EDGE LINEAR INTEGRAL
Installation Guide

LANTANA LED

INSTALLATION GUIDE LANTANA EDGE LINEAR - INTEGRAL

This document contains proprietary information and shall not be duplicated or disclosed to others without approval of LANTANA LED. Accuracy of drawings is for design purposes only. Do not scale off drawings.

114 Sansome Street, Suite 1320
San Francisco, CA 94104
www.lantanaled.com | 415.814.8500

LANTANA LED

PRODUCT: EDGE LINEAR INTEGRAL
DATE: 12/01/2023 **AUTHOR:** VT

DRAWING: EDGE-L-INT

REV: A

NOTICE:

- For correct installation, a qualified electrician should install this product.
- Before installation of any luminaire onto an electrical junction box, be sure to disconnect power.
- This luminaire must be wired and grounded in accordance with the National Electrical Code, local codes, and ordinances.
- Wire supply connections must be made with UL approved connectors.
- Confirm that luminaire and supply voltage are the same.
- This installation instruction is a general reference for installation and maintenance. Refer to your order details as fixture component or hardware may vary.

CAUTION:

- FIXTURE WEIGHT APPROXIMATELY 6LBS 4F LONG FIXTURE &12 LBS 8F LONG FIXTURE
- CONTRACTOR REQUIRED TO PROVIDE APPROPRIATE STRUCTURAL SUPPORT (JUNCTION BOXES, CEILING TILE BRIDGE, FRAMING, ETC) FOR FIXTURE TO MEET LOCAL CODE REQUIREMENTS.
- AVOID INSTALLING THIS FIXTURE NEAR AREAS OF HIGH AIR MOVEMENT (HVAC VENTS, DOORWAY, WINDOWS) TO MINIMIZE FIXTURE SWAY.
- DO NOT FEED EXCESS AIRCRAFT CABLE INTO FIXTURE OR JUNCTION BOX WHERE ELECTRICAL WIRES ARE LOCATED
- EXERCISE SPECIAL CARE AND SAFETY WHILE INSTALLING AND SERVICING LUMINAIRE.
- USE OF SOFT GLOVES AND PADDED MATERIALS ARE RECOMMENDED DURING HANDLING TO AVOID MARRING THE FINISH.
- COMPONENTS MAY BE CLEANED WITH SOFT DAMP OR DRY CLOTH.

FIXTURE COMPONENTS AND CONFIGURATION

SURFACE MOUNTING AND OVERALL CONSTRUCTION

UNISTRUT MOUNTING

INSTRUCTIONS:

1. Disconnect electrical lighting circuit (at breaker panel). Please check all local codes before install.
2. Edge integral driver fixture is composed of an enclosed LED extrusion with class 2 power supply and mounting splice box.
3. Open the mounting box to access prewired LED driver and quick splicing connectors by unscrewing side screws.
4. SURFACE MOUNTING: mount the fixture box to ceiling with 2 X #10 screws supplied by others per ceiling condition (**mounting solely to ceiling tile is HIGHLY discouraged**)
5. If power cord is preinstalled to a fixture at LANTANA factory skip this step. Bring power cord or conduit through one of 1/2 knockouts holes. Use UL listed strain relief if wiring with power cord. Make internal electrical wiring inside the splice box to AC source. Connect the neutral (white) wire to the supply neutral, connect the luminaire line wire (black) to the supply line wire, and connect the ground (green) wire to the supply ground to mounting box and driver. (If EM fixture connect any sense EM wiring). If required: Wire the fixture's 0-10V dimming to source dimming wiring. Always follow factory labels.
6. If fixture is surface mounted close the box and align side mounting holes with internal U-brackets and screw all side #8 screws (provided with the fixture, quantities vary based on fixture length).
7. UNISTRUT INSTALLATION: Secure fixture to appropriate Unistrut structural supports with screws, nuts and washers. Unistrut hardware set is included.
8. Wiring Fixture to source AC at the unistrut channel follow STEP 5.
9. PENDANT CANOPY INSTALLATION: Secure fixture to appropriate structural supports with grippers, aircraft and couplings. Please check all local codes before install. (If mounting to dry wall recommend the use of toggle bolts, etc. for non-powered end) (**mounting solely to ceiling tile is HIGHLY discouraged**).
10. Attach the barstrap on the powered end to the junction box (by others). Feed cables (and cord) through the canopy holes before securing to structure/j-box. (DO NOT secure canopies yet until step 14).
11. Using the aircraft cable and grippers level fixture (Suspension points can be adjusted/fine tuned at the end).
12. Wiring Fixture to source AC wiring at the canopy follow STEP 5.
13. Secure canopies using the threaded end of cable assembly couplings.
14. Attach and secure strain relief to the whip, press fit strain relief into canopy.
15. Restore power to lighting circuit and test installation. NOTE: If there are emergency (EM) segments please follow steps 12-13 on the supplemental EM instructions to test.
16. Enjoy your new luminaire!

INSTALLATION GUIDE LANTANA EDGE LINEAR - INTEGRAL

This document contains proprietary information and shall not be duplicated or disclosed to others without approval of LANTANA LED. Accuracy of drawings is for design purposes only. Do not scale off drawings.

114 Sansome Street, Suite 1320
San Francisco, CA 94104
www.lantanaled.com | 415.814.8500

LANTANA LED

PRODUCT: EDGE LINEAR INTEGRAL
DATE: 12/01/2023 **AUTHOR:** VT
DRAWING: EDGE-L-INT
REV: A