



1 FOOT LINEAR SERIES

DESCRIPTION

Designed to outshine and outlast the competition, this linear luminaire 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:

- Fluorescent Tube Replacement
- 180° Ultra Wide Flood Beam Pattern
- Die-Cast 6061 Aluminum Housing
- UL and DLC Certified, IP-67 Rated for Damp Locations

SPECIFICATIONS

MECHANICAL:

| | |
|-------------------------|------------------------|
| Fixture Weight: | 4.2 lbs (2kg) |
| Shipping Weight: | 6.13 lbs (2.7kg) |
| Mounting: | 3/4" NPT Quick Connect |

TECHNICAL:

| | |
|---------------------------|--|
| LED: | MHB-B(CREE) |
| Lumens: | 4,000 lm |
| Beam Pattern: | 180° |
| Wattage: | 30W |
| Amp Draw: | 0.25A @ 120VAC 0.14A @ 220VAC |
| Color Temperature: | 5000 Kelvin |
| Operating Voltage: | 90-305V AC 127-300V DC |
| Operating Temp: | -40°C ~ 40°C |
| Lifespan: | 50,000 hrs |
| Frequency: | 47-63Hz |
| THD: | < 20% (@load≥75% /100-277VAC) |
| Power Factor: | ≥ 0.98/120VAC ≥ 0.96/220VAC |
| 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 |

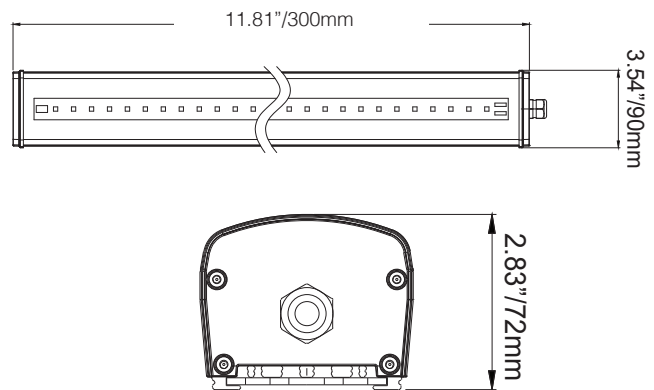


PART #:

BEAM PATTERN

| | | |
|------------------------|----------------------------------|-----------------------|
| LLG0212180F | | 180° Ultra Wide Flood |
| LLG0212180FSRQC | Stainless Steel w/ Quick Connect | 180° Ultra Wide Flood |
| LAYUC2M | 6' 6" Quick Connect Cable | - |

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-67 Rated for Damp Locations |
| Vibration Rating: | 8.7 Grms |
| Warranty: | 5 Years |