



# 50W JUNCTION BOX SERIES

## 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
- Reverse Polarity Protection
- UL Certified, IP-68/IP69K Rating, UL 1598A Marine

## SPECIFICATIONS

### MECHANICAL:

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

### TECHNICAL:

<b>LED:</b>	MHB-B(CREE)
<b>Lumens:</b>	6,000 lm
<b>Beam Pattern:</b>	180°
<b>Wattage:</b>	50W
<b>Amp Draw:</b>	0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC
<b>Color Temperature:</b>	5000 Kelvin
<b>Operating Voltage:</b>	90-305V AC   127-431V DC
<b>Operating Temp:</b>	-40°C ~ 60°C
<b>Lifespan:</b>	50,000 hrs
<b>Frequency:</b>	47-63Hz
<b>THD:</b>	<20% (@load≥50% 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Polarity:</b>	Reverse Polarity Protection

### CONSTRUCTION:

<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens
<b>Battery Back-Up:</b>	Version Available

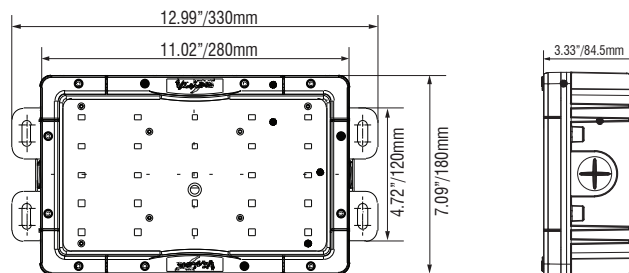


### PART #:

### BEAM PATTERN

<b>LSG033010</b>	10°
<b>LSG033025</b>	25°
<b>LSG033040</b>	40°
<b>LSG033060</b>	60°
<b>LSG033090</b>	90°

### 2D DRAWING:



### RATINGS:

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



**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