



The Defiant is a robust industrial 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
- Robust design based on our certified ATEX fitting

Typical applications—all industrial and commercial sites as well as safe areas of the applications below:

Chemical sites	Offshore Wind Farms	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 & voltages

Specification	Details
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 ² max Through wiring versions available
Control Gear	Electronic instant start ballast
Supply voltage	110-277V 50/60 Hz versions available
Installation / Mounting	2 x M8 'Quick fit' bolts on variable centres
Re-lamp access	Via safety held central locked diffuser
Weight	2x18W 7.0kg, 2x36W 11.2kg, 2x58W 13kg

Lamp Type / T8 tubes	Defiant 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

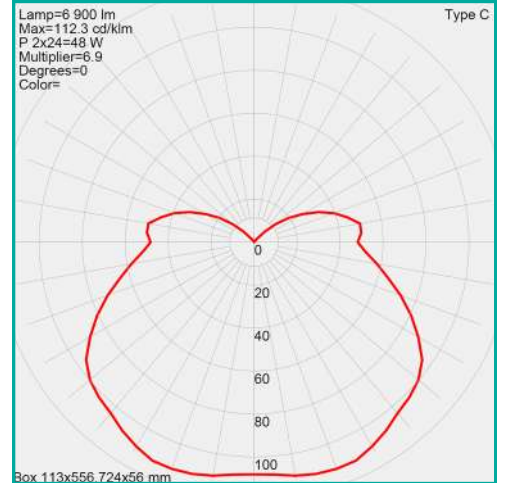
How to select your product for ordering

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

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

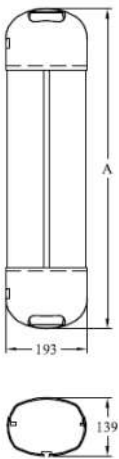
↓ 9 ↓ 236 ↓ EM ↓ 240 ↓ 50 ↓ PC50

Product code required is:
DEF236/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

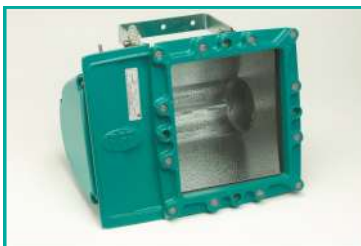


Gullwing optional fixing brackets

Also available from Petrel—ATEX and IEC Ex approved products



Zone 1 Wellglass



Zone 1 Floodlight



Zone 2 Fluorescent



Industrial Bulkhead



Hazardous area control equipment

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