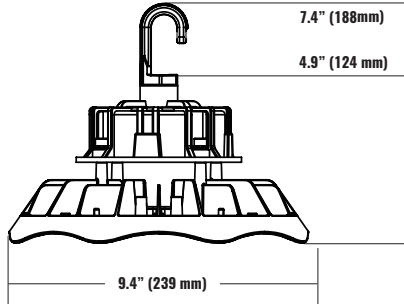


PRODUCT CODE: HBRA7-100351-CW-G

100W LED ARCHITECTURAL HIGH BAY/ROUND



PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce their latest HBRA7 generation of LED round highbay luminaires. The silver-gray color, along with the new light weight and reduced size housings provide a high-end aesthetic look. Using a pure aluminum shell with innovative finning, the HBRA7 series provides superior heat dissipation than die-cast aluminum options. The standard 110° beam pattern can easily be modified by choosing one of the many 60° & 90° options using refractors, and either aluminum or prismatic bells. Efficacy levels are between 151.5lm/w and 166lm/w, depending on the voltage and wattage chosen, and we now have a high performance Microwave Sensor option that offers multiple forms of on/off and dimming functions, coupled with daylight priority lux level settings – all easily programmed with a unique remote control. IP65 Wet Location rated, the HBRA7 series has available wire guards to protect against physical shock, and a directional yoke mount for precision illumination. Available in 100W / 150W / 200W / 240W, in 120-277V & 347-480V. 4000K and 5000K color temps.

FEATURES


- LED Indoor light source
- Light-weight pure aluminum, reduced size housings
- Suspension or precision yoke mounting
- 10' power cord standard
- 110° beam pattern with 60° & 90° beam options using refractors, and aluminum or prismatic bells
- Microwave sensor with remote control optional
- 1-10V Continuous Dimming
- >80CRI
- 120-277V & 347-480V // 4000K & 5000K
- 4kv Surge Protection built in.
- IP65 Wet Location Rated
- 5 year warranty
- L70 – 50,000 hours
- DLC5.0

PRODUCT SPECIFICATIONS (OPTICAL DATA)

PRODUCT SPECIFICATIONS (ELECTRICAL DATA)

LED TYPE	LED QTY	SYSTEM EFFICACY	LUMENS	COLOR TEMPERATURE	BEAM ANGLE	CRI	SYSTEM EFFICIENCY	VOLTAGE	POWER FREQ.	POWER EFFICIENCY	POWER FACTOR	HARMONIC DISTORTION
2835	357 CHIPS	154 LM/W	15,401LM	5000K	110°	>80CRI	>90%	AC347V-480V	50-60HZ	>90%	>0.96	<7.80%

PRODUCT SPECIFICATIONS

WATTAGE	FIXTURE MATERIAL	INGRESS PROTECT	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE	
100W	ALUMINUM/PC LENS	IP65	>50,000 HOURS	- 40°C/+70°C - 40°F/+158°F	- 45°C/+45°C - 49°F/+113°F	9.4 X 9.4 X 7.4 INCHES (239 X 239 X 188 MM)	12.2 X 12.2 X 7.48 INCHES (310 X 310 X 190 MM)	

ADDITIONAL INFORMATION

INSTALLATION METHOD

FIXTURE COLOR

CONTROL TYPE

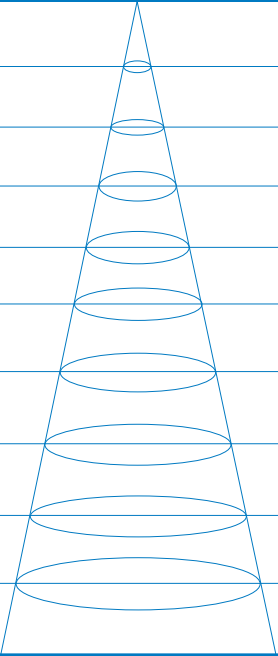
SUSPENSION/YOKE

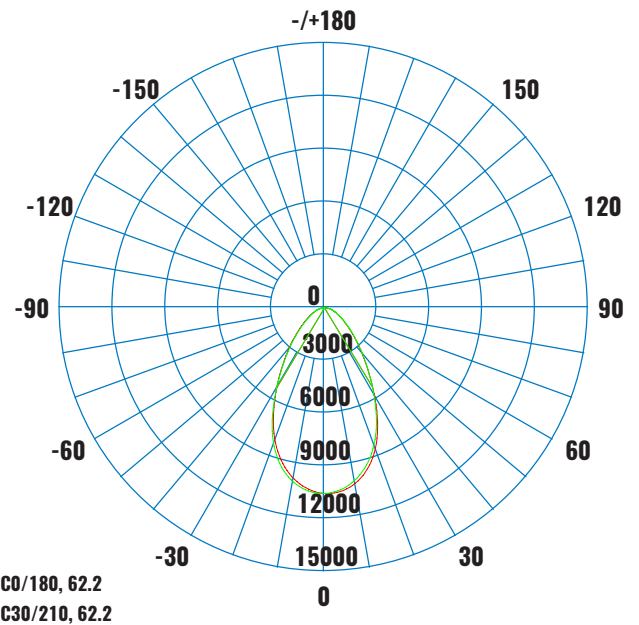
GRAY FINISH

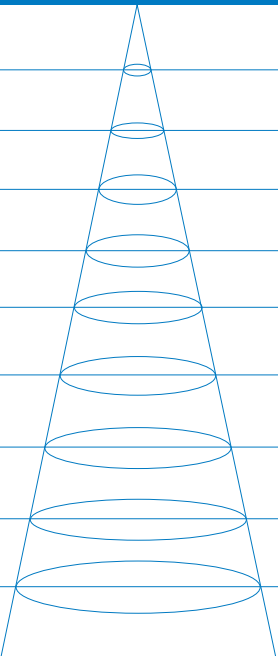
1-10V CONTINUOUS DIMMING

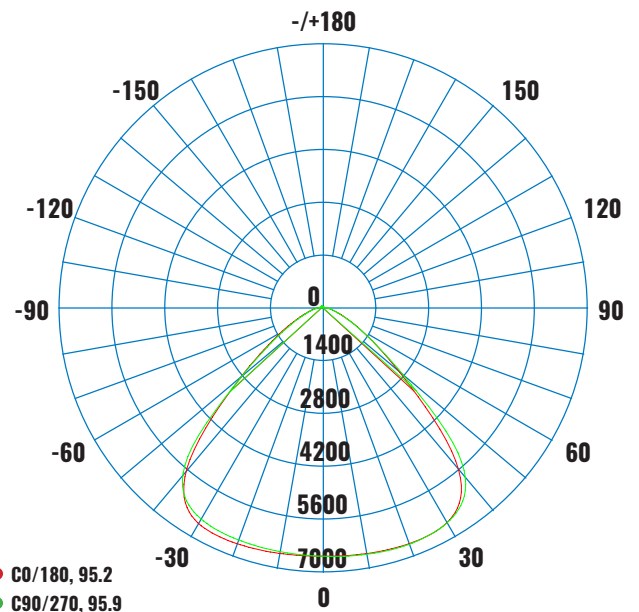
PRODUCT CODE: HBRA7-100351-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D PMLN
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7,489LM

3.28FT 1M	6105,10736LX		3.94FT 120.21CM
6.56FT 2M	1526,2684LX		7.89FT 240.42CM
9.84FT 3M	678.3,1193LX		11.83FT 360.62CM
13.12FT 4M	381.6,671.0LX		15.78FT 480.83CM
16.40FT 5M	244.2,429.4LX		19.72FT 601.04CM
19.69FT 6M	169.6,298.2LX		23.66FT 721.25CM
22.97FT 7M	124.6,219.1LX		27.61FT 841.46CM
26.25FT 8M	95.39,167.7LX		31.55FT 961.67CM
29.52FT 9M	75.37,132.5LX		35.49FT 1081.87CM
32.80FT 10M	61.05,107.4LX		39.44FT 1202.08CM
HT	EAVG/EMAX	ANGLE: 62.02DEG	DIA

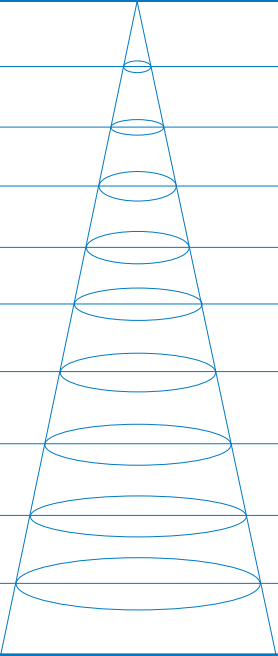
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 62.2DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PMLN
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 12,396LM

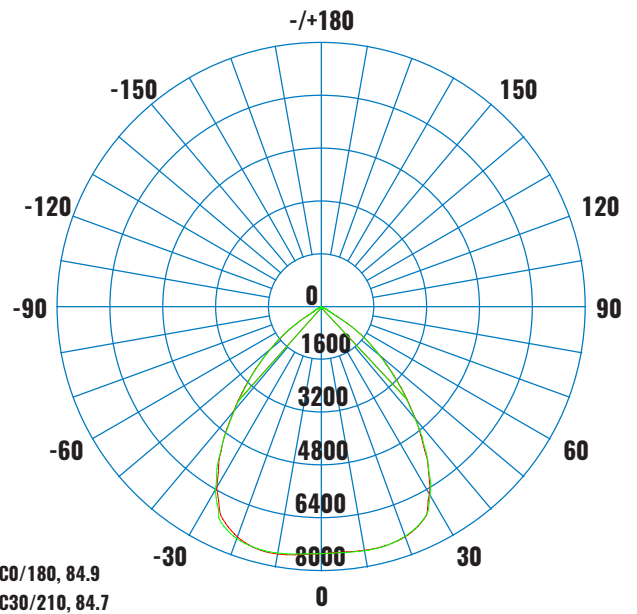
3.28FT 1M	3199,6706LX		7.19FT 219.04CM
6.56FT 2M	799.7,1676LX		14.37FT 438.07CM
9.84FT 3M	355.4,745.1LX		21.56FT 657.11CM
13.12FT 4M	199.9,419.1LX		28.75FT 876.15CM
16.40FT 5M	128.0,268.2LX		35.93FT 1095.18CM
19.69FT 6M	88.86,186.3LX		43.12FT 1314.22CM
22.97FT 7M	65.28,136.9LX		50.30FT 1533.26CM
26.25FT 8M	49.98,104.8LX		57.49FT 1752.29CM
29.52FT 9M	39.49,82.79LX		64.68FT 1971.33CM
32.80FT 10M	31.99,67.06LX		71.86FT 2190.36CM
HT	EAVG/EMAX	ANGLE: 95.20DEG	DIA

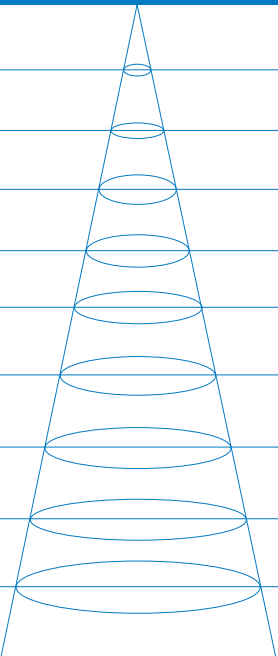
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 95.6 DEG

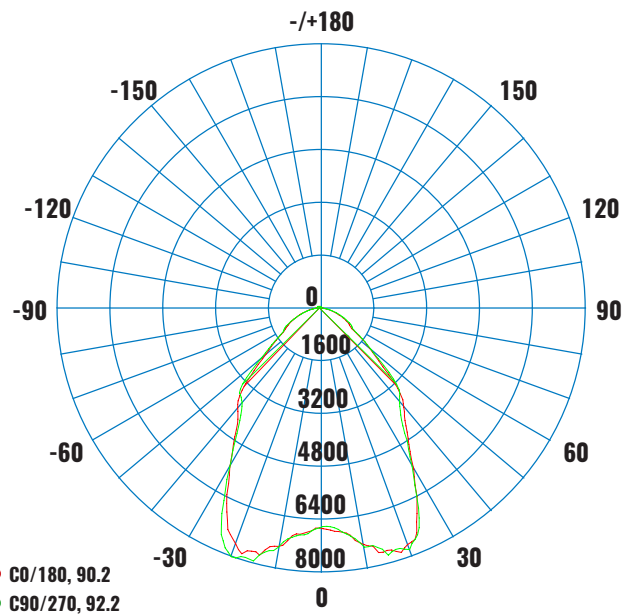
PRODUCT CODE: HBRA7-100351-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D ALRF
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 10,537LM

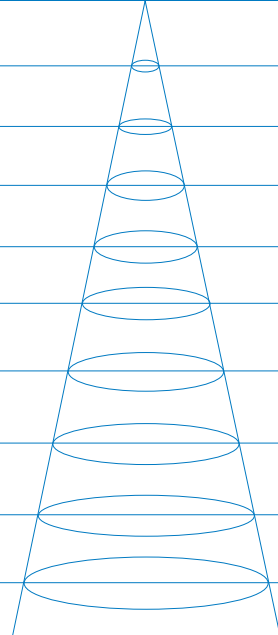
3.28FT 1M	3857,7635LX		5.98FT 182.25 CM
6.56FT 2M	964.3,1909LX		11.96FT 364.50 CM
9.84FT 3M	428.6,848.3LX		17.94FT 546.75 CM
13.12FT 4M	241.1,477.2LX		23.92FT 729.00 CM
16.40FT 5M	154.3,305.4LX		29.90FT 911.25 CM
19.69FT 6M	107.1,212.1LX		35.88FT 1093.50 CM
22.97FT 7M	78.72,155.8LX		41.86FT 1275.75 CM
26.25FT 8M	60.27,119.3LX		47.83FT 1458.00 CM
29.52FT 9M	47.62,94.26LX		53.81FT 1640.25 CM
32.80FT 10M	38.57,76.35LX		59.79FT 1822.50 CM
HT	EAVG/EMAX	ANGLE: 84.68DEG	DIA

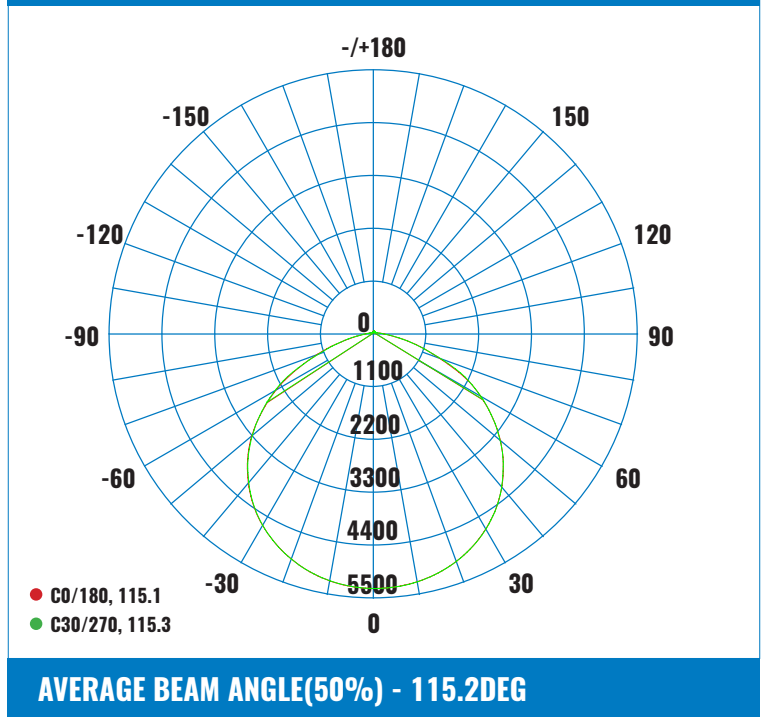
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 84.8 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PCRF
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 10,546LM

3.28FT 1M	3316,6942LX		6.58FT 200.47CM
6.56FT 2M	829.1,1735LX		13.15FT 400.93CM
9.84FT 3M	368.5,771.3LX		19.73FT 601.40CM
13.12FT 4M	207.3,433.9LX		26.31FT 801.86CM
16.40FT 5M	132.7,277.7LX		32.88FT 1002.33CM
19.69FT 6M	92.12,192.8LX		39.46FT 1202.79CM
22.97FT 7M	67.68,141.7LX		46.04FT 1403.26CM
26.25FT 8M	51.82,108.5LX		52.62FT 1603.72CM
29.52FT 9M	40.94,85.70LX		59.20FT 1804.19CM
32.80FT 10M	33.16,69.42LX		65.77FT 2004.65CM
HT	EAVG/EMAX	ANGLE: 90.13DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.2 DEG

PRODUCT CODE: HBRA7-100351-CW-G
100W LED ARCHITECTURAL HIGH BAY/ROUND
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D STANDARD
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 12,161LM

3.28FT 1M	1511,5408LX		10.31FT 314.35 CM
6.56FT 2M	377.9,1352LX		20.63FT 628.71 CM
9.84FT 3M	167.9,600.9LX		30.94FT 943.06 CM
13.12FT 4M	94.47,338.0LX		41.25FT 1257.42 CM
16.40FT 5M	60.46,216.3LX		51.57FT 1571.77 CM
19.69FT 6M	41.99,150.2LX		61.88FT 1886.13 CM
22.97FT 7M	30.85,110.4LX		72.19FT 2200.48 CM
26.25FT 8M	23.62,84.50LX		82.51FT 2514.83 CM
29.52FT 9M	18.66,66.76LX		92.82FT 2829.19 CM
32.80FT 10M	15.11,54.08LX		103.13FT 3143.54 CM
HT	EAVG/EMAX	ANGLE: 115.07DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CERTIFICATIONS
DRIVER / LED CHIP
ACCESSORIES

		 <p>60D DIFFUSER - PART#: HBRA7-60D-PMLN-100 90D DIFFUSER - PART#: HBRA7-90D-PMLN-100</p>	 <p>90D ALUMINUM REFLECTOR - PART#: HBRA7-90D-ALRF-100 90D PC REFLECTOR - PART#: HBRA7-90D-PCRF-100</p>	 <p>WIRE GUARD - PART#: HBRA7-WG-100/150 ADJ. YOKE MOUNT BRACKET - PART#: HBRA7-YM-100/150</p>	 <p>MICROWAVE SENSOR - PART#: HBRA7-SENMC-KIT MICROWAVE SENSOR RC - PART#: HBRA7-RC</p>
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ORDERING INFORMATION - HBRA7 SERIES

SERIES	SIZE	STYLE	WATTAGE	VOLTAGE	COLOR TEMP	DIMMABLE	MICROWAVE SENSOR (OPTIONAL)	LENS	ANGLE	FINISH
E.G. HB	R	A7	100	3	5	1	MS	C	W	G
HB - HIGH BAY	R - ROUND	A7 - ARCHITECTURAL	100 = 100W	3 = 347-480V	5= 5000K	1 = 1-10V CONTINUOUS DIMMING	MS - MICROWAVE SENSOR	C - CLEAR	W - WIDE	G - GRAY

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

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