U664C-GPS

L-864/L-885 Beacon With Fully Integrated GPS Controller FAA Type A1 or A2

Compliances & Ratings: FAA Advisory Circular AC70/7460-1M
L-864 Red Beacon FAA AC 150/5345-43J   FAA Engineering Brief
No. 67 │ IP66 / NEMA 4X │

Application

Ideal for wind farms, bridges, cranes, rooftops, cooling towers, stacks, etc. the U664C-GPS Series, are fully integrated L-864 Red/Infrared obstruction lighting systems - The GPS, controller and photocell are integrated inside the flash head eliminating the need for an external controller, vastly simplifying installations and lowering costs.

Multiple units can be installed on a structure and the integrated GPS will keep all lights flashing in synch. Integrated Dry contacts provide light, photocell, GPS alarm indication and Day/Night status. A single multi-conductor cable provides power and alarm status signals back to your monitoring interface.

Optionally the unit can also drive up to four (4) L-810 sidelights with option to flash them synchronously with the beacon or steady burn OR can add a second Beacon for an FAA A2 application. The units are modular allowing for FAA systems up to A6 by simply adding beacons.
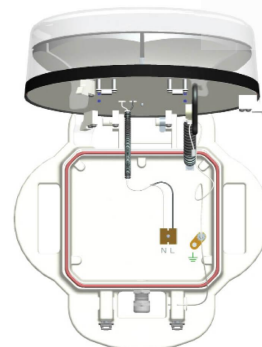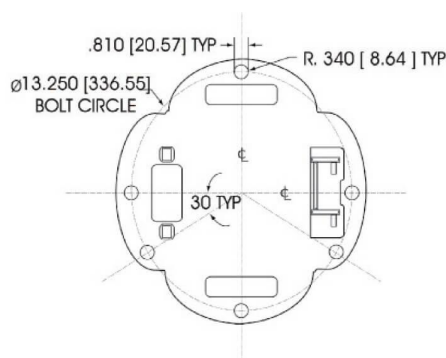
Key Features

• 5 year performance warranty

• Built in GPS Synchronized Controller with Antenna and Photocell.

• Synchronizes the flash rate of multiple beacons.

• Extremely robust against Lightning

• Over 90% more efficient than an incandescent system

• Resistant to shock and vibration

• Lasts years longer than an incandescent - 10 year viable life

• Integrated dry contact Alarms. Optional RS-485 customized interface

• Single cable carries power and alarm signal

• Easy user setup via DIP switches.

• Can add on a 2nd beacon or sidelights

• We can also provide an Aircraft Detection Lighting System (ADLS)

Specifications

Supply Voltage	120VAC, 50/60 Hz;
Power Consumption	20 to 40 Watts depending on operation
Operating Temp	-40° F to +131° F (-40° C to +55° C)
Power Factor	>0.9
Effective Intensity	2,000 cd

Ordering Information

Part Number	Description
U664C-GPS	Beacon, GPS and controller, no sidelights.
U664C-A1-X-GPS	Beacon, GPS and controller, and up to 4 sidelights. Replace the 'X' with 1,2,3 or 4 to specify number of RTO L-810 Red w/IR sidelights.
U664C-A2-GPS	2 Beacons, GPS and controller, no sidelights.

Mechanical Dimensions