TROV Slim®

OVERVIEW • SPECIFICATIONS • ORDERING

INTERIOR | **L30**

DATE	PROJECT	FIRM	TYPE

OUR NEWEST MEMBER OF THE TROV FAMILY REPRESENTS THE FUTURE OF HIGH-PERFORMANCE, LOW-COST LINEAR, OFFERING A DIMMABLE, CONSISTENT OUTPUT IN A PLUG-AND-PLAY PACKAGE THAT'S EASIER THAN EVER TO INSTALL.

FEATURES:

- INTEGRAL 0-10V CONTROL
- FLICKER-FREE DIMMING TO 5%
- FLEXIBLE CONNECTORS ALLOW UP TO 90° BENDS
- MULTI-VOLT 120-277V INPUT
- 90CRI STANDARD



MODEL SIZE	INTERIOR	LENGTH	POWER	CCT	CRI	VOLTAGE	OPTICS
L30	I	12 - 12in 48 - 48in	04 - 4.5W/ft 08 - 8.5W/ft	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	90 - 90CRI	MULT - 120V-277V	120 - 120°

EXAMPLE: L30-I-48-04-30-90-MULT-120

PERFORMANCE	WATTS/FOOT	CCT	90 CRI LUMEN OUTPUT	90 CRI EFFICACY
	4.5W/ft	2700K	379 lm/FT (1,242 lm/m)	97 lm/W
		3000K	377 lm/FT (1,237 lm/m)	100 lm/W
		3500K	400 lm/FT (1,313 lm/m)	103 lm/W
		4000K	441 lm/FT (1447 lm/m)	105 lm/W
	8.5W/ft	2700K	676 lm/FT (2218 lm/m)	87 lm/W
		3000K	695 lm/FT (2,280 lm/m)	89 lm/W
		3500K	723 lm/FT (2,373 lm/m)	94 lm/W
		4000K	738 lm/FT (2,419 lm/m)	94 lm/W

COLOR RENDERING INDEX 90CRI MINIMUM

COLOR CONSISTENCY SINGLE BIN 2-STEP MACADAM ELLIPSE

LUMEN DEPRECIATION / RATED LIFE

	CALCULATED**		REPORTED*		CALCULATED*		REPORTED*	
WATTS	L90 @ 25C	L90 @ 50C	L90 @ 25C	L90 @ 50C	L70 @ 25C	L70 @ 50C	L70 @ 25C	L70 @50C
4.5W	63,926	60,564	60,000	60,000	204,155	194,570	60,000	60,000
8.5W	51,021	41,517	51,021	41,517	166,410	142,789	60,000	60,000

*REPORTED HOURS COMPLY WITH TM-21 GUIDELINES THAT EXTRAPOLATIONS CANNOT EXCEED SIX TIMES LM-80 TESTED LED HOURS.
** CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR.

ELECTRICAL	POWER CONSUMPTION	4.5W (14.8W/m) ; 8.5W/ft (27.9W/m)
	MAX FIXTURE RUN LENGTH	4.5W - 120V = 100ft (30.49m) ; 220V = 175ft (53.35m) ; 277V = 200ft (60.98m) 8.5W - 120V = 65ft (19.82m) ; 220V = 125ft (38.11m) ; 277V = 150ft (45.73m) ***RUN LENGTHS LONGER THAN 150FT MAY EXPERIENCE NOTICABLE LIGHT OUTPUT DIFFERENCES BETWEEN THE FIRST AND LAST FIXTURE IN THE RUN DUE TO 0-10V VOLTAGE DROP. CONTACT YOUR ECOSENSE REPRESENTATIVE FOR MORE INFORMATION.***
	OPERATING VOLTAGE	120-277VAC, 50/60Hz
	DRIVER	INTEGRAL PROPRIETARY 0-10V DRIVER. ONE DRIVER PER FOOT.
	STARTUP TEMPERATURE	-4˚F TO 122˚F (-20˚C TO 50˚C)
	OPERATING TEMPERATURE	-4˚F TO 122˚F (-20˚C TO 50˚C)
	STORAGE TEMPERATURE	-40˚F TO 185˚F (-40˚C TO 85˚C)
CONTROL	DIMMING	INTEGRAL 0-10V, 5%-100%, CURRENT SINKING, 100uA/FT
FIXTURE RATING & CERTIFICATIONS	UL AND CE LISTED RoHS COMPLIANT TITLE 24 JA8-2019 ENERGY STAR IP40 AND IK07	CE · cULus LISTED · RoHS COMPLIANT · IP40 · IK07 · ENERGY STAR · 2019 TITLE 24 PART 6 COMPLIANT High Efficacy LED Light Source Requirements JA-8 2019
LIMITED WARRANTY	5 YEARS	

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DATE	PROJECT	FIRM	TYPE

PHYSICAL	**HOUSING/LENS**	EXTRUDED POLYCARBONATE HOUSING AND LENS
	WEIGHT	12in = 0.4lbs (0.181kg) ; 48in = 1.42lbs (0.644kg)
	CONNECTORS	INTEGRAL FLEXIBLE MALE AND FEMALE CONNECTORS. HORIZONTAL PLANE ONLY 90° MAXIMUM FIXTURE-FIXTURE BEND. 45° MAXIMUM BEND PER CONNECTOR
	ENVIRONMENT	INDOOR, IP40, UL DAMP/DRY LOCATION ONLY. IK07 IMPACT RATING
	MOUNTING OPTIONS	INCLUDES 2 MOUNTING CLIPS PER 12IN AND 4 PER 48IN. SURFACE MOUNT ONLY **MOUNTING TRACK AND 8 TOTAL CLIPS PER 48" FIXTURE MUST BE USED FOR ALL INVERTED APPLICATIONS. ORDER SEPARATELY**
	AIMING	50° TOTAL AIMING. 25° IN EACH DIRECTION. 10° TIC MARKS ON CLIPS FOR EASY REFERENCE FIXTRUES CAN BE ROTATED BEYOND 25°, BUT CLIPS WILL BLOCK SOME LIGHT

WIRING OPTIONS 120-277VAC

Trov Slim Leader Cable, 4-Wire, 10ft, White	(One 10ft leader cable needed per run, includes terminator cap)	**CBL-4P-LWH-LDR-UNV-10**
Trov Slim Jumper Cable, 4-Wire, 50ft, White	(Cut male connector off and add terminator cap to make 50ft leader)	**CBL-4P-LWH-JMP-UNV-50**
Trov Slim Jumper Cable, 4-Wire, 5ft, White	(Jumper cables can be connected together to create longer cables)	**CBL-4P-LWH-JMP-UNV-5**
Trov Slim Jumper Cable, 4-Wire, 1ft, White	(Jumper cables can be connected together to create longer cables)	**CBL-4P-LWH-JMP-UNV-1**
Trov Slim Jumper Cable, 4-Wire, 3in, White	(Jumper cables can be connected together to create longer cables)	**CBL-4P-LWH-JMP-UNV-03**
Trov Slim Y-Splitter Cable, 4-Wire, White	(Used to split one run into two, includes one terminator cap)	**CBL-4P-LWH-Y-UNV**
Trov Slim Terminator Cap, 4-Wire, White	(Used to replace lost caps or to convert jumpers into leaders)	**CBL-4P-LWH-CAP-UNV**

OPTIONAL WIRE BOX

Trov Slim Wire Box, White (Used in place of leader cables when cables are not an option)..... **L30-A-WIREBOX**

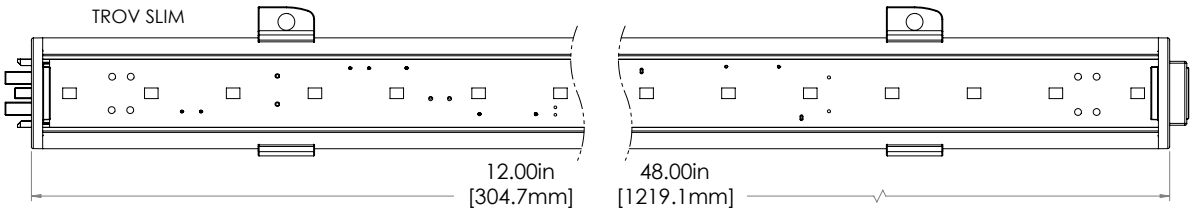
OPTIONAL ACCESSORIES

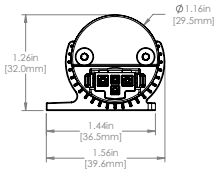
Mounting

Trov Slim Mounting Track, 48 inch (Track can be field cut. Required for inverted mounting)..... **L30-A-MNT-TRK-48**
Trov Slim Mounting Clips, 2-pack (Fixture includes 2 with 12" and 4 with 48", 8 clips required for 48" inverted mounting)..... **L30-A-MNT-ADJ**

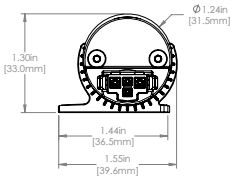
Snap-on Lenses

Trov Slim Snap-on Lens, Frosted, 12 inch (Used to diffuse LED glare and soften light)..... **L30-A-FRLS-12**
Trov Slim Snap-on Lens, Frosted, 48 inch (Used to diffuse LED glare and soften light)..... **L30-A-FRLS-48**

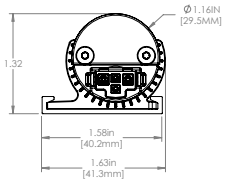




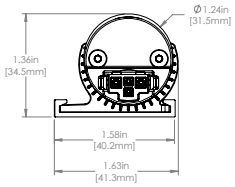
Fixture w/Clip



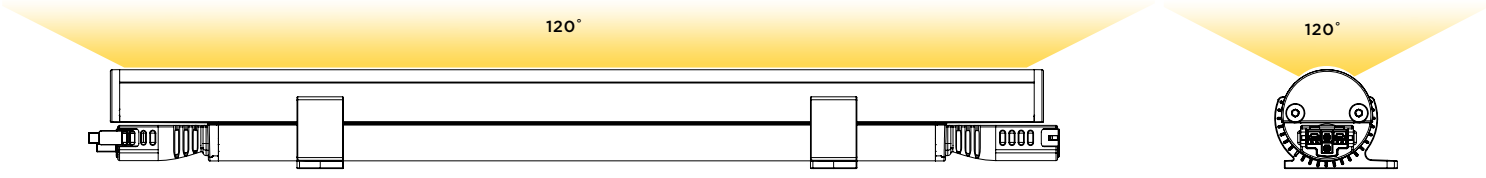
Fixture w/Frosted Lens



Fixture w/Track



Fixture w/Frosted Lens & Track



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