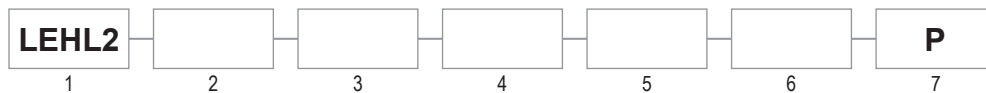# LEHL2
HAZARDOUS LOCATION

Chemical Processing   ●   Industrial   ●   Oil / Gas   ●   Shipyards / Marine   ●   Water Treatment

The LEHL2 is designed and listed for hazardous, marine, and wet locations. This product is ideal for replacing High Pressure Sodium (HPS) and Metal Halide(MH) fixtures for increased energy and maintenance savings. High luminous efficacy rating up to 160 Lm/W.

Inquire for specific DLC qualifying configurations

	LEHL2						P
	1	2	3	4	5	6	7

1 SERIES	2 SOURCE	3 VOLTAGE	4 CCT		5 OPTIC / BEAM	6 LENS
LEHL2	**L1:** 80W **L2:** 120W **L3:** 150W **L4:** 200W	**V1:** 120-277VAC (50/60Hz) **V2:** 347-480VAC (50/60Hz)	**3:** 3,000K **4:** 4,000K **5:** 5,000K **57:** 5,700K **65:** 6,500K	**RD:** Red **GN:** Green **BU:** Blue **RD**,**GN**, **BU** are only available with **T5** and **C**, **CP**, **DL** lenses.	**T1*:** Type I **T5:** Type V (110°) * Only available with Clear Glass lens option	**C:** Clear Glass **CP:** Clear Polycarbonate **D:** Diffused Glass **DP:** Diffused Polycarbonate **DL:** Drop Lens (Glass)

7 MOUNT
P: Pendent (3/4" NPT)[1,2] [1] Can be Ceiling or Surface mounted without additional mounting accessories. [2] Additional mounting options ordered separately, field installed.

CERTIFICATIONS
UL844 / CSA-C22.2 No.137 (Hazardous)
  CI D2, Grps A, B, C, D
  CII D1, Grps E, F, G
  CII D2, Grps F, G
  CIII
  Simultaneous Presence
  T-Code: CI D2=T4A / CII D1=T4A
UL1598 / CSA-C22.2 No.250 (Wet/Damp)
UL1598A (Marine Outside Saltwater)
DLC (inquire for specific part numbers)
Lumen Maintenance (L70) >150,000 hrs. (calculated)
CRI Ra>80
-40°C to 65°C Ambient (L1 & L2 models)
-40°C to 60°C Ambient (L3 model)
-40°C to 55°C Ambient (L4 model)
RH Ambient Humidity 5% to 95%
IK08 (Glass) IK10 (Polycarbonate)
IP66
FCC
5G Vibration Rating

CONSTRUCTION
Copper-free, corrosion resistant aluminum
Powder coat gray (RAL7037)
High temperature silicone gasketing
All exposed fasteners are 316 stainless steel
Thermal shock and impact resistant lenses
3/4" NPT hubs (standard)
  (1) Top / (5) Side w/ NPT plugs pre-installed
Weights: 80/120W=20lbs. 150/200W=23lbs.

ELECTRICAL
120-277 / 347-480VAC
Dimming (standard) 0-10V (10-100%)
(Dimming leads capped inside driver housing)
10Kv surge protector built in - Standard
3Ft. 3-Wire whip standard, factory installed

FEATURES
High lumen output up to 160 Lm/W
Anti-corrosion tested 1,000 hrs.
Mounting: Pendent, Stanchion, Ceiling, Yoke, Wall
15° Yoke Adjustments (180° total)
5 Year Warranty
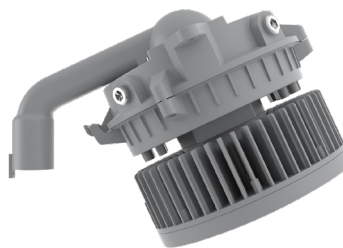
Shown with 25° Stanchion Mount
(Mount ordered separately, field installed)
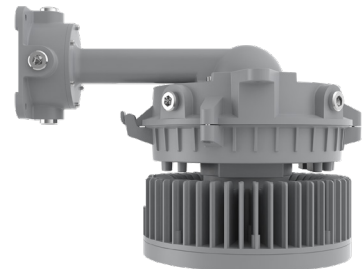
Shown with 90° Wall Mount
(Mount ordered separately, field installed)

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Chemical Processing ● Industrial ● Oil / Gas ● Shipyards / Marine ● Water Treatment

PERFORMANCE

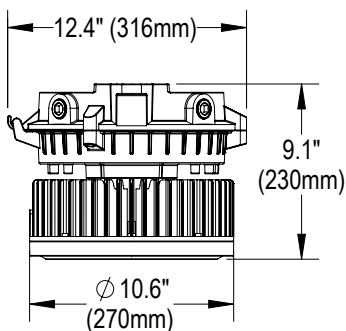| Lumen Output Table									
					Lumen Output* (Lm)				
Source	Wattage (W)	Voltage (VAC) 50/60Hz	CCT		Clear Glass	Clear Poly	Diffused Glass	Diffused Poly	Drop Lens
L1	80	V1 (120-277)	5,000K		12,630	12,290	11,210	8,830	12,290
L2	120		5,000K		19,230	18,440	18,560	13,250	16,970
L3	150		5,000K		23,630	22,550	22,740	16,120	20,950
L4	200		5,000K		28,940	27,720	27,800	19,290	27,795
L1	80	V2 (347-480)	5,000K		12,920	12,340	11,450	8,900	12,550
L2	120		5,000K		19,210	18,420	18,650	13,260	17,170
L3	150		5,000K		23,920	22,930	22,960	16,330	21,190
L4	200		5,000K		31,100	29,740	29,860	20,740	27,300
									*Nominal Values

Amperage Table		
Source (Wattage)	Voltage (VAC) 50/60Hz	Input Current (A)
L1 (80)	120-277	.67 - .29
	347-480	.23 - .17
L2 (120)	120-277	1.00 - .44
	347-480	.36 - .25
L3 (150)	120-277	1.25 - .54
	347-480	.43 - .31
L4 (200)	120-277	1.67 - .72
	347-480	.58 - .42

Shown with Glass Drop Lens

DIMENSIONS - (STANDARD)
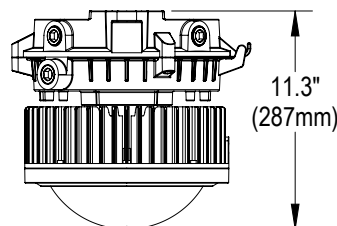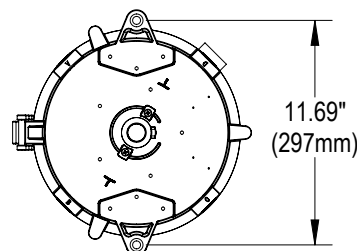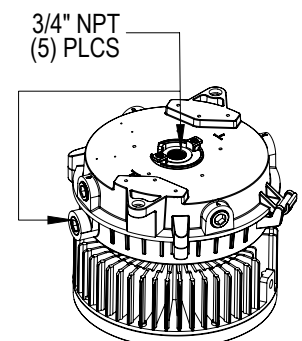
12.4" (316mm)

9.1" (230mm)

Ø 10.6" (270mm)

FLAT LENS

11.3" (287mm)

DROP LENS

11.69" (297mm)

CEILING / SURFACE MOUNT

3/4" NPT (5) PLCS

CONNECTION

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LDPi INDUSTRIAL LIGHTING

LEHL2

HAZARDOUS LOCATION
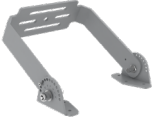
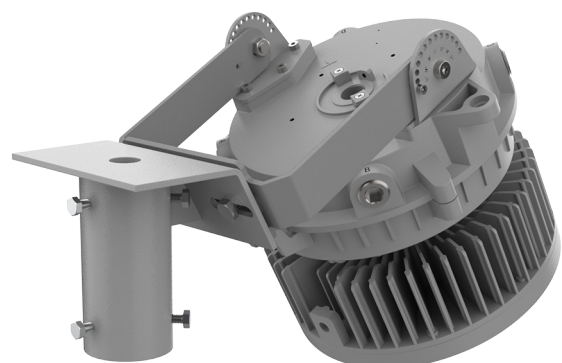Chemical Processing ● Industrial ● Oil / Gas ● Shipyards / Marine ● Water Treatment

MOUNTING

Pendent

Ceiling

Yoke Bracket

Stanchion

Wall
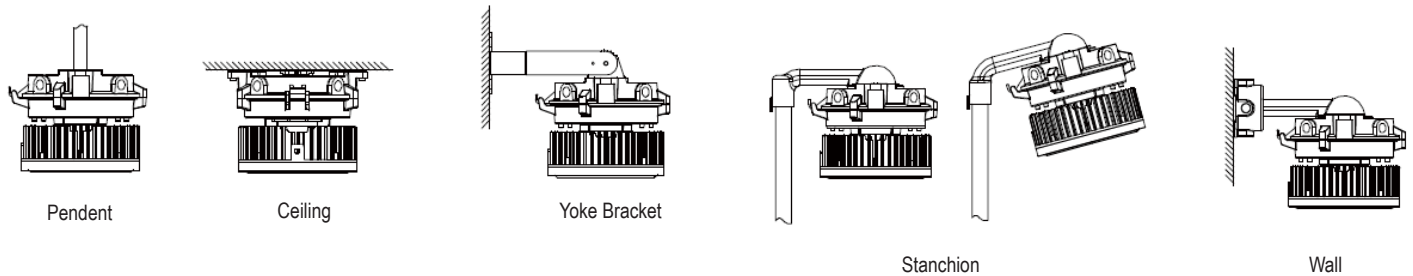
ACCESSORIES - (Field Installed, Order Separately)		
Part Number	**Description**	
WG07	Stainless steel wire guard (flat lens)	
WG08	Stainless steel wire guard (globe lens)	
SC01	Stainless steel safety cable kit	

UNIVERSAL MOUNTING ACCESSORIES (Field Installed, Order Separately)		
Part Number	**Description**	
WL90-M	Wall Mount - 90° Gray Painted A356 Aluminum AL	
SN2503	Stanchion Mount - 25°: 1.25" NPT Gray Painted A356 Aluminum AL	
SN2504	Stanchion Mount - 25°: 1.50" NPT Gray Painted A356 Aluminum AL	
SN9003	Stanchion Mount - 90°: 1.25" NPT Gray Painted A356 Aluminum AL	
SN9004	Stanchion Mount - 90°: 1.50" NPT Gray Painted A356 Aluminum AL	
PB03	U-Bracket 304 Stainless Steel	
SN01	Slip Fitter Mount Bracket (Powder Coated Grey) Fits 2 3/8" (60mm) Outside Diameter Stanchion (non-adjustable) Includes 316SS Hardware **Note! Requires PB03 U-Bracket**	

Shown with #PB03 + #SN01

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