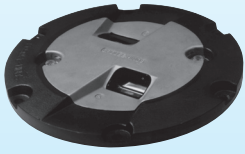


PRO III™ TCL 6



TCL

Taxiway Centerline Light

Compliances: FAA AC 150/5345-46: L-852 D
UFC 3-535-01

Applications

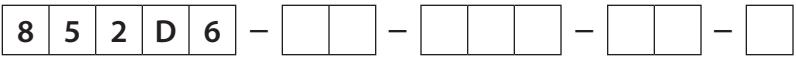
The TCL is a taxiway centerline light that is used primarily as a ground traffic aid during periods of low visibility to guide aircraft between the runway and the parking stand. The TCL is often a bidirectional light (using two 32 W lamps), but it also may be a unidirectional light (using one 32 watt lamp) on certain taxiways, such as high speed turnoffs.

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
- Long lamp life – Quartz Halogen, 32 W

Ordering Information



Fixture Type:
D = L-852D (Wide, Cat. III)

Color Filters:
GX = Green/Blank YY = Yellow/Yellow
YX = Yellow/Blank GY = Green/Yellow
GG = Green/Green

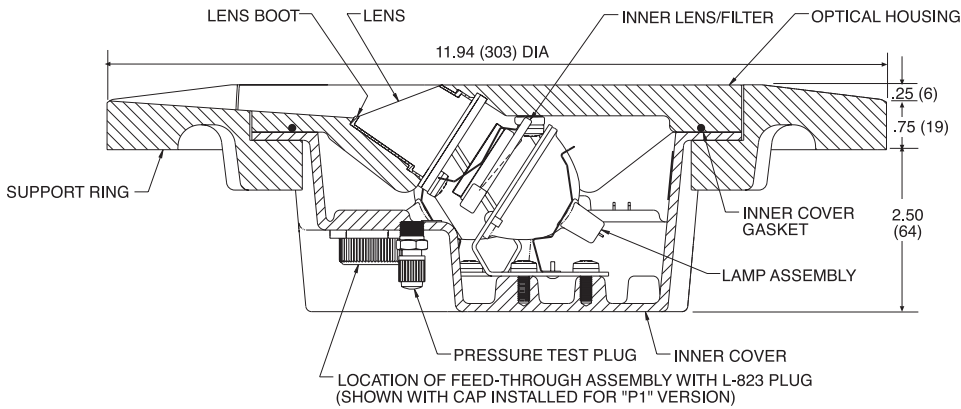
Fixture Diameter:
12F = Optical assembly with 12" FAA support ring
NSR = Optical assembly without support ring
(See note 2; next page)

L-823 Plug Connection:
P1 = One plug (Blank color units will have a threaded cap installed.)
P2 = Two plugs (Two color units only. Note: For this feature only, blank is not considered a color.)

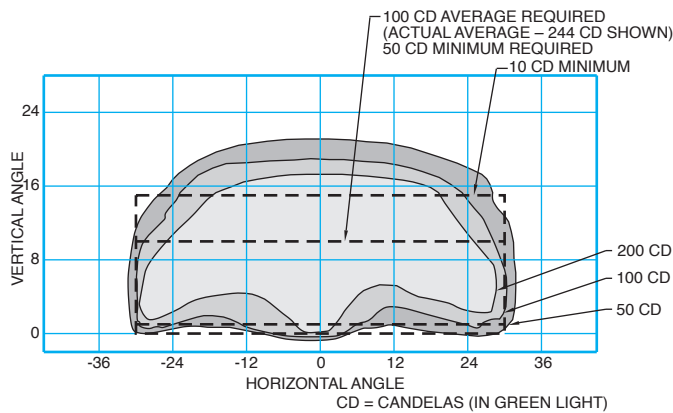
Options:
G = External gasket between optical assembly and support ring
(Note: Optical assemblies with external gasket will only fit support rings marked "G" on top surface.)

Outline Drawing

Dimensions:	inches (mm)
Instruction Manual:	2803
Shipping Weight:	23.0 lbs. 10.4 kg
Shipping Volume:	0.7 cu. ft. 0.02 m ³



Typical Photometric Data



FAA L-852D , Wide (Curved 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
33002	Isolation Transformer – 45 W, 20/6.6 A	10047-1425	Heat Shrink Kit – 2 Piece
33003	Isolation Transformer – 65 W, 6.6/6.6 A	19999	Lifting Tool (for outer ring)

* Sectional bases may be required depending upon the paving technique

Renewal Parts

Part Number	Description	Part Number	Description
21127	Lamp – 32 W, 6.6 A	21121	Feed-through Assembly – 2 Lamp, 1 Connector
21126-C	Lens Replacement Kit – Clear	21122	Feed-through Assembly – 1 Lamp, 1 Connector
21130-G	Filter – Green (wide)	10048-25	Gasket Lubricant – 5.3 oz Container
21130-Y	Filter – Yellow (wide)	852X6-XX-NSR-XX	Spare Optical Assembly
21124*	Gasket – Bottom Cover	21180	External support ring gasket
10035-62*	O-Ring – Bottom Cover	21132	Fresnel gasket

* See instruction manual (2803).

Note:

1. Lens Replacement Kit includes lens, lens boot, lens retaining gasket, gasket lubricant, and lens retaining bracket and screws.
2. 852D6 fixtures and rings are not compatible with 852D3 fixtures and rings.

