





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.

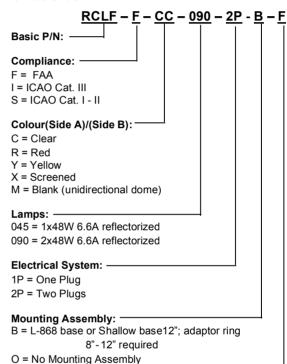
Power Supply:

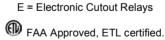
From 30/45W up to 300W series transformer.

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.

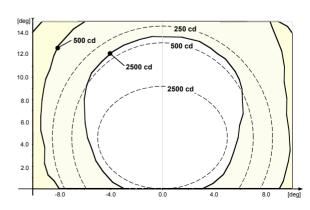
How to order:



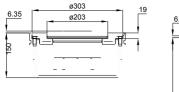


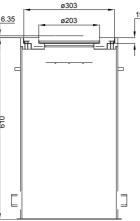
Options:

F = Fuse Cutouts



ICAO 15 m - Clear





RCLF - Typical installation





Accessories:

[P/N] Description

315.1230 Base L-868 type, class IA, size B, 24" deep *

315.1420 Flange ring with pavement dam for L-868 base, size B, with Oring and bolts

332.4140 Lifting tool (2 pieces to work properly)

* Sectional bases may be required depending upon the paving technique

For any information about isolating transformers and connectors, please see the specific catalogue pages

Shipping Weights and Volumes		
	Light Unit	
Weight (Kg)	2.9	
Volume (cu.m)	0.007	

Renewal Parts for light unit:

Aluminium bidirectional dome, complete with prisms and gaskets 1 Aluminium bidirectional dome, complete with prisms, RED filter and gaskets 2 O-Ring for dome 758.2014 3 O-Ring for lower cover 758.2120 4 Prism Gasket 325.0430 5 Prism 318.1241 6 Teflon Gasket 325.0416 7 Mounting Plate 341.0960 8 Dichroic RED filter 318.8165 8 Dichroic YELLOW filter 318.8207 9 48W 6.6A Halogen Lamp 760.2191 10 Lampholder for bidirectional light 152.1700 11 Fuse Cutout 000.1466 12 Insulated Strip with Hardware 329.3025 13 Lower cover assembly with 2 entries, complete with plug and valve 14 O-Ring for base 758.2008 15 O-Ring for terminal bush 758.2035 16 FAA L-823 plug 329.0050 17 Valve for watertightness test 786.7045	[N°]	Description	[P/N]
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16 FAA L-823 plug 329.0050	14	O-Ring for base	758.2008
	15	O-Ring for terminal bush	758.2035
17 Valve for watertightness test 786.7045	16	FAA L-823 plug	329.0050
	17	Valve for watertightness test	786.7045

(*) Take as reference the manual UT-MT-0428 for the complete list of the available spare parts.



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Manufactured by

