

CLB

LED Champion Low Bay

Specifications/Features

Fixture

The Champion Series Low Bay available in two (2) wattage packages: 100W/13,000 Lumens and 150W/18,000 Lumens. This performance Low Bay fixture delivers up to 18,000 lumens in a low profile, easy to install design. Utilizing custom optic lensing, the Champion series is available in two different beam spread distributions: 90 degrees and 120 degrees. Medium (MC) lenses are constructed of high-impact polycarbonate, Wide (WC) lenses are constructed of tempered glass. Ideal for high ceiling applications such as warehouses, large retail environments, and storage facilities. The luminaire comes standard with 18" of black flexible cable and eye bolt for hook mounting. Optional mounting methods include:

- 120V and 277V twist lock receptacles allow for easy retrofit opportunities.
- Adjustable U-Bracket for conduit, ceiling or wall mounting

Optional motion sensor offers field adjustable detection zones, hold time, stand-by, dimming level, and daylight sensing.

Lamp

Light engine consists of 256 high output LEDs driven at 100W or 150W. Excellent fixture-to-fixture color consistency available in 3000K, 3500K, and 4000K; CRI 80min., 83 typical. System designed and rated for 50,0000 hours at 70% lumen maintenance.

Dimming

The Champion Low Bay series come standard with 120-277V, 0-10V dimming driver capable of dimming to 5%.

Warranty

This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

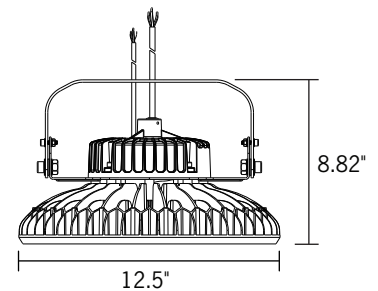
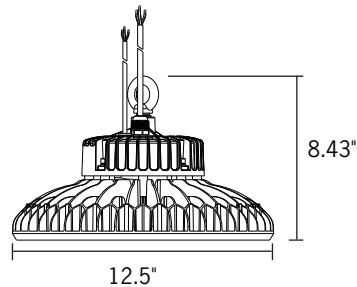
Listing

cETLus Certified to UL standards on base models. IP65 Rated. Suitable for wet location.

DISCONTINUED ITEM:
LIMITED INVENTORY
Consult Factory for Availability



CLB with Eye Hook



Ordering Information

Example Order: - -

Model	LED Module	Color Temp	Driver Option	Beam Dist.	Mounting	Finish	Motion Sensor
CLB - Champion Low Bay	1 - 100W/ 13,000Lm 2 - 150W/ 18,000Lm	30K - 3000K 35K - 3500K 40K - 4000K	MVD2 - 120-277V, 0-10V Dimming	MC - 90° Medium Beam with Clear Lens WC - 120° Wide Beam with Clear Lens	EC - Eye Hook with 18" Cable ECP12 - Eye Hook, 18" Cable, 15A - 120V Twistlock Plug ECP27 - Eye Hook, 18" Cable, 15A - 277V Twistlock Plug BC* - Surface Mount/ Conduit Bracket	B - Black P - White	- Blank, None MS - Integrated Motion Sensor

*Surface Mount bracket only available in Black finish

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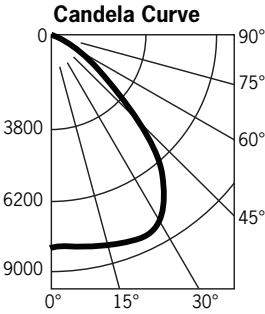
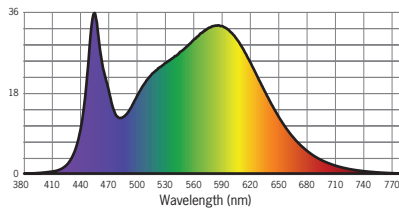
Photometrics

To estimate CLB1 Series output multiply CLB2 Output by 0.67

CLB240KMVD2MCEC-B

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G18082101

Light Output (Fixture Delivered Lumens): 18632
 Total Watts@120V: 148
 Lumens Per Watt: 125.5
 Color Rendering Index (CRI)²: 84
 Color Temperature (CCT)³: 4111K
 Spectral Power Distribution Chart⁴
 LM-79 Test No. S18082001



FROM 0	CANDELA	LUMENS
0	7975	
5	8016	813
15	8222	2331
25	8339	3860
35	7563	4751
45	4858	3762
55	2150	1929
65	893	886
75	336	355
85	23	13
95	0	

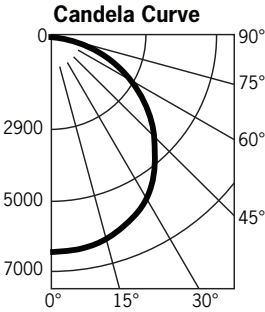
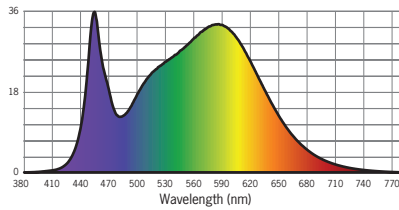
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
10'	79.7	21.6
12'	55.4	25.9
14'	40.7	30.2
16'	31.2	34.5
18'	24.6	38.8
20'	19.9	43.1

Beam Distribution: 94.3°

CLB240KMVD2WCEC-B

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G18082102

Light Output (Fixture Delivered Lumens): 17624
 Total Watts@120V: 148
 Lumens Per Watt: 119
 Color Rendering Index (CRI)²: 84
 Color Temperature (CCT)³: 4111K
 Spectral Power Distribution Chart⁴
 LM-79 Test No. S18082001



FROM 0	CANDELA	LUMENS
0	6470	
5	6450	654
15	6269	1777
25	5900	2731
35	5293	3325
45	4400	3408
55	3319	2978
65	2032	2017
75	736	779
85	27	15
95	0	

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
10'	64.7	29.3
12'	44.9	35.2
14'	33.0	41.0
16'	25.3	46.9
18'	20.0	52.8
20'	16.2	58.6

Beam Distribution: 111.4°

1. Dependent on surrounding temperatures
 2. Accuracy of rendering colors
 3. Color appearance of light source
 4. Colors present within the light source