



NML..

Low-intensity aircraft warning light fixture



Marking to ATEX 94/9/EC Directive: II 2 G / Ex d IIC T4 or T3 / II 2 D Ex tD A21 IP65 T130°C or T195°C

Zone: 1, 2, 21, 22 - Gas Group IIC

Compliance with: IEC 60079-0:2004, IEC 60079-1:2003, IEC 61241-0:2004, IEC 61241-1:2004

EC Type Examination Certificate: ISSeP 07 ATEX 022

Production quality assurance notification to 2014/34/EU: ISSeP 12 ATEX 026



FEATURES

- Application:** Single or double warning lights normally installed on tower or high buildings for hazard warning.
- Enclosure:** Copper free aluminium alloy suitable for petroleum and marine locations.
- Glass:** Borosilicate tempered glass resistant to impact and sudden heat changes.
- Control box:** Optional electronic control box for ON-OFF flashing. Also available with adjustable photocell for operation at darkness.
- IP rating:** IP65 to IEC 529 / EN 60529. IP66 by application of an approved non-hardening grease.
- Installation:** Wired to junction box with optional attachments for any type of installation.
- Wire guard:** Stainless steel wire guard supplied with all lighting fixtures, as standard.
- Cable entry:** ISO 965.1 metric as standard. NPT or other threads supplied on request.
- Earthing:** Standard M6 internal and external earth screws.
- Finish:** Electrostatic powder coated or two pack epoxy paint.



OPTIONS

- Specify "Single" or "Double" warning light.
- Installation attachments, for "Direct" or "Conduit" mounting.
- Control box with adjustable ON-OFF flashing. With or without photocell.
- Cable gland

نور محور فارس
تولید کننده تجهیزات الکتریکی ضد انفجار
NM SWITCHGEAR
Explosion Proof Electrical Supplies



Low-intensity aircraft warning light

LAMP SPECIFICATIONS

- NMWL-L low-intensity light could be used alone on the top of the high-rise building, high chimney, marking towers Telecom, GSM, Microwave & TV), high pole, tower crane, wind turbine, etc. when the height is lower than 45m.

This low-intensity light is a steady burning aviation obstruction light designed for making top of obstacle that do not exceed 45 meters in height.

ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.1 & 6.2

Intensity type A / B obstruction light

LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light.

Power supply 230 VAC

Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.

Built-in photocell for day/night operation (dusk to dawn operation) Steady/Flashing (20, 30, 60 flashes per minute or steady) DIP switch on PCB

Surge and lightning protection

Alarm contact (NO COM NC) for remote monitoring

Light source: LED

Intensity (cd): 10 cd (type A), 32.5 cd (type B)

Horizontal output (degrees): 360

Vertical divergence (degrees): ≥ 10

Flash characteristics: Steady-burning / flashing (20, 30 & 60 fpm) adjustable

Operation mode: Dusk-to-dawn automatically as standard

LED life experience (hours): $>100'000$

Operating voltage: 230VAC

Power (W): 2.5

Circuit protection: Integrated

Product life expectancy: 5 years plus



NML..

Medium-intensity aircraft warning light fixture



Marking to ATEX 94/9/EC Directive: II 2 G / Ex d IIC T4 or T3 / II 2 D Ex tD A21 IP65 T130°C or T195°C

Zone: 1, 2, 21, 22 - Gas Group IIC

Compliance with: IEC 60079-0:2004, IEC 60079-1:2003, IEC 61241-0:2004, IEC 61241-1:2004

EC Type Examination Certificate: ISSeP 07 ATEX 022

Production quality assurance notification to 2014/34/EU: ISSeP 12 ATEX 026



FEATURES

- Application:** Single or double warning lights normally installed on tower or high buildings for hazard warning.
- Enclosure:** Copper free aluminium alloy suitable for petroleum and marine locations.
- Glass:** Borosilicate tempered glass resistant to impact and sudden heat changes.
- Control box:** Optional electronic control box for ON-OFF flashing. Also available with adjustable photocell for operation at darkness.
- IP rating:** IP65 to IEC 529 / EN 60529. IP66 by application of an approved non-hardening grease.
- Installation:** Wired to junction box with optional attachments for any type of installation.
- Wire guard:** Stainless steel wire guard supplied with all lighting fixtures, as standard.
- Cable entry:** ISO 965.1 metric as standard. NPT or other threads supplied on request.
- Earthing:** Standard M6 internal and external earth screws.
- Finish:** Electrostatic powder coated or two pack epoxy paint.



OPTIONS

- Specify "Single" or "Double" warning light.
- Installation attachments, for "Direct" or "Conduit" mounting.
- Control box with adjustable ON-OFF flashing. With or without photocell.
- Cable gland

نور محور فارس
تولید کننده تجهیزات الکتریکی ضد انفجار
NM SWITCHGEAR

Explosion Proof Electrical Supplies



Medium-intensity aircraft warning light

LAMP SPECIFICATIONS

- NMWL-M medium-intensity light is type B aviation obstruction light flashing red color, used on the top of the high-rise building, high chimney, marking towers (Telecom, GSM, Microwave & TV), high pole, tower crane, wind turbine, etc. when the obstacle height is 45-105meter, and most time work with low-intensity lights installed on the lower place.

Ultra-high intensity CREE LED is used for the light source ensure the long-life experience and good performance. Self-designed lens converging light to very small vertical divergence 3° make it totally compliance with ICAO standard.

ICAO Annex 14 Volume 1, Sixth edition, 2013, table 6.3

Intensity type B obstruction light

LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light.

CREE ultra-high intensity LED as light source saving power consumption and maintenance than incandescent light or halogen lamp.

Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.

Built-in photocell for day/night operation (dusk to dawn operation) Steady/Flashing (30 flashes per minute or steady) DIP switch on PCB

Surge and lightning protection

Alarm contact for remote monitoring

GPS synchronization

Dry contact alarm output

Light source: CREE high-intensity LED

Intensity (cd): 2000 cd ± 25%

Horizontal output (degrees): 360

Vertical divergence (degrees): 3

Flash characteristics: Steady-burning / flashing (30 fpm)

Operation mode: Dusk-to-dawn automatically as standard

LED life experience (hours): >100'000

Operating voltage: 110-240VAC

Power (W): 10

Circuit protection: Integrated

Product life expectancy: 5 years plus