

EHLV LED

Hazardous-rated LED linear lighting
for challenging environments

RIG-A-LITE™
An Avail Infrastructure Solutions Company



E-SERIES

Cost-effective, energy-efficient lighting for demanding environments

The RIG-A-LITE E-Series provides economical lighting solutions for industrial and hazardous applications, offering reliable performance and durability.

Classifications

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 2, Group IIC
- Zone 21
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CSA C22.2 No. 137
- CSA C22.2 No. 141-15
- NEMA 4X
- IP67
- IK10
- 5G
- Resistant up to 2,000 PSI hose directed water
- Tested to 1000 hrs salt spray to standard ASTM" B117-11"



availinfra.com/rig-a-lite

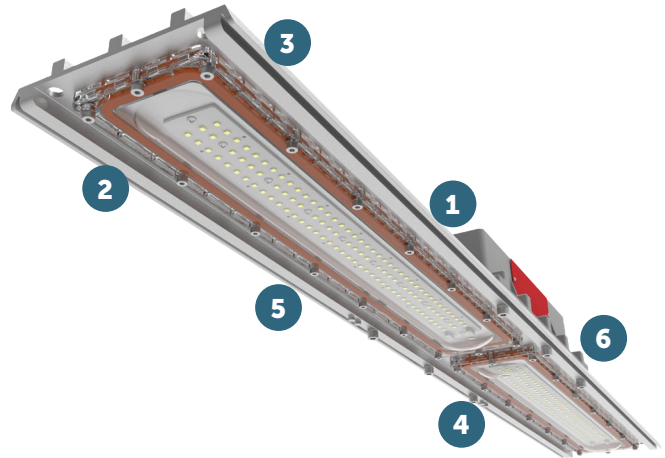
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Key Features

- 1 Low profile & Lighter - 100mm fixture height, perfect for mounting in confined or low height areas
- 2 Rugged Heat Sink - Superior thermal design provides outstanding performance from -40°C to 70°C
- 3 Simple Installation - Clamshell design allows easy access to drivers and multiple entries for through wiring
- 4 High Output - Two models from 5,100 to 13,600 lumens with up to 170Lm/W
- 5 Multiple Beam Angles - 30°, 60°, 90°, 110°, T2, T3, T4 lenses provide more choices for different scenarios
- 6 Emergency Battery Backup - 90-minute minimum running time at 8W in emergency mode



Additional Features

- Universal voltage: AC120-277, 347-480V (50/60Hz)
- High efficacy up to 170lm/W
- Optional self-testing emergency battery backup
- Optics: 30° / 60° / 90° / 110° / T2 / T3 / T4
- CCT Adjustable (3000K/4000K/5000K)
- Wildlife-friendly amber color options
- 10kV surge protector is standard, 20kV optional
- 9 different mounting options
- Dimming: Standard 1-10VDC
- Ambient operating temperature -40°C to 70°C (standard model)
-20°C to 50°C (emergency battery backup model)
- Lumen maintenance L70>150,000 @ 25°C
- 5-year warranty

Standard Materials

Body:

Housing and splice box are die-cast copper-free aluminum with baked powder epoxy/polyester finish

Gaskets:

High temperature resistant silicone

Lens:

Heat, shock, impact, and UV resistant polycarbonate

Hardware:

Stainless Steel with lacquer-free nameplate

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Catalog Number Logic



- 1**
BASIC LUMINAIRE
EHLV = N. American Standards
- 2**
LUMENS/WATTS
05 = 5,100 Lumens / 30 Watts (2 ft)
07 = 6,800 Lumens / 40 Watts (2 ft)
08 = 7,650 Lumens / 45 Watts (4 ft)
10 = 10,200 Lumens / 60 Watts (4 ft)
14 = 13,600 Lumens / 80 Watts (4 ft)
- 3**
VOLTAGE
U = 100-277V
N = 347-480V
- 4**
PROTECTION LEVEL
2 = C1D2, C2D1
- 5**
OPTICS
30 = 30° Beam Angle
60 = 60° Beam Angle
90 = 90° Beam Angle
110 = 110° Beam Angle
T2 = Type II
T3 = Type III
T4 = Type IV
- 6**
COLOR TEMPERATURE
WW = 2700K (Warm white)
SW = 3000K (Soft white)
NW = 4000K (Neutral white)
CW = 5000K (Cool white)
AM = Amber
AJC = Adjustable CCT
(3000K/4000K/5000K)
- 7**
LENS
TPL = Transparent Polycarbonate
FPL = Frosted Polycarbonate
- 8**
MOUNTING STYLE
PD = Pendant mount (3/4" NPT)
FLM = Flush ceiling/wall mount
OSM = Offset ceiling/wall swivel
bracket
HM = Hanging mount
PCM48 = Pole clamp 48mm for
pole 1-7/8"
PCM60 = Pole clamp 60mm for
pole 2-3/8"
W90 = Wall mount 90°
W25 = Wall mount 25°
S90A = Stanchion-90° (1-1/4" NPT)
S90B = Stanchion-90° (1-1/2" NPT)
S25A = Stanchion-25° (1-1/4" NPT)
S25B = Stanchion-25° (1-1/2" NPT)
- 9**
COLOR
GR = Gray
- 10**
OPTIONS
EMB = Emergency battery backup
(-20°C ≤ Ta ≤ 50°C)
SC2 = Safety cable
SP10U = 10KV surge protector
(100-277V) * Standard
SP10N = 10KV surge protector
(347-480V) * Standard
SP20U = 20KV surge protector
(100-277V)
SP20N = 20KV surge protector
(347-480V)
CAB = 3' SEOOW-18/3 Cord
CGL = Cable gland 3/4" NPT

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Certification Guide

Model	Watts	Operating Voltage	Total Lumens ¹	Lumens per Watt ¹	CRI ¹	CCT ¹	Ambient Temperature ¹	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1, Group E, F, G, Class III	Supply Wire Suitable Temperature, °C
EHLV05	30W	100-277V 50/60HZ	5100	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90°C
EHLV05	30W	100-277V 50/60HZ	5100	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90°C
EHLV07	40W	100-277V 50/60HZ	6800	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90°C
EHLV07	40W	100-277V 50/60HZ	6800	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90°C
EHLV08	45W	100-277V 50/60HZ	7650	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90°C
EHLV08	45W	100-277V 50/60HZ	7650	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90°C
EHLV10	60W	100-277V 50/60HZ, 347/480V 60HZ	10200	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90°C
EHLV10	60W	100-277V 50/60HZ, 347/480V 60HZ	10200	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90°C
EHLV14	80W	100-277V 50/60HZ, 347/480V 60HZ	13600	170.0	70	4000K	-40°C < Tamb < 65°C	T5	T5	90°C
EHLV14	80W	100-277V 50/60HZ, 347/480V 60HZ	13600	170.0	70	4000K	-40°C < Tamb < 70°C	T4A	-	90°C

* Ambient temperature of all EMB option models is $-20^{\circ}\text{C} \leq T_{mb} \leq 50^{\circ}\text{C}$.

1. When FPL or optics options are selected, total lumens, lumens per watt, CRI, CCT or ambient temperature may change. Consult factory for values.

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Photometric Data

