

THE SATURN

LED HIGH BAY

70W, 90W, 150W & 200W
REPLACES UP TO A 500-WATT METAL HALIDE FIXTURE

PROJECT

CATALOG #

TYPE

- DLC Premium Listed
- Operating Temp: -40°C to +65°C
- 0-10V Dimming Standard
- Expected Life over 100,000 Hours
- Proprietary Die-Cast Aluminum Heatsink
- Up to 496 LED Chips
- US Design Patent: US D831,261 S



HBF Shown With Optional UL Up Light



POWER

Available in 70W, 90W, 150W,
and 200W Configurations

PRECISION

High Chip Density for
Increased Uniformity

ENGINEERING

Die-Cast Aluminum Heatsink for
Maximum Thermal Management

ORDERING INFORMATION

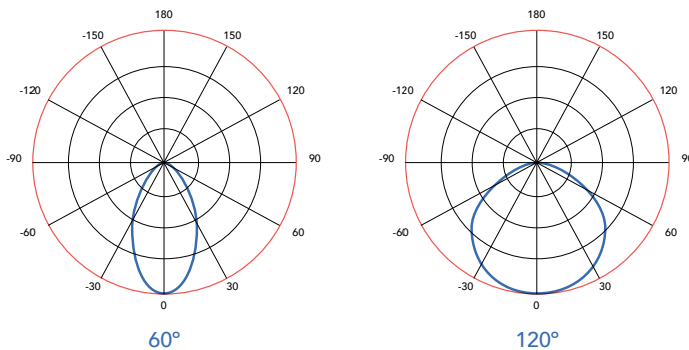
EXAMPLE PART #: HBF - 70 - 35K - 60 - V01 - BL - CM - VDIM - UL

HBF							VDIM		
SERIES	WATTS	CCT	OPTICS	INPUT PWR	FINISH	MOUNTING	DIMMING	OPTIONS	
HBF	70	35K	60	V01 110/277V	BL	CM Eyebolt for Chain/Cable/Hook	VDIM 0-10V Dimmable	OS Occupancy Sensor	
	90	40K	90	V04 347/480V	WT	PM1 Pendant Mount (1/2" NPT)		UL Up Light	
	150	50K	120		RAL	PM2 Pendant Mount (3/4" NPT)		CL Clear Lens	
	200					SM Surface Mount		FL Frosted Lens	
								DL Drop Lens	
								WG Wire Guard	
								NAT Natatorium	
								80C 80 CRI	
								90C 90 CRI	
								SYN Synapse Wireless	

NOTES

- 70 CRI Standard
- Custom RAL Colors Require Additional Costs & Lead Times
- UL, FL & DL Options not DLC QPL Listed
- CM Mounting Standard

OPTICS



LUMEN CHART

	3500K	4000K	5000K
70W	10,000 lm	10,500 lm	11,000 lm
90W	12,500 lm	12,800 lm	13,500 lm
150W	19,900 lm	20,400 lm	21,400 lm
200W	25,400 lm	26,000 lm	27,200 lm

Typical delivered lumen data is approximate. Actual lumens will vary due to installation environment and beam pattern. Please see IES files.

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SPECIFICATIONS

Expected Life | Over 100,000 hrs.

Rating | IP65

Color Rendering Index (CRI) | >70

Operating Temp | -40°C – +65°C

Relative Humidity | 0-90% RH

Power Factor | >98%

Input Line Voltage | 90-305/249-528 VAC

Input Line Frequency | 50/60 Hz

LED Chips | LUMILEDS

Driver | Dimmable 0-10V Standard

Hanging Weight

70W: 8 lbs

90W: 8 lbs

150W: 12.3 lbs

200W: 13.6 lbs

LED Efficiency

- 3500K, 133 lm/w

- 4000K, 149 lm/w

- 5000K, 157 lm/w

Surge Protector | 4kV

LISTINGS

ETL Listed

CE Listed

DLC Premium Listed

MATERIALS

Housing | Die Cast Aluminum

A380 Alloy ADC12

Gasketing | Neoprene Rubber

Hardware | 18-8 Stainless Steel

Finish | Protective UV Stabilized Powdercoat

4000 Hour Salt Spray Tested to ASTM B117

Lens | Pure Cast Acrylic. 4mm Thick

WARRANTIES

See Website for Details

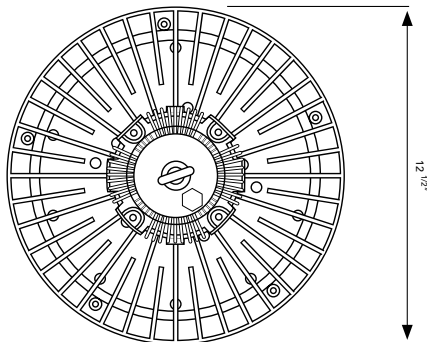
Housing | 10-Year

LED | 10-Year

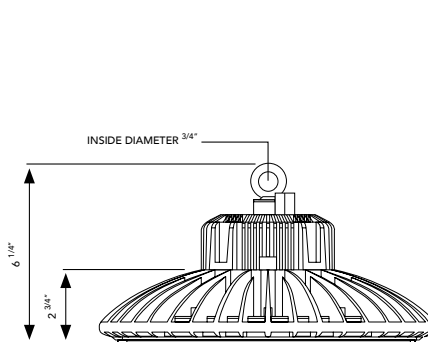
Driver | 7-Year

PRODUCT DRAWINGS

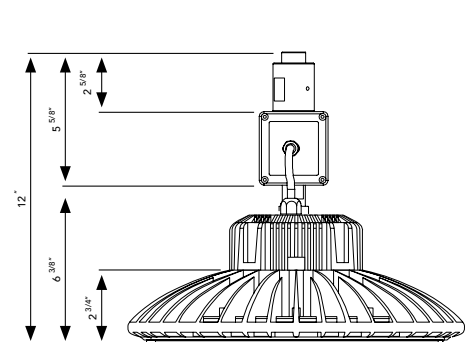
70W & 90W



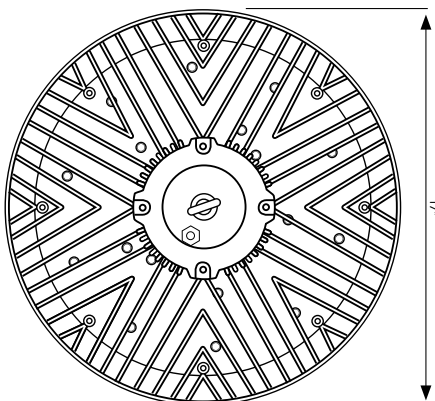
70W & 90W CM Mount



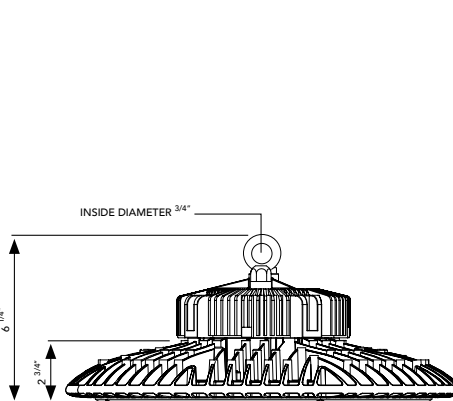
70W & 90W PM1 & PM2 Mount



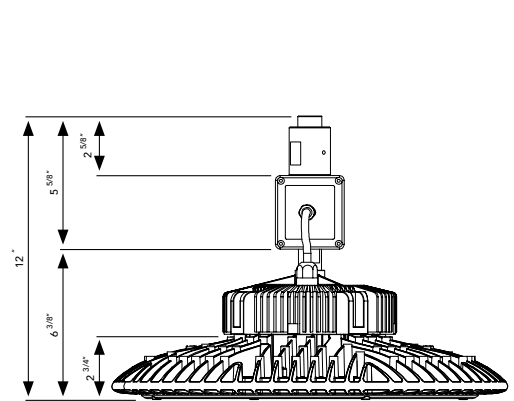
150W & 200W



150W & 200W CM Mount



150W & 200W PM1 & PM2 Mount



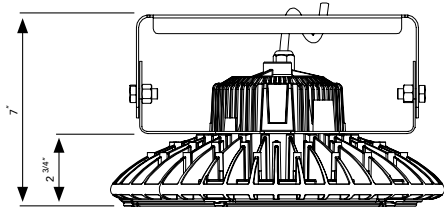
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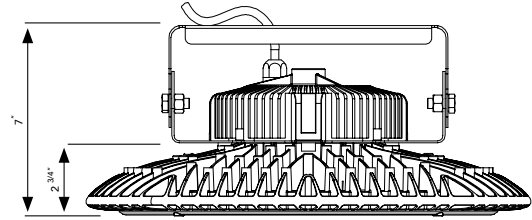
SPECGRADE
LED
PRECISE, HIGH-OUTPUT LIGHTING

PRODUCT DRAWINGS

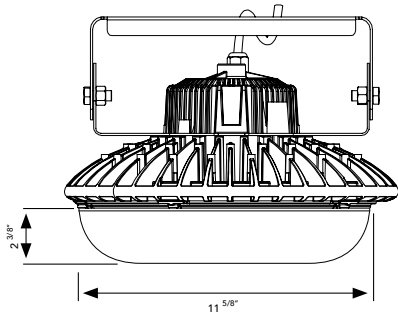
SURFACE MOUNT 70W & 90W



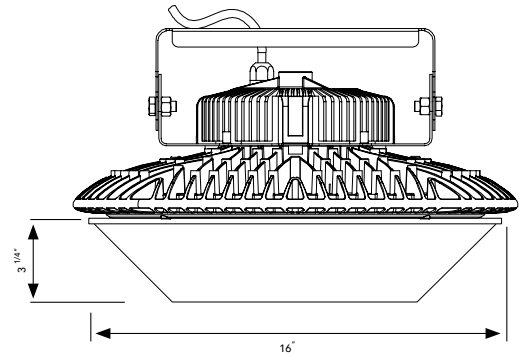
SURFACE MOUNT 150W & 200W



70W-90W Drop Lens



150W-200W Drop Lens



Due to continuous improvement and innovation, product appearance and specifications may change without notice. Actual performance may differ as a result of end-user environment and application.

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