



GS Lighting Group

A division of Gross Sales Ltd.

30+  
YEARS

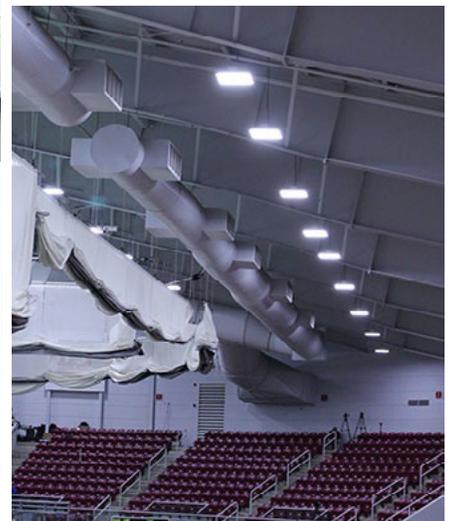
# INDUSTRIAL LIGHTING

## DESIGN GUIDE

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

# INDUSTRIAL LED LIGHTING APPLICATIONS

From light to heavy manufacturing, Food Processing, Warehousing and Hazardous Environments, GS Lighting Group offers a wide range of LED highbays/lowbays and the expertise to recommend the suitable LED solution for your environment. Understanding LED technology is critical in selecting a Luminaire that is designed for the industrial environment you are looking to light. LED Technology is susceptible to heat, moisture, dirt, and power surge. When we review LED luminaire designs we want to know if high temperatures are in the location of the fixture mounting as this will cause LED damage or failure, Moisture in an environment will demand a IP rating on a fixture, and any industrial environment demands power surge protection in a luminaire and at the distribution points. All these criteria's and more are what we review as part of our design proposal and education in the recommended fixture solution. Our goal is to provide a light design that provides recommended light levels, quality lighting for the users of the space, energy efficiencies and hydro reductions and solutions that will provide long term cost avoidance.



# INDUSTRIAL LIGHTING APPLICATIONS: WAREHOUSE/LIGHT-MEDIUM MANUFACTURING ENVIROMENTS

## ALBEC ABV4 Series LED High Bay Lighting



<b>CONSTRUCTION</b>	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)

<b>OPTICAL SYSTEM</b>	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



<b>CONSTRUCTION</b>	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

<b>PERFORMANCE</b>	Distribution:	<ul style="list-style-type: none"> <li>• 120°, 90° with open optic</li> <li>• 120°, 90° with diffused lens</li> <li>• 55°, 30° with texture diffused lens, 30K lumen and higher</li> <li>• 120°, 90°, 55°, 30° with clear lens, 30k lumen and higher</li> </ul>
	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



<b>CONSTRUCTION</b>	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)

<b>PERFORMANCE</b>	Distribution:	Narrow (55°)**, Medium (90°) and wide (120°)**
	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



<b>CONSTRUCTION</b>	Housing:	Die-cast Aluminum
	Lens:	Clear Polycarbonate (90°)
	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

<b>OPTICAL SYSTEM</b>	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	





### CLH-LSCS

Lumen & CCT Switchable Linear High Bay



FEATURES

- 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	50°C <sup>1</sup>
18,000	114.8	157	
24,200	158.3	153	
24,000	152.3	158	
30,300	196.8	154	
36,100	242	149	



### 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

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



### PEL

Peloton™ High Performance Bay



FEATURES

- 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



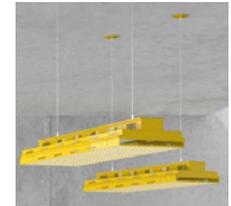
### LOPAHB

LOPA, High Bay



LOPA-HB =	15 = 15"	4 = 4ft	150 = 15000lm	30K = 3000K
LOPA.			200 = 20000lm	35K = 3500K
High Bay			240 = 24000lm	40K = 4000K
			280 = 28000lm	50K = 5000K
			360 = 36000lm	TW =
			400 = 40000lm	Tunable White

Suitable for damp locations



### CSL

Striplight



FEATURES

- 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		



### MPS

Multipurpose Linear



FEATURES

- 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	2-2'	Blank > 80
MultiPurpose Linear	4-4'	9
	8-8'	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™	HL 2'(3700), 4'(5800), 8'(11,500)
Tunable White	VL 4'(6800), 8'(13,500)
	XL 4'(7,800), 8'(15,500)



**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



**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
		H	21,000
50	5000K	HV	23,000
		V	30,000
		X	36,000



**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



**AP2W**

AP/ 2 way of installation  
/Wet locations



**DESCRIPTION**

- LED luminaire for surface mounting with brackets or suspended installation with mounting brackets and bail links. Designed for impact resistance. Ideal for indoor or outdoor applications, such as parking garages, food processing facilities, refrigerated storage, pedestrian tunnels and other industrial applications where protection from dust and water is required.
- **Construction:** One-piece fiberglass housing. Enclosed with gasket.
  - **Shielding:** As standard frosted or clear ribbed acrylic lens.
  - **Finish:** High gloss white polyester baked powder coat enamel.
  - **Electrical:** 3000K, 3500K, 4000K, 5000K | 120V-277V | 347V

AP2W-2-22-30K-P1	2200lm	3000K
AP2W-2-22-35K-P1	2200lm	3500K
AP2W-2-22-40K-P1	2200lm	4000K
AP2W-2-22-50K-P1	2200lm	5000K
AP2W-4-42-30K-P1	4200lm	3000K
AP2W-4-42-35K-P1	4200lm	3500K
AP2W-4-42-40K-P1	4200lm	4000K
AP2W-4-42-50K-P1	4200lm	5000K
AP2W-4-60-30K-P1	6000lm	3000K
AP2W-4-60-35K-P1	6000lm	3000K



**AP4**

AP/ 4 ft



**DESCRIPTION**

- LED luminaire for surface mounting with brackets or suspended installation with mounting brackets (V-Hooks). Designed for impact resistance. Ideal for indoor or outdoor applications, such as parking garages, food processing facilities, refrigerated storage, pedestrian tunnels and other industrial applications where protection from dust and water is required.
- **Construction:** One-piece fiberglass housing. Enclosed with gasket.
  - **Shielding:** As standard impact resistant optically clear acrylic injection-molded lens.
  - **Finish:** High gloss white polyester baked powder coat enamel.
  - **Electrical:** 3500K, 4000K, 5000K | 120V-277V | 347V

Wattage & Efficacy—Shielding: PS (Clear Polycarbonate)

AP4-4-50-35K-PS	5000lm	3500K	39W	129lm/W
AP4-4-50-40K-PS	5000lm	4000K	37W	135lm/W
AP4-4-50-50K-PS	5000lm	5000K	37W	136lm/W
AP4-4-70-35K-PS	7000lm	3500K	55W	127lm/W
AP4-4-70-40K-PS	7000lm	4000K	53W	133lm/W
AP4-4-70-50K-PS	7000lm	5000K	52W	135lm/W
AP4-4-90-35K-PS	9000lm	3500K	73W	124lm/W
AP4-4-90-40K-PS	9000lm	4000K	70W	130lm/W
AP4-4-90-50K-PS	9000lm	5000K	69W	132lm/W





# INDUSTRIAL LIGHTING APPLICATIONS: HEAVY MANUFACTURING / AUTOMOTIVE ENVIROMENTS

**ALBEC**  
**ABR2 Series**  
Heavy Industrial High Bay & Low Bay Lighting



<b>CONSTRUCTION</b>	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: -30°C to +65°C

<b>OPTICAL SYSTEM</b>	Distribution:	120°, 90°, 55°, 30°, 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



<b>CONSTRUCTION</b>	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: -30°C to +60°C

- 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

<b>PERFORMANCE</b>	Distribution:	120°, 90°, 55°, 30°, 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



<b>CONSTRUCTION</b>	Housing:	Die-cast Aluminum
	Lens:	Clear Polycarbonate (90°)
	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

<b>OPTICAL SYSTEM</b>	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	





**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



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



**HEM**  
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

Hazardous Enclosed and Gasketed Fiberglass Extreme Environment / LED

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	40°C
	HL	5,800-6,400	52	123	40°C
	VL	7,350-8,150	68	120	40°C
8	ML	9,700-10,700	94	114	40°C
	HL	11,600-12,800	104	123	40°C
	VL	14,700-16,300	136	120	40°C

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



**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



**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:	120° 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)



**EMBB**  
Emergency Backup Battery Module LED Accessory



**CONSTRUCTION**

Housing:	Stamped Metal
Paint:	White
Weight:	2 lbs (0.91 kg)
Optical Assembly:	<ul style="list-style-type: none"> <li>• EBBM lens system enables LEDs to provide optimized illumination for open floor and racked aisles with photometric distributions of 50 and 120 degrees.</li> <li>• Utilizes high brightness LEDs 70 CRI at 5000K CCT typical</li> <li>• LM-79 tests and reports are performed in accordance to IESNA standards</li> </ul>

**APPLICATIONS OPTICAL SYSTEM**

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

- Designed to meet 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 ENVIRONMENTS



## AHH2 Series Hazardous Location Luminaire



<b>CONSTRUCTION</b>	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: -30°C to +60°C
- 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

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



## EVOLVE® EMFM/EFHH Series LED Hazardous Location Flood Lights



<b>CONSTRUCTION</b>	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)

<b>OPTICAL SYSTEM</b>	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 <ul style="list-style-type: none"> <li>• Class I Div 2, Group A, B, C, and D (zone 2)</li> <li>• Class II Div 2, Group F &amp; G (zone 22)</li> <li>• Class III Div 1&amp;2</li> <li>• For Indoor and Outdoor Applications</li> </ul>
	IP66:	Optical enclosure per ANSIC136.25-2009
	IP66:	3G vibration level per ANSI C136.31-2010



## AH2A Series High Bay Lighting Hazardous Environments



<b>CONSTRUCTION</b>	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 I Division 2 Groups A, B, C, & D
    - Class II Division 1, Groups E, F, and G (glass lens only)
    - Class II Division 2, Groups F & G
    - Class III Division 1 & 2
    - Simultaneous Presence

<b>OPTICAL SYSTEM</b>	Lumens:	5000-18000
	Distribution:	360°, 180°, 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



**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 Mercmaster™ III  
 Appleton Mercmaster™ 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

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

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G



### 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
  - 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	40°C
	HL	5,800-6,400	52	123	40°C
	VL	7,350-8,150	68	120	40°C
8	ML	9,700-10,700	94	114	40°C
	HL	11,600-12,800	104	123	40°C
	VL	14,700-16,300	136	120	40°C



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

Explosion-proof, shock and vibration resistant lighting fixture, designed for use in marine and wet locations, and a variety of hazardous areas.

### Hazlux® AH1 LED series



- FEATURES**
- Class 1 Division 1, Class 2 Division 1, Class 3
  - Life expectancy: 130,000
  - Certified for use in marine locations
  - Corrosion-resistant copper free aluminum housing
  - Lumen output from 6,500 lumens to over 8,500 lumens
  - High-temperature silicone gasketing
  - Shock and vibration resistant



### CERTIFICATION

Class I:	
Division 1:	Group B, C, D
Division 2:	Group A, B, C, D
Class II:	
Division 1:	Group E, F, G
Division 2:	Group E, F, G
Class III:	

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

A safe, dependable, and rugged luminaire with an exclusive design that maximizes heat dissipation, offers excellent performance and energy efficiency. Ideal for applications such as high mast, parking lots, tunnels, swimming pools, and more.

### Hazlux® H3 LED series



- FEATURES**
- Class 1 Division 2, Class 2 Division 1, Class 2 Division 2, Class 3
  - Field-replaceable driver
  - Life expectancy: 50,000 to 100,000 hours; dimming control 0–10 V DC standard
  - Light output from 5,600 up to 20,100 lumens
  - Maximizes heat dissipation for higher T ratings, extended life in extreme ambient temperatures and extra safety
  - Hinged design for hands-free wiring

### CERTIFICATION

Class I:	
Division 2:	Group A, B, C, D
Zone 2:	Group IIC, IIB, IIA
Class II:	
Division 1:	Group E, F, G <sup>1</sup>
Division 2:	Group F, G <sup>2</sup>
Class III:	

<sup>1</sup>Optics: CUT reflector not suitable for Class II, Div. 1  
 Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

Not all DL series are DLC qualified.  
 For all qualified products, please visit:  
[www.designlights.org/qpl](http://www.designlights.org/qpl)



**Hazlux® FMR**  
LED series



These multi-functional and feature-rich fixtures are capable of both meeting and exceeding the demands of the food processing industry, industrial and commercial environments, and architectural applications.

**FEATURES**

- Class 1 Division 2, Class 2 Division 2, Class 3
- With over 12,000 to 31,000 lumens provide a great range of lighting options
- Life expectancy up to 100,000 hours
- Vented enclosure ensures longterm reliability
- Dimming-control feature, 0-10 V, DC standard
- Available standard in 3500 K and 5000 K color; additional color temperatures available from 2700 to 6500 K



Not all DL series are DLC qualified.  
For all qualified products, please visit: [www.designlights.org/qpl](http://www.designlights.org/qpl)

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Zone 2:	Group IIC
Class II:	
Division 2:	Group F, G
Zone 22:	Group IIB
Class III:	

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

**Hazlux® SMR**  
LED series



The unique combination of flexibility and robust design allows the implementation of this light fixture in various new or existing facilities. The SMR not only exceeds the expectations of an HID replacement but establishes a new benchmark in versatility for industrial LED lighting.

**FEATURES**

- Class 1 Division 2, Class 2 Division 2, Class 3
- Copper-free high-pressure die-cast aluminum case
- Life expectancy: L-M80>60,000 hrs
- Dimming-control feature, 0-10 V, DC standard
- Ranging from 3050 lumens to 6265 lumens
- Available standard 5000 K, with additional color temperatures available from 2700 to 6500 K
- Extremely robust and vibration resistant



**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Zone 2:	Group IIC
Class II:	
Division 2:	Group F, G
Zone 22:	
Class III:	

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

**Hazlux® FC**  
LED series



The high-intensity floodlight is energy-efficient and made from corrosion-resistant, copper-free aluminum. The explosion-proof fixture can be installed in hazardous, marine locations like power plants, loading docks, and petrochemical facilities.

**FEATURES**

- Class I Division 1, Class I Division 2, Class II Division 2, Class III
- High efficacy for increased energy savings
- Life expectancy: 170,000 hours
- Light output from 10,400 up to 19,500 lumens
- Tempered glass lens is impact and thermal shock-resistant
- Correlated color temperature ranges from 3000K to 5000K



Not all DL series are DLC qualified.  
For all qualified products, please visit: [www.designlights.org/qpl](http://www.designlights.org/qpl)

**CERTIFICATION**

Class I:	
Division 2:	Group C, D
Division 2:	Group A, B, C, D
Class II:	
Division 2:	Group F, G
Class III:	

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

**Hazlux® LI1**  
LED series



Extremely durable and water-tight, the LI1 Series has a slim and compact design. This explosion-proof fixture can withstand the most demanding hazardous location environments like paper mills, chemical facilities, and wastewater treatment plants.

**FEATURES**

- Class I Division 1, Class I Division 2
- Available in 60° wide beam profile and 110° wide beam profile
- Anti-corrosion housing and made of copper-free aluminum
- Tempered-glass lens is impact and thermal shock-resistant
- Available in 5000K (standard), 3000K and 4000K (optional)
- Lumen output: from 4,800 lumens to 9,600 lumens



Not all DL series are DLC qualified.  
For all qualified products, please visit: [www.designlights.org/qpl](http://www.designlights.org/qpl)

**CERTIFICATION**

Class I:	
Division 2:	Group C, D
Division 2:	Group A, B, C, D
Simultaneous Presence	
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.	

**Hazlux® LI1-EM**  
LED series



- Class I Division 1
- Available in 60° wide beam profile and 110° wide beam profile
- Housing made of copper-free aluminum
- Tempered-glass lens is impact and thermal shock-resistant
- Available in 5000K (standard)
- Lumen output: 10,800 lumens



**CERTIFICATION**

Class I:	
Division 2:	Group C, D
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.	

**Hazlux® LE2**  
LED series



**FEATURES**

- Class I Division 2, Class II Division 1, Class III
- Available in 110° wide beam profile
- Anti-corrosion housing made of copper-free aluminum
- Shock and impact resistant polycarbonate lens
- Available in 5000K (standard), 3000K and 4000K (optional)
- Lumen output: from 5,480 lumens to 10,960 lumens



Not all DL series are DLC qualified.  
For all qualified products, please visit: [www.designlights.org/qlp](http://www.designlights.org/qlp)

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Class II:	
Division 1:	Group E, F, G
Class III:	
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.	

**Hazlux® LGS**  
LED series



**FEATURES**

Lightweight, extremely durable, and water-tight linear strip fixtures to withstand the most demanding hazardous location environments. Available in multiple lengths; compatible with most ELV dimmers (AC).

- Class 1 Division 2, Class 2 Division 2, Class 3
- Available in 100° wide beam profile (AC and DC) and 30° wide beam profile (DC)
- Lifespan up to 60,500 hours (AC) and 100,000 hours (DC)
- Available in 3500 K and 5000 K, with additional color temperatures available from 2700 to 6500 K
- End brackets that allow for easy field adjustability with a standard 3ft. whip



†IP68 only available with DC general location version

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Zone 2:	Group IIC
Class II:	
Division 2:	Group F, G
Zone 22:	Group IIB
Class III:	
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.	

**Hazlux® WNL**  
LED series



**FEATURES**

A durable and robust linear luminaire designed to replace conventional fluorescent fixtures in industrial, commercial, and tunnel applications. Accommodates surface or suspension mounting with easy field angle adjustment with optional swivel mount.

- Class 1 Division 2, Class 2 Division 2, Class 3
- Available standard in 3500 K and 5000 K color temperatures, with additional color temperatures available from 2700 to 6500 K
- IP66 vented enclosure eliminates pressure differentials for reliable sealing
- Easy field angle adjustment with optional swivel mount and surface or suspension mounting
- Multiple light output options to replace fluorescent fixtures
- Life expectancy: L-M80>60,500 hrs



**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Zone 2:	Group IIC
Class II:	
Division 2:	Group F, G
Zone 22:	Group IIB
Class III:	
Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.	

**Hazlux® | Hazardous Location | Emergency Light**



**Hazardous location battery unit**



**Hazardous location combo pictogram**



**Hazardous location pictogram sign**



**Hazardous location remote fixture**

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Class II:	
Division 1&2:	Group E, F, G
Class III:	
Contact you ABB sales representation to verify classification	

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Class II:	
Division 1&2:	Group E, F, G
Class III:	
Contact you ABB sales representation to verify classification	

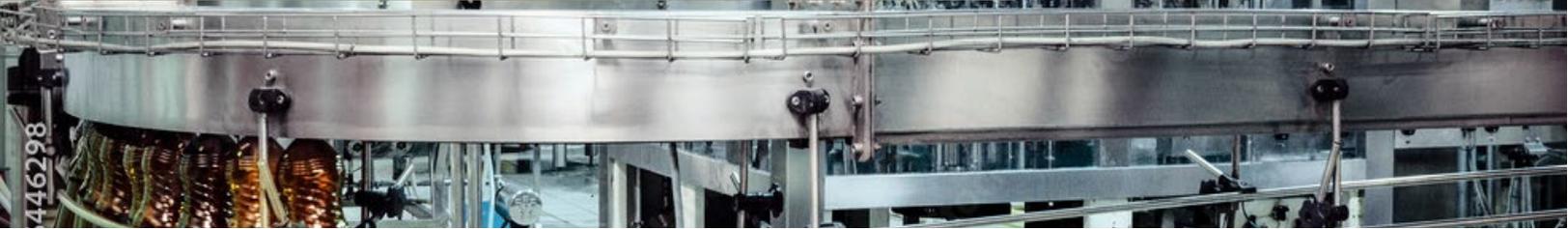
**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Class II:	
Division 1&2:	Group E, F, G
Class III:	
Contact you ABB sales representation to verify classification	

**CERTIFICATION**

Class I:	
Division 2:	Group A, B, C, D
Class II:	
Division 1&2:	Group E, F, G
Class III:	
Contact you ABB sales representation to verify classification	

# INDUSTRIAL LIGHTING APPLICATIONS: FOOD PROCESSING/CLEANROOM ENVIRONMENTS



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

### 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

### OPTICAL SYSTEM

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



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:	85° clear optic, Optional polycarbonate refractor, drop lens, or aluminum reflector.

### NOTES

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

### OPTICAL SYSTEM

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





**PRC Series**  
LED IP65 Selectable Round  
High Bay



**CONSTRUCTION**

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

**Operating Temp-** 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



**CVT-LSCS**  
Linear Vaporportite



**LXEM**  
Enclosed and Gasketed Fiberglass  
Extreme Environment



**LXEW**  
Enclosed and Gasketed Linear High Bay



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

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

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

**XE Family LEF Enclosed & Gasketed Luminaires**

A full family of LED linear enclosed and gasketed luminaires for rough service application



DLC (DesignLights Consortium)  
Qualifies – see [www.designlights.org](http://www.designlights.org)

Width
Available Lengths
IP65
IP66 with standard latches
IP67
Wet label
F1 Weatherability (UV resistance)
UL Sanitation to NSF Standards
Lumen Packages

	LXEN	LXEM	LXEW
	Narrow 4' housing fits easily into confined spaces	Mid-size and mainstream, offering the widest selection of options	An enclosed high bay/low bay for demanding areas
Width	4"	6 <sup>7</sup> / <sub>9</sub> "	15"
Available Lengths	4"	2', 4', 8'	4'
IP65	✓	✓	✓
IP66 with standard latches	✓	✓	✓
IP67	✓	✓	✓
Wet label	✓	✓	✓
F1 Weatherability (UV resistance)	✓	✓	✓
UL Sanitation to NSF Standards	✓	✓	✓
Lumen Packages	2,000 – 4,300	3,100 – 22,473	11,079 – 38,228



Columbia LIGHTING

### HEM LED Hazardous Location



### Hazardous Enclosed and Gasketed

**CERTIFICATION**

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate CSA labels. Ingress protection IP65 and IP67 standard. IP66 standard when polyacetal (POM) latches are used. UL Sanitation Certified per NSF Standards. Wet location labeling is standard. Certified for Hazardous Locations Class 1, Division 2, Groups A, B, C, & D, NSF Certified. DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

Size	Lumen Package	Nominal Lumen Range (DFA Lens)	Nominal Watts	Lumens/Watt (Highest)	Max Temp (°C)
4'	ML	4850-5350	47	114	40 °C
	HL	5800-6400	52	123	40 °C
	VL	7350-8150	68	120	40 °C
8'	ML	9700-10700	94	114	40 °C
	HL	11600-12800	104	123	40 °C
	VL	14700-16300	136	120	40 °C



### AP2W AP/ 2 way of installation /Wet locations



**DESCRIPTION**

LED luminaire for surface mounting with brackets or suspended installation with mounting brackets and bail links. Designed for impact resistance. Ideal for indoor or outdoor applications, such as parking garages, food processing facilities, refrigerated storage, pedestrian tunnels and other industrial applications where protection from dust and water is required.

- **Construction:** One-piece fiberglass housing. Enclosed with gasket.
- **Shielding:** As standard frosted or clear ribbed acrylic lens.
- **Finish:** High gloss white polyester baked powder coat enamel.
- **Electrical:** 3000K, 3500K, 4000K, 5000K | 120V-277V | 347V

AP2W-2-22-30K-P1	2200lm	3000K
AP2W-2-22-35K-P1	2200lm	3500K
AP2W-2-22-40K-P1	2200lm	4000K
AP2W-2-22-50K-P1	2200lm	5000K
AP2W-4-42-30K-P1	4200lm	3000K
AP2W-4-42-35K-P1	4200lm	3500K
AP2W-4-42-40K-P1	4200lm	4000K
AP2W-4-42-50K-P1	4200lm	5000K
AP2W-4-60-30K-P1	6000lm	3000K
AP2W-4-60-35K-P1	6000lm	3000K



### AP4 AP/ 4 ft



**DESCRIPTION**

LED luminaire for surface mounting with brackets or suspended installation with mounting brackets (V-Hooks). Designed for impact resistance. Ideal for indoor or outdoor applications, such as parking garages, food processing facilities, refrigerated storage, pedestrian tunnels and other industrial applications where protection from dust and water is required.

- **Construction:** One-piece fiberglass housing. Enclosed with gasket.
- **Shielding:** As standard impact resistant optically clear acrylic injection-molded lens.
- **Finish:** High gloss white polyester baked powder coat enamel.
- **Electrical:** 3500K, 4000K, 5000K | 120V-277V | 347V

Wattage & Efficacy—Shielding: PS (Clear Polycarbonate)

AP4-4-50-35K-PS	5000lm	3500K	39W	129lm/W
AP4-4-50-40K-PS	5000lm	4000K	37W	135lm/W
AP4-4-50-50K-PS	5000lm	5000K	37W	136lm/W
AP4-4-70-35K-PS	7000lm	3500K	55W	127lm/W
AP4-4-70-40K-PS	7000lm	4000K	53W	133lm/W
AP4-4-70-50K-PS	7000lm	5000K	52W	135lm/W
AP4-4-90-35K-PS	9000lm	3500K	73W	124lm/W
AP4-4-90-40K-PS	9000lm	4000K	70W	130lm/W
AP4-4-90-50K-PS	9000lm	5000K	69W	132lm/W



### Starclean Top access LED



**DESCRIPTION**

**APPLICATIONS:** Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more.

**MOUNTING:** Grid or Flange installation. Flange fixtures come with adjustable 90° swing arm for easy installation. Mounting for custom ceilings available, consult factory.

**LABEL:** Fixture is certified to UL standards. Certified IP65, ISO4, and NSF

Model	Output	Lamp Type	Lumens Delivered	Model	Output	Lamp Type	Lumens Delivered
ST22	Low	3500°K	3000	ST24	Low	3500°K	6000
		4000°K	3125			4000°K	6250
		5000°K	3250			5000°K	6500
	Standard	3500°K	6000		Standard	3500°K	12000
		4000°K	6250			4000°K	12500
		5000°K	6500			5000°K	13000
	Medium	3500°K	8625		Medium	3500°K	17250
		4000°K	9000			4000°K	18000
		5000°K	9375			5000°K	18750
	High	3500°K	11500		High	3500°K	23000
		4000°K	12000			4000°K	24000
		5000°K	12500			5000°K	25000





### Starclean Corner LED SCC12/SCC14



DESCRIPTION

**APPLICATIONS:** Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more.  
**MOUNTING:** Corner Surface.  
**LABEL:** Fixture is certified to UL standards for Wet Location under covered ceilings. Certified IP65, ISO4, and NSF.



Model	Output	Lamp Type	Lumens Delivered
SCC12	Standard	3500°K	2875
		4000°K	3000
		5000°K	3125
SCC14	High	3500°K	4180
		4000°K	4370
		5000°K	4560
SCC14	Standard	3500°K	5750
		4000°K	6000
		5000°K	6250
SCC14	High	3500°K	8250
		4000°K	8625
		5000°K	9000



### Starclean Series LED: Surface SCS12/SCS14/ SCS22/SCS24



DESCRIPTION

- Intended for Healthcare Settings, Alternative Care Facilities, Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more
- Cleanroom troffer available in a 1x2, 1x4, 2x2, 2x4
- Surface installation
- High-output to achieve various lighting level requirements for different applications



SC24	L2 = Low	3500°K	6000
		4000°K	6250
		5000°K	6500
SC24	L4 = Standard	3500°K	12000
		4000°K	12500
		5000°K	13000
SC24	L6 = Medium	3500°K	17250
		4000°K	18000
		5000°K	18750
SC24	L8 = High	3500°K	23000
		4000°K	24000
		5000°K	25000



### Starclean Series LED: Recessed (Grid/Flange) SCR12/SCR14/ SCR22/SCR24



DESCRIPTION

- Intended for Healthcare Settings, Alternative Care Facilities, Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more
- Cleanroom troffer available in a 1x2, 1x4, 2x2, 2x4
- Recessed ceiling mount; grid or flange
- High-output to achieve various lighting level requirements for different applications
- This product was Made in America and complies with the Buy American Act (BAA) requirements



SC24	L2 = Low	3500°K	6000
		4000°K	6250
		5000°K	6500
SC24	L4 = Standard	3500°K	12000
		4000°K	12500
		5000°K	13000
SC24	L6 = Medium	3500°K	17250
		4000°K	18000
		5000°K	18750
SC24	L8 = High	3500°K	23000
		4000°K	24000
		5000°K	25000



### 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



Key Data	
Lumen Range	1727-25,323
Wattage Range	14-172
Efficacy Range (LPW)	103-155
Reported Life (Hours)	L70: >72,000 L90: >45,000



### Scaler™ 2x4 Panel 2'x4' Edge-Lit Flat Panel



FEATURES

- Edge-lit flat panel with options provides a wide variety of configurations to match any application
- Appropriate for offices, schools, medical, and public spaces
- Superior construction provides even light across the face of the fixture
- IC rated
- Suitable for ISO Class 5-9 positive pressure cleanrooms

Key Data	
Lumen Range	2566-8995
Wattage Range	22-85
Efficacy Range (LPW)	94-129
Reported Life (Hours)	L70/54,000





### 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
- 50° 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, 250° thick polycarbonate lens allows for easy wipe down and impedes the accumulation of dirt and organic material

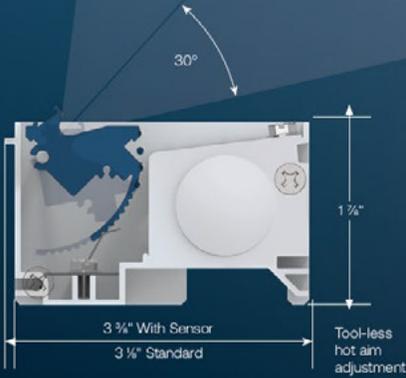


# Current CORRODORS, OFFICES & PUBLIC PLACES

## COVE30

Concealed Cove

**SMALLEST ADJUSTABLE COVE on the market**



30°

3 3/4" With Sensor  
3 1/2" Standard

1 3/4"

Tool-less hot arm adjustment

**PERFORMANCE**

- 117° Peak intensity at lowest position
- 300-1000 Lm/Ft
- Up to 127 Lm/W @90 CRI



**ENHANCED COLOR**

- TriGain® Technology provides superior color quality without compromising efficacy
- 2 SDCM color consistency



**OPTIONAL EXTRUDED COVE SYSTEM**

Provides consistency and convenience with full Cove30 integration. Seam welded inside and outside corners available.



**VERSATILE CONFIGURATIONS**

Accommodates most common cove configurations.



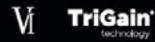
Field Built Cove (By Others)



Knife-Edge (KS)



Knife-Edge Mud-In (KP)



**Columbia LIGHTING**

**CLT**  
Center Lens Troffer



**Columbia LIGHTING**

**CBT**  
Back-Lit Troffer



**prescolite**

**LITEISTRY**

**Architectural**

Solutions that blend consistent, quiet apertures with optical performance



**LITEFRAME**

**Commercial**

High performance luminaires that provide versatility in application



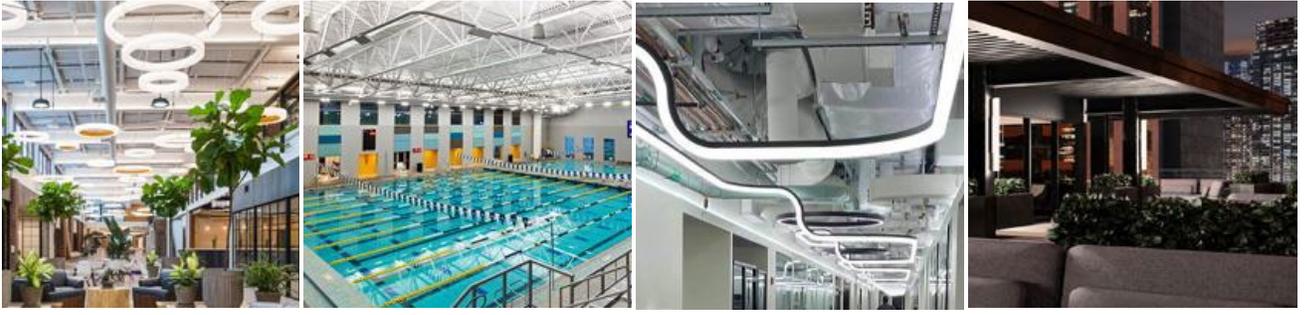
**LITEBOX**

**Essentials**

Value product families that combine flexibility with simple installation




**SPI** LIGHTING



**PEERLESS**  
electric-électrique



**ACCLAIM**  
LIGHTING



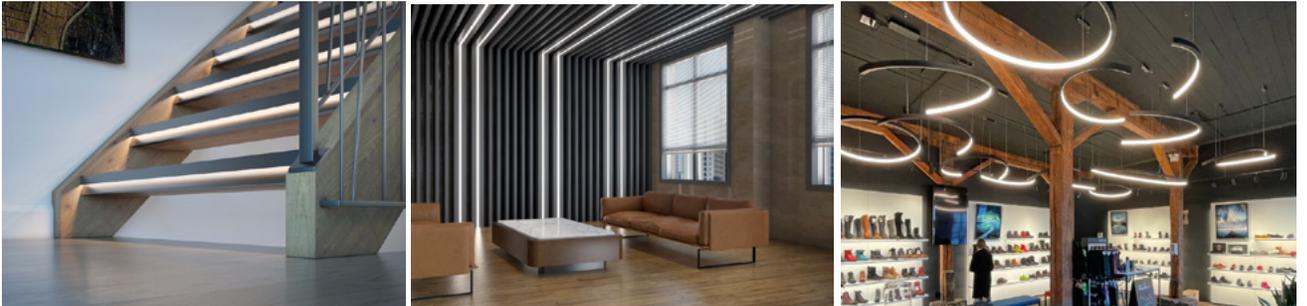
**ARANCIA**<sup>TM</sup>



**alphabet**



**LUMEN**  
**WARM**

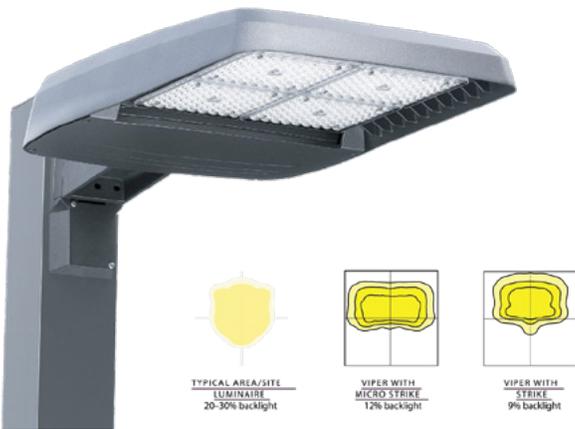


# Current EXTERIOR SITE LIGHTING

## RATIO



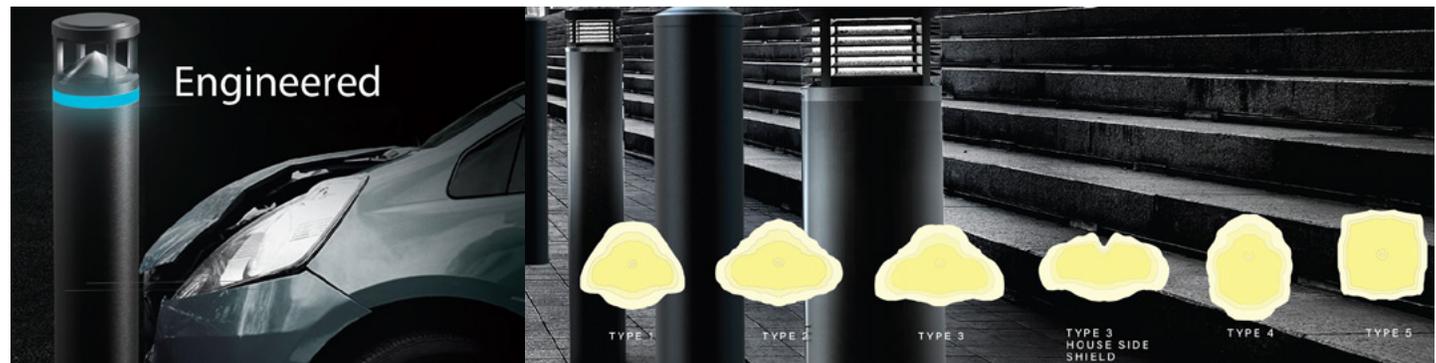
## VIPER PERFORMANCE



## VERSATILITY



## KIMLIGHTING



# EMERGENCY LIGHTING

## ABB Emergi-Lite

A global manufacturer of emergency lighting and exit signs for the specification markets, Emergi-Lite provides products using innovative technologies designed for permanence, reliability and cost efficiency to meet the highest standards in the industry.



### Nexus Monitoring System

Emergency Lighting Exit Sign and Battery Unit Monitoring and testing system.



EA Series -  
-Extruded Aluminum Pictogram



EAC Series -  
Aluminum Combination Unit



EN Series -  
NEMA-4X Rated Pictogram



ENC Series -  
NEMA-4X Rated Combination Unit



EX10 Series -  
Economical and good quality



EX10-P Series -  
Economical Combination Unit



EXP Series -  
For any hazardous locations



EXHZ Series -  
Hazardous Locations Combo Unit



EX3 Series -  
Slim, modular, state-of-the-art



EAE Series -  
Aluminum Slim Edge-Lit



Eclipse Series -  
Full automatic emergency lighting



ESL Series -  
High Performance Long Life Battery



EMEX -  
Emergency Power Battery System



CH Series -  
Central DC Systems

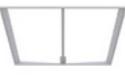
# Current NX Lighting Controls

## 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.



## 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)	Echelán (ECH)	PELA	Utilibay™ (UTB2)	Reverie™ (RLB)	



## INSPIRE

It's time to breathe exciting new life into your old fixtures.

Current's LED Replacement lamps are the best way to achieve superior lighting on a budget. Slash operating and maintenance costs while vastly improving the color and quality of light in virtually any setting – commercial, industrial, office or retail. Visit us online and check out our vast collection of case studies, videos and image galleries at [www.gecurrent.com](http://www.gecurrent.com), and then call your Current representative for a free personal consultation. Below you will find a few of the dependable LED products that Current offers.



### LED GENERAL PURPOSE

Dimmable LED A-Line lamps that replace standard INC lamps.



### LED TUBES

Our complete line of Type A, Type B and Type C solutions make it easy to convert from LFL to LED.



### LED HID

Type B LED HID ANSI standard lamps designed for many applications.



### LED PLUG-IN

Long life LED plug-ins to replace existing CFL lamps.



### LED DIRECTIONAL

Dimmable LED lamps designed for a wide variety of applications.

### LED RETROFIT LAMPS APPROVED FOR HAZARDOUS LOCATIONS

A Smarter, Safer Switch From HID.



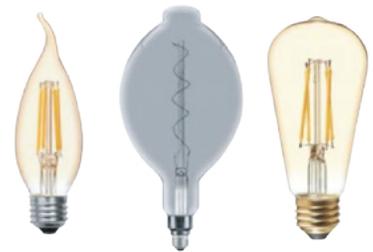
### LED REPLACEMENT LAMPS

Decorative Lamps.

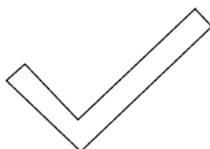


### NOSTALGIC

The design of these vintage LED bulbs brings charm to any setting.



## WHY CURRENT?



**COMPLETE**



**INNOVATIVE**



**TRUSTED**



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

- |                                     |   |                                   |  |   |  |                                  |                                      |  |
|-------------------------------------|---|-----------------------------------|--|---|--|----------------------------------|--------------------------------------|--|
| <b>Current</b><br>CONTROL SOLUTIONS | <b>Current</b><br>FIXTURES & CONTROLS           | <b>Current</b><br>LAMPS & BALLAST | <b>ALBEO</b>                                 | <b>architectural</b><br>arealighting          | <b>BEACON</b>                                    | <b>Columbia</b><br>LIGHTING      | <b>Daintree</b><br>WIRELESS CONTROLS | <b>EVOLVE</b>                            |
| <b>EXO</b><br>OUTDOOR LIGHTING      | <b>FORUM</b>                                    | <b>immersioN</b>                  | <b>KIMLIGHTING</b>                           | <b>kurt versen</b>                            | <b>lifeshield</b><br>lighting for complex spaces | <b>LIGHTGRID</b>                 | <b>LIGHTSWEEP</b>                    | <b>LITECONTROL</b><br>making light work™ |
| <b>Lumination</b>                   | <b>NX</b><br>LIGHTING CONTROLS                  | <b>prescolite</b>                 | <b>SECURITY LIGHTING</b>                     | <b>SpectraSync</b>                            | <b>Tetra</b>                                     | <b>WHITEWAY</b>                  | <b>ABB Emergi-Lite</b>               | <b>ABB Hazlux</b>                        |
| <b>ACCLAIM</b><br>LIGHTING          | <b>alphabet</b>                                 | <b>Amico</b>                      | <b>ARKANSAS LIGHTING</b><br>STAY ILLUMINATED | <b>artika</b> pro                             | <b>BETHEL</b><br>INTERNATIONAL                   | <b>bios</b>                      | <b>BLU</b> Ecosystem                 | <b>BOCCI</b>                             |
| <b>bruck</b>                        | <b>BubblyNet</b>                                | <b>CASTALDI</b>                   | <b>CECOCECO</b>                              | <b>CHRISTIE LITES</b>                         | <b>CRYSTORAMA</b>                                | <b>DARK</b>                      | <b>EDISON</b><br>LIGHTING GROUP      | <b>ETC</b>                               |
| <b>EUROfase</b>                     | <b>EUROfase</b><br>Function                     | <b>EUROfase</b><br>HEATING        | <b>Everbrite</b>                             | <b>ewo</b>                                    | <b>FERRO</b>                                     | <b>FOCUS</b><br>INDUSTRIES       | <b>GHIDINI</b>                       | <b>GMLighting</b>                        |
| <b>HINKLEY</b><br>LIGHTING          | <b>HUNZA</b><br>CANADA<br>Pure Outdoor Lighting | <b>ILFARI</b>                     | <b>in-lite</b>                               | <b>J2</b><br>LIGHT                            | <b>LARK</b>                                      | <b>LightTape</b>                 | <b>LUCITALIA</b><br>MILANO           | <b>LUMCA</b><br>LIGHTING LIFE            |
| <b>LUMEN</b><br>WARM                | <b>Luminart</b>                                 | <b>LuxR</b><br>LED BY DESIGN      | <b>MAGIC LITE</b>                            | <b>ll Metalumen</b><br>Ideas brought to light | <b>MODERN FORMS</b>                              | <b>New Star</b>                  | <b>PARIS MIRROR</b>                  | <b>PEERLESS</b><br>electro-electrique    |
| <b>PRiMA</b><br>LIGHTING            | <b>REFRESH</b><br>FOCUS                         | <b>selux</b>                      | <b>SPI</b> LIGHTING                          | <b>TEHOMET</b><br>Industrial Control          | <b>TLS</b><br>Architecture Lighting              | <b>USI</b><br>UTILITY STRUCTURES | <b>valmont</b>                       |  |
| <b>Vesoi</b>                        | <b>WAC</b><br>LIGHTING<br>Responsible Lighting  | <b>ZANIBONI</b><br>LIGHTING       | <b>z'lux</b><br>ARCHITECTURAL CHANNELS       |   |  |                                  |                                      |  |

**Showroom Lighting Center:**  
 26 Glebe Street, Cambridge, Ontario, N1S 2P1  
 Open: Monday – Friday 9:00 a.m. to 5:00 p.m.

Tel: 519-267-6262  
 Email: sales@gslightinggroup.ca  
 Website: www.gslightinggroup.ca



**Book a design meeting, lighting audit or lighting seminar today!**