

POINT OBSTRUCTION LIGHTS LCM LIGHT CONTROL MODULE - ADLS

Compliances: FAA Advisory Circular 70/7460-1M, Chapter 10
ETL Listed Manufacturer of Industrial Control Panels

Aircraft Detection Lighting Systems (ADLS) are sensor-based systems designed to detect aircraft as they approach an obstruction or group of obstructions such as wind farms. The ADLS automatically activates the obstruction lights until the aircraft has passed the site. This technology reduces the impact of nighttime lighting on nearby communities and migratory birds and extends the life expectancy of the obstruction lights. Horizontal detection coverage should have the obstruction lighting activated prior to aircraft penetrating a minimum of 3 NM (5.56 km) away from the wind turbines. Vertical detection coverage extends up to 1,000 feet (304.80 m) above the height of the turbines. Depending on the extent of the site, multiple ADLS radars may be required for full coverage. Point Lighting's ADLS Light Control Module (LCM) is the interface between the ADLS system and the red obstruction lighting on each turbine using the site's Ethernet TCP/IP system.

CATALOG NUMBERS:

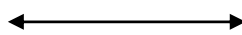
LCM PL11640-AC	96-264V AC
LCM PL11640-5	48V DC



FEATURES:

- CONTROLS ONE OR TWO PFB-37003 FAA L-864 RED OBSTRUCTION BEACONS
- COMPATIBLE WITH POPULAR ADLS SYSTEMS INCLUDING DETECT HARRIER AND TERMA SCANTER
- ENABLES REMOTE MONITORING AND CONTROL USING STANDARD MODBUS TCP/IP PROTOCOL
- ACTIVE FLASH SUPPRESSION WHEN AIRCRAFT ARE NOT DETECTED
- INDICATES SYSTEM STATUS: NORMAL OPERATION, ALARM STATE AND OPERATING MODE
- FAILSAFE DESIGN ENSURES THE LIGHTING ACTIVATE IN THE EVENT OF A COMMUNICATION FAILURE
- POINT LIGHTING CORPORATION SIX (6) YEARS LIMITED WARRANTY

ADLS RADAR TOWER
BY OTHERS



TYPICAL OFFSHORE WIND FARM
WITH PFB-37003 RED BEACONS
TO ACTIVATE UPON AIRCRAFT DETECTION

