



L-861SE(L) LED Light



Compliances

Certified to FAA AC 150/5345-46 (Current Edition) and Engineering Brief No. 67



Application

Runway Threshold/End, Non-Precision IFR Runways

Key Features

- Long Life LEDs for over 50,000 hours of service.
- Light clarity ensured for years with glass lens.
- Dimmable to FAA intensity curve from 2.8 amp to 6.6 amps.
- Fixtures without arctic kits use 30/45W isolation transformers, fixtures with arctic kits use 65W isolation transformers.
- Plug and Know circuit design. Dynamic controller senses the attached light engines, allowing for greater service flexibility.
- Daytime recognition provided on lens retainers.
- Leveling surface and sighting cross on cap eliminates the need for an aiming device.
- Fixture surface area designed to meet LED thermal requirements.

General Catalog Numbers

ESEL-□□-□□-□

Side A

R = Red*
G = Green
O = Obscure

Side B

R = Red*
G = Green
O = Obscure

Mounting Height

14 = 14"
20 = 20"
24 = 24"
30 = 30"

Options

5 = Arctic Kit

* Unidirectional Red Not Available

Example: ESEL-RG-24 is 24" high with Red on Side A and Green on Side B.



Specifications

Dimensions

Height, head assembly: 6.8 inches, (173mm)

Height, w/ slip fitter: 8.9 inches, (226mm)

Width: 5.5 inches, (140mm)

Length: 5.2 inches, (132mm)

Weight: 7.2 pounds, (3.3kg)

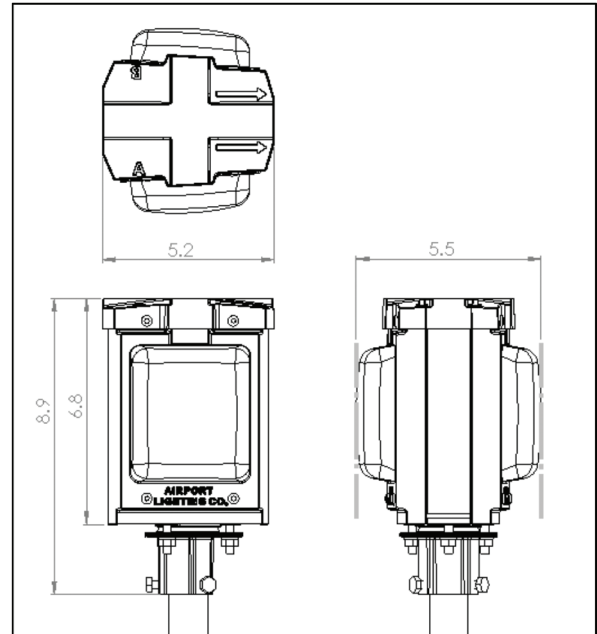
Single Box

(9 1/8 x 5 3/4 x 7 inches) or (232 x 178 x 146mm)

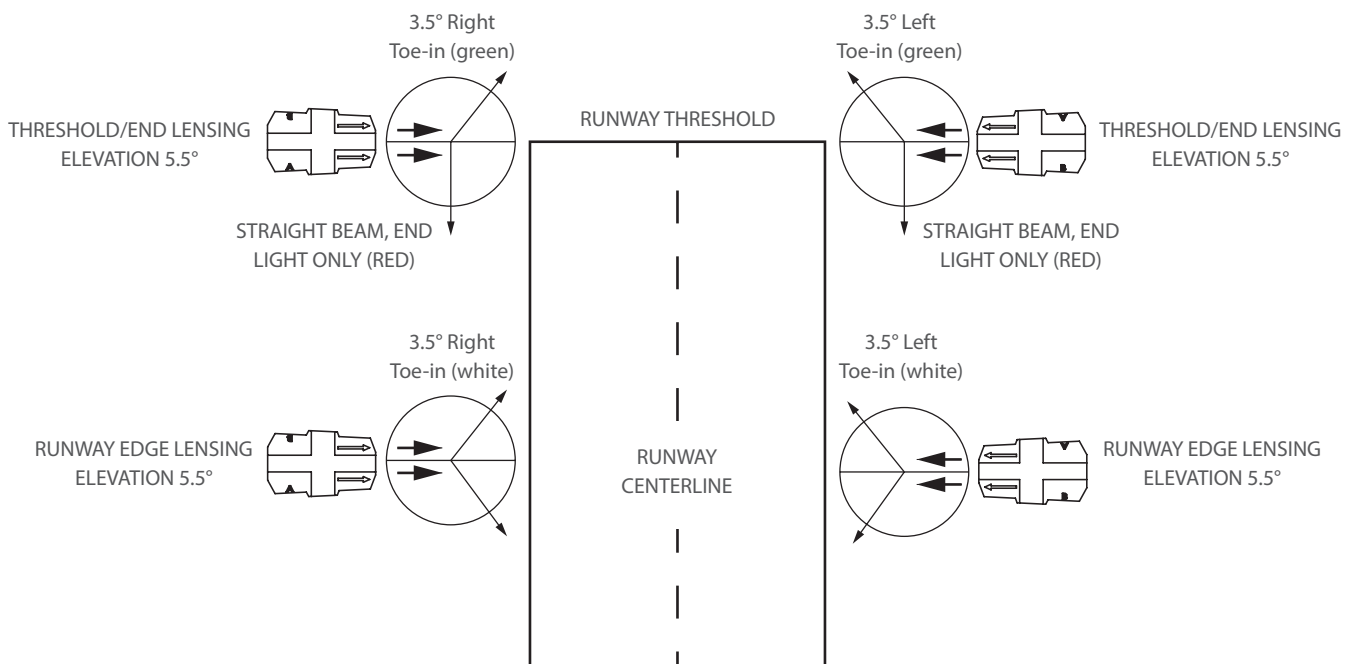
18 Fixtures in a Case

(18 x 17 x 16 inches) or (457.2 x 177.8 x 406.4mm)

View runway edge lights from runway centerline perpendicular to fixture when determining color in conjunction with right-hand and left-hand fixtures. The first color will be on the left toe-in side of the light fixture.



Fixture Dimensions





Parts

Head Assemblies

Includes housing, LED module, lens, and gasket

261SE-XXYY-Z

XX – G, R, O (Blank) YY – 14, 20, 24, 30 Z – 5 (Artic Kit)

Column & Power Cords

Height	Column	Power Cord
14"	77	262-1100
20"	78	262-1101
24"	78-16	262-1102
30"	79	262-1103

Light Engines

LED Module, Lens and Gasket

Color	w/o Artic Kit	Artic Kit
Red	262-1205	262-1205-5
Green	262-1206	262-1206-5

Circuit Boards

62-3010	Controller Board
62-3020	Input Board
62-3040	Connector Board
62-3025	Artic Kit Input Board
62-3050	AK Thermostat Board

Retainers

62-1032	Green
62-1032	Red
62-1033	Yellow (Blank side)

Accessories

34-030666	L-830-1 30/45W Transformer
34-065666	L-830-3 65W Transformer
62-1060	Frangible HEX Coupling
82-D4	L-823 Primary Connector Kit - #8 AWG
82-S-D4	L-823 Super Connector Kit
71	L-867B 12" baseplate 1.5" hub
80	Heat shrink tubing - adhesive throughout
81	Heat shrink tubing - adhesive ends only

Fixture Loads

Volt/Amp Loads w/o Heater

Color	VA Load	Transformer Size
Red & Green	32	30/45W
Green	30	30/45W

Volt/Amp Loads w/ Heater

Color	VA Load	Transformer Size
Red & Green	43	65W
Green	33	65W