



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

- Quick release diffuser with isolation switch for fast, safe re-lamping
- Flush with ceiling fitting reduces dust build up
- 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 site offices
Refinery offices

Offshore cabins / accommodation blocks
Water treatment plant control cabins

Fuel storage facilities
Pharmaceutical laboratories

Specification & options

Lamp types, 'T' ratings & voltages

Specification	Details
Certification Code (Gas)	Ex de IIC Gb T5 or T4
Certification Code (Dust)	Ex tb IIIB T135°C Db
Protection type	Ex de (flameproof, increased safety)
ATEX / IECEx type class	Group II Category 2G 3D
Certification standards	EN 60079, IEC 60079, EN 61241, IEC 61241
Certificate(s)	SIRA00ATEX3106, IEC Ex SIR09.0039
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	Polyester coated steel and toughened glass in an aluminium frame
Ingress protection (IP rating)	IP55
Cable Entries	4 x M20—ISO (3 plugged) as standard.
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	4 fixing feet on rear of enclosure
Re-lamp access	Via front glass and quick release diffuser

Lamp Type	9R Series Standard & Emergency versions All certified Ex de IIC (gas) and Ex tb IIIB (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	9R 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
Through wired	For speedier installation (Option TW)



Fixing points



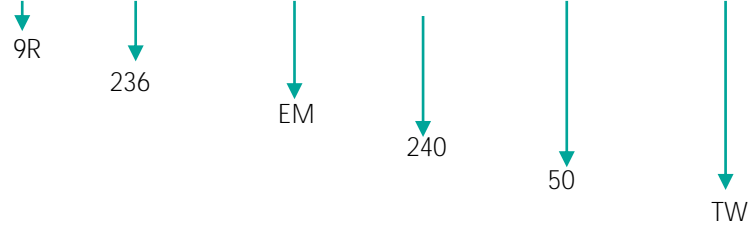
Ballast pack

Sizes & Lamp options

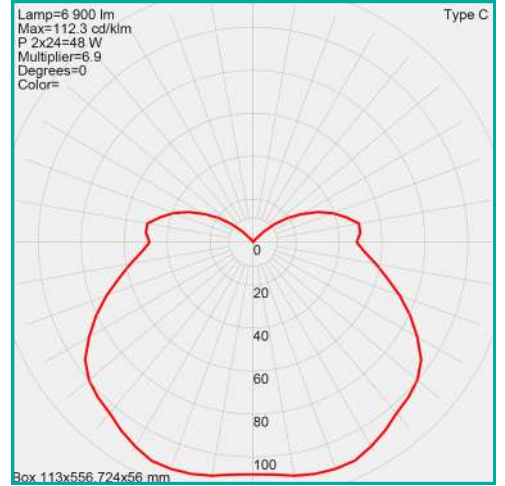
How to select your product for ordering

Example: A 9R Series 2 x 36W emergency fitting with through wiring for use at 240 volts 50Hz.

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

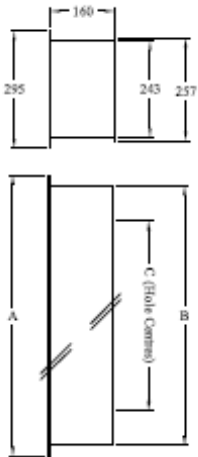


Product code required is:
9R/236/EM/240/50/TW



Photometric data available-contact for details

Fixings & Dimensions - all versions



Lamp	A / mm	B / mm	C / mm (fixing centres)	Weight / kg	
				Standard	Emergency
2 x 18W	802	752	642	12.0	12.5
2 x 36W	1402	1352	1242	13.0	13.5
2 x 58W	1702	1652	1542	15.0	15.5

Also available from Petrel



Zone 1 Wellglass



Zone 1 Floodlight



Zone 2 Fluorescent



Industrial Bulkhead



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