

LED Downlight/Highbay

Indoor Rated Luminaire



www.evolucialighting.com

The Downlight / Highbay is a robust designer downlight fixture intended to replace incandescent and metal halide lamps in warehouses, big box stores, arenas, convention centers, churches, retail and high atrium ceilings. The Downlight/Highbay has a brushed aluminum anodized finish, and features a cylindrical extruded aluminum housing that provides physical and thermal component protection. An optional reflector can be added for a true High Bay look. The fixture can be ordered with an optional DMX dimming interface or Light Sensing. The LED's are recessed 1.5" into the can for side light cut off. Optional mounting systems available..

Common Applications:

- Warehouses
- Big Box Stores
- Arenas
- Convention Centers
- Churches
- Retail, or any High Atrium Ceilings

Features and Benefits:

- Payback period under 12 months in new construction*
- Payback period less than 2 years in retrofits*
- DL/HB-4000 provides comparable light output of a 400W metal halide using only 165W (61% energy savings)
- Greater than 60,000 Hours Rated Life to depreciate to 70% of original light output (L70 – 13.7 years at 12 hr/day)
- Maintenance free for the life of the fixture – no bulbs or ballasts to replace
- Eliminates costs and downtime associated with maintenance of conventional lighting
- 1/3rd the heat of equivalent metal halide source - saves on air conditioning costs
- Available in standard ANSI color temperatures: 3000K, 4000K, 5000K
- High quality light source without the glare of metal halide sources
- Even light distribution
- Generally accepted as a "friendlier" light that improves working efficiencies
- Cycling the fixture ON and OFF does not lower the rated life of the fixture
- Universal input voltage (100-277VAC, 47-63Hz)
- Made in the USA
- Five Year Limited Warranty

**Depending upon usage rate and cost/kW-hr*



**All data subject to change without notice.*

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REV 01-2013

Project:	Approval:
Specifier:	

Technical Specifications

Heat Sink/Platform:

- Anodized aluminum alloy, stainless steel hardware. Glass or polycarbonate cover optional

Mounting:

- Ceiling pendant mount is standard and yoke, recessed, cable or wall mount optional

Finish:

- Silver anodized aluminum alloy and black anodized aluminum alloy are standard and other finishes are optional

LED Modules and Optical System:

- Available CCTs 3000K, 4000K and 5000K with greater than 70 CRL
- Available Beam angles 18°, 23°, 30°, 52°, and 120°

Voltage:

- Universal 100-277VAC, 47-63Hz
- Optional 240-480VAC, 47-63Hz

Certifications:

- ETL

Weight:

- DL-1500/2500: 29 lbs
- DL-2500/4000/5000: 32 lbs

Warranty:

Manufacturer warrants products to be free from defects for a period of five (5) years. For additional information refer to complete warranty and terms and conditions document. For extended warranty consult the factory.

Performance Chart

CCT/Model	EVO-DL-1500 Lumen	EVO-DL-2500 Lumen	EVO-DL-4000 Lumen	EVO-DL-5000 Lumen
3000K	6675	8450	12650	18400
4000K	7275	10200	13800	19890
5000K	8500	10750	16100	21500

Note: Specifications subject to change without notice

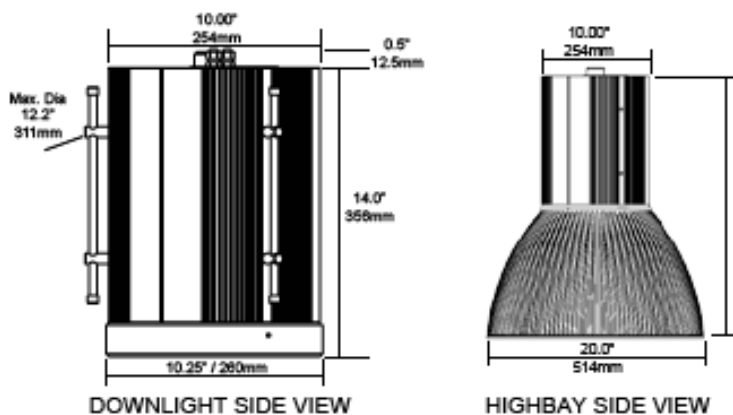
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Technical Specifications

Order Code

EVO-DL / <div></div> / <div></div> / <div></div> / <div></div> / <div></div> / <div></div> / <div></div> / <div></div> / <div></div>									
Family	Wattage-Color Temp	CCT (K)	Beam Angle	Input Voltage	Dimming	Mounting	Finish	Lens	
	1500 = 77W	3K = 3000	18 = 18°	UNV = 100-277 VAC	N = None	P = Pendant (std)	S =Silver	RF = Reflector	
	2500 = 106W	4K = 4000	23 = 23°	UH = 240-480 VAC	DMX = DMX	Y = Yoke	B =Black	P = Polycarbonate	
	4000 = 165W	5K = 5000	30 = 30°		LS = Light Sensing	R = Recessed		D = Diffused	
	5000 = 211W		52 = 52°			C = Cable Mount		H = Honeycomb	
			120 = 120°			W = Wall Mount			

Mechanical Drawings



Downlight

EPA: N/A

Weight: 29 lbs (13.2 kg)

Diameter: 10.25" (26 cm)

Height: 14" (35.6 cm)

Highbay

EPA: N/A

Weight: 32 lbs (14.5 kg)

Diameter: 20" (51 cm)

Height: 14" (35.6 cm)

*Dimensions are in inches

Photometrics To view photometric report and download IES files, visit: www.evolutialighting.com/technicallibrary

Beam diameter is to 50% Of maximum footcandles. Footcandle values are Initial, apply appropriate Light loss factor where necessary.

Cone of Light: EVO-DL-5000-5K- 52°

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
3'0"	908	3'0"
10'0"	172	9'0"
20'0"	45	17'0"
30'0"	21	24'0"

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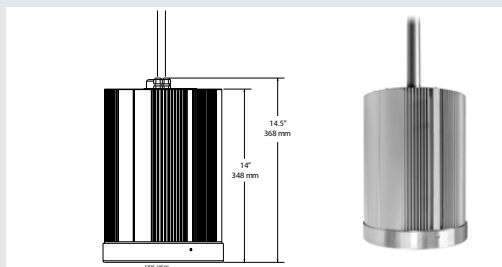
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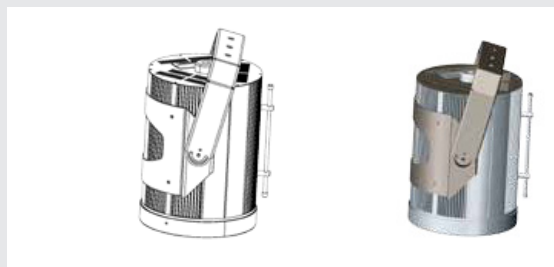
Technical Specifications

Mounting Options

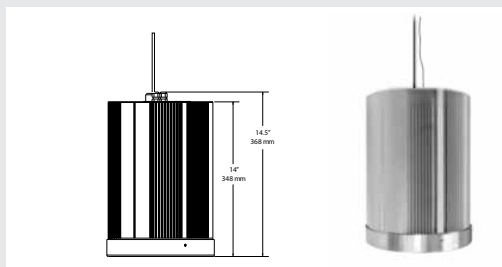
Pendant Mount



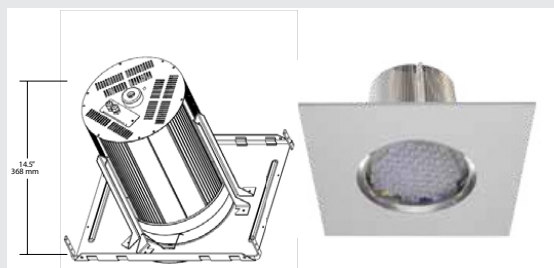
Yoke Mount



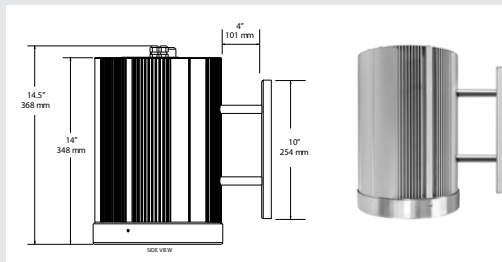
Cable Mount



Recessed



Wall Mount



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