

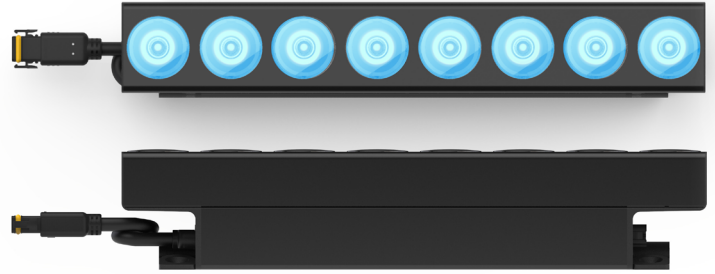
L60 RGBW LINEAR PROJECTOR | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

TROV L60 RGBW delivers 10 beams for grazing, asymmetric, and washing in a slim form factor for color changing facade lighting application. With VividSync™ and color mixing optics, L60 Linear provides uniform color mixing with minimal mixing distance and setbacks.

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 consistent output for every 12in section.
- 2 power levels - 10W/ft & 18W/ft
- Friction hinge allows infinite aiming from 0°-180°
- 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 18 - 18W/FT	RGB4 - Red 625nm Green 527nm Royal Blue 453nm White 4000K 80CRI	MULT (110-277VAC)	15x15 30x45 20x20 30x75 20x40 55x55 20x70 55x60 30x30 55x90	K - Black W - White

Build to Order Shipping S - Silver
Z - Bronze
C - Custom

EXAMPLE: L60-E-12-18-RGB4-MULT-15X15

Performance

Watts/ft	Channel	Optic	Lumen Output		Efficacy	Optic	Lumen Output		Efficacy
18W	Red	15°x15°	286 lm/ft	938 lm/m	22 lm/W	55° x 90°	235 lm/ft	771 lm/m	18 lm/W
	Green	15°x15°	870 lm/ft	2854 lm/m	59 lm/W	55° x 90°	712 lm/ft	2335 lm/m	48 lm/W
	Blue	15°x15°	158 lm/ft	518 lm/m	11 lm/W	55° x 90°	112 lm/ft	367 lm/m	8 lm/W
	White	15°x15°	934 lm/ft	3064 lm/m	64 lm/W	55° x 90°	806 lm/ft	2644 lm/m	55 lm/W
	Full Output	15°x15°	909 lm/ft	2982 lm/m	48 lm/W	55° x 90°	778 lm/ft	2552 lm/m	41 lm/W
10W	Red	15°x15°	198 lm/ft	649 lm/m	26 lm/W	55° x 90°	153 lm/ft	502 lm/m	20 lm/W
	Green	15°x15°	62 lm/ft	203 lm/m	62 lm/W	55° x 90°	420 lm/ft	1378 lm/m	50 lm/W
	Blue	15°x15°	11 lm/ft	36 lm/m	11 lm/W	55° x 90°	57 lm/ft	186 lm/m	7 lm/W
	White	15°x15°	489 lm/ft	1604 lm/m	60 lm/W	55° x 90°	411 lm/ft	1348 lm/m	50 lm/W
	Full Output	15°x15°	499 lm/ft	1637 lm/m	49 lm/W	55° x 90°	390 lm/ft	1279 lm/m	38 lm/W

Color Rendering Index Color Consistency

White LED 80+ CRI
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

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)		
VAC (V)	10W	18W
120	97	54
220	120	99
277	120	120

TROV Max Run Length (m)		
VAC (V)	10W	18W
120	29.6	16.5
220	36.5	30.2
277	36.5	36.5

Protocol	Limitations
DMX	30 Fixtures

L60 RGBW LINEAR PROJECTOR | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
Electrical	Driver Power Consumption Power Factor THD Operating Voltage Startup Temperature Operating Temperature Storage Temperature	Proprietary integral driver, one driver per fixture (see driver spec sheet for more details) 10W/FT (33W/M); 18W/FT (59W/M) 10-18W/ft @120V pf>0.90 (See DRIVER SPEC SHEET FOR MORE DETAILS) <10% @120V MULTI-VOLT: 110-277VAC, 50/60Hz -40°F TO 113°F (-40°C TO 45°C) -40°F TO 113°F (-40°C TO 45°C) -40°F TO 176°F (-40°C TO 80°C)	
Control	Dimming Protocol Dimming Range	DMX/RDM: 8-BIT and 16-BIT; factory settings = ch.1 8-bit 100%-2%	
Physical	Dimensions Housing/Lens Weight Connectors Environment Finish Mounting Options	H 2.47" x W 1.86" x L 12"/48"; (62.7mm x 47.3mm x 305mm/1220mm) Extruded aluminum housing; uv stabilized polycarbonate optic; stainless steel fasteners; rubber overmolded cable assembly 2.0lbs / 0.91KG (1ft), 6.6LBS / 3.0KG (4ft) Integral male / female connectors Outdoor • UL CERTIFIED for wet locations IP66 Interior • UL certified for damp locations IP54 Impact rated to IK07 MEETS 5G ANSI C136.31 VIBRATION STANDARD FOR BRIDGE APPLICATIONS 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. Integral mounting and adjustable lockable aiming from 0°-180° increments	
Fixture Rating & Certifications	UL LISTED, CE RoHS COMPLIANT, DALI 2, RCM	  	

Limited Warranty 5 Years

Wiring Options 110-277VAC (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-1
TROV L45 L60, 6-pin, Black, DMX 120-Ohm Terminator Cap Set, Male and Female, Universal Voltage.....	CBL-6P-LBK-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, 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

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

L60 RGBW LINEAR PROJECTOR | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

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, Honeycomb Louver, Black, 12in.....	L45L60-A-LV-HCOMB-12
TROV L45 L60, Honeycomb Louver, Black, 4x12in	L45L60-A-LV-HCOMB-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 Stake, 6inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-06
TROV Landscape Stake, 12inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-12
TROV Landscape Stake, 18inch, Anodized Aluminum Finish, Set of 2.....	LS-L-STK-18

*See TROV L50 Landscape stake spec sheet for more information.

Dimensions

