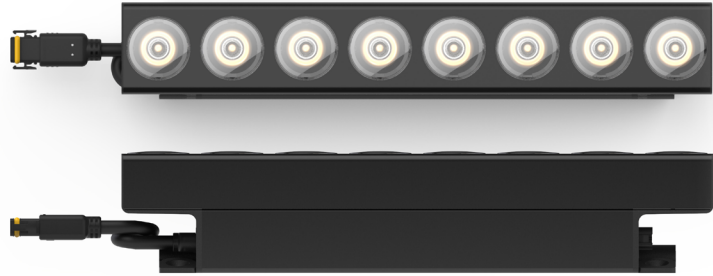


DATE	PROJECT	FIRM	TYPE
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THE NEXT GENERATION TROV L60 DELIVERS 14 BEAMS FOR GRAZING, ASYMMETRIC, AND WASHING IN A SLIM FORM FACTOR FOR FACADE LIGHTING APPLICATIONS. AUTO-SENSING PROTOCOL TECHNOLOGY ALLOWS A WIDE RANGE OF CONTROL CAPABILITY, AND UNIFORM 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	MONO COLOR	CRI	VOLTAGE	OPTICS	FINISH	
L60	E - Exterior I - Interior	12 - 12IN 48 - 48IN	02 - 2W/FT	10 - 10W/FT	22 - 2200K	RD - RED	80 - 80CRI	MULT (110-277VAC)	5x5	K - Black W - White S* - Silver Z* - Bronze C* - Custom <small>*Silver, bronze, and custom finishes are build-to-order. Longer lead times and increased pricing apply</small>
			04 - 4W/FT	12 - 12W/FT	27 - 2700K	GR - GREEN	90 - 90CRI		10x10	
			05 - 5W/FT	14 - 14W/FT	30 - 3000K	BL - BLUE	Leave blank for Mono Colors		10x40	
			06 - 6W/FT	16 - 16W/FT	35 - 3500K	AM - AMBER			10x65	
			08 - 8W/FT	18 - 18W/FT	40 - 4000K		20x20			
					50 - 5000K		20x40			
					65 - 6500K		20x70			
							30x30			
					30x75					

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

PERFORMANCE	WATTS/FT	OPTIC	LUMEN OUTPUT		EFFICACY	OPTIC	LUMEN OUTPUT		EFFICACY
	18W	10°x10°	1,267 lm/ft	4,181 lm/m	70.4	55° x 90°	1,726 lm/ft	5,695 lm/m	95.9
	16W	10°x10°	1,126 lm/ft	3,717 lm/m	70.4	55° x 90°	1,534 lm/ft	5,062 lm/m	95.9
	14W	10°x10°	986 lm/ft	3,252 lm/m	70.4	55° x 90°	1,342 lm/ft	4,429 lm/m	95.9
	12W	10°x10°	845 lm/ft	2,788 lm/m	70.4	55° x 90°	1,150 lm/ft	3,797 lm/m	95.9
	10W	10°x10°	704 lm/ft	2,323 lm/m	70.4	55° x 90°	959 lm/ft	3,164 lm/m	95.9
	8W	10°x10°	563 lm/ft	1,858 lm/m	70.4	55° x 90°	767 lm/ft	2,531 lm/m	95.9
	6W	10°x10°	422 lm/ft	1,394 lm/m	70.4	55° x 90°	575 lm/ft	1,898 lm/m	95.9
	5W	10°x10°	352 lm/ft	1,162 lm/m	70.4	55° x 90°	479 lm/ft	1,582 lm/m	95.9
	4W	10°x10°	282 lm/ft	929 lm/m	70.4	55° x 90°	383 lm/ft	1,266 lm/m	95.9
	2W	10°x10°	141 lm/ft	465 lm/m	70.4	55° x 90°	192 lm/ft	633 lm/m	95.9

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
L60 5°-10°	43,182	60,000	60,000	39,430	60,000	60,000	43,182	87,177	137,056	39,430	79,728	125,413
L60 20°-ASYM	60,000	60,000	60,000	60,000	60,000	60,000	137,602	299,553	483,159	65,570	145,547	236,216

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)										
VAC (V)	2W	4W	5W	6W	8W	10W	12W	14W	16W	18W
120	242	171	153	140	121	97	81	69	60	54
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

PROTOCOL	LIMITATIONS
0-10V	140FT (42.7M)
DALI	64 FIXTURES
DMX	32 FIXTURES

DATE	PROJECT	FIRM	TYPE
ELECTRICAL	DRIVER	PROPRIETARY INTEGRAL DRIVER, ONE DRIVER PER FIXTURE (SEE DRIVER SPEC SHEET FOR MORE DETAILS)	
	POWER CONSUMPTION	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)	
	POWER FACTOR	> 0.9	
	OPERATING VOLTAGE	MULTI-VOLT: 110-277VAC, 50/60Hz	
	STARTUP TEMPERATURE	-40°F TO 122°F (-40°C TO 50°C)	
	OPERATING TEMPERATURE STORAGE TEMPERATURE	-40°F TO 122°F (-40°C TO 50°C) -40°F TO 176°F (-40°C TO 80°C)	
CONTROL	DIMMING PROTOCOL	KAST AUTO-SENSING PROTOCOL, LESS THAN 0.1% DIMMING ELV: REVERSE PHASE (MIN LOAD OF 10 FIXTURES OR SYNTHETIC LOAD OF 100mA REQUIRED) 0-10V: CURRENT SINKING, 300uA PER FIXTURE DALI: DT6/DT23 (A LAMP SHORT CIRCUIT FAILURE RESULTS IN TOTAL CONTROL GEAR FAILURE SUCH THAT NO RESPONSE CAN BE EXPECTED) DMX/RDM: 8-BIT AND 16-BIT; FACTORY SETTINGS = CH.1 8-BIT	
	DIMENSIONS HOUSING/LENS	H 2.47" X W 1.86" X L 12"/48"; (62.7MM X 47.3MM X 305MM/1220MM)	
	WEIGHT CONNECTORS ENVIRONMENT	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 IMPACT RATED TO IK07	
	MOUNTING OPTIONS	INTEGRAL MOUNTING AND ADJUSTABLE LOCKABLE AIMING FROM 0°-180° INCREMENTS	

FIXTURE RATING & CERTIFICATIONS
UL LISTED, CE
RoHS COMPLIANT
TITLE 24 JA-8



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, 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.

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.

DATE	PROJECT	FIRM	TYPE
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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.

DIMENSIONS

