# TECHLIGHT
## INNOVATION IN ILLUMINATION

| Catalog Number | |
|---|---|
| Project | Type |

# L2CVT SERIES

## Wet Location Vapor Tight



## FEATURES & SPECIFICATIONS

**APPLICATION** — Great for gyms, walk in coolers, parking garages, canopies and other sensitive areas. Suitable for indoor and outdoor applications.

**CONSTRUCTION** — The fixture is completely water-proof, dust-proof and corrosion resistant. Fixture features a metal gear tray inside a reinforced FRP polyester housing, an acrylic diffuser and positive cam stainless steel latches. Diffuser provides 120 degree light distribution. Rigid one-piece housing construction. Compression molded self-extinguishing fiberglass reinforced polyester compound with UL 5V flame rating (ASTM D635-74) and F1 weatherability rating. The housing is sealed against dust and moisture. Gear trays constructed of high reflective, 22-gauge, pre-painted steel.

**FINISH** — White color impregnated FRP polyester housing.

**OPTICAL SYSTEM** — High efficiency linear LED strips provide a medium light distribution pattern and exceptional horizontal and vertical performance. Inline thermal-formed contoured lens features linear refractor ridges for lamp obscuration and glare reduction.

**ELECTRICAL SYSTEM** — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's provided in 3000K, 4000K, and 5000K with a CRI >80. Electronic drivers are available in 120/277 volt applications.

**MOUNTING** — The fixture can be quickly mounted via provided stainless steel mounting clips. The clips allow for suspended or surface mount installation.

**LISTINGS** — ETL listed for wet locations (IP65, IP66 and IP67). Meets US and Canadian safety standards. NSF International certified for NSF/ANSI Standard 2 – Food Equipment and Splash Zone 2. RoHS Compliant.

**WARRANTY** — The complete luminaire is covered by a 5-year limited warranty.

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

**EXAMPLE:**
### L2CVT 4 40 4L LRA 1

| L2CVT | | | | | | |
|---|---|---|---|---|---|---|
| **SERIES** | **LENGTH** | **COLOR TEMP/CCT** | **NOMINAL LUMENS** | **LENS** | **VOLTAGE** | **OPTIONS** |
| | **4** = 4'<br>**8** = 8' | **30** = Warm White (3000K)<br>**40** = Neutral White (4000K)<br>**50** = Cool White (5000K) | **4L** = 4000 Lumens<br>**6L** = 6000 Lumens<br>**8L** = 8000 Lumens<br>**10L** = 10,000 Lumens<br>**12L** = 12,000 Lumens<br>**16L** = 16,000 Lumens<br>}8' Models Only | **LRA** = Clear Ribbed Acrylic<br>**FLRA** = Frosted Ribbed Acrylic | **1** = Multi-Volt[1] | **HOEB** = LED Battery Pack, 90 min, 4000 lumens<br>**C1** = 6' Cord Set, Twist-lock 120V<br>**C2** = 6' Cord Set, Twist-lock 277V<br>**C4** = 6' Cord Set, Twist-lock 480V<br>**SJ6** = 6', 3/8" dia., 16/3 SJ Cord<br>**MH** = Myers Hub<br>**FBF** = Internal Fast-Blow Fuse<br>**DLP** = Dimming Leads Pulled<br>**WOC** = Fixture Mount PIR Motion Sensor On/Off Only<br>**WOCLEV** = Fixture Mount PIR Motion Sensor with Daylight Harvesting<br>**WOCBT** = = Bluetooth Mesh Wireless Smart Control |

## ACCESSORIES (Order as separate line items)

| | | | |
|---|---|---|---|
| **10JC** | (3) S Hooks and 10' Jack Chain Set | **STC63** | 6' x 3X 18AWG, 1/2"Seal Tight Conduit with 1/2-14 NPT threaded fittings |
| **G10** | 10' Aircraft Cable w/ 12" Arms (Set of 2) | **STC64** | 6' x 4X 18AWG, 1/2"Seal Tight Conduit with 1/2-14 NPT threaded fittings |
| **THE** | Tong Hanger, End Mount (Set of 2) | | |

## NOTES

[1] = Multi-Volt is an auto ranging power supply from 100V to 300V input.

## TECHNICAL DATA

| Length | Wattage | Nominal Lumens | 4000K Delivered Lumens |
|---|---|---|---|
| **4** = 4' | 26 | 4L | 3968 |
| | 49 | 6L | 5952 |
| | 52 | 8L | 7936 |
| **8** = 8' | 67.2 | 10L | 10182 |
| | 86 | 12L | 12980 |
| | 101 | 16L | 15840 |

### Energy Analysis

| | |
|---|---|
| Input Voltage | 120/277V |
| Nominal Lumen Output | 4000~16,000 Lumens |
| CCT | 4000 Kelvin |
| CRI | 80 (minimum) |
| Life Time Rating | 50,000 hrs @ L70 |
| Input Frequency | 50/60 Hz |
| Power Factor | >0.9 |

### Fixture Analysis

| | |
|---|---|
| Dimensions | 51.65" x 6.77" x 4.25" (4' model)<br>99.65" x 6.77" x 4.25" (8' model) |
| Mounting | Surface or suspended |
| Weight | 9-18 lbs |
| Warranty | 5-Year Limited |

**All dimensions and specifications are subject to change without notice.**

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