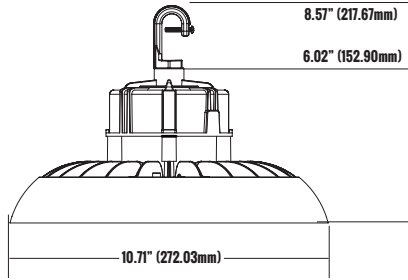


PRODUCT CODE: HBRA2-100350-CW-G

100W LED ARCHITECTURAL HIGH BAY/ROUND



PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce our new LED Round Highbay Generation - HBRA2. The HBRA2-100350-CW-G offers the latest in both quality and performance. At 150lm/w, we are now able to replace depreciated 400W Metal Halide fixtures with only a 100 watt LED fixture - 15,000 lumens. Using a pure aluminum shell, and with innovative finning, the HBRA2 series is lighter in weight than other round highbays, and offers better heat dissipation compared with die-cast aluminum. The silver-gray color along with new, reduced size housings offer a pleasing aesthetic look, and the 110 degree beam pattern can be easily modified to hold a 60 degree or 90 degree diffuser. IP65, wet location rated, the HBRA2 series has available wire guards to protect from physical shock, and a directional yoke mount for precision illumination. For further energy savings, take advantage of the available 1-10V Continuous Dimming. Available in 120-277V & 347V. 4000K & 5000K.

FEATURES


- LED Indoor light source
- Lighter weight pure aluminum, reduced size housings.
- Suspension or yoke mounting.
- 110 degree beam standard - 60 degree or 90 degree diffuser available.
- Available in 120-277V & 347V // 4000K & 5000K.
- 54" standard power cord and 1-10V Dimming cable.
- >80CRI.
- IP65 - wet location rated.
- 1-10V continuous dimming.
- 5 year warranty.
- L70 - 50,000 hours.
- DLC Premium - 150lm/w.

PRODUCT SPECIFICATIONS (OPTICAL DATA)

LED TYPE	LED QTY	SYSTEM EFFICACY	LUMENS	COLOR TEMPERATURE	BEAM ANGLE	CRI	SYSTEM EFFICIENCY	VOLTAGE	POWER FREQ.	POWER EFFICIENCY	POWER FACTOR	HARMONIC DISTORTION
SAMSUNG	315 CHIPS	150LM/W	15,117LM	5000K	110°	>80CRI	>90%	AC347V	50-60HZ	>89%	>0.89	<25%

PRODUCT SPECIFICATIONS (ELECTRICAL DATA)

PRODUCT SPECIFICATIONS

WATTAGE	FIXTURE MATERIAL	INGRESS PROTECT	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE	
100W	ALUMINUM/ GLASS LENS	IP65	>50,000 HOURS	-30°C~-50°C -22°F~-122°F	-20°C~-50°C -4°F~-122°F	10.71 X 8.57 X 6.02 INCHES (272 X 218 X 153 MM)	13.54 X 13.54 X 8.27 INCHES (344 X 344 X 210 MM)	

ADDITIONAL INFORMATION

INSTALLATION METHOD

SUSPENSION/YOKE

FIXTURE COLOR

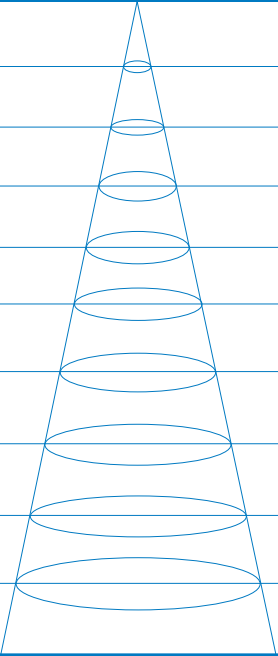
GRAY FINISH

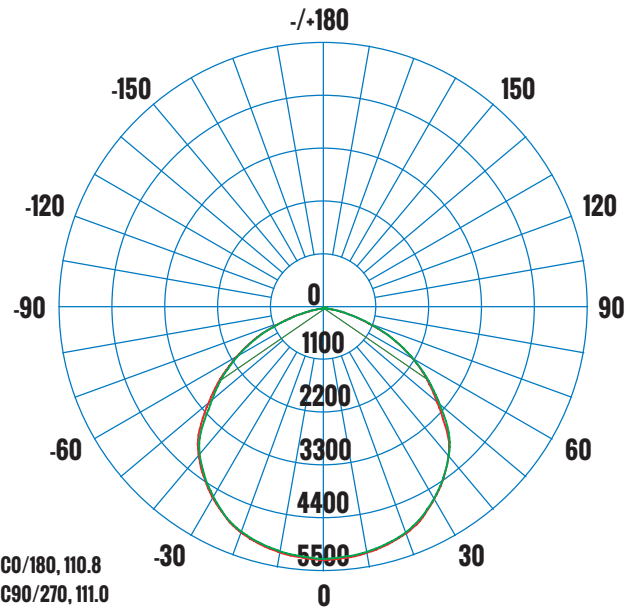
CONTROL TYPE

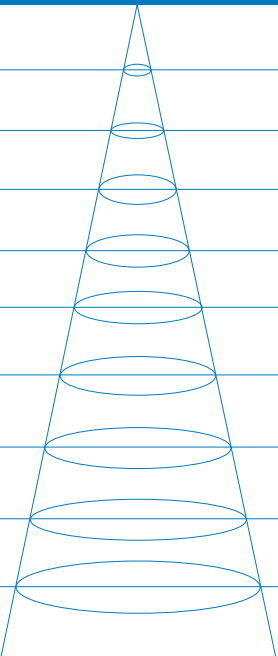
1-10V CONTINUOUS DIMMING

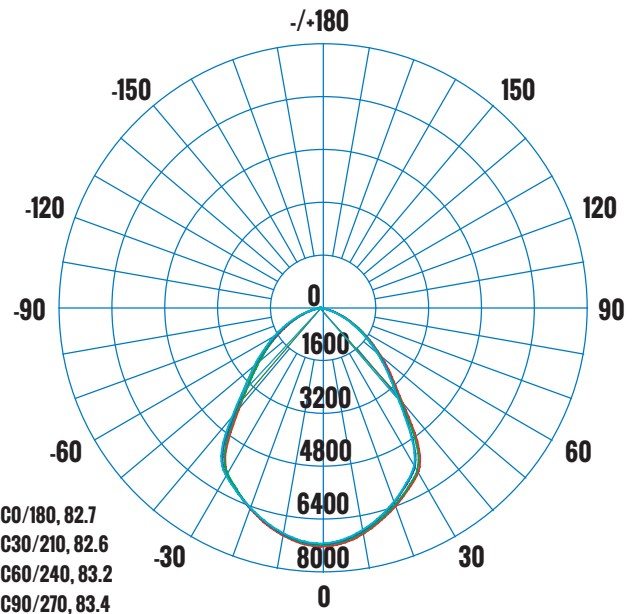
PRODUCT CODE: HBRA2-100350-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 23,351LM

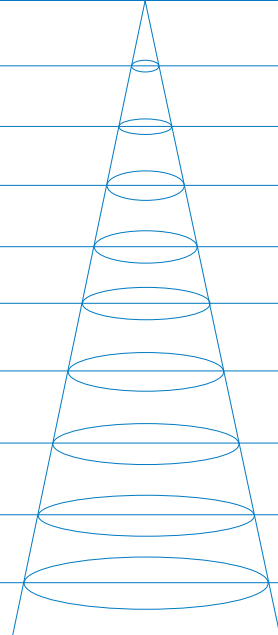
3.28FT 1M	1663,5409LX		9.89FT 2.89M
6.56FT 2M	415.8,1352LX		19.01FT 5.79M
9.84FT 3M	184.8,600.9LX		28.52FT 8.69M
13.12FT 4M	104.0,338.0LX		38.03FT 11.59M
16.40FT 5M	66.53,216.3LX		47.54FT 14.49M
19.69FT 6M	46.20,150.2LX		57.05FT 17.38M
22.97FT 7M	33.94,110.4LX		66.56FT 20.28M
26.25FT 8M	25.99,84.51LX		76.07FT 23.18M
29.52FT 9M	20.53,66.77LX		85.57FT 26.08M
32.80FT 10M	16.63,54.09LX		95.08FT 28.98M
HT	EAVG/EMAX	ANGLE: 112.89DEG	DIA

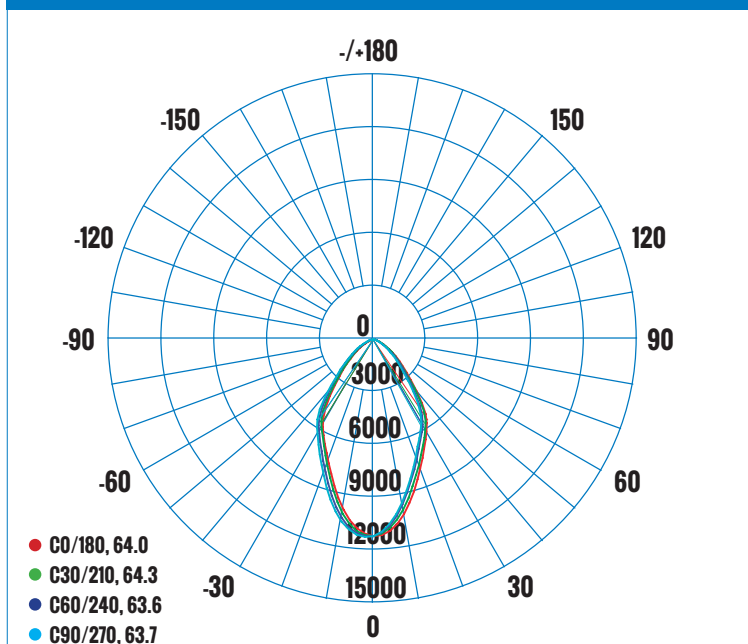
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 110.9DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D DIFFUSER LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9293LM

3.28FT 1M	3648,7508LX		5.77FT 1.76M
6.56FT 2M	912.1,1877LX		11.55FT 3.52M
9.84FT 3M	405.4,834.2LX		17.33FT 5.28M
13.12FT 4M	228.0,469.3LX		23.11FT 7.04M
16.40FT 5M	145.9,300.3LX		28.89FT 8.80M
19.69FT 6M	101.3,208.6LX		34.66FT 10.56M
22.97FT 7M	74.46,153.2LX		40.44FT 12.32M
26.25FT 8M	57.01,117.3LX		46.22FT 14.08M
29.52FT 9M	45.04,92.69LX		52.00FT 15.85M
32.80FT 10M	36.48,75.08LX		57.78FT 17.61M
HT	EAVG/EMAX	ANGLE: 82.73DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(30%) - 83.0 DEG

PRODUCT CODE: HBRA2-100350-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D DIFFUSER LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7565LM

3.28FT 1M	5933,11624LX		4.01FT 1.22M
6.56FT 2M	1483,2906LX		8.03FT 2.44M
9.84FT 3M	659.3,1292LX		12.04FT 3.67M
13.12FT 4M	370.8,726.5LX		16.06FT 4.89M
16.40FT 5M	237.3,465.0LX		20.07FT 6.12M
19.69FT 6M	164.8,322.9LX		24.09FT 7.34M
22.97FT 7M	121.1,237.2LX		28.11FT 8.56M
26.25FT 8M	92.71,181.6LX		32.12FT 9.79M
29.52FT 9M	73.25,143.5LX		36.14FT 11.01M
32.80FT 10M	59.33,116.2LX		40.15FT 12.24M
HT	EAVG/EMAX	ANGLE: 62.93DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 63.9DEG
CERTIFICATIONS

DRIVER / LED CHIP

ACCESSORIES


60D DIFFUSER -
 PART#: HBRA2-60D-PMLN-100
 90D DIFFUSER - PART#:
 HBRA2-90D-PMLN-100



YOKE MOUNT -
 PART#: HBRA2-YM-100



WIRE GUARD -
 PART#: HBRA2-WG-100

ORDERING INFORMATION - HBRA2 SERIES

SERIES	SIZE	STYLE	WATTAGE	VOLTAGE	COLOR TEMPERATURE	DIMMABLE	LENS	ANGLE	FINISH
E.G. HB	R	A2	100	3	5	0	C	W	G
HB - HIGH BAY	R - ROUND	A2 - ARCHITECTURAL	100 - 100W	3 - 347V	5 - 5000K	0 - 1-10V CONTINUOUS DIMMING	C - CLEAR	W - WIDE	G - GRAY

WHEN PURCHASING LENS/REFLECTORS OR MOUNTING OPTIONS, PLEASE REFERENCE PART NUMBER.

Head Office - 1850 Wilson Ave. · Toronto, ON · M9M 1A1 · Tel: 416.741.7336 · Fax: 416.741.9104

Toll Free: in Canada. 1.800.661.9610 · in USA. 1.888.762.5384 (SOCKETS4U)

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