

THE SATURN

LED HIGH BAY

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

- 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

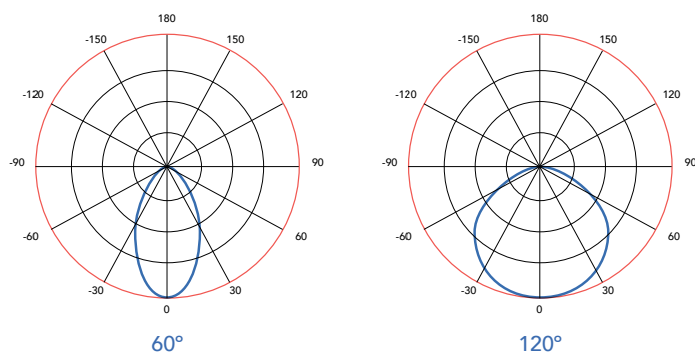
EXAMPLE PART #: HBF - 70 - 35K - 60 - V01 - BL - CM - VDIM - UL

| 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 |
| | | | | | | | | EM Emergency Backup |

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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LED HIGH BAY

SPECIFICATIONS

Expected Life | Over 100,000 hrs.

Rating | IP65

Color Rendering Index (CRI) | >70

Operating Temp | -40°C – +45°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

MATERIALS

Housing | Die Cast Aluminum

A380 Alloy ADC12

Gasketing | Neoprene Rubber

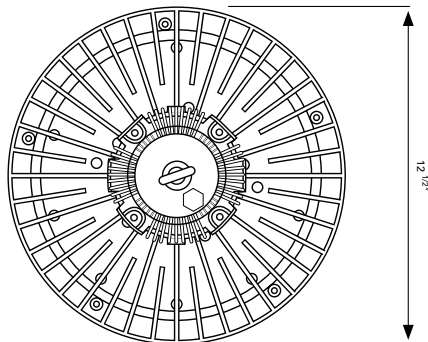
Hardware | 18-8 Stainless Steel

Finish | Protective UV Stabilized Powdercoat
4000 Hour Salt Spray Tested to ASTM B117

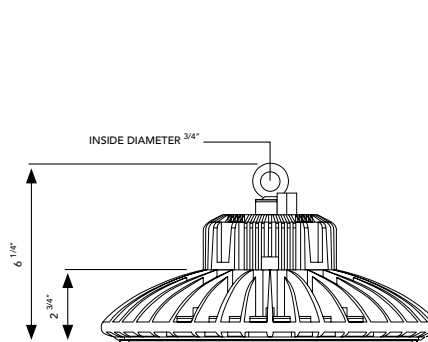
Lens | Pure Cast Acrylic. 4mm Thick

PRODUCT DRAWINGS

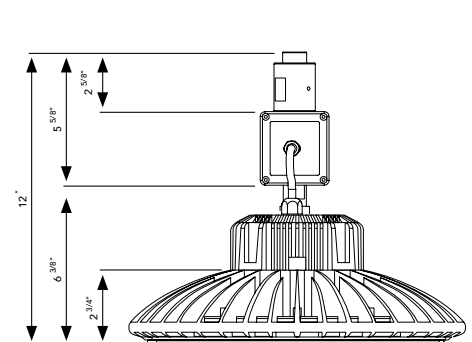
70W & 90W



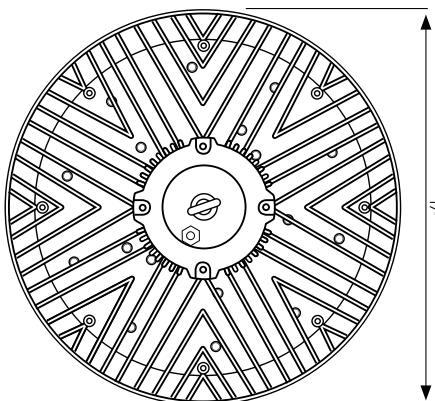
70W & 90W CM Mount



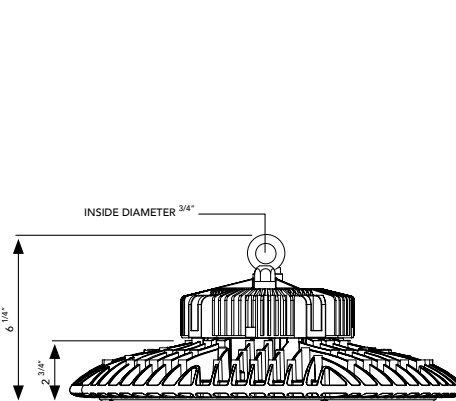
70W & 90W PM1 & PM2 Mount



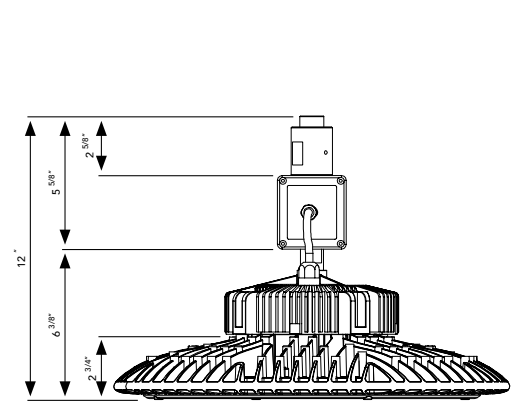
150W & 200W



150W & 200W CM Mount



150W & 200W PM1 & PM2 Mount

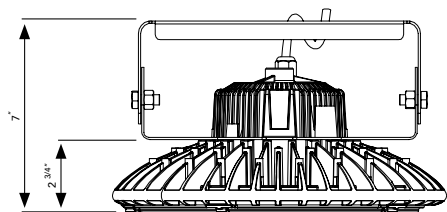


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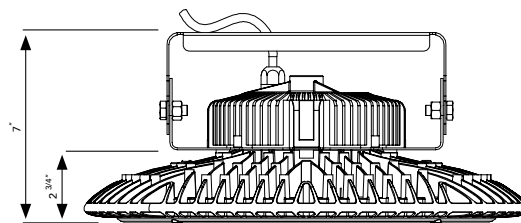
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PRODUCT DRAWINGS

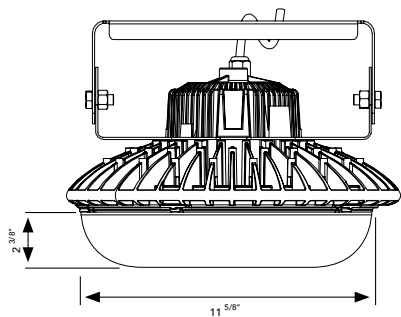
SURFACE MOUNT 70W & 90W



SURFACE MOUNT 150W & 200W



70W-90W Drop Lens



150W-200W Drop Lens

