UNIMAR
Brighter lighting solutions

RL

LED Red Beacon - Medium Intensity L-864 SafeSite
UNI-HAZ™ Class 1, Div.2 Group B, C, D, T4A IP66

Compliances & Ratings: FAA Engineering Brief | No. 67 UL 1598 UL 844 Class I, Division 2 | Groups B, C, D | IP66 rated | Qualified by: Intertek ETL ICAO Aerodromes Design Manual | Chapter 18 | ICAO Annex 14, 4th Edition, July 2004 Canadian Aviation Regulation CAR 621.1 (Transport Canada)

Application

The UNI-HAZ™ SafeSite L-864 Red LED Medium Intensity Beacon for hazardous locations, utilizes state-of-the-art- optical design to achieve the most compact, efficient, FAA compliant L-864 device on the market. While it readily interfaces into existing installations, its robust, low power design will provide years of maintenance free service.

The UNI-HAZ™ SafeSite L-864 Red LED Medium Intensity Beacon has extremely low RF interference and is ideal for the most difficult environments.

Smart System (available as an option)

The Controller integrates Unimar's Self Monitoring technology along with an intuitive user interface to remotely display status and for remote diagnostics and troubleshooting. Status changes and alarms can be sent via SNMP messaging Informs over the built in Ethernet port. A cellular modem is optional and can also be purchased with Unimar's 24/7/365 monitoring service with full NOTAM management.

Specifications

Supply Voltage Ranges:	120/240 VAC, 50/60 Hz; Universal input
Flashhead Weight:	20 lbs (9.07 kg)
Candela:	2,000 cd
Wattage:	20W (steady burn)
Power Factor:	>0.9
Ambient Temp:	-40°F to +131°F (-40° C to +55° C)
Temperature Code:	T4A

Key Features

• Full performance 5 year warranty

• Resistant to shock and vibration

• Patented optic with sharp beam cutoff

• Minimum ground scatter (community friendly light pattern)

• High impact polycarbonate lens

• Specialized lens coating providing superior UV, scratch and chemical resistance

• Rugged all metal mounting base

• Extremely low RF interference

• Light module detachable from base for easy replacement at end of life

• Integrated Ethernet Port **

• Integrated User Interface to display status, override system and advanced diagnostics **

• Alarming and status sent via standard SNMP v2c Informs **

• Optional cellular gateway and Monitoring service with NOTAM management **

   *** Smart System Option only*

System Part Number Matrix: RLA-BCDE-FG-H-IJK

*Choose the codes in **red**, following the descriptions shown below*

A - Operating voltage
- 1= 120vac
- 2= 240vac
- 3= 48vdc
- 4=24vdc

B - Number of Red L-864 Beacons

C - Total number of L-810 sidelights, RTO series only
- Enter number 0, 1, 2, 3, 4, 5, 6, 7, or 8

D - Type of L-810 sidelights
- A= double with primary backup function. Failure of one light causes the other light to turn on with primary light alternating every photo cell transition.
- D= double both lights on simultaneously
- N= none
- P= double with primary backup function. failure of primary light will turn on backup light.
- S= single

E - L-810 operation mode
- F= flashing
- N= none
- S= steady burn

F - External indicator lights for power and alarms
- Y= yes
- N= no

G - External system override switches-auto/manual, day/night
- Y= yes (main controller only)
- N= no (no external switches, always no for secondary controllers)

H - Controller type
- A= see data sheet- unimar smart system with gateway
- B= see data sheet- unimar smart system
- C= classic system dry contacts only for alarming

I - Enclosure type
- A= n/a
- B= n/a
- C= n/a
- D= nema 7/4x class1 div. 2 group B, C, D cast aluminum
- E= nema 7/4x class1 div. 2 group B, C, D cast aluminum epoxy painted for additional corrosion resistance.
- F= class1 div. 2 group B, C, D, & Z purged system with 316 stainless steel enclosure

J - n/a enter (x) in the place holder

K - Class 1 div.2 group B, C, D light
- Y = yes
- N = no

Please contact us with any questions or selection assistance

Ordering Information - Dual

*Choose the codes in **red**, following the descriptions shown below*

RLA - B C D E - FG - H - I J K

Input the value of the corresponding option of your choice: **A** ▢ 1, 2, 3, or 4

A - Operating voltage
  1= 120v AC
  2= 240v AC
  3= 48v DC
  4= 24v DC

B - Number of Red L-864 Beacons

C - Total number of L-810 sidelights, (RTO series only)
  Enter number 0 - 8

D - Type of L-810 sidelights
  A= Double with primary backup function. Failure of one light causes the other light to turn on with primary light alternating every photo cell transition.
  D= Double both lights on simultaneously
  N= None
  P= Double with primary backup function. failure of primary light will turn on backup light.
  S= Single

E - L-810 operation mode
  F= flashing
  N= none
  S= steady burn

F - external indicator lights for power and alarms
  Y= yes
  N= no

G - external system override switches-auto/manual,
  Y= Yes
  N= No

H - controller type
  A= See data sheet- unimar smart system with gateway
  B= See data sheet- unimar smart system
  C= Classic system dry contacts only for alarming

I - enclosure type
  A= n/a
  B= n/a
  C= n/a
  D= Nema 7/4x class1 div. 2 group B, C, D cast aluminum
  E= Nema 7/4x class1 div. 2 group B, C, D cast aluminum epoxy painted for additional corrosion resistance.
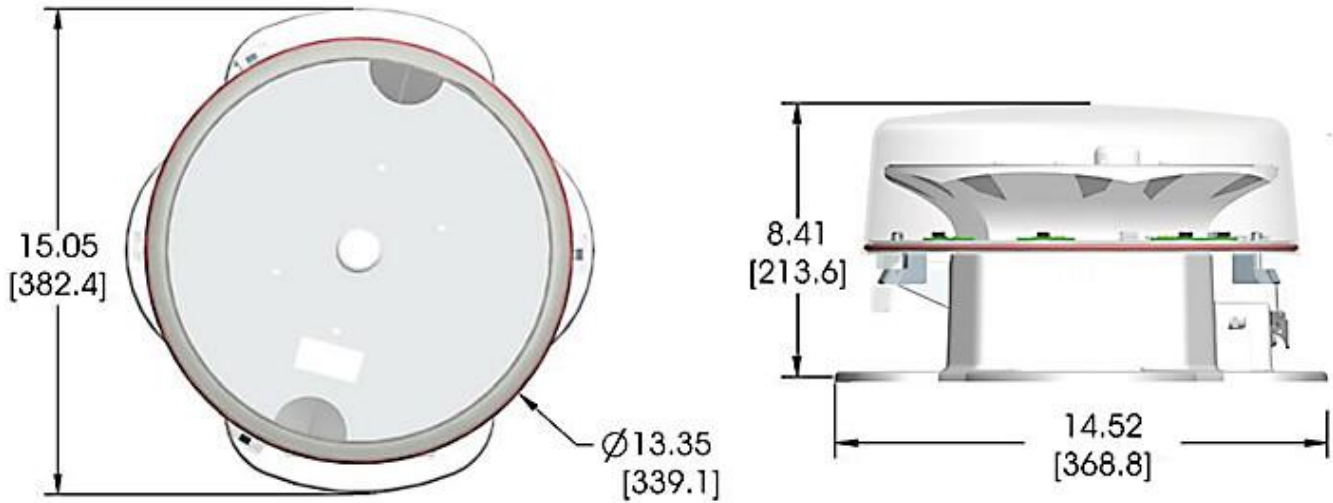 F= Class1 div. 2 group B, C, D, & Z purged system with 316 stainless steel enclosure

J - n/a (enter X in part number)

K - Class 1 div.2 group B, C, D light
  Y = yes
  N = no

Please contact us with any questions or selection assistance

Mechanical Dimensions

15.05
[382.4]

⌀13.35
[339.1]

8.41
[213.6]

14.52
[368.8]

Photometric Specifications

Medium Intensity Red

Legend:
— Measured Data
- - - Specification Maximum (FAA)
— Specification Minimum (FAA)
- - - Specification Maximum (ICAO)
— Specification Minimum (ICAO)

LIGHT INTENSITY (effective candelas)

VERTICAL ANGLE (degrees)