

DATE	PROJECT	FIRM	TYPE
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THE NEXT GENERATION TROV L45 DELIVERS A SMOOTH OPEN BEAM DISTRIBUTION IN A SLIM FORM FACTOR FOR COVE AND OTHER ACCENT LIGHTING APPLICATIONS. AUTO-SENSING PROTOCOL TECHNOLOGY ALLOWS A WIDE RANGE OF CONTROL CAPABILITY AND UNIFORM DISTRIBUTION 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
L45	E - Exterior I - Interior	12 - 12IN 48 - 48IN	02 - 2W/FT 04 - 4W/FT 05 - 5W/FT 06 - 6W/FT 08 - 8W/FT	10 - 10W/FT 12 - 12W/FT 14 - 14W/FT 16 - 16W/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)	120	K - Black W - White
ON DEMAND SHIPPING									
BUILD TO ORDER SHIPPING					22 - 2200K 50 - 5000K 65 - 6500K				S - Silver Z - Bronze C - Custom

EXAMPLE: L45-I-48-08-35-90-MULT-120

PERFORMANCE	WATTS/FT	OPTIC	LUMEN OUTPUT	EFFICACY	WATTS/FT	LUMEN OUTPUT	EFFICACY
	18W	120°	2,127 lm/ft	120lm/W	8W	976 lm/ft	120lm/W
	16W	120°	1,924 lm/ft	122lm/W	6W	697 lm/ft	114lm/W
	14W	120°	1,702 lm/ft	122lm/W	5W	559 lm/ft	110lm/W
	12W	120°	1,462 lm/ft	123lm/W	4W	402 lm/ft	101lm/W
	10W	120°	1,219 lm/ft	123lm/W	2W	151 lm/ft	75lm/W

ALL LUMEN DATA OUTPUTS ARE ESTIMATED FOR 3000K 80CRI FIXTURES.

COLOR RENDERING INDEX 80+, 90+
POWER CONSUMPTION 2-STEP MACADAM ELLIPSE

LUMEN MAINTENANCE

L45 2W/FT-18W/FT	REPORTED						CALCULATED					
	25°C			50°C			25°C			50°C		
	L90	L80	L70	L90	L80	L70	L90	L80	L70	L90	L80	L70
	66,140	>102,000	>102,000	66,140	>102,000	>102,000	66,140	141,642	227,239	66,140	141,642	227,239

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	140FT(42.7M)
120	242	171	153	140	121	97	81	69	60	54	DALI	64 FIXTURES
220	442	313	280	256	221	178	148	127	111	99	DMX	30 FIXTURES
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

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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 (59W/M)		
	POWER FACTOR	4-18W/FT @120V PF>0.90 (SEE DRIVER SPEC SHEET FOR MORE DETAILS)		
	THD	<10% @120V		
	OPERATING VOLTAGE	MULTI-VOLT: 110-277VAC, 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	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 (0-10V 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		
	CURVE	LOGRITHMIC DIMMING CURVE FOR ALL FOUR DIMMING PROTOCOLS		
	PHYSICAL	DIMENSIONS	H 1.99" X W 1.86" X L 12"/48"; (50.5MM X 47.3MM X 305MM/1220MM)	
		HOUSING/LENS	EXTRUDED ALUMINUM HOUSING; UV STABILIZED POLYCARBONATE OPTIC; STAINLESS STEEL FASTENERS; RUBBER OVERMOLDED CABLE ASSEMBLY	
WEIGHT		1.8LBS / 0.82KG (1FT) ; 5.2LBS / 6.9KG (4FT)		
CONNECTORS		INTEGRAL MALE / FEMALE CONNECTORS		
ENVIRONMENT		EXTERIOR • UL CERTIFIED FOR WET LOCATION IP66 INTERIOR • UL CERTIFIED FOR DAMP LOCATIONS IP54 IMPACT RATED TO IK06 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			
FIXTURE RATING & CERTIFICATIONS	UL US & CA LISTED, CE RoHS COMPLIANT, DALI 2, NOM, RCM TITLE 24 JA-8 2019	CE  CERTIFIED  RoHS COMPLIANT  UL -NOM MX  		
	LIMITED WARRANTY	5 YEARS	2019 TITLE 24 PART 6 COMPLIANT High Efficacy LED Light Source Requirement JA-8 2019	

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.

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SNAP ON LENSES

TROV L45, Snap on Frosted Lens, 12in	L45-A-FRLS-12
TROV L45, Snap on Frosted Lens, 48in	L45-A-FRLS-48
TROV L45, Snap on Clear Lens, 12in.....	L45-A-CLLS-12
TROV L45, Snap on Clear Lens, 48in.....	L45-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.

KNIFE EDGE COVE

See TROV L45 Knife Edge Cove Spec Sheet for ordering information.

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DIMENSIONS

