

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

## BIG BANG HIGH TEMPERATURE HIGH BAY



**The Big Bang High Temp High Bay** raises the bar for extreme high temperature applications. Designed for manufacturing facilities, foundries, steel mills, grain elevators & other applications that have temperatures that exceed 140 degrees Fahrenheit, this high bay has a technologically-advanced heat dissipation design. The Big Bang High Bays utilize high quality Meanwell drivers that are able to operate at an average temperature of 176 degrees F. The pure aluminum die-cast housing provides the highest level of heat dissipation. With several patented optics and reflectors to choose from, along with nearly 140lm/w efficiency, the Big Bang provides exceptional lighting intensity at mounting heights up to 100 feet. These fixtures are designed and warranted to operate with zero maintenance for 10 years or 50,000 hours.

### FEATURES

- For ambient temperature up to 149°F
- System Efficiency – 140 lm/W
- Luminous Flux – up to 105,000 lumens
- Power Supply – MEAN WELL
- LED Type – Philips or Osram
- Input Voltage – 120-277 or 277-480 VAC
- Rebate Eligible – Yes, rebate eligible. Contact for details.
- Warranty – 10 Years or 50,000 Hours Non-Prorated

### APPLICATIONS

- Factories
- Foundries
- Steel mills
- Grain elevators



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## ORDERING INFORMATION

PART NUMBER	SYSTEM WATTS	LUMENS	VOLTAGE	BEAM ANGLE	CCT	LPW	MIN ORDER QTY	US STOCK
ECO-HL-BBHT-400W-HB	400W	56,000	120-277 or 277-480VAC	30°, 60°, Polarized light (T2, T3, T4, T5)	3000K, 4000K, 5000K, 5700K	140	1	No
ECO-HL-BBHT-500W-HB	500W	70,000	120-277 or 277-480VAC	30°, 60°, Polarized light (T2, T3, T4, T5)	3000K, 4000K, 5000K, 5700K	140	1	No
ECO-HL-BBHT-750W-HB	750W	105,000	120-277 or 277-480VAC	30°, 60°, Polarized light (T2, T3, T4, T5)	3000K, 4000K, 5000K, 5700K	140	1	No

## TECHNICAL SPECIFICATIONS

System Efficacy	140 lm/W
Luminous Flux	up to 105,000 lumens
CCTs	3000K/4000K/5000K/5700K
Beam Angles	30°, 60°, Polarized light (T2, T3, T4, T5)
CRI	80+
Input Voltage	120-277 or 277-480VAC
LEDs	Philips or Osram
Power Supply	Mean Well
Power Efficiency	>90%
Power Frequency	50-60 Hz
Power Factor	>0.9
THD	<15%
Certifications	UL , FCC
Environment	IP65 rated, IK08 impact rated
Surge protection	10kV standard; 20kV optional
Lifetime (L70)	100,000 hours
Warranty	10 years or 50,000 hours non-prorated
Operating Temperature	up to 149°F
Mounting Options	M20 Eye-bolt
Dimmable	No
Housing Material	Die-cast aluminum
Options	20kV SPD, Grill shield, PC diffuser, safety chain
Net Luminaire Weight	41.9 lbs (500W model)

\*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

\*IES files provided on request.

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## MOUNTING ACCESSORIES - SOLD SEPARATELY

Safety Chain:



## ACCESSORIES

Symmetrical or Asymmetrical LED modules:



Grill Shield for anti-glare and impact protection:

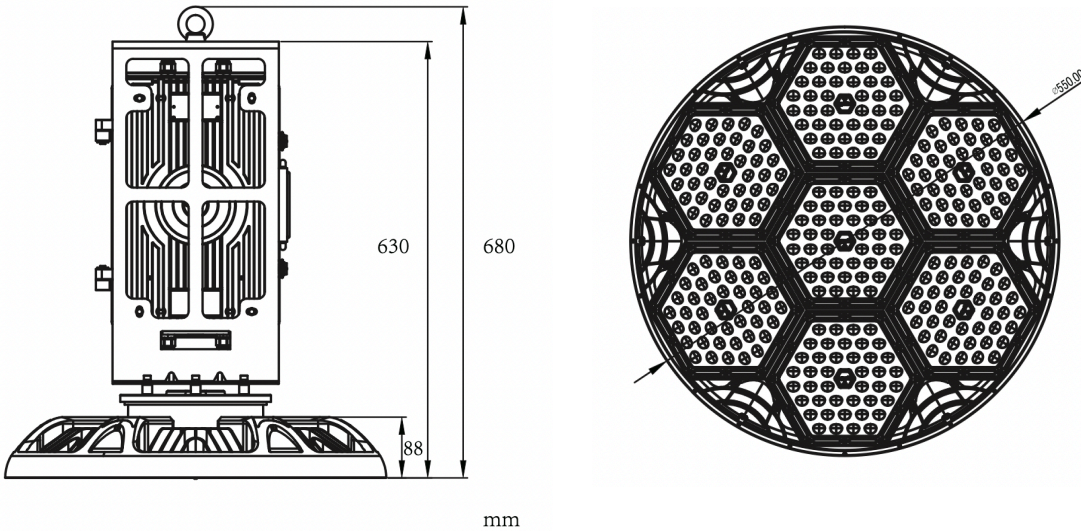


Anti-glare polycarbonate diffuser:



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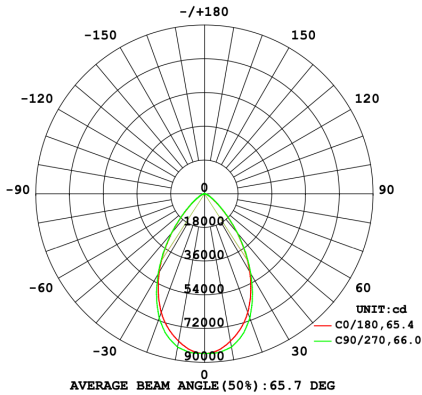
## DIMENSIONS



## PHOTOMETRICS

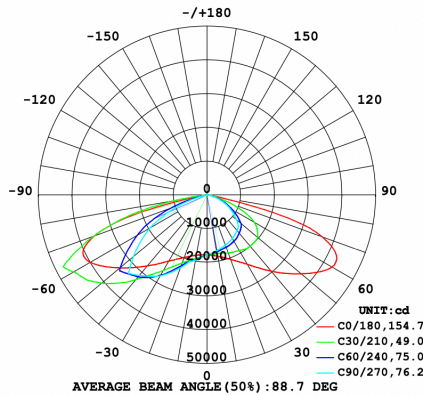
### 750W 60°:

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



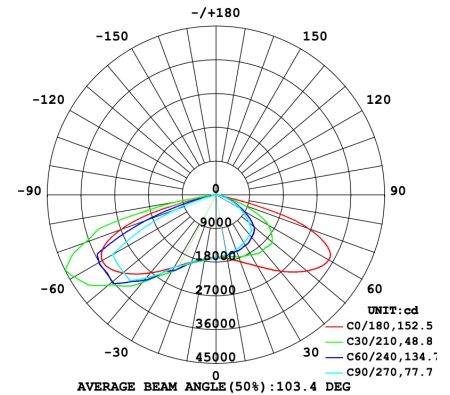
### 750W Type 2:

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



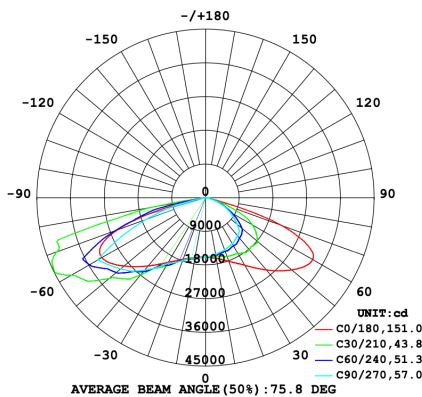
### 750W Type 3:

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



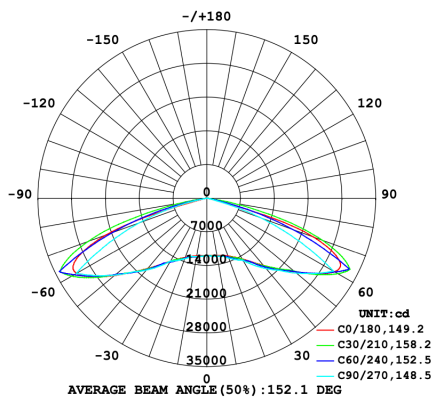
### 750W Type 4:

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



### 750W Type 5:

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



\* All published Luminaire photometric testing performed to ANSI/IES LM-79-19 standards by a NVLAP accredited Laboratory.