

## 9 Series Ex ed Fluorescent Luminaire

Zones: **1** **2** **22**      Cat: **2**



**High output fluorescent luminaire suitable for zone 1 hazardous area applications with a range of lamp wattages available from 36W to 116W.**

Manufactured from heavy duty aluminium extrusion with polycarbonate end caps and diffuser. The three hour duration emergency models are fitted with integral batteries and charger units. Access to lamps is via a single point locking mechanism and mounting is enabled using “quick fit” T bolts in a channel for maximum flexibility. The modern styling of this extremely rigid luminaire allows unobtrusive use for both internal and external applications.



- ✓ Fast installation due to infinitely variable mounting position
- ✓ Multi-point locking diffuser assembly
- ✓ Safe working with internal isolation switch and diffuser retaining straps
- ✓ Standard and emergency variants

### Specifications & Options



<b>Label Marking</b>	Standard version Ex ed IIC Gb T5 or T4. Emergency version: Ex ed ib IIC Gb T5 or 4	<b>Certification standards</b>	EN 60079, IEC 60079
<b>Zoned areas</b>	Zones 1, 2 & 22	<b>Certificate No.s</b>	SIRA 00ATEX 3071 IECEX SIR 08.0089
<b>Ambient range ( max )</b>	-20°C to +55°C (T4) -20 °C to + 25 °C (T5) - see lamp types	<b>IP rating</b>	IP65 to EN60529
<b>Material</b>	Anodised corrosion resistant aluminium high impact polycarbonate diffuser. UV resistant		
<b>Cable entries</b>	4 x M20 (3 plugged) as standard other threads available		
<b>Electrical connections</b>	3 wire and earth cable size 4mm <sup>2</sup> max. Through wiring versions available		
<b>Light source</b>	T8 Fluorescent*		
<b>Light output</b>	Various ranging from 3,300 lm (max) - 10,400 lm (max)		
<b>Supply voltage (s)</b>	230v, 50/60hz call for details of versions available		
<b>Installation / Mounting</b>	2 x M8 quick fit bolts (supplied). For variable mounting centres.		
<b>Control gear</b>	Electronic instant start ballast and integral charger inverter for Em versions		
<b>Dimensions</b>	Size 2 760mm x 193mm, Size 4 1,365mm x 193mm, Size 5 1,665mm x 193mm		
<b>Weight</b>	18w Std 6.8kgs, 36w Std 10.4 kgs, 58w Std 12kgs, 18w Em 7kgs, 36w Em 11.2kgs and 58w Em 13kgs		

**We offer a lighting design service**

\* Lamps not included

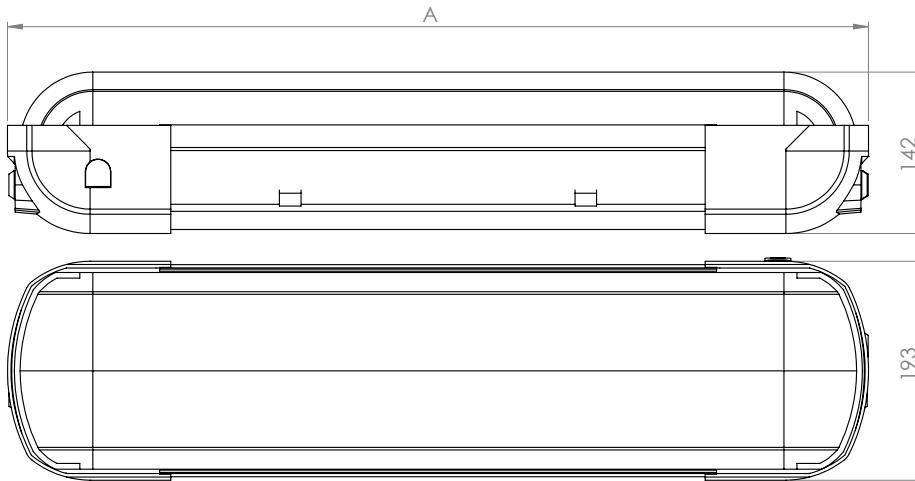
# 9 Series Ex ed Fluorescent Luminaire

Spares and accessories available  
Refer to main catalogue

## CIRCUIT BREAKER / INRUSH CURRENT

Maximum loading of automatic circuit breakers						
Breaker type	B10	B16	B20	C10	C16	C20
Cable size mm <sup>2</sup>	1.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	1.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>
9218/S2/HF	18	30	36	36	60	72
9236/S4/HF	12	23	29	23	38	44
9258/S5/HF	11	19	22	14	23	29

Supply voltage @230 VAC, mains impedance = 1ff  
In case of multi-pole CB the maximum number is reduced by 20%.  
The maximum number may differ depending on CB manufacturer.  
Please consult the manufacturer specifications.



Size	Length A/mm	Fixing centres from 100mm up to
2	760	450
4	1,365	1,055
5	1,665	1,355

## ORDERING INFORMATION

Standard	Part Number	Description	Light Source	Nominal Light Output	Nominal Power consumption	Size
	9218/S2/HF	2' Twin T8 Exe Luminaire	Twin Tube Fluorescent	Up to 3,300lm	36w	760
	9236/S4/HF	4' Twin T8 Exe Luminaire	Twin Tube Fluorescent	Up to 6,700lm	72w	1,365
	9258/S5/HF	5' Twin T8 Exe Luminaire	Twin Tube Fluorescent	Up to 10,400lm	116w	1,665

Emergency	Part Number	Description	Light Source	Nominal Light Output	Nominal Power consumption	Size
	9218/S2/EM	2' Twin T8 ExE Luminaire (EM)	Twin Tube Fluorescent	Up to 3,300lm	36w	760
	9236/S4/EM	4' Twin T8 ExE Luminaire (EM)	Twin Tube Fluorescent	Up to 6,700lm	72w	1,365
	9258/S5/EM	5' Twin T8 ExE Luminaire (EM)	Twin Tube Fluorescent	Up to 10,400lm	116w	1,665

For safer hazardous areas call us today on

**0121 783 7161**

sales@petrel-ex.co.uk | www.petrel-ex.co.uk



**Petrel**  
.....  
Hazardous Area Lighting Solutions

Date 16 July 2020 | Subject to technical changes