

TORSO

LED Explosion Proof Linear Light

North American Classification

Class : 1	Gases
Division : 2	

EU Classification

Zone : I, II	Gases / Vapors
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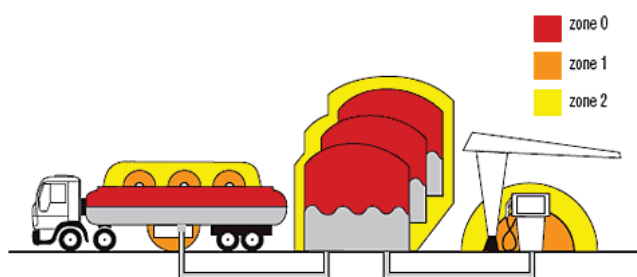
Ex mark : Ex d IIB T5; Ex t III C



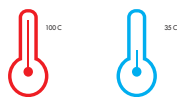
NIXON provides a five year manufacturer's guarantee on all Nixon branded products.

- Electric Powered Industrial Equipment, used in areas containing explosive or flammable materials, must be designed to prevent any operation of the equipment from igniting the atmosphere. The design and construction of EX Lighting Equipments by NIXON permit their classification as Explosion Proof (EX) and enable their use in explosive and hazardous atmospheres.

(ATEX) ZONE DIAGRAM :



Heat Generation



HID/Sodium : 100 C
LED : 35 C

Light Source Life



HID/Sodium : 15.000 Hrs
LED : 50.000 Hrs

Mercury Safety



HID/Sodium : Contains
LED : -

Equal With



HID : 250 W
Sodium : 400 W



ATEX APPROVED

Certificate No:
NEMK012 ATEX 1254



Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.



Fit for 1/2 NPT Glands



High Quality PC Diffuser



Applied with Hanging Bracket

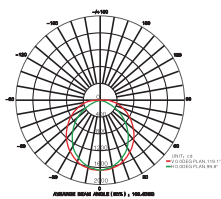


- Patented design for heat dissipation to ensure life of light source up to 50,000 hours.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Die casting aluminum housing, with anti-static and anti-corrosion coating, high explosion-proof degree of flameproof type; dust-proof, waterproof; corrosion resistance, high light transmission.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double image.
- Beautiful appearance, several types of installation methods available.



- Advanced Quadratic Light Distribution
Dust-Proof, Waterproof
- Die Casting Aluminium Housing
- Several Type Montage Equipments
- Anti-Static, Anti-Corrosion Coating

LIGHT DISTRIBUTION & ILLUMINANCE GRAPHICS :



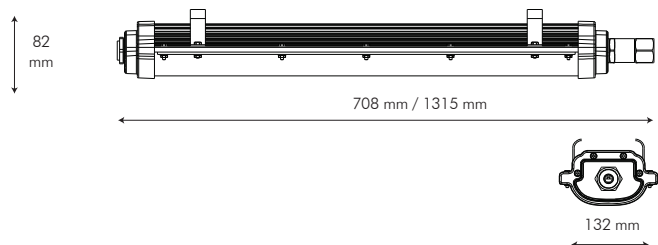
HEIGHT	Vertical illuminance (20/30/40/50/60W)	Irradiation range
2M	158/205/317/365/410Lx	Φ 5M
3M	70/91/141/163/182Lx	Φ 7M
4M	40/52/80/93/103Lx	Φ 10M
5M	25/33/51/58/66Lx	Φ 12M

The lux at edge is 30% of The highest



i Go to **nixonled.com** for IES specific data and technical drawings.

Dimensions



Order Information

Article no	System Power	Lumen
NIX-EX-809-TOR01	20W	2000
NIX-EX-809-TOR02	40W	4000
NIX-EX-809 TOR03	60W	6000



NIX-EX-EPTL03 20W

NIX-EX-EPTL03 40W

NIX-EX-EPTL03 60W

	20W	40W	60W
Power Consumption	20W	40W	60W
Input Voltage	220V AC (applied for 90-305V)		
Frequency	50/60 Hz (applied for 47-63 Hz)		
Beam Angle	60°/90°/120°/140°/ 140° (Transversely) 70° (vertically)		
Explosion-proof Grade	Ex dIIB T5 Gb/Ext IIIC T95 °C Db		
Corrosion-proof Grade	VF2		
IP Grade	IP67		
Power Factor	>0.95		
Total Harmonic Current	<15%		
Lamp Efficiency(%)	≥90%		
Color Temperature(K)	Warm white:2700-4000K; Pure white: 5000-6500K		
Junction Temperature(TJ)	<65°C		
Color Rendering Index (CRI)	Ra > 70		
Light Effect	130 lm/W		
Ambient Environment	Temperature: -30°C—55°C; Humidity: 10-90%RH (25°C)		
Storage Temperature	-40°C-60°C		
Lifespan	>50000 Hours		
Material	Aluminum Alloy		
Installation Height	4~10m (flood light) / 10~30m (project light)		
Dimensions / Pkg. Size(mm)	708 x 82 x 132 mm		
Net Weight / packed Weight	-		