

# HALI-BRITE®

## Runway Guard Light

### COMPLIANT WITH:

FAA-AC 150/5345-46

ICAO Annex 14



### GENERAL DESCRIPTION

Elevated Runway Guard Light is light fixture with dual alternation yellow light signals intended to warn a pilot or driver of a ground vehicle that they are about to enter a runway. These light fixtures may be powered from a series circuit or operated from a 120V or 240V 50 or 60 Hz source.

### ORDERING INFORMATION

#### Runway Guard Light

6 8 0 4 - X - X X - X - X

#### Mode:

- 1) Series Circuit 6.6A 50/60Hz
- 2) 120V AC 60Hz

#### Lens:

- YY – Traffic Signal Yellow  
(FAA compliant)
- RR – Traffic Signal Red  
(not FAA compliant)
- IY – ICAO Yellow  
(ICAO Compliant)

#### Photocell:

- 1 – With Photocell
- 2 – Without Photocell

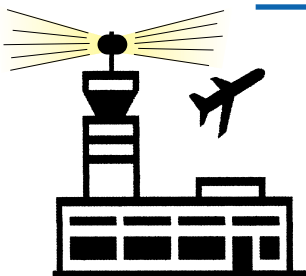
#### Monitor:

- 1 – Monitored
- 2 – Without Monitor

#### Example:

6804-3-YY-1-1 is an FAA compliant voltage powered fixture with monitoring and photocell

Note: Bases and series circuit transformers are sold separately



### HALI-BRITE® INC.

P.O. BOX 10 • 925 1st ST SW

CROSBY, MN 56441

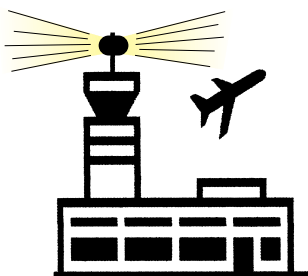
PHONE 1-800-553-6269 OR 218-546-7473 • FAX 218-546-6854

www.halibrite.com

# HALI-BRITE®

## Detailed Specifications:

Parameter	Specification
<b>All Systems</b>	
Operating Temperature	-68°F (-55°C) to +131°F (+ 55°C)
Humidity	0 to 100%
Frangability	1300 ft-Lb (1762 N-m) to 2100 ft-LB (2846 N-m)
Flash Rate	45 to 50 Alternating Flashes per minute
Mounting Height	24.5 to 32 inches
Stray Light Shield	Integral to front panel
Alarms	Dry contact, self-resetting
Monitored	Lamps Out, Flasher Failure, Missed Flash
<b>Optics</b>	
Lenses	Heat Resistant Tempered Glass
Lens Color	US - Traffic Signal Yellow
CIE Color Coordinates	y not less than 0.411 nor less than 0.95 - x nor greater than 0.452.
Vertical Adjustment	0 to +20 Degrees with 1 degree Locking Provision
Horizontal Adjustment	± 20 Degrees with 5 degree Locking Provisions
Lamp	100W PK30 Style 6.6A
Reflector	Parabolic Polished Aluminum
<b>Series Circuit Powered</b>	
Input Power	6.6A 60Hz (nominal 130W) 3 Step CCR recommended
Transformer Options	6.6A - 6.6A 200W 60Hz
<b>Voltage Powered</b>	
Input Power	Option 1: 120VAC 60Hz 2.3 Amps max. Option 2: 240VAC 60Hz 1.3 Amps max.
Line (Mains) Variation	+10% - 10%
Intensity Control	Photocell preset automatic for Day 100% intensity, (50 - 60 ft-cd ambient) Night 30% intensity, (25 - 35 ft-cd ambient)



We reserve the right to change design or specification without notice.

### HALI-BRITE® INC.

P.O. BOX 10 • 925 1st ST SW  
CROSBY, MN 56441

PHONE 1-800-553-6269 OR 218-546-7473 • FAX 218-546-6854  
www.halibrite.com