

Lighting: Incandescent and Compact Fluorescent Lighting Fixture, VIN, VCF, VLED Series

Restricted Breathing and Dust protection by enclosure

Zone 2 – 21 & 22

Specification

- Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
- Glass globe : Borosilicate glass
- Guard : Stainless steel
- Sealing gasket : Silicone

Technical Data

Hazardous Area	Gas	Dust
Zones	2	21 & 22
Equipment Group/Category	II 3G	II 2D
Symbol of Protection	Ex nR IIC T** Gc	Ex tb IIIC T** °C Db IP66
Conformity to standards	EN IEC 60079-0:2018, EN 60079-15:2010, EN 60079-31:2014	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Mounting	Ceiling, Pendant, Stanchion or Bracket mounting	
Connection	L, N and E ; for 1-4mm. ² cable	
Rated Voltage	220/230V.ac ±5% 50Hz.	

** See temperature class on catalogue number table.



Ceiling mounting

Pendant mounting



Stanchion mounting

Bracket mounting

Catalogue Number Logic

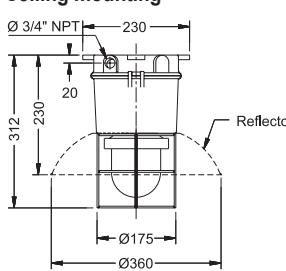
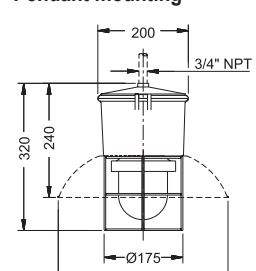
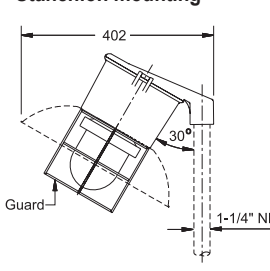
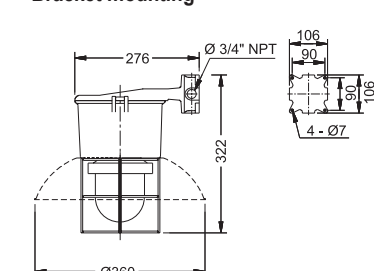
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Series		Lamp Watt	Accessories	Mounting
VIN Incandescent		(see ordering requirement table below)	R Reflector	C Ceiling
VCF Compact Fluorescent				P Pendant
VLED LED Bulb				S Stanchion
				B Bracket

Ordering Requirements

Cat. No.	Lamp Watt	Voltage	Lamp Model	Temp. Class (for zone 2)		Max. Surface Temp.* (for zone 21 & 22)	
				Ta 40 °C	Ta 55 °C	Ta 40 °C	Ta 55 °C
Incandescent Lamp							
VIN-60 □	60W.	220V.ac 50Hz.	CLAS 60W E27 A55 (730lm)	T4	T4	T135°C	T135°C
VIN-100 □	100W.		CLAS 100W E27 A55 (1380lm)				
Compact Fluorescent Lamp							
VCF-11 □	11W.	220V.ac 50Hz.	Genie 11W CDL E27 (570lm)	T6	T5	T80°C	T100°C
VCF-14 □	14W.		Genie 14W CDL E27 (760m)	T6	T5	T80°C	T100°C
VCF-18 □	18W.		Genie 18W CDL E27 (1040m)	T5	T4	T100°C	T135°C
LED Bulb (non-dim)							
VLED-05 □	5W.	230V.ac 50Hz.	Essential LEDBulb 5W E27 6500K A60 (540lm)	T6	T5	T80°C	T100°C
VLED-07 □	7W.		Essential LEDBulb 7W E27 6500K A60 (720lm)				
VLED-09 □	9W.		Essential LEDBulb 9W E27 6500K A60 (950lm)				
VLED-12 □	12W.		Essential LEDBulb 12W E27 6500K A60 (1250lm)				

Remark *: The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

Dimension

<p>Ceiling mounting</p>  <p>Approx. 3.72kgs.</p>	<p>Pendant mounting</p>  <p>Approx. 3.85 kgs.</p>	<p>Stanchion mounting</p>  <p>Approx. 4.26 kgs.</p>	<p>Bracket mounting</p>  <p>Approx. 4.61 kgs.</p>
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