



AirportLightingCompany

# 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

W = White  
Y = Yellow  
R = Red  
G = Green (FAA)  
I = Green (ICAO / TP312)  
O = Obscure

Mounting Height

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

### Options

2 = Frangible coupling with 2" thread for 1"OD column (Canada only)  
5 = Arctic Kit

*Example: EHL-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:** 5 pounds, (2.3kg)

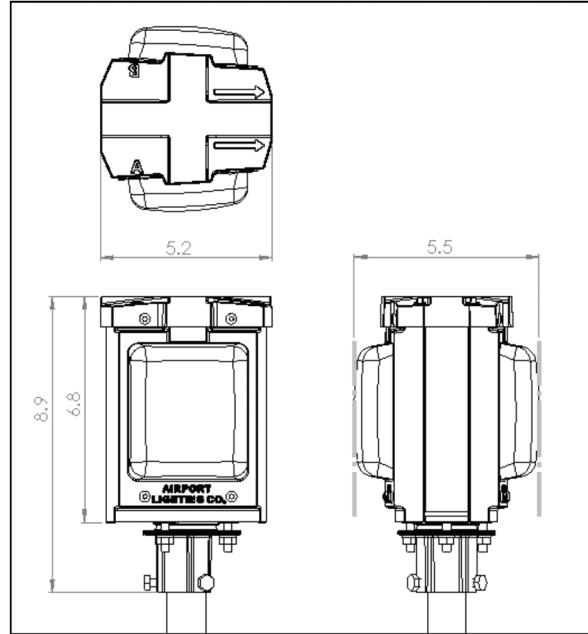
### Single Box

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

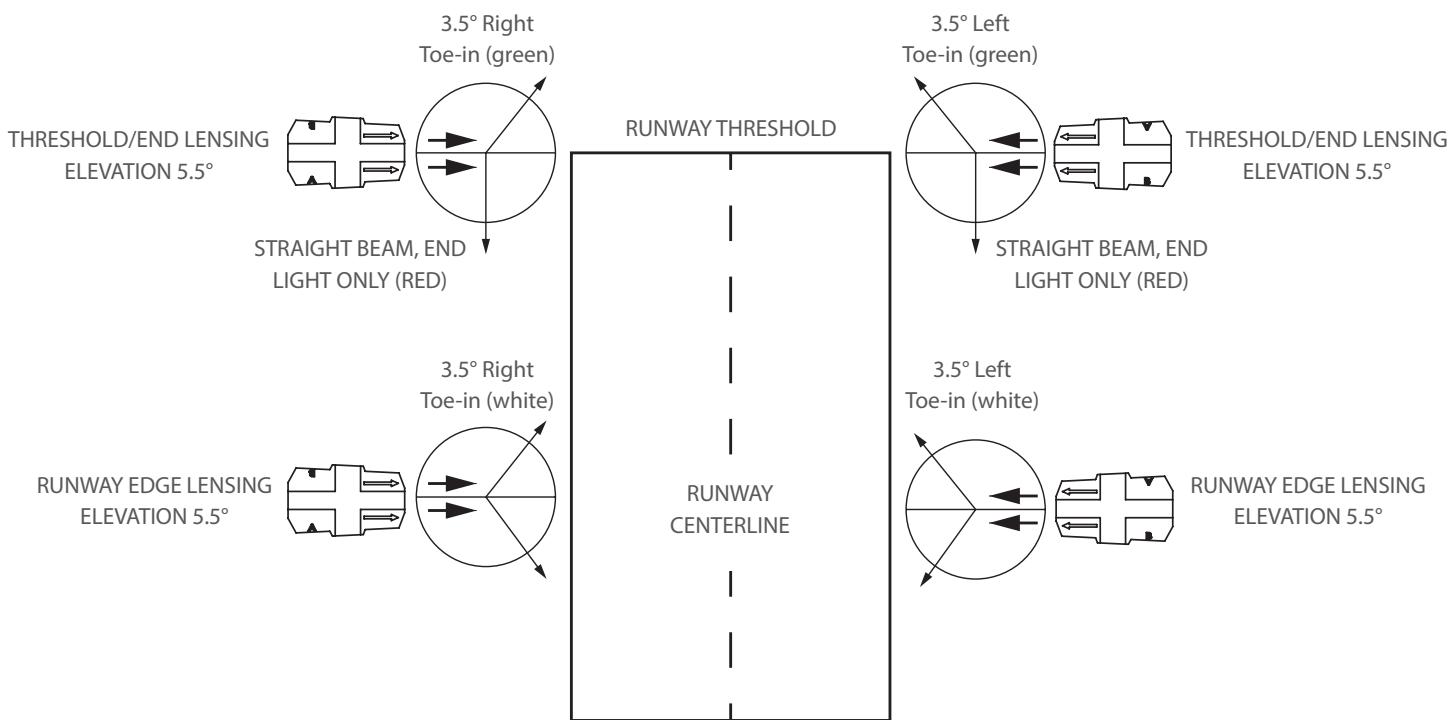
### 9 Fixtures in a Box

(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
ICAO/TP312 Green & Red	54	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
ICAO/TP312 Green & Red	56.5	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 Arctic Kit	Arctic 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>