

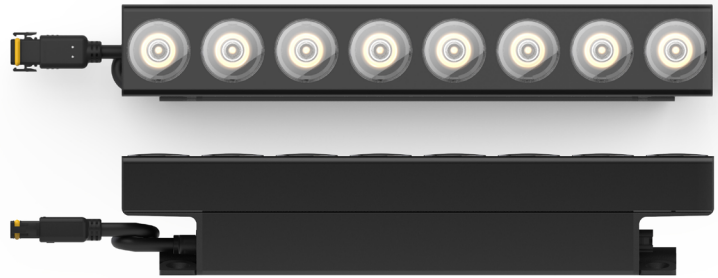
## L60 STATIC WHITE LINEAR PROJECTOR | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
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THE NEXT GENERATION TROV L60 DELIVERS 14 BEAMS FOR GRAZING, ASYMMETRIC, AND WASHING IN A SLIM FORM FACTOR FOR FACADE LIGHTING APPLICATIONS. AUTO-SENSING PROTOCOL TECHNOLOGY ALLOWS A WIDE RANGE OF CONTROL CAPABILITY, AND UNIFORM OPTICS ENABLE DISCREET, EVEN ILLUMINATION AND DIMMING CONTROL.

**FEATURES:**

- KAST AUTO-SENSING TECHNOLOGY ELV, 0-10V, DALI, AND DMX/RDM CONTROL BUILT INTO EVERY FIXTURE
- 10 POWER LEVELS UP TO 18W/FT
- LUMEN OUTPUT OVER 2100LM/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	CCT	CRI	VOLTAGE	OPTICS	FINISH	
L60	E - Exterior	12 - 12IN	02 - 2W/FT	10 - 10W/FT	27 - 2700K	80 - 80CRI	MULT (110-277VAC)	5x5 30x30 10x10 30x45 10x40 30x75 10x65 55x55 20x20 55x60 20x40 55x90 20x70	K - Black W - White
	I - Interior	48 - 48IN	04 - 4W/FT 05 - 5W/FT 06 - 6W/FT 08 - 8W/FT	12 - 12W/FT 14 - 14W/FT 16 - 16W/FT 18 - 18W/FT	30 - 3000K 35 - 3500K 40 - 4000K	90 - 90CRI			
<b>ON DEMAND SHIPPING</b>									
<b>BUILD TO ORDER SHIPPING</b>					22 - 2200K 50 - 5000K 65 - 6500K			S - Silver Z - Bronze C - Custom	

**EXAMPLE: L60-E-12-18-30-80-MULT-10X40**

The following configurations with 5x5, 10x10, 10x40, or 10x65 optics do not meet CE efficacy requirements; 48in-14W/ft-22K-80CRI, 12&48in-16-18W/ft-22K-80CRI, 48in-12-14W/ft-27K-90CRI, 48in-12-14W/ft-27K-90CRI, and 48in-18W/ft-30K-90CRI.

PERFORMANCE	WATTS/FT	OPTIC	LUMEN OUTPUT		EFFICACY	OPTIC	LUMEN OUTPUT		EFFICACY
	18W	10°x10°	1,262 lm/ft	4,139 lm/m	72lm/W	55° x 90°	2,025 lm/ft	6,642 lm/m	117lm/W
	16W	10°x10°	1,181 lm/ft	3,874 lm/m	76lm/W	55° x 90°	1,818 lm/ft	5,963 lm/m	118lm/W
	14W	10°x10°	1092 lm/ft	3,582 lm/m	79lm/W	55° x 90°	1,563 lm/ft	5,127 lm/m	119lm/W
	12W	10°x10°	960 lm/ft	3,149 lm/m	83lm/W	55° x 90°	1,374 lm/ft	4,507 lm/m	119lm/W
	10W	10°x10°	828 lm/ft	2,716 lm/m	85lm/W	55° x 90°	1,130 lm/ft	3,706 lm/m	119lm/W
	8W	10°x10°	674 lm/ft	2,211 lm/m	86lm/W	55° x 90°	885 lm/ft	2,903 lm/m	116lm/W
	6W	10°x10°	515 lm/ft	1,689 lm/m	86lm/W	55° x 90°	621 lm/ft	2,037 lm/m	109lm/W
	5W	10°x10°	425 lm/ft	1,394 lm/m	83lm/W	55° x 90°	487 lm/ft	1,597 lm/m	102lm/W
	4W	10°x10°	331 lm/ft	1086 lm/m	81lm/W	55° x 90°	338 lm/ft	1,109 lm/m	91lm/W
	2W	10°x10°	114 lm/ft	374 lm/m	60lm/W	55° x 90°	102 lm/ft	335 lm/m	60lm/W

ALL LUMEN DATA OUTPUTS ARE ESTIMATED FOR 3000K 80CRI FIXTURES. SEE PHOTOMETRIC SPEC SHEET FOR MORE DATA.

**COLOR RENDERING INDEX** 80+, 90+  
**COLOR CONSISTENCY** 2-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
<b>L60 5°-10°x65° - 2W/ft to 10W/ft</b>	56,006	>60,000	>60,000	58,741	>60,000	>60,000	56,006	115,579	183,116	58,741	120,732	191,012
<b>L60 5°-10°x65° - 12W/ft to 18W/ft</b>	51,506	>60,000	>60,000	54,132	>60,000	>60,000	51,506	106,544	168,942	54,132	111,708	176,982
<b>L60 20°-55°x90° - 2W/ft to 6W/ft</b>	30,301	64,943	>90,000	30,301	64,943	104,217	30,301	64,943	104,217	30,301	64,943	104,217
<b>L60 20°-55°x90° - 8W/ft to 18W/ft</b>	30,301	64,943	>90,000	30,301	64,943	104,217	61,601	137,941	104,217	61,601	137,941	224,489

**MAX RUN LENGTH**

Run length is defined by the total length of fixtures connected to one leader cable or wire box. Leader and jumper cable lengths are NOT included in the run length calculations. 0-10V, DALI, and DMX lengths are reduced per protocol standards. ELV does not have a limit, but check with the dimmer manufacturer for the maximum load.

TROV Max Run Length (ft)											PROTOCOL		LIMITATIONS			
VAC (V)	2W	4W	5W	6W	8W	10W	12W	14W	16W	18W	0-10V	DALI	DMX			
120	242	171	153	140	121	97	81	69	60	54				140FT (42.7M)	64 FIXTURES	30 FIXTURES
220	442	313	280	256	221	178	148	127	111	99						
277	557	394	352	322	279	224	186	160	140	124						
TROV Max Run Length (m)																
VAC (V)	2W	4W	5W	6W	8W	10W	12W	14W	16W	18W						
120	73.8	52.1	46.6	42.7	36.9	29.6	24.7	21.0	18.3	16.5						
220	134.8	95.4	85.4	78.0	67.4	54.3	45.1	38.7	33.8	30.2						
277	169.8	120.1	107.3	98.2	85.1	68.3	56.7	48.8	42.7	37.8						

## L60 STATIC WHITE LINEAR PROJECTOR | INTERIOR + EXTERIOR

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<b>ELECTRICAL</b>	<b>DRIVER</b>	PROPRIETARY INTEGRAL DRIVER, ONE DRIVER PER FIXTURE (SEE DRIVER SPEC SHEET FOR MORE DETAILS)					
	<b>POWER CONSUMPTION</b>	2W/FT (6.6W/M); 4W/FT (13.2W/M); 5W/FT (16.5W/M); 6W/FT (19.8W/M); 8W/FT (26.4W/M); 10W/FT (33W/M); 12W/FT (39.6W/M); 14W/FT (46.2W/M); 16W/FT (52.8W/M); 18W/FT (59W/M)					
	<b>POWER FACTOR THD</b>	4-18W/FT @120V PF>0.90 (SEE DRIVER SPEC SHEET FOR MORE DETAILS) <10% @120V					
	<b>OPERATING VOLTAGE</b>	MULTI-VOLT: 110-277VAC, 50/60Hz					
	<b>STARTUP TEMPERATURE</b>	-40°F TO 122°F (-40°C TO 50°C)					
	<b>OPERATING TEMPERATURE</b>	-40°F TO 122°F (-40°C TO 50°C)					
	<b>STORAGE TEMPERATURE</b>	-40°F TO 176°F (-40°C TO 80°C)					
<b>CONTROL</b>	<b>DIMMING PROTOCOL</b>	KAST AUTO-SENSING PROTOCOL, LESS THAN 0.1% DIMMING (SEE DIMMER COMPATIBILITY CHART) <b>ELV:</b> REVERSE PHASE (MIN DIMMING % WILL VARY DEPENDING ON INPUT VOLTAGE AND DIMMER) <b>0-10V:</b> CURRENT SINKING, 350uA PER FIXTURE <b>DALI:</b> DT6/DT23 (A LAMP SHORT CIRCUIT FAILURE RESULTS IN TOTAL CONTROL GEAR FAILURE SUCH THAT NO RESPONSE CAN BE EXPECTED) <b>DMX/RDM:</b> 8-BIT AND 16-BIT; FACTORY SETTINGS = CH.1 8-BIT					
	<b>DIMENSIONS</b>	H 2.47" X W 1.86" X L 12"/48"; (62.7MM X 47.3MM X 305MM/1220MM)					
	<b>HOUSING/LENS</b>	EXTRUDED ALUMINUM HOUSING; UV STABILIZED POLYCARBONATE OPTIC; STAINLESS STEEL FASTENERS; RUBBER OVERMOLDED CABLE ASSEMBLY					
<b>PHYSICAL</b>	<b>WEIGHT</b>	2.0LBS / 0.91KG (1FT), 6.6LBS / 3.0KG (4FT)					
	<b>CONNECTORS</b>	INTEGRAL MALE/ FEMALE CONNECTORS					
	<b>ENVIRONMENT</b>	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.					
	<b>FINISH</b>	CORROSION-RESISTANT FINISH USING HIGH DURABILITY TRIGLYCIDYL ISOCYANURATE (TGIC) POWDER COATINGS SPECIFICALLY DESIGNED FOR EXTERIOR WEATHER EXPOSURE.					
	<b>MOUNTING OPTIONS</b>	INTEGRAL MOUNTING AND ADJUSTABLE LOCKABLE AIMING FROM 0°-180° INCREMENTS					
<b>FIXTURE RATING &amp; CERTIFICATIONS</b>	UL LISTED, CE RoHS COMPLIANT, DALI 2, RCM TITLE 24 JA-8 2019						

**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, Terminator Cap Set, Male and Female, Universal Voltage .....	CBL-6P-LBK-CAP-UNV
TROV L45 L60, 6-pin, Black, DMX 120-Ohm Terminator Cap Set, Male and Female, Universal Voltage.....	CBL-6P-LBK-DMX-CAP-UNV
TROV L45 L60, Interior Wire Box, White .....	L45L60-A-I-WIREBOX

\*Leader cables and jumper cables come with connectors on both ends. Leader cables include terminator caps. Leader cables can be used as jumper cables.

\*\* See Cable Spec Sheet for more details.

### 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 LTrack, 12in, White .....	L45L60-A-LTRACK-12-W
TROV L45 L60, Mounting LTrack, 48in, White .....	L45L60-A-LTRACK-48-W
TROV L45 L60, Mounting LTrack, 12in, Black.....	L45L60-A-LTRACK-12-K
TROV L45 L60, Mounting LTrack, 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.

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### 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.

### 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.

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#### DIMENSIONS

