

# Defiant Industrial Fluorescent Luminaire

## Industrial

High efficiency fluorescent luminaire suitable for industrial area applications in both standard and emergency formats and a range of sizes from 2-5ft with light output up to 10,400lm.

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 gear tray 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 and robust luminaire allows unobtrusive use for both internal and external applications.



- ✓ Twin 18w, 36w ,58w T8 (lamps not provided)
- ✓ Standard and emergency variants
- ✓ Class leading light output
- ✓ Variable mounting centres
- ✓ 2' 4' and 5' versions
- ✓ Captive diffuser for safe installation and maintenance
- ✓ Anodised corrosion resistant aluminium body with high impact polycarbonate diffuser

## Specifications & Options

<b>Ambient range ( max )</b>	-20°C to +55°C	<b>IP rating</b>	IP65 to EN60529
<b>Material</b>	Anodised corrosion resistant aluminium body with high impact polycarbonate diffuser. UV resistant.		
<b>Cable entries</b>	4 x M20 iso (3 plugged) as standard		
<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 from 2 x 18w to 2 x 58w		
<b>Light output</b>	Various ranging from 3000lm to 10,400lm (depending on lamp choice)		
<b>Supply voltage (s)</b>	110-240V, 50/60Hz		
<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>	Size 2 7kg, size 4 11.2kg, size5 13kg		

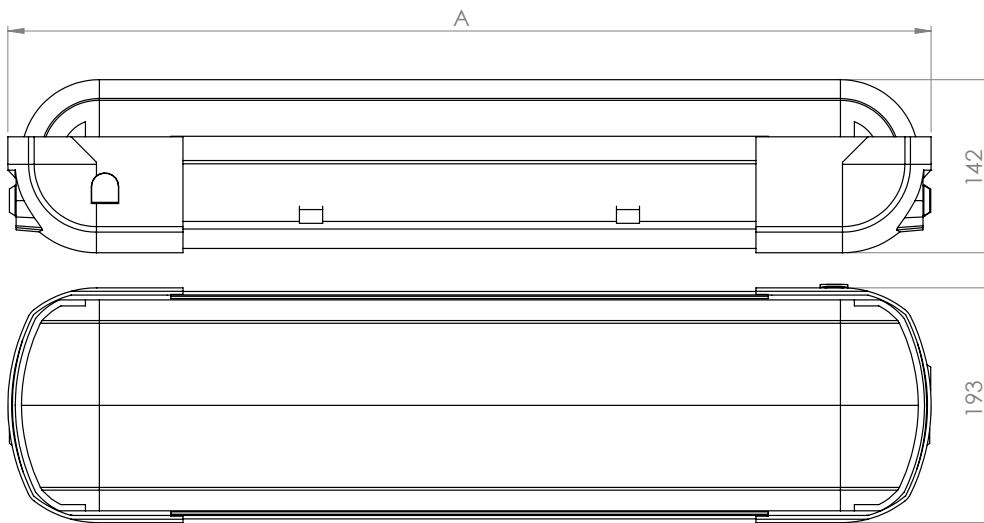
We offer  
a lighting  
design  
service

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## 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>
DEF218/HF	18	30	36	36	60	72
DEF236/HF	12	23	29	23	38	44
DEF258/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.  
 Circuit Breakers with C characteristics are recommended for LED lighting circuits.



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
	DEF218/HF	2' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 3,300lm	36w	760mm
	DEF236/HF	4' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 6,700lm	72w	1,365mm
	DEF258/HF	5' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 10,400lm	116w	1,665mm

Emergency	Part Number	Description	Light Source	Nominal Light Output	Nominal Power Consumption	Size
	DEF218/HF/EM	2' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 3,300lm	36w	760mm
	DEF236/HF/EM	4' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 6,700lm	72w	1,365mm
	DEF258/HF/EM	5' Twin T8 Luminaire	Twin Tube Fluorescent	Up to 10,400lm	116w	1,665mm

For safer hazardous areas call us today on

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