



High Intensity Runway/Threshold Light LED



Compliances (Current Editions)

FAA: AC 150/5345-46 and Engineering Brief No. 67, ETL Certified

ICAO: Annex 14, Volume 1

Canada: TP 312



Application

Runway Edge, Threshold, Displaced Threshold, Threshold/End, Displaced Threshold Precision IFR Runways

Key Features

- Long Life LEDs for over 56,000 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

EHL-□□-□□-□

Side A

Side B

Mounting Height

Options

5 = Arctic Kit

W = White

Y = Yellow

R = Red

G = Green (FAA)

I = Green (ICAO / TP312)*

O = Obscure

14 = 14"

20 = 20"

24 = 24"

30 = 30"

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

***IO / OI Only**



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: 5 pounds, (2.3kg)

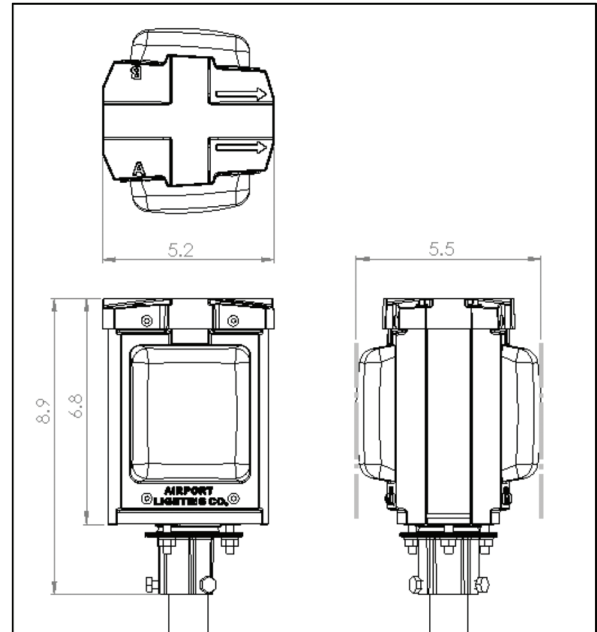
Single Box

(9 1/8 x 5 3/4 x 7 inches) or (232 x 178 x 1468mm)

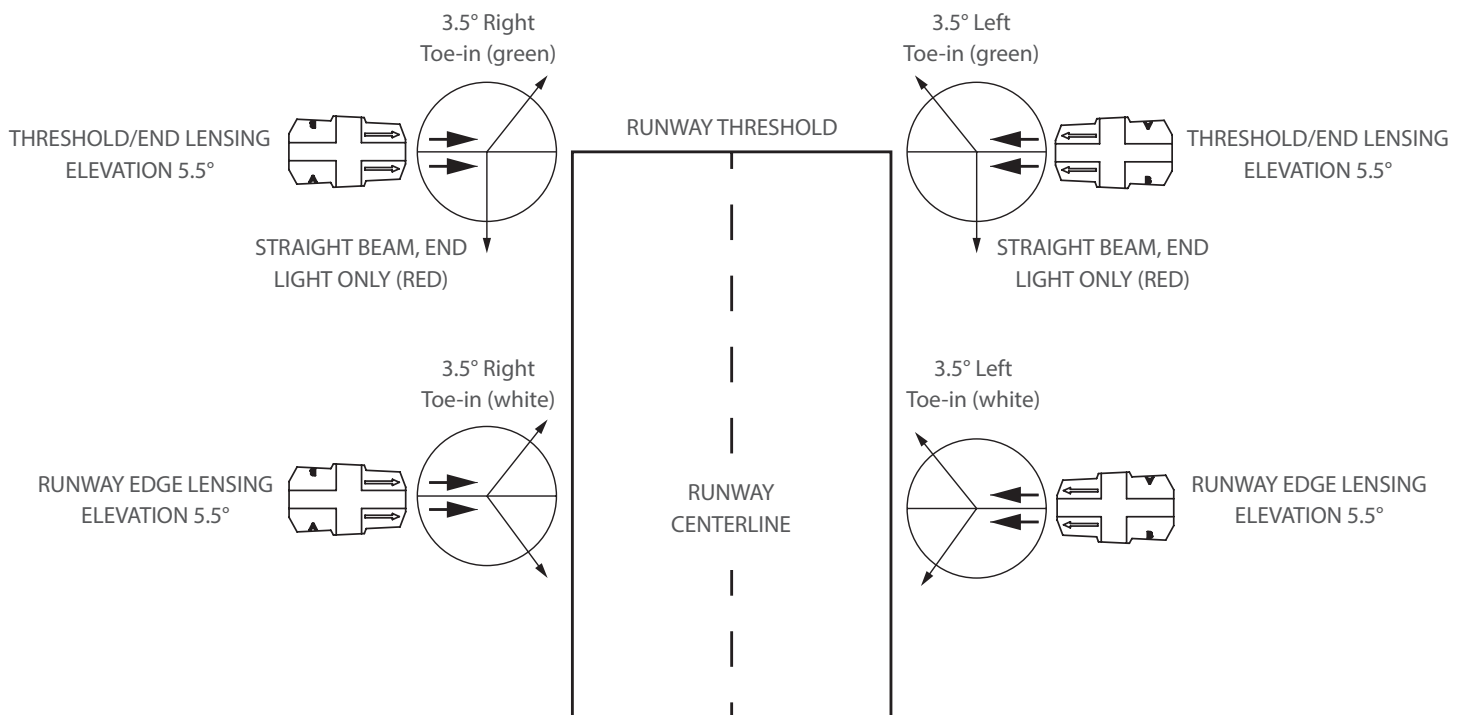
9 Fixtures in a Box

(17 x 16 1/2 x 10 inches) or (432 x 420 x 254mm)

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





Fixture Loads & Spare Parts

Fixture Loads

Volt / Amp Loads

Without Heater

Bidirectional

| Color | VA Load | Transformer Size |
|----------------|---------|------------------|
| White & White | 54.5 | 30/45W |
| White & Yellow | 55.7 | 30/45W |
| White & Red | 55.1 | 30/45W |
| Green & Yellow | 49.6 | 30/45W |
| Red & Yellow | 53.7 | 30/45W |
| Red & Green | 45 | 30/45W |
| Red & Red | 55.2 | 30/45W |

Unidirectional

| Color | VA Load | Transformer Size |
|-------|---------|------------------|
| Green | 27.4 | 30/45W |
| Red | 34.1 | 30/45W |

Volt / Amp Loads

With Heater

Bidirectional

| Color | VA Load | Transformer Size |
|----------------|---------|------------------|
| White & White | 56.9 | 30/45W |
| White & Yellow | 58.1 | 30/45W |
| White & Red | 57.5 | 30/45W |
| Green & Yellow | 52.0 | 30/45W |
| Red & Yellow | 56.1 | 30/45W |
| Red & Green | 47.4 | 30/45W |
| Red & Red | 57.6 | 30/45W |

Unidirectional

| Color | VA Load | Transformer Size |
|-------|---------|------------------|
| Green | 29.8 | 30/45W |
| Red | 36.5 | 30/45W |

Spare Parts

Head Assemblies

Includes housing, LED module, lens, and gasket

#262-XXYY-Z

XX – W, Y, R, G, I (ICAO/TP312 Green), O YY – 14, 20, 24, 30 Z – 5 (Arctic Kit)

Column & Power Cords

| | | |
|-----|-------|----------|
| 14" | 77 | 262-1100 |
| 20" | 78 | 262-1101 |
| 24" | 78-16 | 262-1102 |
| 30" | 79 | 262-1103 |

Light Engines

Includes LED module, lens, and gasket

| Color | w/o Artic Kit | Artic Kit |
|-----------|---------------|------------|
| White | 262-1200 | 262-1200-5 |
| Yellow | 262-1201 | 262-1201-5 |
| Red | 262-1202 | 262-1202-5 |
| Green | 262-1203 | 262-1203-5 |
| Green (I) | 262-1204 | 262-1204-5 |

Circuit Boards

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

Accessories

| | |
|-----------|-------------------------------------------------|
| 34-030666 | L-830-1 30/45W Transformer |
| 34-065666 | L-830-1 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 - <i>adhesive throughout</i> |
| 81 | Heat shrink tubing - <i>adhesive ends only</i> |