

BLRT33

LED Recessed Troffer



Project

Product Code

Type

Date

Approval

The BLRT33 is a recessed lay-in fixture designed for use in metric T-bar ceilings and is well suited for use in office spaces where a clean, professional, 30x30 footprint is required

Overview

- L70 of 150,000 hours+
- L90 of 45,000 hours+
- 0 - 10V dimming standard

Construction

- Manufactured in Ontario, Canada
- Precision laser-cut cold-rolled steel body
- Access panel provided for easy wiring
- Shallow fixture design for easy of installation and a clean and professional look

Electrical

- ETL certified to UL Canada and United States standards.
- Available in 120 - 277V and 347V

Optics

- Powder coated body in high-reflectance white. High-efficiency extruded lens maximizes light distribution while providing diffusion of LED point sources

Mounting

- Holes provided for chain or hanger wire mounting
- Support for T-Bar ceilings
- Surface mount and drywall kits

Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Lumen packages are available from 2,000L to 4,000L
- Available with passive or active air handling
- Bluetooth and wireless mesh networks controls

NOTES

↓ ↓ ↓ NOMENCLATURE

| Fixture Type | Fixture Size | Lumen Output | CRI | Color Temp | Driver Voltage | Options |
|--------------|--------------|--------------|------------|-------------|----------------|----------------------------------|
| BLRT | 33 | L | | | | |
| | | 2 | 8 - 80 CRI | 30 - 3000 K | UNV - 120-277V | Lenses |
| | | 3 | 9 - 90 CRI | 35 - 3500 K | 347 - 347V | Blank - Frosted Acrylic Lens |
| | | 4 | | 40 - 4000 K | | Motion Sensor |
| | | | | 50 - 5000 K | | W53xxx - On/Off Motion Sensor |
| | | | | 65 - 6500 K | | WX16 - Microwave Dimmable Sensor |
| | | | | | | W** - Other Options Available |

Surface Mount Kits
BLRT33-Surface Mount Kit

Controls

- B11 - 0-10V Dimming Leads
- B17 - Battery Back Up
- B** - Other Options Available
- WC** - Wireless Controls

Air Handling

- H20 - Housing with Passive Air Handling

Colours

- Blank - White Low-Gloss, Matte Finish
- C5 - Black Low-Gloss, Matte Finish
- C** - Other Options Available

Packaging

- P0 - Bulk Packaging
- P** - Other Options Available

** - Consult BJ Take for more fixture options

📄 SPECIFICATIONS

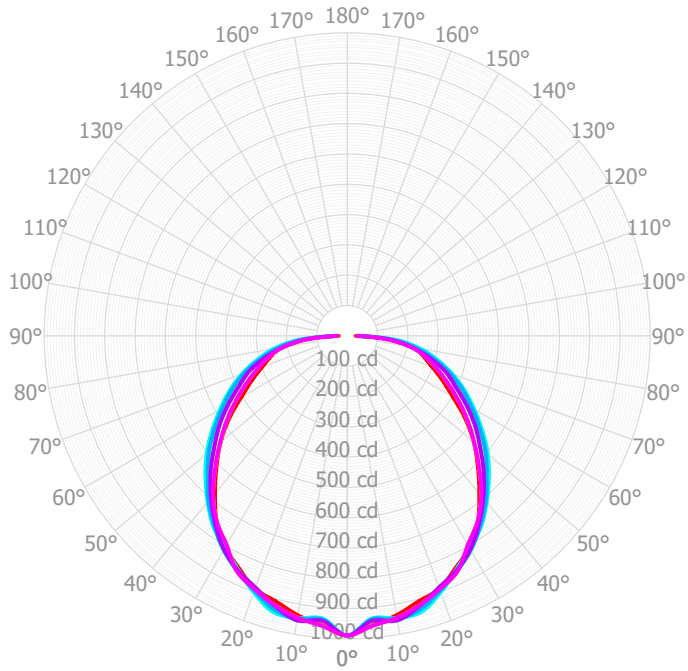
| Size | Lumen Output | Fixture Wattage |
|------|--------------|-----------------|
| 33 | 2 | 16.4 |
| | 3 | 24.54 |
| | 4 | 34.38 |

Based on UNV Voltage

Based on 4000K

Based on 80 CRI

PHOTOMETRICS

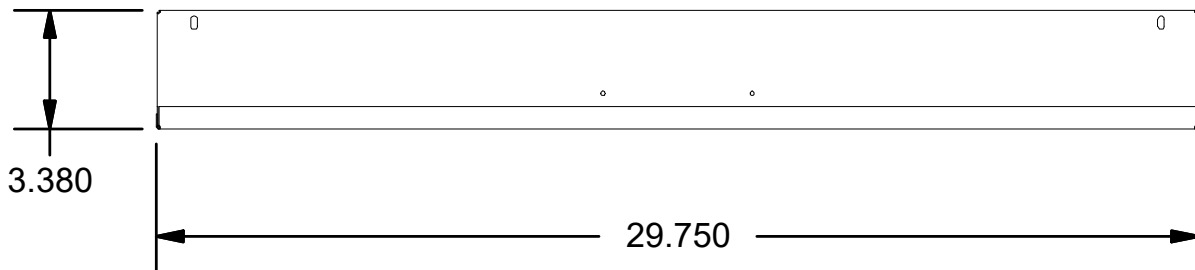


| | |
|---------------|---|
| 0°-180° | — |
| 22.5°-202.5° | — |
| 45°-225° | — |
| 67.5°-247.5° | — |
| 90°-270° | — |
| 112.5°-292.5° | — |
| 135°-315° | — |
| 157.5°-337.5° | — |

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6.0 ft | 27.5 fc | 16.3 ft |
| 8.0 ft | 15.5 fc | 21.7 ft |
| 10.0 ft | 9.9 fc | 27.2 ft |
| 12.0 ft | 6.9 fc | 32.6 ft |
| 14.0 ft | 5.0 fc | 38.0 ft |
| 16.0 ft | 3.9 fc | 43.5 ft |

DIMENSIONS

End View



Side View

