

# Legend Series



## HL16 HIGH WATT LED HIGHBAY

The Legend Series High Lumen LED high bay fixtures offers lumen outputs ranging from 64,000 to nearly 80,000 and are designed for one-to-one replacements of 750w or 1000w HID. With its robustly engineered cold forged heat sink, the Legend Series High Lumen fixture is leading its class in thermal management technology.

Backed by EverLast's 10 year limited warranty

### SUMMARY

<b>Lumen Output:</b> 400W: 64,000* Lumens @5000k 500W: 80,000* Lumens @5000k
<b>Driver:</b> Meanwell HLG (120-277V Applications) <b>Driver:</b> Meanwell HVG (200-480V Applications) <b>Emitter:</b> Seoul Semiconductor
<b>Ingress Protection:</b> IP65 Rated
<b>Temperature Rating:</b> -40°F / 122°F
<b>Lumen Maintenance:</b> L <sub>70</sub> 155,000 Hours @ 77°F
<b>Color Rendering Index:</b> 80 CRI
<b>DLC:</b> Premium**
<b>UL:</b> 1598
<b>Mechanical Materials:</b> Cold Forged Aluminum Heat Sink Sheet Metal Driver Housing. Black (Standard) Powdercoat Finish***
<b>Standard Accessories:</b> Meanwell HLG: 1-10V Continuous Dimming Meanwell HVG: 0-10V Dim to Off 9' 3 Wire Power Cord 12" 2 Wire Dimming Cord 32" Safety Cable Stainless Steel Hook

\*Lumen output varies based upon kelvin ratings  
\*\*For current DLC and DLC Premium qualified versions available, please visit <https://www.designlights.org/search/>  
\*\*\*Other Finishes Available



### FIXTURE DIMENSIONS

Wattage	Height	Width	Weight
400w	15.4" (39.1 cm)	14.1" (36.0 cm)	25.0 lbs
500w	15.4" (39.1 cm)	14.1" (36.0 cm)	25.0 lbs

### TOTAL CURRENT (amps) / FIXTURE

Wattage	120V AC	240V AC	277V AC	480V AC
400w	3.33	1.67	1.44	0.83
500w	4.17	2.08	1.81	1.04

## ORDERING INFORMATION

### BASE MODULE

EL-HL16-LG	400	L	30	X
FIXTURE	WATTAGE	VOLTAGE	COLOR TEMP	BEAM ANGLE
EL-HL16-LG	400	L 120-277V AC	30 3000K	X 120°
	500	UH 277-480V AC	40 4000K	
		50 5000K		



## OPTIONAL OPTICS

X



Protective Optic  
Provides 120° Beam Angle  
Material - Glass



EXAMPLE

## OPTIONAL REFLECTORS

AL22



22" High Reflectance Spun Aluminum  
70° Beam Angle

AC22



22" Prismatic Acrylic  
120° Beam Angle

PC22



22" Impact Resistant Polycarbonate  
120° Beam Angle

AFS22



22" Acrylic Frosted Short  
120° Beam Angle

ACS22



22" Prismatic Acrylic  
120° Beam Angle



AC22 -

EXAMPLE

## OPTIONAL BOTTOM LENS

CDL22



22" Conical Drop Lens  
Material - Acrylic



CDL22 -

EXAMPLE

# LEGEND SERIES HL16 LED HIGHBAY ACCESSORIES

## CORDS

<b>S9B</b> - 9' BLACK 120V STANDARD
<b>L59B</b> - 9' BLACK 120V TWIST LOCK
<b>L69B</b> - 9' BLACK 240V TWIST LOCK
<b>L79B</b> - 9' BLACK 277V TWIST LOCK
<b>L89B</b> - 9' BLACK 480V TWIST LOCK
<b>9BCDW</b> - 9' BLACK CORD DIMMING WIRE (2 wire)
<b>6FW</b> - 6' FLEXIBLE CONDUIT

<b>6MCLC</b> - 6' LUMINARY CABLE FLEXIBLE CONDUIT (5# POWER & 0-10V)
<b>9MCLC</b> - 9' LUMINARY CABLE FLEXIBLE CONDUIT (5# POWER & 0-10V)



## MOUNT

<b>EYE</b> - EYEBOLT
<b>FL50</b> - 1/2" NPT FLANGE
<b>FL75</b> - 3/4" NPT FLANGE
<b>NPT50</b> - 1/2" NPT ADAPTOR
<b>NPT75</b> - 3/4" NPT ADAPTOR



EYE



FL50 / 75



NPT50 / 75

## OTHER

<b>WH</b> - WHITE FIXTURE	<b>WG10</b> - 10" WIREGUARD
<b>SC6</b> - 6' SAFETY CABLE	<b>WG22</b> - 22" WIREGUARD
<b>SC20</b> - 20' SAFETY CABLE	<b>D</b> - 1-10V DIMMING
<b>EM10</b> - 10W EMERGENCY BACKUP	<b>OF</b> - ON/OFF
<b>EM20</b> - 20W EMERGENCY BACKUP	<b>BL</b> - BI-LEVEL
<b>BC22</b> - 22" WIRE BIRDCAGE	<b>DH</b> - DAYLIGHT HARVESTING

## UPLIGHTING TABLE

### REFLECTOR

BOTTOM LENS	X LENS	AC22	PC22	AL22	AFS22	ACS22
	OPEN REFLECTOR		6%	6%	0%	13%
CDL22		15%	15%	0%	16%	6%