IQL

SMARTER LIGHTING SOLUTIONS

CE RoHS SAA

Electrical Information

Model No.	SATHT--100
Power Consumption(±5%)	100W PER MODULE
Power Supply	SOSEN
Input Voltage	100-240 VAC , 50 / 60 Hz
Power Factor	>0.9
Surge Protection	6kV line-line, 10kV line-earth
Driver Type	Constant Current (CC)
Control	/

Optic Information

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

Description

Cold forging heat sink with excellent thermal conductivity and larger heat dissipation area for optimum heat dissipation. Up to 70°C ambient temperature, Satellite HT is specially designed for ultra-high - temperature circumstances. Back cover plate and vertical cooling ribs prevent dust deposits. Modular design to meet different power requirements, satellite HT is a brilliant design for different applications from high-temperature conditions to ordinary industrial workshops.

Key Features

• Operation temperature up to 70°C
• Wattage range from 100W to 400W, 1 and 4 modulars for different power requirement.
• Luminous efficiency up to 160lm/W
• IP66, IK08
• Type V distribution
• 100-240VAC
• Reflector is available as accessory

Dimentions and Mount

Product Dimension	Φ220×435mm
Luminaire Net Weight	4.06±0.3kg
Export Carton Size	460×300×305mm
Gross Weight	4.9±0.3kg
Mounting Option	Loop Hanging, single/twin/triple/quad mount
Material	Aluminum Alloy
	Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	Black
EPA	NA
IK Rating	IK08
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30℃ to + 70℃
Life Time of LED @Ta=25°C	70,000hrs-L90
	100,000hrs-L80
	100,000hrs-L70
Warranty	5 Years

Applications

• Designed for Extreme Temperatures
• Heavy industrial plants
• Steel Mills, Paper Plants, Glass Plants and other manufacturing facilities

New Features

Please consult us for details.

Photometry

100W beam angle
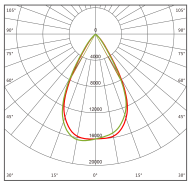
60D

Mounting Options
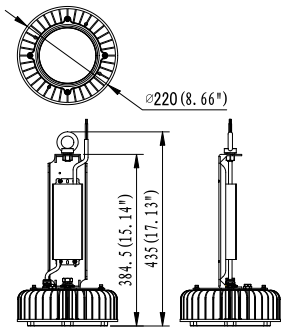

Loop mount-Single
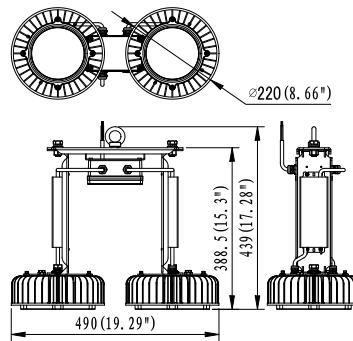

Loop mount-Twin

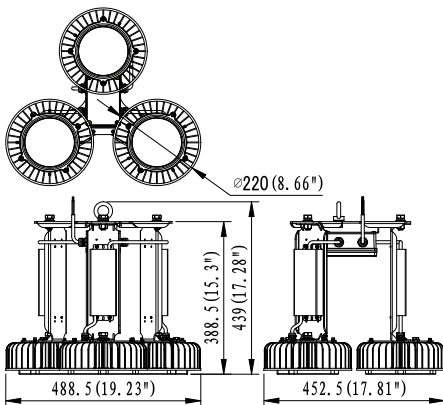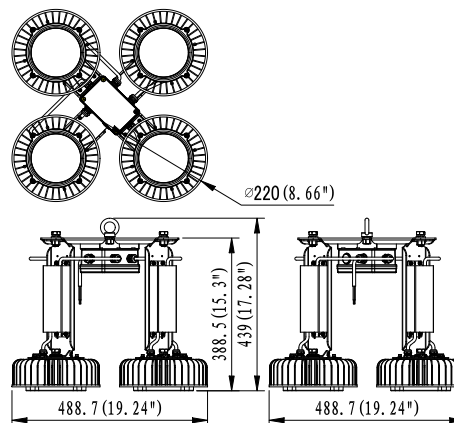Loop mount-Triple

Loop mount-Quad

Dimensions

Unit: mm

One single Module 100W

∅220 (8.66")

384.5 (15.14")
435 (17.13")

Two Modules   200W

∅220 (8.66")

388.5 (15.3")
439 (17.28")

490 (19.29")

Three Modules   300W

∅220 (8.66")

388.5 (15.3")
439 (17.28")

488.5 (19.23")
452.5 (17.81")

Four Modules   400W

∅220 (8.66")

388.5 (15.3")
439 (17.28")

488.7 (19.24")
488.7 (19.24")

Accessories

a,
Twin-mount Bracket Kit for 200W

Code: A

b,
Triple-Mount Bracket Kit for 300W

Code: B

c,
Quad-Mount Bracket Kit for 400W

Code: C

Safety chain
304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long. 8# rigging key ring.

Code: SC

Packing list of accessory, abc

Packing list	Net Weight	Gross Weight	Export Carton Size
A - Twin-mount Bracket Kit for 200W (10pcs/CTN)	18.4±0.3kg	20.55±0.3kg	585×350×230mm
B - Triple-Mount Bracket Kit for 300W (4pcs/CTN)	9.67±0.3kg	12.27±0.3kg	645×370×240mm
C Quad-Mount Bracket Kit for 400W (4pcs/CTN)	12.57±0.3kg	15.45±0.3kg	735×370×240mm