



50W JUNCTION BOX SERIES

ULTRA WIDE FLOOD

DESCRIPTION

Designed to outshine and outlast the competition, the Walkway Lighting fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Failsafe Redundant Circuit Design that allow the fixture to function even if half of the light should fail in extreme conditions.

Features and Benefits:

- All In One LED Light and Junction Box
- Built-in Battery Backup System Available
- 180° Ultra Wide Flood Beam Pattern
- UL Certified, IP-68/IP69K Rating, UL 1598A Marine

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:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens
Battery Back-Up:	Version Available



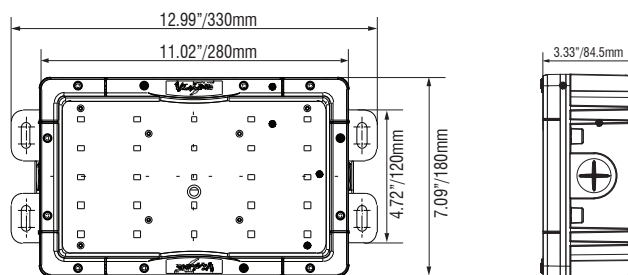
PART #:

BEAM PATTERN

TRUNNION

LSG0225180	180° Ultra Wide Flood	-
LGB0225180 (Battery Backup)	180° Ultra Wide Flood	-
LSG0225180STR	180° Ultra Wide Flood	Stainless Steel
LGB0225180STR (Battery Backup)	180° Ultra Wide Flood	Stainless Steel
LSG0225180TR	180° Ultra Wide Flood	Standard
LGB0225180TR (Battery Backup)	180° Ultra Wide Flood	Standard

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



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BRACKETS | ACCESSORIES



Standard Trunnion Bracket



Stainless Steel Trunnion Bracket

PART #:	BEAM PATTERN
LSG033010TR	10°
LSG033025TR	25°
LSG033040TR	40°
LSG033060TR	60°
LSG033090TR	90°
LSG0225180TR	180°

PART #:	BEAM PATTERN
LSG033010STR	10°
LSG033025STR	25°
LSG033040STR	40°
LSG033060STR	60°
LSG033090STR	90°
LSG0225180STR	180°

HARDWARE:



10' QUICK CONNECT WIRE
Part# : LAYUBC1M



3/4" JUNCTION BOX QUICK CONNECT
Part# : ****



110V AC PLUG
Part# : ****



240-277V AC TWIST LOCK PLUG
Part# : ****



WALL PACK MOUNT KIT
Part# : LSG0225180WP



PENDANT MOUNT HOOK
Part# : LUC-PM



DUSK/DAWN SENSOR
Part# : LUC-DTD



3/4" ADJUSTABLE SWIVEL
Part# : ****



SLIP FITTING
Part# :
2" Diameter : LUC-S2
2.5" Diameter : LUC-S2.5
3" Diameter : LUC-S2.5