CURRENT ◉ DESIGN GUIDE

LIGHTING AND CONTROL SOLUTIONS

DESIGN GUIDE

- Recessed Lighting Solutions
- Industrial Lighting Solutions
- Exterior Lighting Portfolio
- Architecural Lighting
- Healthcare Lighting
- Educational Facility Lighting
- Ge/Current Lamps And Ballast
- Current Nx Lighting Control Platform

Current ⓘ HLI Brands

architectural area**lighting**

BEACON design . performance . technology

Columbia LIGHTING

C**O**MPASS®

DUAL LITE

€XO

FORUM

KIM LIGHTING

kurt versen

lifeshield

LITECONTROL

NX LIGHTING CONTROLS™

prescolite

Current ⓘ GLI Brands

LAMPS GE

ALBEO

Lumination

EV O LVE

Daintree WIRELESS CONTROLS

LIGHTGRID

Specialty: Horticulture, Refrigerated Display, Signage, Traffic, Architectural

Arize®

immersion

Tetra®

GTX

FORUM

2

GS Lighting Group
A division of Gross Sales Ltd.
30+ YEARS

CURRENT LIGHTING

RECESSED COLLECTION

DESIGN GUIDE

TROFFERS
- Flat Panels
- Lensed Troffers
- Volumetric Troffers
- Edge Lit Troffers
- Architectural Troffers

- Cleanroom Troffers
- High Abuse
- Healthcare Patient
- Recessed Linear

DOWNLIGHTS
- Retrofit
- Contractor Grade
- Specification Grade
- Architectural Grade
- Gallery Grade

- High Abuse
- Healthcare – MRI
- Healthcare – Patient

Current | **Columbia LIGHTING**

LCAT-LSCS

LED CONTEMPORARY ARCHITECTURAL TROFFER

Appealing, Adjustable, Accessible

LCAT switchable luminaires offer field adjustability of lumen output and color temperature. Offered in 2 sizes, LCAT offers a wide range of options for classrooms, offices, retail and healthcare applications. Reduce inventory on the shelf, reduce inventory costs and reduce stock outs with switchable luminaires.

Features and Benefits

- Switchable Lumen technology:
  2750/3300/4400 lumens (2x2 size)
  4200/5200/6000 lumens (2x4 size)
- Switchable CCT technology: 3500/4000/5000K
- High efficiency acrylic center lens features linear prisms for high performance without pixelation
- Appropriate for offices, schools, medical, and public spaces
- High performance reflector with matte white paint standard
- LED modules and electrical accessible from below
- QR code traceability
- Compatible with Dual-Lite inverters

SWITCHABLE LUMEN & CCT | DLC LISTED | CSA C US | Built to UL 924 Standards | BUY AMERICAN SOLUTIONS — See Certification Specifications

STOCK

CATALOG NO.	UPC	DESCRIPTION	SETTING	LUMENS 3500K	4000K	5000K	WATTS	LPW 3500K	4000K	5000K
LCAT22-LSCS	840141423340	2X2 LED Contemporary Architectural Troffer, Lumen Switchable, CCT Switchable	LOW	2642	2929	2872	21	126	139	137
			MED	3008	3387	3272	25	120	135	131
			HIGH	3764	4460	4124	35	108	127	118
LCAT24-LSCS	840141423364	2X4 LED Contemporary Architectural Troffer, Lumen Switchable, CCT Switchable	LOW	3964	4424	4285	32	126	140	136
			MED	4872	5608	5282	42	116	134	126
			HIGH	5415	6394	5874	51	106	125	115

ACCESSORIES (ORDER SEPARATELY)
FK22 2x2 Single Flange Kit
FK24 2x4 Single Flange Kit

23.77" (604mm)

3.98" (101mm)
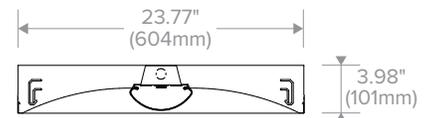
Ideal for the following applications:

- Commercial Indoor
- Classrooms and Offices
- Halls/Dorms
- Conference Rooms
- Meeting Rooms
- Common Areas

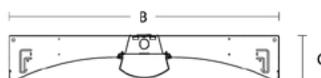# Current | Columbia LIGHTING

CCL
Center Lens Troffer

FEATURES
- Switchable Lumen technology:
  2800/3200/4100 lumens (2x2 size)
  4200/5200/6000 lumens (2x4 size)
- Switchable CCT technology:
  3500/4000/5000K
- 80+ CRI
- 0–10V dimming to 10%
- Universal voltage (120–277V)
- 5-Wire flex and EM battery pack available
- Up to 140 lumens per watt

SERVICE PROGRAM
STOCK

| Typical Dimensions and Weights				
Sizes	(A) Length Inches (mm)	(B) Width Inches (mm)	(C) Height Inches (mm)	Weight lbs (kg)
2'	23.88 (606)	23.88 (606)	4.00 (102)	11.5 (5.2)
4'	47.88 (1216)			19.0 (8.6)

Current | Columbia LIGHTING

CLT
Center Lens Troffer

The CLT is a low-profile center lens troffer with switchable lumens and CCT designed to blend seamlessly into its environment.

Features and Benefits

- Switchable Lumen technology:
  3250/3750/5000 lumens (2x2 size)
  3750/5000/6000 lumens (2x4 size)
- Switchable CCT technology: 3500/4000/5000K
- 80+ CRI

- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- 120-347V, standard
- 5-Wire flex and EM battery pack options available
- Up to 157 lumens per watt
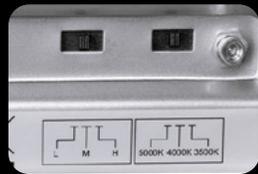
Switchable technology:
Switchable Lumen and Switchable CCT technology allows for easy field-adjustable lighting output with switch located on back of the fixture.

2x4

2x2

STOCK

Catalog No.	UPC	Description	Setting	Lumens			Watts	LPW		
				3500K	4000K	5000K		3500K	4000K	5000K
CLT22-LSCS-EDD	840141417356	2x2 Center Lens Troffer, 3250/3750/5000 Switchable Lumens, 3500/4000/5000K Switchable CCT; 0-10V Dim-to-Off Driver; 120-347V	LOW	3279	3423	3339	23	143	149	145
			MED	3786	3980	3863	27	140	147	143
			HIGH	5009	5338	5083	38	132	140	134
CLT24-LSCS-EDD	840141417363	2x4 Center Lens Troffer, 3750/5000/6000 Switchable Lumens, 3500/4000/5000K Switchable CCT; 0-10V Dim-to-Off Driver; 120-347V	LOW	3820	3923	3864	25	153	157	155
			MED	5053	5228	5097	35	144	149	146
			HIGH	6244	6497	6276	45	139	144	139

Ordering Guide

| CLT		—	LSCS		—	EDD		—		
Model	**Size**		**Lumen Output**			**Driver**			**Options**	
CLT Center Lens Troffer	22 2'x2' 24 2'x4'		LSCS Lumen & CCT Switchable [1]			EDD 0-10V Dim to Off			ELL14	10W Emergency Battery Pack (CEC Titile 20 Compliant) Installed [2]
									C588	5-wire Flex

Notes:
1   Default settings for CLT is 3500K and the HIGH lumen setting
2   To determine the lumen output in emergency mode, multiply the battery wattage by the fixture lumens per watt (LPW)

Accessories

Accessories (Order Separately)				
Catalog #		**Part #**	**UPC**	**Description**
	FK22	FK22	078531000752	2' × 2' Single Flange Kit (Shipped separately)
	FK24	FK24	078531038991	2' × 4' Single Flange Kit (Shipped separately)
	PSMK-22	93302544	662055127912	2x2 Shallow Surface Mount Kit, 63mm
	PSMK-24	93302545	662055127929	2x4 Shallow Surface Mount Kit, 63mm
	DSMK-22	93313898	840141433219	2x2 Deep Surface Mount Kit, 110mm, for use with ELL14 option
	DSMK-24	93313899	840141433226	2x4 Deep Surface Mount Kit, 110mm, for use with ELL14 option

Dimensions

Typical Dimensions and Weights				
Sizes	(A) Length Inches (mm)	(B) Width Inches (mm)	(C) Height Inches (mm)	Weight lbs (kg)
2x2'	23.74 (603)	23.74 (603)	2.15 (54.6)	6.4 (2.9)
2x4'	47.76 (1213)	23.74 (603)	2.15 (54.6)	11.7 (5.3)
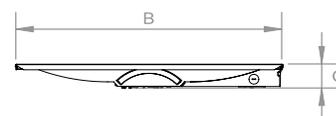
B

C

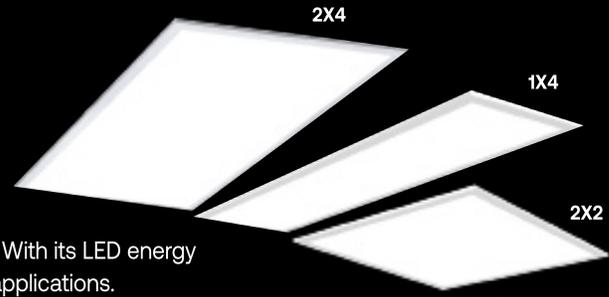# Current | Columbia LIGHTING

CBT
BACK-LIT TROFFER

2X4
1X4
2X2

Affordable, Available, Adjustable

The CBT is an affordable LED lensed troffer with smooth, even illumination. With its LED energy saving technology, CBT is perfect for offices, classrooms and many other applications.

Features and Benefits

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4 and 2x2) 5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 1x4, 2x2, and 2x4 sizes
- 0-10V 1% Dim to Dark driver (standard) provides superior dimming capabilities
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones

- Tested in accordance with ISO 14644-1; suitable for ISO Class 4-9 positive and negative pressure clean rooms
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation A units are priced as single units and must be ordered as single units. Two packaging options are available

Switchable technology:
Switchable Lumen and Switchable CCT technology allows for easy field-adjustable lighting output with switch located on back of panel.

DAMP LOCATION | UL CERTIFIED | ISO 4 | UL Sanitation | DLC LISTED | SWITCHABLE LUMEN & CCT

Catalog Number	Description	Setting	Lumens			Watts	Lumens Per Watt (LPW)			Weight	Carton Qty	UPC
			3500K	4000K	5000K		3500K	4000K	5000K			
CBT14-A-LSCS-EDD-2PK	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT; 80 CRI; 0-10V 1% Dim to Off; 120-277V	LOW	2750	2850	2800	24	115	119	117	4.99 lb 2.19 kg	2^	840141412184
CBT14-A-LSCS-EDD		MED	3300	3400	3350	28	118	121	120		4*	Single Fixture: 840141432670 Master Carton: 10840141432677
		HIGH	4400	4600	4500	38	116	121	118			
CBT22-A-LSCS-EDD-2PK	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-277V	LOW	2750	2850	2800	24	115	119	117	4.96 lb 2.24 kg	2^	840141412207
CBT22-A-LSCS-EDD		MED	3300	3400	3350	28	118	121	120		4*	Single Fixture: 840141432687 Master Carton: 10840141432684
		HIGH	4400	4600	4500	38	116	121	118			
CBT24-A-LSCS-EDD-2PK	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-277V	LOW	3300	3450	3400	28	118	123	121	9.37 lb 4.25 kg	2^	840141412221
CBT24-A-LSCS-EDD		MED	4400	4600	4500	38	116	121	118		4*	Single Fixture: 840141432700 Master Carton: 10840141432707
		HIGH	5500	5800	5700	48	115	121	119			

^ Must be ordered as single units in even quantities as this item is packed two fixtures per carton

* Must be ordered in single units, with no quantity restrictions as standard packaging is a master carton containing four individually boxed fixtures.

Ordering Guide

CBT [ ] — [ ] — [ ] — [ ] — [ ] — [ ]

Model	Size	Generation	Selectable	Driver	Packaging	Options
CBT Back-lit Troffer	14 1x4 / 22 2x2 / 24 2x4	A Generation A	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off [1]	2PK 2 Pack [2]	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed / C688 5 Wire Flex / C688 6 Wire Flex [3]

Made To Order Options Factory Installed Flexible Conduit & Battery Options

	Catalog Number	UPC	Description	Carton Qty
☐	CBT14-A-LSCS-EDD-ELL14	840141430058	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐	CBT22-A-LSCS-EDD-ELL14	840141430065	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐	CBT24-A-LSCS-EDD-ELL14	840141430072	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐	CBT14-A-LSCS-EDD-C588	603134946468	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐	CBT22-A-LSCS-EDD-C588	603134946482	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐	CBT24-A-LSCS-EDD-C588	603134946505	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐	CBT14-A-LSCS-EDD-ELL14-C688	603134946475	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐	CBT22-A-LSCS-EDD-ELL14-C688	603134946499	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐	CBT24-A-LSCS-EDD-ELL14-C688	603134946512	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

Can be ordered in single unit (odd number) quantities as this is a factory installed option

ELL14 option uses a 10 watt emergency battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

CBP Gen A fixtures with ELL14 option require a remote mounted test switch, we recommend Dual-Lite PLRTS

LJT
LED Troffer

LAW
LED Wraparound

LCS
LED Open Striplight

LED
l u m i n a i r e s

DLC LISTED PREMIUM **DLC LISTED** LJT

DLC LISTED LAW

Three LED products that have it all.

- Simple fluorescent replacement
- Readily available in stock
- Affordably priced
- Long-life 60,000 hour LED at L80 lumen maintenance for reduced maintenance on site
- User friendly with access to LED boards and drivers from below

- Modular replacement of components
- Choice of LED color temperature
- Controls compatible
- Familiar shapes, sizes, and appearances for simplicity of use
- Integral battery pack option (1,400 lumens)

LJT Troffer

- Replaces 1, 2, 3 and 4-lamp fluorescent troffers
- Up to 145 lumens per watt
- 1x4 Lumens: 2,255 up to 7,170
- 2x2 Lumens: 1,380 up to 4,715
- 2x4 Lumens: 2,560 up to 9,760
- 3000K, 3500K, 4000K, 5000K
- Recessed, surface, or cable
- Wet location and regressed aluminum door options available
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations - see www.designlights.org

LAW LED Wraparound

- Replaces 1-lamp and 2-lamp fluorescent wraps
- Up to 128 lumens per watt
- 2' and 4'
- 2' lumens: from 2,685 up to 4,565
- 4' lumens: from 2,406 up to 7,074
- 3000K, 3500K, 4000K, 5000K
- Surface mount or suspended
- Lens hinges from either side for easy installation
- DLC® (DesignLights Consortium) Qualified - see www.designlights.org

LCS LED Striplight

- Replaces 1, 2, 3, 4, or 6-lamp fluorescent strips
- Up to 149 lumens per watt
- 2', 4' and 8'
- 2' Lumens: 3,041
- 4' Lumens: from 2,795 up to 11,334
- 8' lumens: from 5,590 up to 22,668
- 3000K, 3500K, 4000K, 5000K
- Surface mount or suspended
- Wire guard option

Scaler™

EDGE-LIT FLAT PANEL

Configurable, Flexible, Efficient

The Scaler™ Panel offers the advantages of edge-lit LED technology in a wide variety of options including color, lumen, driver, emergency batteries, flex, and controls. The flexibility of Scaler helps meet many different lighting needs.

• Four standard colors and color tuning options
• A wide variety of lumen packages available

• IC rated
• 80 CRI
• 120–277V

• Cleanroom suitable
• Multiple driver options
• 5 year warranty

c**UL**us | Built to UL 924 Standard s | **CP** Chicago Plenum | **ISO 5** | **UL** Sanitation

SpectraSync™ **NX** LIGHTING CONTROLS™

Current | Columbia LIGHTING

Versify

Versify™ Architectural Edge-Lit balances clean, streamlined architectural elements with high performance, making it the perfect complement to a wide variety of applications. The smooth, even illumination of the edge-lit lens produces a look of continuity across the face of the luminaire with a low glare element. Energy savings are easily achieved with Versify's high lumen per watt performance and optional controls compatibility.

Architectural Aesthetics
A clean, streamlined look available in 1x2, 1x4, 2x2 and 2x4 configurations enables Versify to be used in a variety of spaces.

LITECONTROL
making light work™
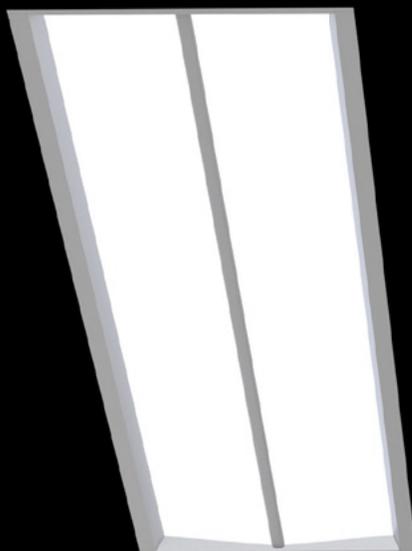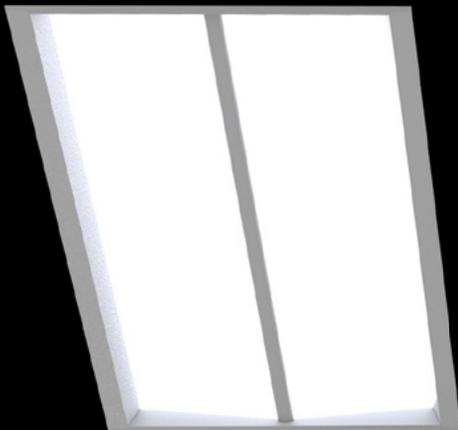
RŸVL55L
TRI - LENS ARCHITECTURAL TROFFER

1
Housing

TO

3
Options

ASO Door
- Angled side diffusers
- **Dropped center lens**
- Extruded center rails

FHE Door
- Flat side diffusers
- **Flat center lens**
- Extruded center rails

AHE Door
- Angled side diffusers
- **Dropped center lens**
- **Value oriented option**

Performance-driven platform with three aesthetic
options and sizes for visual flexibility.

2x2
- 2500 - 8000 Lumen Range
- 127 Max Efficacy (ASO & FHE)
- 134 Max Efficacy (AHE)

1x4
- 2500 - 8000 Lumen Range
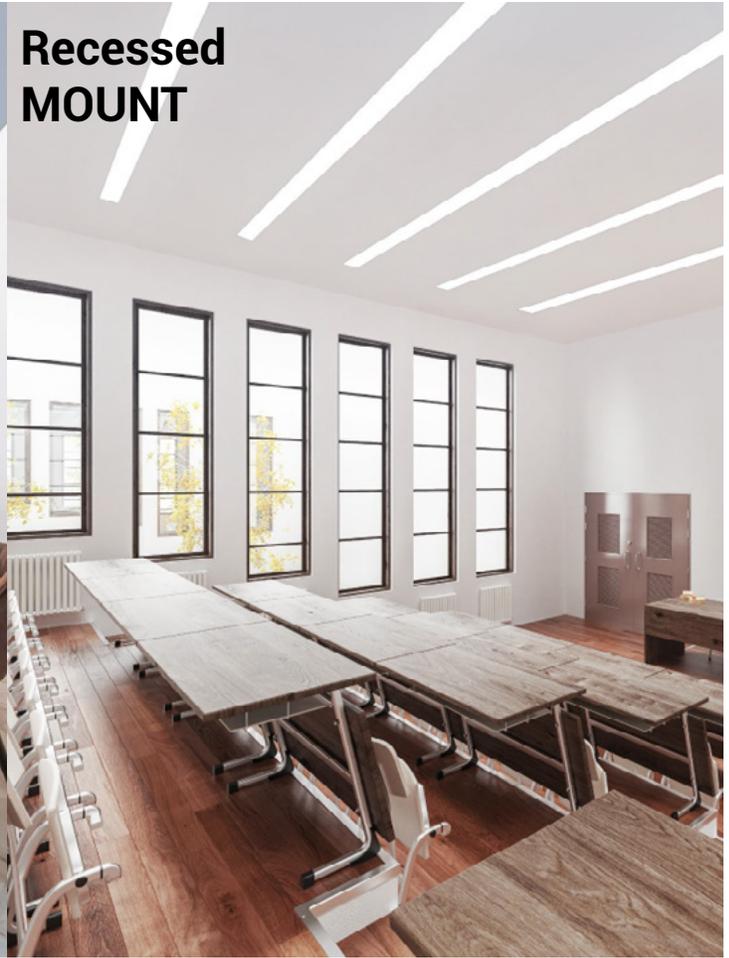- 122 Max Efficacy (ASO & FHE)
- 130 Max Efficacy (AHE)

2x4
- 2500 - 8000 Lumen Range
- 145 Max Efficacy (ASO & FHE)
- 154 Max Efficacy (AHE)

Perimeter Wall/slot MOUNT

Recessed MOUNT

MOD™X

RECESSED MOUNT

2L 3L 4L 6L

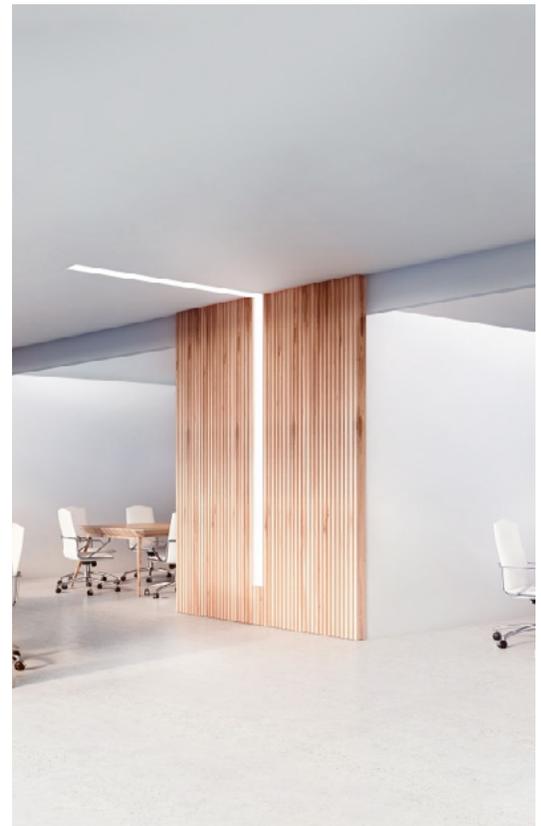## PERIMETER WALL/SLOT MOUNT

2L 3L 4L 6L

Flush   2" Regressed   3" Regressed   4" Regressed

RECESSED, PERIMETER WALL/SLOT CORNERS & PATTERNS
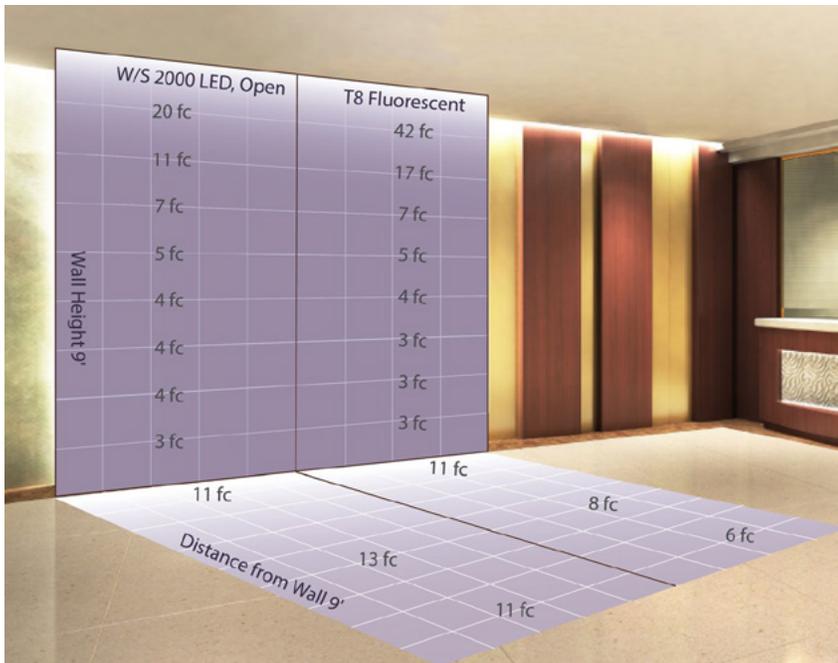
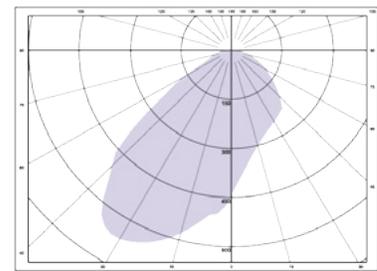2L 3L 4L 6L

WALL SLOT | 2000 LED

PERFORMANCE

Wall/Slot® 2000 LED delivers 7:1 vertical uniformity; a 50% improvement over conventional sources

Wall/Slot® 2000 LED, Open
Maximizes Efficiency

Typically used where increased perceived brightness at the ceiling plane is advantageous. Examples: Floating ceiling, wayfinding

LUMEN OUTPUT

Nomenclature	Nominal Lumens/Ft	Nominal Watts/Ft	Efficacy
D025	250	3.5	71
D065	650	9.7	67
D080	800	12.6	64

Output and watts vary based on product configuration; for exact lumens and watts contact Litecontrol

20L-Cx-35K-D030-04-D10 Wall/Slot® 2000 LED, 4', 3500K, 300 lum/ft, 6W/ft, matte white finish, 0-10V dimming driver at 100% output

COLOR RENDERING

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
30K	83	81	90	96	81	81	86	84	62	12	75	80	68	83	98	75
35K	83	81	88	94	82	81	84	86	65	14	72	80	63	82	96	75
40K	83	82	90	95	81	81	85	87	66	14	75	79	59	84	97	76

COLOR TEMPERATURE

LED Color Variation
2 step MacAdam ellipse, both within the fixture and fixture-to-fixture.

MEDIMODE PATIENT BED LIGHT

PRODUCT OVERVIEW

MediMode is a multi-function lighting solution for the patient environment. Twin, indirect optical compartments deliver low-glare illumination for the patient while the center compartment can be activated to deliver an average of 100+ footcandles across the bed surface for critical examinations. An optional full lensed door is available to provide further sealing and to simplify cleaning.

APPLICATIONS

- Patient Rooms
- Pre-and Post-Op Areas
- Emergency Room Examination
- Physician's Examination

PATIENT LIGHT FOR BEHAVIORAL HEALTH SPACES

PRODUCT OVERVIEW

MediMode™ Behavioral provides the primary lighting requirements for the patient environment while addressing the safety and security concerns of behavioral health spaces. The construction is designed to reduce risk of ligature, hiding of contraband, and general damage to the luminaire.

APPLICATIONS

- Behavioral Facilities
- • Addiction Treatment Facilities
- • Emergency Room

OBEX VANDAL / BEHAVIORAL
RECESSED AND SURFACE LUMINAIRE

FEATURES
- 2x2, 2x4, and 1x4 recessed fixture for vandal resistant applications.
- (Select configurations and options suitable for behavioral health applications)
- Shallow depth housing (less than 4"), lumen packages up to 25,000 lm+ (2x4)
- Inset and overlap door options, internal symmetric (Lambertian)
- Diffuse, polycarbonate lens options in three thicknesses
- Mounting options for recessed grid, drywall (flange) ceilings and surface mount
- Formed steel housing and door with antimicrobial white painted finish

(UL1598) (UL924) (CCEA) (IC) (IK10) (IP66) (IP69K) (ISO 3) (NSF2) (BAA) (TAA)

OBEX SURGICAL
RECESSED SURGICAL SUITE LUMINAIRE

FEATURES
- 2x2, 2x4, and 1x4 recessed fixture for surgical suites
- Shallow depth housing (less than 4"), lumen packages up to 25,000 lm+ (2x4)
- Inset and overlap door options, internal symmetric (Lambertian) and asymmetric optics
- Diffuse acrylic lens standard, polycarbonate and tempered glass as options
- Mounting options for recessed grid, drywall (flange) ceilings and surface mount
- Formed steel housing and door with antimicrobial white painted finish

(UL1598) (UL924) (CCEA) (IC) (IK10) (IP66) (IP69K) (ISO 3) (NSF2) (BAA) (TAA)

OBEX CLEANROOM
RECESSED AND SURFACE CLEANROOM LUMINAIRE

FEATURES
- 2x2, 2x4, and 1x4 recessed fixture for cleanroom applications
- Shallow depth housing (less than 4"), lumen packages up to 25,000 lm+ (2x4)
- Inset and overlap door options, internal symmetric (Lambertian) and asymmetric optics
- Diffuse acrylic lens standard, polycarbonate and tempered glass as options
- Mounting options for recessed grid, drywall (flange) ceilings and surface mount
- Formed steel housing and door with antimicrobial white painted finish

(CSA C US) (UL1598) (UL924) (CCEA) (IC) (IK10) (IP66) (IP69K) (ISO 3) (NSF2) (BAA) (TAA)

SURGICAL SUITE
Designing to industry certifi-
cations along with application
suitable construction helps
to protect patients and staff
during routine and life-saving
procedures.

MRI & SCANNING
Proper shielding of electromag-
netic interference and non-fer-
romagnetic construction ensure
compatibility with sensitive
equipment, resulting in positive
patient outcomes.

VANDAL RESISTANT /
BEHAVIORAL
Impact and ligature resistant
lighting helps deter self-harm
and / or injury to others
or property.

CLEANROOM /
FOOD PROCESSING
Fixtures for these applications
not only provide illumination for
tasks, but also serve as a barrier
between the room and plenum to
dirt and contaminants.

LITEBOX

| PRO | STANDARD | A-SERIES | DISK | EDGE-LIT |

RECESSED LITEBOX PRO

The LiteBox® Pro is a canless direct install downlighting family for New Construction or Remodel applications. Switchable lumen output, color temperature, and dial-in beam angle maximizes adjustability during installation.

9 Lumen Outputs in 3 Modules

FIXTURE MODULE

SL	ML	HL
800	1600	3000
1200	1800	4000
1600	2100	5000

18 Aperture / Finish Combinations

INTERCHANGEABLE TRIM

APERTURE

4"

6"

8"

FINISH

DIFFUSE ANODIZED

WHITE CONE & FLANGE

DIFFUSE ANODIZED CONE & WHITE FLANGE

SWITCHABLE LUMEN

SWITCHABLE CCT

SWITCHABLE BEAM
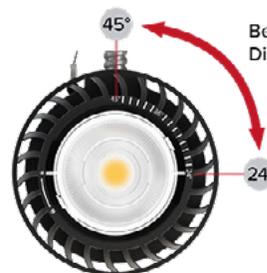
Accounting for higher mounting heights or warmer color tmeperatures is as easy as moving the switch! Make changes during or even after installation with multiple lumen outputs, CCT, and dial-in beam angle adjustment built in to each SKU.

2700K   3000K   3500K   4000K   5000K

45°

24°

Beam Adjustment Dial with Indicator

Simply dial in desired beam on the jobsite.

CURRENT ☉ | prescolite

prescolite

LITE FRAME 2.0

Breadth of Solutions ● **Flexible Installation** ● **Reliable Performance**

LITEFRAME 2.0 FAMILY	4" aperture Round & Square				6" aperture Round & Square			
	DOWNLIGHT	**SHALLOW DOWNLIGHT**	**LENSED WALL WASH**	**ADJUSTABLE**	**DOWNLIGHT**	**SHALLOW DOWNLIGHT**	**LENSED WALL WASH**	**ADJUSTABLE**
	6000 lm	3000 lm	6000 lm	6000 lm	8000 lm	3000 lm	8000 lm	8000 lm

REFLECTOR FINISH/COLORS

Clear Specular S **Clear Semi-Specular SS** **White Painted WC** **White Flange WT** **Black Flange BT**

MULTIPLE INSTALLATION OPTIONS

Direct Install

The easiest solution for installing in Non-IC new construction or remodel applications.

Traditional Non-IC

The Non-IC plaster frame provides rough-in positioning.

IC Construction

The IC housing provides separation of ceiling insulation from the Fixture Module.

Chicago Plenum

An integrated shroud seals the Fixture Module for use in Chicago Plenum ceilings eliminating the need for a full housing.

Current Prescolite

LITEISTRY PRODUCT SELECTOR

FULL LITEISTRY FAMILY	DOWNLIGHT				WALL WASH			ADJUSTABLE		CYLINDER			
3" UP TO 2000 lm	Very Narrow		Very Narrow		Single Double Corner	Lensed	Lensed	Open Pinhole Slot 15° 25° 35° 45°	Open 15° 25° 35° 45°	Surface	Pendant	Surface	Pendant
	Narrow	Medium	Narrow	Medium						Cord	Wall	Cord	Wall
	Wide	Extra Wide	Wide	Extra Wide						Downlight		Downlight	
										Wall Wash			
4" UP TO 4000 lm	Very Narrow		Very Narrow		Single Double Corner	Lensed	Lensed	Open Pinhole Slot 15° 25° 35° 45°	Open 15° 25° 35° 45°	Surface	Pendant	Surface	Pendant
	Narrow	Medium	Narrow	Medium						Cord	Wall	Cord	Wall
	Wide	Extra Wide	Wide	Extra Wide						Downlight		Downlight	
										Wall Wash			
6" UP TO 9000 lm	Very Narrow		Very Narrow		Single Double Corner	Lensed	Lensed	Open Pinhole Slot 15° 25° 35° 45°	Open 15° 25° 35° 45°	Surface	Pendant	Surface	Pendant
	Narrow	Medium	Narrow	Medium						Cord	Wall	Cord	Wall
	Wide	Extra Wide	Wide	Extra Wide						Downlight		Downlight	
										Wall Wash			

BROAD PALETTE OF LIGHTING SOLUTIONS

DOWNLIGHT
PAGE 22-23

WALL WASH
PAGE 24-25

ADJUSTABLE
PAGE 26-27

CYLINDER
PAGE 28-29

APERTURE	VERY NARROW 0.3 SC	NARROW 0.4 SC	MEDIUM 0.7 SC	WIDE 1.0 SC	EXTRA WIDE 1.2 SC	SINGLE WW	DOUBLE DWW	CORNER CWW	LENSED LWW	NARROW 15°	MEDIUM 25°	WIDE 35°	EXTRA WIDE 45°	VERY NARROW 0.3 SC	NARROW 0.4 SC	MEDIUM 0.7 SC	WIDE 1.0 SC	EXTRA WIDE 1.2 SC	SINGLE WW	LUMEN RANGE
3"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 lm
4"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	4000 lm
6"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	9000 lm
3"	▪	▪	▪	▪	▪				▪	▪	▪	▪	▪	▪	▪	▪	▪	▪		2000 lm
4"	▪	▪	▪	▪	▪				▪	▪	▪	▪	▪	▪	▪	▪	▪	▪		4000 lm
6"	▪	▪	▪	▪	▪				▪	▪	▪	▪	▪	▪	▪	▪	▪	▪		9000 lm

FINISHES   COLORS   FLANGE OPTIONS PAGE 32-33   SpectraSync NX LIGHTING CONTROLS   PAGE 35

PRESCOLITE D2LED
2-INCH DOWNLIGHTING | DOWNLIGHT | WALL WASH | ADJUSTABLE

Current | prescolite

Rediscover why Prescolite's award-winning 2-inch aperture LED recessed family continues to be the perfect solution for the most demanding architectural lighting applications.

DOWNLIGHT
- OPEN
- REGRESSED LENS
- FLUSH MOUNT LENS

ADJUSTABLE
- SLOPED CEILING STANDARD CUT
- AIM FROM BELOW OPEN
- AIM FROM BELOW SLOT
- AIM FROM BELOW PINHOLE

WALL WASH
- STANDARD WALL WASH
- SHIELDED WALL WASH

ACTUAL SIZE

SMALL. SLEEK. SIGNIFICANT
More versatile than ever before, the upgraded and expanded D2 Series provides discreet precision and power for seamless integration into the space.

1.125 IN.
PINHOLE
APERTURE
FLANGE
2.25 IN.
3.10 IN.
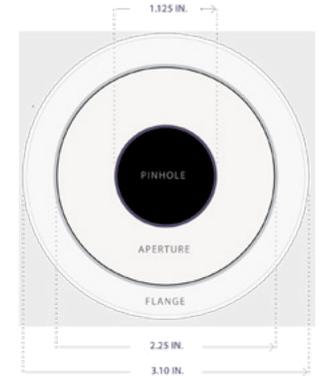
The small aperture and degree of adjustability all worked in our favor to complement the complex geometries of the architecture while at the same time minimizing glare and delivering comfortable light levels throughout. The finished product is STUNNING."
- Scott Baillie-Hinojosa, Tillostson Design Associates

ON THE COVER:

Roy and Diana Vagelos Education Center
Tillotson Design Associates, New York City

Prescolite's 2-inch aperture downlights and adjustable luminaries complement the space and the angles of this state-of-the-art medical and graduate education building without interfering or overpowering the architectural atmosphere they create. In this application, the lighting enhances the architect's vision.

The 14-story Study Cascade, the design's centerpiece featuring interconnected staircases and technologically advanced collaboration spaces, is illuminated throughout with Prescolite D2 Series 2-inch LED luminaires.

- OPEN
- REGRESSED LENS
- FLUSH MOUNT LENS

Regressed Hexcell
Flat Black Cone & Flange
(Example below)

D2LED
Open Specular

D2LED
Wall Wash Specular

- STANDARD WALL WASH
- SHIELDED WALL WASH

Shielded Wall Wash
Flat Black Cone & White Flange
(Example below)

ARCHITEKTOR
MEGALUM | HIGH LUMEN LED DOWNLIGHTS & CYLINDERS

MEGALUM™ CYLINDER

MC10LED

Convention Centers	Airports	Cathedrals
Banquet Halls	Theatres	Cafeterias
Grand Lobbies	Escalators	and more...

THERMAL MANAGEMENT

Heat pipe technology provides advanced thermal dissipation
Completely passive - no fan
Proven reliability across multiple industries

PHOTOMETRY IN APPLICATIONS

OVER 100 LUMENS PER WATT AVAILABLE

40 ft
100 ft
100 ft

With high ceilings and low watts per square foot, MegaLu ™m™ is the perfect solution to ever tightening energy codes.

Fixture:	8MD12LXFL55	Fixture spacing:	20 ft
Ceiling height:	40 ft	Average Fc:	26
Dimensions:	100 ft X 100 ft	W/ft²:	0.34
# of fixtures:	25		

VI — Variable Intensity Technology
The Megalum offers the ability to deliver precisely the amount of light you need for any downlighting application – from less than 2000 lumens to more than 16,500 lumens!

MD8LED UP TO 17,000+ LUMENS

EXAMPLE: MD8LED12L35K-8MD12LWFL45

HOUSING	OUTPUT	LED COLOR TEMP	CRI	VOLTAGE	OPTIONS	TRIM APERTURE	OUTPUT	BEAM ANGLE	REFLECTOR FINISH	REFLECTOR COLORS	REFLECTOR OPTIONS	ACCESSORIES
MD8LED 8" High output LED housing	4L ² 4000 Delivered Lumens 8L ² 8000 Delivered Lumens 12L ¹⁰ 12000 Delivered Lumens 16L ¹⁰ 16000 Delivered Lumens	27K 2700 Kelvin 30K 3000 Kelvin 35K 3500 Kelvin 40K 4000 Kelvin 50K ⁴ 5000 Kelvin	8 80+ CRI 9 ³ 90+ CRI	Blank 120v-277V 347 ¹ 347 Volt	Blank Standard 0-10V dimming to 10% EDM Hi-Lume 1% EcoSystem LED Driver DM1 0-10V dimming to 1% DMX DMX with RDM dimming to <0.1% LF ⁵ Variable Intensity Lighting Lumen Factor	8MD 8" Alzak Reflector	4L ¹ Suitable for 4000 Lumen Housings 8L ² Suitable for 8000 Lumen Housings 12L ¹⁰ Suitable for 12000 Lumen Housings 16L ¹⁰ Suitable for 16000 Lumen Housings	FL35 Nominal 35 Degree Cutoff WFL45 Nominal 45 Degree Cutoff XFL55 Nominal 55 Degree Cutoff WW ⁷⁸ Wall Wash	Blank Specular SS Semi-Specular VS Kurt Versen Softglow ˜ VSS Kurt Versen SoftSheen ™	Blank Clear Alzak CG Champagne Gold Alzak BL Black Alzak LW Light Wheat Alzak PW Pewter Alzak BC ¹ Painted Black Cone WC ¹ Painted White Cone	Blank ⁸ No Lens CL ⁶ Clear Lens over LEDs (wet location) SL ⁹ Softie Softening Lens over LEDs (wet location) WT Painted White Flange BT Painted Black Flange	B24 Set of two (2) 24" bar hangers for T-bar ceilings B6 Set of two (2) bar hangers for ceiling joist up to 24" centers SCA8D_ Sloped ceiling adapter

¹ Must specify either WT or BT for painted cone
² Housing and reflector output must be consistent
³ Available in standard 0-10V dimming only.
⁴ 50K not available in 90 CRI
⁵ Lumen factor available in 5% increments, from 55% (055) to 125% (125) on the 3L, 6L, 9L or 12L housings.
⁷ Not available in wall wash (WW)
⁸ Satin lens is standard for wall wash (WW)

Standard 5-year warranty. See currentlighting.com/prescolite for details.

MC10LED UP TO 17,000+ LUMENS

EXAMPLE: MC10LEDP12L35K8WFL45

CYLINDER	MOUNTING	OUTPUT	LED COLOR TEMP	CRI	VOLTAGE	OPTIONS	BEAM	FINISH	REFLECTOR COLOR	OPTIONS	LENGTH	CYLINDER COLOR
MC10LED 10" High Output LED cylinder	P Pendant (18" standard) S Surface CCM ⁶ Cord & Cable Mount (20 ft standard) W Wall Mount	4L 4000 Delivered Lumens 8L 8000 Delivered Lumens 12L ⁷ 12000 Delivered Lumens 16L ⁷ 16000 Delivered Lumens	27K 2700 Kelvin 30K 3000 Kelvin 35K 3500 Kelvin 40K 4000 Kelvin 50K ⁴ 5000 Kelvin	8 80+ CRI 9 ³ 90+ CRI	Blank 120v-277 Volt	Blank Standard 0-10V dimming to 10% EDM Hi-Lume 1% EcoSystem LED Driver DM1 0-10V dimming to 1% DMX DMX with RDM dimming to <0.1% LF ⁵ Lumen Factor	FL35 35 Degree Cutoff WFL45 45 Degree Cutoff XFL55 55 Degree Cutoff WW ⁷⁸ Wall Wash	Blank Specular SS Semi-Specular VS Kurt Versen Softglow˜ VSS Kurt Versen SoftSheen ™	Blank Clear Alzak CG Champagne Gold Alzak BL Black Alzak LW Light Wheat Alzak PW Pewter Alzak BC Painted Black Cone WC Painted White Cone	Blank ⁸ No Lens CL ⁶ Clear Lens SL ⁹ Softie Lens	26 26" Housing 30 30" Housing	BA ² Brushed Aluminum BZ Bronze BL Matte Black WH Matte White Z Zet

¹ Satin lens is standard for wall wash (WW)
² Standard with black accents
³ Not available with EDM
⁴ 50K not available in 90 CRI
⁵ Lumen factor available in 5% increments, from 55% (055) to 125% (125) on the 3L, 6L, 9L or 12L housings. See spec sheet for more information. Not available greater than 100 for EDM.
⁶ CCM comes with 20ft clear cord & cable and white ceiling canopy standard.
⁷ Not available in wall wash (WW)
⁸ Available with 3L and 6L only

The MC10 is recommended for interior spaces.

Standard 5-year warranty.
See currentlighting.com/prescolite for details.

HOUSING FINISHES

Matte Black	Matte White	Zet	Brushed Aluminum	Bronze

Established in 1932, the Kurt Versen brand name has always been considered at the pinnacle of style and innovation. Building on this historic reputation the Kurt Versen brand (KV), is re-emerging to once again delight the lighting community with high-quality and innovative architectural products that are designed to solve the unique challenges of today's design community while being trendy and alluring. KV has been reimagined to be visual, inspired, and refreshing. We dare to BE SEEN

Noni™ product family

	RECESSED		CYLINDER	
	round	square	round	square
3.5"				
2.5"				
1.5"				

CORRECTCUT TECHNOLOGY

Worried about cutting a precise hole for a 1/4" flanged product? That changes today with KV's CorrectCut technology..
KV's housing is the template for the installer. Cut the hole too big? Nope. A downlight that looks just as pretty installed as it does on your conference room table? Yup.

us → Hemmed Edge | Innie Cut | ¼" Flange
CorrectCut allows KV to safely utilize ¼" flange.

them → Collar | Outtie Cut | Wide Flange
Large flange to safely cover hole or trust contractor to be perfect.
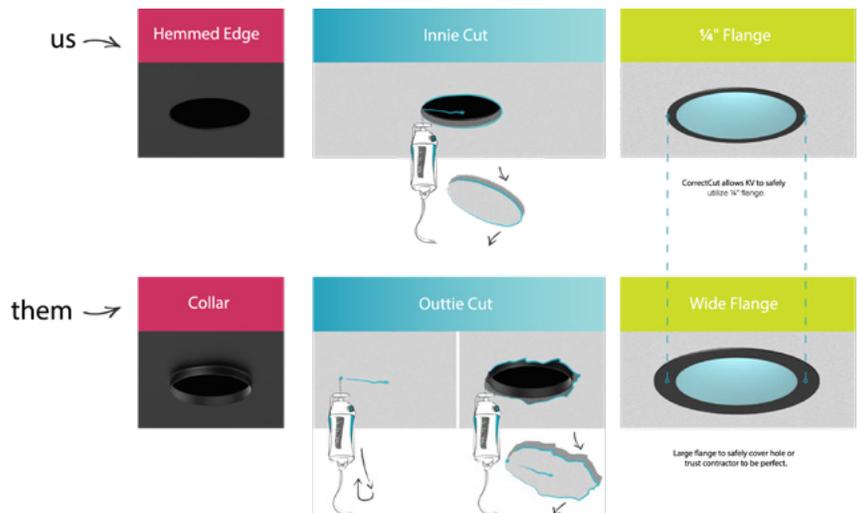
INDUSTRIAL LIGHTING

DESIGN GUIDE

- Light-heavy Manufacturing Environments
- Warehouses
- Cold Storage
- Food Processing Facilities
- Pharmaceutical

INDUSTRIAL LIGHTING APPLICATIONS:
WAREHOUSE/LIGHT-MEDIUM MANFACTURING ENVIROMENTS

ALBEC
ABV4 Series
LED High Bay Lighting

CONSTRUCTION

Housing:	Combination steel and aluminum
Lens:	Polycarbonate, Acrylic
Paint:	Powder coat painted housing No glass in housing or lenses
Weight:	10-11 lbs (4.55-4.99 kg) per module (use dimensional drawings)
Optical Assembly:	Polycarbonate reflective optics with optional lens

−30°C to +55°C (−22°F to 131°F)

OPTICAL SYSTEM

Distribution:	Wide, Wide Diffused (reduce Glare), Medium and narrow
Lumens:	9,000-90,000
Efficacy:	167-197 LPW typical
CCT:	3000K, 3500K, 4000L, 5000K
CRI:	70, 80, &90

ALBEC
ABC Series
LED High Bay Luminaire

CONSTRUCTION

Housing:	Metal
Lens:	Polycarbonate diffused
Reflector:	White highly reflective polycarbonate
Paint:	Powder coat painted housing, no glass in housing or lenses
Weight:	6 lbs (2.7kg) for up to 24k lumen 10 lbs for 30 and 36k lumen 20 lbs for 48k lumen

−30°C to +50°C (−22°F to 122°F) - 18,000lms and below −30°C to +45°C (−22°F to 113°F) for 24,000lms −30°C to +40°C (−22°F to 104°F) for 30,000lms and above

PERFORMANCE

Distribution:	• 120º, 90º with open optic • 120º, 90º with diffused lens • 55º, 30º with texture diffused lens, 30K lumen and higher • 120º, 90º, 55º, 30º with clear lens, 30k lumen and higher
Lumens:	10,000-48,000 lumens
Efficacy:	4000K, 5000K
CCT:	14160 LPW typical
CRI:	70 & 80 CRI

Albeo®
PHB Series
Selectable Lumen & CCT Linear High Bay

CONSTRUCTION

Housing:	Die-cast Aluminum
Lens:	Diffused Polycarbonate
Weight:	Size 1X: 5.0 lbs (2.3 kg) Size 2X: 6.5 lbs (2.9 kg)

1X −40°C to +55°C (−40°F to 131° F)
2X −40°C to +50°C (−40°F to 122° F)

PERFORMANCE

Distribution:	Narrow (55º)**, Medium (90º) and wide (120º)**
Lumens:	1X: Selectable 15,000 / 18,000 / 24,000 2X: Selectable 27,000 / 30,000 / 36,000
Efficacy:	Up to 161 LPW
CCT:	Selectable 4000K / 5000K
CRI:	80

ALBEC
PRC Series
LED IP65 Selectable Round High Bay

CONSTRUCTION

Housing:	Die-cast Aluminum
Lens:	Clear Polycarbonate (90º)
Paint:	Powder coat painted housing No glass in housing or lenses
Weight:	6.5-9.5lbs (2.95-4.30kg)
Optical Assembly:	Optimal polycarbonate refractor, drop lens, or aluminum reflector

With Sensor: −30°C to 50°C Without Sensor: −40°C to 50°C

OPTICAL SYSTEM

Lumens:	1X: Selectable 15,000 / 18,000 / 21, 000 2X: Selectable 24,000 / 30,000 / 34,000
Wattage:	100-240W
Efficacy:	Up to 160 LPW
CCT:	Selectable 4000K / 5000k
CRI:	80
Glare Rating:	URG<28

Columbia LIGHTING

CLH-LSCS
Lumen & CCT Switchable Linear High Bay

Field Switchable lumen and CCT technologies maximize inventory versatility and flexibility
- Two switchable lumen packages with Size 1 ranging between 15,000 to 24,000 and Size 2 ranging from 24,000 to 36,000 lumens. Switch is initially set to the maximum lumen level.
- Field switchable CCT can be either 4000K or 5000K with both CCT's delivering 80 CRI. Switch is initially set to 4000K CCT.

Typical delivered Lumens	Watts	Typical LPW	Max Ambient Temp (°C)
15,000	94.4	159	
18,000	114.8	157	
24,200	158.3	153	50°C[1]
24,000	152.3	158	
30,300	196.8	154	
36,100	242	149	

Columbia LIGHTING

CRN2
Wet Location High Bay

- Efficient wet location high bay
- Suitable for a variety of areas including warehouses, gyms, covered outdoor areas, garden centers and mezzanines
- Polycarbonate lens with reflector options provide glare reduction and aesthetic customization
- Efficacy up to 144 LPW assures energy savings over traditional high bay luminaires
- Offers lumen packages from 14,000 to 38,000 lms for proper illumination on a variety of high bay applications

Output Version	Ambient Temp Range	Dimming Range
14,000 (LX) 21,000 (MM)	-40° to 55°C	
28,000 (MV) 34,000 (MX)	-40° to 50°C	100% to 10%
38,000 (HM)	-40° to 45°C	

Columbia LIGHTING

PEL
Peloton™ High Performance Bay

- Uplight options from 1,000 to 4,000 lumens
- -40°C (-40°F) up to 65°C (149°F) ambient operation, see table provided for details
- CSA certified to UL 924 with two emergency battery pack options: 10w and 20w
- Two distribution options available with frosted acrylic and polycarbonate lens materials

Key Data	
Lumen Range	7851-66,210
Wattage Range	48.6-410.2
Efficacy Range (LPW)	146-177
Reported Life (Hours)	L80/60,000

Columbia LIGHTING

CSL
Striplight

- 4ft and 8ft lengths
- Switchable Lumen Technology
- Switchable CCT, 3500/4000/5000K
- Captive Lens/LED engine assembly
- 80+ CRI
- 0−10V dimming to 10%
- Surface mount on wall or ceiling
- Universal voltage (120−347V)
- Junction box cover included
- Field Installable behind-the-lens microwave sensor accessory

Description	Setting	Lumens			Watts	LPW		
		3500k	4000k	5000k		3500k	4000k	5000k
4' LED Striplight 4400/**4850**/5300 Switchable Lumens, 3500/**4000**/ 5000K Switchable CCT,0-10V dimming, 120-347V	LOW	4400	4500	4400	32.5	135	138	135
	MED	4850	4950	4850	36	135	138	135
	HIGH	5300	5400	5300	41	129	132	129
8' LED Striplight 8000/**8800**/9600 Switchable Lumens, 3500/**4000**/ 5000K Switchable CCT, 0-10V dimming, 120-347V	LOW	8000	8300	8000	65	123	128	123
	MED	8800	9000	8800	72	122	125	122
	HIGH	9600	10000	9600	81	119	123	119

Columbia LIGHTING

MPS
Multipurpose Linear

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved and flat acrylic and curved polycarbonate lens options or a no lens (NL) version. Wide and Narrow distributions available
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

Model	Size	CRI	
MPS MultiPurpose Linear	2-2' 4-4' 8-8'	Blank > 80 9	90

Colour Temp		Nominal Lumens
30	3000K	XW 4' (2600), 8'(5200)
35	3500K	VW 2'(1600), 4'(3300), 8'(6600)
40	4000K	MW 2'(2200), 4'(3600), 8'(7200)
50	5000K	LW 2'(2400), 4'(4000), 8'(7900)
2765T	2700K-6500K	ML 2'(3400), 4'(4500), 8'(8900)
SpectraSync™ Tunable White		HL 2'(3700), 4'(5800), 8'(11,500)
		VL 4'(6800), 8'(13,500)
		XL 4'(7,800), 8'(15,500)

Columbia LIGHTING

LXEM
Enclosed and gasketed Fiberglass extreme environment

FEATURES

- Available in 2', 4', or 8' lengths
- IP65, IP67 and IP66 all models with standard polyacetal (POM) latches
- NEMA 4X housing
- Fiberglass housing with F1 weatherability rating, standard
- IK10 rated when ordered with polycarbonate lens
- Impact modified acrylic lens equivalent to 100% DR
- UL Sanitation Certified per NSF Standards
- Includes stainless steel surface mounting brackets
- -20°C up to +50°C ambient operation; see table provided for details

Key Data	
Lumen Range	2145-22,473
Wattage Range	20-183
Efficacy Range (LPW)	99-147
Reported Life (Hours)	L80/60,000

Columbia LIGHTING

LXEW
Enclosed and gasketed linear high bay

FEATURES

- Wide-body enclosed and gasketed 4' high bay
- IP65, IP66 and IP67 rated
- 1500 PSI High Pressure Hose down rating Fiberglass housing with F1 weatherability rating, standard
- UL Sanitation Certified per NSF Standards
- Stainless steel latching and mounting straps optional
- V-Hook mounting brackets included standard
- -40°C up to +50°C ambient operation; see table provided for details
- NEMA 4X housing
- IK10 rated when ordered with polycarbonate lens

Model	Size
LXEW Industrial Enclosed & Gasketed LED High Bay	4-4'

Colour Temp		Nominal Lumens	
30	3000K	L	11,000
35	3500K	M	15,000
40	4000K	MH	17,000
50	5000K	H	21,000
		HV	23,000
		V	30,000
		X	36,000

Columbia LIGHTING

CVT-LSCS
Linear Vaportite

FEATURES

- Switchable Lumen technology: 5000/6000/7000 (4' size) 8500/10,000/12,000 (8' size)
- Switchable CCT: 3500K/4000K/5000K
- 0–10V dimming to 10%
- IP65 rated
- Up to 132 lm/w
- 80 CRI
- -40°C to 40°C ambient
- Universal voltage (120–347V)

Description	Setting	Lumens		
		3500k	4000k	5000k
4' Linear Vapor Tight, Switchable Lumens (3500 /6500/7500): Switchable CCT (3500 /4000/5000K): 120-347V; 0-10v Dimming to 10%	LOW	5206	5586	5282
	MED	6072	6532	6164
	HIGH	6912	7452	7020
8' Linear Vapor Tight, Switchable (9600/10800 /12700): Switchable CCT (3500/4000K/5000K): 120-347V; 0-10v Dimming to 10%	LOW	8970	9620	9100
	MED	10125	10875	10275
	HIGH	11880	12780	12060

INDUSTRIAL LIGHTING APPLICATIONS:
HEAVY MANFACTURING / AUTOMOTIVE ENVIROMENTS

ALBEC
ABR2 Series
Heavy Industrial High
Bay & Low Bay Lighting

CONSTRUCTION

Housing:	Cast A380 Aluminum
Lens:	Polycarbonate or Glass
Paint:	Polyester powder coat with passivation layer
Weight:	21-49lbs (9.53-22.23kg)
Optical Assembly:	Reflective optics with flat lens

Operating Temperature: -30ºc to +65ºc

OPTICAL SYSTEM

Distribution:	120º, 90º, 55º, 30º, Glass, Clear PC, and Diffused lens options
Lumens:	9000-60000
Efficacy:	Up to 175 LPW
CCT:	4000K & 5000K
CRI:	70 & 80

ALBEC
AHH2 Series
Hazardous Location
Luminaire

CONSTRUCTION

Housing:	Diecast aluminum
Lens:	Polycarbonate or glass lens
Corrosion Resistant Layer:	Polyester powder coat with passivation layer
Paint:	White
Weight:	21-49lbs (9.5-22kg)

Operating Temperature: All models: -30ºc to +60ºc
- UL844 Class 1, Division 2, Groups A,B,C,D.
- UL1598A Inside Drip-proof type (Corrosive "R" Finish)
  - 3,000hrs of ASTM B117 Salt Spray
- NEMA 4X Enclosure Type

PERFORMANCE

Distribution:	120º, 90º, 55º, 30º, Glass, Clear PC and diffused lens
Lumens:	9,000-60,000 lumens
Efficacy:	Up to 165 LPW
CCT:	4000K, 5000K
CRI:	70 & 80 CRI

ALBEC
PRC Series
LED IP65 Selectable
Round High Bay

CONSTRUCTION

Housing:	Die-cast Aluminum
Lens:	Clear Polycarbonate (90º)
Paint:	Powder coat painted housing No glass in housing or lenses
Weight:	6.5-9.5lbs (2.95-4.30kg)
Optical Assembly:	Optimal polycarbonate refractor, drop lens, or aluminum reflector

With Sensor: −30°C to 50°C Without Sensor: −40°C to 50°C

OPTICAL SYSTEM

Lumens:	1X: Selectable 15,000 / 18,000 / 21, 000 2X: Selectable 24,000 / 30,000 / 34,000
Wattage:	100-240W
Efficacy:	Up to 160 LPW
CCT:	Selectable 4000K / 5000k
CRI:	80
Glare Rating:	URG<28

Columbia LIGHTING

CRN2
Wet Location High Bay

FEATURES

- Efficient wet location high bay
- Suitable for a variety of areas including warehouses, gyms, covered outdoor areas, garden centers and mezzanines
- Polycarbonate lens with reflector options provide glare reduction and aesthetic customization
- Efficacy up to 144 LPW assures energy savings over traditional high bay luminaires
- Offers lumen packages from 14,000 to 38,000 lms for proper illumination on a variety of high bay applications

(IP66) (cULus) (IK10)

Output Version	Ambient Temp Range	Dimming Range
14,000 (LX) 21,000 (MM)	-40º to 55ºC	
28,000 (MV) 34,000 (MX)	-40º to 50ºC	100% to 10%
38,000 (HM)	-40º to 45ºC	

Columbia LIGHTING

HEM
LED

createchange: DLC LISTED

Hazardous Enclosed and Gasketed Fiberglass Extreme Environment / LED

FEATURES

- Classifications: Class 1, Division 2, Groups A, B, C, & D
- 4' and 8' sizes
- 4800 – 16300 lumens
- Lifetime of 60,000 hours at L80 for reduced facility maintenance
- Low energy solutions
- 3000K, 3500K, 4000K, 5000K LED CCT colors for improved visual acuity on site
- Compatible with Dual-Lite emergency inverters

Product availability – Nominal Lumens

Size	Lumen Package	Nominal Lumen Range (DFA LENS)	Nominal watts (Highest)	Lumens/ Watt (Highest)	Max Temp
4	ML	4,850-5,350	47	114	40ºC
	HL	5,800-6,400	52	123	40ºC
	VL	7,350-8,150	68	120	40ºC
8	ML	9,700-10,700	94	114	40ºC
	HL	11,600-12,800	104	123	40ºC
	VL	14,700-16,300	136	120	40ºC

Lumens vary according to color temperatures and other factors. See specific photometric test(s). Output levels based on the DFA lens option.

Columbia LIGHTING

LXEW
Enclosed and gasketed linear high bay

FEATURES

- Wide-body enclosed and gasketed 4' high bay
- IP65, IP66 and IP67 rated
- 1500 PSI High Pressure Hose down rating Fiberglass housing with F1 weatherability rating, standard
- UL Sanitation Certified per NSF Standards
- Stainless steel latching and mounting straps optional
- V-Hook mounting brackets included standard
- -40°C up to +50°C ambient operation; see table provided for details
- NEMA 4X housing
- IK10 rated when ordered with polycarbonate lens

Model	Size
LXEW Industrial Enclosed & Gasketed LED High Bay	4-4'

Colour Temp		Nominal Lumens	
30	3000K	L	11,000
35	3500K	M	15,000
40	4000K	MH	17,000
50	5000K	H	21,000
		HV	23,000
		V	30,000
		X	36,000

(UL) (⊙) (IP65) (IP66) (IP67) (cSPus) (Built to UL 924 Standards) (DLC LISTED) (BAA) (TAA)

ALBEC

Albeo®
ALV2 Series
LED Linear Industrial Low Bay

CONSTRUCTION

Housing:	Steel body
Lens:	Polycarbonate diffused
Paint:	White Prepaint No glass in housing or lenses
Weight:	4 ft. – 11lbs max; 8 ft. – 19lbs max

Operating temperature −30°C to +45°C (−22°F to 131° F)

PERFORMANCE

Distribution:	120º Diffused Lens
Lumens:	2,000-16,000 lumens
Efficacy:	Up to 160 LPW
CCT:	3000K, 3500K, 4000K, 5000K
CRI:	80 CRI Standard (90CRI Contact factory for lead-times)

Daintree WIRELESS CONTROLS | 5 YEAR WARRANTY | DLC LISTED | UL CERTIFIED

ALBEC

EMBB
Emergency Backup Battery Module
LED Accessory

CONSTRUCTION

Housing:	Stamped Metal
Paint:	White
Weight:	2 lbs (0.91 kg)
Optical Assembly:	• EBBM lens system enables LEDs to provide optimized illumination for open floor and racked aisles with photometric distributions of 50 and 120 degrees. • Utilizes high brightness LEDs 70 CRI at 5000K CCT typical • LM-79 tests and reports are performed in accordance to IESNA standards

OPTICAL SYSTEM

Lumens:	1650lm, 1750lm
Wattage:	Up to 4W
CCT:	4000K & 5000K
CRI:	70

APPLICATIONS

- Designed to mee Life Safety Code NFPA 101 requirements
- Will provide illumination for 90 minutes while in an emergency state
- Recommended for use with the following Albeo fixture families ABC, ABH, ABV, ALC, ALV

INDUSTRIAL LIGHTING APPLICATIONS:
HAZARDOUS INDUSTRIAL ENVIROMENTS

ALBEC
AHH2 Series
Hazardous Location Luminaire

CONSTRUCTION

Housing:	Diecast aluminum
Lens:	Polycarbonate or glass lens
Corrosion Resistant Layer:	Polyester powder coat with passivation layer
Paint:	White
Weight:	21-49lbs (9.5-22kg)

PERFORMANCE

Distribution:	120º, 90º, 55º, 30º, Glass, Clear PC and diffused lens
Lumens:	9,000-60,000 lumens
Efficacy:	Up to 165 LPW
CCT:	4000K, 5000K
CRI:	70 & 80 CRI

Operating Temperature: All models: -30ºc to +60ºc
- UL844 Class 1, Division 2, Groups A,B,C,D.
- UL1598A Inside Drip-proof type (Corrosive "R" Finish)
    - 3,000hrs of ASTM B117 Salt Spray
- NEMA 4X Enclosure Type

EVOLVE®
EMFM/EFHH Series
LED Hazardous Location Flood Lights

CONSTRUCTION

Housing:	Die-cast Aluminum housing with slim design
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness. Standard = Black, Dark Bronze, Gray, White
Weight:	25-35 lbs (11.3-15.9kg)
Optical Assembly:	Reflective optic with flat glass lens
Safety:	UL/cUL Listed, suitable for wet locations
UL 1598:	Suitable for wet locations
UL 1598A:	Outside Type (Saltwater)

OPTICAL SYSTEM

Lumens:	6,400 to 39,000
Wattage:	50-196 W (EFMH) & 150 – 297 W (EFHH)
Efficacy:	104-156 LPW (EFMH) & 115-140 LPW (EFHH)
CCT:	3000K, 4000K, 5000K options
CRI:	70
UL844:	Listed • Class l Div 2, Group A, B, C, and D (zone 2) • Class ll Div 2, Group F & G (zone 22) • Class lll Div 1&2 • For Indoor and Outdoor Applications
IP66:	Optical enclosure per ANSIC136.25-2009
IP66:	3G vibration level per ANSI C136.31-2010

ALBEC
AH2A Series
High Bay Lighting Hazardous Environments

CONSTRUCTION

Housing:	Low Copper A356 Cast Aluminum
Lens:	Polycarbonate or tempered glass
Paint:	Powder coat painted housing*
Weight:	Up to 19lb (8.62kg)
Optical Assembly:	Reflective optics with flat lens

*No glass in housing or lenses if polycarbonate option is chosen
- UL598 Wet Location
- UL1598A Outside Type (Saltwater)
- UL844 Listed
    - Class l Division 2 Groups A, B, C, & D
    - Class ll Division 1, Groups E, F, and G (glass lens only)
    - Class ll Division 2, Groups F & G
    - Class lll Division 1 & 2
    - Simultaneous Presence

OPTICAL SYSTEM

Lumens:	5000-18000
Distribution:	360º, 180º, or wide distribution
Efficacy:	Up to 179 LPW
CCT:	4000K & 5000K
CRI:	70

- UL8750 LED Equipment in Lighting Products
- CAN/CSA C22.2 No. 137-M1981 Listed
- NEMA 4X Enclosure Type
- IP66 Ingress Protection Rating
- Current's Limited 5-year warranty: See website

LED Retrofit Lamps Approved for Hazardous Locations
A Smart, safe switch from HID

ED17   ED23.5   ED28

Current's LED lamps are certified for use in a variety of hazardous locations:

Class l, Division 2, Groups A, B, C, D
Class ll, Division 1, Groups E, F, G
Class ll, Division 2, Groups F, G

RATED FOR:
CLASS I, DIVISION 2, GROUPS A, B, C, D
CLASS II, DIVISION 1, GROUPS E, F, G
CLASS II, DIVISION 2, GROUPS F, G

INDUSTRY-LEADING
LUMEN Output in compact form

UL-CERTIFIED FIXTURES*
GE Lighting Filtr-Gard® H2 Series
GE Lighting Powr-Gard® H9 Series
Crouse-Hinds Champ® VMV
Appleton MercmasterTM II
Appleton MercmasterTM III
Hubbell Killark® VM Series
Holophane Petrolux® P3M
Holophane Petrolux® II PETL
Thomas & Betts Hazlux® 3 Series

50,000-hour rated life
2.5x longer life than HID

50% less energy usage
with similar light output
- up to 23,500 lumens

E39 socket adapter
included with E26
base lamps

High maximum
temperature ratings
21W: 65°C | 35W: 55°C
45W: 45°C | 80W: 55°C
150W: 40°C
Minimum starting
temperature: -20°C

Columbia LIGHTING

HEM
LED

Hazardous Enclosed and Gasketed Fiberglass Extreme Environment / LED

FEATURES

- Classifications: Class 1, Division 2, Groups A, B, C, & D
- 4' and 8' sizes
- 4800 – 16300 lumens
- Lifetime of 60,000 hours at L80 for reduced facility maintenance
- Low energy solutions
- 3000K, 3500K, 4000K, 5000K LED CCT colors for improved visual acuity on site
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Size	Lumen Package	Nominal Lumen Range (DFA LENS)	Nominal watts (Highest)	Lumens/ Watt (Highest)	Max Temp
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	HL	5,800-6,400	52	123	40ºC
	VL	7,350-8,150	68	120	40ºC
8	ML	9,700-10,700	94	114	40ºC
	HL	11,600-12,800	104	123	40ºC
	VL	14,700-16,300	136	120	40ºC

Lumens vary according to color temperatures and other factors. See specific photometric test(s). Output levels based on the DFA lens option.

DLC LISTED

Columbia LIGHTING

CRN2-LSCS
Wet Location High Bay

FEATURES

- Switchable lumen and CCT technologies maximize inventory versatility and flexibility
- 120-347V 0-10V driver
- Optional 'plug and play' occupancy sensor is easily installed into the center of the fixture
- Provides lumen packages from 15,500 to 35,040 lumens, allowing for use in a variety of applications including food processing, wash down, warehouses, gyms, garden centers and mezzanines
- Two reflector options deliver glare reduction and aesthetic customization
- Efficacy up to 162 LPW assures energy savings over traditional high bay luminaries

Key Data	
Lumen Range	15,500-35,040
Wattage Range	100-240
Efficacy Range (LPW)	Up to 162
Reported Life (Hours)	L70@50,000

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cULus labels for wet locations
- Ambient Operating Temperature range:
- Without Sensor: (Standard) -40°C to 50°C (-40°F to 122°F)
- With Sensor: -30°C to 50°C (-22°F to 122°F)
- IP65 rated
- IK07 impact rated
- NSF Splash Zone 2- food equipment standard for non-food zones rated
- NEMA 250 Type 4X rated

ALBEC

ABN1 Series
LED High Bay Lighting

CONSTRUCTION

Housing:	Cast A360 Aluminum
Lens:	Polycarbonate
Paint:	Powder coat painted housing
Weight:	16lb (7.25kg)
Optical Assembly:	LED optic array with refractive lens

OPTICAL SYSTEM

Distribution:	120º, 90º, or 60º, clear and 120º diffused lens options
Lumens:	9000-28000
Efficacy:	Up to 165 LPW
CCT:	3000K, 3500K, 4000K & 5000K
CRI:	80 & 90

NOTES

- UL 1598 Suitable for Wet Locations (IP65)
- Safety: UL/cUL Listed
- Ratings: NSF SPLASH ZONE rated, IP69K, IP66, NEMA 4X
- Environmental: RoHS compliant
- Packaging: Fixtures are individually packaged

ALBEC

ARC Series
LED IP65 Round High Bay

CONSTRUCTION

Housing:	Die-cast Aluminum
Lens:	Polycarbonate
Paint:	Powder coat painted housing. No glass in housing or lenses
Weight:	6.5-9.5lb (2.95-4.30kg)
Optical Assembly:	85º clear optic, Optional polycarbonate refractor, drop lens, or aluminum reflector.

OPTICAL SYSTEM

Lumens:	13,000-33,600
Wattage:	95-240W
Efficacy:	Up to 140 LPW
CCT:	4000K, 5000K
CRI:	80
Glare Rating:	URG<28

NOTES

- UL 1598 Suitable for Wet Locations (IP65)
- Emergency battery back-up kit accessory available w(120-277V only)

lifeshield
Lighting for Complex Spaces

LTR-6SQD (CR)
6" Square complex environment downlight
Cleanroom/ Food processing

Key Data	
Lumen Range	600-4000
Wattage Range	8-52
Efficacy Range (LPW)	62-87
Life (Hours)	L90/55,000
Input Current (mA)	66-434 (120V)

Current ⊙

LTR-4RD (CR)
4" Square complex environment downlight
Cleanroom/ Food processing

Key Data	
Lumen Range	600-4000
Wattage Range	8-52
Efficacy Range (LPW)	52-83
Reported Life (Hours)	L90/>55,000
Input Current (mA)	66-434 (120V)

Architectural Downlighting
for complex environment

- Five beam distributions allow for controlled illumination with a non-institutional appearance
- 50º cutoff to source and source image provides a low glare, distraction free environment with enhanced visual acuity for intricate tasks
- Options for color temperature range from 2700K-5000K in 80+ or 90+ CRI, as well as an option for Amber (590 nm) support a wide array of applications
- Aluminum anodized reflectors accommodate a wide array of colors and finishes
- Closed cell silicone gasket protects against dust and water ingress supports an IS) 2 cleanroom rating
- Wet location and IP66/IP69K ingress protection ratings allow use in wet environments, including hose down and high temperature, sanitation applications
- Durable, marine grade, die cast aluminum bezel trim (low-copper alloy) with optional antimicrobial paint finish is NSF2 certified
- Flush, 250º thick polycarbonate lens allows for easy wipe down and impedes the accumulation of dirt and organic material

EXTERIOR LIGHTING

DESIGN GUIDE

- Site & Area Lighting
- Architectural Parks & Rec Post Tops
- Exterior Decorative & Linear
- Sport Lighting
- Bollards

- Ingrade
- Transit
- Floods
- Landscape

RATIO FAMILY

Beacon Lighting provides comprehensive and coordinated solutions for a variety of exterior applications. A full line of luminaires are available with complementing shapes and styles that proportionally scale and add balance to the outdoor environment.

Quality construction and industry leading performance complete the package. Control options featuring photocontrols, occupancy controls and NX Distributed Intelligence™ enable optimum energy savings and customization.

AREA/SITE | Flood | Wall | Bollard

SINGLE CONFIGURATIONS

RAR1 – EPA 0.45ft²

RAR2 – EPA 0.61ft²

Type III

Type IV
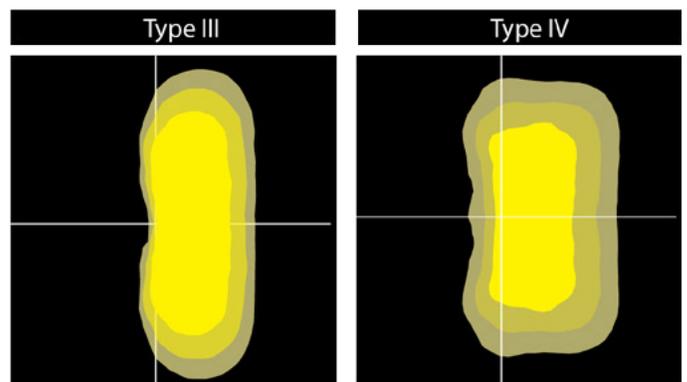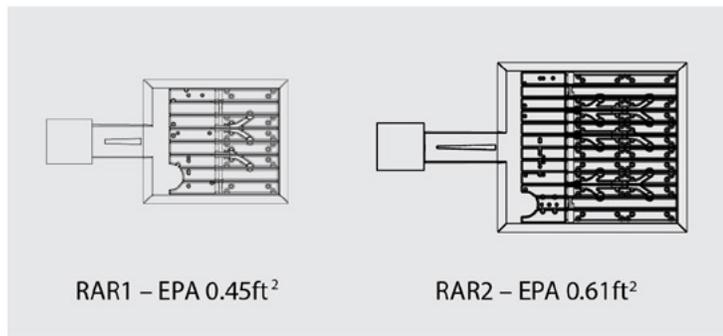
RATIO

Controls in every applications save energy, extend luminaire life and allow customizable solutions. Scalable control solutions are available cross the entire Ratio family

STANDALONE CONTROLS FUNCTIONALITY

Occupancy Sensor
- Individual fixture control
- Dims product when space is not occupied

Photocontrol
- Individual fixture control
- Turns fixture on when sun sets
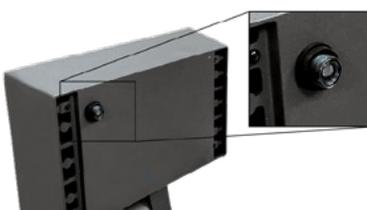
INTEGRATED CONTROLS

NX Distributed Intelligence™ platform delivers a lighting control solution capable of seamlessly connecting exterior and interior applications.
- Standalone or networked fixture control
- Astronomical time schedules
- BACnet building networking
- Connects with indoor wired, wireless or hybrid networks
- Wireless setup via app
- Occupancy Sensor option dims product when space is not occupied

7-Pin Receptacle
- Compatible with 3-pin, 5-pin or 7-pin photocontrols
- Turns fixture on when sun sets, off when sun rises
- Wireless networked solution
- For use with a variety of control platforms

*Additional accessories required

VIPER FAMILY

VERSATILITY

VIPER AREA

VIPER BOLLARD

VIPER WALL

VIPER FLOOD

DESIGN
The new Viper includes scalable Area and Flood designs capable of complementing contemporary or traditional architecture. Additional features such as multiple mounting options, replaceable power doors and an IP65 rating are standard offerings in this exceptionally versatile fixture.

PERFORMANCE
Each product is available with a variety of lumen outputs and distributions to satisfy a wide range of applications. Viper's scalability allows us to customize the output to meet specific design criteria. The precise beam control of the Viper helps reduce energy consumption and light trespass while providing high uniformity and visual acuity.

TECHNOLOGY
Simple or dynamic controls are available in every product configuration to give solutions for ever-changing code requirements and additional energy savings

PERFORMANCE

VISUAL COMFORT
The Viper's unique optical design combines visual uniformity with the precise distribution of a Total Internal Reflection (TIR) optic. Five times the luminous surface area provides optimal light distribution plus visual comfort.

BACKLIGHT CONTROL
Less than 12% of the light emitted out of Micro Strike and Strike is thrown behind the pole, meaning 88% is utilized on application. That inherently means less energy is wasted on light that is not being used. For even greater backlight control, additional backlight control shields can be used to limit spill down to 5%.

IES comparison
The Viper Wall is available with three distinct distribution patterns to illuminate a variety of applications. Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass. In the illustration below, the Viper Wall luminaires illuminate the building perimeter and contribute substantial illumination to the parking area and drive lanes adjacent to the building.

AREA MICRO STRIKE OPTICS
Micro Strike optics are one of the optical choices available in the Viper. These optics have been specifically designed to replace HID luminaires with improved uniformity on application. This, combined with the high lumens per watt, makes Micro Strike the perfect choice for the most common applications.

Benefits
- Key distributions for every day applications
- High efficacy and lumens per watt
- Single piece optic provides more visual comfort
- Phosphor converted amber LED option
- Field rotatable for flexibility in mounting orientations
- Backlight control available to reduce light behind the pole

AREA STRIKE OPTICS
Strike optics are another optic choice that allow for maximized pole spacing, minimal backlight and provide specialty distributions for unique application requirements.

Benefits
- Specialty Distributions for unique applications or specification requirements
- Maximum Fixture Spacing
- Individual optics provide greater optical control
- True amber LED option
- Field rotatable for flexibility in mounting orientations
- Backlight control available to reduce light behind the pole
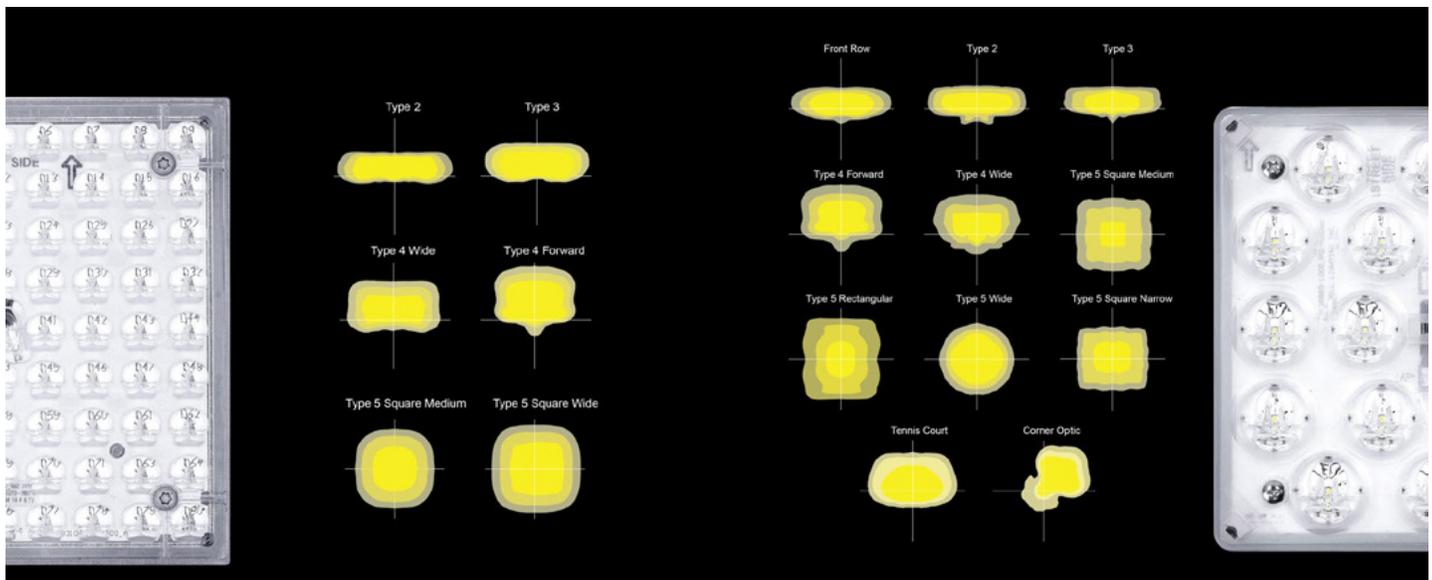
DECORATIVE & POST TOPS

BEACON Brighton

BEACON La Jolla

BEACON LCS

BEACON London

BEACON Mediterranean

BEACON Metropolis

BEACON Monaco

BEACON Traditional

BEACON Urban Micro Strike

BEACON Urban Strike Optic

BEACON Windsor

FLOODLIGHT SOLUTIONS
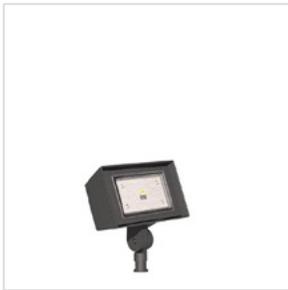
BEACON RFL2 Ratio
Floodlight
Category:
Flood
Lumen Range:
3,100-3,200 lm

BEACON RFL3 Ratio
Floodlight
Category:
Flood
Lumen Range:
4,800-6,800 lm

BEACON RFL4 Ratio
Floodlight
Category:
Flood
Lumen Range:
12,000-14,500 lm

BEACON RFL5 Ratio
Floodlight
Category:
Flood
Lumen Range:
15,000-30,000 lm

BEACON Viper
Flood Size 1
Category:
Flood, Sports Lighting
Lumen Range:
5,500-18,000 lm

BEACON Viper
Flood Size 2
Category:
Flood, Sports Lighting
Lumen Range:
18,00-33,000 lm

BEACON Viper
Flood Size 3
Category:
Flood, Sports Lighting
Lumen Range:
36,00-44,000 lm

BEACON Viper
Flood Size 4
Category:
Flood, Sports Lighting
Lumen Range:
48,00-60,000 lm

SPORT FIELD LIGHTING

Standard yoke mounting with single 3/4" bolt. Yoke also includes vertical aiming indicators, adjustable in 5 degree increments. Fixture is 3G vibration rated.

Lumen outputs up to 114,000 lumens and 153 LPW give superior performance to legacy products and provide additional energy savings.

Visor and Laser aiming accessories available and can be field installed.

Designed to efficiently light recreational, collegiate, and professional events. Arena, sign, facade, area, accent, parking lot and general security lighting applications can also utilize the Turf Sports Lighter.

Retrofit Solution

The Turf Sports Lighter is designed to replace 1500W HID products 1 for 1 and even has the capability of reducing fixture count which can result in more than 54% energy savings. This doesn't include additional savings from reduction in maintenance costs and sustained lighting levels. Upgrading your sports lighting has never been so easy!

1000w-1500w HID
to LED LAMP RETROFIT

Ballfield Benefits from an LED Lamp Upgrade
GE lamps high output BT56 Case Study

Before: 1500W Metal Halide Lamps

After: Current HO BT56 LED Lamps

Outstanding Uniformity from LED Retrofit

CEILING, CANOPY & GARAGE

BEACON Ceileo
Category:
Canopy & Garage
Lumen Range:
3,200-6,200 lm
Wattage Range:
25 - 50 W

BEACON Drive SRT1
Category:
Canopy & Garage
Lumen Range:
2,000-6,800 lm
Wattage Range:
20 - 49 W

BEACON Drive SRT2
Category:
Canopy & Garage
Lumen Range:
4,000-16,000 lm
Wattage Range:
31 – 150 W

BEACON Endura
Category:
Canopy & Garage
Lumen Range:
3,000-13,000 lm

**BEACON GSY
– Galasy ll**
Category:
Canopy & Garage
Wattage Range:
55 – 140 W

**BEACON LSQ
- Lumasquare® Series**
Category:
Canopy & Garage

BEACON VSH-Vanish
Category:
Canopy & Garage
Lumen Range:
4,400-20,200 lm
Wattage Range:
55 – 140 W

WALL MOUNT

BEACON TRP2 Geo Pak
Category:
Wall Mount
Lumen Range:
3,200-11,000 lm

BEACON VPW1 Viper Wall
Category:
Wall Mount
Lumen Range:
1,000 – 3,000 lm

BEACON VPW2 Viper Wall
Category:
Wall Mount
Lumen Range:
2,000 – 8,500 lm

BEACON VPW3 Viper Wall
Category:
Wall Mount
Lumen Range:
7,000 – 20,000 lm

BEACON RWL1 Ratio
Category:
Wall Mount
Lumen Range:
1,300 – 5,800 lm

BEACON RWL2 Ratio
Category:
Wall Mount
Lumen Range:
6,400 – 20,000 lm

BEACON Traverse
Category:
Wall Mount
Lumen Range:
3,300 – 17,000 lm

BEACON TRP1 GeoPak
Category:
Wall Mount
Lumen Range:
1,700 – 2,800 lm

BEACON QSP1 GeoPak
Category:
Wall Mount
Lumen Range:
1,700 – 2,800 lm

BEACON QSP2 GeoPak
Category:
Wall Mount
Lumen Range:
3,200 – 11,000 lm

BEACON RDI1 GeoPak
Category:
Wall Mount
Lumen Range:
1,700 – 2,800 lm

BEACON RDI2 GeoPak
Category:
Wall Mount
Lumen Range:
3,200 – 11,00 lm

STANDALONE CONTROLS FUNCTIONALITY

Occupancy Sensor
- Individual fixture control
- Dims product when space is not occupied

Photocontrol
- Individual fixture control
- Turns fixture on when sun sets
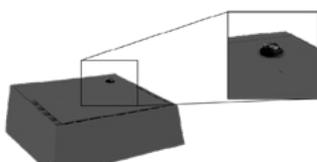
INTEGRATED CONTROLS

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- Standalone or networked fixture control
- Astronomical time schedules
- BACnet building networking
- Connects with indoor wired, wireless or hybrid networks
- Wireless setup via app
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7-Pin Receptacle
- Compatible with 3-pin, 5-pin or 7-pin photocontrols
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*Additional accessories required

KIM LIGHTING

KIM LIGHTING
Ouro Edge-Lit Post Top
Category:
Area, Site & Roadway,
Decorative & Post Top
Lumen Range:
2,958 – 15,227 lm

KIM LIGHTING
Ouro Edge-Lit Solo Arm
Category:
Area, Site & Roadway,
Decorative & Post Top
Lumen Range:
2,958 – 15,227 lm

KIM LIGHTING
Ouro Post Top
Category:
Area, Site & Roadway,
Decorative & Post Top

KIM LIGHTING
Ouro Solo Arm
Category:
Area, Site & Roadway,
Decorative & Post Top

KIM LIGHTING
Ouro Arm Mount
Category:
Area, Site & Roadway,
Wall Mount

KIM LIGHTING
Ouro Edge-Lit Arm Mount
Category:
Area, Site & Roadway,
Wall Mount
Lumen Range:
3,105 -16,091 lm

KIM LIGHTING
Solitaire
Category:
Decorative & Post Top
Lumen Range:
3,155 -15,616 lm

KIM LIGHTING
Era® RA
Category:
Decorative & Post Top
Lumen Range:
2,220 – 20,195 lm

KIM LIGHTING
The Archetype®
Category:
Area, Site & Roadway
Lumen Range:
2,714 – 20,338 lm

KIM LIGHTING
The Entablature®
Category:
Area, Site & Roadway
Lumen Range:
2,496 – 11,138 lm

KIM LIGHTING
Warp9®
Category:
Area, Site & Roadway
Lumen Range:
1,783 – 14,924 lm

KIM LIGHTING
Curvilinear Cutoff
Category:
Area, Site & Roadway
Lumen Range:
1,286 – 24,572 lm

KIM LIGHTING
Altitude®
Category:
Area, Site & Roadway
Lumen Range:
5,001 – 50,000 lm
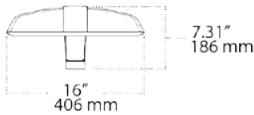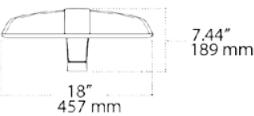
Altitude Strike Optics Type IV Distribution + Backlight control

NX Wireless,
PIR Occupancy
Sensor,
Dimming Daylight
Harvesting

Combining Backlight Control with Strike Optics reduces backlight to less than 1 mounting height behind pole while maintaining optimal curb line and forward throw.

9% Backlight

5% Backlight

Size 3
No Lens | Up to 135 lumens/watt

168L-305	40,000 lm
168L-350	45,000 lm
168L-385	50,000 lm

Size 2
No Lens | Up to 139 lumens/watt

100L-160	20,000 lm
100L-200	25,000 lm
100L-240	30,000 lm
100L-285	35,000 lm

Size 1
No Lens | Up to 148 lumens/watt

28L-20	3,000 lm
28L-40	5,000 lm
28L-60	7,500 lm
28L-85	10,000 lm
56L-95	12,500 lm
56L-120	15,000 lm
56L-155	17,500 lm

Dimension diagrams:

ALT1 — 3" / 76 mm; 24.56" / 624 mm; 7.5" / 191 mm; 14" / 356 mm; EPA Side View .64, Front View .37; Weight 21.5 lbs. 9.75 kg

ALT2 — 3.5" / 89 mm; 30.06" / 764 mm; 7.31" / 186 mm; 16" / 406 mm; EPA Side View .85, Front View .44; Weight 34.6 lbs. 15.69 kg

ALT3 — 3.5" / 89 mm; 34.56" / 878 mm; 7.44" / 189 mm; 18" / 457 mm; EPA Side View .98, Front View .50; Weight 46.2 lbs. 20.95 kg

KIM LIGHTING
Bounce®
Category:
Decorative & Post Top
Lumen Range:
1,780 – 9,264 lm

KIM LIGHTING
Era® Acorn AE
Category:
Decorative & Post Top
Lumen Range:
2,501 – 30,000 lm

KIM LIGHTING
Era® Bell BE
Category:
Decorative & Post Top
Lumen Range:
2,501 – 30,000 lm

KIM LIGHTING
Era® Lantern LE
Category:
Decorative & Post Top
Lumen Range:
1 – 5,000 lm

CEILING | CANOPY | GARAGE

KIM LIGHTING
PGL8

Category:
Wall Mount, Canopy & Garage
Lumen Range:
4,189 – 13,860 lm
Wattage Range:
50 – 150 lm

KIM LIGHTING
Prevent Round

Category:
Wall Mount, Canopy & Garage
Lumen Range:
1,260 – 7,430 lm

Nearly three decades ago, Kim Lighting set the bar for parking garage lighting with the introduction of the PGL. This innovative product was the first to offer an integrated, direct/indirect luminaire purposely designed for modern parking garage facilities.
This rich legacy of leading edge innovation and performance continues with PGL8. With an Edge-Lit Drop Lens, sleek form and a broad offering of control solutions, Kim Lighting raises the bar again for parking garage illumination.

| PGL1/4 | PGL2/3 | PGL5/6 | PGL7 | PGL8 |

MOUNTING & CONNECTION

LINEAR MOUNTING

PENDANT MOUNT
CEILING MOUNT
WALL MOUNT

ROUND MOUNTING
CEILING MOUNT
WALL MOUNT

EXTERIOR LINEAR

PURSUIT™

SURFACE | PENDANT | RECESSED

LINEAR WITHOUT LIMITATION

CONTROL OPTIONS
- SCP - Dim Occupancy Sensor
- NXWE∗ - NX Networked Wireless Radio Module, without Sensor
- NXOSW∗ - NX Networked Wireless Radio Module and Integral NXSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming

PHOTOCELL OPTIONS
- PC Button Photocell

CONTROL INTEGRATION
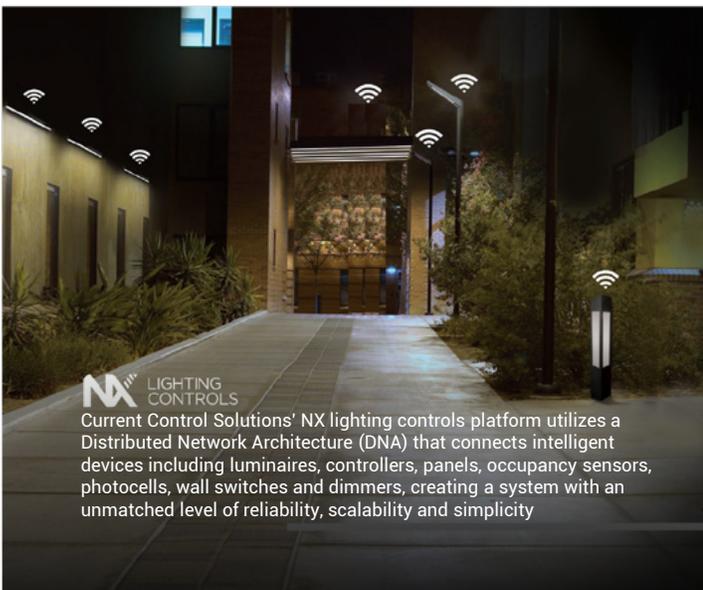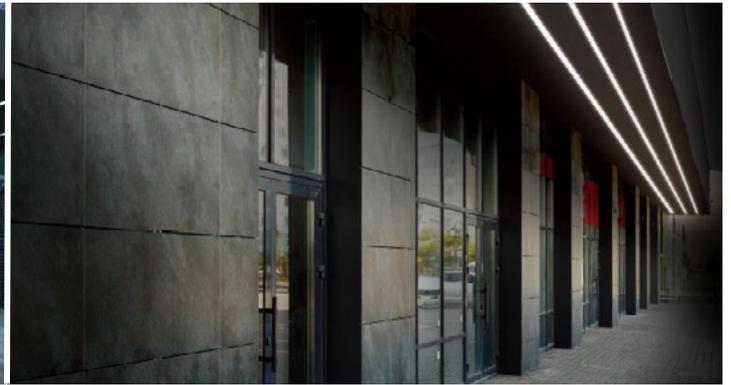
Current Control Solutions' NX lighting controls platform utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity

FLOODLIGHTING

KIM LIGHTING
KFL RGBW
Architectural Floodlights
Category:
Flood

KIM LIGHTING
KFL Static White
Architectural Floodlights
Category:
Floor
Lumen Range:
1,839 – 21,710 lm

KIM LIGHTING
Intent RGBW
Architectural Floodlights
Category:
Flood
Lumen Range:
657 – 3,271 lm

KIM LIGHTING
Intent Static White
Architectural Floodlights
Category:
Flood
Lumen Range:
2,803 – 15,162 lm

SPOT
lighting

COLUMN
lighting

SIGN

TREE
landscape

BRIDGES

WALL MOUNT

KIM LIGHTING
Director® 2.0
Category:
Wall Mount
Lumen Range:
2,500 – 16,000 lm

CANOPY LIGHTING

Ideal for lighting canopies, the Wall Director's -5° to +10° of adjustable tilt optimizes lighting effects.

WALL DIRECTOR

The next generation Wall Director is the evolution of the Kim Classic. The timeless design has been refined to a smaller profile luminaire while being true to the simple flowing lines and architectural shape. Wall Director offers high performance IES distributions, high comfort diffused lens option, integral controls, and battery backup.

KIM LIGHTING
Site Wallforms®
Category:
Wall Mount
Lumen Range:
1 – 2,500 lm

SW1/36L5KUV/DB

SW3/36L5KUV/SG

KIM LIGHTING
Cypher-Rounded Edge
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

KIM LIGHTING Cypher-
Triangle/Wedge
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

KIM LIGHTING
Cypher-Circle/Curved
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

KIM LIGHTING Cypher-
Cylinder Balanced/Tall
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

KIM LIGHTING
Cypher-Flat
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

KIM LIGHTING
Cypher-Ghost
Category:
Wall Mount
Lumen Range:
1,300 – 5,000 lm

Current ⊙

**KIM LIGHTING
In-Grade Minivault**
Category:
In Grade

**KIM LIGHTING Lightvault®
8 Directional Marker**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 Eyeball**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 Flat Frame**
Category:
In Grade
Lumen Range:
1 −5,000 lm

**KIM LIGHTING Lightvault®
8 Half Shield**
Category:
In Grade
Lumen Range:
1 −5,000 lm

**KIM LIGHTING Lightvault®
8 RGBW Eyeball**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 RGBW Flat Frame**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 RGBW Half Shield**
Category:
In Grade
Lumen Range:
1 −2,500 lm

**KIM LIGHTING Lightvault®
8 RGBW Rock Guard**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 RGBW Stainless Steel**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 Rock Guard**
Category:
In Grade
Lumen Range:
1 − 2,500 lm

**KIM LIGHTING Lightvault®
8 Stainless Steel**
Category:
In Grade
Lumen Range:
1 − 5,000 lm

Current ⊙

Protection for Infrastructure
Impact bollards can be used to protect valuable infrastructure: electrical boxes, telephone switch boxes, water shut off valves, etc., keeping vehicles at safe distance. (Product above specified with RAL 1003 Signal Yellow)
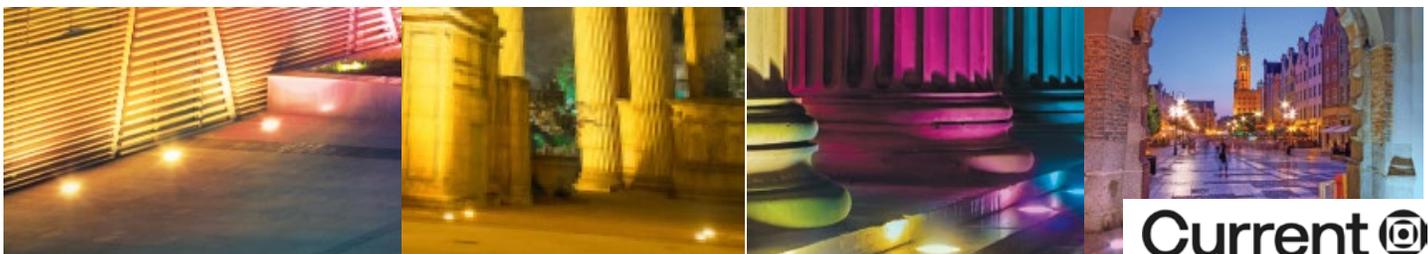
Lane Delineation for Cyclists
Marked bike lanes along the road are often not enough to keep cyclists safe. Impact bollards prevent motorists from crossing over into the bike lane while making a right turn or using them as parking lanes. Bollards used to delineate lanes requires drivers to sharing the roadway with cyclists and to stay in their own lanes.

Design
CONSIDERATIONS

Pedestrian Safety
Bollards can help guide traffic in congested areas such as parking lots to define traffic lanes and help the flow of traffic, demark entry and exit points, and provide protection to parking booths. A frequent application is using impact bollards in malls, shopping centers to prevent cars from jumping the curb to protect pedestrians foot traffic.

Traffic Barrier
Closely spaced lines of bollards can form a traffic barrier to separating vehicles from pedestrians, bicycles, wheelchairs, and strollers. Typical applications for parking lot entrance to a stores or malls, and at the intersection where streets have converted to outdoor malls or pedestrian walking ways.
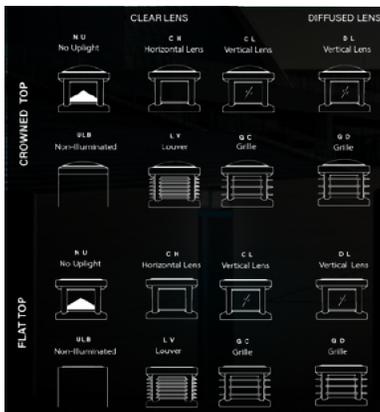
IMPACT RATED
Pavilion can be configured with louvers, grilles or choice of a clear or a diffused vertical lenses for increased vertical illumination with no glare at normal viewing angles and are optimized to deliver class-leading efficacy.

ENGINEERED EXCELLENCE

DECORATIVE PAVILION BOLLARD SLEEVE

60" STEEL POST
Provides the strength to resist impact

STRESS BRACKET
Centers the post in the hole allowing even distribution of concrete around the post.

REBARCAGE
Reinforce the concrete

THE PAVILION IMPACT BOLLARD is being offered in two 44" models: non-illuminated (blind) or illuminated. The illuminated version offers all of the options available with the standard Pavilion: six distributions, seven optical options, crowned or flat top, optional RGBW color ring and control option. A matching 44" standard version is available to match the Impact bollard to blend seamlessly with the rest of the project.

CRASH RATED VS. SECURITY
Kim's impact bollard systems are full-scale crash tested by an independent accredited test agency to meet ASTM F3016 and proven safety solutions for stopping a 5,000-lb passenger truck at 10, 20, or 30 mph. These should not be confused with "engineered solutions" where calculations or finite element analyses are performed to estimate the bollard's performance. Full documentation is available showing these bollards have been real-world, dynamically tested to meet the rigorous criteria of ASTM F3016 and will perform as specified.

THE IMPACT BOLLARD
meets the American Society for Testing and Materials (ASTM) S20 rated. The S20 rating from a nominal minimum test velocity of 20 mph with a permissible speed range of 19.0 to 27.4 mph for vehicles weighing up to 5000 pounds. This is the ideal solution for parking lots or walkway applications to protect pedestrians and property from errant vehicle traffic.

DISTRIBUTIONS
PAVILION
is an architectural solution for any project that would like to provide safety to pedestrians and Property without the high security look. It can be configured for a wide range of applications:
- pedestrian
- walkways, crosswalks, bike paths, parking
- garages and mall parking lots. Pavilion
- delivers 5 IES distribution types: I, II, III, III
- with house side shield, IV, V

architectural
area lighting

ARCHITECTURAL AREA
Lighting Flex®

ARCHITECTURAL AREA
Lighting Kick™ Medium

ARCHITECTURAL AREA
Lighting Kick™ Mini

ARCHITECTURAL AREA
Lighting Kick™ Mini Small

ARCHITECTURAL AREA
Lighting Kick™ Small

ARCHITECTURAL AREA
Lighting Slide - Catenary

ARCHITECTURAL AREA
Lighting Slide - Pendant

ARCHITECTURAL AREA
Lighting Slide - Post Top
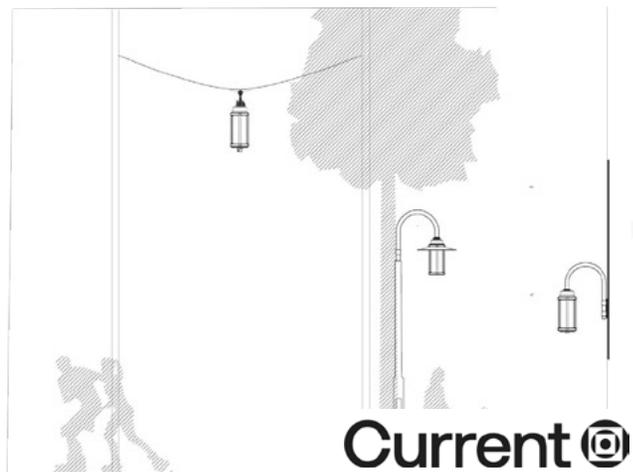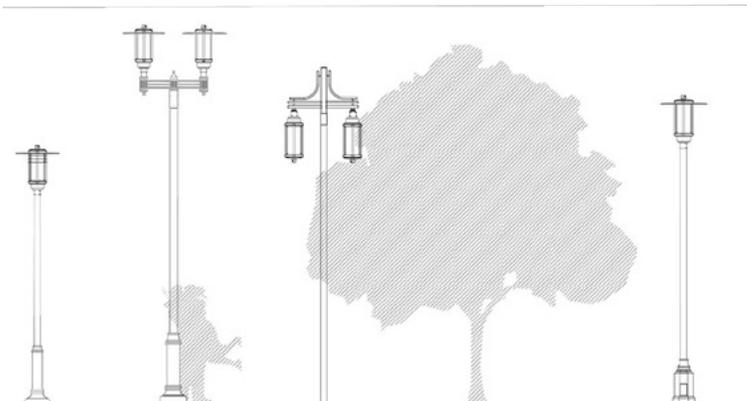
Current

ARCHITECTURAL AREA
Lighting Federal Globe
Large

ARCHITECTURAL AREA
Lighting Federal Globe
Small

ARCHITECTURAL AREA
Lighting Largent – SLVT2

ARCHITECTURAL AREA
Lighting Parkway Square®
Accent

ARCHITECTURAL AREA
Lighting Parkway Square®
Pedestrian

ARCHITECTURAL AREA
Lighting Promenade
– PRM22

ARCHITECTURAL AREA
Lighting Promenade
– PRM32

ARCHITECTURAL AREA
Lighting Promenade
– PRMD2

ARCHITECTURAL AREA
Lighting Promenade
- PRMN2

ARCHITECTURAL AREA
Lighting Promenade
- PRMS2

ARCHITECTURAL AREA
Lighting Providence®
Large – PROL2

ARCHITECTURAL AREA
Lighting Providence®
Large – PROV2

ARCHITECTURAL AREA
Lighting Providence®
Small

ARCHITECTURAL AREA
Lighting Spectra
Large

ARCHITECTURAL AREA
Lighting Spectra
Small

ARCHITECTURAL AREA
Lighting Towne
Commons® – ALN440

ARCHITECTURAL AREA
Lighting Towne
Commons® - ALN445

ARCHITECTURAL AREA
Lighting Universe®
Large – UCL2

ARCHITECTURAL AREA
Lighting Universe®
Medium – UCM2

ARCHITECTURAL AREA
Lighting Universe®
Small

LED BOLLARD COLLECTION

Vandal Square Bollard

High Performance Bollard

Site Lightform 3

Site Lightform 5

architectural arealighting
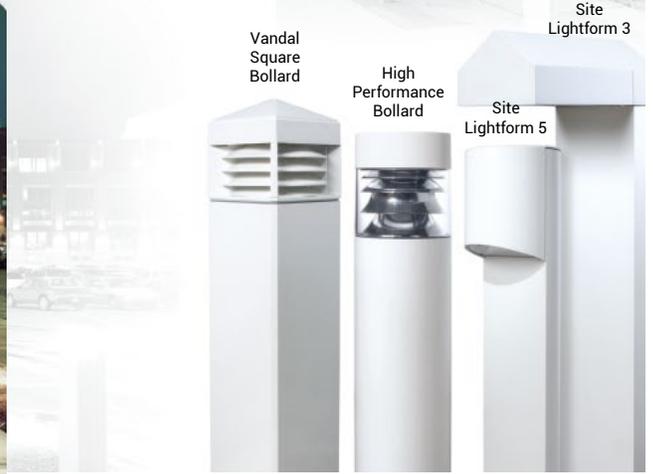
ARCHITECTURAL AREA Lighting Kick™ Bollard
Category:
Bollards
Lumen Range:
1 – 2,500 lm

ARCHITECTURAL AREA Lighting Providence®
Category:
Bollards
Lumen Range:
1 – 2,500 lm

ARCHITECTURAL AREA Lighting Spectra Bollard
Category:
Bollards
Lumen Range:
1 – 2,500 lm

ARCHITECTURAL AREA Lighting Universe® Bollard
Category:
Bollards
Lumen Range:
1 – 2,500 lm

BEACON design . performance . technology

BEACON Fresno Bollards
Category:
Bollards
Lumen Range:
600 – 1,900 lm

BEACON RBD Ratio Bollard
Category:
Bollards
Lumen Range:
1 – 3,200 lm

BEACON Viper Bollard
Category:
Bollards
Lumen Range:
1,000 – 6,000 lm

SLING BOLLARD – ROUND | SQUARE

SGB-R-LSCS   SGB-S-LSCS

EXO OUTDOOR LIGHTING

Current

LED BOLLARD COLLECTION

KIM LIGHTING

KIM LIGHTING B30 Traditional Bollards
Category:
Bollards

KIM LIGHTING Bounce ® Bollard
Category:
Bollards
Lumen Range:
1 − 2,500 lm

KIM LIGHTING CB/VRB/VSB/B30 LED KIT
Category:
Bollards, Retro Kits
Lumen Range:
2,501 − 5,000 lm

KIM LIGHTING Compact Bollards
Category:
Bollards
Lumen Range:
1 − 2,500 lm

KIM LIGHTING Gem LED Replacement Kit
Category:
Bollards, Retrofit kits
Lumen Range:
1 − 2,500 lm

KIM LIGHTING Gem® Performance Bollards
Category:
Bollards
Lumen Range:
1 − 2,500 lm

KIM LIGHTING Mini Bounce
Category:
Bollards
Lumen Range:
1 − 2,500 lm

KIM LIGHTING Impact Bollard
Category:
Bollards
Lumen Range:
397 − 2,350 lm

KIM LIGHTING Pavilion Round
Category:
Bollards

KIM LIGHTING Pavilion Square
Category:
Bollards

KIM LIGHTING Lightforms
Category:
Bollards
Lumen Range:
1 − 2,500 lm

KIM LIGHTING Vandal -Resistant Round Bollards
Category:
Bollards

Current

SLING: AREA | SITE

AREA & SITE

Size	Sling Area/Site (ASL1)	Sling Area/Site (ASL1)	Sling Area/Site (ASL2)
Lumens	3,000–6,000	9,000–18,000	21,000–36,000
Watts	25-50W	70–135W	145-255W
LPW	140	143	148
Mounting	Mast Arm, Wall	Mast Arm, Wall	Mast Arm, Wall
CCT	3K, 4K, 5K	3K, 4K, 5K	3K, 4K, 5K
Distributions	2, 3, 4F, 4W, 5QW	2, 3, 4F, 4W, 5QW	2, 3, 4F, 4W, 5QW
Surge Protection	20kA	20kA	20kA
Legacy Equivalence	100–175W	175–400W	400–1000W

WALL MOUNT | versatile design and control

4" junction box with easy install mounting plate

Four 1/2" threaded hubs for surface conduit wiring

Standard clear lens and optional comfort lens accessory

Rugged die-cast housing features isolation of LED driver from light engine and heat dissipating vents for maximum LED life and performance

FLOODLIGHTING

SWITCHABLE WATTAGE & CCT   IP66   DLC LISTED   DLC LISTED PREMIUM   UL CERTIFIED

BOLLARDS

CEILING | GARAGE | CANOPY

Current

EXO OUTDOOR LIGHTING

AREA & SITE

EXO SG Sling Wall
Category:
Wall Mount, Flood

EXO SGD Sling Dusk-to-Dawn
Category:
Wall Mount, Area,
Site & Roadway

EXO Sling Area
Category:
Area, Site & Roadway
Lumen Range:
5,001 – 30,000 lm

EXO Sling Area tradeSELECT
Category:
Area, Site & Roadway
Lumen Range:
5,001 – 30,000 lm

WALL MOUNT

EXO LNC Litepack
Category:
Wall Mount
Lumen Range:
1 – 2,500 lm

EXO LNC2 LitePak Micro Strike
Category:
Wall Mount
Lumen Range:
1 – 5,000 lm

EXO Perimaliter®
Category:
Wall Mount
Lumen Range:
2,500 – 10,000 lm

EXO Perimaliter® PVL3
Category:
Wall Mount
Lumen Range:
2,500 – 10,000 lm

EXO Prelude Wallpacks
Category:
Wall Mount
Lumen Range:
700 – 8,000 lm

EXO PRS Perimashield
Category:
Wall Mount
Lumen Range:
1 – 2,500 lm

EXO VBGL2-VWGL2 Wet Location LED Vaportites
Category:
Wall Mount, Canopy & Garage

EXO WGH Switchable
Category:
Wall Mount
Lumen Range:
3,000 – 17,000 lm

FLOODLIGHTING

EXO Lightscraper® Floodlight
Category:
Flood, Landscape
Lumen Range:
984 – 2,000 lm

EXO Lightscraper® RGBW Floodlight
Category:
Flood
Lumen Range:
142 – 1,950 lm

EXO Marshal
Category:
Flood
Lumen Range:
2104 lm

EXO MBUL Mini Decorative LED Bullet
Category:
Flood, Landscape
Lumen Range:
1 – 2,500 lm

Current

AREA & SITE

EVOLVE® EACL

The EACL expands the range of lumen packages down to 3,000 lumens. It is a cost-effective solution for exterior applications requiring below 20,000 lumens

EVOLVE® EALS

The EALS is ideal for commercial property site-lighting with various mounting options, up to 30,000 lumens and a robust design that allows flexibility.

EVOLVE® EALP

The EALP offers a variety optical and lumen packages, with three color temperatures and multiple mounting options for ultimate application flexibility.

EVOLVE® Sports Lighter (ESPL)

The Evolve ESP LED sports lighter is designed to replace legacy 1500W HID systems one-for-one.

DECORATIVE LED POST TOPS

EVOLVE® EPAM

The Evolve® EPAM Series LED Americana Post Top offers energy efficiency and quality of light in a classic, Acorn look and style.

EVOLVE® EPTT

The Evolve® EPTT Series LED Post Top - Town & Country offers energy efficiency, improved uniformity, and high quality of light with a classic open or refractor style.

EVOLVE® EPST

The Evolve® EPST Series LED Post Top - Salem offers energy efficiency, improved uniformity, and quality of light in a classic, utility carriage look and style.

EVOLVE® EPTC

The Evolve® EPTC Series LED Post Top - Contemporary Twin Support offers energy efficiency, and quality of light in your choice of two distinct, modern styles.

CANOPY & GARAGE

EVOLVE® ECLS

The ECLS offers energy efficiency and quality of light in a sleek low-profile look and style. Ideal for closed ceiling, drive thru and sidewalk applications.

EVOLVE® ECLP

The ECLP offers energy efficiency and quality of light in a sleek low-profile look. Suitable for wet locations, optimized for open canopy applications.

EVOLVE® EG2R

The EG2R features advance LED optic specifically designed for applications such as parking decks, with high uniformity and reduced glare it is ideal for safety.

FLOODLIGHTS

EVOLVE® EFC

The EFC Compact Flood Light is a replacement for 50W to 150W HID general purpose flood luminaires offering significant energy savings with a long-life LED light source.

EVOLVE® EFH

The EFH offers world class performance and durability. Ideal for traditional flood solutions like building facade, billboard, warehouse docks and freight yards.

EVOLVE® EFM

The EFM is our mid-lumen option for flood lighting built for durability. Ideal for general flood lighting and designed to replace up to a 400W HID fixture.

EVOLVE® EFMH

The EFMH is a medium output line of Hazardous Rated flood lights offering world class performance and durability for industrial, indoor or outdoor applications.

Current

EAP1/AREA/SITE/ROAD LIGHTER

- Compact sleek design with multiple lumen output configurations and simple installation
- Field switchable lumens (13,000 - 23,000)
- Field switchable CCT (3000K, 4000K, 5000K)
- Ships with Type 3, Type 4, and Type 5 optics, which can easily be changed in the field
- Mounting options include Arm for Round or Square Pole and Knuckle Slipfitter. Wall mountable with optional accessory
- Field installable occupancy sensor available as an optional accessory
- Default Configuration: 150W, 4000K, Type 3 Distribution

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Separate optical and electrical compartment for improved thermal management and optimum component operation
- TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- Ships with Type 3, Type 4, and Type 5 optics, which are easily switchable in the field.
- Field switchable CCT (3000K, 4000K, 5000K)
- Zero uplight at 0 degrees of tilt

INSTALLATION

- Arm mounting with Evolve drill pattern and knuckle capable of rotating upward 30-dgrees at 5-degree increments.
- Slipfitter for 2-3/8" OD tenons with built-in knuckle rotatable upward and downward 90-degrees at 5-degree increments.

ELECTRICAL

- Universal 120-347V
- Ambient operating temperature -40˚C to 50˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power overvoltage, over-current protection and short circuit protection with auto recovery
- 10KV Surge protection is standard

CONTROL

- 0-10 Volt Dimmable Driver Standard controls

CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- 3G rated for ANSI C136.31 high vibration applications
- IP65 optical assembly

WARRANTY

- 5 Year warranty

STOCK ORDERING INFORMATION

Catalog Number	Includes	Lumens	Wattage	CCT	Voltage	Distribution	Finish
EAP1150WLSCSARM	Arm Mount	13,032 - 22,944	85-150	3000K, 4000K, 5000K1	20-347V	Type 3, Type 4, Type 5	Dark Bronze
EAP1150WLSCSKSF	Knuckle Slipfitter	13,032 - 22,944	85-150	3000K, 4000K, 5000K1	20-347V	Type 3, Type 4, Type 5	Dark Bronze

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
HB03DPR	Field Installed Occupancy and Daylight Sensor
HB03DPR-REMOTE	Programming Remote for HB03DPR Sensor (Typically one required per site to program the sensors)
SGS-HSS	Field Installed House Side Shield
241-C-DBT	Flat surface bracket (Wall Mount Accessory. Compatible with slipfitter mounting only.)

OUTDOOR LINEAR

AQUAS

HYDRO
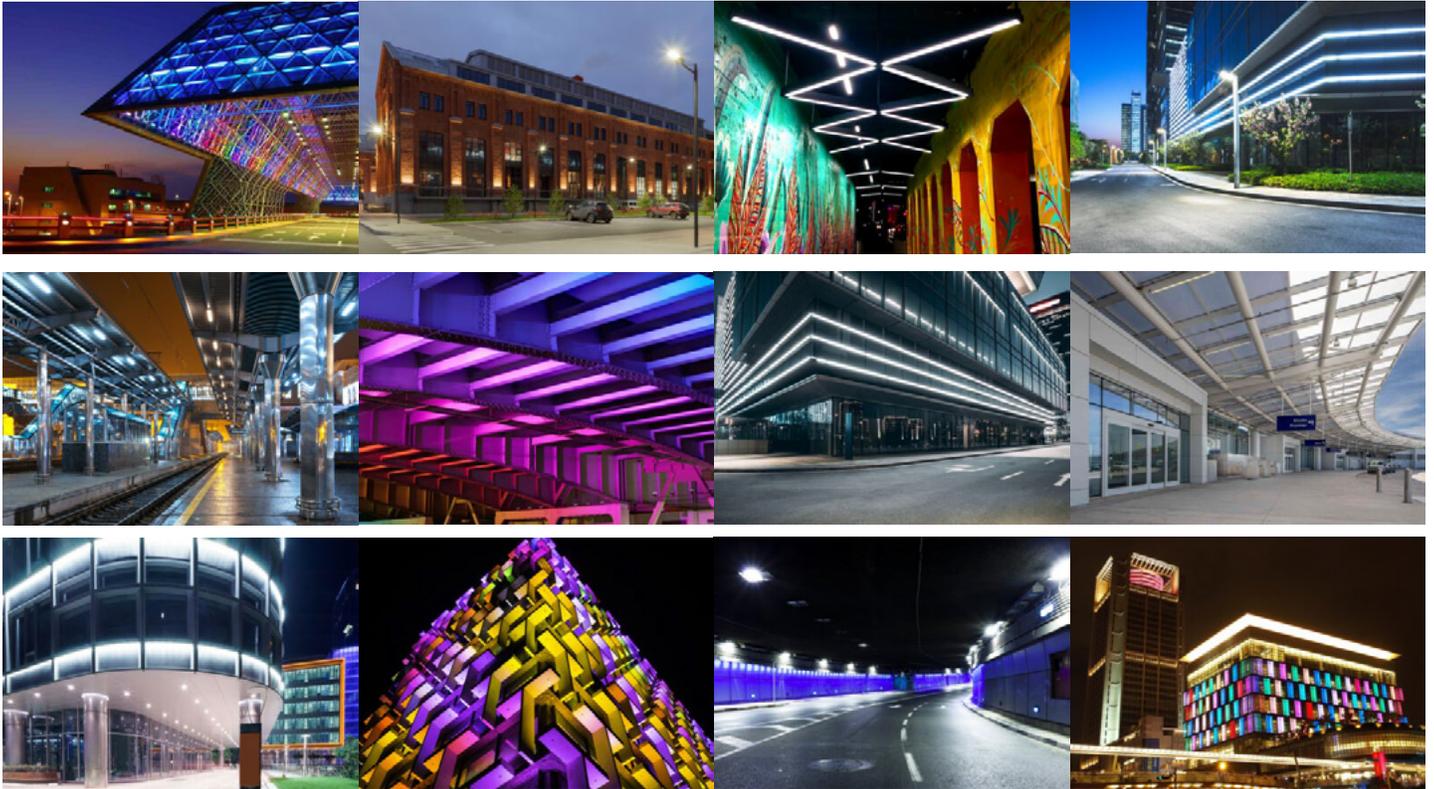
AQUAS

NX LIGHTING CONTROLS

NX LIGHTING CONTROLS

CONNECTED LIGHTING - OUTDOOR

Wireless Solutions

NX Lighting Controls offers a broad portfolio of wireless control devices and NX enabled luminaires to deliver a scalable solution to support a variety of outdoor standalone and networked applications. With the removal of wires and simple programming through mobile app or enterprise software, NX Wireless provides a cost-effective install with multiple integrated control methods to comply with code and reduce energy costs. Please scan QR code to view complete list of NX enabled luminaires from Current.

architectural area lighting   BEACON design. performance. technology   EXO   KIM LIGHTING

Site & Area	**Bollard**	**Flood & Wall Mount**
Canopy & Garage	**Sensors**	**Integrated Solutions**

SYSTEM OVERVIEW

NX Enabled Indoor Luminaires

NX Lighting Control Panel

NX Enabled Outdoor Luminaires

NX Lighting Controls Mobile App

NX Room Control

Network and Software Interfaces for System Management

ONE SYSTEM WIRED AND WIRELESS
Inside and Out

INDOOR & OUTDOOR DEPLOYMENT
Single System for any commercial site spanning indoor and outdoor applications

CONNECTED LIGHTING PORTFOLIO
Broad offering of NX Enabled Luminaires that simplify installation and system costs

INTELLIGENCE IS IN OUR DNA
Utilizes a Distributed Network Architecture (DNA) to eliminate single point of failure to deliver unmatched reliability and scalability

SITE MANAGEMENT
NX Network provides single user interface for system maintenance and configuration

BUILDING INTEGRATION
The NX system is BTL certified ensuring a seamless experience with existing building management systems

Current

GS Lighting Group
A division of Gross Sales Ltd.

30+ YEARS

ARCHITECTURAL LIGHTING

COMMERCIAL INSPIRATION

DESIGN GUIDE
- Linear Lighting Systems
- Decorative Pendants
- Decorative Ceiling Mounts
- Decorative Wall Mounts
- Decorative Recessed Options

light the 💡 *fun up!*

SCALE
WITHOUT WEIGHT

Current | **LITECONTROL**
making light work™

AIRA
Open Center Luminaire
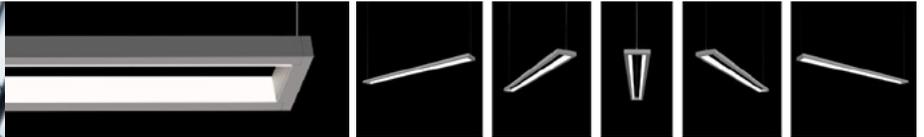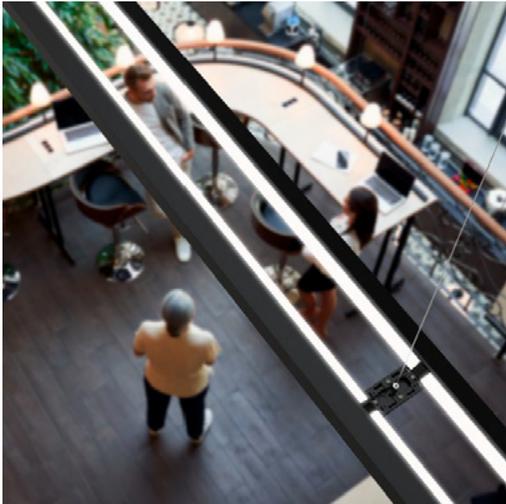
Elegant from all Angles

Subtle details define the architectural environment, and subtle details define Aira as well. A clean read of brightness at the leading edge of the extruded rail provides definition. A design detail that helps define the fixture, and therefore your space, as exceptional.

Viewing life from all angles provides a confidence, an understanding. Viewing Aira from all angles provides the same.
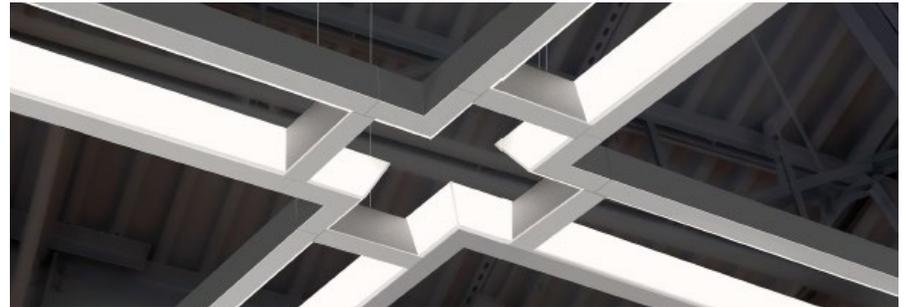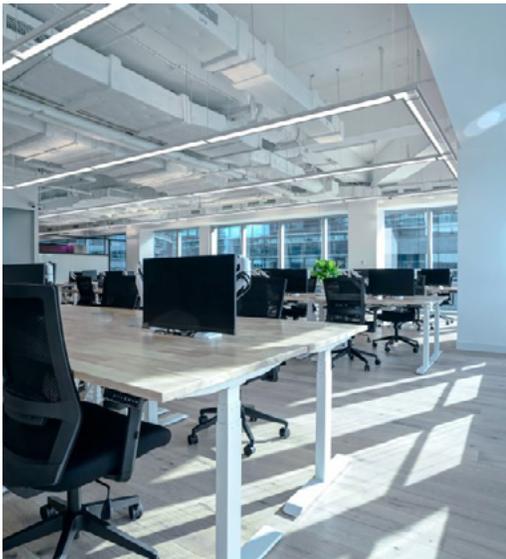
Define your Space

Space definition allows one to interpret the environment. Aira's luminous, open-center system connectors enable this definition without sacrificing the spirit of the luminaire. The flexibility your environment demands, executed with the thoughtfulness Aira demands.

QS10 **NX LIGHTING CONTROLS** **TriGain technology** **SpectraSync Color Tuning Technology** **VI Variable Intensity Technology**

bend

Mounting

4.75"
2.93"

4.75"
4.5"
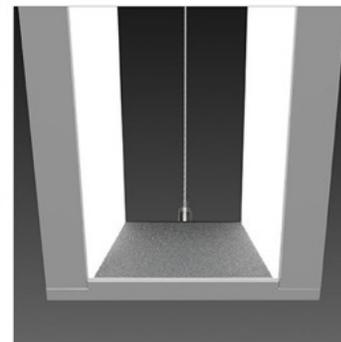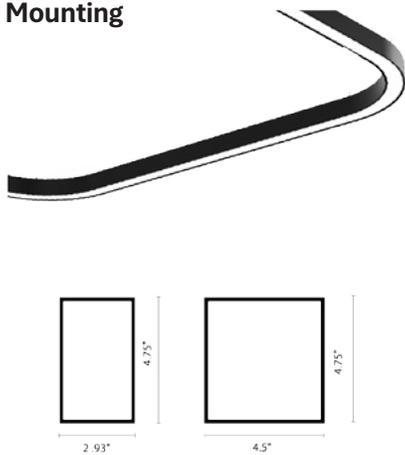
The Bend has an infinite amount of custom shapes for standard circular fixtures to add a clean architectural detail to any project. It offers several housing sizes, including 3" or 4" wide apertures, and multiple light distribution options. The Bend fixture not only offers an ultra-thin aircraft cable mounting system, rigid stems and surface mounting, but also a recessed option for varying types of ceiling materials.

Models

1. 88L-P-D-3-8-04-WOL-C5-35K-D080-D01-1C-UNV-FA1 - QTY x 2
2. 88L-P-D-3-A4/90-WOL-C5-35K-D080-D01-1C-UNV-FA1 - QTY x 4
3. 88L-P-D-3-4-04-WOL-C5-35K-D080-D01-1C-UNV-FA1 - QTY x 2
4. 88L-P-D-3-A4/90-WOL-C5-D100-D01-1C-UNV-FA1 - QTY x 4

FEATURES

- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- 950 lumens max. See performance data table for additional information.

A: (QTY 2) 88L-DW-D-3-2-02-WOL-C4-35K-D080-D01-1C-UNV-FA1
B: (QTY 2) 88L-DW-D-3-8-08-WOL-C4-35K-D080-D01-1C-UNV-FA1
C: (QTY 4) 88L-DW-D-3-A4/90-WOL-C4-35K-D080-D01-1C-UNV-FA1

A: (QTY 4) 88L-DW-D-3-A4/90-WOL-C5-35K-D100-D01-1C-UNV

45°   90°   180°

Ø5"

¼-20 Threaded Rod (By others)

1/4-20 THREADED ROD (BY OTHERS)

Cross section Pendant

Cross section Surface

MOD x
Recessed Mount

2L 3L 4L 6L

Aperture Widths
2
3
4
6

Fixture Lengths
2
3
4
5
6
8
(3" increments)

Ceiling Type
Drywall
Trimless
15/16" LG
9/16" NG
9/16" Screw Slot

Fixture Distribution
Direct

Downlight Distribution
Lambertian
Asymmetric
Batwing

Downlight Diffuser
Soft Diffuse
Regressed
Blade Baffle w/ Overlay
Drop
Asymmetric
Batwing

Finish
Matte White
Textured Matte White
Light Silver
Machined Aluminum
Carbon Black
Textured Camera Black
Custom Color

Direct
Lambertian
SOF/REG/
BWO/DRP
Asymmetric
ASYM
Batwing
BAT

Color Temperature
27K
30K
35K
40K
50K
80CRI
90CRI
SpectraSync™

Outputs
Direct
2L: 300-1000
3/4/6L: 300-1250

Driver
0-10V
Lutron
Dali

Controls
NX Lighting Controls
Zigbee
Daylight
Occupancy

Additional Options
347V
Emergency
Chicago Plenum Rated
IC rated

Surface Mount

Recessed Mount

Perimeter Wall/Slot Mount

Pendant, Wall, Surface Corners & Patterns

Recessed Perimeter Wall/Slot Corners & Patterns

Wall Mount

Pendant Mount

surface

semi-recessed

recessed

recessed to pendant

semi-recessed to pendant

pendant

NELO™ NELO™+

NOTE 67L

Fresh and contemporary styling that brings direct illumination, performance and versatility, all within a slim profile. Providing three lens design selections with Pendant, Surface and Wall mounting options to complement a variety of environments and applications.

3"
2"
3⁷/₈"

3¹/₂"
2"
3¹¹/₁₆"

3"
3¹⁵/₁₆"
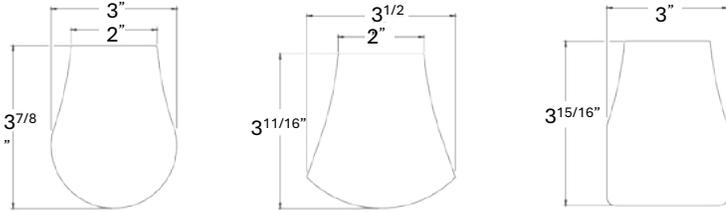
The BELL lens adds a stylish flair with crisp corners and soft arches.

The SQUARE lens evokes a classic look in a modern form.
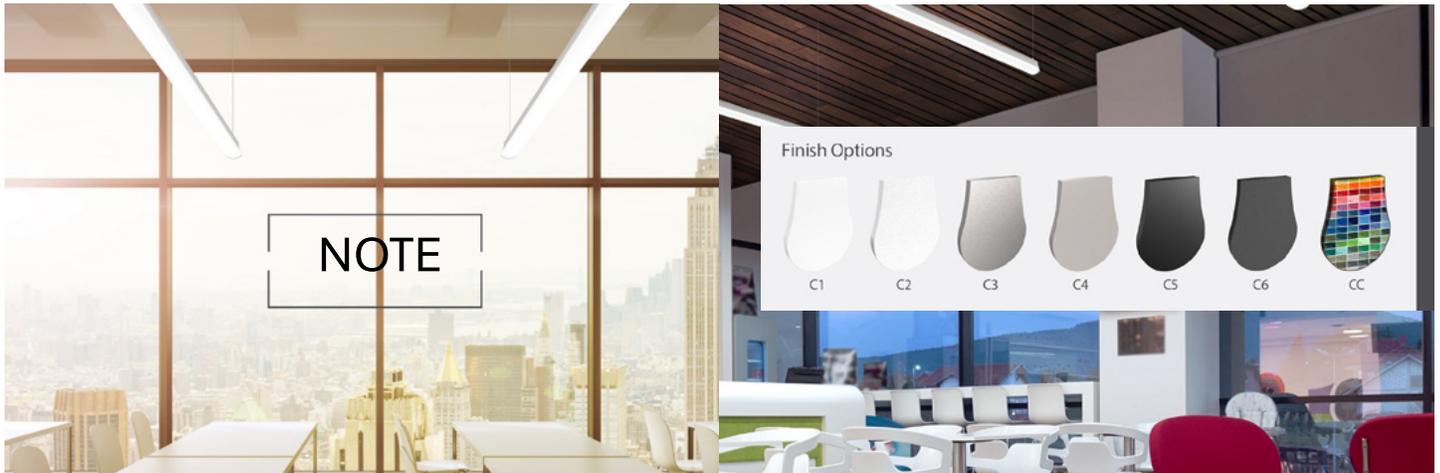
NOTE

Finish Options

C1 C2 C3 C4 C5 C6 CC

Variable Intensity® Technology

- SpectraSync™ Color Tuning Technology available
- Up to 127 LPW
- Output range from 550-2000 lumens/ft
- Pendant, Surface & Wall Mount
- Removable Lens

Lens Removal

Row Mounting
Row connection is simple and straightforward, with a tight and secure fit.

Suspended

Surface Mount

Wall Mount

FEATURES

- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- 2 SDCM color consistency
- Up to 127 LPW efficacy
- Output range from 550 to 2000 lumens/ft
- Removable Lens for ease of accessibility and installation

VI DLC LISTED BAA TAA

CONTROLS TECHNOLOGY

SpectraSync™ NX WIRELESS NX WIRED NX CONNECT

SERVICE PROGRAM

QS10

Dome

Square

Bell

light the fun up!

Current | **LITECONTROL**
making light work™
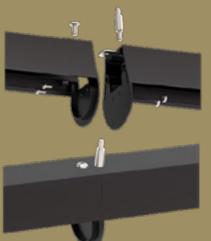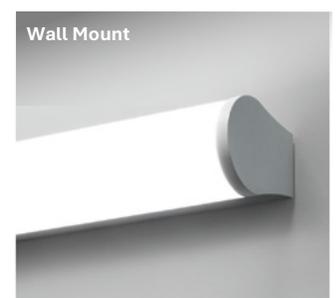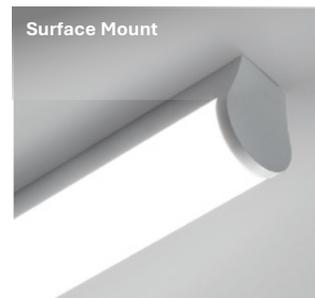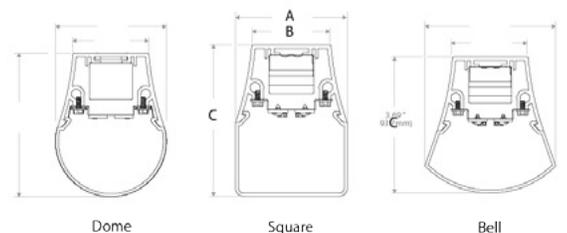
SAE

Litecontrol's SAE Program provides a Simple, Affordable & Efficient Process and Product Selection.

The portfolio of product is economically designed and priced for competitive positioning in a variety of applications. The SAE Program is service centric with unique program attributes, including ease of specifying and ordering.

SIMPLE
- Straightforwardness of selection, process and installation
- Focused on key features for precision application

AFFORDABLE
- Simplicity of design
- Competitively priced

EFFICIENT
- DesignLights Consortium™ (DLC®) qualification on select products
- Vi Technology on select products

SAE 100 LINEAR

SAE101 - Pendant
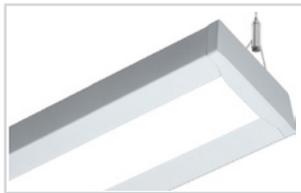
Wall Mount

SAE102 - Pendant

Wall Mount

SAE103 - Pendant

Wall Mount | W/ Baffle | 100% Indent

SAE104 - Pendant

Wall Mount

SAE105 - Pendant

Solid Housing | Square Perf | Sherif Style End Cap

SAE106 - Pendant

Sherif Style End Cap

SAE 200 PERIMETER

SAE201 – Concealed Cove

Adjustable after install

SAE202 – Soft Glow Lens

Regressed Lens | w/ Baffle

SAE 300 RECESSED

SAE301 – 2X4

1x4 | 2x2

SpectraSync™
Color Tuning Technology

SpectraSync™ is an easy and intuitive white tuning solution offered in two modes to accommodate a variety of applications.

Dim to Warm

Dim to Warm mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed. (Available with 2200K-3000K)

Tunable White

Tunable White offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors, or the aesthetics of the space. (Available with 2700K-5000K or 2700K-6500K)

HOSPITALITY
Provides flexibility to create multiple environments, whether multi-use spaces, common areas or guest suites.

EDUCATION
Empowers educators to tailor active environments and create a productive academic experience.

OFFICE
Customizes office space for personnel and business needs.

HEALTH & WELLNESS
Enhances the well-being of patients while balancing the requirements of the health care provider.

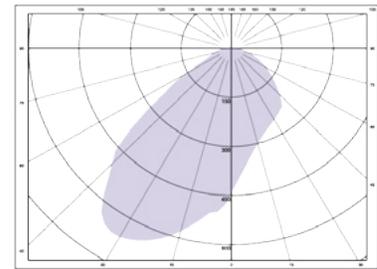# WALL SLOT | 2000 LED

PERFORMANCE

Wall/Slot® 2000 LED delivers 7:1 vertical uniformity; a 50% improvement over conventional sources

Wall/Slot® 2000 LED, Open
Maximizes Efficiency

Typically used where increased perceived brightness at the ceiling plane is advantageous. Examples: Floating ceiling, wayfinding

LUMEN OUTPUT

Nomenclature	Nominal Lumens/Ft	Nominal Watts/Ft	Efficacy
D025	250	3.5	71
D065	650	9.7	67
D080	800	12.6	64

Output and watts vary based on product configuration; for exact lumens and watts contact Litecontrol

20L-Cx-35K-D030-04-D10 Wall/Slot® 2000 LED, 4', 3500K, 300 lum/ft, 6W/ft, matte white finish, 0-10V dimming driver at 100% output

COLOR TEMPERATURE

COLOR RENDERING

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
30K	83	81	90	96	81	81	86	84	62	12	75	80	68	83	98	75
35K	83	81	88	94	82	81	84	86	65	14	72	80	63	82	96	75
40K	83	82	90	95	81	81	85	87	66	14	75	79	59	84	97	76

LED Color Variation
2 step MacAdam ellipse, both within the fixture and fixture-to-fixture.
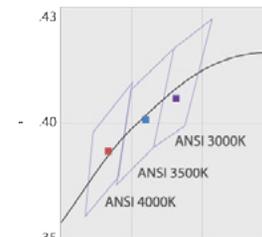
ARC

KLEAN EDGE COVE

RINGS

DRUMS

FRAME

HYDRO
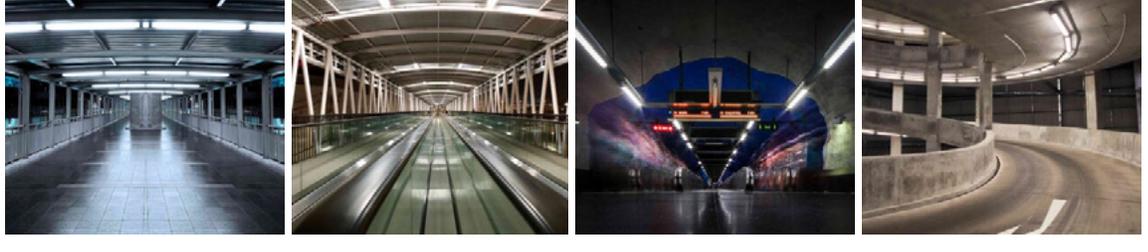
AQUAS

HEALTHCARE LIGHTING

DESIGN GUIDE

- Hospital/LTC General Lighting
- Patient Room Lighting
- Specialty Healthcare Lighting

- Healthcare Lighting Controls
- Exterior | Post top, Flood, Wall Packs, landscape
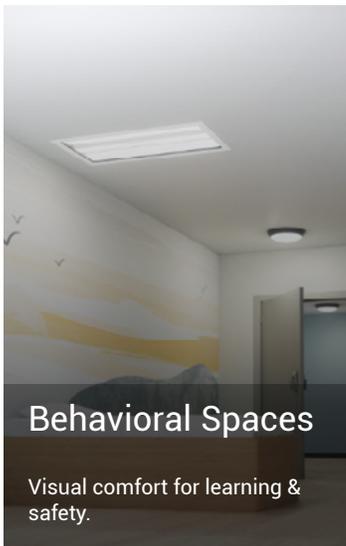- Emergency lighting and control systems

lifeshield
Lighting for Complex Spaces

- Built with purpose
- Designed to protect
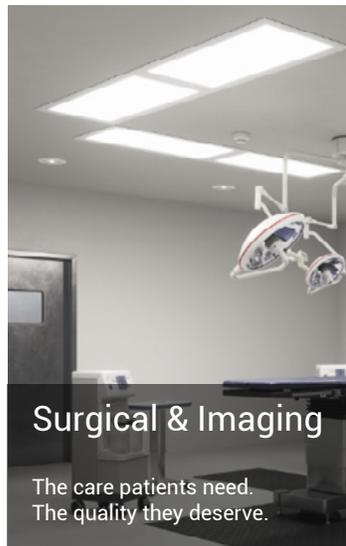- Engineered to perform
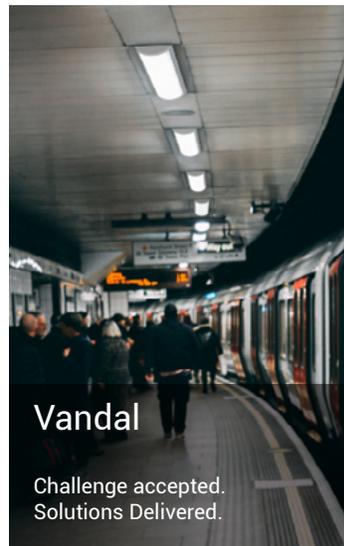- Complex Environments
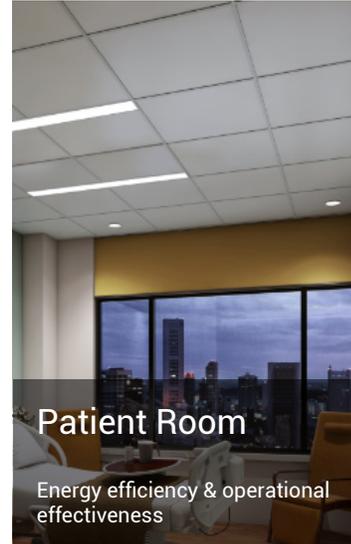
Patient Room
Energy efficiency & operational effectiveness

Behavioral Spaces
Visual comfort for learning & safety.

Surgical & Imaging
The care patients need. The quality they deserve.

Vandal
Challenge accepted. Solutions Delivered.

Cleanroom
Somliicity, efficiency and increased yields.

AREAS OF INTEREST

PATIENT ROOMS

WASHROOMS

CORRIDORS

MRI SUITES

SPECIALIZED ROOMS
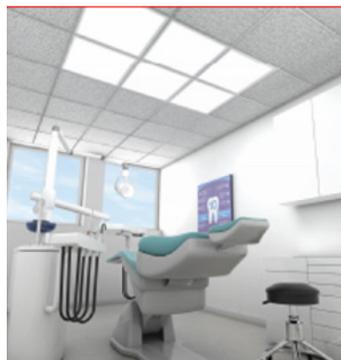
OFFICES

PUBLIC SPACES

EXTERIOR

OBSIDIAN™ MESSAGE SIGN

Current ◉

PRODUCT OVERVIEW

The Obsidian Message Sign provides a reliable method to highlight critical messaging. The high contrast face panel clearly communicates the message in visible red or green letters when the sign is energized. In the Off condition, the face becomes black without any message bleed through - eliminating any confusion. A variety of standard message panels are available with custom messages available upon request.

OBN-KIT DIFF SW8

OBN-KIT DIFF SW4

OBN-KIT DIFF SW6

OBN-KIT DIFF SW23

OBN-KIT DIFF SW26

OBN-KIT DIFF SW19

OBN-KIT DIFF SW20

OBN-KIT DIFF SW21

OBN-KIT DIFF SW28

OBN-KIT DIFF SW17

OBN-KIT DIFF SW16

OBN-KIT DIFF SW18

PATANT BED LIGHTS

Current ⊙

REMEDI™
Multi-function LED Patient Bed Light |
Ambient | Reading | Exam

- Addresses the ambient, reading task and examination requirements for the patient bed environment
- Unique, open design reduces the visual impact and overall cross-sectional size while providing the necessary durability
- Four distinct optical compartments eliminate the need to physically manipulate any portion of the luminaire – a time saver for the medical staff and safer for the patient
- Illuminance of 100+ foot-candles on the bed surface with a 5:1 max/min
- Optional full-length, indirect night light with either amber or white LED light source
- Standard antimicrobial finish inhibits the growth of microbes
- Available in 3000K, 3500K and 4000K CCTs

EVEXIA™
Patient Bed Light

- Provides ambient and reading illumination for the patient bed environment
- Clean form reduces visual impact and simplifies routine cleaning
- Durable die cast and extruded aluminum housing
- Standard antimicrobial finish inhibits growth of microbes
- Optional tunable white light for ambient illumination
- Available in 3000K, 3500K and 4000K CCTs

MediMode™
Recessed 2x4 LED Patient Room Ambient
| Reading | Exam

- Designed for the varied illumination requirements at the patient bed
- Provides a low-glare, indirect solution for ambient and reading task illumination
- Dedicated compartment delivers illuminance of 100+ foot-candles for the critical examination functions
- Optional full lensed door simplifies cleaning, protects patient from contamination and meets IP65 and UL Sanitation requirements
- Removable service trays for key components simplifies maintenance activities
- Available with integrated low voltage controller to allow control from a patient pillow switch
- Available in both 2x4 and 2x2 models with standard antimicrobial finish that inhibits the growth of microbes
- Available in 3000K, 3500K and 4000K CCTs

NiteWay™
Patient Room LED Night Light

- Optical design limits glare while delivering even illumination on the floor plane
- The smooth form facilitates simple cleaning while the polycarbonate lens and die cast aluminum faceplate provides durability
- Low profile design is available in either a vertical or horizontal orientation
- Standard antimicrobial finish inhibits the growth of microbes on painted surfaces
- Wet location listed
- No exposed fasteners
- Available in 3000K CCTs and amber (590nm)

PATIENT BED LIGHTS

Current ⊚

LiteFrame NSF2
Commercial LED Downlight - NSF2 Splash Zone Rating

- Remote phosphor technology delivers color consistency from fixture to fixture while providing energy savings and lower maintenance costs
- Designed for optimal life and lumen maintenance
- Wide selection of reflector finishes; clear Alzak reflector has anti-microbial finish
- Approved for NSF2 Splash Zone applications
- 0-10V dimming is standard
- Available with 3000K, 3500K and 4000K CCTs and 80 CRI

LTRX
Recessed 2x4 LED Patient Room Light: Ambient/Exam

MALL. SLEEK. SIGNIFICANT.

ore versatile than ever before, the upgraded and expanded D2 ries provides discreet precision and power for seamless integration o the space.

1.125 IN.

- Designed specifically to provide comfortable ambient and high-level examination illumination
- Standard with 90 CRI with R9>50 for excellent color rendering
- Enclosed lens protects patients against contaminants and simplifies cleaning
- Lens gasket option and wet location listing available
- Available in both 2x4 and 2x2 models with standard antimicrobial finish that inhibits the growth of microbes on painted surfaces
- Available in 3000K, 3500K and 4000K CCTs

LiteFrame IP65
Commercial LED Downlight - IP65 option
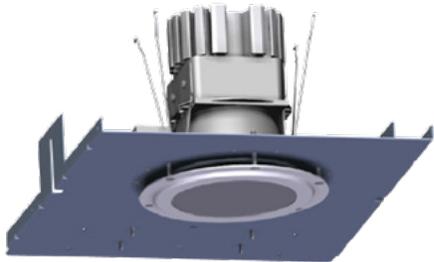
- Remote phosphor technology delivers color consistency from fixture to fixture while providing energy savings and lower maintenance costs
- Designed for optimal life and lumen maintenance
- Wide selection of reflector finishes; clear Alzak reflector has anti-microbial finish
- IP65 trim option provides protection from dust and moisture intrusion
- 0-10V dimming is standard
- Available with 3000K, 3500K and 4000K CCTs and 80 CRI

LiteFrame IP65
Commercial LED Downlight - IP65 option

- LED backlit, sand-blasted panels along the edges of the mirror provide even illumination and excellent facial rendering
- Locking feature secures mirror to housing
- The housing comes with a standard antimicrobial paint finish.
- Available in three sizes (18"x40", 24"x40" and 36"x40") and two light outputs
- All models are ADA compliant

GS Lighting Group
A division of Gross Sales Ltd.

30+ YEARS

EDUCATION
FACILITY LIGHTING

DESIGN GUIDE
Campus Lighting Solutions
K-12, College & University

CLASSROOM/CORRIDOR/ATTRIUM/LIBRARY
ECONOMY SOLUTION - COLUMBIA CBT BACKLIT PANEL

Current ◉

2X4

1X4

2X2

CBT
Back-Lit Troffer

Affordable, Available, Adjustable
The CBT is an affordable LED lensed troffer with smooth, even illumination. With its LED energy saving technology, CBT is perfect for offices, classrooms and many other applications.
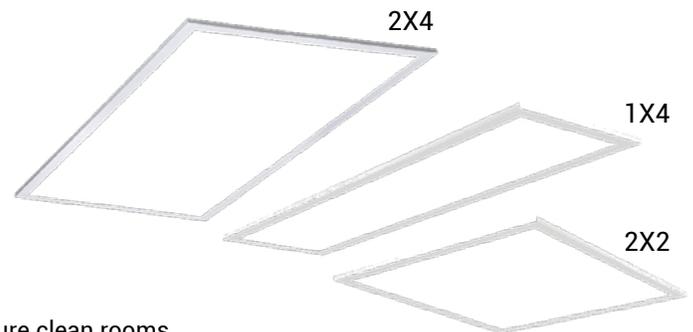
- Switchable Lumen technology: 4400/3300/2750 lumens (1x4 and 2x2) 5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 1x4, 2x2, and 2x4 sizes
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4-9 positive

- and negative pressure clean rooms
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation A units are priced as single units and must be ordered as single units. Two packaging options are available

Switchable technology:
Switchable Lumen and Switchable CCT Technology allows for easy field-adjustable lighting output with switch located on back of panel.
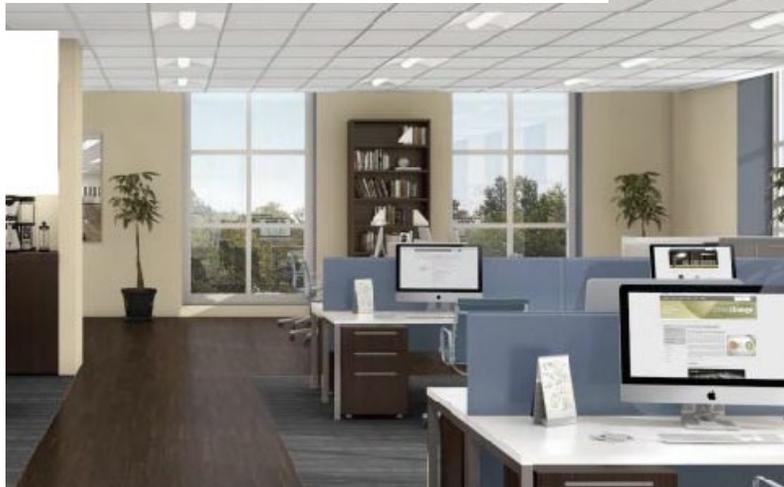
FEATURES

CLASSROOM/CORRIDOR/ATTRIUM/LIBRARY
VOLUMETRIC TROFFER SOLUTION

Columbia LIGHTING

Current ◉

LCAT-LSCS
LED Contemporary Architectural troffer

1'x2'
A small scale, attractive option for corridors, conference rooms, reception desks and architectural insets.

1'x4'
This sleek shape integrates seamlessly into architectural designs.

2'x2'
Add quiet elegance to commercial spaces with the simplicity and modularity of this popular form.

2'x4'
Replace existing luminaires or design for new installations with this appealing, graceful architectural troffer.

Catalog No.	UPC	Description	Setting	Lumens				LPW		
				3500K	4000K	5000K	Watts	3500K	4000K	5000K
LCAT14-LSCS	840141424002	1x4 LED Contemporary Architectural troffer, Lumen Switchable, CCT Switchable, 120-277V	LOW	3946	4381	4224	32	125	147	136
			MED	4837	5547	5180	42	115	140	125
			HIGH	5340	6295	5774	50	107	135	117
LCAT22-LSCS	840141423340	2x2 LED Contemporary Architectural troffer, Lumen Switchable, CCT Switchable, 120-277V	LOW	2642	2929	2872	21	126	139	137
			MED	3008	3387	3272	25	120	135	131
			HIGH	3764	4460	4124	35	108	127	118
LCAT24-LSCS	840141423364	2x4 LED Contemporary Architectural troffer, Lumen Switchable, CCT Switchable, 120-277V	LOW	3964	4424	4285	32	126	140	136
			MED	4872	5608	5282	42	116	134	126
			HIGH	5415	6394	5874	51	106	125	115

-ELL14 (Emergency Battery Pack Installed. 1400 Lumens) or −C588 (5-wire Flex) options are available for order.

TYPICAL CLASSROOM LAYOUT COLUMBIA LCAT
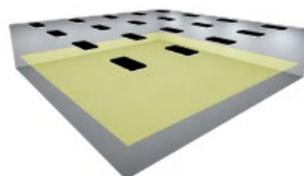
LCAT24 PERFORMANCE	
Room Size (L x W)	40' x 40'
Number of Luminaires	20
Workplane, horizontal	2.5'
Reflectances	80/50/20
Light Loss Factors	1.0/0.90/0.90

Mounting Height	OC Spacing	Lumen Package	Fixture Lumens 3500K CCT	Avg fc 2.5'	Max/Min	Avg/Min	Fixture Watts	LPD
9'		XW	2420	23fc	2.6	2	19.1	0.24
	8' x 10'	VW	3216	30fc	2.6	2	27.6	0.35
		MW	3462	33fc	2.6	2	30.2	0.38
		LW	4394	42fc	2.6	2	36.4	0.46
		ML	4912	46fc	2.6	2	38.8	0.49
14'		HL	5604	45fc	2.1	1.7	44	0.55
20'		VL	7205	47fc	2.1	1.7	59	0.74
25'		XL	8408	47fc	2	1.6	73.8	0.92

CLASSROOM/OFFICE/LIBRARY
ARCHITECTURAL EDGE LIT TROFFER – COLUMBIA VSY SERIES

Columbia LIGHTING

Current ◉

VSY24
Versify™ 2'x4'
Architectural Edge-Lit

Versify

1x2
Nominal Lumens 1400–4300
Efficacy (LPW) 126–132

1x4
Nominal Lumens 2100–8250
Efficacy (LPW) 120–135

Versify

2x2
Nominal Lumens 1400–5650
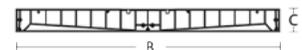Efficacy (LPW) 124–144
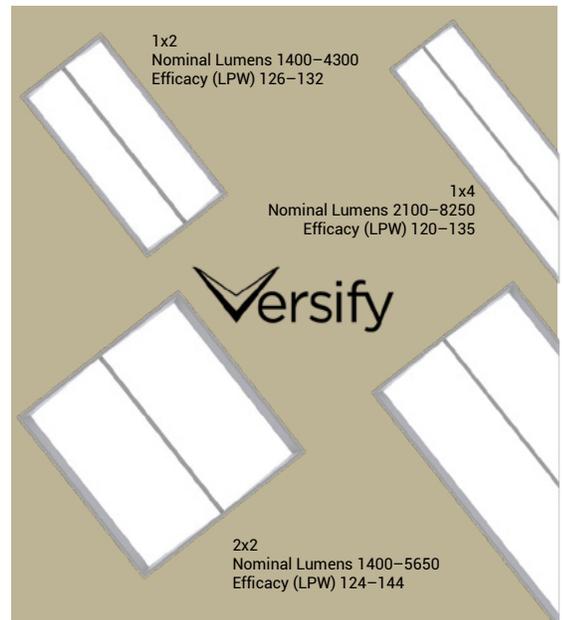
FEATURES

- Architectural styling in an edge-lit luminaire
- High efficiency acrylic lens featuring edge lit technology
- Ideal for offices, schools, medical, and public spaces
- Available in trendy matte black finish
- Stylish controls integration
- Wet location option available
- 2" overall depth, 2 1/4" with emergency battery pack option
- Surface mount kit available as an accessory
- Up to 150 lumens per watt

Matte Black Finish

QS15

Typical Dimensions and Weights

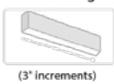| Size	2x4
(A) Length Inches (mm)	47.75 (1213)
(B) Width Inches (mm)	23.75 (603)
(C) Height Inches (mm)	2.00 (51)
Weight lbs (kg)	15.0 (6.8)

cCSAus | Built to UL 924 Standards | DLC LISTED | DLC LISTED PREMIUM | TAA | UL Sanitation | ISO 5 | CP Chicago Plenum | IP5X

CONTROLS TECHNOLOGY
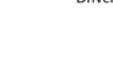
SpectraSync™ | NX WIRELESS | NX WIRED | NX CONNECT | OCCUPANCY SENSING | DAYLIGHT HARVESTING
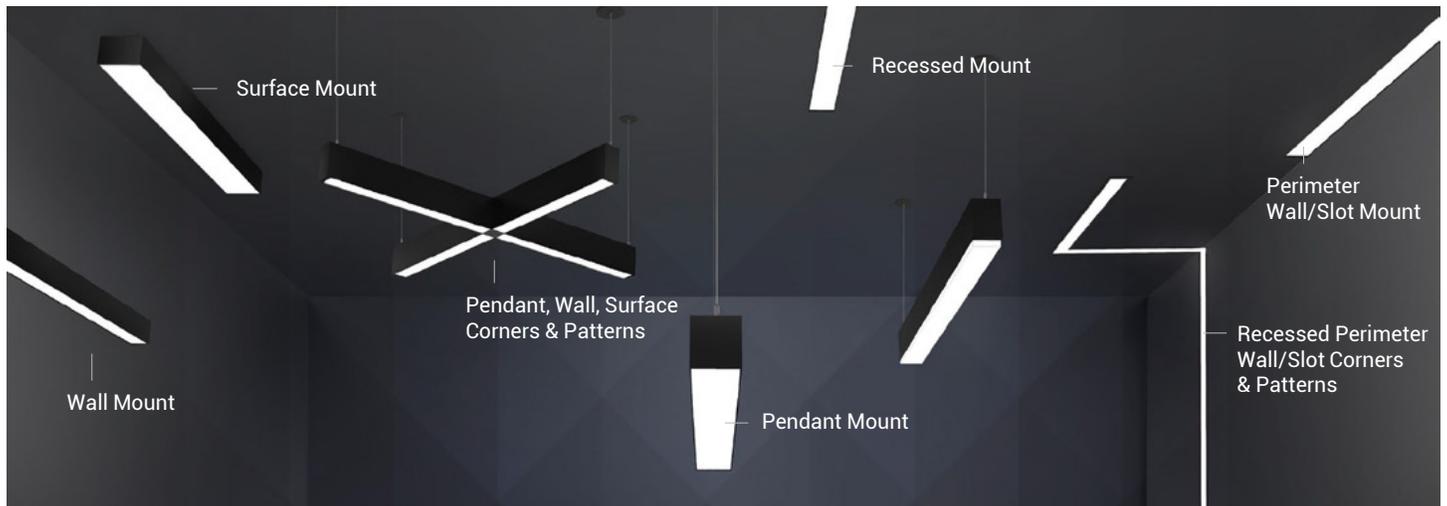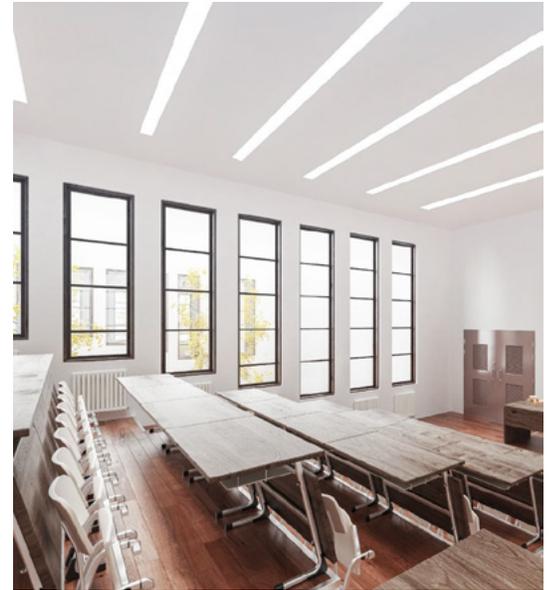
LECTURE THEATER/LIBRARY
ARCHITECTURAL RECESSED-SURFACE-PENDANT LINEAR

MOD™x
Recessed Mount

LITECONTROL
making light work™

Current ⊚

2L 3L 4L 6L

Aperture Widths
	2
	3
	4
	6

Fixture Lengths
	2
	3
	4
	5
	6
(3" increments)	8

Ceiling Type
Drywall
Trimless
15/16" LG
9/16" NG
9/16" Screw Slot

Fixture Distribution
Direct

Downlight Distribution
Lambertian
Asymmetric
Batwing

Downlight Diffuser
Soft Diffuse
Regressed
Blade Baffle w' Overlay
Drop
Asymmetric
Batwing

Finish
Matte White
Textured Matte White
Light Silver
Machined Aluminum
Carbon Black
Textured Camera Black
Custom Color

Direct
Lambertian SCF/REG/BWO/DRP
Asymmetric ASYM
Batwing BAT

Color Temperature
27K
30K
35K
40K
50K
80CRI
90CRI
SpectraSync™

Outputs
Direct
2L: 300-1000
3/4/6L: 300-1250

Driver
0-10V
Lutron
Dali

Controls
NX Lighting Controls
Zigbee
Daylight
Occupancy

Additional Options
347V
Emergency
Chicago Plenum Rated
IC rated

- Surface Mount
- Recessed Mount
- Perimeter Wall/Slot Mount
- Pendant, Wall, Surface Corners & Patterns
- Recessed Perimeter Wall/Slot Corners & Patterns
- Wall Mount
- Pendant Mount

surface   semi-recessed   recessed   recessed to pendant   semi-recessed to pendant   pendant

NELO™   NELO™+

CLASSROOM/CORRIDOR/ATTRIUM/LIBRARY
ARCHTECURAL LINEAR WRAP

LITECONTROL
making light work™

Current ◉

67L-P-D
Note LED Pendant Direct

NOTE

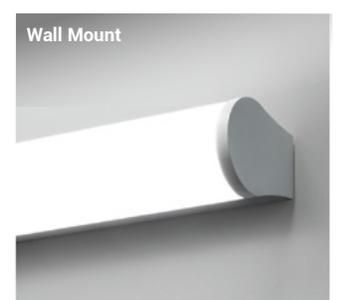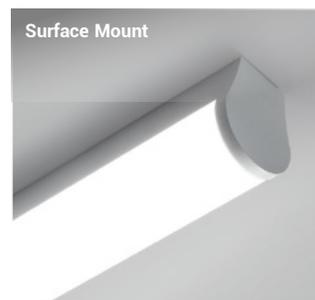**Finish Options**

C1 C2 C3 C4 C5 C6 CC

Variable Intensity® Technology
- SpectraSync™ Color Tuning Technology available
- Up to 127 LPW
- Output range from 550-2000 lumens/ft
- Pendant, Surface & Wall Mount
- Removable Lens

Lens Removal

Row Mounting
Row connection is simple and straightforward, with a tight and secure fit.

Suspended

Surface Mount

Wall Mount

FEATURES
- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- 2 SDCM color consistency
- Up to 127 LPW efficacy
- Output range from 550 to 2000 lumens/ft
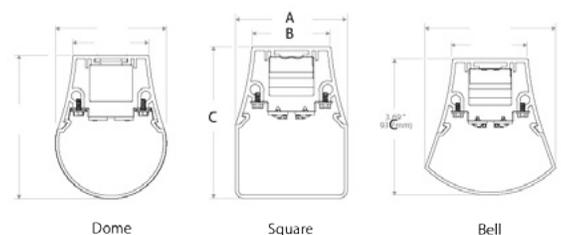- Removable Lens for ease of accessibility and installation

VI **DLC LISTED** **BAA** **TAA**

CONTROLS TECHNOLOGY

SpectraSync **NX WIRELESS** **NX WIRED** **NX CONNECT**

SERVICE PROGRAM

QS10

Dome   Square   Bell

CLASSROOM/CORRIDOR/ATTRIUM/LIBRARY
LINEAR WRAP

Columbia LIGHTING **Reverie™** DECORATIVE LOW BAY

Current ◉

RLB
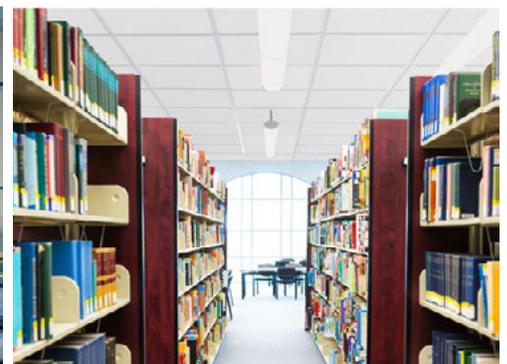### Reverie™ Decorative Low Bay

Unified Appearance in Different Applications

Medium Distribution

Narrow Distribution

Stack/Aisle Distribution

FEATURES

- Three photometric distributions: Medium, Narrow and Aisle/Stack
- Available in 4' or 8' standard lengths
- Optional integral emergency battery pack for backup-required applications
- Uninterrupted ribbon of light for single or row mount applications
- Optional SpectraSync™ offers two modes of tunable white solutions and integrates seamlessly into a variety of control systems
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

Light Delivered Exactly Where You Need It

With its medium, narrow and aisle/stack distribution options, Reverie offers lighting solutions for a variety of spaces. Optional uplight, available up to 4,000 lumens, removes "the cave effect" by pleasantly illuminating your ceilings.

Medium Distribution
Mid-range, diffused path of light
- General lighting
- Work spaces

Narrow Distribution
Concentrated channel of light
- Auto service areas
- Manufacturing stations

Stack/Aisle Distribution
Bidirectional paths of light
- Library bookshelves
- Store aisles

CORRIDOR /MAINTENANCE ROOMS
LED WRAPS

Columbia LIGHTING
RLW
Revalume™
Linear Wrap

3.6"
(91.4mm)

8.5"
(215.9mm)
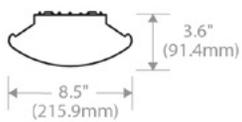
END VIEW (ALL SIZES)

Columbia LIGHTING
CNW
Narrow Wrap

5.3"
(134.9mm)

2.1"
(54.4mm)

Columbia LIGHTING
MPS
Multipurpose
Linear

End View
Curve Lens

C

B

End View
Flat Lens

C

B
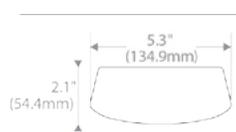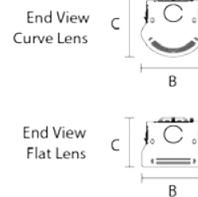
Columbia LIGHTING
LAW

Ceiling
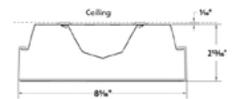
ATHLETIC CENTERS- GYMNASIUM
RUGGED – HEAVY CONSTRUCTION – HIGH OUTPUT-WIRE GUARDS

ALBEC

PRC Series
LED IP65 Selectable Round High Bay

200[7.9"]
138[5.4"]
Ø360[14.2"]
SIZE 2X

ALBEC

ABV4 Series
LED High Bay Lighting

PEERLESS
electric·électrique
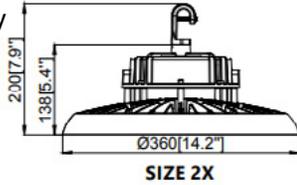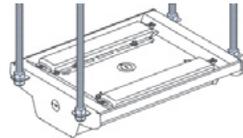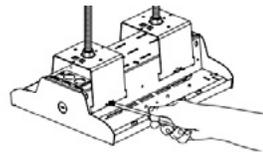
GP-15
Gymnasium, Protective
15" width

GP-HB
Gymnasium, Protective,
High Bay

LED luminaire for surface or suspended installation. Ideal for gymnasiums, recreational areas and other commercial environments.

SPORT FIELD LIGHTING

TURF
SPORTS LIGHTER

Current ⊙

Standard yoke mounting with single 3/4" bolt. Yoke also includes vertical aiming indicators, adjustable in 5 degree increments. Fixture is 3G vibration rated.

Lumen outputs up to 114,000 lumens and 153 LPW give superior performance to legacy products and provide additional energy savings.

Visor and Laser aiming accessories available and can be field installed.

Designed to efficiently light recreational, collegiate, and professional events. Arena, sign, facade, area, accent, parking lot and general security lighting applications can also utilize the Turf Sports Lighter.

Retrofit Solution

The Turf Sports Lighter is designed to replace 1500W HID products 1 for 1 and even has the capability of reducing fixture count which can result in more than 54% energy savings. This doesn't include additional savings from reduction in maintenance costs and sustained lighting levels. Upgrading your sports lighting has never been so easy!

1000w-1500w HID
to LED LAMP RETROFIT

Ballfield Benefits from an LED Lamp Upgrade
GE lamps high output BT56 Case Study

Before: 1500W Metal Halide Lamps

After: Current HO BT56 LED Lamps

Outstanding Uniformity from LED Retrofit

BOUNDLESS SOLUTIONS
One Platform

INDOOR
- Commercial
- Education
- Healthcare
- Hospitality
- Industrial
- Retail

OUTDOOR
- Parking & Site
- Building Exterior
- Walkways

Introducing NX Site Manage – A new, on-premise enterprise lighting control platform.

Site Manager empowers users to improve operational efficiencies for NX connected lighting and smart buildings. Intuitive dashboards provide energy, floor plan, and device management to enable actionable insights.

NX LIGHTING CONTROLS

Integrated Control Indoor Luminaires Look Up Guide

Architectural Linear						Downlighting	
Litecontrol						Kurt Versen	Prescolite
MODs	Brand (88L)	Flow (91L)	Note (67L)	NELO ™ (70L, 75L)	SAE100 (101, 102, 103, 104, 105, 106)	Noni ™	Liteistry™ LiteFrame®

Recessed							Strip	Surface Mount
Litecontrol	Columbia Lighting			Lite Shield			Columbia Lighting	
Ryvl (55L)	Versify™ (VSY)	Scaler™ (SRP)	LCAT	LCAT-S	TCAT	Kloven (KLO)	MPS	Esclate™ (ESL)

Wall Mount			High & Low Bay Lighting			
Columbia Lighting	Lite Shield		Columbia Lighting			
CWM	Revalume™ (RLW)	Wall 3 (W3B)	Prevent (PVNT)	Echelǎn (ECH)	PELA	Utilibay™ (UTB2) Reverie™ (RLB)

TYPICAL DIGITAL CLASSROOM

S.O.O

- Sensor dims lights to *specified level* upon **occupancy.**
- Sensor dims lights to *specified level* upon **vacancy.**
- Light Shut off after timer expires.
- Light levels are adjustable via wall switch.

B.O.M

- NXRCFX-1RD-UNV
- NXSW2-ORLO-UNV
- NXSMDT-OMNI

NXRCFX2-1RD

Dimming Load

G V H N

Pink
Violet
Red
White

White (neutral)
Black (120/277/347 VAC)

A   B
FX FX SP SP

NXSW2-ORLO

NXSMDT-OMNI

1RD
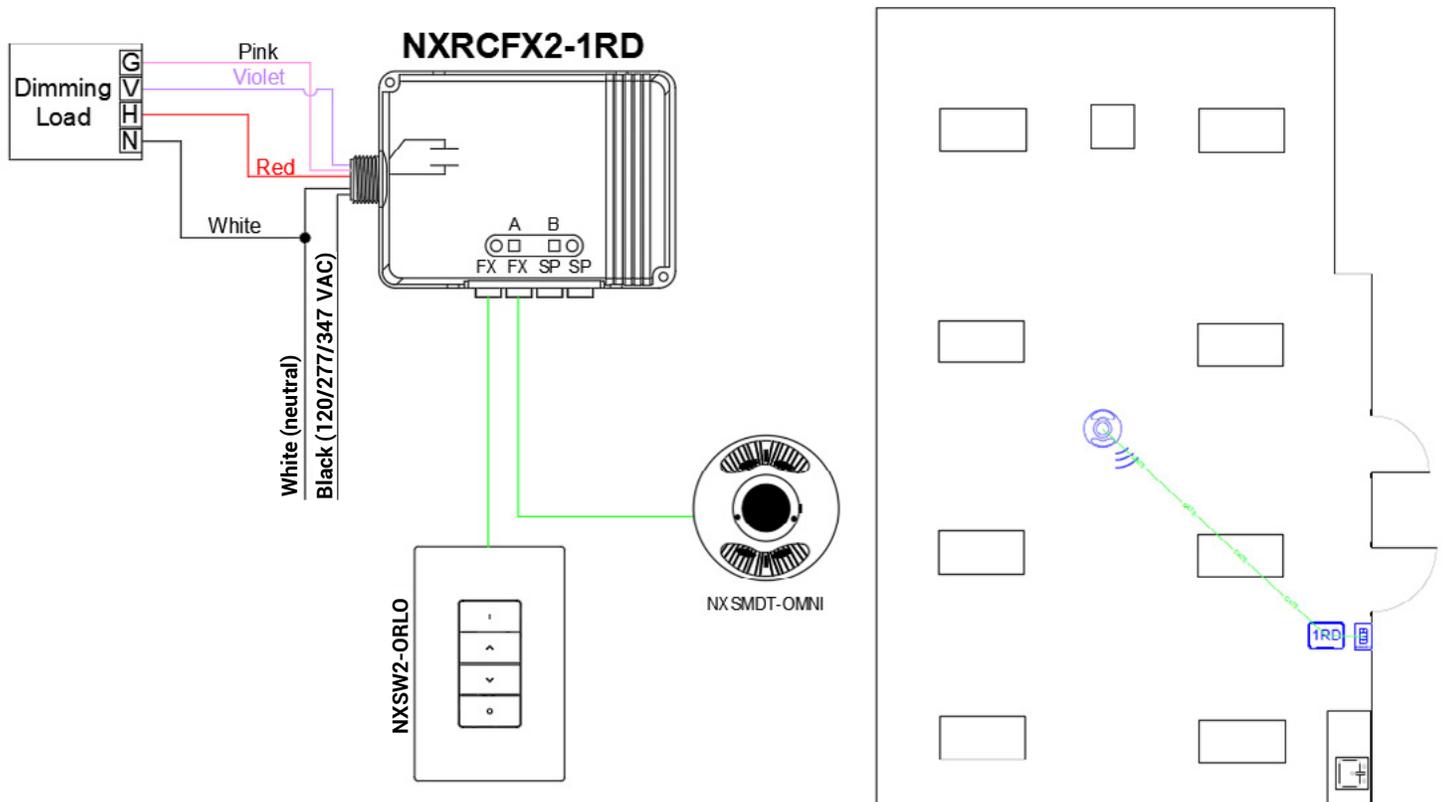
NX LIGHTING CONTROLS

DESIGN GUIDE

- Indoor And Outdoor Deployment
- Connected Lighting Portfolio
- Integrated Controlled System
- Wireless And Wired Solutions
- Room Controllers
- Panel Based Systems

- Complete Site & Energy Management Platform
- Building Automation Integration
- Mobile App
- Wired And Wireless Switches And Controls
- Standalone Controls

Boundless Solutions
One Platform

INDOOR
- Commercial
- Education
- Healthcare
- Hospitality
- Industrial
- Retail

OUTDOOR
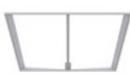- Parking & Site
- Building Exterior
- Walkways

Current ⊙

Introducing NX Site Manager… A new, on-premise enterprise lighting control platform.

Site Manager empowers users to improve operational efficiencies for NX commented lighting and smart buildings. Intuitive dashboards provide energy, floor plan, and device management to enable actionable insights.

NX LIGHTING CONTROLS™

Integrated Control Indoor Luminaires Look Up Guide

Architectural Linear						Downlighting		
Litecontrol						Kurt Versen	Prescolite	
MODx	Bend (88L)	Flow (91L)	Note (67L)	NELO™ (70L, 75L)	SAE100 (101, 102, 103, 104, 105, 106)	Noni™	Liteistry™	LiteFrame®

Recessed							Strip	Surface Mount
Litecontrol	Columbia Lighting					Lifeshield	Columbia Lighting	Columbia Lighting
Ryvl (55L)	Versify™ (VSY)	Scaler™ (SRP)	LCAT	LCAT-S	TCAT	Kloven (KLO)	MPS	Escalate™ (ESL)

Wall Mount				High & Low Bay Lighting			
Columbia Lighting		Lifeshield		Columbia Lighting			
CWM	Revalume™ (RLW)	Wall 3 (W3B)	Prevent (PVNT)	Echelän (ECH)	PELA	Utilibay™ (UTB2)	Reverie™ (RLB)

System Overview

NX Enabled
Indoor Luminaires

NX Lighting
Control Panel

NX Enabled
Outdoor Luminaires

NX Lighting Controls
Mobile App

NX Room Control

Network and Software
Interfaces for System
Management

Current⊙

ONE SYSTEM WIRED AND WIRELESS
Inside and Out

INDOOR & OUTDOOR DEPLOYMENT

Single System for any commercial site spanning indoor and outdoor applications

CONNECTED LIGHTING PORTFOLIO

Broad offering of NX Enabled Luminaires that simplify installation and system costs

INTELLIGENCE IS IN OUR DNA

Utilizes a Distributed Network Architecture (DNA) to eliminate single point of failure to deliver unmatched reliability and scalability

SITE MANAGEMENT

NX Network provides single user interface for system maintenance and configuration

BUILDING INTEGRATION

The NX system is BTL certified ensuring a seamless experience with existing building management systems

Building Blocks
NX System Overview

The NX Lighting Controls System provides all the building blocks necessary for a secure, on-premise enterprise lighting management system. The system not only controls lighting, but also provides actionable information to Building Owners and Facility Managers to create energy efficient spaces and improve occupant experience.

NX LIGHTING CONTROL SYSTEM

- Network of device and luminaires organized by Areas / Zones / Groups (AZG)

- NX wired & wireless devices and connected luminaires control lighting using relays and 0-10V dimming

- Wired devices connect using CAT5 cables and provide auto-configuration for basic code compliance

- Wireless devices are grouped together and communicate using secure AES 128-bit encrypted 2.4GHz wireless mesh technology based on the IEEE 802.15.4 standard. Network bridges manage NX Zones and connect wired and wireless zones to the NX Network

- NX Lighting Controls mobile app provides simple tool for quick device and system adjustments

- The NX Area Controller with Site Manager provides Building Owners & Facility Managers with multi-building lighting control, insights into their lighting system, and integration with Building Management Systems (BMS)

NX Area Controller[1]
with Site Manager

Cellular Remote
Connect

NX Technical
Support Center

NX WIRED

NX NETWORK
Wired + Wireless + Hybrid

Area 1
Zone 2

Network Bridges

Group 1

Room Controllers | Touchscreen | Wall Stations | Occupancy Sensors

Group 2

Daylight Sensors | Control Panels | NX Enabled Indoor Luminaires | NX Relay Controlled Luminaires
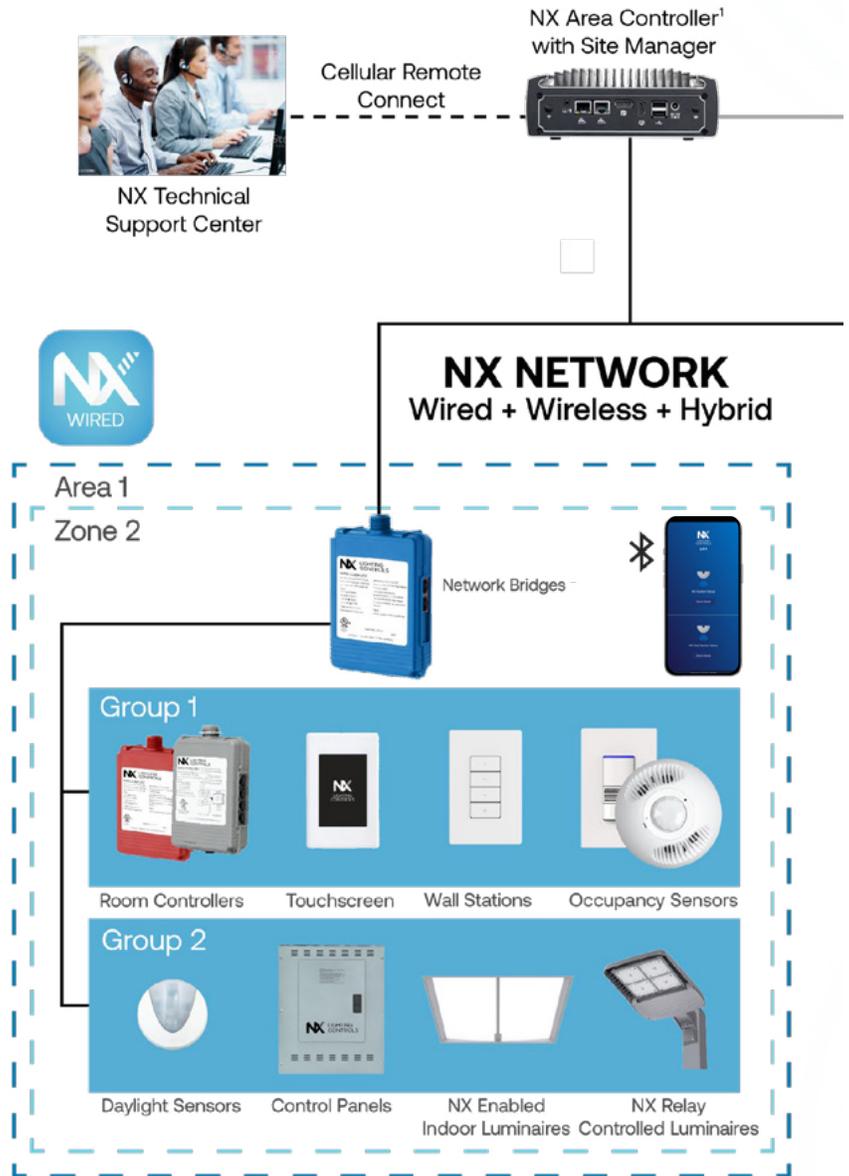
PLATFORM SNAPSHOT					
Space Type	Architecture	Deployment	Connectivity	Integration Options	Advance Solutions
Interior & Exterior	Distributed	Standalone & Network	Wired, Wireless, Hybrid	Contacts, BACnet ™, OpenADR 2.0a/2.0b	SpectraSync ™

NX LIGHTING CONTROLS

NX SITE MANAGER

Management	Floor Plan	Energy	Space Utilization	Integration

Integration:
- BACnet (BTL)
- Automated Demand Response

NX WIRELESS

Area 2
Zone 1

Network Bridges

Group 1

Wall Switches   Occupancy Sensors   NX Enabled Indoor Luminaires

Group 2

NX Enabled Indoor Luminaires   NX Enabled Outdoor Luminaires
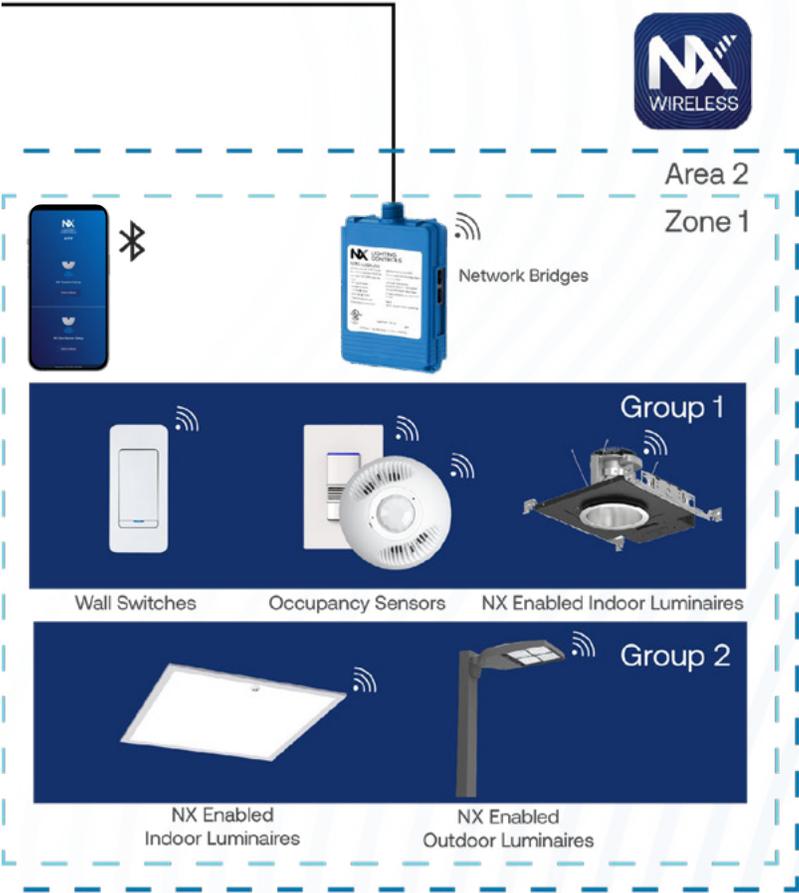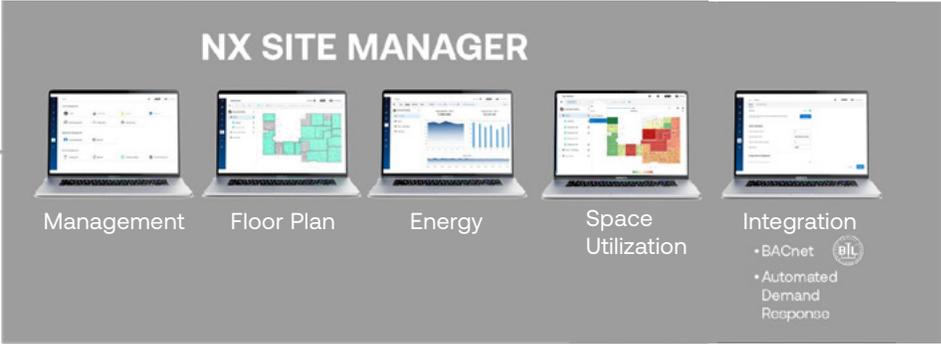
SITE MANAGER

- Intuitive web-based, comprehensive lighting management console

- Manage lighting schedules

- Space Utilization Application (Optional)

- Graphically view how spaces are being occupied within a facility over a timeline

- Quickly respond to requests for light level changes or reported issues from floor plan views

- Visual insights into energy usage

- Integrate the lighting system to any BACnet compatible Building Management System (BMS)

1   Supports up to 1,000 NX Devices, Addtional NXAC2 Site Manager Adapters (not shown) have the ability to expand the NX Networrk by supporting up to 1,000 additional NX Devices each.

LEGEND
CAT5
WIRELESS

Room Control
Wired Solution

The NX Lighting Controls wired room control is a fully distributed digital lighting control solution for standalone and networked applications. With a plug-and-play auto-configuration feature using CAT5 connections NX delivers a quick and simple means to reduce installation time, meet code, and enable manual, daylight or scheduled based control at the room level.
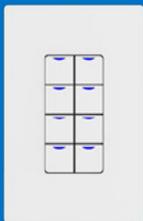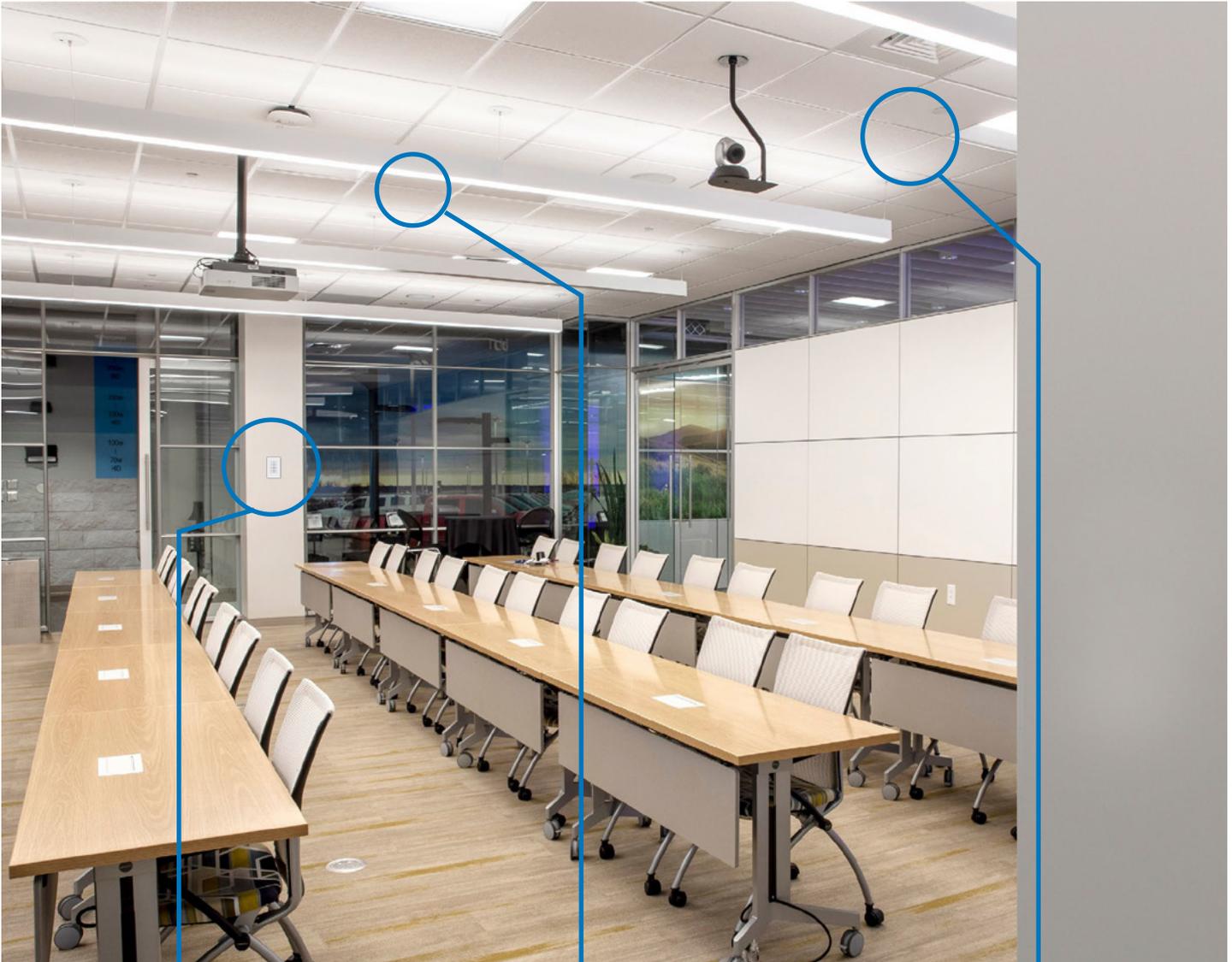
NX Wall Switch

NX OMNI Ceiling Sensor

NX Room Controller

ROOM CONTROLLERS

- Real-time clock for scheduling at room control level
- Power metering
- Intelligent auto-configuration with device automatic code compliance
- CAT5 plug-and-play connectivity
- UL924 emergency solutions

SENSORS

- Passive Infrared, Ultrasonic & Dual Technology
- CAT5 plug-and-play connectivity
- Integrated 2.4GHz wireless mesh and bluetooth radio for easy commissioning & communication
- IntelliSCOPE™ compatible for real-time sensitivity reading and adjustment
- Indoor and outdoor daylight sensors

WALL SWITCHES

- Clean, unobtrusive & enduring design
- Smart Switches available in 1, 2, 3, 4, 5, 6, 8, and key switch versions
- Specialty versions available for out-of-box programming
- Offered in White, Gray, Black, Ivory, Light Almond, and Red
- Custom laser engraved buttons available for NX Smart Switches
- NX SimpleTouch single gang touch screen

INTERFACES

- Allow third party devices to digitally interface with the NX System
- Supports RS232 serial communications
- Supports A/V, dry contact outputs & inputs as well as HVAC options
- Enables Bluetooth commissioning with real-time clock option
- Wireless Radio interface with 2.4GHz mesh capabilities for NX Network communication

NXP2 Panel

Wired Solution

The NX Lighting Control Panel (NXP2 Series) is a robust and reliable panel that can operate as a standalone or networked NX solution. The NX Panel meets all applicable code and energy requirements, is fully scalable, quick to install, and easy to program from the NX Lighting Controls mobile app.

Single & Multiple Panel Configurations

NX Lighting Controls App

Daylight Sensor

OMNI Occupancy Sensor

ORLO Wall Switch

Controlled Lighting Loads
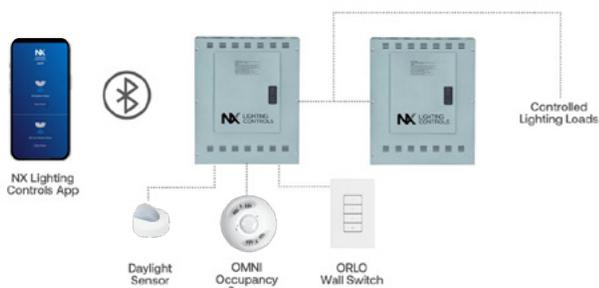
Networked Panel Deployment

Daylight Sensor

OMNI Occupancy Sensor

ORLO Wall Switch

Scene Wall Switch

Bridge

Bridge

Room Controller

Area Controller

NX Enabled ECH High-Bay
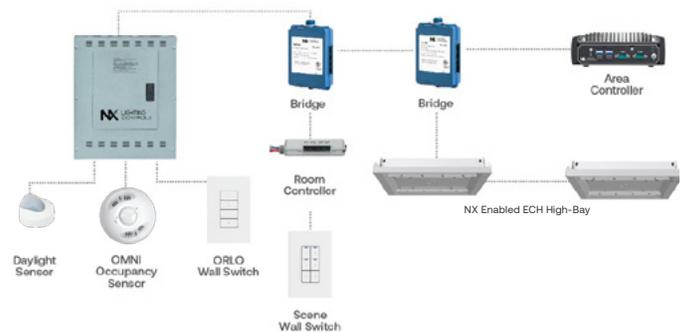
LIGHTING CONTROL PANELS

- Available in 8, 16, 24, 32 and 48 relay panel sizes
- Matching number of relays and dimming channels
- Programmable using Bluetooth® NX Lighting Controls mobile app using NXBTI (included)
- Optional factory installed UL924 emergency control
- Contractor friendly installation and configuration

RELAYS

- Robust mechanically latching single and double pole relays
- Electrically rated for 60,000+ operations (30,000+ cycles) at full 20A load
- Mechanically rated for 120,000+ operations (60,000+ cycles)
- Manual override switch integral to relay
- At-A-Glance ON/OFF relay status indicator

WALL SWITCHES

- Clean, unobtrusive & enduring design
- Smart Switches available in 1, 2, 3, 4, 5, 6, 8, and key switch versions
- Specialty versions available for out-of-box programming
- Offered in White, Gray, Black, Ivory, Light Almond, and Red
- Custom laser engraved buttons available for NX Smart Switches
- NX SimpleTouch single gang touch screen

SENSORS

- Passive Infrared, Ultrasonic & Dual Technology
- CAT5 plug-and-play connectivity
- Integrated 2.4GHz wireless mesh and bluetooth radio for easy commissioning & communication
- IntelliSCOPE™ compatible for real-time sensitivity reading and adjustment
- Indoor and outdoor daylight sensors

Connected Lighting - Indoor

Wireless and Wired Solutions

NX Lighting Controls offers a broad portfolio of wireless control devices and enabled luminaires to create seamless scalable solutions from a single room to a complete networked campus.
With the removal of wires and simple programming through mobile app or enterprise software, NX Wireless delivers design simplicity, reduced installation time and low-cost code compliance for both retrofit and new construction.

Columbia
LIGHTING

kurt versen ◇

lifeshield
Lighting for Complex Spaces

LITECONTROL
making light work™

prescolite

DOWNLIGHTS & CYLINDERS
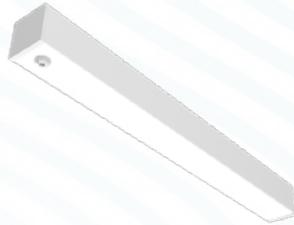
LINEAR

TROFFERS & PANELS

STRIPS & WRAPS

RETROFIT KITS

HIGH BAYS

SENSORS

- Multiple form factors and coverage patterns for integrated sensors
- Room Control sensors can seamlessly connect with NX enabled Luminaires

INTEGRATED SOLUTIONS

- Integrated Radio Module provides wireless connectivity for NX Devices to the NX Network
- Dual SmartPORT adapters allow for wired CAT5 connection of NX enabled Luminaires

WALL SWITCHES

- Battery Operated Wireless Rocker Switch
- Programmable to multiple switch types

Please scan QR code to view complete list of NX enabled luminaires from Current.

Connected Lighting - Outdoor
Wireless Solutions

NX Lighting Controls offers a broad portfolio of wireless control devices and NX enabled luminaires to deliver a scalable solution to support a variety of outdoor standalone and networked applications. With the removal of wires and simple programming through mobile app or enterprise software, NX Wireless provides a cost-effective install with multiple integrated control methods to comply with code and reduce energy costs.

SITE & AREA

BOLLARD

FLOOD & WALL MOUNT

CANOPY & GARAGE

SENSORS

- Multiple form factors and coverage patterns for integrated sensors
- IP65 rated versions for outdoor applications

INTEGRATED SOLUTIONS

- Integrated Radio Module provides wireless connectivity for NX Devices to the NX Network
- The NX 7-pin On-Fixture Module provides a single pole relay, 0-10V connection, Bluetooth® radio, and wireless 2.4GHz radio in a single package

Please scan QR code to view complete list of NX enabled luminaires from Current.

NX Networking

Building and Site Networking

The NX Networked devices provide a simplistic approach to networked lighting controls that are cost-effective and flexible for diverse applications. NX Network devices seamlessly connect across both indoor and outdoor applications through wired, wireless, or hybrid deployments.

NX Area Controller
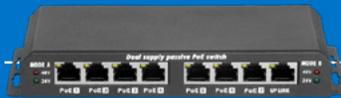
NX PoE Switch

NX Bridge

NX AREA CONTROLLER

- On-premise solid state controller with Intel I7 CPU, 16GB Memory, and 500GB SSD

- Multi-layer network security and access control (ioXt Certified)

- Integrates NX Lighting Control System with Building Management Systems (BMS) via BACnet IP interface (BTL Listed)

- Integrated remote connection provides access to NX customer support team assistance

- Supports up to 1,000 NX devices

- DIN rail mounting (DIN rail kit included)

NX BRIDGE

- Connects individual Zone Segments to main NX Network Segment

- Serves as a repeater to extend the NX Network Segment

- Connects Wired and Wireless Zones

- Multiple bridges can be connected to extend the number of devices in a Zone Segment

- Built-in time clock keeps zone devices and schedules synchronized

POE SWITCH

- Expands NX Network into 7 segments

- Each port is powered and can supply DC power to connected NX Bridges

- 24V AC/DC power supply included

MEDIA CONVERTER

- Provides ability to extend NX Network across large distances (up to 5km between media converter devices)

- Enables NX Network to span separate buildings with different ground planes

- Multi-mode operation supports copper CAT5 and fiber connections

Standalone Controls
Broad selection of devices to meet your project needs

OMNI CEILING MOUNT
OCCUPANCY SENSOR

- PIR, Ultrasonic & Dual Technology options
- Proprietary IntelliDAPT® Technology
- 500 – 2000 sqft coverage
- Line and low-voltage versions

LIGHTOWL WALL MOUNT
OCCUPANCY SENSOR

- PIR, Ultrasonic & Dual Technology options
- Proprietary IntelliDAPT Technology
- 450 – 1600 sqft coverage
- Wide View, High Bay and Outdoor versions

LIGHTHAWK WALL SWITCH
OCCUPANCY SENSOR

- PIR, Ultrasonic & Dual Tech Options
- Proprietary IntelliDAPT Technology
- 400 – 1000 sqft coverage
- Single & Dual Circuit Control
- RhinoTuff vandal resistant lens
- Line and low-voltage versions

WASP
FIXTURE MOUNT SENSOR

- On/Off Control & 0-10V Dimming
- Integrated photocell for daylight harvesting applications
- Lens options for Low to High Bay applications
- Available in surface mount and end mount options
- Line and low-voltage versions

BLUETOOTH WASP
FIXTURE MOUNT SENSOR

- On/Off Control & 0-10V Dimming
- Bluetooth programming via NX Lighting Controls App
- Tri-level set points
- IntelliSCOPE™ for real-time occupancy data
- Integrated photocell for daylight harvesting applications
- Multiple Lens Options for Low to High Bay Applications
- Line and low-voltage versions

BLUETOOTH SMP
FIXTURE MOUNT SENSOR

- 0-10V dimming with dim-to-off driver
- Bluetooth programming via NX Lighting Controls App
- High and Low mount sensor optons
- Multiple form factors and coverage patterns
- IntelliSCOPE™ for real-time occupancy data
- Photocell for daylight harvesting applications

NX CONNECT

- Simple room-based wireless controls programmed from the NX Connect mobile app
- In-Fixture wireless sensor options
- Single, dual, or three group wireless room controllers
- Battery Operated wireless ceiling mount occupancy and daylight sensor
- Battery Operated wireless switches and a self-powered wireless rocker switch

EMERGENCY DEVICES

- Automatic Load Control Relays
- Dual Voltage, 120V or 277V operation
- Provision for remote test button or fire alarm interface
- UL1008 Branch Circuit Transfer Relay
- Works with both inverter and generator systems
- Attractive Flush Mount Emergency Remote Test Button
- Low Voltage Class 2 Device

DAYLIGHT SENSORS

- Open Loop and Closed Loop photo sensors
- Foot-candle range: 3 – 6,000 fc
- Indoor and outdoor versions
- Low-profile design

CX LIGHTING CONTROLS PANEL

- Compact single enclosure with multiple size offerings for flexible and cost-effective installation
- Astronomical and real time clock for scheduling
- LCD user interface with keypad for easy and intuitive programming
- Allows for connection of low voltage devices directly to panel without any ancillary parts

WALLBOX DIMMERS

- Standalone Switch
- Full Range dimming
- Separate On/Off
- Single & 3-Way
- 120/277V Dimming Options

LOW VOLTAGE SWITCHES

- Standalone Switch
- On/Off and Dimming Versions
- 1-4 Button options
- Latching & Momentary options
- 24 VDC

GS Lighting Group
A division of Gross Sales Ltd. 30+ YEARS

GE CURRENT
LAMPS & DRIVERS

DESIGN GUIDE

LED LAMPS – TUBES
- Type A (Ballast Compatible)
- Type A+B (Dual Mode)
- Type C (Remote Driver)

LED LAMPS – HIDS
- LED HID for Hazardous Locations

LED LAMPS – PLUG-IN
- Type A (Ballast Compatible)
- Type B (Ballast Bypass)

LED LAMPS – DIRECTIONAL
- PARs
- MR16s
- RS Cans
- Reflectors

LED LAMPS – GENERAL PURPOSE
- A-Line
- Decorative

TRADITIONAL LAMPS
- Linear Fluorescent Lamps
- High Intensity Discharge Lamps
- Compact Fluorescent Lamps
- Halogen Lamps
- Incandescent Lamps

BALLASTS
- Linear Fluorescent Ballasts
- Compact Fluorescent Ballasts
- Electromagnetic HID Ballasts

DEPENDABLE

GE Lamps have provided the exceptional light quality that you know and love for years. Current's engineers continue to develop reliable GE LED Lamps that fit Traditional applications and meet industry standards for equivalency claims.

TRUSTED

A reputation for quality and reliability is our legacy. Current continues the proud tradition today, creating GE LED Lamps that last up to 70,000 hours and delivering superior solutions for even the most challenging replacement lamp applications.

Selectable LED Lamps

Lumen**Choice**®

Optimize light levels and power consumption instantly, maximizing energy savings immediately

Make lumen/wattage selections easily at any time with integrated switch, no tools required

Lumen**Choice**® + Spectra**Choice**™

Spectra**Choice**™

Match the color of lighting across a facility or choose to change the aesthetic of a space

Make color temperature selections easily at any time with integrated switch, no tools required

pg.**20**

LED Tubes

Reduce Inventory

Reduce SKU count and inventory dollars

Simplify Projects

Simplify BOMs, project management, MRO

Maintain utility rebates

Optimize Solutions

Create flexibility for

installers to react on-site

Take **control** of your lighting & inventory with our full line of Selectable **LED Lamps**

pg.**34**

LED HID

pg.**46**

LED Plug-In

pg.**61**

LED RS Cans

pg.**65**

LED A-Line

LED Lamps

LED Lamps - Tubes

Lamp **Drawings** (not drawn to scale)
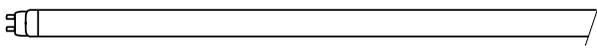
T5 (5/8" diameter) Miniature Bi-Pin Base (G5)
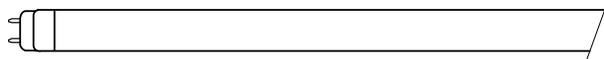
T8 (1" diameter) Medium Bi-Pin Base (G13)
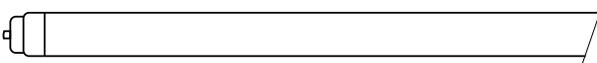
T8 (1" diameter) Single Pin Base (Fa8)
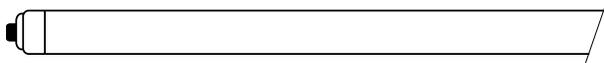
T8 (1" diameter) Recessed Double Contact Base (R17d)
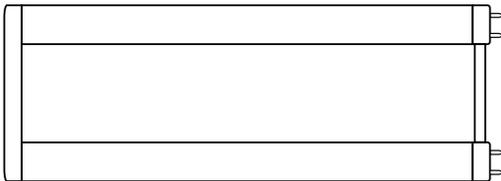
T8 (1" diameter) U6 Medium Bi-Pin Base (2G13)
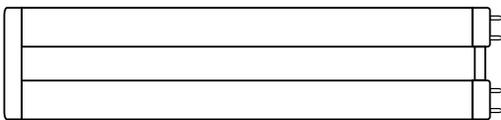
T8 (1" diameter) U1-5/8 Medium Bi-Pin Base (2G13)

Base **Identification** (not drawn to scale)

**Min BiPin
G5**
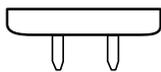
**Med BiPin
G13**
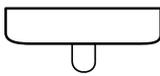
**Single Pin
Fa8**

**Recessed Double
Contact
R17D**

LED Tubes, sometimes referred to as "TLEDs," are meant to use linear fluorescent sockets and fixtures. LED Tubes have the same length and pins as the linear fluorescent lamps they are intended to replace. The details of how the fixture is wired and the auxiliary equipment used may vary, depending on the LED Tube solution.

The lighting industry refers to three basic Types of LED Tubes:

- **Type A LED Tubes** are intended to be used as direct replacements for linear fluorescent lamps, with no modification to the fixture. Type A LED Tubes operate from fluorescent ballasts.

- **Type B LED Tubes** operate from mains voltage. The ballast is bypassed and the fixture is re-wired according to the installation instructions that come with the lamp. Wiring may vary across Type B LED Tubes from different manufacturers. A retrofit fixture label indicating the LED Tube used and that the fixture has been re-wired is provided to be applied to the fixture.

- **Type C LED Tubes** operate from dedicated remote (external) LED drivers. Instead of a ballast, a remote driver is used to provide the proper voltage and current for the Type C LED Tubes. A retrofit fixture label indicating the LED Tube and Driver used is provided to be applied to the fixture. Type C LED Tube and Driver solutions vary across the industry – they are not yet standardized like linear fluorescent lamps and ballasts.

There are also "hybrid" lamps that can cover multiple Types of LED Tubes, depending on how they are implemented.

Current offers a wide range of GE LED Tubes to replace linear fluorescent lamps, including all of the Types above. Each Type of LED Tube offers different advantages, so the right solution may vary by application.

Which LED Tube is right for you?

A basic comparison of the Types of LED Tubes is provided below. For more detailed information, please contact your Current sales representative.

Ballast Compatible (UL Type A)	**Ballast Bypass (UL Type B)**	**External LED Driver (UL Type C)**
Easy Plug & Play	**Simple Long-Term Solution**	**Robust & Flexible System**
Uses fluorescent ballast	Uses no ballast / driver	Uses external LED driver
No re-wiring required	Re-wire to bypass ballast	Replace ballast with driver
Low installation cost	Low future maintenance	Low voltage output
Direct replacement (lamp)	Retrofit Kit (lamp, label)	Retrofit Kit (lamp, label, driver)
Dimming limited by ballast	Dimming impractical	Dimming driver (0-10V)
Check compatibility	Consider misapplication fuse	Field-tunable driver settings

LED Lamps - HID

GE LED lamps for HID replacement utilize a proprietary design with active cooling, which allows for high output from a compact size. The length and diameter match HID ANSI profiles. These lamps feature omnidirectional light output, with similar distribution to traditional HID lamps. This enables GE LED lamps to fit in a variety of fixtures while providing equivalent light levels to HID. All of the GE LED lamps in this category are Type B, which means the fixture is re-wired to bypass the ballast.

Lamp **Drawings** (not drawn to scale)

ED17

ED23.5

ED37

ED18

ED28

BT56

Base **Identification** (not drawn to scale)

Med Screw
E26

Mog Screw
E39

EX39
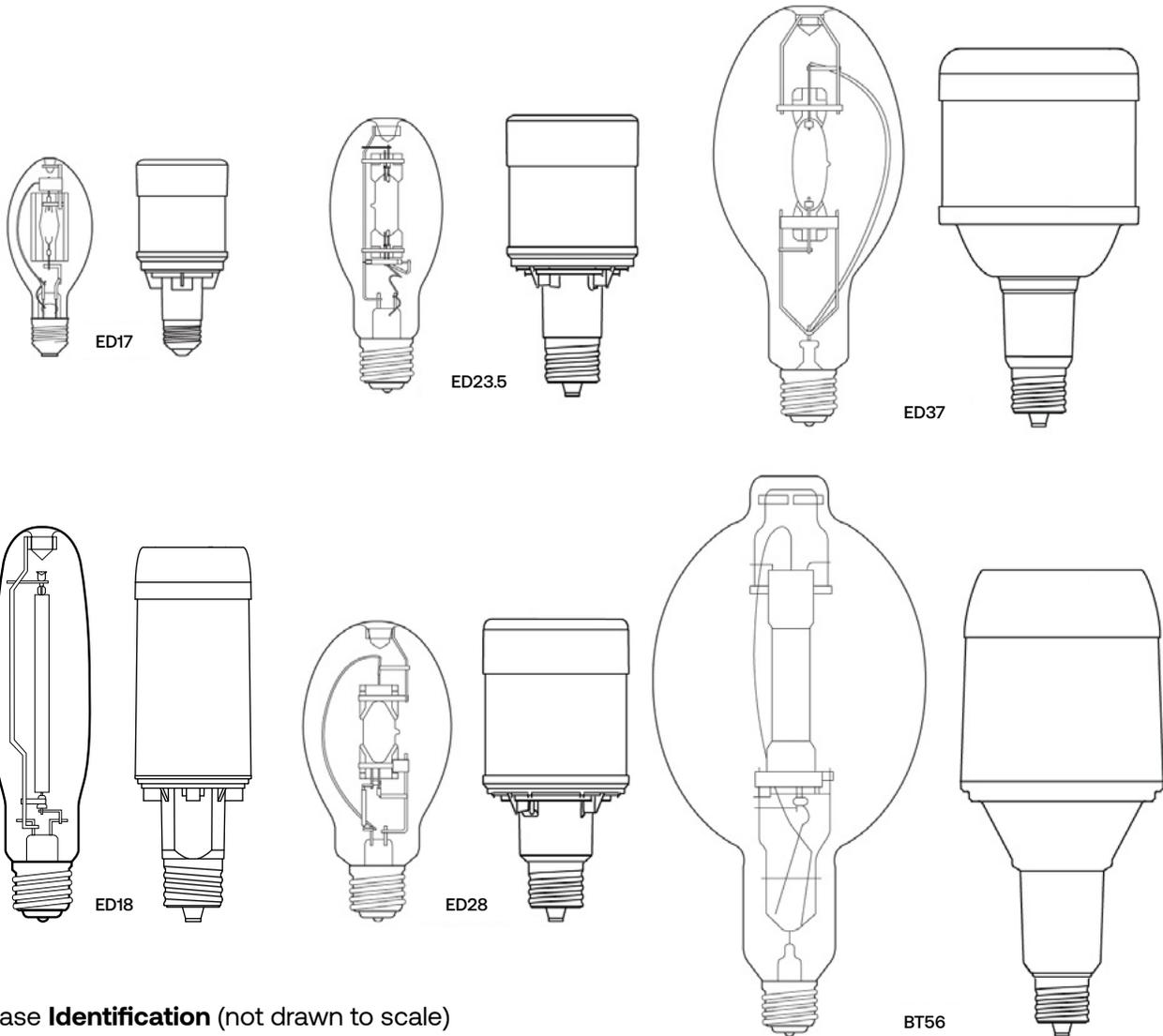
LED Lamps - HID

LED Lamps – HID Portfolio Snapshot

Profile	ED17			ED23.5		ED28		ED18	ED37	BT56		
Base	E26/EX39 Adapter			E26/EX39 Adapter EX39		EX39		EX39	EX39	EX39		
Voltage	120–277 120–347			120–277 277–480		120–277 277–480		120–277	277–480	120–277 277–480	208–277 277–480	277–480
Color Temp.	3000K, 4000K, 5000K			3000K, 4000K, 5000K		3000K, 4000K, 5000K		3000K, 4000K, 5000K	4000K or 5000K	4000K or 5000K		
Standard LED HID Lamps — Wattage	21W	35W	45W	50W	80W	115W	150W	180W	360W	270W	450W	470W
Lumens	3,000	5,000	7,000	7,500	12,000	18,000	23,500	30,000	53,000	40,000	65,000	85,000
NEMA MH Equivalent	70W	100W	175W	150W	250W	350W	400W	400W	750W	400W	1000W	1000W
NEMA HPS Equivalent	50W	70W	100W	100W	150W	250W	310W	400W	600W	400W	750W	1000W
Selectable LED HID Lamps*	Lumen**Choice**®+ Spectra**Choice**™			Lumen**Choice**®+ Spectra**Choice**™		Lumen**Choice**®+ Spectra**Choice**™			Lumen**Choice**®			
HazLoc Offering**	21W	35W	45W	80W		150W						

*Please refer to page 34 for more details about Selectable LED HID Lamps
**Please refer to page 40 for more details about Hazardous Location LED HID Lamps

Catalog Logic:

Bulb Shape: Bulb shape (corresponds to Traditional HID shape).

Base Type: ANSI Base

Watts: Energy Used (as defined by FTC Lamp Label Rules)

Order Code: Use the order code when ordering to ensure that you receive the exact product you require

Description: Lamp Model Description

Volts: Lamp data is based on operation at rated voltage

Carton Quantity: Number of lamps packed in a carton

MOL (in): Maximum Overall Length in inches

MOD (in): Maximum Overall Diameter in inches

Lumens: Light output (as defined by FTC Lamp Label Rules)

Color Temperature (K): A measure of the visual "warmth" or "coolness" of the light from the lamp. The higher the value, the whiter or "cooler" the light appears.

Color Rendering Index (CRI or R): An indication of the ability of the lamp to render object colors in a normal natural way. The higher the number (0-100), the better the color appearance.

Wattage Replacement: Wattage of Traditional Lamp the LED Lamp is meant to replace

Rated Life L70: Hours of operation the lamp will provide before reaching 70% of its original lumen output

Dimmable: Indicates whether a lamp is dimmable or not

DLC: Indicates whether product is listed on the DesignLights Consortium Qualified Products List

Location Rating: Location Rating as defined for LED Lamps by UL 1993

Bulb Shape	Base Type*	Watts	Order Code	Description	Volts	Carton Qty²	MOL (in)	MOD (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs)¹	Dimmable	DLC* ³,⁴	Location Rating ⁵,⁶
LED Replacement Lamps for HID – Ballast Bypass (Type B) – Hazardous Locations																
ED17	E26/EX39	21	93134832	LED21ED17/730/HAZ	120–277	3	5.4	2.6	3,000	3000K	>70	50W HPS / 70W MH	50,000	–	–	Damp

LED21ED17/730/HAZ

- Wattage
- Bulb Shape
- CRI (7 = 70)
- CCT (30 = 3000K)
- Hazardous Locations

LED Lamps - Plug-in - Type A

Type A - 4-pin Plug-ins

HORIZONTAL CONFIGURATION

9 Watt

18.5 Watt

4-PIN REPLACEMENT

9 Watt Replacement Bases

GX24Q-1 / G24q-1   GX24q-2 / G24q-2   GX24q-3 / G24q-3

18.5 Watt Replacement Bases

GX24q-3   GX24q-4

VERTICAL CONFIGURATION

9 Watt

18.5 Watt

Selectable SpectraChoice™ Type A - 4-pin Plug-in Lamps

Bulb Shape	Base Type	Lamp Watts	Order Code	Description	Carton Qty[2]	MOL (In)	Lumens (Initial)[5]	Color Temp* (Initial)	CRI	Wattage Replace- ment	Rated Life L70 (Hrs)[1]	DLC* ID[4]	Location Rating[3]	Additional Information^
Vertical Type A 4-pin														
Plug-In	G24q/GX24q	9	93300089	LED9G24q-V/8SC-4PK	24	5.9	1000 1100 1100 1100	2700K 3000K 3500K 4000K*	80	13/18/26	50,000	S-WU5YE2	Damp	SpectraChoice™ Selectable Color Temperature (4000K Default), Requires Electronic Ballast, Fully Enclosed, 4 pack
Plug-In	G24q/GX24q	18.5	93314806	LED19GX24q-V/8SC	12	6.5	1850 1850 1850 1850	2700K 3000K 3500K 4000K*	80	32/42	50,000	–	Damp	SpectraChoice™ Selectable Color Temperature (4000K Default), Requires Electronic Ballast
Horizontal Type A 4-pin														
Plug-In	G24q/GX24q	18.5	93314804	LED19GX24q-H/8SC	12	6.8	1850 1850 1850 1850	2700K 3000K 3500K 4000K*	80	32/42	50,000	–	Damp	SpectraChoice™ Selectable Color Temperature (4000K Default), Requires Electronic Ballast

Type A - 4-pin Plug-in Lamps

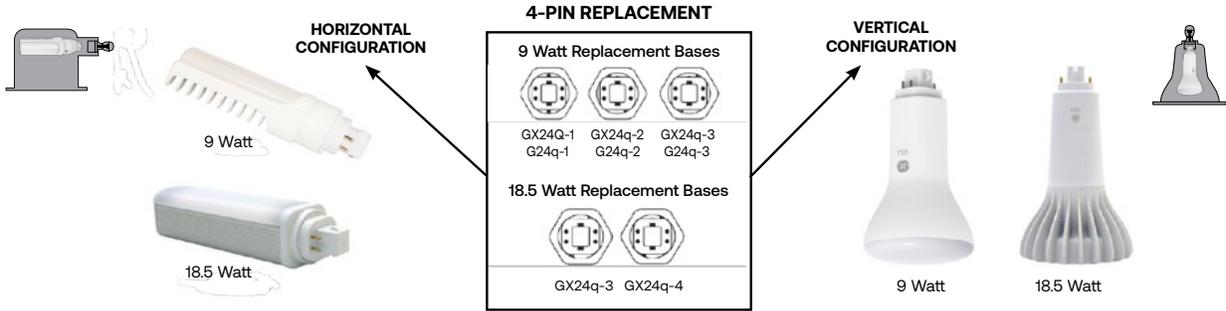| Bulb Shape	Base Type	Lamp Watts	Order Code	Description	Carton Qty[2]	MOL (In)	Lumens (Initial)[5]	Color Temp* (Initial)	CRI	Wattage Replace- ment	Rated Life L70 (Hrs)[1]	DLC* ID[4]	Location Rating[3]	Additional Information#
Vertical Type A 4-pin														
Plug-In	G24q/GX24q	9	33969	LED9G24Q-V/830	6	5.9	1200	3000K	80	13/18/26	50,000	–	Damp	Requires Electronic Ballast, Fully Enclosed
	GX24q	18.5	39288	LED19GX24q-V/827	6	6.42	1800	2700K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39277	LED19GX24q-V/830	6	6.42	1850	3000K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39275	LED19GX24q-V/835	6	6.42	1950	3500K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39279	LED19GX24q-V/840	6	6.42	1950	4000K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
Horizontal Type A 4-pin														
Plug-In	G24q/GX24q	9	33994	LED9G24Q-H/827	6	5.31	1100	2700K	80	13/18/26	50,000	S-6PKGMC	Damp	Requires Electronic Ballast, Fully Enclosed
	G24q/GX24q	9	33997	LED9G24Q-H/830	6	5.31	1200	3000K	80	13/18/26	50,000	S-RVMH0C	Damp	Requires Electronic Ballast, Fully Enclosed
	G24q/GX24q	9	33998	LED9G24Q-H/835	6	5.31	1200	3500K	80	13/18/26	50,000	S-HOEDLY	Damp	Requires Electronic Ballast, Fully Enclosed
	G24q/GX24q	9	33999	LED9G24Q-H/840	6	5.31	1200	4000K	80	13/18/26	50,000	S-3FW29C	Damp	Requires Electronic Ballast, Fully Enclosed
	GX24q	18.5	39289	LED19GX24q-H/827	6	6.7	1850	2700K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39282	LED19GX24q-H/830	6	6.7	1850	3000K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39276	LED19GX24q-H/835	6	6.7	1950	3500K	80	32/42	50,000	–	Damp	Requires Electronic Ballast
	GX24q	18.5	39283	LED19GX24q-H/840	6	6.7	1950	4000K	80	32/42	50,000	–	Damp	Requires Electronic Ballast

Type A - High Lumen Biax 2G11 Plug-in Lamps

Bulb Shape	Base Type	Lamp Watts	Order Code	Description	Carton Qty[2]	MOL (In)	Lumens (Initial)	Color Temp (Initial)	CRI	Wattage Replace- ment	Rated Life L70 (Hrs)[1]	DLC* ID[4]	Location Rating[3]	Additional Information#
High Lumen Biax Type A (HLBX)														
HLBX	2G11	17	39073	LED172G11/830/10	10	22.3	2150	3000K	80	40	50,000	–	Damp	Instant or PRS Ballast
	2G11	17	39074	LED172G11/835/10	10	22.3	2150	3500K	80	40	50,000	–	Damp	Instant or PRS Ballast
	2G11	17	39075	LED172G11/840/10	10	22.3	2200	4000K	80	40	50,000	–	Damp	Instant or PRS Ballast
	2G11	17	39076	LED172G11/850/10	10	22.3	2200	5000K	80	40	50,000	–	Damp	Instant or PRS Ballast

[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity = Carton Qty
[3] UL 1993 Environmental Requirements for LED LAMPS
  Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations
[4] Not all product variations on this page are DLC qualified. Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
[5] Lumen levels correspond with color temperature for selectable lamps
* Default color temperature setting is 4000K for selectable lamps
# Check ballast compatibility at LED.com/LED4pin-compatibility for G24q/GX24q lamps. Check ballast compatibility at LED.com/LED2G11-compatibility for 2G11 lamps.

LED Lamps – Type B Plug-ins

Type B LED plug-in lamps offer the opportunity to replace pin-based compact fluorescent lamps and eliminate costs related to the ballasts. Type B lamps operate from mains voltage. The fixture is re-wired to bypass the ballast. Horizontal and vertical orientation lamps are offered in order to minimize energy consumption and improve fixture efficiency. Choose the lamp orientation that suits the application.

Lamp **Drawings** (not drawn to scale)
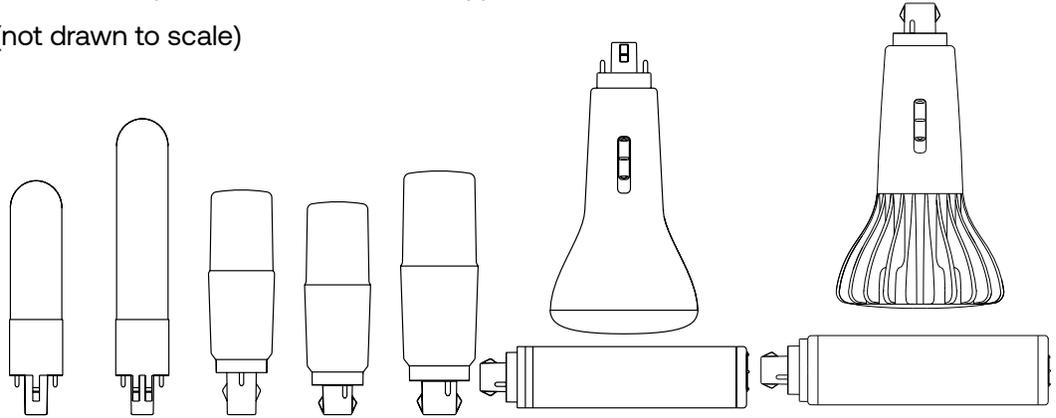
Base	G23	GX23	GX23-2	G24	G24	G24	G24
Fits In Sockets	G23	GX23	GX23-2	G24d G24q GX24q	G24d G24q GX24q	G24d G24q GX24q	G24d G24q GX24q
Input Voltage	120-277	120-277	120-277	120-277	120-277	120-347	120-347
Color Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K 5000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	SpectraChoice™ 2700K 3000K 3500K 4000K	SpectraChoice™ 2700K 3000K 3500K 4000K
Rated Life (L70)	50,000	50,000	20,000	20,000	50,000	50,000	50,000
Lumens	500	500	800	850	1200	1100	1850
Light Distribution	Directional	Directional	Omnidirec-tional	Omnidirec-tional	Omnidirec-tional	Directional	Directional
Wattage	5W	5W	7.5W	7.5W	10W	10.5W	18W
CFL Equivalent	7/9W	13W	13W	13W	18W	13/18/26W	32/42W

Heat sink for thermal management enables long life

Plastic lens provides excellent diffusion

Type B G24 Horizontal

Horizontal orientation lamps feature a rotatable base

Type B G24 Vertical

G24 Type B plug-in bases can be used in a variety of sockets

LED Lamps – PARs

Current offers LED PAR lamps featuring the exclusive Visual Comfort Lens design. With advanced optics and reduced glare, these lamps offer the light qualities desired by merchants for retail applications.

High output and value lines are also available to serve applications needing higher lumens or when advanced optics are not required.

Advanced optics of Retail PARs include a reflector and Fresnel lens to reduce glare

Visual Comfort Lens

PAR38

High Output lamps feature finned heat sinks for improved thermal management

PAR30
(High Output)

LED Lamps - Directional

Catalog Logic:

Bulb Shape: Bulb shape followed by its size (the maximum diameter of the bulb expressed in eighths of an inch).

Base Type: ANSI Base

Watts: Energy Used (as defined by FTC Lamp Label Rules)

Order Code: Use the order code when ordering to ensure that you receive the exact product you require

Description: Lamp Model Description

Volts: Lamp data is based on operation at rated voltage

Carton Quantity: Number of lamps packed in a carton

MOL (in): Maximum Overall Length in inches

Lumens: Light output (as defined by FTC Lamp Label Rules)

Color Temperature (K): A measure of the visual "warmth" or "coolness" of the light from the lamp. The higher the value, the whiter or "cooler" the light appears.

CBCP: Center Beam Candle Power

Color Rendering Index (CRI or R): An indication of the ability of the lamp to render object colors in a normal natural way. The higher the number (0-100), the better the color appearance.

Wattage Replacement: Wattage of Traditional Lamp the LED Lamp is meant to replace

Rated Life L70: Hours of operation the lamp will provide before reaching 70% of its original lumen output

Dimmable: Indicates whether a lamp is dimmable or not

Location Rating: Location Rating as defined for LED Lamps by UL 1993

Additional Information: Typical application and/or other important information

Beam Angle: Degrees

Housing Color: Color of lamp body

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	CBCP	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs)[1]	Dimmable	Location Rating[3]	Beam Angle	Housing Color	Additional Information
PAR38 - Low Glare - Visual Comfort Lens																		
PAR38	E26	18	87917	LED18D38OW3835/40	120	6	5.31	1700	4400	3500K	81	150	25,000	Yes	Wet	40°	White	

LED18D38OW3835/40

- Wattage
- D = Dimmable
- Bulb Shape (P=PAR, sometimes dropped for space)
- O = Outdoor (Wet rated)
- Body color (W= White)
- Generational indicator
- CRI (8 = 80)
- CCT (35 = 3500K)
- Beam Angle (40 = 40 degrees)

Lamp **Drawings** (not drawn to scale)

PAR16

PAR20

PAR30

PAR30L

PAR30LHO

PAR38

PAR38HO
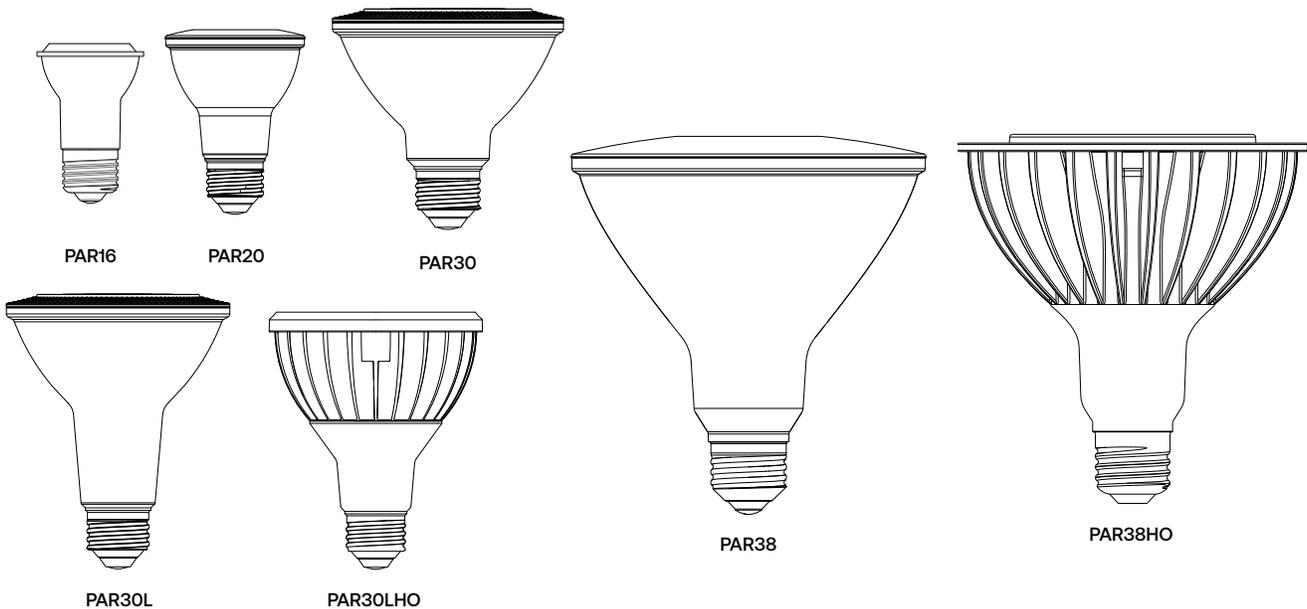
LED Lamps - General Purpose

LED Lamps – SpectraChoice™ A-Line Lamps (Dimmable)

SpectraChoice™ A-line dimmable lamps feature built-in switches to select color temperature. These lamps are offered in 40, 60, 75 & 100W incandescent equivalent lumen levels. Four lamps can cover the vast majority of A-line applications, providing a great opportunity to reduce inventory and simplify BOMs.

SpectraChoice™

- 2700K
- 3000K
- 3500K
- 4000K
- 5000K

Selectable SpectraChoice™ A-Line Lamps (Dimmable)

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (In)	Lumens (Initial)[5]	Selectable Color Temp. (Initial)*	CRI	Wattage Replacement	Rated Life L70 (Hrs)[1]	Dimmable	Location Rating[3]	Additional Information
A-Line SpectraChoice™ Selectable Color Temperature															
A19	E26	6	93313531	LED6DA19/9SC/E	120	24	4.3	480	2700K* 3000K 3500K 4000K 5000K	90	40	15,000	Yes	Damp, Enclosed	White, CEC Title 20
A19	E26	10	93313549	LED10DA19/9SC/E	120	24	4.3	800	2700K* 3000K 3500K 4000K 5000K	90	60	15,000	Yes	Damp, Enclosed	White, CEC Title 20
A19	E26	13	93313543	LED13DA19/9SC	120	24	4.7	1100	2700K* 3000K 3500K 4000K 5000K	90	75	15,000	Yes	Damp	White, CEC Title 20
A19	E26	15	93313537	LED15DA19/9SC	120	24	4.7	1600	2700K* 3000K 3500K 4000K 5000K	90	100	15,000	Yes	Damp	White, CEC Title 20

[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity = Carton Qty
[3] UL 1993 Environmental Requirements for LED LAMPS
   Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations
* Default color temperature setting is 2700K

LED Lamps – General Purpose

A-Line Lamps (Dimmable)

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replace-ment	Rated Life L70 (Hrs)[1]	Dim-mable	Location Rating[3]	Additional Information
A15															
A15	E26	3.5	93312022	LED4DFA15-W/927	120	12	3.5	300	2700K	90	40	15,000	Yes	Damp	All Glass, White, CEC Title 20
	E26	3.5	93142809	LED4DFA15-C-2PK	120	12	3.5	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	3.5	93142810	LED4DFA15-W-2PK	120	12	3.5	300	2700K	80	40	15,000	Yes	Damp	All Glass, White, 2 pack
A19															
A19	E26	4.5	37669	LED5DAGCSW-2P 120	120	12	4.4	450	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack^
	E26	6	93156446	LED6DA19/827/E-4PK	120	24	4.3	480	2700K	80	40	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	6	93156447	LED6DA19/830/E-4PK	120	24	4.3	480	3000K	80	40	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	6	93156448	LED6DA19/840/E-4PK	120	24	4.3	480	4000K	80	40	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	6	93156449	LED6DA19/850/E-4PK	120	24	4.3	480	5000K	80	40	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	10	93156450	LED10DA19/827/E-4PK	120	24	4.3	800	2700K	80	60	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	10	93156531	LED10DA19/830/E-4PK	120	24	4.3	800	3000K	80	60	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	10	93156532	LED10DA19/840/E-4PK	120	24	4.3	800	4000K	80	60	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	10	93156533	LED10DA19/850/E-4PK	120	24	4.3	800	5000K	80	60	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	12	93156534	LED12DA19/827/E-4PK	120	24	4.7	1100	2700K	80	75	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	12	93156535	LED12DA19/830/E-4PK	120	24	4.7	1100	3000K	80	75	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	12	93156536	LED12DA19/840/E-4PK	120	24	4.7	1100	4000K	80	75	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	12	93156537	LED12DA19/850/E-4PK	120	24	4.7	1100	5000K	80	75	15,000	Yes	Damp, Enclosed	White, 4 pack
	E26	15	93156538	LED15DA19/827-4PK	120	24	4.7	1600	2700K	80	100	15,000	Yes	Damp	White, 4 pack
	E26	15	93156539	LED15DA19/830-4PK	120	24	4.7	1600	3000K	80	100	15,000	Yes	Damp	White, 4 pack
	E26	15	93156540	LED15DA19/840-4PK	120	24	4.7	1600	4000K	80	100	15,000	Yes	Damp	White, 4 pack
	E26	15	93156541	LED15DA19/850-4PK	120	24	4.7	1600	5000K	80	100	15,000	Yes	Damp	White, 4 pack

A-Line Lamps 90 CRI (Dimmable)

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replace-ment	Rated Life L70 (Hrs)[1]	Dim-mable	Location Rating[3]	Additional Information
A19															
A19	E26	5.5	93305532	LED6DA19/927/E-4PK	120	24	4.3	450	2700K	90	40	15,000	Yes	Damp, Enclosed	White, 4 pack, CEC Title 20
	E26	5.5	93305533	LED6DA19/950/E-4PK	120	24	4.3	450	5000K	90	40	15,000	Yes	Damp, Enclosed	White, 4 pack, CEC Title 20
	E26	10	93305534	LED10DA19/927/E-4PK	120	24	4.3	800	2700K	90	60	15,000	Yes	Damp, Enclosed	White, 4 pack, CEC Title 20
	E26	10	93305535	LED10DA19/950/E-4PK	120	24	4.3	800	5000K	90	60	15,000	Yes	Damp, Enclosed	White, 4 pack, CEC Title 20
	E26	13	93305536	LED13DA19/927-4PK	120	24	4.7	1100	2700K	90	75	15,000	Yes	Damp	White, 4 pack, CEC Title 20
	E26	13	93305537	LED13DA19/950-4PK	120	24	4.7	1100	5000K	90	75	15,000	Yes	Damp	White, 4 pack, CEC Title 20
	E26	15	93305538	LED15DA19/927-4PK	120	24	4.7	1600	2700K	90	100	15,000	Yes	Damp	White, 4 pack, CEC Title 20
	E26	15	93305539	LED15DA19/950-4PK	120	24	4.7	1600	5000K	90	100	15,000	Yes	Damp	White, 4 pack, CEC Title 20

A-Line Lamps (High Output)

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replace-ment	Rated Life L70 (Hrs)[1]	Dim-mable	Location Rating[3]	Additional Information
A21															
A21	E26	22	93309224	LED22DA21/827	120	4	5.7	2610	2700K	80	150	15,000	Yes	Wet	White
	E26	22	93309225	LED22DA21/850	120	4	5.7	2610	5000K	80	150	15,000	Yes	Wet	White
	E26	23	93309226	LED23A21/827	120	4	5.7	3010	2700K	80	200	15,000	No	Wet	White
	E26	23	93309227	LED23A21/850	120	4	5.7	3010	5000K	80	200	15,000	No	Wet	White

[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity = Carton Qty
[3] UL 1993 Environmental Requirements for LED LAMPS

Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations

Wet Location – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

When installing outdoors, ensure the socket used is suitably Listed for use in Wet locations and socket gaskets provided by the manufacturer are correctly attached.

^ GE Lighting, a Savant company, lamp, distributed Current Lighting Solutions, LLC.

LED Lamps - General Purpose

Catalog Logic:

Bulb Shape: Bulb shape followed by its size (the maximum diameter of the bulb expressed in eighths of an inch).

Watts: Energy Used (as defined by FTC Lamp Label Rules)

Base Type: ANSI Base

Order Code: Use the order code when ordering to ensure that you receive the exact product you require

Description: Lamp Model Description

Volts: Lamp data is based on operation at rated voltage

Carton Quantity: Number of lamps packed in a carton

MOL (in): Maximum Overall Length in inches

Lumens: Light output (as defined by FTC Lamp Label Rules)

Color Temperature (K): A measure of the visual "warmth" or "coolness" of the light from the lamp. The higher the value, the whiter or "cooler" the light appears.

Color Rendering Index (CRI or R): An indication of the ability of the lamp to render object colors in a normal natural way. The higher the number (0-100), the better the color appearance.

Rated Life L70: Hours of operation the lamp will provide before reaching 70% of its original lumen output

Wattage Replacement: Wattage of Traditional Lamp the LED Lamp is meant to replace

Dimmable: Indicates whether a lamp is dimmable or not

Location Rating: Location Rating as defined for LED Lamps by UL 1993

Additional Information: Typical application and/or other important information

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs)[1]	Dimmable	Location Rating[3]	Additional Information
Candles															
CA	E12	3.5	93142795	LED4DFCAC-C-2PK	120	12	4.6	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack

LED4DFCAC-C-2PK

Wattage
D = Dimmable
F = Filament
Shape (CA = bent tip Candle, B = Blunt tip, G = Globe)
Base (C = Candelabra [E12], M = Medium [E26])
Finish (C = Clear, W = White)
2PK = Inner pack of 2 lamps (Smallest unit of sale downstream)

Lamp **Drawings** (not drawn to scale)

BC BM CAC CAM G16 G25

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LED Lamps - General Purpose

CAM

BM

G25

A15-VTG

ST19-VTG

CAC

BC

G16

Decorative Lamps

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs)[1]	Dimmable	Location Rating[3]	Additional Information
Candles															
CA/B	E26	2.5	93142804	LED3DFCAM-C-2PK	120	12	4.4	200	2700K	80	25	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E26	2.5	93142808	LED3DFCAM-W-2PK	120	12	4.4	200	2700K	80	25	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
	E26	3.5	93142811	LED4DFBM-C-2PK	120	12	3.8	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	3.5	93142814	LED4DFBM-W-2PK	120	12	3.8	300	2700K	80	40	15,000	Yes	Damp	All Glass, White, 2 pack
	E26	3.5	93311960	LED4DFCAM-C/927	120	12	4.4	300	2700K	90	40	15,000	Yes	Damp	All Glass, Clear, Bent Tip, CEC Title 20
	E26	3.5	93142812	LED4DFCAM-C-2PK	120	12	4.4	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E26	3.5	93142815	LED4DFCAM-W-2PK	120	12	4.4	300	2700K	80	40	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
	E26	5	93142855	LED5DFBM-C-2PK	120	12	3.8	500	2700K	80	60	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	5	93142856	LED5DFBM-W-2PK	120	12	3.8	500	2700K	80	60	15,000	Yes	Damp	All Glass, White, 2 pack
	E26	5	93142851	LED5DFCAM-C-2PK	120	12	4.4	500	2700K	80	60	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E26	5	93142852	LED5DFCAM-W-2PK	120	12	4.4	500	2700K	80	60	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
	E12	2.5	93142792	LED3DFCAC-C-2PK	120	12	4.6	200	2700K	80	25	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E12	2.5	93142793	LED3DFCAC-W-2PK	120	12	4.6	200	2700K	80	25	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
	E12	3.5	93142794	LED4DFBC-C-2PK	120	12	3.9	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E12	3.5	93142796	LED4DFBC-W-2PK	120	12	3.9	300	2700K	80	40	15,000	Yes	Damp	All Glass, White, 2 pack
	E12	3.5	93312028	LED4DFCAC-C/927	120	12	4.6	300	2700K	90	40	15,000	Yes	Damp	All Glass, Clear, Bent Tip, CEC Title 20
	E12	3.5	93142795	LED4DFCAC-C-2PK	120	12	4.6	300	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E12	3.5	93142797	LED4DFCAC-W-2PK	120	12	4.6	300	2700K	80	40	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
	E12	5	93142802	LED5DFBC-C-2PK	120	12	3.9	500	2700K	80	60	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E12	5	93142803	LED5DFBC-W-2PK	120	12	3.9	500	2700K	80	60	15,000	Yes	Damp	All Glass, White, 2 pack
	E12	5	93142800	LED5DFCAC-C-2PK	120	12	4.6	500	2700K	80	60	15,000	Yes	Damp	All Glass, Clear, Bent Tip, 2 pack
	E12	5	93142801	LED5DFCAC-W-2PK	120	12	4.6	500	2700K	80	60	15,000	Yes	Damp	All Glass, White, Bent Tip, 2 pack
Globes															
G25	E26	2.8	93142805	LED3DFG25-C-2PK	120	12	4.7	250	2700K	80	25	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	2.8	93142807	LED3DFG25-W-2PK	120	12	4.7	250	2700K	80	25	15,000	Yes	Damp	All Glass, White, 2 pack
	E26	4	93311963	LED4DFG25-C/927	120	12	4.7	350	2700K	90	40	15,000	Yes	Damp	All Glass, Clear, CEC Title 20
	E26	4	93311966	LED4DFG25-W/927	120	12	4.7	350	2700K	90	40	15,000	Yes	Damp	All Glass, White, CEC Title 20
	E26	4	93142847	LED4DFG25-C-2PK	120	12	4.7	350	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	4	93142846	LED4DFG25-W-2PK	120	12	4.7	350	2700K	80	40	15,000	Yes	Damp	All Glass, White, 2 pack
	E26	5	93142850	LED5DFG25-C-2PK	120	12	4.7	500	2700K	80	60	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E26	5	93142849	LED5DFG25-W-2PK	120	12	4.7	500	2700K	80	60	15,000	Yes	Damp	All Glass, White, 2 pack
G16.5	E12	3.5	28280	LED3DFG16-GW-2T	120	12	3.0	250	2700K	80	25	15,000	Yes	Damp	All Glass, White, 2 pack^
	E12	4	93142798	LED4DFG16C-C-2PK	120	12	3.4	350	2700K	80	40	15,000	Yes	Damp	All Glass, Clear, 2 pack
	E12	4	93142799	LED4DFG16C-W-2PK	120	12	3.4	350	2700K	80	40	15,000	Yes	Damp	All Glass, White, 2 pack

Vintage Style Decorative Lamps

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs)[1]	Dimmable	Location Rating[3]	Additional Information
Vintage															
A15	E26	3	93311928	LED3DFA15-C-VTG	120	12	3.5	150	2150K	90	25	15,000	Yes	Damp	All Glass, Clear Amber, CEC Title 20 Exempt
ST19	E26	5.5	93311890	LED5DFST19-C-VTG	120	12	5.3	400	2150K	90	40	15,000	Yes	Damp	All Glass, Clear Amber, CEC Title 20 Exempt

[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity = Carton Qty
[3] UL 1993 Environmental Requirements for LED LAMPS
  Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations
^ GE Lighting, a Savant company, lamp, distributed Current Lighting Solutions, LLC.

Traditional
Lamps

Fluorescent Phase-Out Regulations: Several US states have enacted legislation that prohibit/will prohibit the sale of Linear and Compact Fluorescent Lamps within their state. For more information including effective dates, please visit **www.LED.com/lamplegislation**

T5 Starcoat Ecolux® Lamps

Bulb Shape	Base Type	Watts	Nominal Length (in.)	Order Code	Description	Carton Qty¹	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Initial Lumens	Mean Lumens	Color Temp.	CRI	Notes	Type B LED Replacement Order Code	Type B LED Replacement Description
T5 High Efficiency															
T5	G5	14	21.6	31590	F14W/T5/830/ECO	40	30,000	36,000	1,350	1,240	3000K	85		93128494	LED9BDT5G2/830HE
	G5	14	21.6	46671	F14W/T5/835/ECO	40	30,000	36,000	1,350	1,240	3500K	85		93128495	LED9BDT5G2/835HE
	G5	14	21.6	46673	F14W/T5/841/ECO	40	30,000	36,000	1,350	1,240	4100K	85		93128570	LED9BDT5G2/840HE
	G5	21	33.4	46677	F21W/T5/830/ECO	40	30,000	36,000	2,100	1,930	3000K	85		93128488	LED11BDT5G3830HE
	G5	21	33.4	46684	F21W/T5/835/ECO	40	30,000	36,000	2,100	1,930	3500K	85		93128490	LED11BDT5G3835HE
	G5	21	33.4	46687	F21W/T5/841/ECO	40	30,000	36,000	2,100	1,930	4100K	85		93128491	LED11BDT5G3840HE
	G5	28	45.2	46704	F28W/T5/830/ECO	40	30,000	36,000	2,900	2,660	3000K	85		93128354	LED14BDT5G4830HE
	G5	28	45.2	46705	F28W/T5/835/ECO	40	30,000	36,000	2,900	2,660	3500K	85		93128355	LED14BDT5G4835HE
	G5	28	45.2	46706	F28W/T5/841/ECO	40	30,000	36,000	2,900	2,660	4100K	85		93128486	LED14BDT5G4840HE
T5 High Output															
T5	G5	24	21.6	46699	F24W/T5/830/ECO	40	30,000	36,000	2,000	1,840	3000K	85		93113793	LED11BDT5/G2/830
	G5	24	21.6	46700	F24W/T5/835/ECO	40	30,000	36,000	2,000	1,840	3500K	85		93114322	LED11BDT5/G2/835
	G5	24	21.6	46701	F24W/T5/841/ECO	40	30,000	36,000	2,000	1,840	4100K	85		93114323	LED11BDT5/G2/840
	G5	39	33.4	46744	F39W/T5/830/ECO	40	30,000	36,000	3,500	3,220	3000K	85		93114325	LED17BDT5/G3/830
	G5	39	33.4	46745	F39W/T5/835/ECO	40	30,000	36,000	3,500	3,220	3500K	85		93114626	LED17BDT5/G3/835
	G5	54	45.2	46759	F54W/T5/830/ECO	40	30,000	36,000	5,000	4,600	3000K	85		93100292	LED25BDT5/G4/830
	G5	54	45.2	46760	F54W/T5/835/ECO	40	30,000	36,000	5,000	4,600	3500K	85		93100293	LED25BDT5/G4/835
	G5	54	45.2	46761	F54W/T5/841/ECO	40	30,000	36,000	5,000	4,600	4100K	85		93100294	LED25BDT5/G4/840
	G5	54	45.2	46762	F54W/T5/850/ECO	40	30,000	36,000	4,800	4,410	5000K	85		93100295	LED25BDT5/G4/850
	G5	54	45.2	46763	F54W/T5/865/ECO	40	30,000	36,000	4,750	4,370	6500K	85		93100295	LED25BDT5/G4/850

T5 Preheat Lamps

Bulb Shape	Base Type	Watts	Nominal Length (in.)	Order Code	Description	Carton Qty¹	Rated Life (3hr/Start)	Initial Lumens	Mean Lumens	Color Temp.	CRI	Notes	Type B LED Replacement Order Code	Type B LED Replacement Description
12" and 21" Short T5														
T5	G5	8	12.0	10059	F8T5/CW	24	5,000	400	320	4100K	60			
	G5	13	21.0	10086	F13T5/CW	24	5,000	850	705	4100K	60			

T8 Starcoat® Lamps

| Bulb Shape	Base Type	Watts	Nominal Length (in.)	Order Code	Description	Carton Qty¹	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Initial Lumens	Mean Lumens	Color Temp.	CRI	Notes	Type B LED Replacement Order Code	Type B LED Replacement Description
2' T8 Ecolux¹															
T8	G13	17	24.0	45741	F17T8/SP30/ECO	24	30,000	36,000	1,325	1,260	3000K	78		39558	LED9BDT8/G2/830
	G13	17	24.0	45743	F17T8/SP35/ECO	24	30,000	36,000	1,325	1,260	3500K	78		39560	LED9BDT8/G2/835
	G13	17	24.0	45748	F17T8/SP41/ECO	24	30,000	36,000	1,325	1,260	4100K	78		39561	LED9BDT8/G2/840
3' T8 Ecolux®															
T8	G13	25	36.0	45754	F25T8/SP35/ECO	24	30,000	36,000	2,080	1,970	3500K	78		39547	LED12BDT8/G3/835
	G13	25	36.0	45756	F25T8/SP41/ECO	24	30,000	36,000	2,080	1,970	4100K	78		39554	LED12BDT8/G3/840
4' T8 Ecolux®															
T8	G13	32	48.0	68850	F32T8/SPX30/ECO2	36	30,000	36,000	2,925	2,770	3000K	85	△	39493	LED14BDT8/G4/830
	G13	32	48.0	68851	F32T8/SPX35/ECO2	36	30,000	36,000	2,925	2,770	3500K	85	△	39494	LED14BDT8/G4/835
	G13	32	48.0	68852	F32T8/SPX41/ECO2	36	30,000	36,000	2,925	2,770	4100K	85	△	39498	LED14BDT8/G4/840
	G13	32	48.0	68853	F32T8/SPX50/ECO2	36	30,000	36,000	2,900	2,755	5000K	82	△	39519	LED14BDT8/G4/850
	G13	32	48.0	66342	F32T8/SPX65/ECO2	36	30,000	36,000	2,900	2,755	6500K	78	△	39519	LED14BDT8/G4/850

¹ Minimum order quantity = Carton Qty
△ Impacted by 4' fluorescent state legislation, SKU not for sale in Vermont after 1/1/2024 due to state legislation; for more information please visit **www.LED.com/lamplegislation**

High Intensity Discharge lighting provides energy efficiency in a compact size for many commercial and industrial applications.
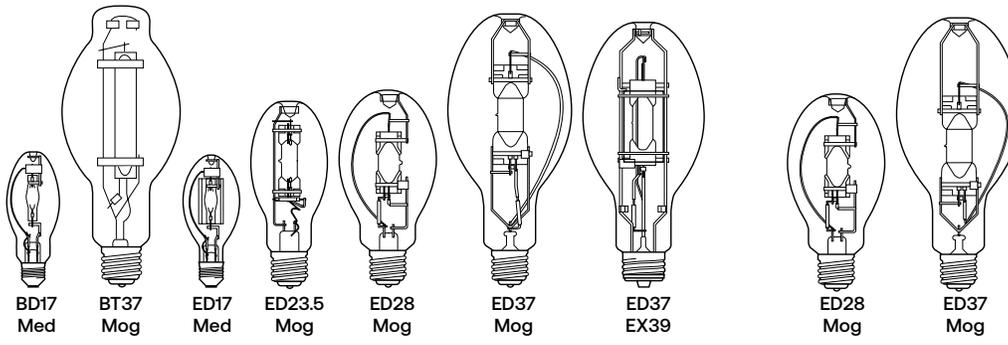
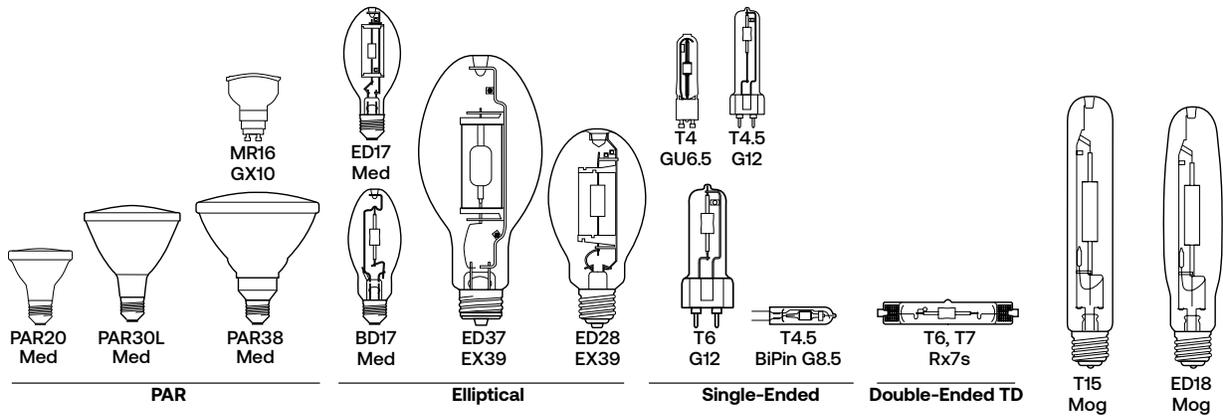## Reference Guide | Bulb Identification
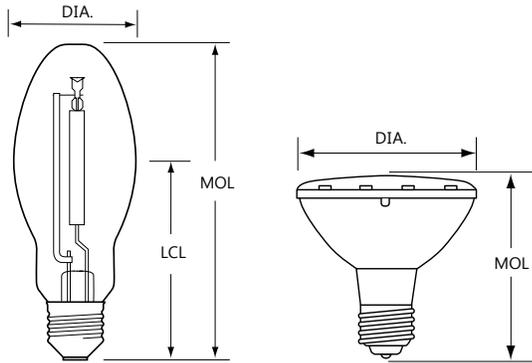
DIA: Diameter of bulb at widest point.

MOL: Maximum Overall Length including base or pins.

LCL: Distance between the center of the arc tube and the Light Center Length reference plane.

Note: Lamp drawings are not drawn to scale. Be sure to check size and dimension information when identifying each lamp.

To convert inches to millimeters, multiply the dimension (in inches) by 25.4 (i.e. 1.5" x 25.4 = 38.1 mm).

Filament Identification

| BD17 Med | BT37 Mog | ED17 Med | ED23.5 Mog | ED28 Mog | ED37 Mog | ED37 EX39 | | ED28 Mog | ED37 Mog |

Base Identification (not drawn to scale)

| PAR20 Med | PAR30L Med | PAR38 Med | MR16 GX10 | ED17 Med | BD17 Med | ED37 EX39 | ED28 EX39 | T4 GU6.5 | T4.5 G12 | T6 G12 | T4.5 BiPin G8.5 | T6, T7 Rx7s | T15 Mog | ED18 Mog |

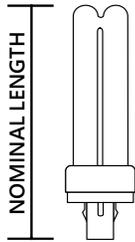**PAR** | **Elliptical** | **Single-Ended** | **Double-Ended TD**

Compact Fluorescent Lamps

Compact Fluorescent lighting offers high light output and long life for all your commercial plug-in applications.
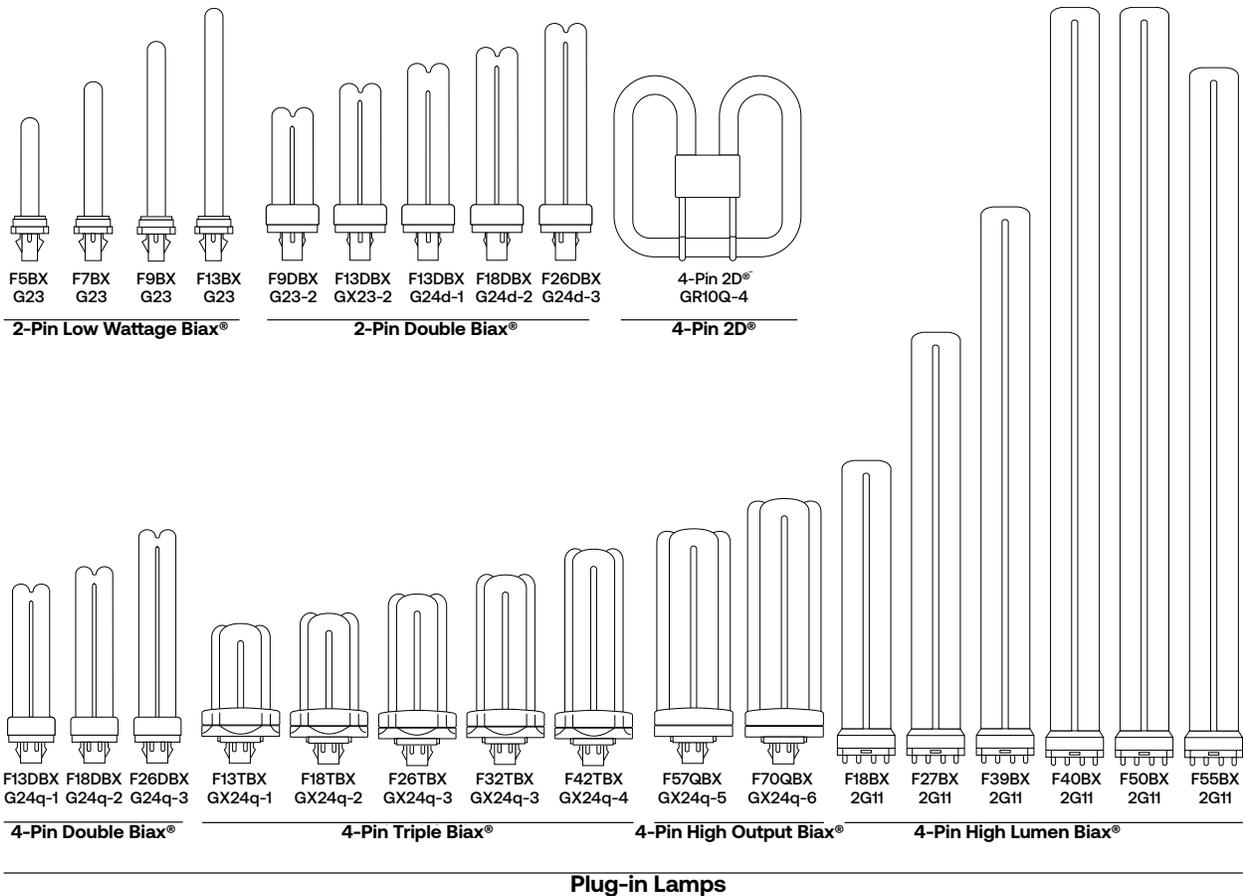
Reference Guide | Bulb Identification

NOMINAL LENGTH:
Overall length including base or pins.

Note: Lamp drawings are not drawn to scale. Be sure to check size and dimension information when identifying each lamp.

To convert inches to millimeters, multiply the dimension (in inches) by 25.4 (i.e. 1.5" x 25.4 = 38.1 mm).
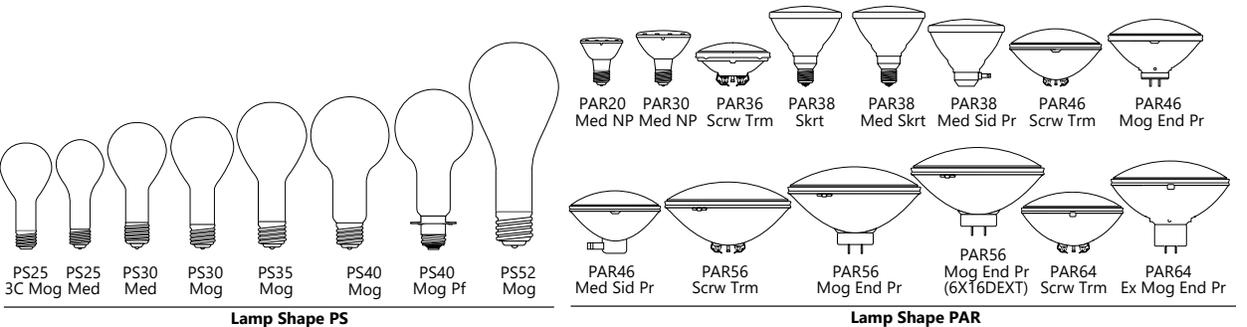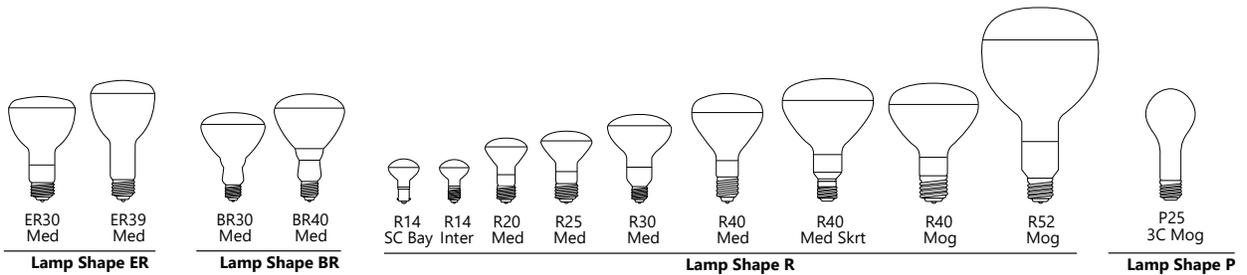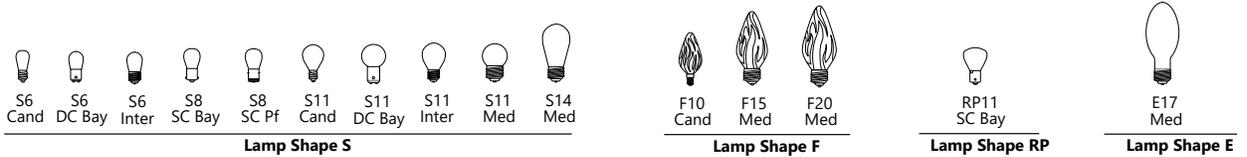
Lamp Drawings (not drawn to scale)

| F5BX G23 | F7BX G23 | F9BX G23 | F13BX G23 | F9DBX G23-2 | F13DBX GX23-2 | F13DBX G24d-1 | F18DBX G24d-2 | F26DBX G24d-3 | 4-Pin 2D® GR10Q-4 |

2-Pin Low Wattage Biax®   **2-Pin Double Biax®**   **4-Pin 2D®**

| F13DBX G24q-1 | F18DBX G24q-2 | F26DBX G24q-3 | F13TBX GX24q-1 | F18TBX GX24q-2 | F26TBX GX24q-3 | F32TBX GX24q-3 | F42TBX GX24q-4 | F57QBX GX24q-5 | F70QBX GX24q-6 | F18BX 2G11 | F27BX 2G11 | F39BX 2G11 | F40BX 2G11 | F50BX 2G11 | F55BX 2G11 |

4-Pin Double Biax®   **4-Pin Triple Biax®**   **4-Pin High Output Biax®**   **4-Pin High Lumen Biax®**
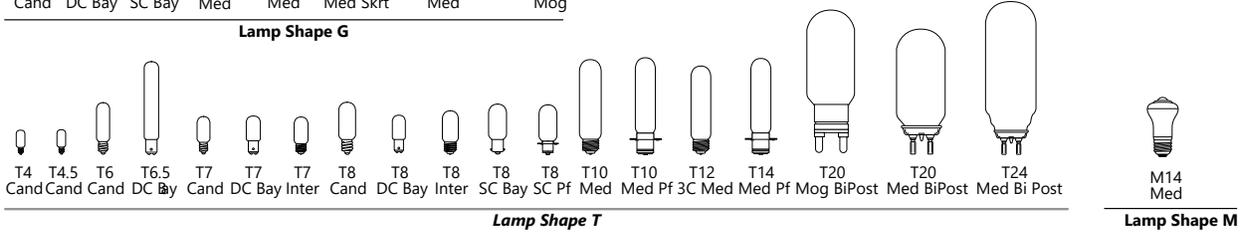
Plug-in Lamps

Compact Fluorescent Lamps

Lamp Drawings (not drawn to scale)

Lamp Shape A: A15 Med · A15 2 & 3-Lug Slv · A17 Med · A19 Med · A21 Med · A21 3C Med · A23 Med

Lamp Shape B: B8 Cand · B10 Cand · B13 Med

Lamp Shape C: C7 Cand · C7 DC Bay

Lamp Shape CA: CA8 Cand · CA9 Med · CA10 Cand · CA10 Med

Lamp Shape G: G16.5 Cand · G16.5 DC Bay · G16.5 SC Bay · G16.5 Med · G25 Med · G30 Med Skrt · G40 Med · G40 Mog

T6.5 DC Bay · T8 Disc · T6.5 Inter · T8 Med

Lamp Shape T: T4 Cand · T4.5 Cand · T6 Cand · T6.5 DC Bay · T7 Cand · T7 DC Bay · T7 Inter · T8 Cand · T8 DC Bay · T8 Inter · T8 SC Bay · T8 SC Pf · T10 Med · T10 Med Pf · T12 3C Med · T14 Med Pf · T20 Mog BiPost · T20 Med BiPost · T24 Med Bi Post

Lamp Shape M: M14 Med

Lamp Shape S: S6 Cand · S6 DC Bay · S6 Inter · S8 SC Bay · S8 SC Pf · S11 Cand · S11 DC Bay · S11 Inter · S11 Med · S14 Med

Lamp Shape F: F10 Cand · F15 Med · F20 Med

Lamp Shape RP: RP11 SC Bay

Lamp Shape E: E17 Med

Lamp Shape ER: ER30 Med · ER39 Med

Lamp Shape BR: BR30 Med · BR40 Med

Lamp Shape R: R14 SC Bay · R14 Inter · R20 Med · R25 Med · R30 Med · R40 Med · R40 Med Skrt · R40 Mog · R52 Mog

Lamp Shape P: P25 3C Mog

Lamp Shape PS: PS25 3C Mog · PS25 Med · PS30 Med · PS30 Mog · PS35 Mog · PS40 Mog · PS40 Mog Pf · PS52 Mog

Lamp Shape PAR: PAR20 Med NP · PAR30 Med NP · PAR36 Scrw Trm · PAR38 Skrt · PAR38 Med Skrt · PAR38 Med Sid Pr · PAR46 Scrw Trm · PAR46 Mog End Pr · PAR46 Med Sid Pr · PAR56 Scrw Trm · PAR56 Mog End Pr · PAR56 Mog End Pr (6X16DEXT) · PAR64 Scrw Trm · PAR64 Ex Mog End Pr

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Understanding **Electromagnetic HID Ballasts**

Current offers High Intensity Discharge (HID) ballasts for mercury, probe start metal halide, pulse start metal halide and high pressure sodium lamps. Standard metal halide lamps or probe start metal halide over 150 watts, like fluorescent, are electric discharge lamps and require an open circuit voltage of nearly two times the operating voltage to the initiate the arc between the two electrodes in the arc tube. High pressure sodium, pulse start metal halide and probe start metal halide lamps 150 watts or less require an ignitor to initiate the high voltage to start the lamps. The ballasts provide the starting voltage with the igniter, where required and provides stability for the lamp. HID lamps have negative impedance characteristics and would draw current until destruction unless a ballast was in place to regulate the current.

HID lamps take several minutes to warm-up and reach full light output. If power is interrupted between the lamp and the ballast, the arc will extinguish and lamp will go out. The lamp must cool down and reduce the vapor pressure before it will re-start. Typical warm-up and restrike times are as follows:

HID Ballast Types

Core and Coil

The most common HID ballasts are the core and coil and is used in 90% of the fixture applications. Core and coil ballasts consist of one, two or three copper (or aluminum) coils on a core of electrical-grade steel laminations. HID ballasts are classified by the kind of circuit they use: Reactor (R), High Reactance autotransformer (HX), Constant Wattage Autotransformer (CWA), Regulated lag (Reg Lag) or Electronic. HID ballast are also classified as high power factor (HPF) or normal power factor (NPF).

HID ballast 150 watts or less have High Reactance Autotransformer circuits and high power factor (HX-HPF). HID ballast greater that 150 watts have Constant Wattage Auto transformer circuits and are high power factor (HPF).

CWA ballast is the most common circuit for core and coil ballast. CWA circuits provide for stable light regulation. The CWA circuit consists of a high reactance autotransformer with a capacitor in series with the lamp resulting with high power factor ballast. In most CWA ballast circuits a 10% drop in line voltage will only reduce the light output and wattage by 5%. The CWA circuit ballast requires an igniter for QMH pulse start, ceramic metal halide and HPS lamps. Igniters are also required for QMH lamps 150 watts or less.

Linear Fluorescent Ballasts

35727 – GE296HO-MVPS-N

**ProLine® T12 High Output**
T12 Multivolt 120V – 277V
2 or 1 – F96T12 HO RS 120 to 277 Multivolt ProLine®

General Characteristics	
Ballast Type	Electronic – Programmed/ Rapid Start
Starting Method	Rapid Start
Lamp Wiring	Series
Line Voltage Regulation(+/-)	10%
Ambient Temperature (MAX)	105°F (41°C)
Case Temperature (MAX)	75°C (167°F)
Ballast Factor	Normal
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Additional Info	Auto-restart, Thermally protected

Dimensions	
Length (L)	11.75 in (299 mm)
Width (W)	2.15 in (55 mm)
Height (H)	1.61 in (41 mm)
Mounting Dimensions	
Mount Length (M)	11.0 in (279 mm)
Mount Width (X or F)	2.15 in (55 mm)
Mount Slots (MS)	
Weight	
Exit Type	Side

Electrical Characteristics	
Supply Current Frequency	50Hz/60 Hz

Specifications by lamp and wattage

Lamp	# of Lamps	Line Volts (V)	System Watts (W)	Nom. Line Current (A)	System Ballast Factor	Ballast Efficacy Factor	Power Factor % (>=)	Crest Factor (<=)	THD% (<=)	Min Starting Temp (°F/°C)
F96T12/HO/WM	2	120	164	1.38	.90	.55	99	1.7	10	60/16
	2	277	164	0.62	.90	.55	99	1.7	10	60/16
F96T12/HO	2	120	196	1.65	.90	.47	99	1.7	10	-20/-29
	2	277	196	0.73	.90	.46	97	1.7	10	-20/-29
	1	120	104	0.88	.92	.88	99	1.7	15	-20/-29
	1	277	104	0.42	.92	.88	95	1.7	15	-20/-29
F72T12/HO	2	120	154	1.30	.90	.58	99	1.7	10	-20/-29
	2	277	154	0.57	.90	.58	96	1.7	10	-20/-29
F70T8	2	120	120	1.17	.90	.75	99	1.7	10	-20/-29
	2	277	119	0.52	.90	.76	97	1.7	10	-20/-29
F60T12/HO	2	120	132	0.50	.90	.68	96	1.7	10	-20/-29
	2	277	132	0.50	.90	.68	96	1.7	10	-20/-29
F48T12/HO	2	120	112	0.95	.90	.80	99	1.7	15	-20/-29
	2	277	113	0.43	.90	.80	95	1.7	15	-20/-29
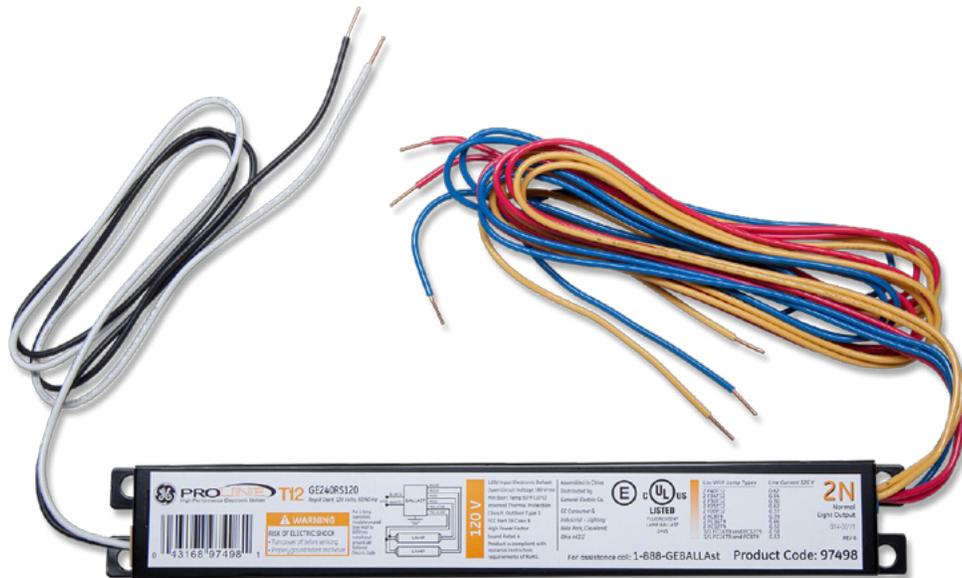
Safety and Performance   cUL Listed   UL Listed   FCC Part 18 (Class A) Non Consumer

Compact Fluorescent Ballasts

Understanding **Compact Fluorescent Ballasts**

Compact fluorescent (CFL) ballasts provide energy saving alternatives to halogen, incandescent or HID light sources. Multi volt ProLine® CFL programmed start ballasts combine universal voltage (108-305V) technology with multi-lamp capability, dual entry color-coded connectors and ultra system reliability to create an industry leading CFL solution for commercial and residential applications.

UltraMax® and UltraStart® High Lumen Biax® ballasts with the High Lumen WattMiser® Biax® lamp provides the perfect solution for high efficiency and high lumen output in a small space.

Multivolt ProLine®

Multivolt ProLine® CFL ballasts are offered in 3W configuration: 3-way mounting kits that allow you to have all three mounting options with one kit.

Multivolt ProLine® CFL ballasts come with a five-year ballast and one-year lamp limited warranty. These ballasts have a Consumer Class B EMI rating for residential applications, as well as a high power factor ballast design.

Use the Multivolt ProLine® CFL Multi-Lamp compatibility chart (page 17-3) to find the right ballast for your need.

UltraMax® Instant Start Ballasts:

- For use in long burn cycles (>10 hr cycles) to maintain lamp life
- High efficiency (>90%) design
- Universal voltage (120-277V)
- Striation control circuitry
- Small compact housing

ProLine® CFL Date Code System

Date Code Format: 01 200801 = Week2008 = Year

UltraMax® and UltraStart® Biax® ballasts have the same date code system as all linear fluorescent ballasts.

UltraStart® Programmed Start Ballasts:

- For use in shorter burn cycles (<3 hr cycles) to extend lamp life
- High efficiency (>90%) cathode cutout design
- Universal voltage (120-277V)
- Striation control circuitry
- Small compact housing
- Parallel lamp operation
- <700ms fast starting time
- Ballasts available for both F40/30W and F40/25W lamps

Compact Fluorescent Ballasts

GS Lighting Group
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