

TALON

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

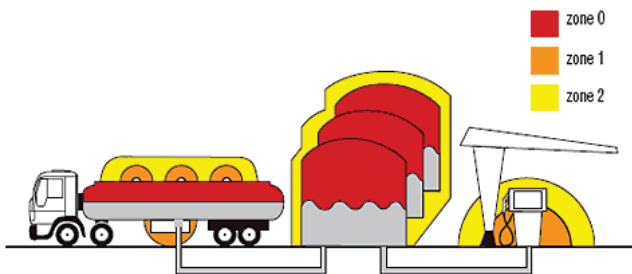


NIXON provides a five year manufacturer's guarantee on all Nixon branded products.



- 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 : 50 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.



Bullet-proof Lens



Fit for 1/2 NPT Glands



Applied with Hanging Bracket

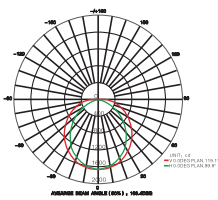


- Patented design for heat dissipation to ensure life of light source up to 50,000 hours.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Die casting aluminum housing, with anti-static and anti-corrosion coating, high explosion-proof degree of flameproof type; dust-proof, waterproof; thermal resistance, 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 Body
- Die Casting Aluminium Housing
- Can be Used as Ex-Proof Street Light with special frame
- Several Type Montage Equipments
- Anti-Static, Anti-Corrosion Coating

LIGHT DISTRIBUTION & ILLUMINANCE GRAPHICS :



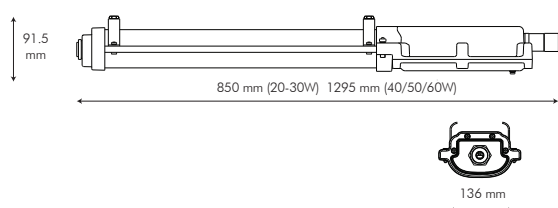
HEIGHT	Vertical illuminance (20/30/40/50/60W)	Irradiation range
2M	158/205/317/365/410Lx	Φ 5M
3M	70/91/141/163/182Lx	Φ 7M
4M	40/52/80/93/103Lx	Φ 10M
5M	25/33/51/58/66Lx	Φ 12M

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-TAL01	20W	2000
NIX-EX-809-TAL02	30W	3000
NIX-EX-809-TAL03	40W	4000
NIX-EX-809-TAL04	50W	5000
NIX-EX-809-TAL05	60W	6000



	NIX-EX-EPTL01 20W	NIX-EX-EPTL01 40W	NIX-EX-EPTL01 60W
Power Consumption	20W	40W	60W
Input Voltage	220V AC (applied for 90-305V)		
Frequency	50/60 Hz (applied for 47-63 Hz)		
Explosion-proof Grade	Ex dIIB T5 Gb/Ext IIIC T95 °C Db		
Corrosion-proof Grade	WF2		
IP Grade	IP66		
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		
Dimensions	850 x 136 x 91 mm		
Net Weight			