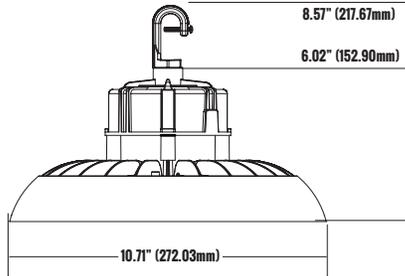


PRODUCT CODE: HBRA2-100340-CW-G

100W LED ARCHITECTURAL HIGH BAY/ROUND



PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce our new LED Round Highbay Generation - HBRA2. The HBRA2-100340-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	14,968LM	4000K	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

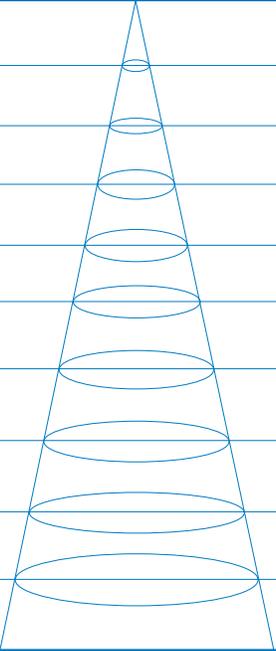
GRAY FINISH

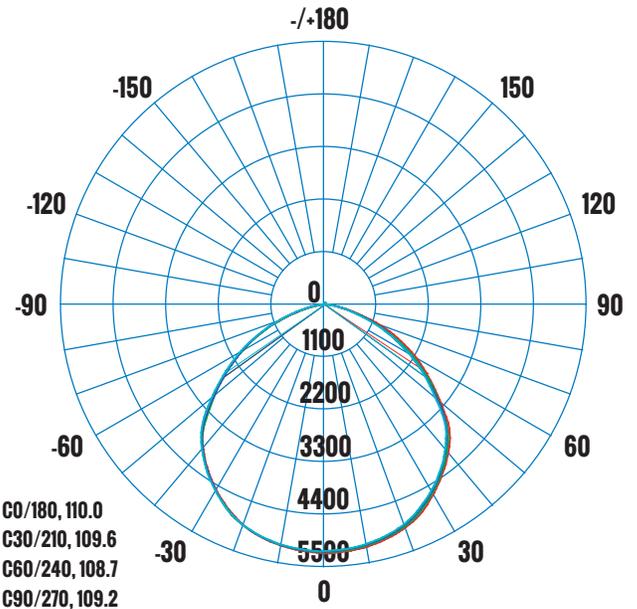
CONTROL TYPE

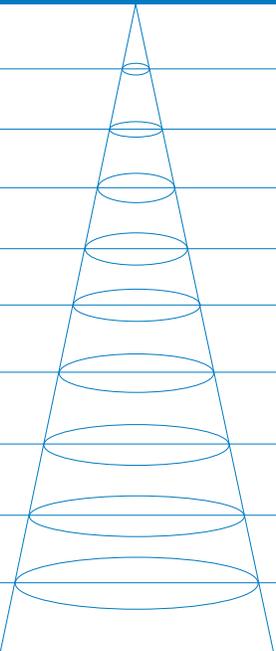
1-10V CONTINUOUS DIMMING

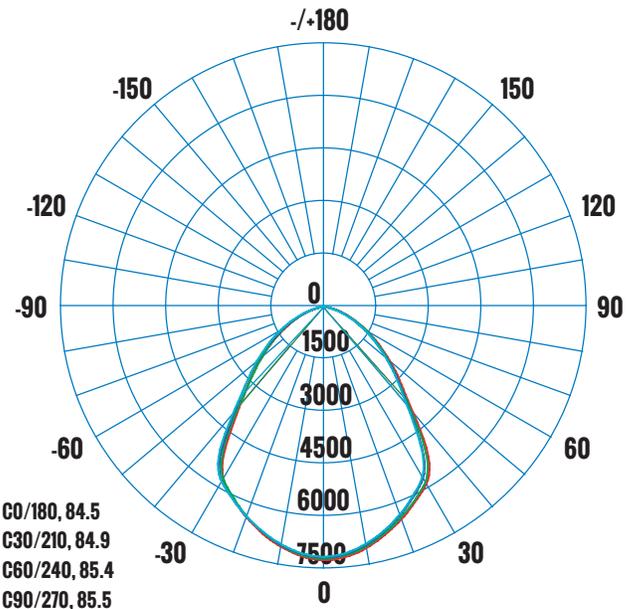
PRODUCT CODE: HBRA2-100340-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 11,240LM

3.28FT 1M	1754,5454LX		9.18FT 2.79M
6.56FT 2M	438.5,1363LX		18.36FT 5.59M
9.84FT 3M	194.9,606.0LX		27.54FT 8.39M
13.12FT 4M	109.6,340.9LX		36.72FT 11.19M
16.40FT 5M	70.17,218.1LX		45.90FT 13.99M
19.69FT 6M	48.73,151.5LX		55.08FT 16.79M
22.97FT 7M	35.80,111.3LX		64.26FT 19.58M
26.25FT 8M	27.41,85.21LX		73.44FT 22.38M
29.52FT 9M	21.66,67.33LX		82.62FT 25.18M
32.80FT 10M	17.54,54.54LX		91.81FT 27.98M
HT	EAVG/EMAX	ANGLE: 108.89DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 109.4DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D DIFFUSER LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9528LM

3.28FT 1M	3488,7366LX		5.96FT 1.81M
6.56FT 2M	872.0,1841LX		11.92FT 3.63M
9.84FT 3M	387.5,818.4LX		17.89FT 5.45M
13.12FT 4M	218.0,460.4LX		23.85FT 7.27M
16.40FT 5M	139.5,294.6LX		29.81FT 9.08M
19.69FT 6M	96.89,204.6LX		35.78FT 10.90M
22.97FT 7M	71.18,150.3LX		41.74FT 12.72M
26.25FT 8M	54.50,115.1LX		47.70FT 14.54M
29.52FT 9M	43.06,90.94LX		53.67FT 16.35M
32.80FT 10M	34.88,73.66LX		59.63FT 18.17M
HT	EAVG/EMAX	ANGLE: 84.53DEG	DIA

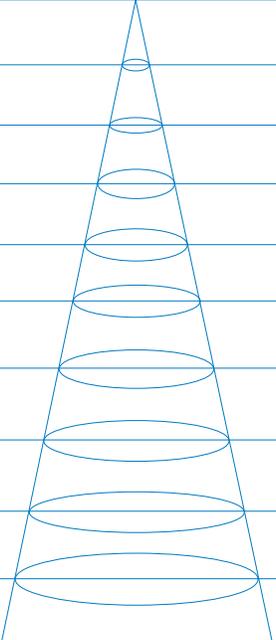
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(30%) - 85.1 DEG

PRODUCT CODE: HBRA2-100340-CW-G

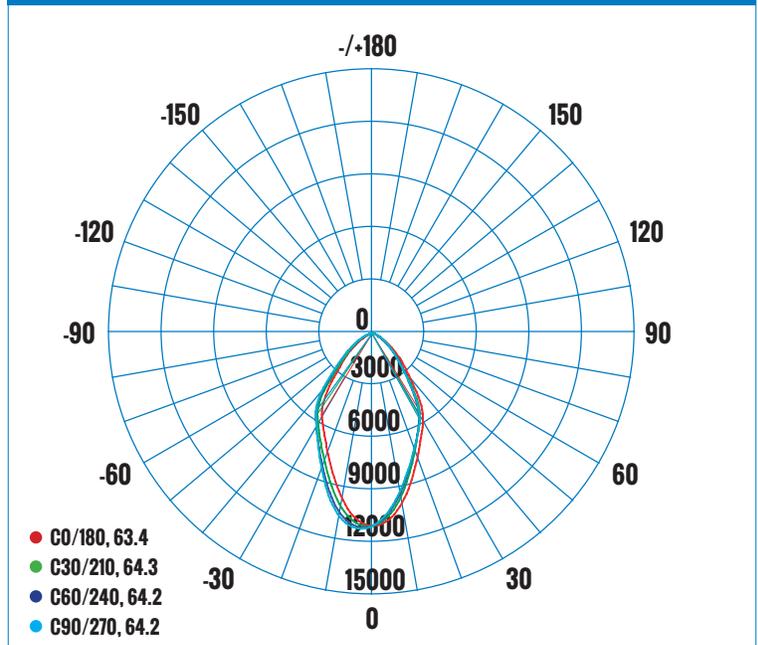
100W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D DIFFUSER LENS

ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7439LM

3.28FT 1M	6065,11607LX		4.05FT 1.23M
6.56FT 2M	1516,2902LX		8.10FT 2.47M
9.84FT 3M	673.9,1290LX		12.16FT 3.70M
13.12FT 4M	379.0,725.4LX		16.21FT 4.94M
16.40FT 5M	242.6,464.3LX		16.39FT 6.17M
19.69FT 6M	168.5,322.4LX		20.26FT 7.41M
22.97FT 7M	123.8,236.9LX		28.37FT 8.64M
26.25FT 8M	94.76,181.4LX		32.43FT 9.88M
29.52FT 9M	74.87,143.3LX		36.48FT 11.12M
32.80FT 10M	60.65,116.1LX		40.53FT 12.35M
HT	EAVG/EMAX	ANGLE: 63.42DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%) - 64.0DEG

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
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ORDERING INFORMATION - HBRA2 SERIES

SERIES	SIZE	STYLE	WATTAGE	VOLTAGE	COLOR TEMPERATURE	DIMMABLE	LENS	ANGLE	FINISH
E.G. HB	R	A2	100	3	4	0	C	W	G
HB - HIGH BAY	R - ROUND	A2 - ARCHITECTURAL	100 - 100W	3 - 347V	4- 4000K	0 - 1-10V CONTINUOUS DIMMING	C - CLEAR	W - WIDE	G - GRAY

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

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