

Legend Series

HL15D LED HIGHBAY



Featuring a traditional circular high bay design, the HL15D is the ideal aesthetic fit for almost any application. Utilizing mid-power LEDs in a high density configuration, and an aluminum heatsink for optimal thermal management, the HL15D stands above, and outperforms, **any other LED high bay in its class.**

Backed by EverLast's 10 year limited warranty

SUMMARY

Lumen Output:

100W: 16,000* Lumens @5000k

150W: 23,500* Lumens @5000k

200W: 31,600* Lumens @5000k

240W: 38,600* Lumens @5000k

Driver: Meanwell HBG (120-277V Applications)

Driver: Meanwell HVG (200-480V Applications)

Emitter: Lumileds LED Chips

Ingress Protection: IP65 Rated

Temperature Rating: -22°F / 122°F

Lumen Maintenance: L₇₀ 155,000 Hours @77°F

Color Rendering Index: 80 CRI

DLC: Premium**

UL: 1598

Mechanical Materials:

Die Cast Aluminum Heat Sink & Driver Housing.
Black (Standard) Powdercoat Finish***

Standard Accessories:

1-10V Dimming / 10V PWM / or Resistance

32" Safety Cable

Stainless Steel Hook:

M10 - 100W & 150W

M12 - 200W & 240W

*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 | Length | Width | Weight |
|---------|-------------------|--------------------|----------|
| 100w | 9.2" (23.4 cm) | 10.3" (26.2 cm) | 8.2 lbs |
| 150w | 9.2" (23.4 cm) | 10.3" (26.2 cm) | 8.2 lbs |
| 200w | 9.5" (24.2 cm) | 12.6" (32.0 cm) | 12.6 lbs |
| 240w | 9.5" (24.2 cm) | 12.6" (32.0 cm) | 12.6 lbs |

TOTAL CURRENT (amps) / FIXTURE

| Wattage | 120V AC | 240V AC | 277V AC | 480V AC |
|---------|---------|---------|---------|---------|
| 100w | 0.83 | 0.42 | 0.36 | 0.21 |
| 150w | 1.25 | 0.63 | 0.54 | 0.31 |
| 200w | 1.67 | 0.83 | 0.72 | 0.42 |
| 240w | 2.00 | 1.00 | 0.87 | 0.50 |

ORDERING INFORMATION

BASE MODULE

| EL-LED-HL15D-LG | 100 | L | 30 | X |
|-----------------|---------|----------------|------------|------------|
| FIXTURE | WATTAGE | VOLTAGE | COLOR TEMP | BEAM ANGLE |
| EL-LED-HL15D-LG | 100 | L 120-277V AC | 30 3000K | X 120° |
| | 150 | UH 277-480V AC | 40 4000K | |
| | 200 | | 50 5000K | |
| | 240 | | | |



LEGEND SERIES HL15D LED HIGHBAY OPTICAL ACCESSORIES

OPTIONAL OPTICS

X



Protective Optic*
Provides 120° Beam Angle
Material - Glass
*Standard Optic on All
Wattages

B



Bubble Optic
Provides 120° Beam Angle & Glare Reduction
Material - Polycarbonate

U



Patented Uplight Cone
Provides 25% Uplight
Material - Polycarbonate**
**Only Available for 200w & 240w



EXAMPLE

OPTIONAL REFLECTORS

PCW16



16" White Polycarbonate
85° Beam Angle

PC16



16" Impact Resistant Polycarbonate
120° Beam Angle

AC16



16" Prismatic Acrylic
120° Beam Angle



AC22 -

EXAMPLE

ACF16



16" Acrylic Frosted
Part of Retailer Package

AC22



22" Prismatic Acrylic
120° Beam Angle

PC22



22" Impact Resistant Polycarbonate
120° Beam Angle

AL22



22" High Reflectance Spun Aluminum
70° Beam Angle

AFS22



22" Acrylic Frosted Short
120° Beam Angle

ACS22



22" Prismatic Acrylic
120° Beam Angle

OPTIONAL BOTTOM LENS

CDL16



16" Conical Drop Lens
Material - Acrylic

CDL22



22" Conical Drop Lens
Material - Acrylic

WB16



16" Wide Bottom Frost Lens
Part of Retailer Package
Material - Acrylic



CDL22 -

EXAMPLE

LEGEND SERIES HL15D LED HIGHBAY ACCESSORIES

CORDS

| |
|--|
| S9B - 9' BLACK 120V STANDARD |
| L59B - 9' BLACK 120V TWIST LOCK |
| L69B - 9' BLACK 240V TWIST LOCK |
| L79B - 9' BLACK 277V TWIST LOCK |
| L89B - 9' BLACK 480V TWIST LOCK |
| 6FW - 6' FLEXIBLE CONDUIT |

| |
|---|
| 9BCNO - 9' BLACK CORD / NO PLUG |
| 6MCLC - 6' LUMINARY CABLE FLEXIBLE CONDUIT (5# POWER & 0-10V) |
| 9MCLC - 9' LUMINARY CABLE FLEXIBLE CONDUIT (5# POWER & 0-10V) |



MOUNT

| |
|---------------------------------|
| EYE - EYEBOLT |
| FL50 - 1/2" NPT FLANGE* |
| FL75 - 3/4" NPT FLANGE* |
| HK - HOOK |
| NPT50 - 1/2" NPT ADAPTOR |
| NPT75 - 3/4" NPT ADAPTOR |



EYE



FL50 / 75



HK



NPT50 / 75

OTHER

| | |
|-------------------------------------|----------------------------------|
| JB - JUNCTION BOX | BC22 - 22" WIRE BIRDCAGE |
| WH - WHITE FIXTURE | WG10 - 10" WIREGUARD |
| SC6 - 6' SAFETY CABLE | WG22 - 22" WIREGUARD |
| SC20 - 20' SAFETY CABLE | D - 1-10V DIMMING |
| EM10 - 10W EMERGENCY BACKUP* | OF - ON/OFF* |
| EM20 - 20W EMERGENCY BACKUP* | BL - BI-LEVEL* |
| BC16 - 16" WIRE BIRDCAGE | DH - DAYLIGHT HARVESTING* |

UPLIGHTING TABLE

REFLECTOR

| | X LENS | PCW16 | PC16 | AC16 | ACF16 | AC22 | PC22 | AL22 | AFS22 | ACS22 |
|-------------|----------------|-------|------|------|-------|------|------|------|-------|-------|
| BOTTOM LENS | OPEN REFLECTOR | 0% | 3% | 4% | 11% | 6% | 6% | 0% | 13% | 3% |
| | CDL16 | 0% | 5% | 6% | 21% | | | | | |
| | CDL22 | | | | | 15% | 15% | 0% | 16% | 6% |
| | WB16 | 0% | 7% | 8% | 22% | | | | | |

*Requires Addition of Junction Box

LEGEND SERIES HL15D LED HIGHBAY TECHNICAL DATA

CUSTOM EXAMPLES

