

## Semi-Flush Runway Centreline and Rapid Exit Taxiway Indicator Light

### Compliances:

- ICAO: Annex 14 - Volume I
- FAA : L-850A AC150/5345-46 (Current Edition)
- IEC: TS 61827
- NATO: STANAG 3316

### Manual:

- Instruction Manual **UT- MT- 0428**



### Applications:

- The RCLF is a high intensity semi-flush runway centreline light that can be used for any category I, II and III ICAO, FAA and military runways.
- These fixtures are designed to be powered by series circuits.
- The field installation shall be in compliance with the requirements of ICAO - Annex 14, FAA or STANAG 3316 Specs.

### Performances and benefits:

- 6mm protrusion: FAA Style 3 and IEC Style 4 to reduce damages to aircraft tires and snowplough blades.
- Dome temperature less than 160° C when the light is working at 6.6 A.
- 1500 hours lamp rated life at 6.6 A or far over 3000 hours in field operating conditions.
- Significant energy savings and stable chromaticity thanks to the use of dichroic filters.
- Designed and manufactured with simplicity and easy to maintain.

### Features:

- Aluminium treated drop-forged dome and cast aluminium lower cover.
- Unidirectional or bidirectional, 12" dia., with one or two lamps respectively.
- Each prism is mechanically clamped to the dome by means of a mounting plate; a customized lens gasket avoids the use of sealing. Replacement is quick and easy.
- No optical adjustment is required after the replacement of the lamps, filters or prisms.
- An O-ring placed outside around the dome avoids dirt deposits between light unit and mounting assembly.
- The removal of the fixture is easy thanks to the two seats provided on the dome.

### Luminous Sources:

- One or two 48W 6.6A tungsten-halogen lamps complete with dichroic reflector and cable with male faston terminal.

### Power Supply:

- From 30/45W up to 300W series transformer.

### Base:

- Cast aluminium shallow base, 8" dia. (mounting assembly B), with two threaded holes, for fastening the light unit. The base is equipped with one or two cable leads, each consisting of two single-pole leads, with FAA L-823 receptacle. Special bases without cable leads can be supplied on request with suitable holes for conduit connections.
- The light unit can be directly mounted on a deep base, L-868 type, size B or a shallow base, 12" dia., when fitted with the adaptor ring.

### How to order:

**RCLF - F - CC - 090 - 2P - B - F**

**Basic P/N:** \_\_\_\_\_

**Compliance:** \_\_\_\_\_  
 F = FAA  
 I = ICAO Cat. III  
 S = ICAO Cat. I - II

**Colour(Side A)/(Side B):** \_\_\_\_\_  
 C = Clear  
 R = Red  
 Y = Yellow  
 X = Screened  
 M = Blank (unidirectional dome)

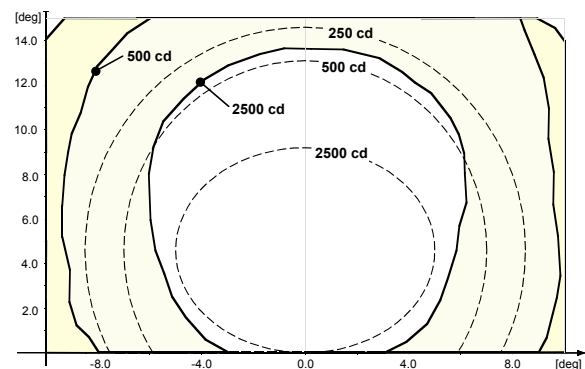
**Lamps:** \_\_\_\_\_  
 045 = 1x48W 6.6A reflectorized  
 090 = 2x48W 6.6A reflectorized

**Electrical System:** \_\_\_\_\_  
 1P = One Plug  
 2P = Two Plugs

**Mounting Assembly:** \_\_\_\_\_  
 B = L-868 base or Shallow base 12"; adaptor ring  
 8" - 12" required  
 O = No Mounting Assembly

**Options:** \_\_\_\_\_  
 F = Fuse Cutouts  
 E = Electronic Cutout Relays

FAA Approved, ETL certified.



ICAO 15 m – Clear

