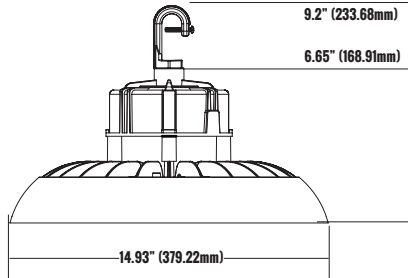


PRODUCT CODE: HBRA2-200U40-CW-G

200W LED ARCHITECTURAL HIGH BAY/ROUND



PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce our new LED Round Highbay Generation - HBRA2. The HBRA2-200U40-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	675 CHIPS	150LM/W	29,904LM	4000K	110°	>80CRI	>90%	AC120V~277V	50-60HZ	>90%	>0.95	<10%

PRODUCT SPECIFICATIONS (ELECTRICAL DATA)

PRODUCT SPECIFICATIONS

WATTAGE	FIXTURE MATERIAL	INGRESS PROTECT	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE	
200W	ALUMINUM/ GLASS LENS	IP65	>50,000 HOURS	-30°C~-50°C -22°F~-122°F	-20°C~-50°C -4°F~-122°F	14.93 X 9.20 X 6.65 INCHES (379 X 234 X 169 MM)	17.71 X 17.71 X 9.05 INCHES (450 X 450 X 230 MM)	

ADDITIONAL INFORMATION

INSTALLATION METHOD

FIXTURE COLOR

CONTROL TYPE

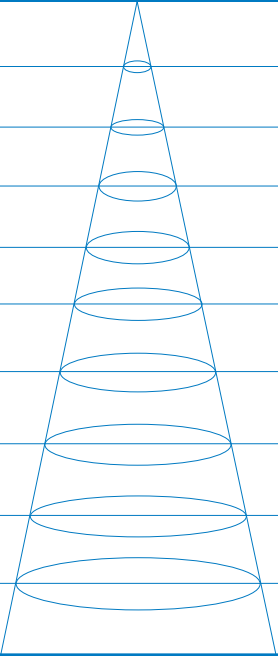
SUSPENSION/YOKE

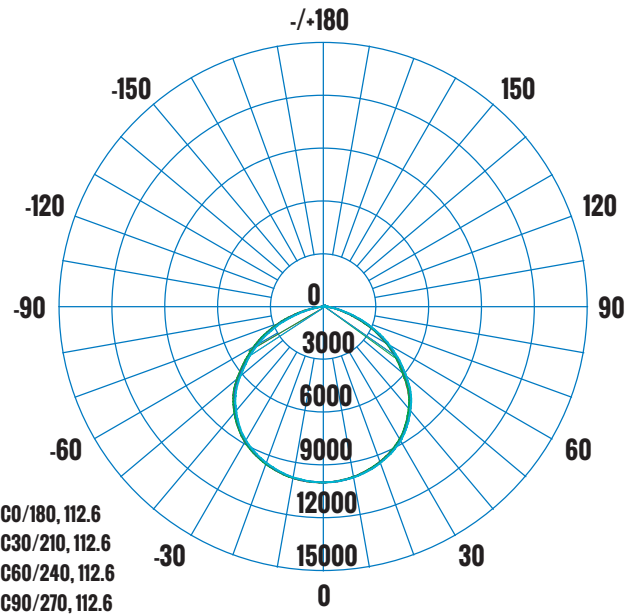
GRAY FINISH

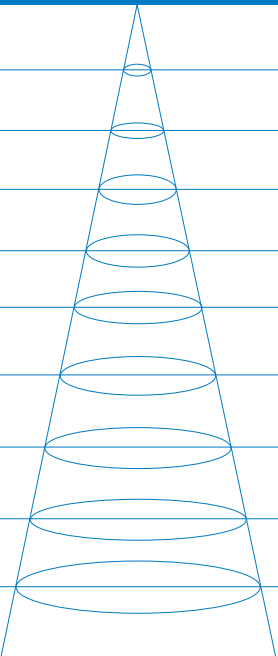
1-10V CONTINUOUS DIMMING

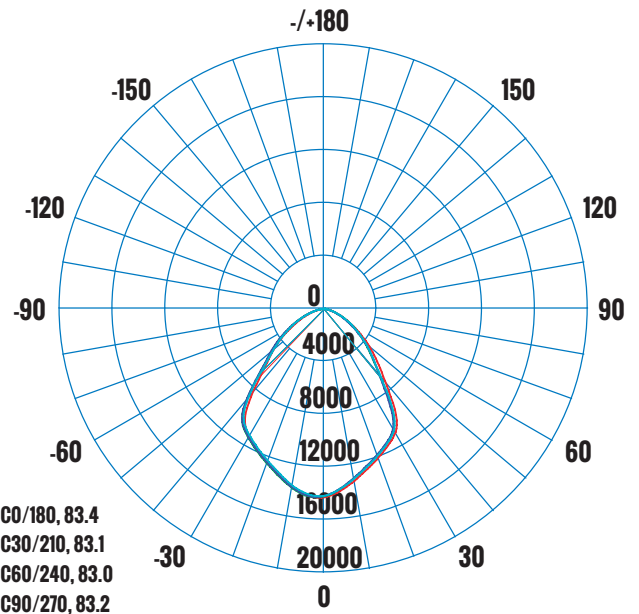
PRODUCT CODE: HBRA2-200U40-CW-G
200W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 22,840LM

3.28FT 1M	3066,10470LX		9.79FT 2.98M
6.56FT 2M	766.5,2618LX		19.58FT 5.96M
9.84FT 3M	340.7,1163LX		29.37FT 8.95M
13.12FT 4M	191.6,654.4LX		39.16FT 11.93M
16.40FT 5M	122.6,418.8LX		48.95FT 14.92M
19.69FT 6M	85.17,290.8LX		58.74FT 17.90M
22.97FT 7M	62.57,213.7LX		68.53FT 20.89M
26.25FT 8M	47.91,163.6LX		78.33FT 23.87M
29.52FT 9M	37.85,129.3LX		88.12FT 26.85M
32.80FT 10M	30.66,104.7LX		97.91FT 29.84M
HT	EAVG/EMAX	ANGLE: 112.34DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 112.6DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D DIFFUSER LENS
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 18,260LM

3.28FT 1M	7169,15073LX		5.81FT 1.77M
6.56FT 2M	1792,3768LX		11.62FT 3.54M
9.84FT 3M	796.6,1675LX		17.43FT 5.31M
13.12FT 4M	448.1,942.1LX		23.24FT 7.08M
16.40FT 5M	286.8,602.9LX		29.05FT 8.85M
19.69FT 6M	199.2,418.7LX		34.86FT 10.62M
22.97FT 7M	146.3,307.6LX		40.67FT 12.39M
26.25FT 8M	112.0,235.5LX		46.48FT 14.16M
29.52FT 9M	88.51,186.1LX		52.29FT 15.94M
32.80FT 10M	71.69,150.7LX		58.10FT 17.71M
HT	EAVG/EMAX	ANGLE: 83.05DEG	DIA

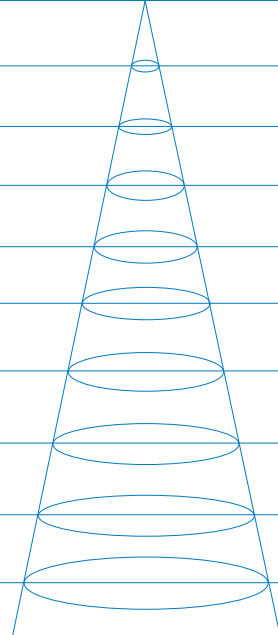
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(30%) - 82.3 DEG

PRODUCT CODE: HBRA2-200U40-CW-G

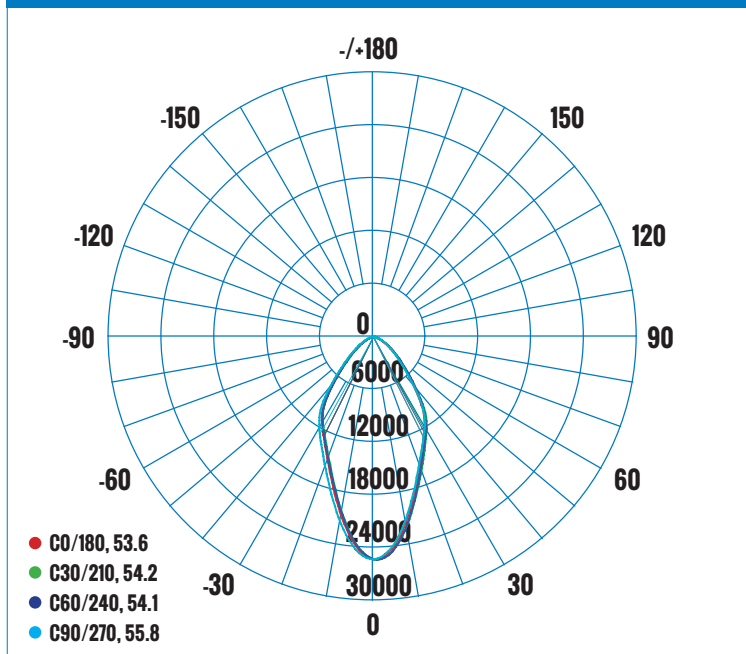
200W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D DIFFUSER LENS

ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 11540LM

3.28FT 1M	14148,25859LX		3.24FT 0.98M
6.56FT 2M	3537,6465LX		6.49FT 1.97M
9.84FT 3M	1572,2873LX		9.73FT 2.96M
13.12FT 4M	884.3,1616LX		12.98FT 3.95M
16.40FT 5M	565.9,1034LX		16.23FT 4.94M
19.69FT 6M	393.0,718.3LX		19.47FT 5.93M
22.97FT 7M	288.7,527.7LX		22.72FT 6.92M
26.25FT 8M	221.1,404.0LX		25.97FT 7.91M
29.52FT 9M	174.7,319.2LX		29.21FT 8.90M
32.80FT 10M	141.5,258.6LX		32.46FT 9.89M
HT	EAVG/EMAX	ANGLE: 52.65DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%) - 54.5DEG

CERTIFICATIONS



DRIVER / LED CHIP



ACCESSORIES

 60D DIFFUSER - PART#: HBRA2-60D-PMLN-200	 90D DIFFUSER - PART#: HBRA2-90D-PMLN-200	 YOKE MOUNT - PART#: HBRA2-YM-200	 WIRE GUARD - PART#: HBRA2-WG-200
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ORDERING INFORMATION - HBRA2 SERIES

SERIES	SIZE	STYLE	WATTAGE	VOLTAGE	COLOR TEMPERATURE	DIMMABLE	LENS	ANGLE	FINISH
E.G. HB	R	A2	200	U	4	0	C	W	G
HB - HIGH BAY	R - ROUND	A2 - ARCHITECTURAL	200 - 200W	U - 120-277V	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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