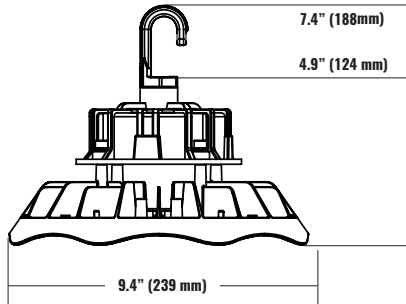


PRODUCT CODE: HBRA7-100341-CW-G

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	151.5 LM/W	15,147LM	4000K	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

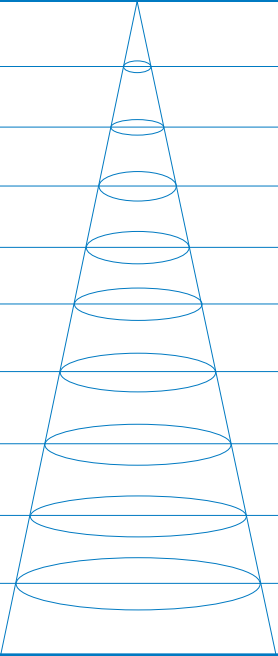
SUSPENSION/YOKE

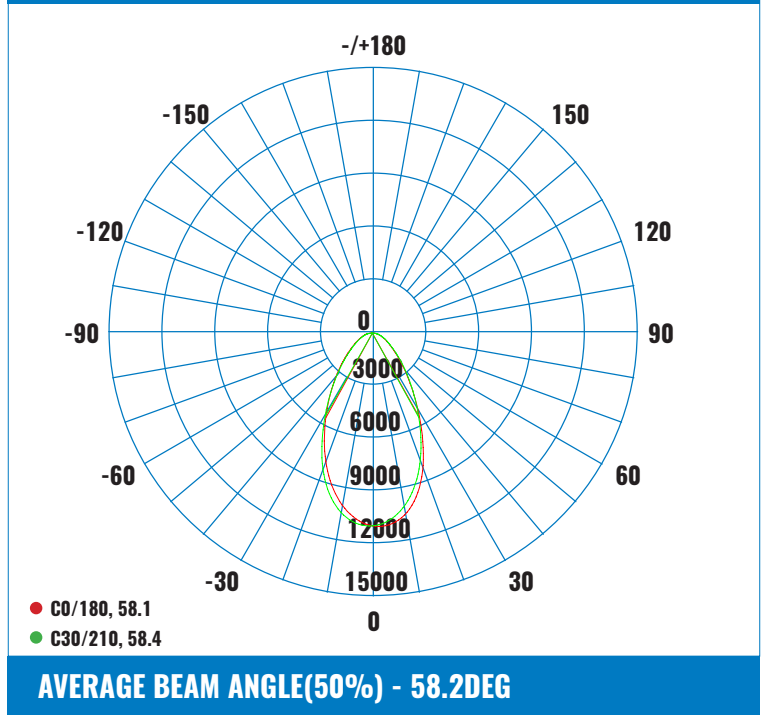
GRAY FINISH

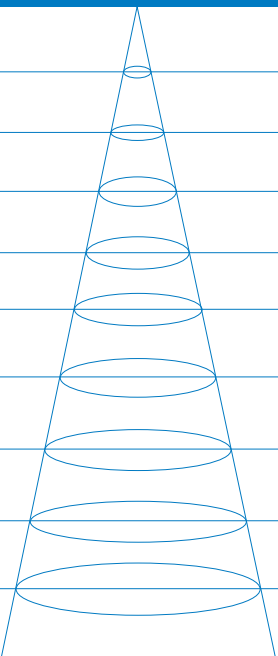
1-10V CONTINUOUS DIMMING

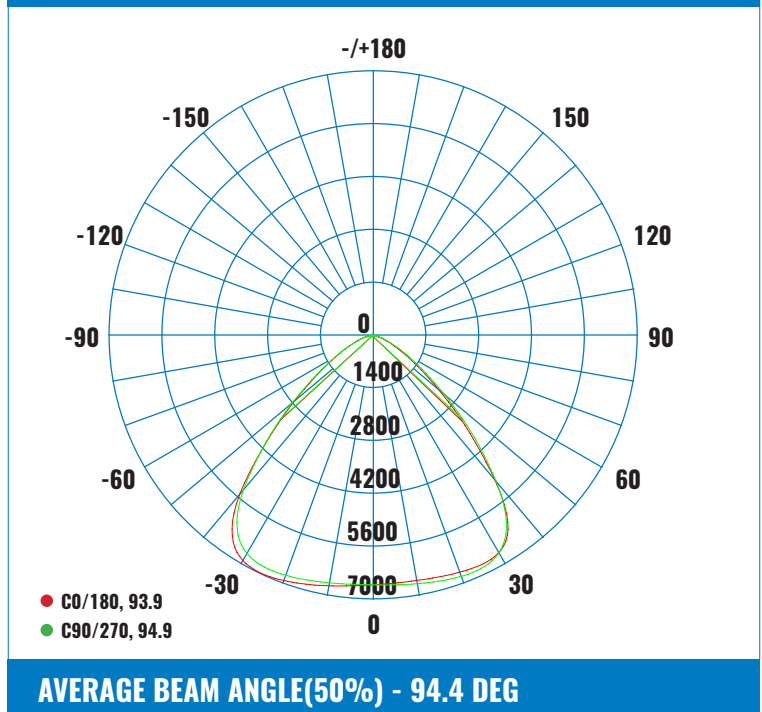
**PRODUCT CODE: HBRA7-100341-CW-G**
**100W LED ARCHITECTURAL HIGH BAY/ROUND**

**LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D PMLN**
**ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 6,682LM**

3.28FT 1M	6381,11175LX		3.65FT 111.11CM
6.56FT 2M	1595,2794LX		7.29FT 222.21CM
9.84FT 3M	709.0,1242LX		10.94FT 333.32CM
13.12FT 4M	398.8,698.4LX		14.58FT 444.43CM
16.40FT 5M	255.2,447.0LX		18.23FT 555.53CM
19.69FT 6M	177.2,310.4LX		21.87FT 666.64CM
22.97FT 7M	130.2,228.1LX		25.52FT 777.75CM
26.25FT 8M	99.70,174.6LX		29.16FT 888.86CM
29.52FT 9M	78.78,138.0LX		32.81FT 999.96CM
32.80FT 10M	63.81,111.8LX		36.45FT 1111.07CM
<b>HT</b>	<b>EAVG/EMAX</b>	<b>ANGLE: 58.11DEG</b>	<b>DIA</b>

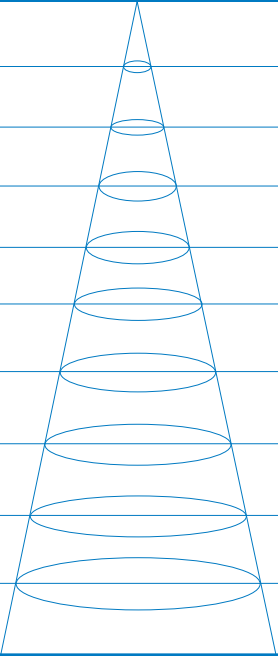
**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**

**LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PMLN**
**ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 11,823LM**

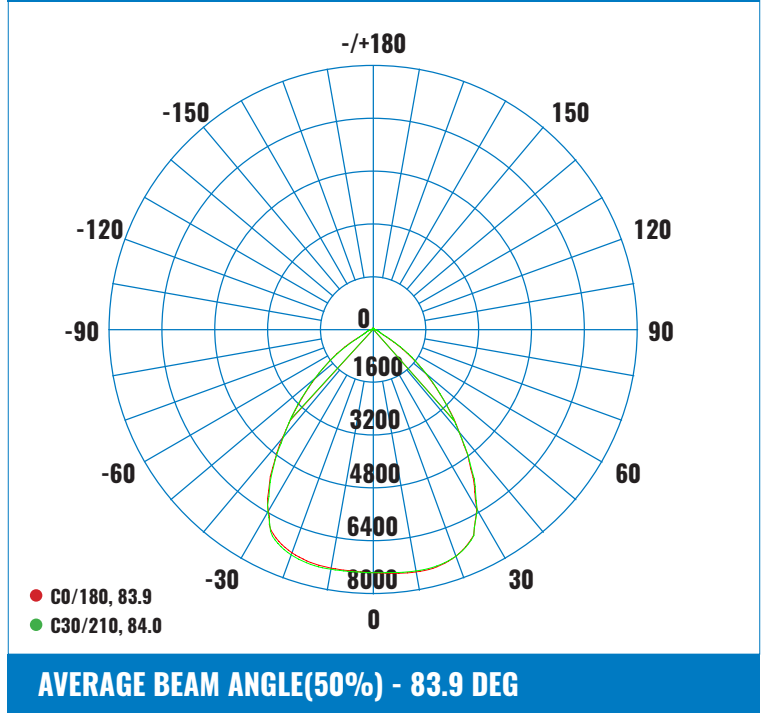
3.28FT 1M	3273,6635LX		7.03FT 214.26CM
6.56FT 2M	818.1,1659LX		14.06FT 428.52CM
9.84FT 3M	363.6,737.3LX		21.09FT 642.77CM
13.12FT 4M	204.5,414.7LX		28.12FT 857.03CM
16.40FT 5M	130.9,265.4LX		35.15FT 1071.29CM
19.69FT 6M	90.91,184.3LX		42.18FT 1285.55CM
22.97FT 7M	66.79,135.4LX		49.20FT 1499.80CM
26.25FT 8M	51.13,103.7LX		56.24FT 1714.06CM
29.52FT 9M	40.40,81.92LX		63.27FT 1928.32CM
32.80FT 10M	32.73,66.35LX		70.29FT 2142.58CM
<b>HT</b>	<b>EAVG/EMAX</b>	<b>ANGLE: 93.94DEG</b>	<b>DIA</b>

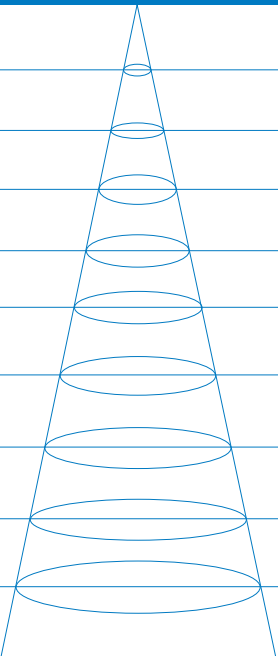
**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**


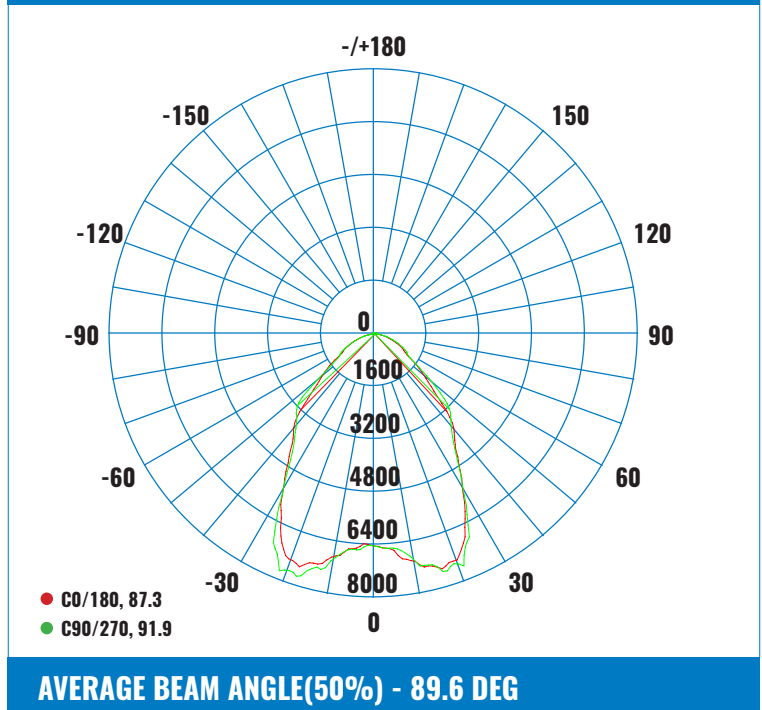
**PRODUCT CODE: HBRA7-100341-CW-G**
**100W LED ARCHITECTURAL HIGH BAY/ROUND**

**LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D ALRF**
**ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9,964LM**

3.28FT 1M	3912,7518LX		5.90FT 179.81 CM
6.56FT 2M	978.0,1880LX		11.80FT 359.62 CM
9.84FT 3M	434.7,835.4LX		17.70FT 539.43 CM
13.12FT 4M	244.5,469.9LX		23.60FT 719.24 CM
16.40FT 5M	156.5,300.7LX		29.50FT 899.05 CM
19.69FT 6M	108.7,208.8LX		35.40FT 1078.86 CM
22.97FT 7M	79.84,153.4LX		41.30FT 1258.67 CM
26.25FT 8M	61.13,117.5LX		47.20FT 1438.48 CM
29.52FT 9M	48.30,92.82LX		53.09FT 1618.29 CM
32.80FT 10M	39.12,75.18LX		59.00FT 1798.10 CM
<b>HT</b>	<b>EAVG/EMAX</b>	<b>ANGLE: 88.91DEG</b>	<b>DIA</b>

**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**

**LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PCRF**
**ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9,716LM**

3.28FT 1M	3316,6942LX		6.25FT 190.57CM
6.56FT 2M	829.1,1735LX		12.50FT 381.14CM
9.84FT 3M	368.5,771.3LX		18.76FT 571.71CM
13.12FT 4M	207.3,433.9LX		25.01FT 762.28CM
16.40FT 5M	132.7,277.7LX		31.26FT 952.85CM
19.69FT 6M	92.12,192.8LX		37.51FT 1143.41CM
22.97FT 7M	67.68,141.7LX		43.77FT 1333.98CM
26.25FT 8M	51.82,108.5LX		50.02FT 1524.55CM
29.52FT 9M	40.94,85.70LX		56.27FT 1715.12CM
32.80FT 10M	33.16,69.42LX		62.52FT 1905.69CM
<b>HT</b>	<b>EAVG/EMAX</b>	<b>ANGLE: 87.23DEG</b>	<b>DIA</b>

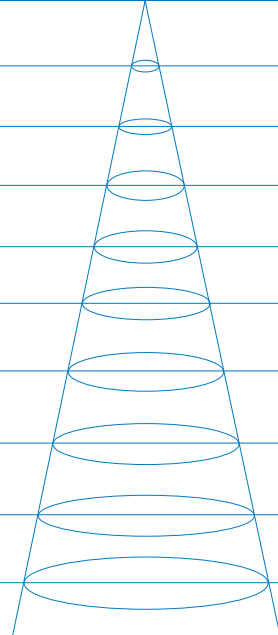
**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**


**PRODUCT CODE: HBRA7-100341-CW-G**

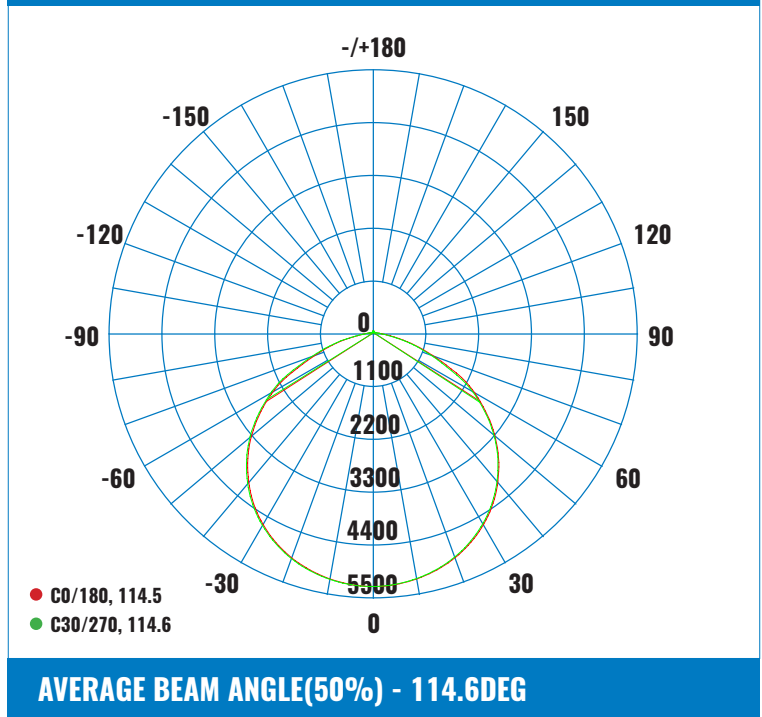
**100W LED ARCHITECTURAL HIGH BAY/ROUND**

**LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D STANDARD**

**ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 11,768LM**

3.28FT 1M	1580,5425LX		10.10FT 307.88 CM
6.56FT 2M	394.9,1356LX		20.20FT 615.76 CM
9.84FT 3M	175.5,602.7LX		30.30FT 923.64 CM
13.12FT 4M	98.73,339.0LX		40.40FT 1231.52 CM
16.40FT 5M	63.19,217.0LX		50.51FT 1539.40 CM
19.69FT 6M	43.88,150.7LX		60.61FT 1847.28 CM
22.97FT 7M	32.24,110.7LX		70.71FT 2155.16 CM
26.25FT 8M	24.68,84.76LX		80.81FT 2463.04 CM
29.52FT 9M	19.50,66.97LX		90.91FT 2770.92 CM
32.80FT 10M	15.80,54.25LX		101.01FT 3078.80 CM
<b>HT</b>	<b>EAVG/EMAX</b>	<b>ANGLE: 113.98DEG</b>	<b>DIA</b>

**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**



**CERTIFICATIONS**

**DRIVER / LED CHIP**

**ACCESSORIES**

		 <p><b>60D DIFFUSER - PART#: HBRA7-60D-PMLN-100</b> <b>90D DIFFUSER - PART#: HBRA7-90D-PMLN-100</b></p>	 <p><b>90D ALUMINUM REFLECTOR - PART#: HBRA7-90D-ALRF-100</b> <b>90D PC REFLECTOR - PART#: HBRA7-90D-PCRF-100</b></p>	 <p><b>WIRE GUARD - PART#: HBRA7-WG-100/150</b> <b>ADJ. YOKE MOUNT BRACKET - PART#: HBRA7-YM-100/150</b></p>	 <p><b>MICROWAVE SENSOR - PART#: HBRA7-SENMC-KIT</b> <b>MICROWAVE SENSOR RC - PART#: HBRA7-RC</b></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	4	1	MS	C	W	G
HB - HIGH BAY	R - ROUND	A7 - ARCHITECTURAL	100 = 100W	3 = 347-480V	4 = 4000K	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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