

L852B(L)/L852D(L) Taxiway Centerline Lights



Compliances (Current Editions)

FAA : AC150/5345-46, L-852B(L) & L-852D(L), Engineering Brief No.67, ETL Certified

ICAO : ANNEX 14 PARA 5.3.12, 5.3.13

IEC : 61827

Canada: TP 312



Application

Used for Taxiway Centerline and Curved Section Lighting with economic, long-life LED modules.

Key Features

- Low profile <25" (6mm) FAA Style 3
- Light weight aluminum forging top section superior mechanical strength and durability
- Easily replaceable non-sealed type prism
- Long life LED, > 50,000 hours
- Direct mounting on standard FAA L-868 Base with FAA Support Ring
- Compatible with all CCR types
- Protection Class: IP68
- L830-17 25W Isolation Transformer

Ordering Information

852□-□□-8□-□				Option	
Type	Color Options	Fixture Dimension		1 = Prism Hardness Coating	
				B = *RVR > 1200'	F = 8" Fixture with 12" FAA Support Ring
				D = RVR < 1200'	N = 8" Fixture, No Support Ring
				*Runway Visual Range	
	GG = Green/Green				
	GY = Green/Yellow				
	GO = Green/Obscured				
	YY = Yellow/Yellow				
	YO = Yellow/Obscured				

Specifications

Brief Specification

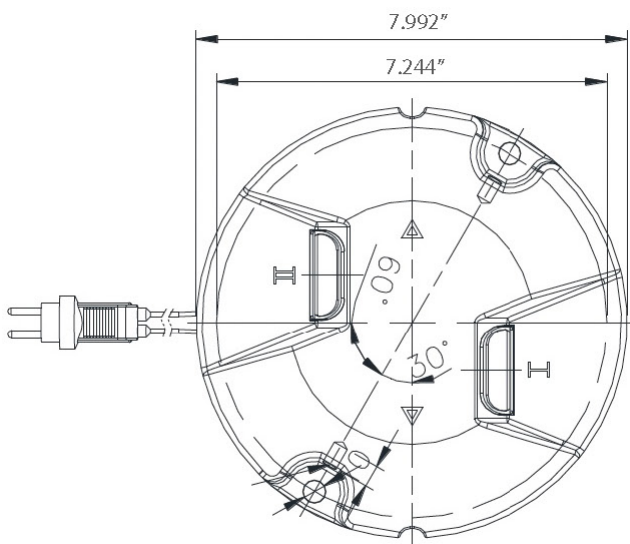
- Input Power : 2.8~6.6A
- Power Consumption:

L-852B(L)	Green/Green - 21VA	Yellow/Yellow - 21VA
(25W L-830 Transformer)	Green - 20VA	Yellow - 20VA
L-852D(L)	Green/Green - 25VA	Yellow/Yellow - 28VA
	Green - 22VA	Yellow - 23.5VA
	White/White - 27.5VA	White/Yellow - 27.5VA
	White - 23.5VA	
- Long life LED technology with reated projected lile of greater than 50,000hrs at 6.6A
- Protection Class: IP68
- Low profile: <.25" (6mm)
- Minimum Average Intensity data: Straight sectional 200cd / Curved sectional 100cd
- Chromaticity data: Green (x 0.196, y 0.734), Yellow (x 0.569, y 0.427)

Operating Conditions

- Operating Temperature: -40°C to +55°C
- Storage Temperature: -55°C to +55°C
- Ingress Protection: IP68
- Salt Fog: Per FAA AC AC 150/5345-46
- Temperature Shock: Per FAA AC AC 150/5345-46
- Humidity : 0~100%

Dimensions



Top View

Fixture

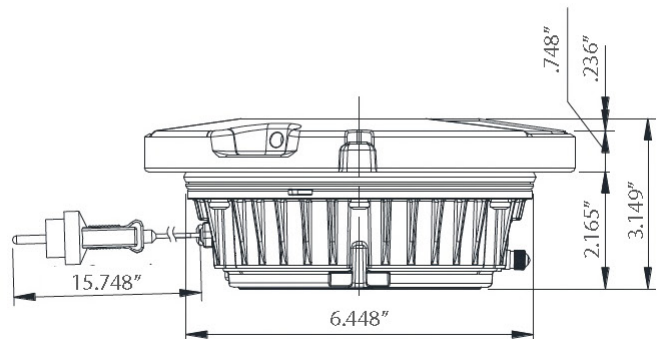
Shipping Weight 6.5lb (3.1kg)

Shipping Dimensions 9.5" x 8.5" x 4.5"
(241mm x 215mm x 114mm)

Support Ring

Shipping Weight 7.4lb (3.4kg)

Shipping Dimensions 12.5" x 12.5" x 3"
(317mm x 317mm x 76mm)



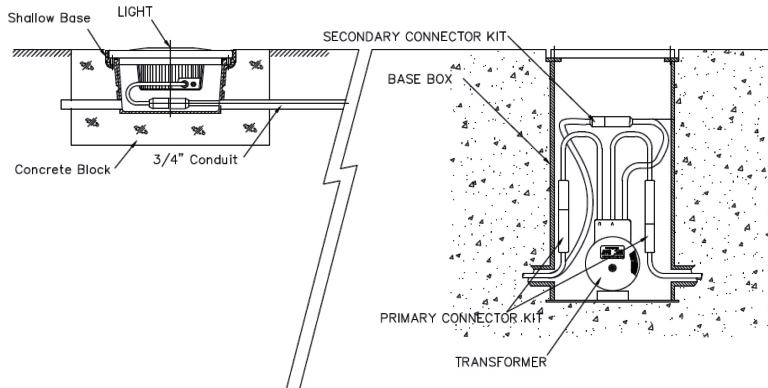
Front View

Installation

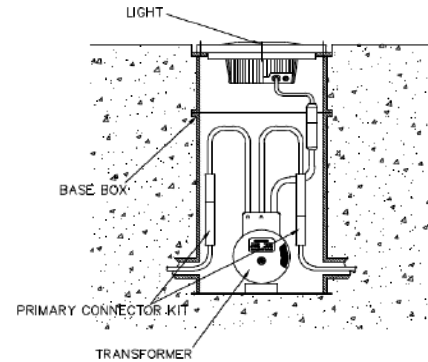
Installation

The L-852(L) is designed to be installed as shown below.

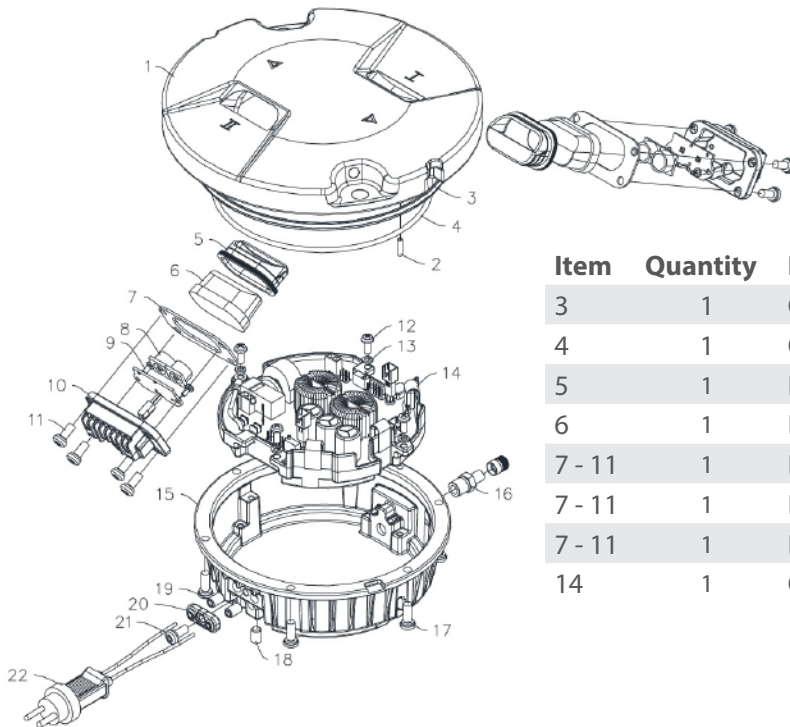
Shallow Base



L-868 Base Body



Components



Item	Quantity	Description	Part Number
3	1	O-Ring, 6.5" OD	33-50026
4	1	O-Ring, 5.16" OD	33-50006
5	1	Prism Sealant	33-44005
6	1	Prism	33-40002
7 - 11	1	LED Module Kit, Green (L-852B_D)	33-81111
7 - 11	1	LED Module Kit, Yellow (L-852B_D)	33-81195
7 - 11	1	LED Module Kit, White (L-852D)	33-81177
14	1	Control Board	33-34002