COOPER Crouse-Hinds
AIRPORT LIGHTING PRODUCTS

REIL

Runway End Identifier Lights

Compliances: FAA/AC 150/5345-51; L-849 A,B,E,F
ICAO Annex 14
Transport Canada Specification K 312

Applications

The primary application of a REIL system is to positively identify the end or the threshold of a visual or instrument non-precision runway.

This REIL system consists of two synchronized flashing lights. One flasher unit is located at each side of the runway threshold.

Features

- ETL Certified
- CSA Certified
- Easy to install – each REIL unit consists of a flash head and a control box, mounted on the same support leg(s).
- Easy to maintain – special tools are not required.
- Does not require separate control cabinet – REIL Master Unit with integral system control.
- Elapsed time meter
- Safety interlock in each control box and flash head.
- Weather resistant – painted parts are coated with U.V. resistant paint, electrostatically applied.

NOTE: Each current (series circuit) operated REIL must be powered by a dedicated 4kW (minimum) constant current regulator.

Ordering Information

How to Order: To the Basic Catalog Number, add the symbols for FAA Style and Input Power, as shown below. Add Option numbers as required.

F	T	S	–			2	–			

Fixture Type:

Beam Orientation:
4 = Omni Directional (FAA Style B,F)
8 = Uni Directional (FAA Style A,E)

Input Type:
1 = Voltage operated with internal (SC 415) controller**
3 = Current (series) operated

Voltage* (Input Type 1 Only):
240 = 240 V. 60 Hz
230 = 230 V. 50 Hz

* For optional 120 V, 60 Hz consult factory
FTS SERIES products are manufactured by Flash Technology, Franklin, TN.
** For optional current sensing control of the voltage operated REIL, also order FTC-435 Controller and (1) 30/45W isolation transformer

Technical Data

Instruction Manual: FTS 400/800
FTS 430/830

Primary Power:
Voltage Unit, 240VAC +10% 60Hz / 230VAC +10% 50Hz , 1 Phase
Current Unit, Direct connect to secondary of standard FAA type L830

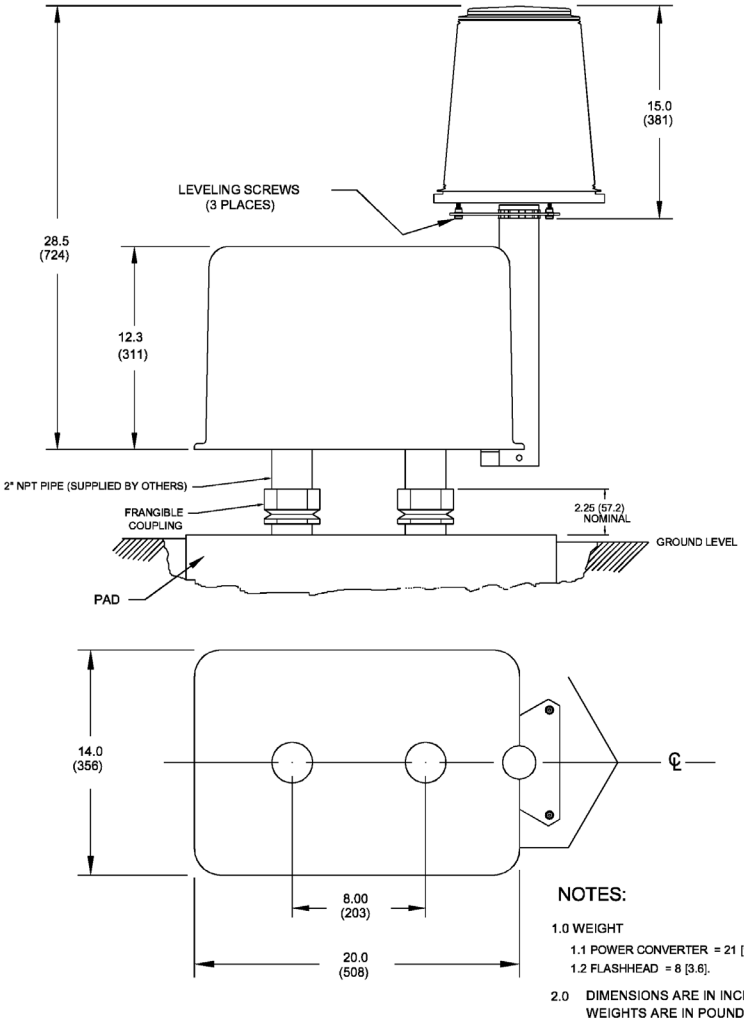
Isolating Transformer
120 Watts (High) 85 Watts (Med) 65 Watts (Low)
300 Volt Amperes (High Intensity)

Effective Intensity:
Style A, E = 20,000, 2000, 450 effective candelas.
Style B, F = 300 ± 50%, 1,500 ± 5% and 5,000 ± 5% effective candelas

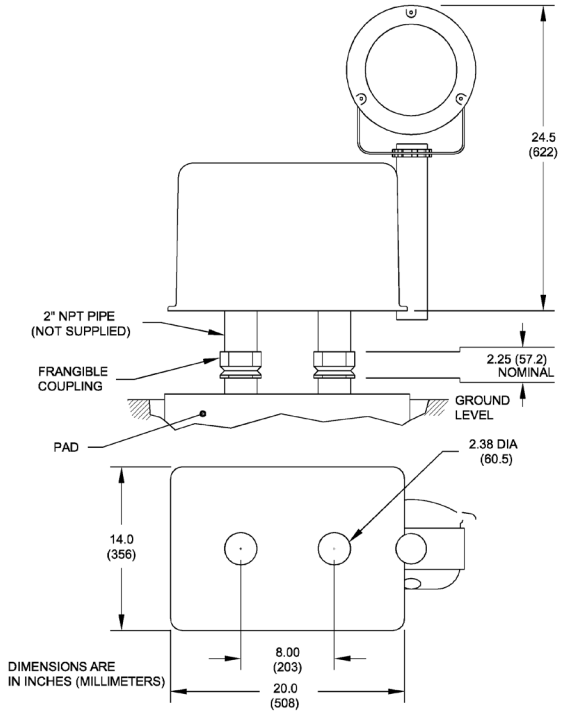
Flash Rate:
60 Flashes per minute (400)
120 Flashes per minute (800)

Beam Pattern:
Omnidirectional coverage: 360 degrees horizontal, 8 degrees vertical
Unidirectional coverage: 30 degrees horizontal, 10 degrees vertical

Outline Drawings



FTS 4 Series Co-Mounted
Omni Directional



FTS 8 Series Co-Mounted
Uni Directional

Renewal Parts

Part Number	Description	Part Number	Description
8384329	Flashtube (FH 400)	2711402	HV Rectifier Board
8901701	Flashtube (FH 800)	8900494	Relay, mode (K1, K2)
8743701	Lens (FH 400)	2730300	Timing & Trigger Board
8288201	Trigger Transformer (FH 400, FH 800)	2458005	HV Rectifier Board (Voltage)
33010	300W 6.6/6.6A Isolation Transformer	2652318	Timing & Trigger Board (Voltage)

For additional replacement parts contact factory

Shipping Weights and Volumes

REIL Catalog Number	Shipping Weight Lbs.	Shipping Weight Kg.	Shipping Volume Cu.Ft.	Shipping Volume Cu.M.
FTS 4 Series	29	13.1	37	1.048
FTS 8 Series	25	11.3	37	1.048