



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
- Type V distribution
- Reflector is available as an accessory

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
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

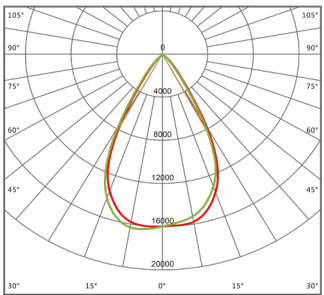
LIFESPAN AND WARRANTY

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



Hook mount-Single



Hook mount-Twin



Hook mount-Triple

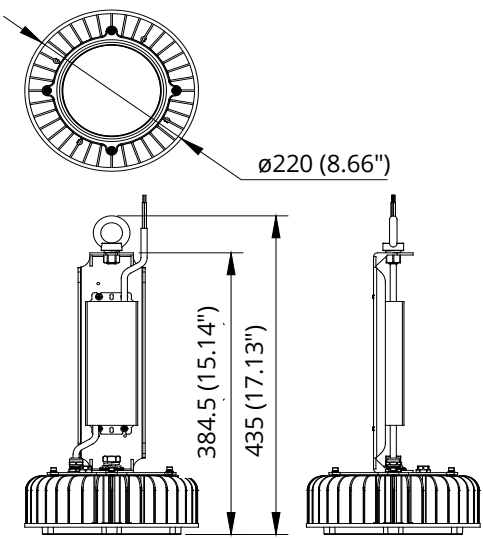


Hook mount-Quad

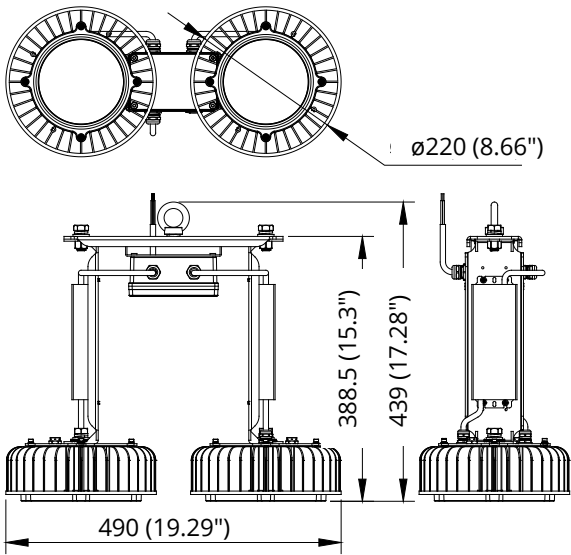
Dimensions

Unit: mm

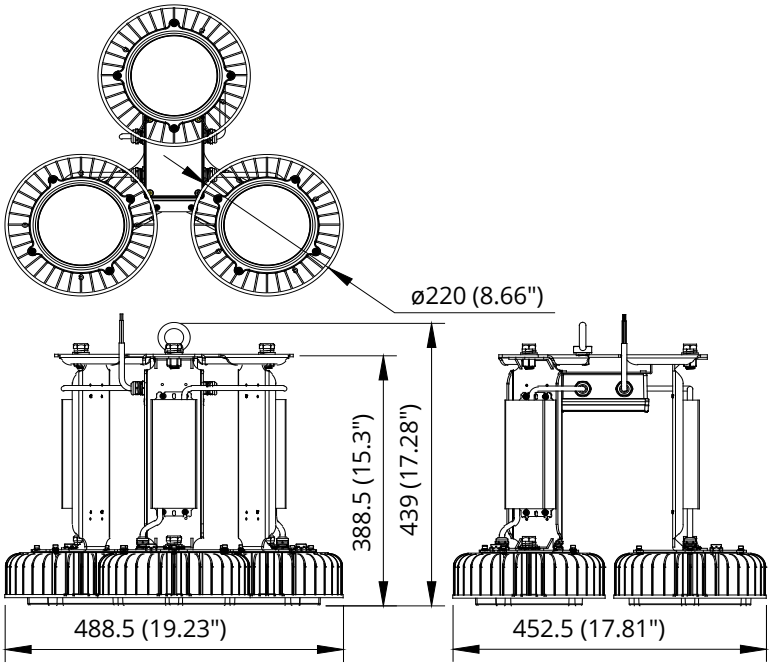
Single Module 100W



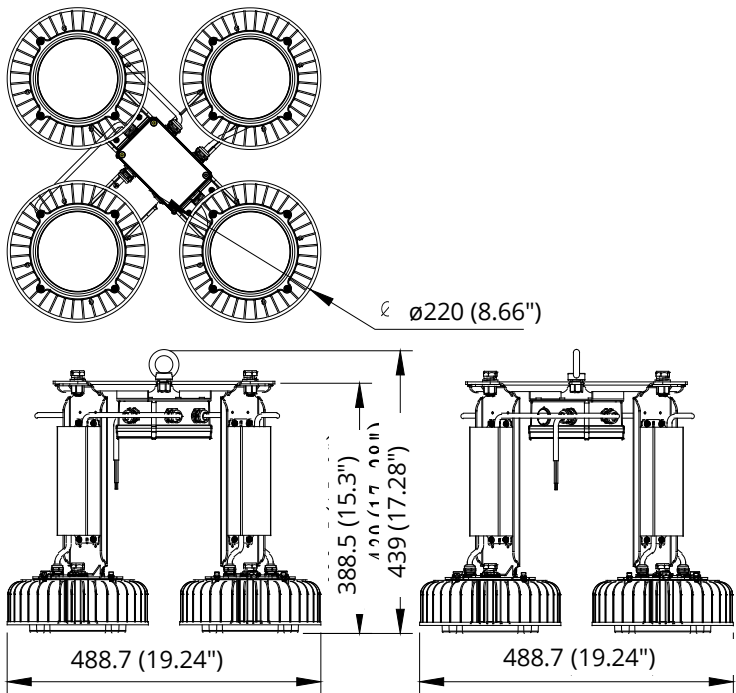
Two Modules 200W



Three Modules 300W



Four Modules 400W



ACCESSORIES



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.

Big Shine LED
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