



Nexled Zone 1 LED (NELE - Emergency) - Discontinued

By Chalmit Lighting



The NexLED bulkhead luminaire utilises high output 1 Watt light emitting diodes (LED's) that provide a white, instant light that is highly visible. Bulkheads offer a compact and versatile solution for many applications, especially in exposed conditions with high levels of dust and moisture. The enclosure is corrosion resistant marine grade aluminium with a toughened glass cover, silicone rubber sealing gasket and stainless steel fixings. The product can be fitted with either two or eight low power LED's making the NexLED an efficient luminaire for both mains and emergency mode operation from the backup battery. The use of LED technology means that light output in emergency mode is identical to mains operation, lamps switch off for one second when the mains fail then restart to indicate battery operation. The bulkhead is simple to install, easy to maintain and durable. The LED's are more efficient than incandescent and most tungsten halogen lights and operate for up to 80000 hours eliminating relamping in many applications. This new lamp technology emits no heat forward, no ultra violet light, is mercury free and is not susceptible to vibration. Suitable for a wide range of ambient temperatures from -45°C to +55°C with light output unaffected by low temperatures. Where emergency lighting is required in ambient temperatures below -5°C the NexLED is available with a heated battery compartment which maintains the batteries at the required temperature to sustain emergency duration. ATEX Certified GOST Approved IECEx Compliant

Features

- Installation to gas groups IIA, IIB and IIC.
- Highly visible, instant light.
- Easy to install and maintain.
- Ultra long life, no re-lamping required.
- Over 60,000 hours* continuous operation.
- Very low power consumption.

Application

- Zone 1 & 21
- Mounting holes in rear of casting

General

ATEX Classification	Group II Category 2 GD
Battery Type	4.2V 4Ah Ni-Cad
Construction Material - Main	Painted Aluminum LM6
	Enclosure
Emergency Illumination Time	90 min
Ingress Protection	<ul style="list-style-type: none">• IP66/67• IK08

Light Source
Mounting Type

LED Array

- Ceiling
- Wall
- Recessed
- Pole/Stanchion
- Bulkhead

Bulkhead

Type

Certifications And Compliance

Certification	<ul style="list-style-type: none">• ATEX• GOST• IECEx
Certified Listed	<ul style="list-style-type: none">• ATEX• IEC Ex• Inmetro• EAC (Russian)
Compliance	<ul style="list-style-type: none">• Increased Safety, Encapsulation• IP66/67• IK08
Hazardous Rating(s)	<ul style="list-style-type: none">• Ex e ib mb IIC T4 Gb

- Ex tb IIIC T95°C Db IP6X

Product Assets

BIM - NELE201LE

Catalog Page - NexLED Emergency Datasheet (English)

Certifications - EAC KZ 7100841.01.01.02093 (Russian)

Certifications - TYPE APPROVAL CERTIFICATE

Certifications - Certificate | NexLED ATEX

Certifications - Certificate | NexLED INMETRO

Certifications - Certificate | NexLED IECEX

Certifications - Certificate | NexLED EAC

Installation Manuals - IOM | NexLED IEx ENGLISH

Installation Manuals - IOM | NexLED ATEX-IEC

Installation Manuals - IOM | NexLED EAC

Installation Manuals - IOM | NexLED IEx PORTUGUESE

Photometry - Photometric File | NELE/201/LE/EM

Photometry - Photometric File | NELE/801/LE/EM/GDE

Photometry - Photometric File | NELE/801/LE/EM

Photometry - Photometric File | NELE/201/LE/EM/GDE

Specifications - Nexled Zone 1 LED (NELE - Emergency) -

Discontinued



A Hubbell brand

©2025 Hubbell Incorporated. All rights reserved
CHAL-PID866059-SPEC-EN | REV 3/2025