



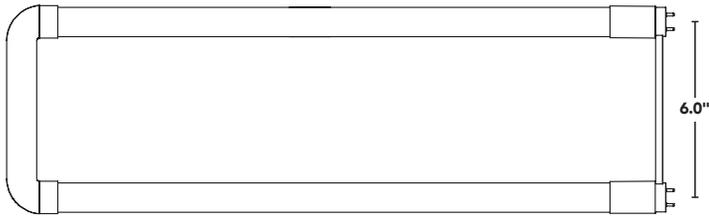
- Compatible Control Systems
 - Lutron EcoSystem Digital Control – dims down to 1%
 - Lutron 3-Wire Phase Control – dims down to 1%
 - DALI Digital – dims down to 1%
 - 0-10V – dims down to 5%
 - Line Voltage Dimming (LVD) – 5% (120V only for dimming)
- Simplest & safest option for substantial maintenance and energy savings
- Keep existing fixtures, sensors, and control system—no mess, no fixture recycling, and no need to break the ceiling plane
- Retrofit for over 50% less than installing a new fixture



U6

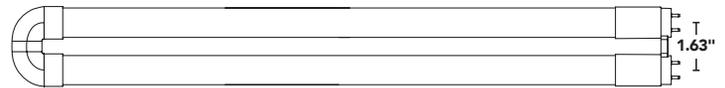


U158



22.45"

6.0"



22.45"

1.63"



1.1"



120-277V
EXT DRIVER / LVD = 120V DIMMING ONLY

0-10V
DIMMING DIMS DOWN TO 5%

LUTRON ECOSYSTEM & 3-WIRE

TYPE C RETROFIT

20% THD >90
PWR FACTOR

340°
LIGHT DISTRIBUTION

80+
CRI

32°F TO 104°F
OPERATING TEMP

L70
50,000hrs RATED LIFE

ETL CLASSIFIED





PART NUMBER BUILDER

MFR	TYPE	LENGTH	# OF LAMPS	CCT	CONTROL INTERFACE*	CASE (C)	GEN	OPTIONS
RP							G1	
	U6 U158	2FT	1L 2L 3L	830 = 3000K 835 = 3500K 840 = 4000K 850 = 5000K	E1 = LUTRON ECO SYSTEM (DIMS DOWN TO 1%) 3W = LUTRON 3-WIRE (DIMS DOWN TO 1%) 10V = 0-10V DIMMING (DIMS DOWN TO 5%. KITS W/ M CASE DRIVER REQUIRE WATTAGE OPTION. SEE CONFIGURATION TABLE BELOW FOR SETTINGS) LVD = LINE VOLTAGE DIMMING (5% DIMMING TYPICAL. 120V/277V SWITCHED; 120V ONLY FOR DIMMING) DA = DALI DIGITAL (DEFAULT DRIVER SETTINGS: CONTROL OUTPUT ENABLED, LOGARITHMIC DIMMING, 1% DIMMING LEVEL. CONTACT US IF DIFFERENT SETTINGS ARE REQUIRED) *CONTACT US FOR ADDITIONAL CONTROL OPTIONS	K = SQUARE W/ STUDS KN = SQUARE W/O STUDS M = LINEAR (SEE DIMENSIONS ON PAGE 5)		-BMF -EMG -W SEE TABLE BELOW

EXAMPLE PART NUMBER RP-T8-4FT-1L-830-10V-M-G2-EMG

OPTIONS

BMF	EMG	W
ECOSYSTEM BALLAST MODULE Must specify 3W control only. Used only if EC5 ballast had sensors connected. 	EMERGENCY BATTERY BACKUP (See page 4 for more details)	SPECIFIC WATTAGE (Only required with 0-10V M-case driver option)



E1 DRIVER (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-1L-8XX-E1-C-G1	1	16	2200	A
RP-U6-2FT-2L-8XX-E1-C-G1	2	32	4400	A
RP-U6-2FT-3L-8XX-E1-C-G1	3	48	6600	B
RP-U158-2FT-1L-8XX-E1-C-G1	1	16	2200	A
RP-U158-2FT-2L-8XX-E1-C-G1	2	32	4400	A
RP-U158-2FT-3L-8XX-E1-C-G1	3	48	6600	B

3W DRIVER (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-1L-8XX-3W-C-G1	1	16	2200	A
RP-U6-2FT-2L-8XX-3W-C-G1	2	32	4400	A
RP-U6-2FT-3L-8XX-3W-C-G1	3	48	6600	B
RP-U158-2FT-1L-8XX-3W-C-G1	1	16	2200	A
RP-U158-2FT-2L-8XX-3W-C-G1	2	32	4400	A
RP-U158-2FT-3L-8XX-3W-C-G1	3	48	6600	B

LVD-KN DRIVER (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-1L-8XX-LVD-KN-G1	1	14	1900	A
RP-U6-2FT-2L-8XX-LVD-KN-G1	2	28	3800	A
RP-U6-2FT-3L-8XX-LVD-KN-G1	3	44	5700	B
RP-U158-2FT-1L-8XX-LVD-KN-G1	1	14	1900	A
RP-U158-2FT-2L-8XX-LVD-KN-G1	2	28	3800	A
RP-U158-2FT-3L-8XX-LVD-KN-G1	3	44	5700	B

LVD-M AND K DRIVER* (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-2L-8XX-LVD-C-G1	2	32	4300	A
RP-U6-2FT-3L-8XX-LVD-C-G1	3	46	6400	B
RP-U158-2FT-2L-8XX-LVD-C-G1	2	32	4300	A
RP-U158-2FT-3L-8XX-LVD-C-G1	3	46	6400	B

*REPLACE "C" WITH M OR K IN ORDER TO SPECIFY DRIVE CASE TYPE

DA DRIVER* (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-1L-8XX-DA-M-G1	1	16	2200	A
RP-U6-2FT-2L-8XX-DA-M-G1	2	32	4400	A
RP-U6-2FT-3L-8XX-DA-M-G1	3	48	6600	B
RP-U158-2FT-1L-8XX-DA-M-G1	1	16	2200	A
RP-U158-2FT-2L-8XX-DA-M-G1	2	32	4400	A
RP-U158-2FT-3L-8XX-DA-M-G1	3	48	6600	B

*DEFAULT DRIVER SETTINGS: CONTROL OUTPUT ENABLED, LOGARITHMIC DIMMING, 1% DIMMING LEVEL. CONTACT US IF DIFFERENT SETTINGS ARE REQUIRED

10V-M DRIVER (PG. 5) W/ EMG CONFIGURATIONS (PG. 4)

PART #	LAMPS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS	EMG CONFIGURATION
RP-U6-2FT-1L-8XX-10V-M-G1-12W	1	12	1620	A
RP-U6-2FT-2L-8XX-10V-M-G1-12W	2	12	1620	A
RP-U6-2FT-3L-8XX-10V-M-G1-12W	3	2	1620	A
RP-U158-2FT-1L-8XX-10V-M-G1-12W	1	12	1620	A
RP-U158-2FT-2L-8XX-10V-M-G1-12W	2	12	1620	A
RP-U158-2FT-3L-8XX-10V-M-G1-12W	3	12	1620	A
RP-U6-2FT-2L-8XX-10V-M-G1-25W	2	25	3375	A
RP-U6-2FT-3L-8XX-10V-M-G1-25W	3	25	3375	A
RP-U158-2FT-2L-8XX-10V-M-G1-25W	2	25	3375	A
RP-U158-2FT-3L-8XX-10V-M-G1-25W	3	25	3375	A
RP-U6-2FT-3L-8XX-10V-M-G1-40W	3	40	5400	B
RP-U158-2FT-3L-8XX-10V-M-G1-40W	3	40	5400	B

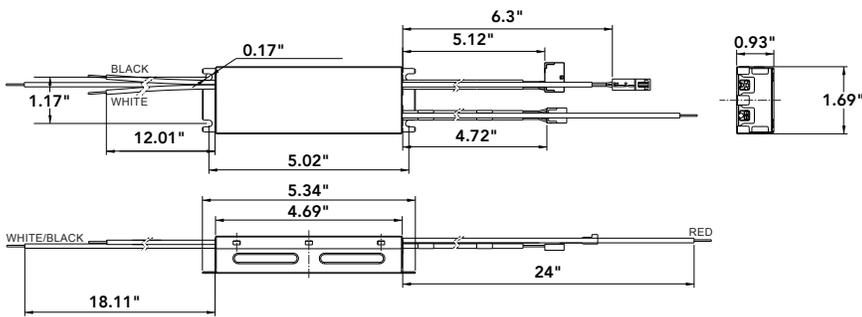


EMG CONFIGURATIONS

4W ALL-IN-ONE EMG [CONFIGURATION A]	4W ALL-IN-ONE EMG W/ SEPARATE LIGHT ENGINE [CONFIGURATION B]	8W EMG DRIVER, SEPARATE BATTERY & LIGHT ENGINE [CONFIGURATION C]
<p>EXISTING TUBES WILL LIGHT IN EMG MODE Approximately 500 lumens for 90 minutes. Contact us for more options</p> <p style="text-align: center;">DRIVER</p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) SEE EXAMPLE 1 BELOW FOR WIRING DIAGRAM</p>	<p>SEPARATE LIGHT ENGINE WILL LIGHT IN EMG MODE Approximately 500 lumens for 90 minutes. Contact us for more options</p> <p style="text-align: center;">DRIVER</p>  <p style="text-align: center;">LIGHT ENGINE</p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) LIGHT ENGINE DIMENSIONS: 4.7" x .83" x .04" SEE EXAMPLE 2 BELOW FOR WIRING DIAGRAM</p>	<p>SEPARATE LIGHT ENGINE WILL LIGHT IN EMG MODE Approximately 1000 lumens for 90 minutes. Contact us for more options</p> <p style="text-align: center;">DRIVER + LIGHT ENGINE</p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) LIGHT ENGINE DIMENSIONS: 4.7" x .83" x .04" BATTERY DIMENSIONS: 3.48" x 2.76" x .99" (SEE LINE DRAWING BELOW)</p>

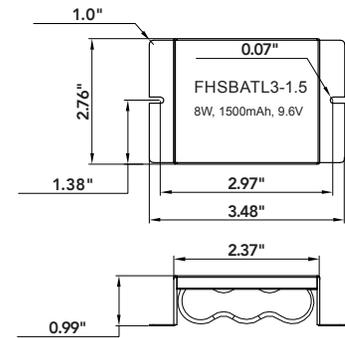
EMG

USED FOR ALL EMG KITS



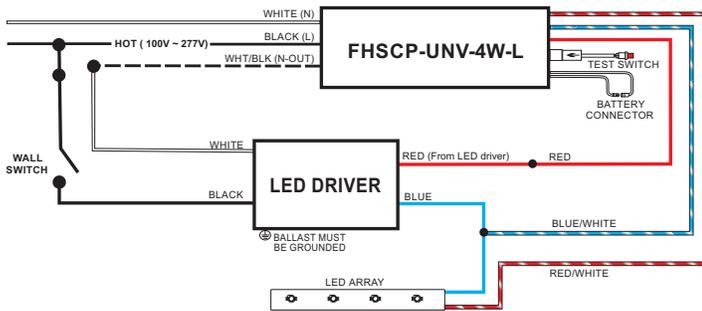
EMG W/ EXTERNAL BATTERY

USED FOR CONFIGURATION C

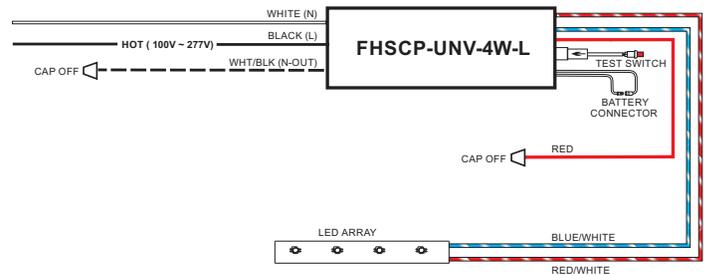


WIRING DIAGRAMS

CONFIGURATION A



CONFIGURATION B & C



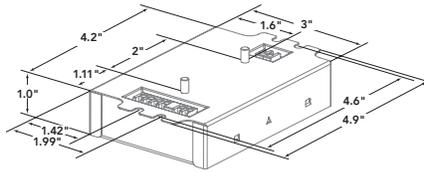


DRIVER DIMENSIONS

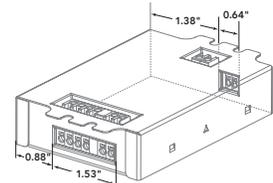
LUTRON



CASE TYPE K



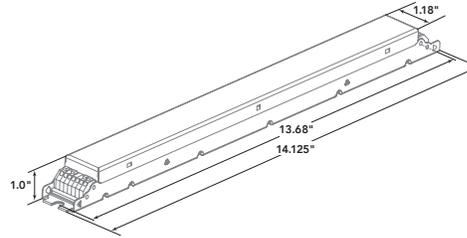
K CASE CONNECTOR LOCATIONS (WITH STUDS)



KN CASE SIDE ENTRY CONNECTOR LOCATIONS (WITHOUT STUDS)



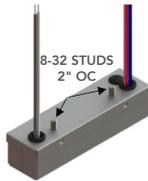
CASE TYPE M



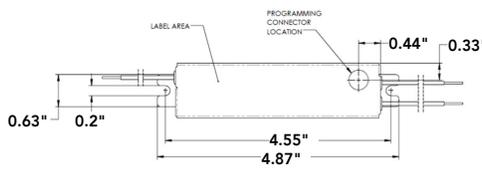
LVD



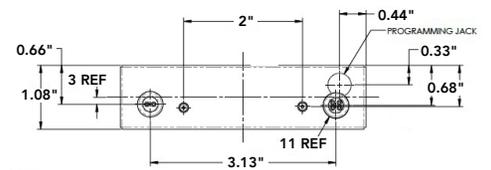
M CASE



K CASE



M CASE



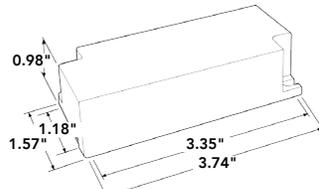
K CASE



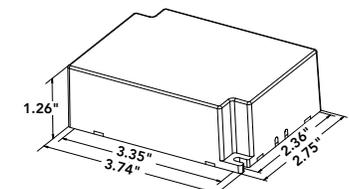
KN CASE
25W SYSTEM MAX



KN CASE
26W-60W SYSTEM MAX



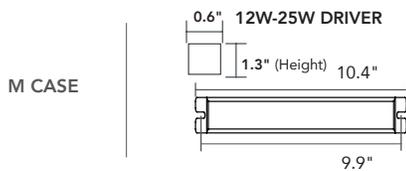
KN CASE 25W SYSTEM MAX



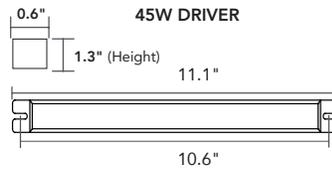
KN CASE 26W-60W SYSTEM WATTAGE

NOTE IT IS IMPORTANT THAT LVD DRIVERS ARE MOUNTED TO A FLAT SURFACE IN ORDER TO MAXIMIZE SERVICE LIFE

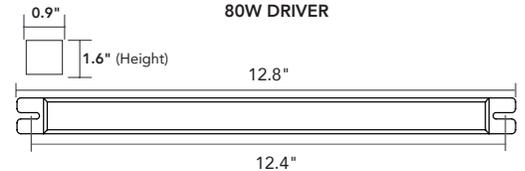
10V



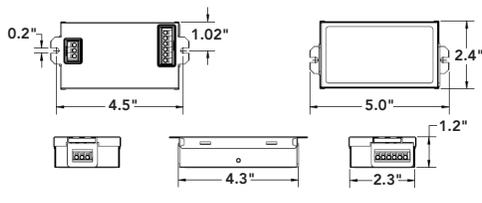
M CASE



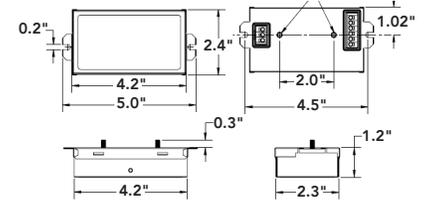
45W DRIVER



80W DRIVER



KN CASE



K CASE



MOST COMMON FIXTURE TYPES

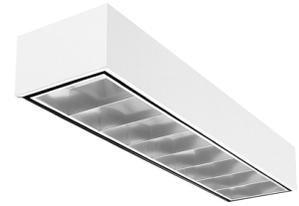
CEILING / TROFFER



PARABOLIC CEILING / TROFFER



SURFACE MOUNT



FOR MORE INFORMATION VISIT C-FLEXRETROFITS.COM OR CONTACT US