



POINT FLASHING BEACON PFB LED

WIND TURBINE OBSTRUCTION LIGHT FAA L-864 & L-865 ICAO TYPES A, B & C

Compliances: ETL Verified FAA L-864 & L-865 to FAA Advisory Circular 150/5345-43J
 Compliance to FAA Engineering Briefs 67D & 98
 UL Tested & Verified to IP66
 Verified Compliant to ICAO Annex 14 Medium Intensity Types A, B & C
 Verified Compliant to Transport Canada CL864 & CL865
 Registered ISO 9001:2015

PFB LED red, white & dual red-white medium intensity flashing beacons for use on aviation obstructions. All in one design with all power supply and controls integral in the beacon flashhead.

- Integral GPS module for flash synchronization.
 Integral flasher module.
 The hardware is 316 (A4) stainless steel.
 Moisture & humidity venting.
 Flashing synchronized by the standard internal GPS module.
 Optional: Compatibility with an external Aircraft Detection Lighting System (ALDS).
 Six (6) years limited warranty subject to Point Lighting "Terms & Conditions of Sale".
- Integral FAA photoelectric control.
 Very low weight for tower climbers.
 The LED's are rated for 100,000 hours.
 IP66 tested and listed.

Point Type	Color	Voltage	Options
PFB-37004	R: Red W: White RW: Dual Red-White	1: AC 96 to 264V, 50/60 Hz	See page 2 See Beacon Selection Table



PFB-37004-RW-1
MEDIUM INTENSITY DUAL RED-WHITE BEACON



STANDARD FEATURES

---	NVG Compatibility for night vision
---	Flashing synchronized by a POC system controller or by GPS Note: Standalone beacons automatically flash in sync by GPS Note: Loss of data signal from the POC, beacons automatically sync by GPS
---	Integral FAA photocontrol Note: Default is enabled.
---	Beacon automatically syncs to other beacons via internal GPS Note: Default is enabled.
---	Cable loop is included. Includes data lines for use with ALDS interface and voltage powered alarm line.

OPTIONS

-C	ICAO Type C steady-burning red Note: May be used for red or dual beacon.
-UPS	Uninterruptible Power Supply
-Px	Factory Programming: see below. Default: GPS & PEC both enabled.

ALDS	Contact Point Lighting for interface with specific Aircraft Detection Lighting Systems (ALDS).
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Note: For a red only flashing beacon FAA L-864, CL864 or ICAO Type B, we suggest using PFB-37003.
See catalog file OL215PFBv3W.

TYPICAL BEACON PROGRAMMING

All beacons ordered will be factory programmed to accommodate the specific project. See the programming settings below which are set at time of production. The default programming has the GPS and PEC enabled. The PFB-37004 may be deployed as standalone, in a system with flashing sync'd by GPS or in a system operated by a POC system controller. The program set may be changed in the field to change the photometric standard or to change whether the beacon operates standalone or as part of a system of beacons.

Internal Global Positioning System (GPS) System Controller (POC)	Internal FAA Photoelectric Control (PEC) External FAA Photoelectric Control (PPC)
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Standard (Flashing):
Default Programming Each standalone beacon operates independently and flashes in sync.
See file OL308ADU for a passive PL40195 Alarm Display Unit (ADU).
The beacon may be **red** only, **white** only or red-white **dual**.
GPS: Enabled
PEC: Enabled

Simple System (Flashing):
Option -P3 Multiple beacons on one circuit switched by a PPC-40700 photocontrol.
Or the PPC may switch a POC-60301 system controller. Data cable is not required.
Beacons sync via GPS. Each beacon has an alarm wire that sends the AC signal return to the POC, ADU or other remote alarm relay. Only available for **red** beacons.
GPS: Enabled
PEC: Disabled

ACCESSORIES

PFB-37004 BEACON WITH PL11215-V4 WALL BRACKET
AND PL11545-34 JUNCTION BOX INSTALLED TO THE BRACKET



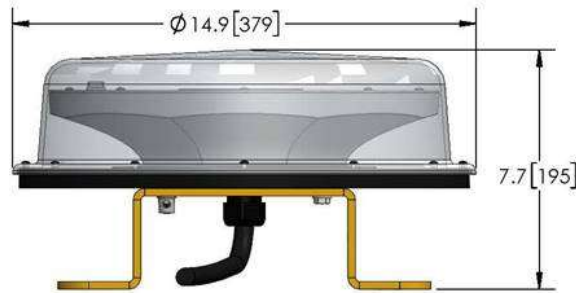
PFB-37004 BEACON WITH PL11215-V4-TPM BRACKET
AND PL11545-34 JUNCTION BOX INSTALLED TO THE BRACKET



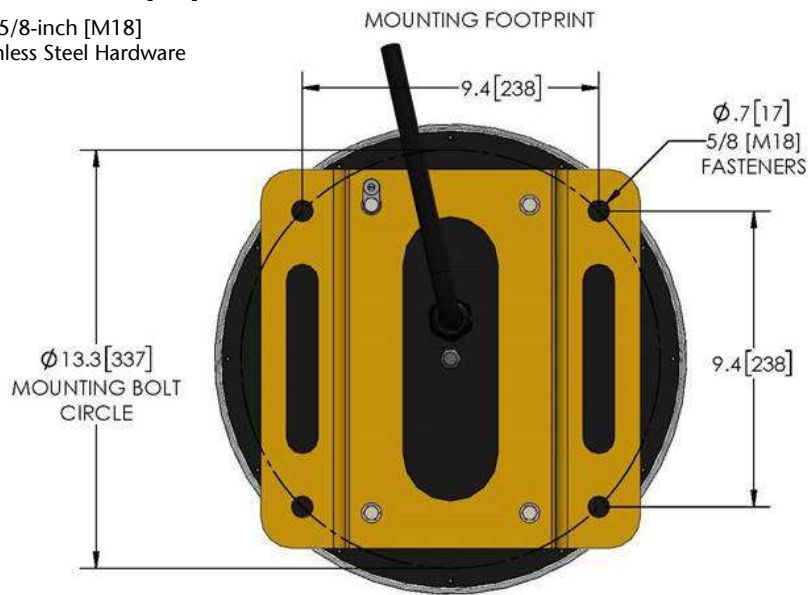
POINT LIGHTING

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WIND TURBINE OBSTRUCTION LIGHT
FAA L-864 & L-865
ICAO TYPES A, B & C



Dimensions: Inches [mm]
Use 5/8-inch [M18]
Stainless Steel Hardware



Weight: 22 lbs 10.0 kg

Power Measurements

Voltage	Peak W	White Day Mode		
		Average W	Peak VA	Average VA
120v AC	186 W	29.3 W	280 VA	31.4 VA
240v AC	186 W	27.2 W	346 VA	33.7 VA
Voltage	Peak W	Red Night Mode		
		Average W	Peak VA	Average VA
120v AC	34 W	4.0 W	50 VA	5.2 VA
240v AC	35 W	3.9 W	75 VA	9.2 VA