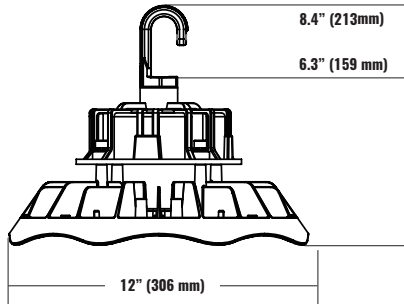


PRODUCT CODE: HBRA7-240U41-CW-G

240W 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	800 CHIPS	156 LM/W	37,437LM	4000K	110°	>80CRI	>91%	AC120V-277V	50-60HZ	>90%	>0.96	<6.61%

PRODUCT SPECIFICATIONS

WATTAGE	FIXTURE MATERIAL	INGRESS PROTECT	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE	
240W	ALUMINUM/PC LENS	IP65	>50,000 HOURS	- 40°C~+70°C - 40°F~+158°F	- 45°C~+45°C - 49°F~+113°F	12 X 12 X 8.4 INCHES (306 X 306 X 213 MM)	14.96 X 14.96 X 8.66 INCHES (380 X 380 X 220 MM)	

ADDITIONAL INFORMATION

INSTALLATION METHOD

SUSPENSION/YOKE

FIXTURE COLOR

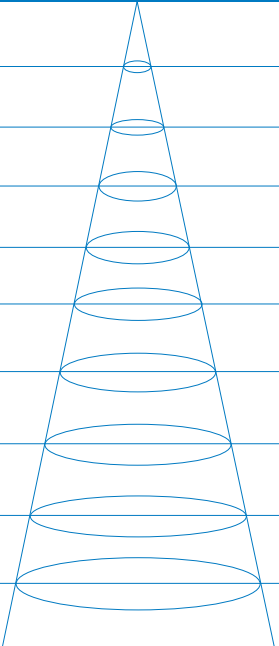
GRAY FINISH

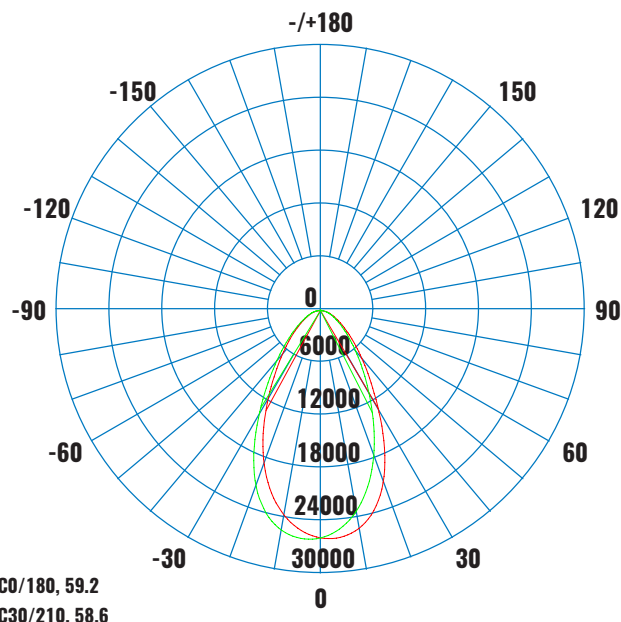
CONTROL TYPE

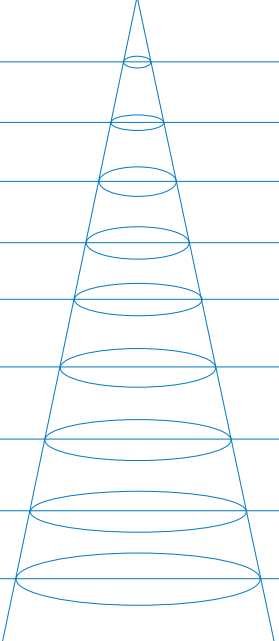
1-10V CONTINUOUS DIMMING

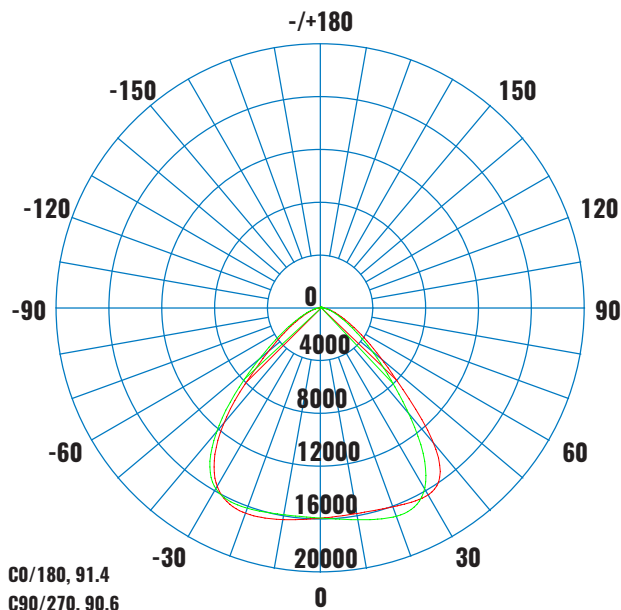
PRODUCT CODE: HBRA7-240U41-CW-G
240W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60D PMLN
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 16,312LM

3.28FT 1M	15576,26452LX		3.66FT 111.66CM
6.56FT 2M	3894,6613LX		7.33FT 223.31CM
9.84FT 3M	1731,2939LX		10.99FT 334.97CM
13.12FT 4M	973.5,1653LX		14.65FT 446.62CM
16.40FT 5M	623.1,1058LX		18.32FT 558.28CM
19.69FT 6M	432.7,734.8LX		21.98FT 669.93CM
22.97FT 7M	317.9,539.8LX		25.64FT 781.59CM
26.25FT 8M	243.4,413.3LX		29.31FT 893.24CM
29.52FT 9M	192.3,326.6LX		32.97FT 1004.90CM
32.80FT 10M	155.8,264.5LX		36.63FT 1116.55CM

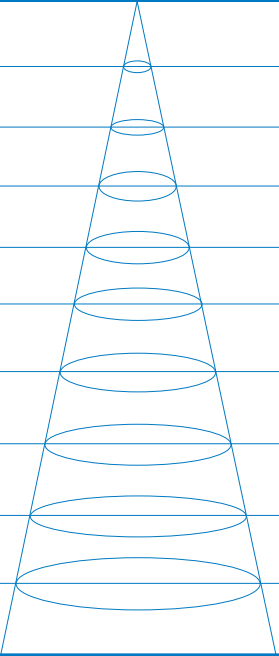
HT
EAVG/EMAX
ANGLE: 58.35DEG
DIA
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 58.9DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PMLN
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 26,652LM

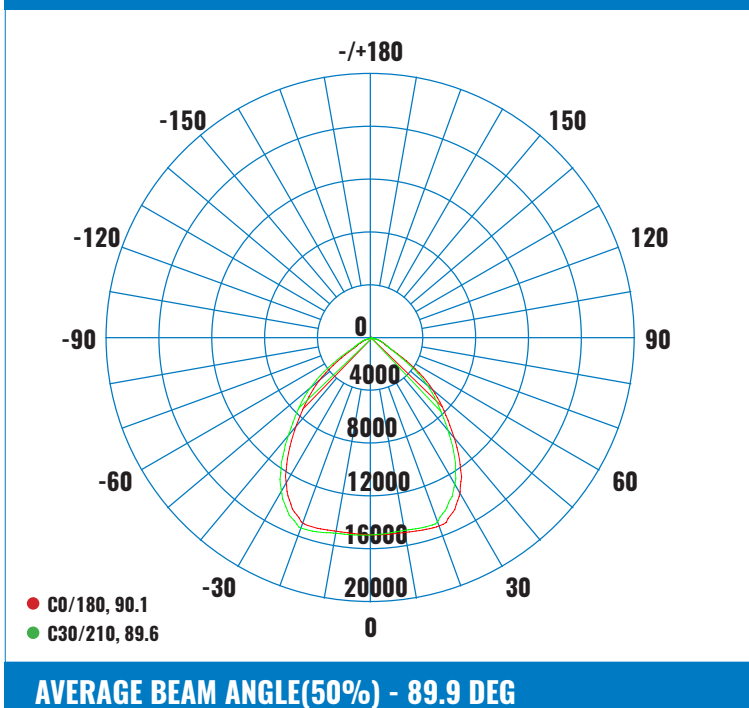
3.28FT 1M	7911,15918LX		6.63FT 201.96CM
6.56FT 2M	1978,3979LX		13.25FT 403.93CM
9.84FT 3M	879.1,1769LX		19.88FT 605.89CM
13.12FT 4M	494.5,994.9LX		26.50FT 807.85CM
16.40FT 5M	316.5,636.7LX		33.13FT 1009.81CM
19.69FT 6M	219.8,442.2LX		39.75FT 1211.78CM
22.97FT 7M	161.5,324.9LX		46.38FT 1413.74CM
26.25FT 8M	123.6,248.7LX		53.00FT 1615.70CM
29.52FT 9M	97.67,186.5LX		59.63FT 1817.66CM
32.80FT 10M	79.11,159.2LX		66.26FT 2019.63CM

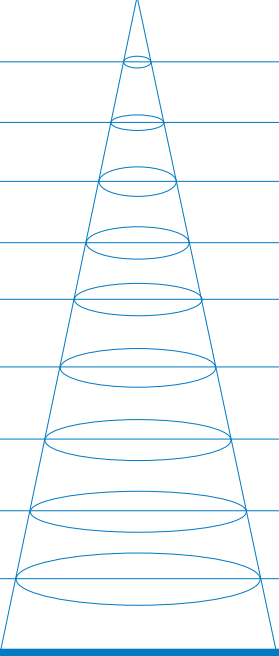
HT
EAVG/EMAX
ANGLE: 90.56DEG
DIA
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.0 DEG

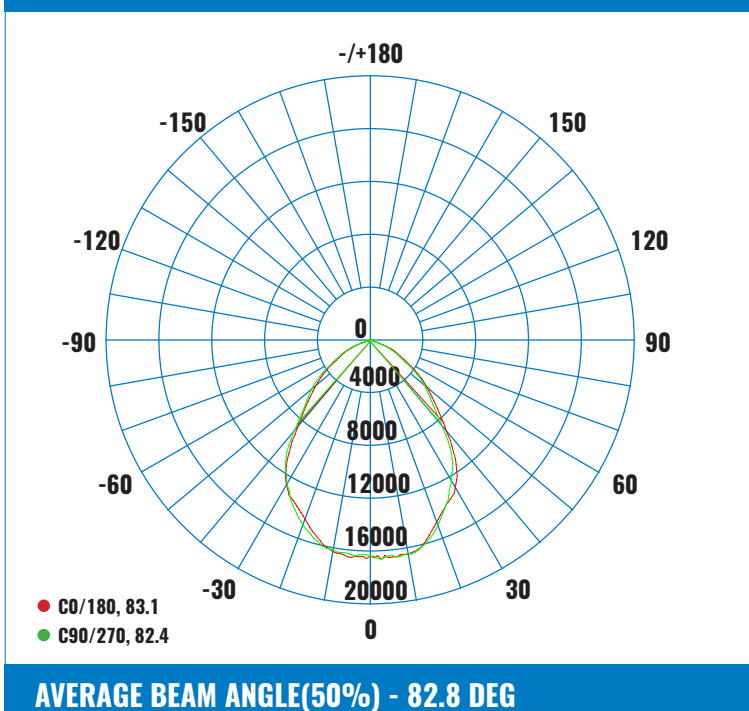
PRODUCT CODE: HBRA7-240U41-CW-G
240W LED ARCHITECTURAL HIGH BAY/ROUND

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D ALRF
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 22,848LM

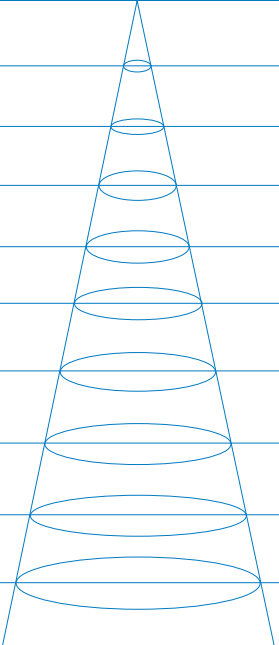
3.28FT 1M	6799,14319LX		6.52FT 198.71 CM
6.56FT 2M	1700,3580LX		13.04FT 397.43 CM
9.84FT 3M	755.4,1591LX		19.56FT 596.14 CM
13.12FT 4M	424.9,894.9LX		26.08FT 794.85 CM
16.40FT 5M	272.0,572.8LX		32.60FT 993.56 CM
19.69FT 6M	188.9,397.7LX		39.12FT 1192.28 CM
22.97FT 7M	138.8,292.2LX		45.64FT 1390.99 CM
26.25FT 8M	106.2,223.7LX		52.16FT 1589.70 CM
29.52FT 9M	83.94,176.8LX		58.67FT 1788.41 CM
32.80FT 10M	67.99,143.2LX		65.19FT 1987.13 CM
HT	EAVG/EMAX	ANGLE: 89.63DEG	DIA

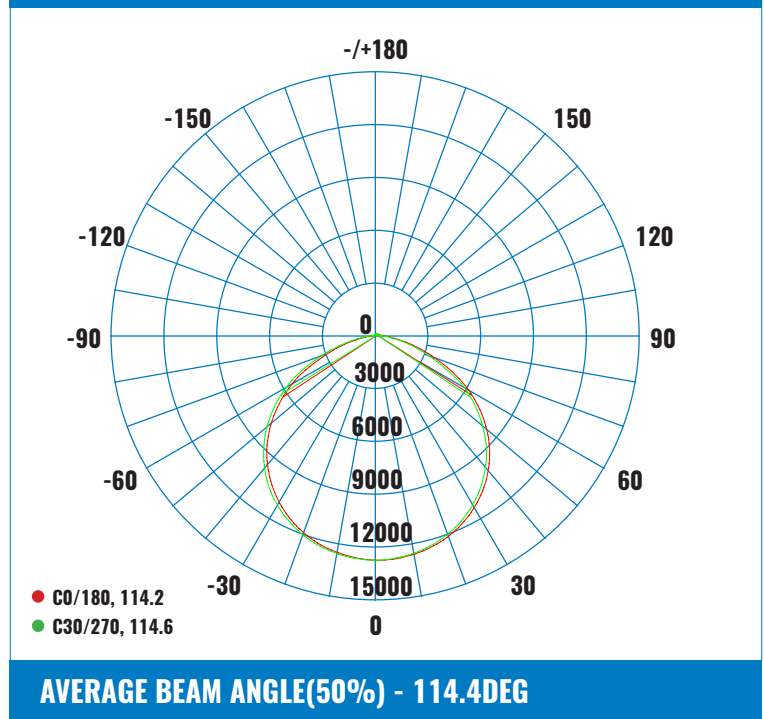
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 90D PCRF
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 20,378LM

3.28FT 1M	8001,16658LX		5.75FT 175.38CM
6.56FT 2M	2000,4164LX		11.51FT 350.75CM
9.84FT 3M	889.0,1851LX		17.26FT 526.13CM
13.12FT 4M	500.0,1041LX		23.02FT 701.51CM
16.40FT 5M	320.0,666.3LX		28.77FT 876.88CM
19.69FT 6M	222.2,462.7LX		34.52FT 1052.26CM
22.97FT 7M	163.3,340.0LX		40.28FT 1227.64CM
26.25FT 8M	125.0,260.3LX		46.03FT 1403.01CM
29.52FT 9M	98.77,205.7LX		51.78FT 1578.39CM
32.80FT 10M	80.01,166.6LX		57.53FT 1753.77CM
HT	EAVG/EMAX	ANGLE: 82.49DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM


PRODUCT CODE: HBRA7-240U41-CW-G
240W LED ARCHITECTURAL HIGH BAY/ROUND
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110D STANDARD
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 27,944LM

3.28FT 1M	3751,12934LX		10.01FT 306.53 CM
6.56FT 2M	937.8,3233LX		20.11FT 613.06 CM
9.84FT 3M	416.8,1437LX		30.17FT 919.59 CM
13.12FT 4M	234.5,808.4LX		40.23FT 1226.13 CM
16.40FT 5M	150.0,517.4LX		50.28FT 1532.66 CM
19.69FT 6M	104.2,359.3LX		60.34FT 1839.19 CM
22.97FT 7M	76.56,264.0LX		70.40FT 2145.72 CM
26.25FT 8M	58.61,202.1LX		80.45FT 2452.25 CM
29.52FT 9M	46.31,159.7LX		90.51FT 2758.78 CM
32.80FT 10M	37.51,129.3LX		100.57FT 3065.32 CM
HT	EAVG/EMAX	ANGLE: 113.75DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CERTIFICATIONS
DRIVER / LED CHIP
ACCESSORIES

    CAN ICES-005 (B) / NMB-005 (B)		 60D DIFFUSER - PART#: HBRA7-60D-PMLN-200/240 90D DIFFUSER - PART#: HBRA7-90D-PMLN-200/240	 90D ALUM REFLECTOR - PART#: HBRA7-90D-ALRF-200/240 90D PC REFLECTOR - PART#: HBRA7-90D-PCRF-200/240	 WIRE GUARD - PART#: HBRA7-WG-200/240 ADJ. YOKE MOUNT BRACKET - PART#: HBRA7-YM-200/240	 MICROWAVE SENSOR - PART#: HBRA7-SENMC-KIT MICROWAVE SENSOR RC - PART#: HBRA7-RC
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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	240	U	4	1	MS	C	W	G
HB - HIGH BAY	R - ROUND	A7 -	240 = 240W	U = 120-277V	4= 4000K	1 = 1-10V	MS -	C - CLEAR	W - WIDE	G - GRAY
		ARCHITECTURAL				CONTINUOUS DIMMING	MICROWAVE SENSOR			

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

Head Office - 1850 Wilson Ave. · Toronto, ON · M9M 1A1 · Tel: 416.741.7336 · Fax: 416.741.9104

Toll Free: in Canada. 1.800.661.9610 · in USA. 1.888.762.5384 (SOCKETS4U)

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