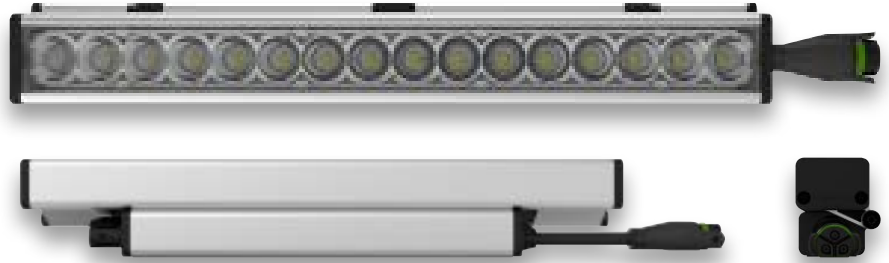


| DATE | PROJECT | FIRM | TYPE |
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THE L50 INCLUDES PATENTED OPTICAL DESIGN THAT DELIVERS THE WIDEST RANGE OF BEAM ANGLE OPTIONS FOR PRECISE COVE, WALL GRAZING, WALL WASHING OR LINE OF LIGHT APPLICATIONS. EXCLUSIVE FLIP TO FLAT™ HINGE DESIGN PROVIDES FLEXIBILITY WHEN MANAGING SMALL COVE DETAILS. TROV OFFERS SMOOTH, FLICKER FREE DIMMING DOWN TO 0%.



FEATURES :

- DIM TO 0%, ELV REVERSE PHASE
- 24 BEAM ANGLES
- MULTI-VOLT
- FLIP TO FLAT™
- 6 CCT OPTIONS
- 80+ AND 90+ CRI OPTIONS
- IP54 INTERIOR AND IP66 EXTERIOR OPTIONS

| MODEL/ SIZE | INTERIOR/ EXTERIOR | LENGTH | POWER | CCT | CRI | VOLTAGE | OPTICS |
|-------------|--------------------|------------|----------------------------------|--|--|------------------------------|--|
| L50 | I E | 12" 48" | 02 04 06 08 10 12 | WHITE CCT 22 27 30 35 40 50 | MONO COLOR GR**** BL AM RD*** | 80 90* Blank For Color | MULT (120-277V) GRAZING 9 x 9 9 x 17 9 x 29 9 x 59 15 x 15 15 x 23 15 x 35 15 x 65 COVE 120** Asym LINE OF LIGHT LOL WASHING 25 x 25 25 x 33 25 x 45 25 x 75 39 x 9 55 x 25 40 x40 40 x 48 40 x 60 40 x 90 45 x 15 70 x 40 70 x 70 |

EXAMPLE: L50-I-48-10-27-90-MULT-15x65 *90 CRI not available in 2200K or 5000K **120 is only available with Exterior option. See L35 spec sheet for interior cove options. ***Red is not available in 12W or 10W. ****Green is not available in 12W.

| PERFORMANCE | WATTS | OPTIC | LUMEN OUTPUT | EFFICACY |
|-------------|-------|---------|-------------------------|----------|
| | 2W | 9°x 29° | 110 lm/LF (361 lm/m) | 55 lm/W |
| | 4W | 9°x 29° | 302 lm/LF (1037 lm/m) | 76 lm/W |
| | 6W | 9°x 29° | 482 lm/LF (1614 lm/m) | 80 lm/W |
| | 8W | 9°x 29° | 675 lm/LF (2224 lm/m) | 84 lm/W |
| | 10W | 9°x 29° | 785 lm/LF (2644 lm/m) | 79 lm/W |
| | 12W | 9°x 29° | 923 lm/LF (3109 lm/m) | 77 lm/W |

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

| COLOR RENDERING INDEX | COLOR CONSISTENCY | LUMEN DEPRECIATION / RATED LIFE | WATTS | L70 @ 25C | L70 @ 50C | L90 @ 25C | L90 @ 50C | *CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR |
|-----------------------|------------------------|---------------------------------|--------|-----------|-----------|-----------|-----------|---|
| 80+, 90+ | 2-STEP MACADAM ELLIPSE | | 2W-12W | >150,000 | >70,000 | >50,000 | >25,000 | |

* CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR

| ELECTRICAL | POWER CONSUMPTION | 2W*/LF (6.6W/M); 4W/LF (13.2W/M); 6W/LF (19.8W/M); 8W/LF (26.4W/M); 10W/LF (33W/M); 12W/FL (39.6W/M) * 3W/LF (9.9W/M) at 220V -277V | | | | | | | | | | | | |
|------------|------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|-----|
| | | 2W/LF | | 4W/LF | | 6W/LF | | 8W/LF | | 10W/LF | | 12W/LF | | |
| | MAX FIXTURE RUN LENGTH | Volts | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | | |
| | | 120 | 214 | 214 | 186 | 186 | 152 | 152 | 114 | 114 | 91 | 91 | 76 | 76 |
| | | 220 | 374 | 392 | 340 | 340 | 277 | 277 | 209 | 209 | 95 | 167 | 95 | 139 |
| | | 277 | 374 | 494 | 374 | 428 | 349 | 349 | 263 | 263 | 95 | 190 | 95 | 175 |
| | POWER FACTOR | 4W, 6W, 8W, 10W, 12W >0.9, 2W<0.9 | | | | | | | | | | | | |
| | OPERATING VOLTAGE | MULTIVOLT: 110-277VAC, 50/60 Hz | | | | | | | | | | | | |
| | DRIVER | INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS | | | | | | | | | | | | |
| | STARTUP TEMPERATURE | -40°F TO 122°F (-40°C TO 50°C) | | | | | | | | | | | | |
| | OPERATING TEMPERATURE | -40°F TO 122°F (-40°C TO 50°C) | | | | | | | | | | | | |
| | STORAGE TEMPERATURE | -40°F TO 176°F (-40°C TO 80°C) | | | | | | | | | | | | |






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| DATE | PROJECT | FIRM | TYPE |
|--|--|---|------|
| CONTROL | DIMMING | 110-277VAC, ELV TYPE 0.07%-100%, REVERSE PHASE, TRAILING EDGE ETC control systems require 0-10V control using EcoSense LDCM. TROV will not work with ETC phase dimmers. | |
| PHYSICAL | DIMENSIONS HOUSING / LENS WEIGHT CONNECTORS ENVIRONMENT BEAM ANGLE MOUNTING OPTIONS | W 1.6" x H 2" x L 12"/48" ; (41.6mm x 50.5mm x 304.7mm/1201mm) EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS; PLASTIC ENDCAPS RUBBER OVERMOLD FOR CABLE ASSEMBLY 1.52LBS / 0.69KG (1FT) ; 4.95LBS / 2.25KG (4FT) INTEGRAL MALE/ FEMALE CONNECTORS INDOOR • ETL CERTIFIED FOR DRY/DAMP LOCATIONS IP54 OUTDOOR • ETL CERTIFIED FOR WET LOCATIONS IP66 IMPACT RATED TO IK10 GRAZING, WASHING, COVE, ASYMMETRIC, LINE OF LIGHT INTEGRAL MOUNTING AND ADJUSTABLE AIMING FROM 0°-180° IN 15° INCREMENTS | |
| FIXTURE RATING & CERTIFICATIONS | CE, ETL CERTIFIED RoHS COMPLIANT ENERGY STAR COMPLIANT DLC COMPLIANT RCM CERTIFIED |      | |

LIMITED WARRANTY 5 YEARS

WIRING OPTIONS (MVOLT): 110-277VAC

| | |
|--|--------------------------|
| Power Cable Assembly, TROV, Leader/Jumper, 10 foot..... | CBL-3P-L-UNV-10* |
| Power Cable Assembly, TROV, Leader/Jumper, 50 foot..... | CBL-3P-L-UNV-50* |
| Power Cable Assembly, TROV, Jumper, 5 foot..... | CBL-3P-L-UNV-05** |
| Power Cable Assembly, TROV, Jumper, 1 foot | CBL-3P-L-UNV-01** |
| Power Cable Assembly, TROV, Adjustable Jumper, 0" to 7" | CBL-3P-L-UNV-ADJ |
| Power Cable Assembly, TROV, Male and Female terminator caps..... | CBL-3P-L-UNV-CAPS |

*Two (2) terminators are included with the 10' and 50' power cable. One Leader need per circuit/fixture run. Cables are not plenum rated.
** If using the 5' or 1' power cable assembly as a leader to power a run one set of CBL-3P-L-UNV-CAPS will also be need per cable.

0-10V CONTROL OPTIONS

100-120VAC / 277VAC Linear Dimming Control Module 0-10V - Plenum Rated **LDCM-PL-120-277-010V-GR**
All products come standard with ELV dimming capabilities. 0-10V Control options required for operation at 0-10V.

OPTIONAL ACCESSORIES

Mounting

Mounting Track and Clips Set, 48 Inch Track, 8 Clips..... **MNT-L-TRKCLIP-48**48" track and clips set will work with one 48" fixture or four 12" fixtures.
Mounting Track and Clips Set, 12 Inch Track, 2 Clips.....**MNT-L-TRKCLIP-12**12" track will not work with 48" fixtures.
Mounting Track Clip, TROV, Set of 2..... **MNT-L-CLIP**Clips needed = 12" fixtures need 1 set of 2 and 48" fixture needs 2 sets of 2.
90 Degree L bracket, TROV, Set of 2.....**MNT-L-LBKT**L-Brackets needed = 12" fixtures need 1 set of 2 and 48" fixture needs 1 set of 2.
Angle Locking Clip, TROV, Pack of 10.....**MNT-L-ANGLOCK**Angle Locks needed = 12" fixtures need 1 and 48" fixtures need 2.
(Must order separately)
Mounting, Fine Adjustment Bracket, TROV **MNT-L-FAB**Fine Adjustment Brackets needed = 12" fixtures need 1 and 48" fixtures need 2.
*Fine Adjustment Bracket is highly recommended for Grazing Optics.
Mounting, Fine Adjustment L-Bracket, TROV**MNT-L-LFAB**Fine Adjustment L-Brackets needed = 12" fixtures need 1 and 48" fixtures need 2.
*Fine Adjustment L-Bracket is recommended for Asymetric Optics when aiming is needed.

Snap-on Lenses

| | | |
|---|--------------------------|---|
| Snap-on Lens, Frosted, 12 inch, L50 | LENS-L50-FROST-12 | Snap-on Lenses need = One 12" lens is needed per 12" fixture and one 48" lens is needed per 48" fixture. Snap on Lenses will not work with the asymmetric fixture. Clear lenses can be used to hold colored filters to customize the output color of any TROV fixture, except the ASYM. Color filters supplied by others. |
| Snap-on Lens, Frosted, 48 inch, L50 | LENS-L50-FROST-48 | |
| Snap-on Lens, Clear, 12 inch, L50 | LENS-L50-CLEAR-12 | |
| Snap-on Lens, Clear, 48 inch, L50 | LENS-L50-CLEAR-48 | |

Wall Mount Arm

| | | |
|--|--------------------|--|
| Wall Mount Arm, 6 inch, TROV | WMA-L-CA-06 | Wall Mount Arms needed = For individual fixture installations two arms and one end set will be needed per fixture. For continuous run installation one endset will be needed per run. Each end set contains one left and one right end plate. One joining set will be needed per joint. One arm per fixture will be need plus one extra arm to complete the run. For example: A 10ft run made with two 4ft and two 1ft fixtures will contain; 1 x WMA-L-END, 3 x WMA-L-JNR, and 5 x WMA-L-CA-12. Leader cables are not included with wall mount arms, end sets, or joiners sets. |
| Wall Mount Arm, 12 inch, TROV..... | WMA-L-CA-12 | |
| Wall Mount Arm, 18 inch, TROV..... | WMA-L-CA-18 | |
| Wall Mount Arm, 24 inch, TROV..... | WMA-L-CA-24 | |
| Wall Mount Arm End Plate Set, TROV, Includes Left and Right..... | WMA-L-END | |
| Wall Mount Arm Joiner Plate, TROV | WMA-L-JNR | |

Louvers

| | | |
|--|------------------------|---|
| Louver, Asymmetric, 12 inch, L50 | LV-L50-ASYM-12 | Louvers Needed = One 12" louver is needed per 12" fixture and one 48" louver is needed per 48" fixture. 48" louver is made up of four 12" louvers. Louvers cannot be used with the asymmetric fixture |
| Louver, Asymmetric, 48 inch, L50 | LV-L50-ASYM-48 | |
| Louver, Symmetric, 12 inch, L50 | LV-L50-SYM-12 | |
| Louver, Symmetric, 48 inch, L50 | LV-L50-SYM-48 | |
| Louver, Honeycomb, 12 inch, L50 | LV-L50-HCOMB-12 | |
| Louver, Honeycomb, 48 inch, L50 | LV-L50-HCOMB-48 | |

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OPTIONAL ACCESSORIES

Masking Plates

- Masking Plate, 3 inch high, 12 inch, L50 & L35 MP-L50-3H-12
- Masking Plate, 3 inch high, 48 inch, L50 & L35 MP-L50-3H-48

Masking Plates needed = One 12" lens is needed per 12" fixture and one 48" lens is needed per 48" fixture.

Landscape Stake

- Landscape Stake, 6 inch, TROV, Set of 2 LS-L-STK-06
- Landscape Stake, 12 inch, TROV, Set of 2 LS-L-STK-12
- Landscape Stake, 18 inch, TROV, Set of 2 LS-L-STK-18

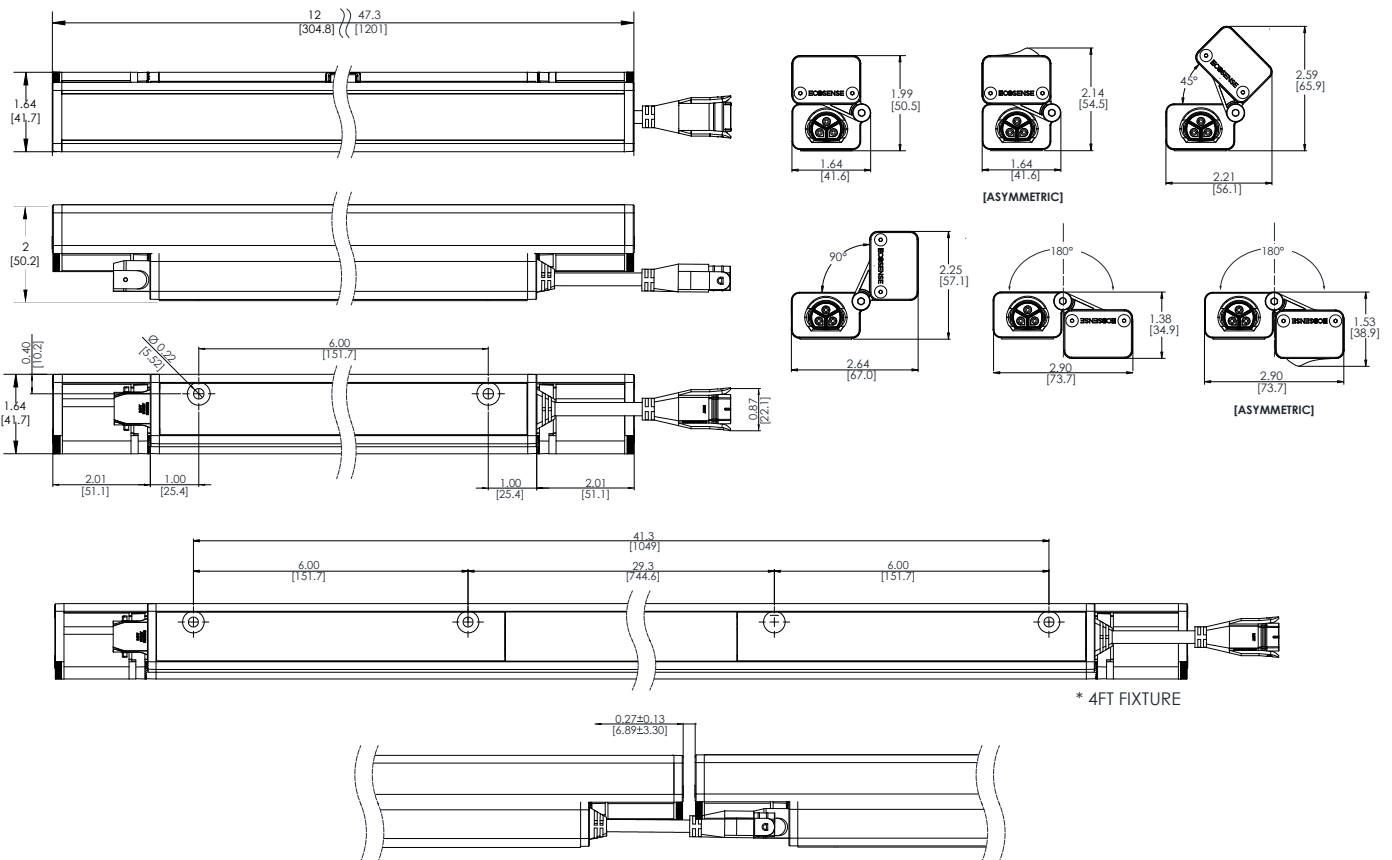
Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.

Wire Box

- Conduit Connection, Wire Box, TROV, Interior Only, L50 CC-L-WIREBOX

Wire box can be used instead of a leader cable to start a run. 1/2" conduit fitting can attach directly to the box on one end and the fixture to the other.

DIMENSIONS + MOUNTING



Fine Adjustable Bracket:

