

HUGHEY & PHILLIPS

HORIZON™ 2009 Series Red Medium Intensity LED w/ IR System

FAA Type: L-864 Medium Intensity Lighting

ICAO Type: Type B/C Medium Intensity Obstacle Light

PANAMANIAN Type: Type B Medium Intensity Obstacle Light

ETL Certified:

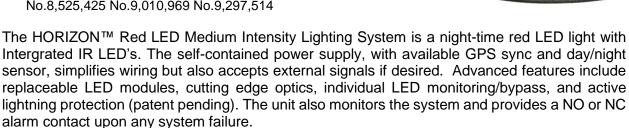
FAA Advisory Circular 150/5345-43J

Compliant to:

ICAO Annex 14 MIL-C-7989 **DGAC** of Mexico CAR 621.19 RACP of Panama

Patents:

No.8,525,425 No.9,010,969 No.9,297,514



Use:

Medium intensity red obstruction lighting systems are typically used on structures between 150' (45M) and 2200' (670M) above ground level to provide aviation safety. The use of a medium intensity red LED during the night-time typically requires the need to paint the structure with aviation orange and white stripes for daytime marking. The use of a red flashing LED at night provides a "community friendly" light. Hughey & Phillips medium intensity obstruction lights are designed for lighting tall structures such as communication, television and radio towers, chimneys, cooling towers, tall buildings, catenary river crossings and bridges.

Part Numbers:

HZN L-864 IR AC 30FPM 50-2002-001 50-2002-001-A HZN L-864 IR AC 30FPM GPS 50-2002-001-B HZN L-864 IR AC 30FPM GPS PCELL 50-2002-010 HZN L-864 IR DC 30FPM 50-2002-010-A HZN L-864 IR DC 30FPM GPS 50-2002-010-B HZN L-864 IR DC 30FPM GPS PCELL HZN L-864 IR AC ICAO TYPE C STEADY RED ON 50-2002-001-S 50-2002-001-SA HZN L-864 IR AC ICAO TYPE C STEADY RED ON GPS 50-2002-001-SB HZN L-864 IR AC ICAO TYPE C STEADY RED ON GPS PCELL

www. hugheyandphillips.com

937-652-3500 Fax 937-652-3508 877-285-4466



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FEATURES	BENEFITS
Original Equipment Manufacturer	Designed, engineered and manufactured by Hughey & PhillipsOne source for fixtures and complete lighting systems
Single Flashhead Construction	Compact designPatent No. 9,010,969
Integrated Day/Night Sensor	Built-in Photocell module (optional)
GPS Sychronization	Built-in GPS SYNC module (optional)
Failsafe Redundancy	 Automatic bypass of failed LEDs for continued operation Patent No. 8,525,425
Wiring Compatibility	 Existing tower wiring can be used for retrofit applications Environmentally sealed connectors Fewest number of control wiring
Interchangeable LED Modules	 Single screw access Built-in safety switch Fully field servicable unit Integrated Infrared LED
Cutting Edge Optics Design	 H&P exclusively designed 'Ekclipse' optics package Community Friendly lighting system Patent No. 9,297,514
Lightest Flashhead	17 poundsEase of handling and maintenance
AC Universal Input	Operation voltage of 100 to 265 VAC, 50/60Hz
DC Universal Input	Operation Voltage of +48 VDC

Specifications:

Unit Weight: 17 pounds (7.7kg)

Supply Voltage (AC): 100 to 265 VAC 50/60 Hz Universal Input Average Power (AC): 30 Watts @ 100 VAC, 50 Watts @ 265 VAC

Supply Voltage (DC): +48 VDC Average Power (AC): 25 Watts

Operating Temperature: -40°C to +55°C (-40°F to +131°F)

Dimensions & Mounting:

