

SEG Series LED Emergency Luminaires

Class I, Div.1, Group A, B, C, D Hazardous Locations
 Class II, Div.1, Group E, F, G Wet Locations, Type 4X, IP 66
 Class III
 Zone 1&2; Zone21&22



Applications

- In area requiring emergency illumination during failure or interruption of power
- Oil and gas plants, oil terminals, refineries, petrochemical and chemical plants, waste and sewage treatment facilities, food processing facilities, breweries and other industrial manufacturing facilities
- In area where corrosion, vibration, moisture, dirt and fibers
- Classified and hazardous locations where flammable gases or vapors may present due to abnormal, unusual or accidental conditions

Features

- Metallic and gasketed housing to endure harshest and corrosion environment
- Two assembled LED lamp heads, adjustable to focus light where you need it, resistant to corrosion, impact and water
- Lightweight, compact size and mounting feet ease installation and allow placement in confined area
- Two NPT3/4 drilled hubs and blind plugs to right and left feed
- Rugged, long life, maintenance-free, nickel cadmium battery or Ni-MH battery, last for emergency operation time at 10W LED for 120 minutes or 180 minutes
- Factory-installed self-test, monitoring and diagnostics device to reduce the costly maintenance checks
- Solid battery charger, long-life and reliable, prevent deep discharge by disconnecting luminaires from battery automatically
- Wall mounting and pendant mounting for option

Technical Datasheet

Ex-mark	Ex d IIB T6 Gb Ex tD A21 T80°C Db IP66
Rated Voltage	AC 220V 50/60Hz, DC 12/24/36V
Rated Wattage(W)	2x5W LED
Emergency Duration	120min or 180min
Battery Specification	Nickel Cadmium battery or Ni-MH battery
Luminous Flux(Lm)	1400Lm
IP Grade	IP66
Ambient Temperature	-20° C ~ +40° C / -4° F ~ +104° F
Cable Entry	NPT1/2" or NPT3/4" or M25 x 1.5
Terminals	Terminal blocks ≤ 2.5mm ² , cable diameter 10-14mm
Installation	Wall / Pendant
Weight	3.2Kg

Compliances

IEC Standard

IEC60079-0, IEC60079-1, IEC60079-11

Ex d IIB T6 Gb

Ex tD A21 T80°C Db IP66

Zone 1, Zone 2; Zone 21, Zone 22

IP66

EU Standard

EN60079-0, EN60079-1, EN60079-11



II 2 G Ex d IIB T6 Gb



II 2 D Ex tD IIIB A21 T80°C Db IP66

Zone 1, Zone 2; Zone 21, Zone 22

IP66

NEC & CEC Standard

Clase I, Div 1, Grupo A, B, C, D

Clase II, Div 1, Grupo E, E, G

Class III

Wet Locations, Type 4X, IP66

UL Standard

UL844, UL1598, UL1598A

CSA Standard

CSA C22.2 No.137

Mounting Options & Dimensions (mm)

