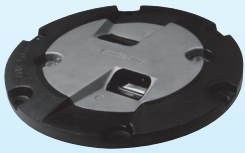


PRO III™ TCL1

Taxiway Centerline Light - Single Lamp



TCL1

Compliances: FAA AC 150/5345-46: L-852 A, and C
ICAO Annex 14: Fig. A2-13 & A2-15
UFC 3-535-01

Applications

The TCL1 is a taxiway centerline light that is used primarily as a ground traffic aid during periods of low visibility to guide aircraft between the runway and the parking stand. The TCL1 is a single 45W lamp fixture that supplies the same performance as our standard Pro III™ Fixture. It is not available with a blank side (i.e. GX or YX)

Features

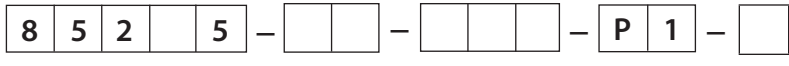


- ETL Certified
- Low profile, < .25" (6 mm) – FAA Style 3
- Unique combination of high-strength aluminum optical assembly and ductile iron outer ring for snow plow protection
- Low power consumption
- Few parts to stock
- Easy to maintain – no sealant required for prism or feed-through assembly replacement
- Pressure test plug for seal integrity verification

Outline Drawing

Dimensions:	inches (mm)
Instruction Manual:	2410
Shipping Weight:	21.0 lbs. 9.5 kg
Shipping Volume:	0.7 cu. ft. 0.02 m ³

Ordering Information



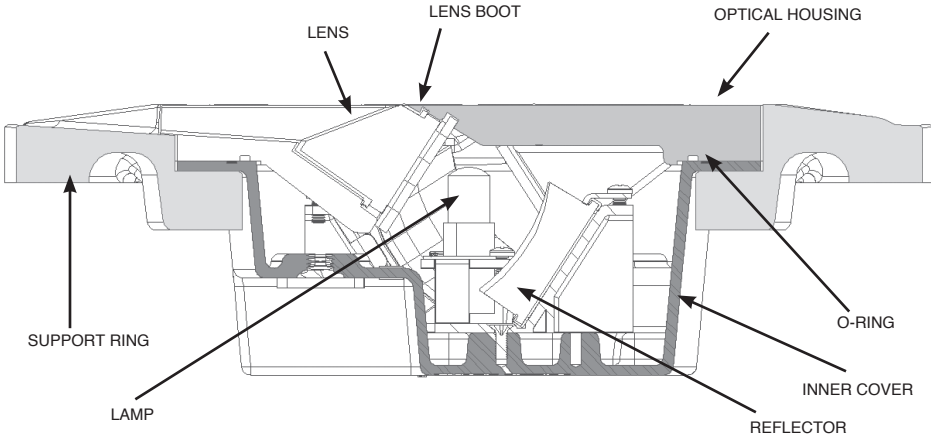
Fixture Type:
A = L-852A (Narrow, Cat. II)
C = L-852C (Narrow, Cat. III)

Color Filters:
YY = Yellow/Yellow
GY = Green/Yellow
GG = Green/Green

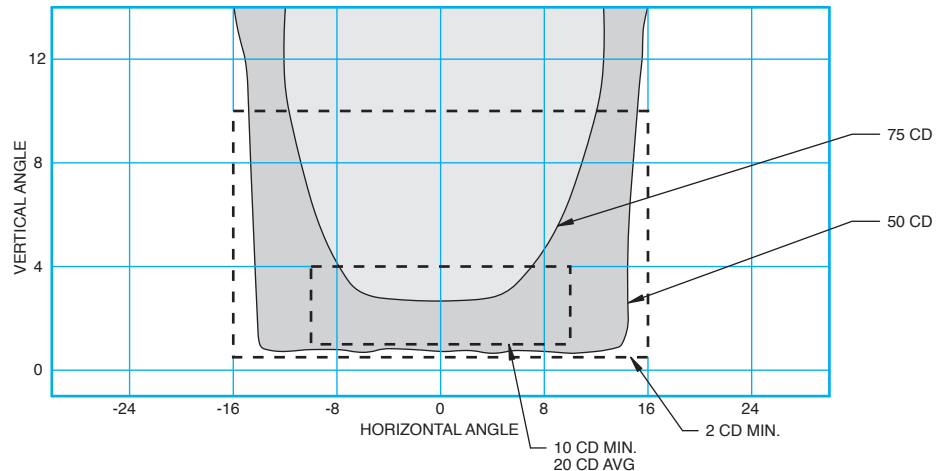
Fixture Diameter:
12F = Optical assembly with 12" FAA support ring
NSR = Optical assembly without support ring

L-823 Plug Connection:
P1 = One plug (Blank color units will have a threaded cap installed.)

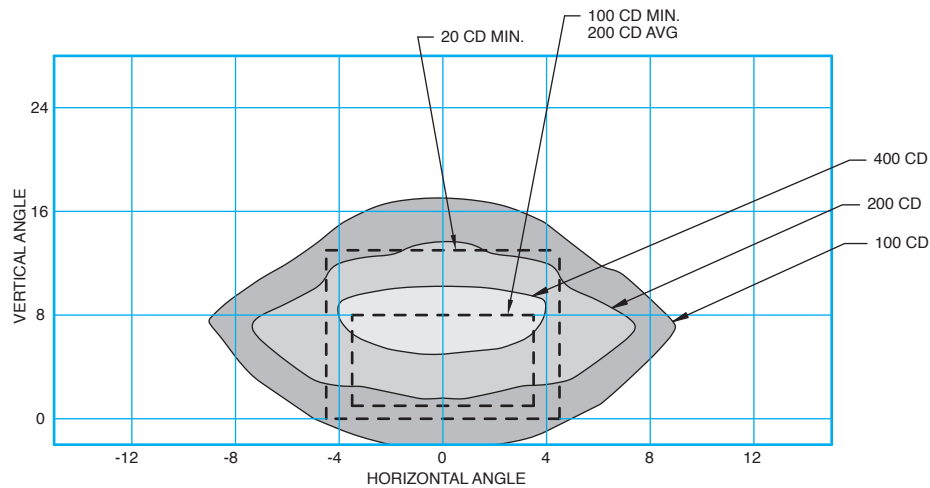
Option:
G = External gasket between optical assembly and support ring
(Note: Optical assemblies with external gasket will only fit support rings marked "G" on top surface.)



Typical Photometric Data



FAA L-852A Narrow (Straight Section), CAT II



FAA L-852C Narrow, (Straight Section), CAT III

Accessories

Catalog Number	Item Description	Catalog Number	Item Description
AC24242H200303	Base: L-868B, Class I*, 24" Deep	823KP-D4-D4	Connector Kit – L-823, 8 AWG, .32" to .43" O.D.
33001	Isolation Transformer – 45 W, 6.6/6.6 A	10047-2154	Heat Shrink Kit – 1 Piece
		10047-1425	Heat Shrink Kit – 2 Piece
		19999	Lifting Tool (for outer ring)

* Sectional bases may be required depending upon the paving technique

Renewal Parts

Part Number	Description	Part Number	Description
21126-G or Y	Lens Replacement Kit – Green or Yellow	21122	Feed-through Assembly – 1 Lamp, 1 Connector
		10048-25	Gasket Lubricant – 5.3 oz Container
		852X3-XX-NSR-XX	Spare Optical Assembly
		10035-62	O-Ring
		10047-2888	45W Lamp, 6.6A

Note:

1. Lens Replacement Kit includes lens, lens boot, lens retaining gasket, gasket lubricant, and lens retaining bracket and screws.

