



The 9 Series is a 'ed' certified light fitting available with twin lamps in standard and emergency versions. It offers the following benefits:

- Aluminium body prevents twisting and maintains seal during installation
- Captive diffuser with isolation switch for fast, safe re-lamping
- Multi point diffuser locking gives superb sealing properties
- Class leading light output means fewer fittings per installation
- Mounting centres can be varied to your needs for faster installation
- Internally mounted 3hr batteries on emergency version - no need for additional battery box
- Low running costs due to the 50,000 hour electronic ballast

### Typical applications

Chemical sites	Offshore	Paint spray shops	Fuel storage facilities
Refineries	Marine	Grain storage	Water treatment plants
Docks / jetties	Pharmaceutical	Paper mills	Metal treatment plants

### Specification & options

### Lamp types, 'T' ratings & voltages

Specification	Details
Certification Code (Gas)	Standard version: Ex ed IIC Gb T5 or T4 Emergency version : Ex ed ib IIC Gb T5 or 4
Certification Code (Dust)	<b>Standard &amp; emergency versions: Ex t IIIB T86°C Dc</b>
Protection type	Ex ed (increased safety, flameproof)
ATEX / IECEx type class	Group II Category 2 G
Certification standards	EN 60079, IEC 60079, EN 61241, IEC 61241
Certificate(s)	SIRA00ATEX3071, IEC Ex SIR08.0089
Suitable zoned areas	Zone 1 and Zone 2, Zone 22
Gas group suitability	IIA, IIB, and IIC
Ambient range (max)	-20°C to 55°C - see lamp types
Material	Anodised corrosion resistant aluminium body with high impact UV resistant polycarbonate diffuser
Ingress protection (IP rating)	IP65
Cable Entries	4 x M20—ISO (3 plugged) as standard. Other threads available.
Electrical connections	3 wire and earth. Cable size 4mm <sup>2</sup> max Through wiring versions available
Control Gear	Electronic instant start ballast
Supply voltage	110-277V 50/60 Hz versions available
Installation / Mounting	<b>2 x M8 'Quick fit' bolts on variable centres</b>
Re-lamp access	Via safety held central locked diffuser
Weight	2x18W 7.0kg, 2x36W 11.2kg, 2x58W 13kg

Lamp Type / T8 Tubes	9 Series Standard All certified Ex ed IIC (gas) and Ex t IIIC (dust)	
2 x 18W	T5@Ta=25°C	T4@Ta=55°C
2 x 36W	T5@Ta=25°C	T4@Ta=55°C
2 x 58W	T5@Ta=25°C	T4@Ta=55°C

Lamp Type / T8 Tubes	9 Series Emergency All certified Ex ed ib IIC (gas) and Ex t IIIC (dust)	
2 x 18W	T5@Ta=25°C	T4@Ta=55°C
2 x 36W	T5@Ta=25°C	T4@Ta=55°C
2 x 58W	T5@Ta=25°C	T4@Ta=55°C

Lamp Type / T8 Tubes	9 Series Voltages (all 50/60Hz)	
	Standard	Emergency
2 x 18W	110-120V, 220-240V, 254V, 277V	110-120V, 220-240V
2 x 36W	110-120V, 220-240V, 254V, 277V	110-120V, 220-240V
2 x 58W	220-240V	220-240V

Accessories / Options	Details
Ceiling mounting kit	Pair of Gullwing brackets (Option GW)
Pole mounting kit	50mm Pole mounting kit (Option PC50)
Eyebolts	For pendant mounting fittings (Option PM)
Through wired	For speedier installation (Option TW)



Variable fixing points



Easy terminal access



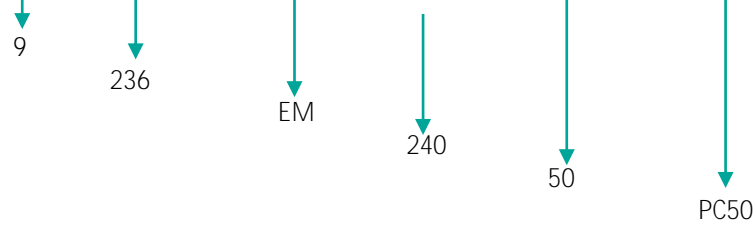
Single point locking

## Sizes & Lamp options

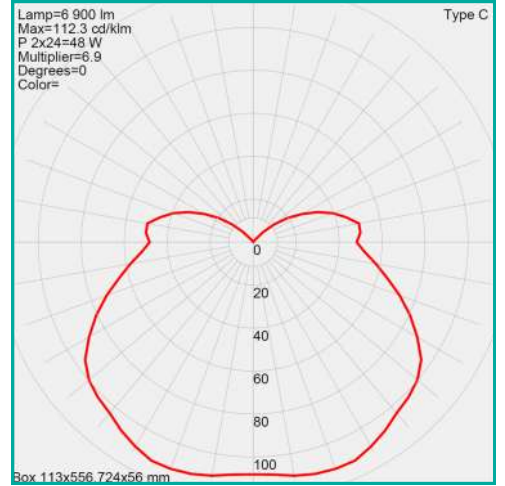
### How to select your product for ordering

Example: A 9 Series 2 x 36W emergency fitting with pole mount kit for use at 240 volts 50Hz.

Model Lamp type / Emergency / Voltage / Mains frequency / Options / Options

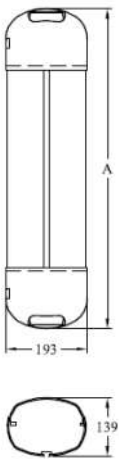


Product code required is:  
9236/EM/240/50/PC50



Photometric data available-contact for details

### Fixings & Dimensions - all versions



Lamp	Length A /mm	Fixing centres from 100mm up to
2 x 18W	760	450
2 x 36W	1365	1055
2 x 58W	1665	1355



T bolt standard fixing brackets

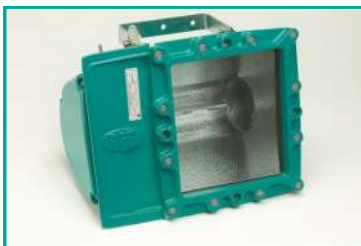


Gullwing optional fixing brackets

### Also available from Petrel



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Zone 1 Floodlight



Zone 2 Fluorescent



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