



FTS 812(L) REIL/RTIL Light

A runway end identifier light (REIL) or runway threshold identification light (RTIL) system consists of two synchronized, unidirectional flashing lights visible from three miles during the day and 20 miles at night or poor weather conditions. Installed facing the approach, a REIL marks the end of an active runway.

The FTS 812(L) is an LED voltage-driven REIL that complies with FAA L-849(L) Styles A and E. Used as a simple REIL, the FTS 812(L) offers three intensity settings. The flashhead and power converter may be mounted together or separately to adapt to specific terrain needs.

Standard Features

- Modular design for easy maintenance
- Long-lasting LED flashheads require a low operational voltage
- Configure for 1- or 3-step intensity
- Compatible with air-to-ground radio controllers and ground-to-ground remote systems

System Options

- Remote mount power controller

Regulatory Compliance

- FAA AC 150/5345-51B L-849(L) Style A (high intensity 1-step) and Style E (3-step)
- ICAO Annex 14 Volume 1 runway threshold identification lights
- Transport Canada TP 312 5th Edition



FTS 812(L)

FLASHHEAD - FH 800(L)

Flash Rate	60 or 120 fpm
Coverage	30° horizontal coverage
Beam	10° vertical beam
Elevation Angle	Adjustable elevation angle 0 to 15°

VOLTAGE-DRIVEN POWER CONVERTER - PC 800(L)

Power *		High	Medium	Low
	Single FH with Controller	35.5 W	10 W	8 W
	Two FHs with Controller	64.5 W	16 W	12 W
Voltage	120-240 VAC, 50 and 60 Hz			
Amperage *	171 VA at 120 VAC 193 VA at 99 VAC			
Interlocks	Yes			
Internal Surge Protection	Yes			
Construction	Powder-coated aluminum FH and PC, stainless steel hardware			
Temperature	-40 to +131°F (-40 to +55°C)			
Protection Rating	IP 65, NEMA 4			

WEIGHT AND DIMS

Component	Dimensions [in (mm)]			Weight [lbs (kg)]
	Width	Height	Depth	
FTS 812(L) Co-mounted Assembly	18.6 (473)	19 min-32.5 max (483 min-826 max)	21.5 (546)	37.9 (17.2) **
FTS 812(L) Remote Mount Assembly	7.9 (201)	19 min-32.5 max (483 min-826 max)	16.5 (419)	18.8 (8.5) **
PC 800(L) Power Converter ***	12.8 (325)	18.6 (473)	7.7 (196)	17.1 (7.8)
FH 800(L) Flash Head	7.9 (201)	15.1 (384)	11.6 (295)	12.9 (5.9)

CONFIGURATION

Mounting	Output	Power	Control
Permanent	Visible	Solar	Wired
Portable	Visible/IR	Generator Battery AC	

* Power and amperage reflects two flashheads.

** Does not include 2" EMT conduit or any fittings below it.

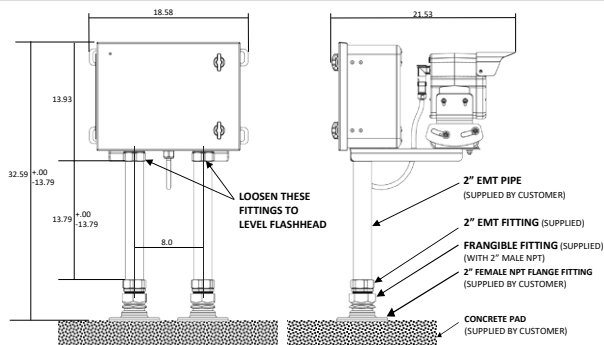
*** Does not include flashhead mounting brackets.

LIGHTING INTENSITIES

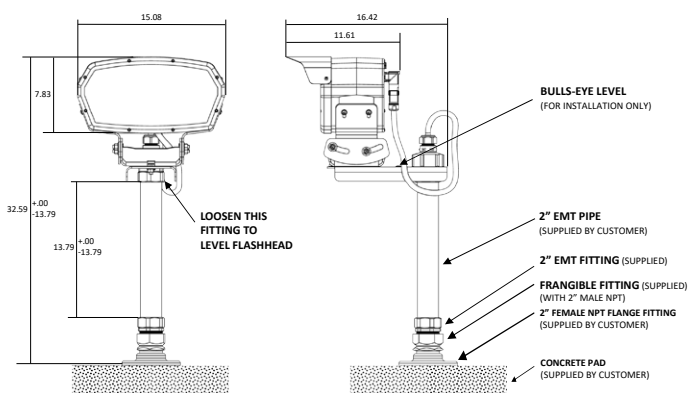
Style	High Intensity	Medium Intensity	Low Intensity
A	15,000 ecd	--	--
E	15,000	1,500	300

SYSTEM MOUNTING

Co-mount

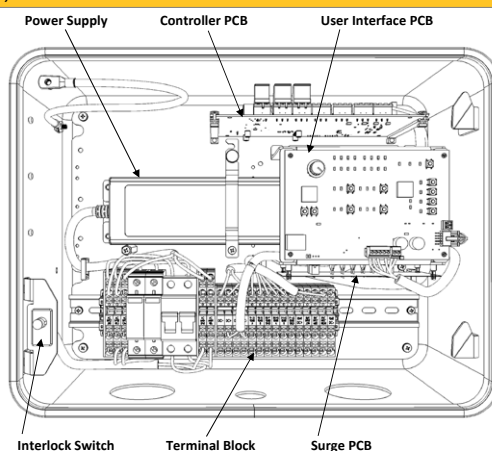


Remote Mount



Note: All dimensions are in inches.

PC 800(L) COMPONENTS



FLASH TECHNOLOGY

flashsales@spx.com | flashtechnology.com/airfield | 1.615.503.2000

©2021 Flash Technology. All rights reserved. Data and specifications subject to change without notification. ISO 9001:2015. DL812-01 Rev C