

L60 STATIC WHITE ASYMMETRIC | INTERIOR + EXTERIOR

DATE	PROJECT	FIRM	TYPE
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THE NEXT GENERATION TROV L60 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 MOUNTED VERTICALLY TO GRAZE A WALL. WITH UP TO 2000LM/FT TROV L60 ASYMMETRIC CAN BE USED AS THE PRIMARY LIGHT SOURCE IN CERTAIN SPACES.

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 I - Interior	12 - 12IN 48 - 48IN	02 - 2W/FT 10 - 10W/FT 04 - 4W/FT 12 - 12W/FT 05 - 5W/FT 14 - 14W/FT 06 - 6W/FT 16 - 16W/FT 08 - 8W/FT 18 - 18W/FT	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	80 - 80CRI 90* - 90CRI *90 CRI not available in 22K, 50K, or 65K	MULT (110-277VAC)	ASYM	K - Black W - White
ON DEMAND SHIPPING								
BUILD TO ORDER SHIPPING				22 - 2200K 50 - 5000K 65 - 6500K				S - Silver Z - Bronze C - Custom

EXAMPLE: L60-E-12-18-30-80-MULT-ASYM

PERFORMANCE	OPTIC	WATTS/FT	LUMEN OUTPUT	EFFICACY	WATTS/FT	LUMEN OUTPUT	EFFICACY
	ASYM	18W	1,895 lm/ft 6,214 lm/m	110lm/W	8W	828 lm/ft 2,716 lm/m	109lm/w
	ASYM	16W	1,701 lm/ft 5,579 lm/m	110lm/W	6W	581 lm/ft 1,906 lm/m	102lm/w
	ASYM	14W	1,491 lm/ft 4,890 lm/m	111lm/W	5W	456 lm/ft 1,496 lm/m	97lm/w
	ASYM	12W	1,286 lm/ft 4,218 lm/m	112lm/W	4W	316 lm/ft 1,036 lm/m	85lm/w
	ASYM	10W	1,057 lm/ft 3,467 lm/m	111lm/W	2W	95 lm/ft 312 lm/m	56lm/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
L60 ASYM - 2W/FT-6W/FT	30,301	64,943	>90,000	30,301	64,943	>90,000	30,301	64,943	104,217	30,301	64,943	104,217
L60 ASYM - 8W/FT-18W/FT	30,301	64,943	>90,000	61,601	>108,000	>108,000	30,301	64,943	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)										
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	30 FIXTURES

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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 (59.4W/M)	
	POWER FACTOR THD	4-18W/FT @120V PF>0.90 (SEE DRIVER SPEC SHEET FOR MORE DETAILS) <10% @120V	
	OPERATING VOLTAGE	MULTI-VOLT: 110-277VAC, 50/60Hz	
CONTROL	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)	
	DIMMING PROTOCOL	KAST AUTO-SENSING PROTOCOL, LESS THAN 0.1% DIMMING (SEE DIMMER COMPATIBILITY CHART) ELV: REVERSE PHASE (MIN DIMMING % WILL VARY DEPENDING ON INPUT VOLTAGE AND DIMMER) (ELV REQUIRES LOW END START-UP TO DETECT SIGNAL. SEE INSTALLATION GUIDE FOR PROCEDURE.) 0-10V: CURRENT SINKING, 350uA PER FIXTURE (ELV REQUIRES LOW END START-UP TO DETECT SIGNAL. SEE INSTALLATION GUIDE FOR PROCEDURE.) 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 LOGRITHMIC DIMMING CURVE FOR ALL FOUR DIMMING PROTOCOLS	
PHYSICAL	CURVE		
	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)	
FIXTURE RATING & CERTIFICATIONS	CONNECTORS	INTEGRAL MALE/ FEMALE CONNECTORS	
	ENVIRONMENT	EXTERIOR • UL CERTIFIED FOR WET LOCATIONS IP66 INTERIOR • UL CERTIFIED FOR DAMP LOCATIONS IP54 IMPACT RATED IK07 MEETS 5G ANSI C136.31 VIBRATION STANDARD FOR BRIDGE APPLICATIONS Not intended to be used in water features such as waterfalls, fountains, etc..	
	FINISH	CORROSION RESISTANT FINISH USING HIGH DURABILITY TRIGLYCIDYL ISOCYANURATE (TGIC) POWDER COATINGS SPECIFICALLY DESIGNED FOR EXTERIOR WEATHER EXPOSURE	
	MOUNTING OPTIONS	INTEGRAL MOUNTING AND ADJUSTABLE LOCKABLE AIMING FROM 0°-180° INCREMENTS	
UL US & CA LISTED, CE RoHS COMPLIANT, DALI 2, NOM, RCM TITLE 24 JA-8 2019		     	

2019 TITLE
24
PART 6
COMPLIANT
Signatory to Green
Source Requirements
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 Non-DMX Terminator Caps, Universal Voltage, 10ft	CBL-6P-LBK-LDR-UNV-10
TROV L45 L60, 6-pin, Black, Leader with Non-DMX Terminator Caps, Universal Voltage, 50ft	CBL-6P-LBK-LDR-UNV-50
TROV L45 L60, 6-pin, Black, Leader with Non-DMX 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.

**For DMX dimming one set of DMX terminator caps are needed per leader cable.

*** 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 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.

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

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