

illumEconLED Retrofit installation FEL Series for CalTrans Type A Signs

Read all instructions before beginning.

GENERAL SPECIFICATIONS FEL SERIES LED FIXTURES

Input Power: 120VAC - 277VAC @ 60Hz

Max Wattage: 45W@6ft (FEL1072)
63W@8ft (FEL1096)

Max Amps: 0.625 Amps

WARNING: DISCONNECT OR TURN OFF POWER TO SIGN BEFORE INSTALLING LED RETROFIT. INSTALLATION TO BE DONE BY A QUALIFIED PROFESSIONAL.

- 1) Disconnect power to sign.
- 2) Prepare sign interior for retrofit upgrade by removing all existing internal fluorescent components, ballasts and reflectors. Socket assemblies will not be used with the illumEcon Retrofit unit. (FIG 1, FIG 2)
- 3) Prepare the folded unit for installation. Remove finger tight bolt from spar at folding joint, unfold spar, reinsure bold, tighten and connect electrical connectors at folding joint. (FIG 3)
- 4) Install two mounting adapters and tighten thumb screws. Position the FEL assembly inside the sign housing so the LED driver unit is closest to the AC unit. (FIG 4, FIG 5)
- 5) Snap in lightspar and complete electrical hookup in accordance with any municipal requirements. (FIG 6)

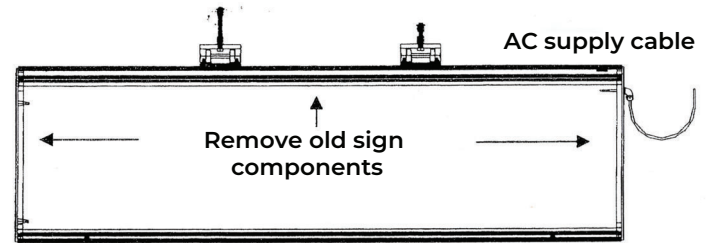


FIGURE 1

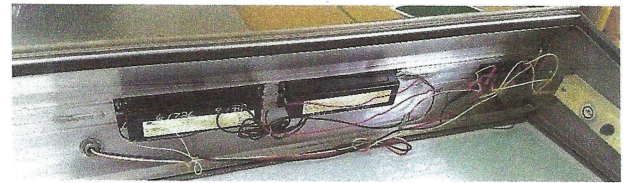


FIGURE 2

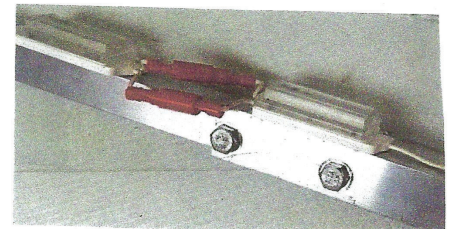


FIGURE 3



FIGURE 4/5

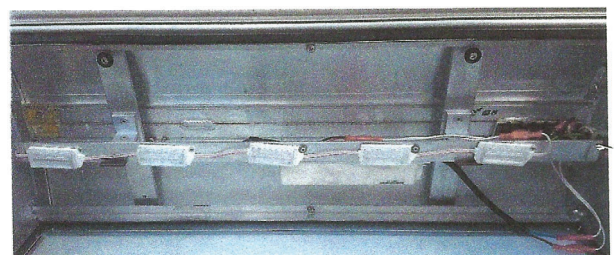


FIGURE 6



CAL TRANS TYPE A SIGNS

KEY FEATURES: FEL SERIES

- Great for retrofitting existing CalTrans Type A Signs
- High-lumen LED modules with low power consumption
- Energy efficient design reduces operation costs



6' Fixture - FEL1072

Modules:	14 @ 1.9W/Module
Power:	28W
Output:	105 lumens/Watt
Total Lumens:	2,940 per sign
Rating:	IP67
Warranty:	5 Years

8' Fixture - FEL1096

Modules:	18 @ 1.9W/Module
Power:	38W
Output:	105 lumens/Watt
Total Lumens:	3,990 per sign
Rating:	IP67
Warranty:	5 Years

