

PRO III™

TCL Taxiway Centerline Light-LED

COOPER Crouse-Hinds
AIRPORT LIGHTING PRODUCTS



Compliances: FAA AC 150/5345-46B: L-852 A and C
USAF Regulation AFM 32-1076: Table 5.1

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8
5

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, but it also may be a unidirectional light on certain taxiways, such as high speed turnoffs.

Features

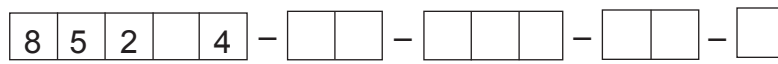


- ETL Certified
- Low profile, < .25" (6 mm) – FAA Style 3
- Unique combination of high-strength aluminum optical assembly and ductile iron outer ring for snow plow protection
- Few parts to stock
- Easy to maintain – no sealant required for prism or feed-through assembly replacement
- Pressure test plug for seal integrity verification
- Long life LED
- Direct Replacement on existing circuit
- Less than 11VA at highest step
- Complies with intensity curve requirements for a 3 step circuit

Outline Drawing:

Dimensions: Inches (Millimeters)
Instruction Manual: 2306
Shipping Weight: 19.0 lbs. 10.4 kg
Shipping Volume: 0.7 cu. ft. 0.02 m ³

Ordering Information



FAA Type: _____

Fixture Type: _____

A = L-852A (Narrow, Cat. II)

C = L-852C (Narrow, 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

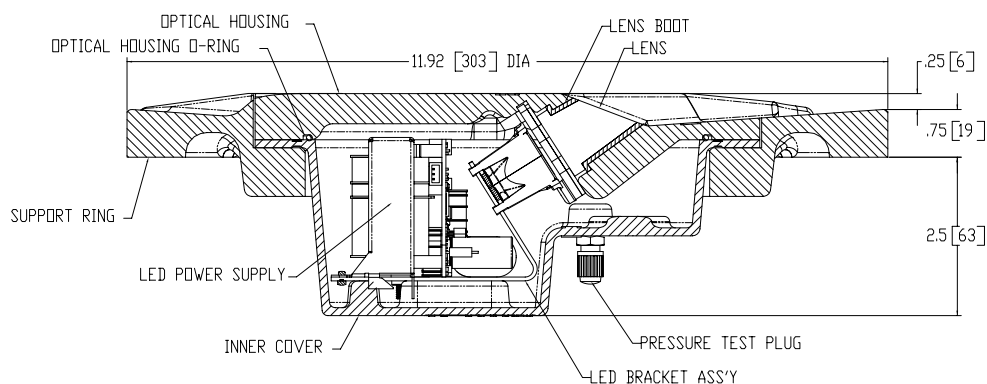
NSR = Optical assembly without support ring

L-823 Plug Connection: _____

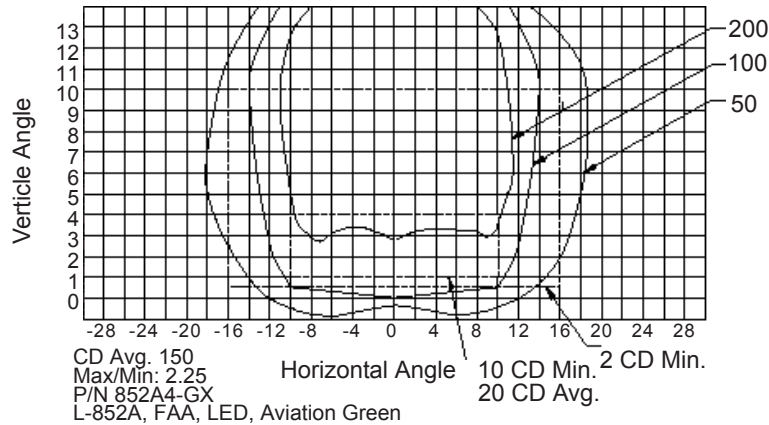
P1 = One plug (Blank color units will have a threaded cap installed.)

Options: 1 = Arctic Kit _____

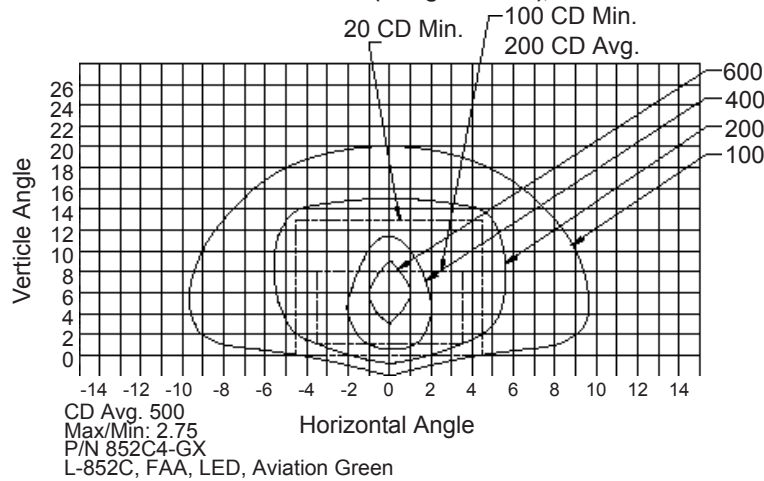
Note: Contact Crouse-Hinds for a 50Hz application.



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
AC24242H200003	Base: L-868B, Class I*, 24" Deep	823KP-D4-D4	Connector Kit – L-823, 8 AWG, .32" to .43" O.D.
33001	Isolation Transformer–30/45 W, 6.6/6.6 A	10047-2154	Heat Shrink Kit – 1 Piece
33015	Isolation Transformer–10/15 W, 6.6/6.6 A	19999	Lifting Tool (for outer ring)

* Two-Piece can may be required depending upon the paving technique

Renewal Parts

Part Number	Description	Part Number	Description
21126-C*	Lens Replacement Kit – Clear	21122	Feed-through Assembly – 1 Lamp, 1 Connector
10035-62	O-ring	10048-25	Gasket Lubricant – 5.3 oz Container
21201-G	Bracket "A" G Ass'y (LED Ass'y)	852X4-XX-NSR-XX	Spare Optical Assembly
21201-Y	Bracket "A" Y Ass'y (LED Ass'y)	21209-XX	Retrofit kit - Bottom Cover
21202-G	Bracket "C" G Ass'y (LED Ass'y)		
21202-Y	Bracket "C" Y Ass'y (LED Ass'y)		
21195	LED Power Supply		

* Includes 21102-C lens, 21103 lens boot, 21101 lens retaining gasket and gasket lubricant.