

DATE	PROJECT	FIRM	TYPE
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THE L35 INCLUDES A PATENTED OPTICAL DESIGN THAT DELIVERS A 120° BEAM ANGLE OPTION IN AN ULTRASLIM FORM FACTOR FOR PRECISE COVE LIGHTING 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
- ULTRA LOW PROFILE
- MULTI-VOLT
- FLIP TO FLAT™
- 7 CCT OPTIONS
- 80+ AND 90+ CRI OPTIONS
- IP54 INTERIOR

MODEL/ SIZE	INTERIOR/ EXTERIOR	LENGTH	POWER	CCT	CRI	VOLTAGE	OPTICS
L35	I	12" 48"	02 04 06 08 10 12	WHITE CCT 22 25* 27 30 35 40 50	MONO COLOR GR**** BL AM RD***	80 90** Blank For Color	MULT (120-277V) 120

EXAMPLE: L35-I-48-06-30-90-MULT-120 *2500K is not available in 10W or 12W. **90 CRI not available in 2200K, 2500K or 5000K. ***Red is not available in 12W or 10W. ****Green is not available in 12W. See page 2 for cables and accessories.

PERFORMANCE	WATTS	OPTIC	LUMEN OUTPUT	EFFICACY
	2W	120°	140 lm/LF (459 lm/m)	70 lm/W
	4W	120°	407 lm/LF (1336 lm/m)	102 lm/W
	6W	120°	649 lm/LF (2130 lm/m)	108 lm/W
	8W	120°	866 lm/LF (2839 lm/m)	108 lm/W
	10W	120°	1082 lm/LF (3549 lm/m)	108 lm/W
	12W	120°	1273 lm/LF (4176 lm/m)	106 lm/W





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

COLOR RENDERING INDEX	80+, 90+				
COLOR CONSISTENCY	2-STEP MACADAM ELLIPSE				
LUMEN DEPRECIATION / RATED LIFE	WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
	2W-8W	>73,000	>60,000	>22,000	>18,000
	10W-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												
	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'	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 DRIVER	MULTIVOLT: 110-277VAC, 50/60 Hz												
	STARTUP TEMPERATURE	INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS												
	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/downloads/rise for the most updated information.

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	W 1.6" x H 1.4" x L 12"/48"; (41.6mm x 35.9mm x 304.7mm/1201mm) EXTRUDED ALUMINUM; CLEAR POLYCARBONATE; STAINLESS STEEL FASTENERS; PLASTIC ENDCAPS RUBBER OVERMOLD FOR CABLE ASSEMBLY	
	WEIGHT	1.2LBS / 0.55KG (1FT) ; 3.95LBS / 1.8KG (4FT)	
	CONNECTORS	INTEGRAL MALE/ FEMALE CONNECTORS	
	ENVIRONMENT	INDOOR • ETL CERTIFIED FOR DRY/DAMP LOCATIONS IP54	
	BEAM ANGLE	COVE	
	MOUNTING OPTIONS	INTEGRAL MOUNTING AND ADJUSTABLE AIMING FROM 0°-180° IN 15° INCREMENTS	
FIXTURE RATING & CERTIFICATIONS	CE, ETL CERTIFIED RoHS COMPLIANT RCM CERTIFIED	   	Title 24 JA8-2016 *90 CRI models only
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 needed 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-4848" 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-1212" track will not work with 48" fixtures.
 Mounting Track Clip, TROV, Set of 2..... MNT-L-CLIPClips 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-LBKTL-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-ANGLOCKAngle Locks needed = 12" fixtures need 1 and 48" fixtures need 2.
 Mounting, Fine Adjustment Bracket, TROV MNT-L-FABFine 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, TROVMNT-L-LFABFine 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.

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 end set 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 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.
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	

Snap-on Lenses

Snap-on Lens, Frosted, 12 inch, L35.....	LENS-L35-FROST-12	Snap-on Lenses need = One 12" lens is needed per 12" fixture and one 48" lens is needed per 48" 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, L35.....	LENS-L35-FROST-48	
Snap-on Lens, Clear, 12 inch, L35	LENS-L35-CLEAR-12	
Snap-on Lens, Clear, 48 inch, L35.....	LENS-L35-CLEAR-48	

Landscape Stake

Landscape Stake, 6 inch, TROV, Set of 2.....	LS-L-STK-06	Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.
Landscape Stake, 12 inch, TROV, Set of 2.....	LS-L-STK-12	
Landscape Stake, 18 inch, TROV, Set of 2.....	LS-L-STK-18	

Masking Plates

Masking Plate, 3 inch high, 12 inch, L50 & L35	MP-L50-3H-12	Masking Plates needed = One 12" plate is needed per 12" fixture and one 48" plate is needed per 48" fixture.
Masking Plate, 3 inch high, 48 inch, L50 & L35.....	MP-L50-3H-48	

Wire Box

Conduit Connection, Wire Box, TROV, Interior Only, L35.....	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.
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