



Solaris, the elegantly slim range of emergency and matching mains luminaires from Ventilux is ideal for all prestigious locations, incorporating high efficiency 2D compact fluorescent lamps.

Identical housings are used for both emergency lighting and mains lighting versions allowing the same profile to be used throughout an installation.

Comprising an opalescent polycarbonate diffuser, screw fitted to a polycarbonate base, the Solaris has an exceptionally low profile for an emergency lighting luminaire. This is made possible by using a combined high frequency mains ballast and emergency ballast which was pioneered by Ventilux.

Available in non-maintained and maintained emergency lighting versions for 16 watt and 28 watt 2D lamps, all Solaris products are designed and manufactured to comply with current and future product standards as well as the requirements of all relevant EU directives.

1

1 YEAR
WARRANTY



VENTILUX





VENTILUX

manufactures and supplies an extensive range of emergency lighting, standby power and fire detection equipment.

The company pays close attention to the quality, specification and construction of its products and is able to offer a comprehensive system design capability to allow the effectiveness of each installation to be maximised.

With Ventilux installations operating worldwide, the company works in close association with distributors and a number of specialist emergency lighting conversion centres throughout its market.



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**T E C H N I C A L L Y
S U P E R I O R
P R O D U C T S**

SOLARIS

DESIGN FEATURES/BENEFITS

- Elegant low profile housing suits the needs of most prestigious locations.
- High efficiency 2D compact fluorescent lamps maximise light output in mains and emergency modes.
- Flame retardant polycarbonate diffuser and base for strength and durability.
- Combined high frequency mains ballast and emergency lighting ballast reduces internal heat rise and ensures optimum battery life in emergency versions.
- Mains lighting versions and emergency lighting versions utilise the same housings.
- Available in 16 watt and 28 watt versions.
- Centrally supplied slave luminaire versions available to order.
- Emergency lighting versions designed and manufactured to meet the requirements of EN60598.2.22 (BS 4533.Pt 102.22) and all applicable EU directive requirements.
- Available in standard white or in polished brass; chrome; black and grey to special order.
- Full Ventilux 1 year product warranty as standard.

SAMPLE SPECIFICATION

- Low profile circular luminaire for self contained (non-maintained/maintained) emergency lighting operation, centrally supplied (24V/50V/110V a.c./d.c. or 230V a.c.) or mains lighting operation.
- 16 watt 2D and 28 watt 2D compact fluorescent lamp.
- High temperature sealed nickel cadmium battery (Self Contained versions).
- Flame retardant polycarbonate housing and opalescent polycarbonate diffuser screwed together to give a degree of protection of IP65.
- Max. dimensions Ø 330 x 118 (mm).
- End 20mm conduit entries and rear BESA terminal box entry.
- 1 year product warranty

As Ventilux SOLARIS (SR)

SELF CONTAINED EMERGENCY LIGHTING LUMINAIRES

Order Code	SRNM3/F162D	SRM3/F162D	SRNM3/F282D	SRM3/F282D
Modes of operation	Non-Maintained	Maintained	Non-Maintained	Maintained
Input Voltage	230V +/-10% 50/60 Hz (Other voltages on request)			
Battery Charger	Constant current. Nominal charge current 250mA			
Inverter	Solid state, high frequency (30- 50kHz)			
Fluorescent Lamp	16W 2D	16W 2D	28W 2D	28W 2D
Charging Monitor	High Intensity LED			
Recharge Period	24 Hours for full recharge (14 Hrs for 1 hour duration)			
Degree of Protection	IP65	IP65	IP65	IP65
Overall Dimensions (mm)	330mm Dia. x 118mm			
Rechargeable Battery (Other voltage on request)	High temp NiCd. 4.8V 4Ah	High temp NiCd. 4.8V 4Ah	High temp NiCd. 4.8V 4Ah	High temp NiCd. 4.8V 4Ah
Power Consumption	7.6VA	33.5VA	7.6VA	39.7VA
Cable Entry	End 20 mm cable entry points; Rear BESA Terminal Box Mounting			
Emergency Duration	3 Hours (Others durations on request)			
Weight	1.6 Kgs	1.65 Kgs	1.6 Kgs	1.65 Kgs
Standards	EN 60598.2.22 (BSEN4533.102.22), EN 50155			
Environment	0°C to 30°C Temperature Range: Up to 80% Relative Humidity			
Housing Colours	Standard white	Standard white	Standard white	Standard white
Warranty	1 Year	1 Year	1 Year	1 Year

CENTRALLY SUPPLIED SLAVE AND MAINS LUMINAIRES

Order Code	SR/F16/**/##	SR/F28/**/##	SR/F162D/**	SR/F282D/**
Modes of operation	Centrally supplied	Centrally supplied	Mains	Mains
Input Voltage (Other voltages on request)	24/50/110V AC/DC; 230V AC	24/50/110V AC/DC; 230V AC	230V+/-10% 50/60 Hz	230V+/-10% 50/60 Hz
Fluorescent Lamp(s)	16W 2D	28W 2D	16W 2D	28W 2D
Power Consumption	12.2W/16.3VA	15.4W/19.2VA	41.6VA	71.5VA
Weight	1.1 Kgs	1.1 Kgs	1.6 Kgs	1.6 Kgs

All other specification details as for Self Contained specification above. ** Specify Voltage Required. ## Specify /MFR for integral mains failure hold off relay.



SPARES ORDER:	DESCRIPTION CODE:
NIS/4.8	4 Cell NiCd. Battery
20136	16W 2D Fluorescent Lamp
20137	28W 2D Fluorescent Lamp

This publication is provided to outline specification details of Ventilux product and is not deemed to form any part of any offer or contract. We adopt a policy of continuous product and service improvement and we reserve the right to vary details without prior notice.