

DATE	PROJECT	FIRM	TYPE
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TROV L45 AND L60 CABLES ARE USED TO CONNECT FIXTURES TO BUILDING WIRING OR PROVIDE FIXTURE-TO-FIXTURE CONNECTIONS WHEN GAPS ARE NEEDED IN A RUN. CABLES CARRY MAINS VOLTAGE FROM 110-277V AND THREE CONTROL WIRES FOR USE WITH KAST. ONE LEADER CABLE IS NEEDED PER RUN AND INCLUDES TERMINATOR CAPS. JUMPER CABLES CAN BE USED TO PROVIDE GAPS IN FIXTURE SPACING. LEADER AND JUMPER CABLES BOTH COME WITH MALE AND FEMALE CONNECTORS. LEADER CABLES COME WITH MALE AND FEMALE TERMINATOR CAPS.

FEATURES:

- COMPLIES WITH UL AND IEC STANDARDS
- WORKS WITH 110V TO 277V
- 6-PIN CONNECTORS FOR HOT, NEUTRAL, GROUND, AND 3 CONTROL WIRES FOR USE WITH KAST
- 10FT, 25FT, AND 50FT LEADER CABLES INCLUDE TERMINATOR CAPS AND CAN BE USED AS JUMPER CABLES
- 1FT AND 5FT JUMPER CABLES CAN BE USED AS LEADER CABLES BY ADDING TERMINATOR CAPS
- DMX TERMINATOR CAPS INCLUDE 120-OHM RESISTOR REQUIRED FOR DMX CONTROL
- OUTDOOR, IP66 RATED, WET LOCATION
- UV STABILIZED JACKET



PHYSICAL	MATERIAL	JACKET = THERMOPLASTIC POLYURETHANE (TPU) 7.70MM OD WIRE INSULATION = ETHYLENE TETRAFLUOROETHYLENE (ETFE) WIRE GAUGE = MAINS 16AWG, CONTROL 22AWG BLACK
LIMITED WARRANTY	COLOR ENVIRONMENT	OUTDOOR, IP66, WET LOCATION
	5 YEARS	

ORDERING

PART NUMBER	DESCRIPTION
CBL-6P-LBK-LDR-UNV-10	TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 10ft
CBL-6P-LBK-LDR-UNV-50	TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 50ft
CBL-6P-LBK-LDR-UNV-25	TROV L45 L60, 6-pin, Black, Leader with Terminator Caps, Universal Voltage, 25ft
CBL-6P-LBK-JMP-UNV-5	TROV L45 L60, 6-pin, Black, Jumper, Universal Voltage, 5ft
CBL-6P-LBK-JMP-UNV-1	TROV L45 L60, 6-pin, Black, Jumper, Universal Voltage, 1ft
CBL-6P-LBK-CAP-UNV	TROV L45 L60, 6-pin, Black, Terminator Cap Set, Male and Female, Universal Voltage
CBL-6P-LBK-DMX-CAP-UNV	TROV L45 L60, 6-pin, Black, DMX 120-Ohm Terminator Cap Set, Male and Female, Universal Voltage

NOTES: Terminator caps must be used at the end of each run. They are included with leader cables.

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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

L45 and L60 Wiring Assignments	
Line Voltage	Control Wires
120-277VAC 50/60Hz	ELV
Brown - Hot/Line	Not Used
Blue - Neutral	0-10V
Green - Ground	Violet - Dim1 +
	Pink - Dim -
	Orange - Dim 2+
	DALI
	Violet - DA
	Pink - Not Used
	Orange - DA
	DMX
	Violet - Data 1+
	Pink - Data Link
	Common
	Orange - Data 1-