

# Resilient Series Standard & Emergency Fluorescent Luminaire



The Resilient Series is a non-corrosive industrial light fitting based on our Zone 2 certified light fitting available with single or twin lamps in standard and emergency versions. It offers the following benefits:

- Designed for hazardous areas provides extra protection in harsh industrial environments
- Easy, fast re-lamping using non-corrosive quick release diffuser clips
- Internally mounted 3hr batteries on emergency version - no need for additional battery box
- Optional through wiring for faster installation runs

### 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 available

Specification	Details
Ambient range (max)	-40°C to 55°C
Material	Tough GRP moulded body, polycarbonate diffuser and coated steel control gear tray. Corrosion resistant clips for gear tray and diffuser
Ingress protection (IP rating)	IP65
Cable Entries	2 x M20—ISO (1 plugged) as standard.
Electrical connections	3 wire and earth. Cable size 4mm <sup>2</sup> max Through wiring versions available
Control Gear	Electronic instant start ballast with EOL (end of life) cut off
Supply voltage	230-240V, 50/60 Hz
Installation / Mounting	Drill through point on enclosure body
Re-lamp access	Quick release spring diffuser clips

Lamp Type / T8 bi-pin	Resilient Series Standard & Emergency versions product codes
2 x 18W	RES/218/HF (/EM for emergency version)
2 x 36W	RES/236/HF (/EM for emergency version)
2 x 58W	RES/258/HF (/EM for emergency version)
1 x 36W	RES/136/HF (/EM for emergency version)
1 x 58W	RES/158/HF (/EM for emergency version)

Accessories / Options	Details
Through wired	For speedier installation (Option TW)
Stainless Steel brackets	Fast installation corrosion resistant bracket (Option SSB)
Gullwing mounting brackets	(Option GWB)



Corrosion resistant clips



Weatherproof gasket



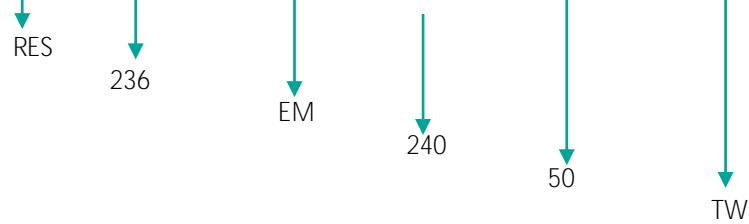
Quick release gear tray

## Sizes & Lamp options

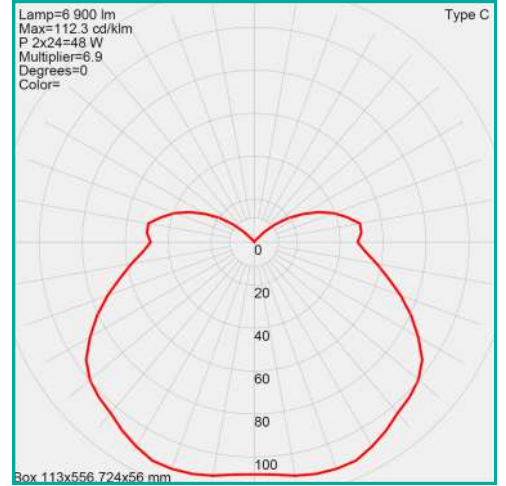
### How to select your product for ordering

Example: A Resilient Series 2 x 36W emergency fitting with through wiring for use at 240 volts 50Hz.

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

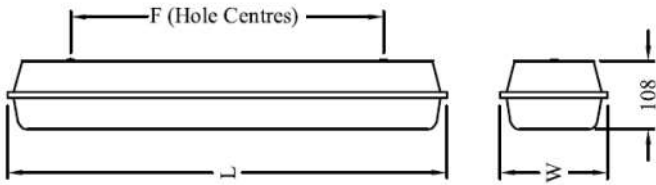


Product code required is:  
RES/236/EM/240/50/TW



Photometric data available-contact for details

### Fixings & Dimensions - all versions



Stainless steel mounting clips

Lamp	L / mm	W / mm	F / mm (fixing centres)	Weight / kg	
				Standard	Emergency
2 x 18W	702	172	500	2.8	3.8
2 x 36W	1312	172	800	3.6	4.6
2 x 58W	1612	172	1100	5.0	5.6
1 x 36W	1312	102	800	3.2	4.0
1 x 58W	1612	102	1100	3.4	4.2



Gullwing bracket mounting clips

### Also available from Petrel



Zone 1 Wellglass



Zone 1 Floodlight



Zone 1 Fluorescent



Industrial Bulkhead



Hazardous area control equipment

Representation worldwide

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