DATE PROJECT FIRM TYPE

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	ССТ		CRI	VOLTAGE	OPTICS	
L50	E	12"	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	40°x 60°	141 lm/LF (461 lm/m)	70 lm/W		
	4W	40°x 60°	346 lm/LF (1135 lm/m)	87 Im/W		
	6W	40°x 60°	551 lm/LF (1809 lm/m)	92 Im/W		
	8W	40°x 60°	768 lm/LF (2518 lm/m)	96 Im/W		
	10W	40°x 60°	930 lm/LF (3050 lm/m)	93 Im/W		
	12W	40°x 60°	1081 lm/LF (3547 lm/m)	90 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 80+, 90+ 2-STEP MACADAM ELLIPSE

2W-12W

WATTS L70 @ 25C

L70 @ 50C L90 @ 25C >150,000 >70,000 >50.000 >25,000

L90 @ 50C

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

* 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

MAX FIXTURE RUN LENGTH

	2W/LF		4W/LF		6W/LF		8W/LF		10W/LF		12W/LF	
Volts	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

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POWER FACTOR **OPERATING VOLTAGE** DRIVER STARTUP TEMPERATURE 4W, 6W, 8W, 10W, 12W > 0.9, 2W < 0.9 MULTIVOLT: 110-277VAC, 50/60 Hz

INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS

-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)

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/resources for the most updated information.



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ATE	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 dimme								
PHYSICAL	DIMENSIONS	W 1.6" x H 2" x L 12"/48"; (41.6mm x 50.5mm x 304.7mm/1201mm)								
	HOUSING /LENS	EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS; PLASTIC ENDCAPS RUBBER OVERMOLD FOR CABLE ASSEMBLY								
	WEIGHT	1.52LBS / 0.69KG (1FT) ; 4.95LBS / 2.25KG (4FT)								
	CONNECTORS	INTEGRAL MALE/ FEMALE CONNECTORS								
	ENVIRONMENT	INDOOR • ETL CERTIFIED FOR DRY/DAMP LOCATIONS IP54								
		OUTDOOR • ETL CERTIFIED FOR WET LOCATIONS IP66								
		IMPACT RATED TO IK10								
		Not intended to be used in water features such as waterfalls, fountains, etc.								
	BEAM ANGLE	GRAZING, WASHING, COVE, ASYMMETRIC, LINE OF LIGHT								
	MOUNTING OPTIONS	INTEGRAL MOUNTING AND ADJUSTABLE AIMING FROM 0°-180° IN 15° INCREM	ENTS							
FIXTURE RATING &	ETL CERTIFIED	Title 24								
CERTIFICATIONS	Rohs Compliant	JA8-2016								
	RCM CERTIFIED	Intertek SA8-2016 System of the state of t								
LIMITED WARRANT	′ 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, Male and Female terminator 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.

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.

Wall Mount Arm Joiner Plate, TROVWMA-L-JNR

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, L50LENS-L50-CLEAR-48

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.

Wall Mount Arms needed = For individual fixture installations two arms and one end set will be needed per fixture. For continuous run installation one end set will be needed per run. Each end set contains one left and one right end plate. One pining set will be needed per joint. One arm per fixture will be needed 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.

Louvers

 Louver, Asymmetric, 12 inch, L50
 LV-L50-ASYM-12

 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

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

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^{**} 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 needed per cable.

DATE PROJECT FIRM TYPE

OPTIONAL ACCESSORIES

Masking Plates

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

Landscape Stake

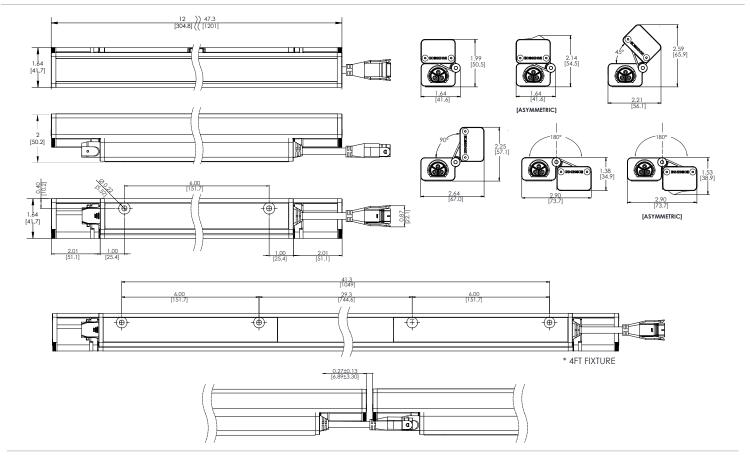
Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.

Wire Box

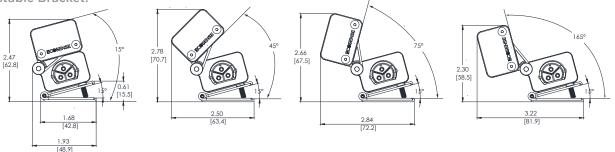
Conduit Connection, Wire Box, TROV, Interior Only, L50CC-L-WIREBOX

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:





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