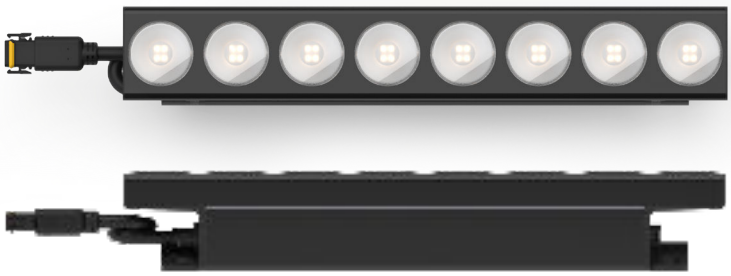
| DATE | PROJECT | FIRM | TYPE |
|---|---|---|---|
| | | | |

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 | 12 | 02 | 22 | RD | 80 | MULT | 120 | K |
| L45 | E - Exterior<br>I - Interior | 12 - 12IN<br>48 - 48IN | 02 - 2W/FT<br>04 - 4W/FT<br>05 - 5W/FT<br>06 - 6W/FT<br>08 - 8W/FT<br>10 - 10W/FT<br>12 - 12W/FT<br>14 - 14W/FT<br>16 - 16W/FT<br>18 - 18W/FT | 22 - 2200K<br>27 - 2700K<br>30 - 3000K<br>35 - 3500K<br>40 - 4000K<br>50- 5000K<br>65 - 6500K | RD - RED<br>GR - GREEN<br>BL - BLUE<br>AM - AMBER | 80 - 80CRI<br>90* - 90CRI<br>Leave blank for Mono Colors<br>*90 CRI not available in 22K, 50K, or 65K | MULT<br>(110-277VAC) | 120 | K - Black<br>W - White<br>S* - Silver<br>Z* - Bronze<br>C* - Custom<br>*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 |

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| DATE | PROJECT | FIRM | TYPE |
|---|---|---|---|
| | | | |

| | | |
|---|---|---|
| **ELECTRICAL** | **DRIVER** | PROPRIETARY INTEGRAL DRIVER, ONE DRIVER PER FIXTURE<br>(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);<br>8W/FT (26.4W/M); 10W/FT (33W/M); 12W/FT (39.6W/M); 14W/FT (46.2W/M);<br>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** | -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<br>**ELV:** REVERSE PHASE (MIN LOAD OF 10 FIXTURES OR SYNTHENTIC LOAD OF 100mA REQUIRED<br>**0-10V:** CURRENT SINKING, 300UA PER FIXTURE<br>**DALI:** DT6/DT23 (A LAMP SHORT CIRCUIT FAILURE RESULTS IN TOTAL CONTROL GEAR FAILURE SUCH THAT NO RESPONSE CAN BE EXPECTED<br>**DMX/RDM:** 8-BIT AND 16-BIT; FACTORY SETTINGS = CH.1 8-BIT |
| **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;<br>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<br>INTERIOR • UL CERTIFIED FOR DAMP LOCATIONS IP54<br>IPACT RATED TO IK03 |
| | **MOUNTING OPTIONS** | INTEGRAL MOUNTING AND ADJUSTABLE LOCKABLE AIMING FROM 0°-180° INCREMENTS |
| **FIXTURE RATING & CERTIFICATIONS** | **UL LISTED, CE**<br>**RoHS COMPLIANT**<br>**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 |



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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 Coffer 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.

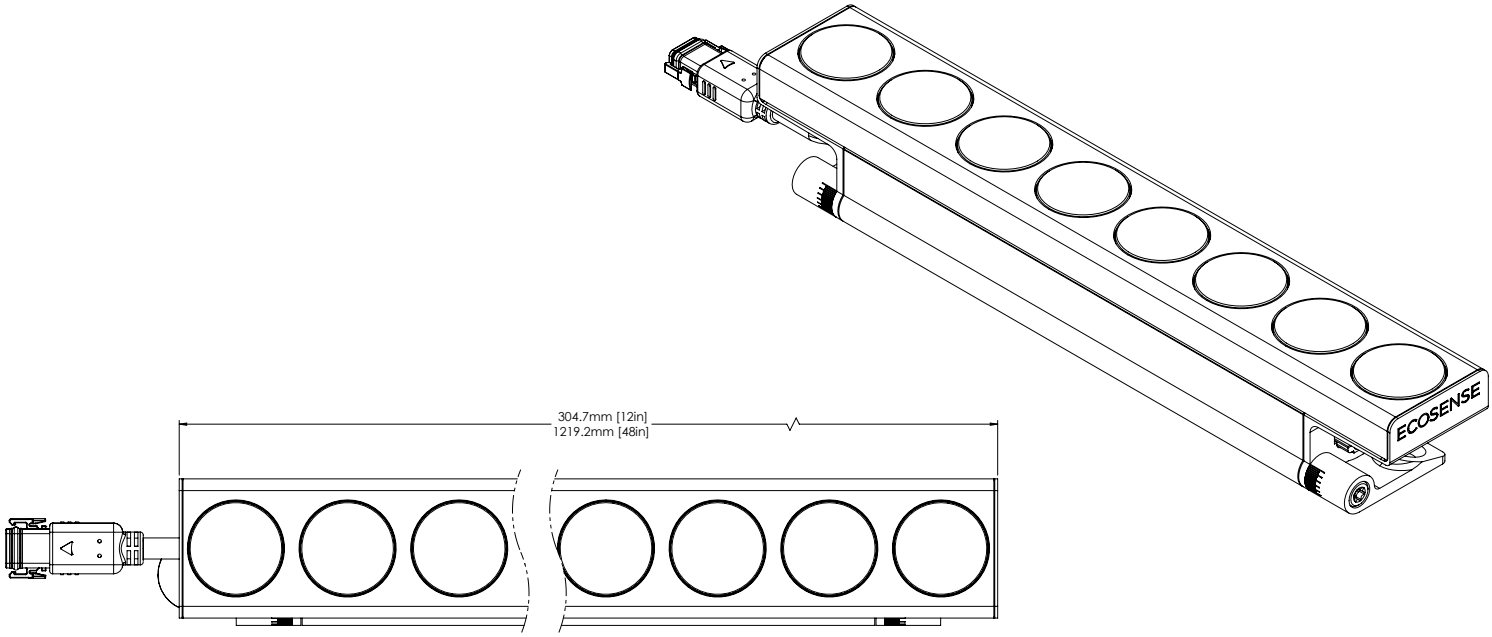
**WALL MOUNT ARM SYSTEM (SILVER, BRONZE, AND CUSTOM FINISHES HAVE LONGER LEAD-TIMES AND INCREASED PRICING)**

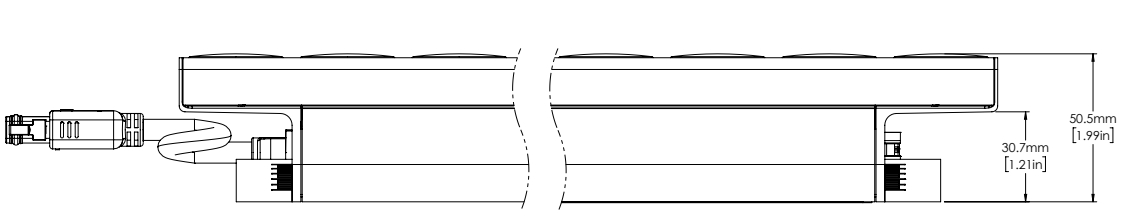
TROV L45 L60, Wall Mount Assm, 6in Arm, (Black, White, Silver, Bronze, Custom) ..... L45L60-A-WMA-CA-06-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 12in Arm, (Black, White, Silver, Bronze, Custom) ..... L45L60-A-WMA-CA-12-(K,W,S,Z,C)
TROV L45 L60, Wall Mount Assm, 18in Arm, (Black, White, Silver, Bronze, 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.

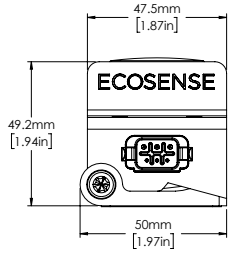
**KNIFE EDGE COVE**

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

**DIMENSIONS**

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