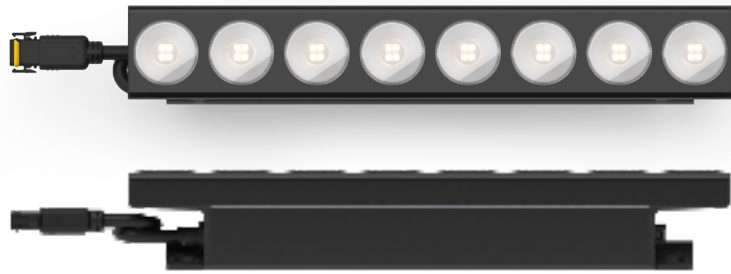


DATE	PROJECT	FIRM	TYPE
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THE NEXT GENERATION TROV L45 DELIVERS A SMOOTH OPEN BEAM DISTRIBUTION IN A SLIM FORM FACTOR FOR COVE AND OTHER ACCENT LIGHTING APPLICATIONS. AUTO-SENSING PROTOCOL TECHNOLOGY ALLOWS A WIDE RANGE OF CONTROL CAPABILITY AND UNIFORM 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	MONO COLOR	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	22 - 2200K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K	RD - RED GR - GREEN BL - BLUE AM - AMBER	80 - 80CRI 90* - 90CRI  Leave blank for Mono Colors  *90 CRI not available in 22K, 50K, or 65K	MULT (110-277VAC)	120	K - Black W - White  S* - Silver Z* - Bronze C* - Custom  *Silver, bronze, and custom finishes are build-to-order. Longer lead times and increased pricing apply.

**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	6,975 lm/m	120	8W	976 lm/ft	3,201 lm/m	120
	16W	120°	1,924 lm/ft	6,311 lm/m	122	6W	697 lm/ft	2,285 lm/m	114
	14W	120°	1,702 lm/ft	5,582 lm/m	122	5W	559 lm/ft	1,834 lm/m	110
	12W	120°	1,462 lm/ft	4,796 lm/m	123	4W	402 lm/ft	1,319 lm/m	101
	10W	120°	1,219 lm/ft	3,997 lm/m	123	2W	151 lm/ft	494 lm/m	75

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

**COLOR RENDERING INDEX** 80+, 90+  
**POWER CONSUMPTION** 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
32,306	72,000	72,000	17,590	52,232	72,000	32,306	75,248	123,931	17,590	52,232	91,506

**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
<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</b>	> 0.9	
	<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>CONTROL</b>	<b>STORAGE TEMPERATURE</b>	-40°F TO 176°F (-40°C TO 80°C)	
	<b>DIMMING</b>	KAST AUTO-SENSING PROTOCOL LESS THAN 0.1% DIMMING	
	<b>PROTOCOL</b>	<b>ELV:</b> REVERSE PHASE (MIN LOAD OF 10 FIXTURES OR SYNTHETIC LOAD OF 100mA REQUIRED) <b>0-10V:</b> CURRENT SINKING, 300UA 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>PHYSICAL</b>	<b>DIMENSIONS</b>	H 1.99" X W 1.86" X L 12"/48"; (50.5MM 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>WEIGHT</b>	1.8LBS / 0.82KG (1FT) ; 5.2LBS / 6.9KG (4FT)
	<b>CONNECTORS</b>	INTEGRAL MALE / FEMALE CONNECTORS	
	<b>ENVIRONMENT</b>	EXTERIOR • UL CERTIFIED FOR WET LOCATION IP66 INTERIOR • UL CERTIFIED FOR DAMP LOCATIONS IP54 IPACT RATED TO IK03	
	<b>MOUNTING OPTIONS</b>	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

DATE	PROJECT	FIRM	TYPE
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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.

**KNIFE EDGE COVE**

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

**DIMENSIONS**

