



50W JUNCTION BOX CORROSION RESISTANT SERIES

DESCRIPTION

The 50-Watt All-In-One Junction Box LED Light is IP-68/IP69K rated and UL1598a rated for wet locations. Designed to fight against acid mist environments, the 50W is engineered with a plastic tri-coated aluminum housing.

Features and Benefits:

- Protective Coating Eliminates Corrosion in High-Risk Environments
- All-In-One Junction Box and LED Light Fixture
- Battery Back Up Version Available
- UL Certified, IP-68/IP69K Rating, UL 1598a Certified

SPECIFICATIONS

MECHANICAL:

Fixture Weight:	8 lbs (3.8kg)
Shipping Weight:	10 lbs (4.5kg)
Mounting:	(6) 3/4" NPT - SIDES

TECHNICAL:

LED:	MHB-B(CREE)
Lumens:	7,000 lm
Beam Pattern:	180°
Wattage:	50W
Amp Draw:	0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC
Color Temperature:	5000 Kelvin
Operating Voltage:	90-305V AC 127-431V DC
Operating Temp:	-40°C ~ 60°C
Lifespan:	50,000 hrs
Frequency:	47-63Hz
THD:	<20% (@load≥50% 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Polarity:	Reverse Polarity Protection

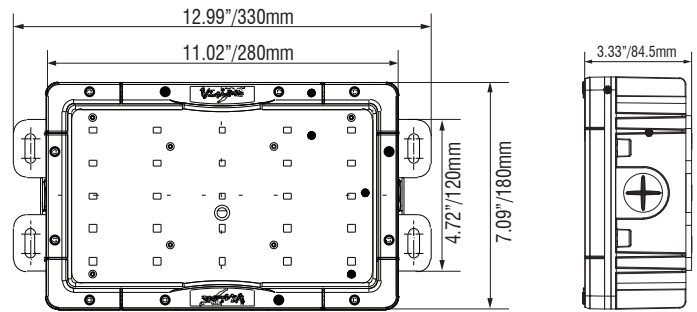
CONSTRUCTION:

Housing:	Plastic Tri-Coated Aluminum
Finish:	Gloss Yellow
Lens:	Polycarbonate Lens
Battery Back-Up:	Available



PART #:	BEAM PATTERN
LSY0225180QC	180° Ultra Wide Flood
LSY033060QC	60°
LSY033090QC	90°

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level (surge 2KV), criteria A
Ingress Protection:	IP-68, IP69k
UL 1598A Marine:	✓
Vibration Rating:	15.6 Grms
Warranty:	5 Years