

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 (O-ring)	: 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
Conformity to Standards	EN IEC 60079-0, EN IEC 60079-15, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	

Mounting	Ceiling, Pendant, Stanchion or Bracket mounting
Connection	L, N and PE ; for 1-4 mm ² cable
Rated Voltage	220/230 V AC ±5%, 50 Hz

** See temperature class on catalogue number table.



Ceiling mounting



Pendant mounting



Stanchion mounting



Bracket mounting

Catalogue Number Logic

V ■ ■	-	■ ■	□	□ □
Series		Lamp watt	Accessories	Mounting type
VIN Incandescent		(see ordering requirement table below)	R Reflector	C Ceiling
VCF Compact fluorescent				P Pendant
VLED LED bulb				S Stanchion
				B Bracket

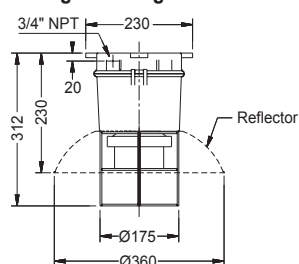
Ordering Requirements

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	□ □ □	60 W	220 V AC, 50 Hz	CLAS 60W E27 A55 (730 lm)	T4	T4	T135°C	T135°C
VIN-100	□ □ □	100 W		CLAS 100W E27 A55 (1,380 lm)				
Compact fluorescent lamp								
VCF-11	□ □ □	11 W	220 V AC, 50 Hz	Genie 11W CDL E27 (570 lm)	T6	T5	T80°C	T100°C
VCF-14	□ □ □	14 W		Genie 14W CDL E27 (760 lm)	T6	T5	T80°C	T100°C
VCF-18	□ □ □	18 W		Genie 18W CDL E27 (1,040 lm)	T5	T4	T100°C	T135°C
LED bulb (non-dim)								
VLED-05	□ □ □	5 W	230 V AC, 50 Hz	Essential LEDBulb 5W E27 6500K A60 (540 lm)	T6	T5	T80°C	T100°C
VLED-07	□ □ □	7 W		Essential LEDBulb 7W E27 6500K A60 (720 lm)				
VLED-09	□ □ □	9 W		Essential LEDBulb 9W E27 6500K A60 (950 lm)				
VLED-12	□ □ □	12 W		Essential LEDBulb 12W E27 6500K A60 (1,250 lm)				

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.

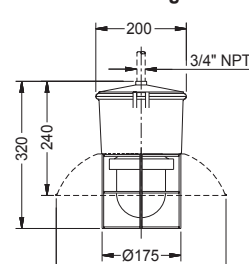
Dimensions (mm)

Ceiling mounting



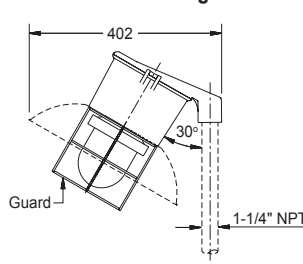
Approx. 3.72 kg

Pendant mounting



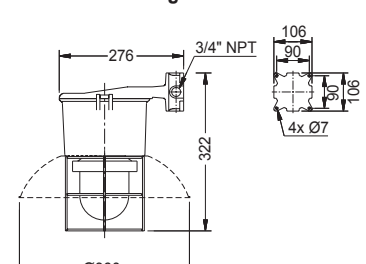
Approx. 3.85 kg

Stanchion mounting



Approx. 4.26 kg

Bracket mounting



Approx. 4.61 kg