

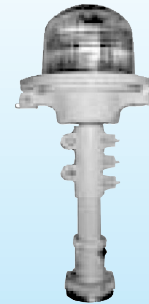
HRLQ-5



COOPER Crouse-Hinds
AIRPORT LIGHTING PRODUCTS

High Intensity Runway Light/Quartz

Compliances: FAA AC 150/5345-46B: L-862 and L-862-E
ICAO ANNEX 14: FIG. 28 AND 29



HRLQ-5

Applications

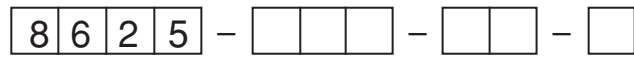
The HRLQ-5 High Intensity Runway Light is used for elevated runway edge lighting and elevated threshold and end lighting.

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 inches to 30 inches

Ordering Information



FAA 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 = 1½"-12 UNF thread (standard is 2-11½ 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
(for high wind and heavy snow areas)

NOTE:
Options 1 & 3
NOT available
with option EX

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.

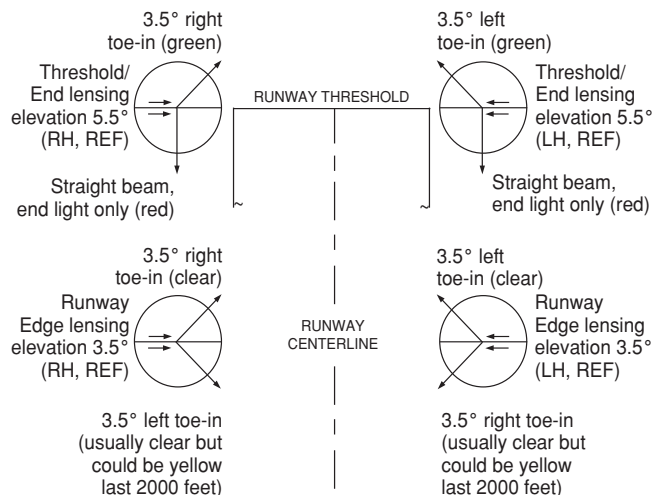


Table 1

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
ECB	Edge, LH, Displaced Threshold	Clear/Blue	L-862	150
EBC	Edge, RH, Displaced Threshold	Blue/Clear	L-862	150
EBR	Edge, RH, Displaced End	Blue/Red	L-862	150
ERB	Edge, LH, Displaced End	Red/Blue	L-862	150
TCG	Edge, RH, Displaced Threshold	Clear/Green	L-862/L-862E	200
TGC	Edge, LH, Displaced Threshold	Green/Clear	L-862E/L-862	200
TYG	Edge, RH, Displaced Threshold	Yellow/Green	L-862/L-862E	200
TGY	Edge, LH, Displaced Threshold	Green/Yellow	L-862E/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

L
8
6
2

5,000 CD MINIMUM REQUIRED
10,000 CD AVERAGE REQUIRED
(ACTUAL AVERAGE = 11,170 CD SHOWN)
1,000 CD MINIMUM REQUIRED

1,000 CD

5,000 CD

10,000 CD

12,000 CD

-14 -12 -10 -8 -6 -4 -2 0 2 4 6 8 10 12 14

("EX" fixtures) 2318