

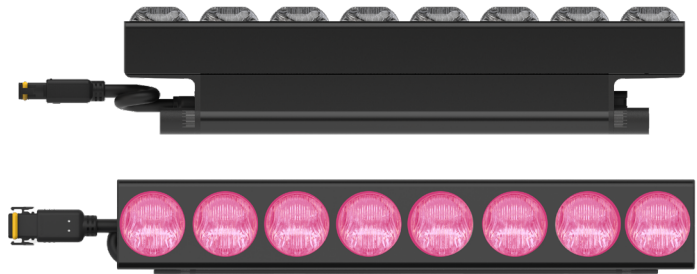
L60 RGBW ASYMMETRIC | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
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TROV L60 RGBW Asymmetric delivers a uniform distribution across the illuminated surface providing excellent max/min levels. This low-profile luminaire can be mounted on its side in a cove to throw light into the room or mount vertically to graze a wall.

Features:

- RGBW quad chips and color mixing optics provide uniform color mixing with minimal setbacks
- Channel Max™ directs all driver output to the LEDs in use.
- VividSync™ ensures constant output for every 12in section
- friction hinge allows infinite aiming from 0°-180°
- KAST Auto-Sensing Technology for DALI-2 and DMX-RDM Control
- Aiming indicators for precise aiming
- IP66 exterior rated
- Two standard finishes: Black & White



Model Size	Interior/Exterior	Length	Power	Spectra	Voltage	Optics	Finish
L60	E - Exterior I - Interior	12 - 12IN 48 - 48IN	10 - 10W/FT 12 - 12W/FT 14 - 14W/FT 16 - 16W/FT 18 - 18W/FT	RGB3 - 3000K 80CRI White RGB4 - 4000K 80CRI White Red 625nm Green 527nm Royal Blue 453nm	MULT (100-277VAC)	ASYM	K - Black W - White
Build to Order Shipping							S - Silver Z - Bronze C - Custom

EXAMPLE: L60-E-12-18-RGB4-MULT-ASYM**Performance**

Watts/FT	Channel	Optic	Lumen Output		Efficacy
18W	Red	ASYM	220 lm/ft	722 lm/m	17 lm/W
	Green	ASYM	680 lm/ft	2230 lm/m	46 lm/W
	Blue	ASYM	109 lm/ft	358 lm/m	7 lm/W
	4000K	ASYM	796 lm/ft	2611 lm/m	54 lm/W
	Full Output	ASYM	765 lm/ft	2509 lm/m	40 lm/W
10W	Red	ASYM	147 lm/ft	482 lm/m	19 lm/W
	Green	ASYM	403 lm/ft	1322 lm/m	48 lm/W
	Blue	ASYM	53 lm/ft	173 lm/m	6 lm/W
	4000K	ASYM	405 lm/ft	1328 lm/m	49 lm/W
	Full Output	ASYM	369 lm/ft	1210 lm/m	36 lm/W

Color Rendering Index
Color Consistency

White LED 80+
White LED 3-Step Macadam Ellipse

Lumen Maintenance

	Reported*						Calculated**					
	25 °C			50 °C			25 °C			50 °C		
	L90	L80	L70	L90	L80	L70	L90	L80	L70	L90	L80	L70
L60 RGBW All Optics - 10W/ft	>90,000	>90,000	>90,000	30,684	62,992	>90,000	133,965	282,258	450,368	30,684	62,992	99,618
L60 RGBW All Optics - 18W/ft	30,684	62,992	>90,000	31,173	64,471	>90,000	30,684	62,992	99,618	33,173	64,471	102,223

*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.

Max Run Length

Maximum run length is determined by input voltage and wattage of the fixture, or a 30 fixture count set by the DMX-RDM standard ANSI E1.11 2008. Run lengths should be the shortest of the two. 48in fixtures count as 1 fixture.

TROV Max Run Length (ft)						TROV Max Run Length (m)					Protocol	Limitations
VAC(V)	10W	12W	14W	16W	18W	10W	12W	14W	16W	18W	DMX	30 Fixtures
120	97	81	69	60	54	29.6	24.7	21.0	18.3	16.5	DALI	64 Fixtures
220	178	148	99	111	99	54.3	45.1	38.7	33.8	30.2		
227	224	186	160	140	124	68.3	56.7	48.8	42.7	37.8		

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Electrical	Driver	Proprietary integral driver, one driver per fixture (see driver spec sheet for more details)	
	Power Consumption	10W/ft (33W/M); 12W/FT (39W/M); 14W/FT (46W/M); 16W/FT (52W/M); 18W/ft (59W/M);	
	Power Factor	10-18W/ft @120V PF>0.90 (See driver spec sheet for more details)	
	THD	<10% @120V	
	Operating Voltage	MULTI-VOLT: 100-277VAC, 50/60Hz	
	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)		
Control	Dimming Protocol	DMX/RDM: 8-BIT and 16-BIT; Factory settings = ch.1.8-BIT 48in Resolution: 12in, 24in, and 48in; Factory settings = 48in Dimming Curve: Log or Linear; Factory settings = Log DALI: DALI-2 : DT8 RGBW color control via single DALI address: compliant with IEC 62386-209 Note: A lamp short-circuit failure results in total control gear failure such that no response to commands can be expected.	
	Dimming Range	100%-2%	
Physical	Dimensions	H 2.47" x W 1.86" x L 12"/48"; (62.7mm x 47.3mm x 305mm/1220mm)	
	Housing/Lens	Extruded aluminum housing; UV stabilized polycarbonate optic; stainless steel fasteners; rubber overmolded cable assembly	
	Weight	2.0LBS / 0.91KG (1FT), 6.6LBS / 3.0KG (4FT)	
	Connectors	Integral male / female connectors	
	Environment	Exterior • UL Certified for wet locations IP66	
		Interior • UL certified for damp locations IP54	
	Finish	Impact Rated IK07	
		Meets 5G ANSI C136.31 vibration standard for bridge applications	
Mounting Options	Not intended to be used in water features such as waterfalls, fountains, etc..		
	Corrosion resistant finish using high durability triglycidyl isocyanurate (TGIC) powder coatings specifically designed for exterior weather exposure		
Limited Warranty	Integral mounting and adjustable lockable aiming from 0°-180° increments		
Fixture Rating & Certifications	UL LISTED, CE		
	DALI-2, RCM, NOM, & PSE		
RoHS COMPLIANT			
CE			
UL			
NOM			
PSE			
RoHS COMPLIANT			
DALI 2			

Wiring Options 100-277VAC (One Leader Cable or Wire Box Needed Per Run)

TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 10ft	CBL-6P-LBK-LDR-UNV-10
TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 50ft	CBL-6P-LBK-LDR-UNV-50
TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 25ft.....	CBL-6P-LBK-LDR-UNV-25
TROV L45 L60, 6-pin, Black, Jumper, Universal Voltage, 5ft	CBL-6P-LBK-JMP-UNV-5
TROV L45 L60, 6-pin, Black, Jumper, Universal Voltage, 1ft	CBL-6P-LBK-JMP-UNV-
TROV L45 L60, Interior Wire Box, White	L45 L60-A-I-WIREBOX
TROV L45 L60, 6-pin, Black, DMX 120-Ohm Terminator Cap Set, Male and Female, Universal Voltage.....	CBL-6P-L-BK-DMX-CAP-UNV

*DMX Terminator caps MUST be ordered separately from the leader cable. Order one set for every leader cable. Leader cables and jumper cables come with connectors on both ends. Jumpers can be used as leader cables.

Optional Accessories

Mounting Track

TROV L45 L60, Mounting Track, 12in, White	L45L60-A-MNT-TRACK-12-W
TROV L45 L60, Mounting Track, 48in, White	L45L60-A-MNT-TRACK-48-W
TROV L45 L60, Mounting Track, 12in, Black	L45L60-A-MNT-TRACK-12-K
TROV L45 L60, Mounting Track, 48in, Black.....	L45L60-A-MNT-TRACK-48-K
TROV L45 L60, Mounting L-Track, 12in, White.....	L45L60-A-LTRACK-12-W
TROV L45 L60, Mounting L-Track, 48in, White	L45L60-A-LTRACK-48-W
TROV L45 L60, Mounting L-Track, 12in, Black.....	L45L60-A-LTRACK-12-K
TROV L45 L60, Mounting L-Track, 48in, Black	L45L60-A-LTRACK-48-K
TROV L45 L60, Track, KEC, and Masking Plate Mounting Clip, Set of 2, (1 Set per Fixture)	L45L60-A-MNT-CLIP

*One set of clips are required per fixture. See Mounting Track spec sheet for more information.

Snap on Lenses

TROV L60, Snap on Frosted Lens, 12in	L60-A-FRLS-12
TROV L60, Snap on Frosted Lens, 48in.....	L60-A-FRLS-48
TROV L60, Snap on Clear Lens, 12in	L60-A-CLLS-12
TROV L60, Snap on Clear Lens, 48in.....	L60-A-CLLS-48

*See Snap on Lens spec sheet for more information.

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Louvers

TROV L45 L60, Half Louver, Black, 12in	L45L60-A-LV-HL-12
TROV L45 L60, Half Louver, Black, 4x12in.....	L45L60-A-LV-HL-48
TROV L45 L60, Full Louver, Black, 12in.....	L45L60-A-LV-FL-12
TROV L45 L60, Full Louver, Black, 4x12in.....	L45L60-A-LV-FL-48
TROV L45 L60, Asymmetric Kicker Reflector, 12in.....	L60-A-ASYM-KICK-12
TROV L45 L60, Asymmetric Kicker Reflector, 4x12in.....	L60-A-ASYM-KICK-48

*48in SKUs consist of four 12in louvers. See Louver spec sheet for more information.

Masking Plates (Silver, bronze, and custom finishes have longer lead-times and increased pricing)

TROV L45 L60, Masking Plate, 5in Tall, 12in Long, (Black, White, Silver, Bronze, Custom)	L45L60-A-MP5-12-(K,W,S,Z,C)
TROV L45 L60, Masking Plate, 5in Tall, 48in Long, (Black, White, Silver, Bronze, Custom)	L45L60-A-MP5-48-(K,W,S,Z,C)
TROV L45 L60, Masking Plate, 5in Tall, 90-Deg Coffe Corner, (Black, White, Silver, Bronze, Custom).....	L45L60-A-MP5-C90-(K,W,S,Z,C)
TROV L45 L60, Masking Plate, 5in Tall, 90-Deg Raft Corner, (Black, White, Silver, Bronze, Custom).....	L45L60-A-MP5-R90-(K,W,S,Z,C)
TROV L45 L60, Track, KEC, and Masking Plate Mounting Clip, Set of 2, (1 Set per Fixture).....	L45L60-A-MNT-CLIP

*One set of clips are required per fixture. See Masking Plate spec sheet for more information.

Wall Mount Arm System (Silver, bronze, and custom finishes have longer lead-times and increased pricing)

TROV L45 L60, Wall Mount Assm, 6in Arm, (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-CA-06-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 12in Arm, (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-CA-12-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 18in Arm, (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-CA-18-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 24in Arm, (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-CA-24-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 12in Tray (1 per 12in Fixture), (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-TRAY-12-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 48in Tray (1 per 48in Fixture), (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-TRAY-48-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, End Cap Set (1 Per Run), (Black, White, Silver, Bronze, Custom).....	L45L60-A-WMA-ENDCAPS-(K,W,S,Z,C)

*See Wall Mount Arm System spec sheet for more information.

Landscape Stakes (Anodized aluminum finish only. Not finished to match fixtures)

TROV Landscape, 6inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-06
TROV Landscape, 12inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-12
TROV Landscape, 18inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-18

Dimensions