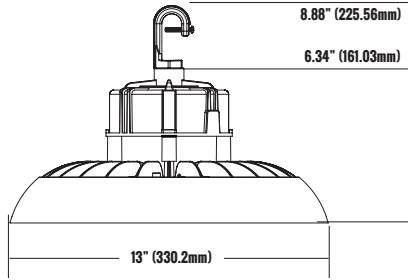


PRODUCT CODE: HBRA2-150340-CW-G
150W LED ARCHITECTURAL HIGH BAY/ROUND


PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce our new LED Round Highbay Generation - HBRA2. The HBRA2-150340-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.

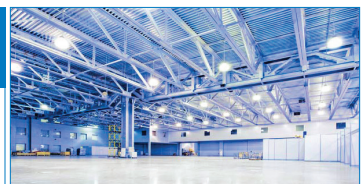
PRODUCT SPECIFICATIONS (OPTICAL DATA)

LED TYPE	LED QTY	SYSTEM EFFICACY	LUMENS	COLOR TEMPERATURE	BEAM ANGLE	CRI	SYSTEM EFFICIENCY	VOLTAGE	POWER FREQ.	POWER EFFICIENCY	POWER FACTOR	HARMONIC DISTORTION
SAMSUNG	420 CHIPS	150LM/W	22,452LM	4000K	110°	>80CRI	>90%	AC347V	50-60HZ	>88%	>0.91	<25%

PRODUCT SPECIFICATIONS (ELECTRICAL DATA)

PRODUCT SPECIFICATIONS

WATTAGE	FIXTURE MATERIAL	INGRESS PROTECT	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE
150W	ALUMINUM/ GLASS LENS	IP65	>50,000 HOURS	-30°C~-50°C -22°F~-122°F	-20°C~-50°C -4°F~-122°F	13 X 8.88 X 6.34 INCHES (330 X 226 X 161 MM)	13.54 X 13.54 X 8.27 INCHES (344 X 344 X 210 MM)



ADDITIONAL INFORMATION

INSTALLATION METHOD

SUSPENSION/YOKE

FIXTURE COLOR

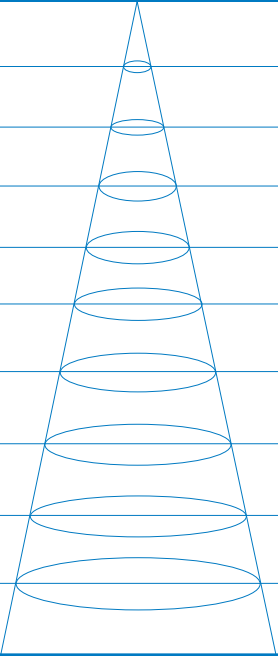
GRAY FINISH

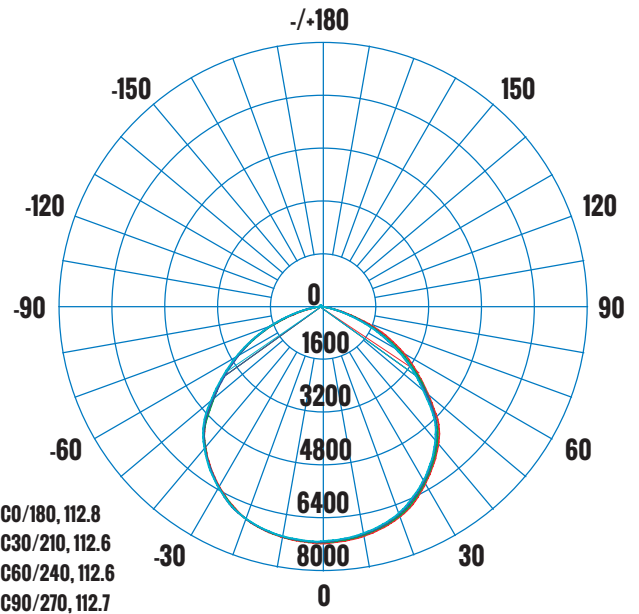
CONTROL TYPE

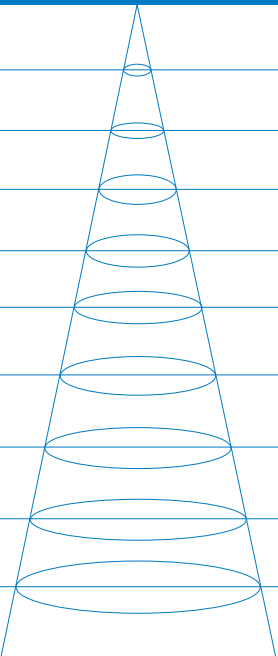
1-10V CONTINUOUS DIMMING

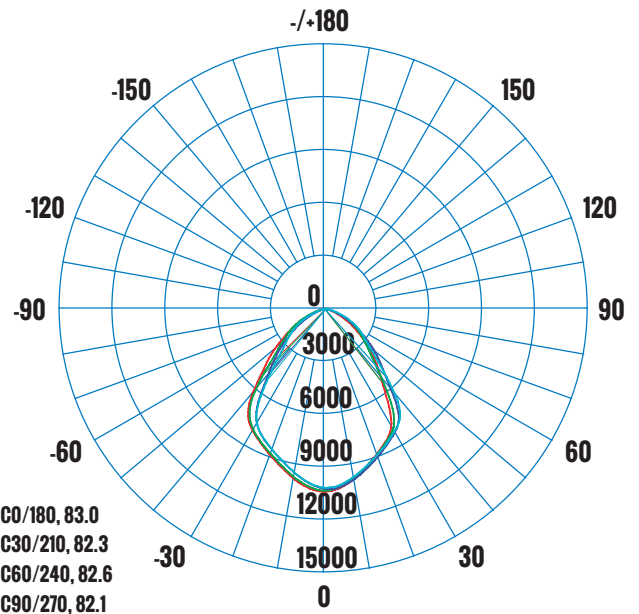
PRODUCT CODE: HBRA2-150340-CW-G
150W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 16,076LM

3.28FT 1M	2328,7552LX		9.72FT 2.96M
6.56FT 2M	582.0,1888LX		19.45FT 5.92M
9.84FT 3M	258.7,839.1LX		29.18FT 8.89M
13.12FT 4M	145.5,472.0LX		38.90FT 11.85M
16.40FT 5M	93.13,302.1LX		48.63FT 14.82M
19.69FT 6M	64.67,209.8LX		58.36FT 17.78M
22.97FT 7M	47.51,154.1LX		68.08FT 20.75M
26.25FT 8M	36.38,118.0LX		77.81FT 23.71M
29.52FT 9M	28.74,93.23LX		87.54FT 26.68M
32.80FT 10M	23.28,75.52LX		97.26FT 29.64M
HT	EAVG/EMAX	ANGLE: 111.99DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 112.7DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D DIFFUSER LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 12819LM

3.28FT 1M	5400,11061LX		5.65FT 1.72M
6.56FT 2M	1350,2765LX		11.30FT 3.44M
9.84FT 3M	600.0,1229LX		16.95FT 5.16M
13.12FT 4M	337.5,691.3LX		22.60FT 6.89M
16.40FT 5M	216.0,442.4LX		28.26FT 8.61M
19.69FT 6M	150.0,307.2LX		33.91FT 10.33M
22.97FT 7M	110.2,225.7LX		39.56FT 12.05M
26.25FT 8M	84.37,172.8LX		45.21FT 13.78M
29.52FT 9M	66.66,136.6LX		50.87FT 15.50M
32.80FT 10M	54.00,110.6LX		56.52FT 17.22M
HT	EAVG/EMAX	ANGLE: 81.48DEG	DIA

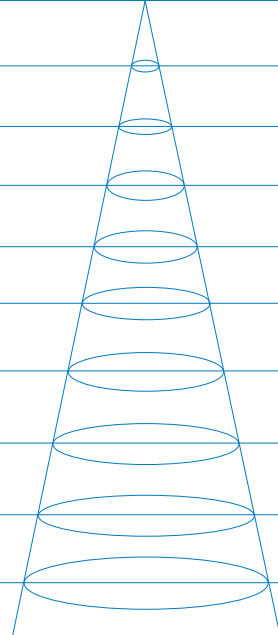
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(30%) - 82.5 DEG

PRODUCT CODE: HBRA2-150340-CW-G

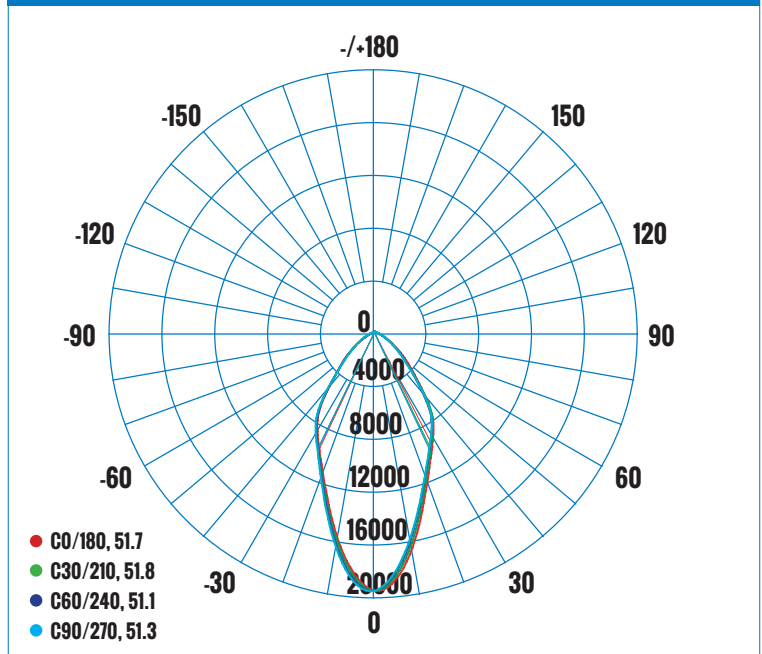
150W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D DIFFUSER LENS

ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 8331LM

3.28FT 1M	11148,19999LX		3.08FT 0.94M
6.56FT 2M	2787,5000LX		6.17FT 1.88M
9.84FT 3M	1239,2222LX		9.26FT 2.82M
13.12FT 4M	696.7,1250LX		12.35FT 3.76M
16.40FT 5M	445.9,800.0LX		15.44FT 4.70M
19.69FT 6M	309.7,555.5LX		18.53FT 5.65M
22.97FT 7M	227.5,408.1LX		21.62FT 6.59M
26.25FT 8M	174.2,312.5LX		24.71FT 7.53M
29.52FT 9M	137.6,246.9LX		27.80FT 8.47M
32.80FT 10M	111.5,200.0LX		30.89FT 9.41M
HT	EAVG/EMAX	ANGLE: 50.43DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%) - 51.5DEG

CERTIFICATIONS



DRIVER / LED CHIP



ACCESSORIES

 60D DIFFUSER - PART#: HBRA2-60D-PMLN-150	 90D DIFFUSER - PART#: HBRA2-90D-PMLN-150	 YOKE MOUNT - PART#: HBRA2-YM-150	 WIRE GUARD - PART#: HBRA2-WG-150
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ORDERING INFORMATION - HBRA2 SERIES

SERIES	SIZE	STYLE	WATTAGE	VOLTAGE	COLOR TEMPERATURE	DIMMABLE	LENS	ANGLE	FINISH
E.G. HB	R	A2	150	3	5	0	C	W	G
HB - HIGH BAY	R - ROUND	A2 - ARCHITECTURAL	150 - 150W	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.

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