

Product Overview

The HBRA UFO High Bay offers reliable LED illumination for commercial indoor settings with ceiling heights up to 35 feet. An IP65 waterproof-rated housing and an IK09 impact-resistant lens ensure dependable performance in harsher environments, such as warehouses and manufacturing facilities. Sensor-ready with a built-in sensor receptacle, HBRA features 2 readily available motion sensor options.



Key Features

Data is based on the 4000K CCT setting.

Lumens:	HBRA22L 16,000 18,000 22,000 HBRA35L 24,000 30,000 35,000	Voltage:	120-277V
Wattage:	HBRA22L 97 118 150 HBRA35L 148 196 236	Operating Temperature:	-40°C to 50°C (-40°F to 122°F)
LPW:	160	Housing:	Premium powder coat, die cast aluminum
Color Temperature:	4000 5000K	Finish:	Black, white
CRI:	80	Mounting Options:	Suspension from eyebolt (included) is standard
Optics Beam Angle:	Type V	Accessories:	Screw in motion sensor ready. Sensor and remote control sold separately. Remote control used to change factory sensor settings.
Light Source:	LED	Lifespan:	146,000
Dimmable:	0-10V Dimming leads are available for use in the field	Warranty:	5-Yr Limited Warranty
		Ratings and Certifications:	cULus, Wet Location, IP65, IK09, FCC Part 15, Subpart B, Class A

Ordering Information

Refer to the ordering table to select the appropriate options for your application.

Example: HBRA22LT5ULSCTBK

SERIES	LUMENS	OPTICS	VOLTAGE	CCT	FINISH
HBRA	22L 22,000 Lumens 35L 35,000 Lumens	T5 Type V	UL 120-277V	SCT 4000K 5000K	WH White BK Black



Performance Data

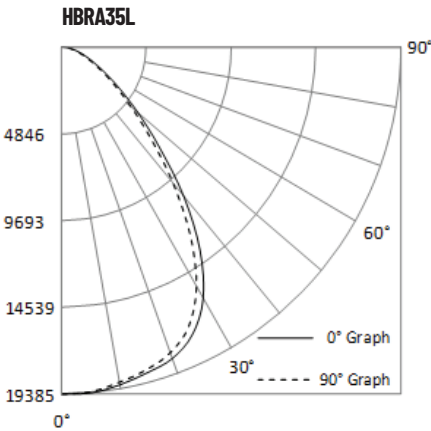
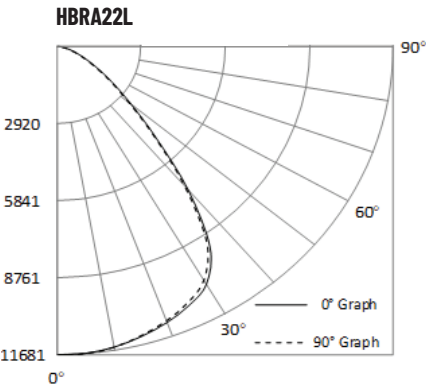
Luminaire Performance							
PRODUCT	OUTPUT SELECTION	POWER (WATTS)	CRI	4000K		5000K	
				LUMENS	EFFICACY	LUMENS	EFFICACY
HBRA22L	Low	97	>80	15,891	168	15,522	161
	Medium	118		18,790	163	18,218	155
	High	150		22,935	156	21,802	145
HBRA35L	Low	148	>80	24,368	167	23,920	161
	Medium	196		30,801	161	29,953	153
	High	236		35,716	156	34,621	147

Electrical Performance					
OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-40°C to 50°C (-40°F to 122°F)	L70>146,000 Hrs.	>0.9 at full load	<20% at full load	0-10V Dimming leads are available for use in the field	6kV

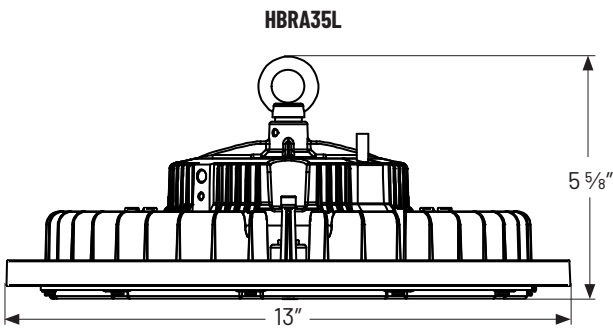
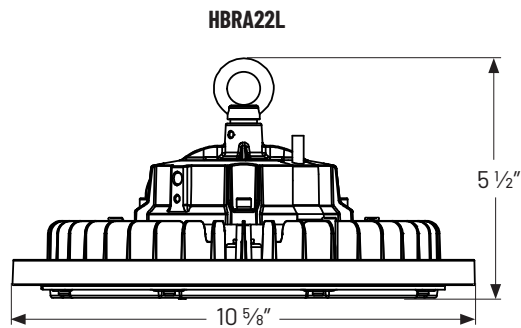
AMP Draw										
HBRA22L	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
	4000K	0.79	0.40	0.34	0.96	0.48	0.42	1.23	0.51	0.53
	5000K	0.81	0.40	0.35	0.98	0.49	0.43	1.25	0.63	0.54
HBRA35L	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
	4000K	1.22	0.61	0.53	1.6	0.8	0.69	1.91	0.95	0.83
	5000K	1.23	0.62	0.53	1.63	0.82	0.71	1.97	0.98	0.85



Photometric Distribution



Line Drawings



Fixture Dimensions

SERIES	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	PRODUCT DIMENSIONS (L x W x H - FRACTIONS ROUNDED UP TO THE NEAREST 1/8")	PRODUCT WEIGHT (LBS.)
HBRA22L	Suspension Mounting: Suspension from eyebolt (included) is standard. Yoke Mounting: Ceiling-mounted installation using optional yoke mounting bracket provides up to 180° of adjustability.	16 to 22 Feet	10 5/8" L x 10 5/8" W x 5 1/2" H	5.41
HBRA35L	Conduit Mounting: Two ways to mount luminaire to electrical conduit: 1. Attach conduit (1/2" NPS) to optional yoke mounting bracket. 2. Optional pendant snap hook (for use with 3/4" NPS).	24 to 35 Feet	13" L x 13" W x 5 5/8" H	8.8



Accessories

	PASSIVE INFRARED SENSOR SKU: HD09VR-PH5-1 USE: Passive infrared motion sensor. Maximum mounting height = 39FT. HD09VR series has 5-dial setting capability. Factory settings for sensor: Detection Area =100% Hold Time = 5 sec Stand-By Period = 0 sec Stand-By Dimming Level = 10% Daylight Threshold = Disabled		MICROWAVE STEP-DIMMING SENSOR SKU: HD09VR-MH5-1 USE: Microwave step-dimming motion sensor. Maximum mounting height = 49FT. HD09VR series has 5-dial setting capability. Factory settings for sensor: Detection Area =100% Hold Time = 5 sec Stand-By Period = 0 sec Stand-By Dimming Level = 10% Daylight Threshold = Disabled
	REMOTE CONTROL SKU: HD05R USE: Remote control for HD09VR-PH5.		

