

Vigilant Medium Intensity L-864 / L-865 (Red / White)+Infrared (IR) LED Obstruction Systems

Application

Dialight's LED based dual (red / white)+IR Obstruction System is ideal for E style FAA tower types and can be used to mark other structures as well. The operation of the lights is configurable and fully monitored. The side markers can be run in steady burn or flashing mode. The Dialight Gateway is optional and provides remote monitoring of the system. The lights are ETL verified to the FAA requirements. The addition of the Infrared (IR) LEDs help ensure the visibility of these products to aircraft pilots flying while aided by Night Vision Goggles (NVGs).

Features & Benefits

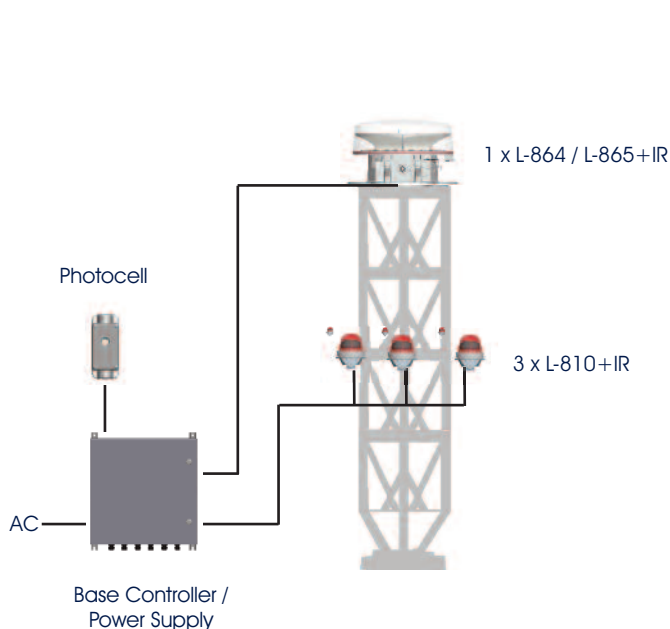
- Integrated controller with LCD backlit display
- Full 5 year performance warranty
- Universal 120-277V AC input or 48 V DC input
- Infrared (IR) LEDs centered at 860nm
- Controller can be mounted at the base of the structure
- NEMA 4x outdoor rated enclosure
- Wide temperature range: -40°C to +55°C
- Light weight design
- Low power consumption
- IP 66 rated light fixtures
- Impact and vibration resistant
- Provisions for padlock on the enclosure
- Dry contacts for alarm monitoring/status
 - Photocell alarm
 - White mode alarm
 - Power fail
 - L-810/L-864 light alarms
 - Red mode alarm
 - Communication
 - Operation mode (day/night)
 - Sync alarm



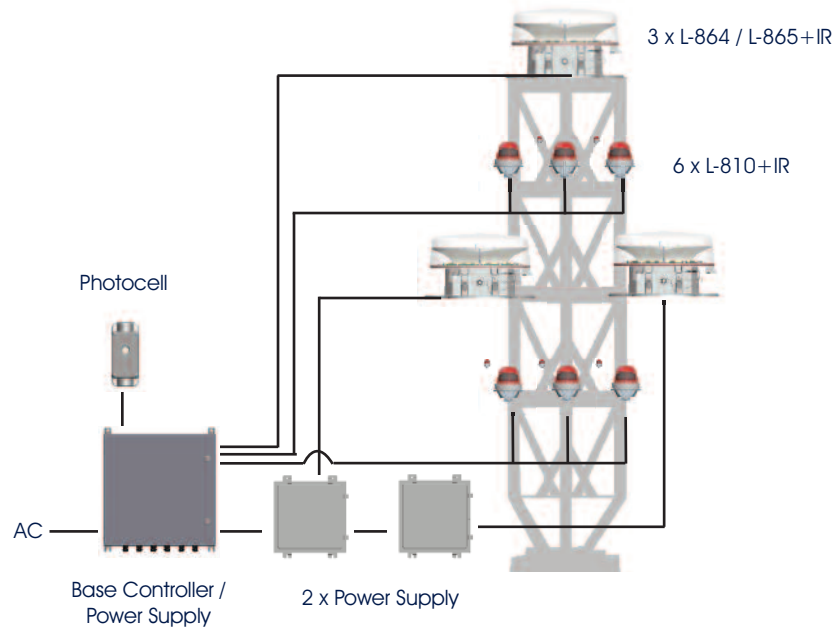
D1CWC13409SYS or D1CWC14409SYS
Dual (Red / White)+IR Systems
FAA Type E

Dialight's Control and Monitoring System for Medium Intensity L-864 / L-865 (Red / White)+IR Installations

Typical E1



Typical E2



*Night Vision Goggles (NVG) and Aviator Night Vision Imaging Systems (ANVIS) sense infrared (IR) light at various wavelength ranges. Accordingly, Dialight makes no claim or representation that the IR light emitted by the Vigilant light is visible to any make or model of any NVG or ANVIS. In no event shall Dialight or any of its representatives be liable for any damages, including, without limitation, direct, consequential, indirect, punitive, incidental or special damages, in connection with the IR light emitted by the Vigilant light and/or whether any NVG or ANVIS can sense such IR light or whether the IR light emitted by the Vigilant light is visible to any NVG or ANVIS, regardless of the form of action.

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