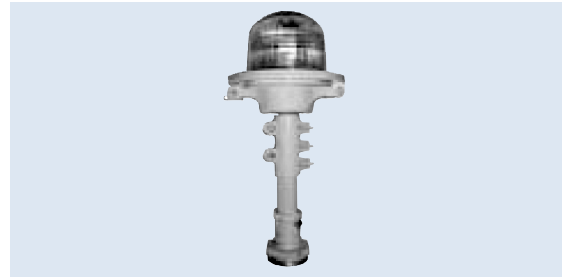


HRLQ-5

High Intensity Runway Light/Quartz

Compliances:

- FAA AC 150/5345-46: L-862 and L-862-E
- ICAO ANNEX 14: FIG. A2-9



Applications

The HRLQ-5 High Intensity Runway Light is used for elevated runway edge lighting and elevated threshold and end lighting.

Features



- ETL Certified
- Requires no tools to relamp – fixture hinges open for lamp access and ease, and is held shut by a spring clip
- Easy to level – unique swivel design allows fixture to be leveled by loosening and tightening one exterior fastener
- Easy to change filters – twist in place allowing beam color to be field adjustable (LH & RH toe-in) on standard “edge” lights and on blue/clear displaced threshold “edge” lights
- 300 MPH wind tested
- Modular design
- Uses a 6.6 amp quartz bi-pin lamp
- Die-cast aluminum housing painted yellow
- Available in heights from 14-30 inches
- Airbus 380 Approved
- Standard 2” Threaded Frangible Coupling

Ordering Information



Fixture Type:

HRLQ Model:

Application and Beam Color:

(See “YYY”, Table 1)

Height in Inches:

Standard Height 14 Inches. Available in 2-inch increments to 30 inches maximum.

Options:

- 1 = 1.5”-12 UNF threaded coupling (standard is 2”-11.5 NPSM)
- 2 = 200 W lamp in place of 120 W or 150 W, L-862 (not available for blue color edge lights)
- 3 = Level adjustment lever in place of standard hex socket cap screw
- 5 = 150 W lamp in place of 120 W, L-862
- EX = Extra strength fixture (high wind/heavy snow)
- Options 1 & 3 not available with EX Option

Note: All glass will have inherent variations in color. Allowing for this all Crouse-Hinds products are certified to meet FAA requirements.

Table 1 (*Indicates FAA Approved to AC 150/5345-46)

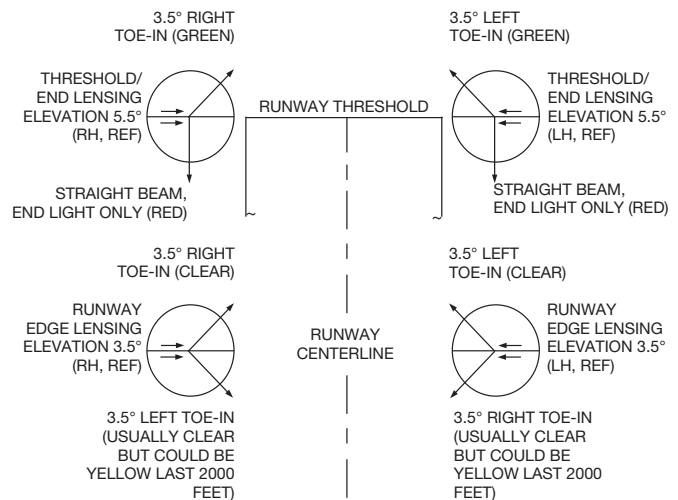
| YYY | Application | Beam Color | Specification Number (FAA) | Min. Lamp Wattage |
|-----|--------------------------------|--------------|----------------------------|-------------------|
| ECC | Edge, Standard* | Clear/Clear | L-862 | 120 |
| ECY | Edge, Standard, LH* | Clear/Yellow | L-862 | 120 |
| EYC | Edge, Standard, RH* | Yellow/Clear | L-862 | 120 |
| ECR | Edge, LH, Displaced End* | Clear/Red | L-862 | 150 |
| ERC | Edge, RH, Displaced End* | Red/Clear | L-862 | 150 |
| ERY | Edge, LH, Displaced End | Red/Yellow | L-862 | 150 |
| EYR | Edge, RH, Displaced End | Yellow/Red | L-862 | 150 |
| TCG | Edge, RH, Displaced Threshold | Clear/Green | L-862 | 200 |
| TGC | Edge, LH, Displaced Threshold | Green/Clear | L-862 | 200 |
| TYG | Edge, RH, Displaced Threshold* | Yellow/Green | L-862 | 200 |
| TGY | Edge, LH, Displaced Threshold* | Green/Yellow | L-862 | 200 |
| TRG | Threshold/End, RH* | Red/Green | L-862E | 200 |
| TGR | Threshold/End, LH* | Green/Red | L-862E | 200 |
| TXG | Displaced Threshold, RH* | Blank/Green | L-862E | 200 |
| TGX | Displaced Threshold, LH* | Green/Blank | L-862E | 200 |
| SRR | End (Straight Beam)* | Red/Red | L-862E | 200 |
| SRX | End (Straight Beam) | Red/Blank | L-862E | 200 |

RH = Right-Hand; LH = Left-Hand; See figure A for light beam directions.
E = Runway Edge Light; T = Runway Threshold Light; S = Runway End Light

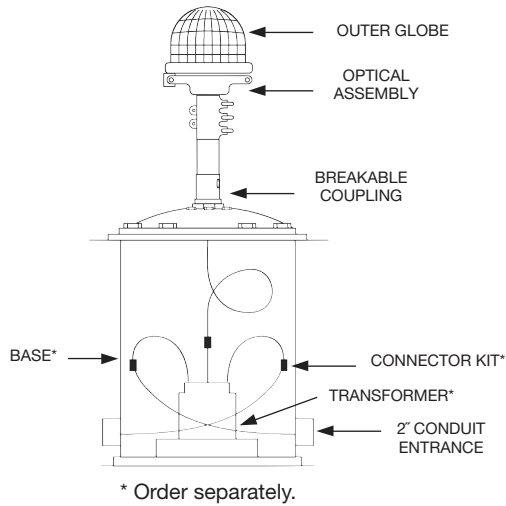
Figure A

LIGHT BEAM DIRECTIONS

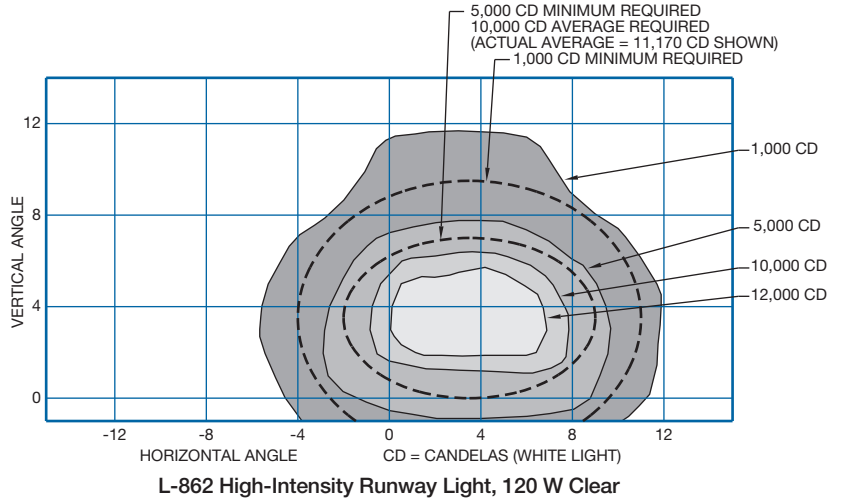
Colors indicated are the normal standards. Other special application combinations available are listed in Table 1. View runway edge lights from runway centerline perpendicular to fixture when determining color in conjunction with right- (RH) and left-hand (LH) fixtures. The first color will be on the left toe-in side of the globe.



Outline Drawing



Typical Photometric Data



Accessories

| Description | Catalog Number | Shipping Weight lb. | Shipping Weight kg. | Shipping Volume cu.ft. | Shipping Volume cu.m. |
|--|----------------|---------------------|---------------------|------------------------|-----------------------|
| Base L-867, Class I, 24" deep | AC2124H200301 | 52 | 23.6 | 2.6 | 0.074 |
| Baseplate, 1.5" Hub, Painted Steel | AP1935 | 8 | 3.6 | 0.14 | 0.004 |
| Baseplate, 2" Hub, Painted Steel | AP1932 | 8 | 3.6 | 0.14 | 0.004 |
| Connector Kit L-823, 8 AWG Stranded, 0.32" to 0.43" O.D. | 823KP-D4-D4 | | | | |
| Lamp Extractor | 50420 | | | | |
| Leveling Fixture | 50359 | | | | |
| Transformer, 100 W, 6.6/6.6 A | 33004 | 8.6 | 3.9 | 0.3 | 0.009 |
| Transformer, 200 W, 6.6/6.6 A | 33006 | 8.9 | 4.04 | 0.3 | 0.009 |

Renewal Parts

| Description | Part Number | Description | Part Number |
|--|-------------|--|-------------|
| Blank/Green Outer Globe (for "TXG" applications) | 50344-X/G | Red Outer Globe (for "SRR" applications) | 50344-R |
| Clear Inner Filter Half (2 required on units with clear, blank or colored outer globe) | 50360-C | Red/Blank Outer Globe (for "SRX" applications) | 50344-R/X |
| Clear Outer Globe (for "ECC", "ECY", "EYC", applications) | 50344-C | Red/Clear Outer Globe (for "ERC" and "ERY" applications) | 50344-R/C |
| Clear/Green Outer Globe (for "TCG" and "TYG" applications) | 50344-C/G | Red/Green Outer Globe (for "TRG" applications) | 50344-R/G |
| Clear/Red Outer Globe (for "ECR" and "EYR" applications) | 50344-C/R | Yellow Inner Filter Half | 50360-Y |
| Filter Gasket | 50351 | | |
| Filter Spring | 50366 | | |
| Frangible Coupling 2" Aluminum | 50184 | | |
| Frangible Coupling 2" Aluminum—EX Option | 60683-E | | |
| Globe Gasket | 40989 | | |
| Green/Blank Outer Globe (for "TGX" applications) | 50344-G/X | | |
| Green/Clear Outer Globe (for "TGC" and "TGY" applications) | 50344-G/C | | |
| Green/Red Outer Globe (for "TGR" applications) | 50344-G/R | | |
| Lamp, 120 W, 6.6 A, Bi-Pin | 20058 | | |
| Lamp, 150 W, 6.6 A, Bi-Pin | 40925 | | |
| Lamp, 200 W, 6.6 A, Bi-Pin | 20172 | | |

Instruction Sheet: 2016

Shipping Weight: 4.5 lbs.
2.0 kg

Shipping Volume: 0.31 cu. ft.
.009 m³

Photometric Data: Contact Field Services

