BIG SHINE LED
BE BRILLIANT

BLUE 7 LED High Bay

Catalog Number	
Notes	
Type	

DLC LISTED PREMIUM • **ETL Listed Intertek**

DESCRIPTION

Cold forging heat sink with excellent thermal conductivity and larger heat dissipation area for optimum heat dissipation. Designed for extreme high temperate. Back cover plate and vertical cooling ribs prevent dust deposits. Modular design to meet different power requirements.

FEATURES

• Operation temperature up to 158°F
• Wattage range from 100W to 400W, modular high bay
• Luminous efficiency up to 160lm/W
• IP66, IK08

APPLICATION

• Designed for high temperatures
• Heavy industrial plants
• Steel mills, paper mills, breweries, roasting plants
• Other manufacturing plants

TECHNICAL SPECIFICATIONS	
Model Number	BL7-100
Power Consumption (±5%)	100W (per module)
Power Supply	SOSEN
Input Voltage	100-277/277-480 VAC, 50 / 60 Hz
Power Factor	>0.9
Surge Protection	6kV line-line, 10kV line-earth
Driver Type	Constant Current (CC)
Control	N/A

OPTIC SPECIFICATIONS	
LED Type	LED 5050
Luminous Flux (±10%)	16000lm
Efficacy (5000K Ra70)	160lm/W
Correlated Color Temperature	4000K, 5000K
Color Rendering Index	Ra70
Beam Angle	60°, 120°
UGR level	<19

| MOUNTING AND PRODUCT DIMENSIONS	
Product Dimension	8.66"×17.13"
Luminaire Net Weight	8.95±0.66 lbs
Export Carton Size	18.11" × 11.81" × 12"
Gross Weight	10.8±0.66 lbs
Mounting Option	Loop Hanging, single/twin/triple/quad mount
Material	Aluminum Alloy
	Polycarbonate Optical Lens / Tempered Glass
Finish	Powder Coating
Fixture Color	Black
EPA	N/A
IK Rating	IK08
IP Rating	IP66

LIFESPAN AND WARRANTY	
Operating Temperature	-22°F to 158°F
Life Time of LED @Ta=25°C	70,000 hrs - L90
	100,000 hrs - L80
	100,000 hrs - L70
Warranty	5 Years

SAFETY CERTIFICATIONS	
Luminaires (UL 1598:2021 Ed.5)	
Luminaires (CSA C22.2#250.0:2021 Ed.5)	

PHOTOMETRY
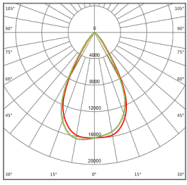
100W 60° Beam Angle

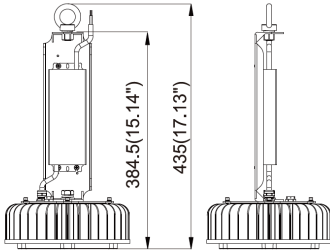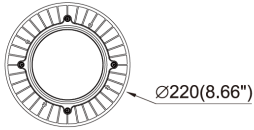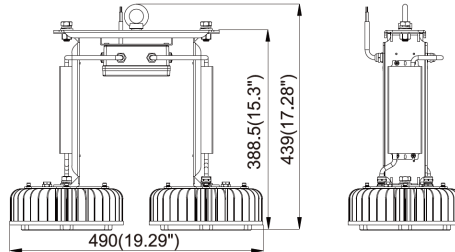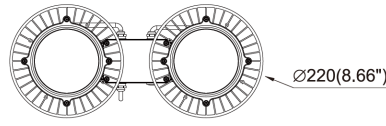## MOUNTING OPTIONS

Single

Double

Triple

Quad

DIMENSIONS (unit:mm)

∅220(8.66")

384.5(15.14")
435(17.13")

One Module

∅220(8.66")

388.5(15.3")
439(17.28")

490(19.29")

Two Modules

∅220(8.66")

388.5(15.3")
439(17.28")

488.5(19.23")

452.5(17.81")

Three Modules

∅220(8.66")

388.5(15.3")
439(17.28")

488.7(19.24")

488.7(19.24")
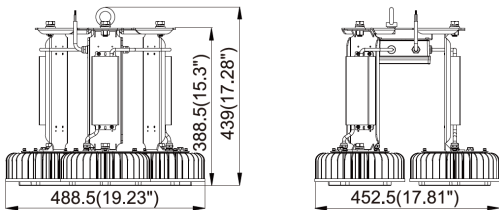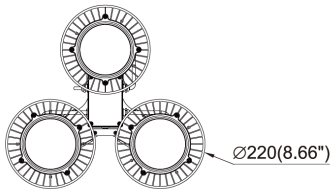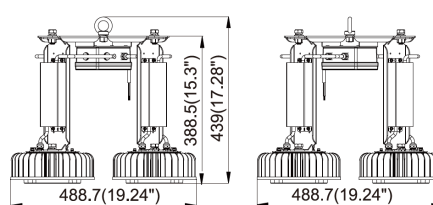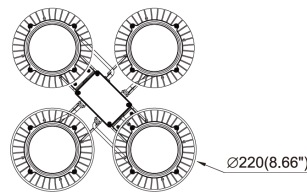
Four Modules

ACCESSORIES & Mounting Hardware

Double-Mount Bracket Kit for 200W Fixture

Triple-Mount Bracket Kit for 300W Fixture

Quad-Mount Bracket Kit for 400W Fixture

Safety chain
304 stainless steel, available in multiple lengths.

ORDERING INFORMATION

BL7						
Series	**Wattage & Lumen Output**	**Voltage**	**Correlated Color Temperature (CCT)**	**Beam Angle**	**Mounting Option**	**Finish Color**
BL7 (Blue 7 LED High Bay)	**100** (100W, 16000lm) **200** (200W, 32000lm) **300** (300W, 48000lm) **400** (400W, 64000lm)	**MV** (100-277V, 50/60Hz) **HV** (277-480V, 50/60Hz)	**40K** (4000K) **50K** (5000K)	**60D** (60°) **120D** (120°)	**SH** (Single Hook Mount) **TM** (Twin Mount) **TRM** (Triple Mount)	**BK** (Black)

Accessories
SC (Safety Chain)
EMB (Battery Back-up)