



50W JUNCTION BOX SERIES

ULTRA WIDE FLOOD

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
Dimming Status:	Dimmable

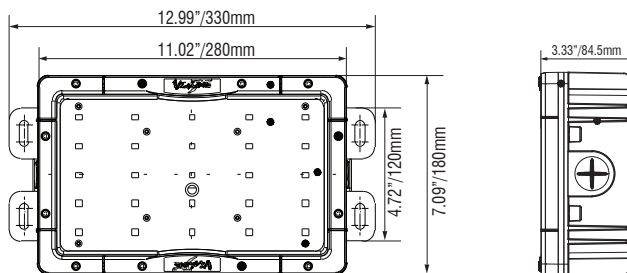
CONSTRUCTION:

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	-
LBG0225180 (Battery Backup)	180° Ultra Wide Flood	-
LSG0225180STR	180° Ultra Wide Flood	Stainless Steel
LBG0225180STR (Battery Backup)	180° Ultra Wide Flood	Stainless Steel
LSG0225180TR	180° Ultra Wide Flood	Standard
LBG0225180TR (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



50W JUNCTION BOX SERIES

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