



INCREASED SAFETY TYPE Ex 'e' VL114S STANDARD & VL114E EMERGENCY "PATHFINDER" FLUORESCENT LUMINAIRE

APPLICATIONS

- | Zone 1 hazardous gas areas
- | Zone 21 hazardous dust environments
- | Category 2 hazardous gas and dust environments
- | Complies with ICEL guidelines for emergency escape route and high risk task area emergency lighting requirements
- | Onshore and offshore applications with submersion for up to 24 hours*
- | Chemical, Pharmaceutical and food industries
- | Ideal for areas where glass contamination is prohibited (Example - food preparation)

CERTIFICATION AND APPROVAL

ATEX Certificate SIRA03ATEX3556 T100°C
VL114 Standard Luminaire II 2GD EEx em II

Ambient Temperature Range
2x18W T4 -45°C to +30°C
T3 -45°C to +40°C
T3 -45°C to +40°C
1x11W T3 -45°C to +40°C

VL114 Emergency 1 x 11W Luminaire II 2GD EEx em II

Ambient Temperature Range
Non-Maintained T4 -15°C to +60°C
T5 -15°C to +40°C
T6 -15°C to +25°C
Maintained T3 -15°C to +40°C

Ingress protection to IP66, IP67 and IP68*
GOST Approved



FEATURES AND BENEFITS

- | Lightweight yet robust construction
- | Unique lamp in lid design feature enables direct inter-changeability between standard and emergency functions
- | Emergency lamp has integral battery back up as standard
- | Can be mounted in any orientation
- | Low profile
- | Efficient high frequency electronic control gear keeps running costs to a minimum
- | Control gear gives quick lamp start and flicker free operation
- | Proven ingress protection, up to IP68*
- | Ideal for Exit Signs wall or ceiling mounted
- | Key hole slots on fixing points for simple installation
- | Supplied complete with lamps

*Contact Sales/Technical Department for further information

CATEGORY 2 TYPE Ex 'e' INCREASED SAFETY

TECHNICAL SPECIFICATION

LAMP TYPES

11W and 18W Component certified compact fluorescent lamps factory fitted.

POWER SUPPLY

VL114S 220V-254V, 50/60Hzonly (1x11W)
 VL114S 110V-254V, 59/60Hz (2x18W)
 VL114E 220V-254V, 50/60Hzonly (1x11W)

POWER CONSUMPTION

1 x 11W Lamp 10W circuit watts at 240V - 0.30A
 (Lamp running at 40%)
 2 x 18W Lamps 30W circuit watts at 240V - 0.20A

POWER FACTOR

Greater than 0.95

EMERGENCY DURATION

11W non-maintained emergency light output 423 lumens for typically 3 hours.

TERMINALS

Up to 6mm². Terminals for live, live switched, neutral, earth, and looping are provided.

CABLE ENTRIES

Two x 20mm clearance holes supplied with 1 x transit plug and 1 x Ex e blanking plug.

TEMPERATURE

Gas environments: Surface temperature classification T3, T4, T5 & T6 dependant on gas and ambient temperature.

Dust environments: Surface temperature classification T100°C.

AMBIENT TEMP

VL114E -15°C to +60°C
 VL114S -45°C to +60°C

MATERIALS

Enclosure Polycarbonate Mouldings.
 Gasket Silicone.
 External Fasteners Stainless Steel

WEIGHT

VL114E 2.5kg
 VL114S 1.8kg

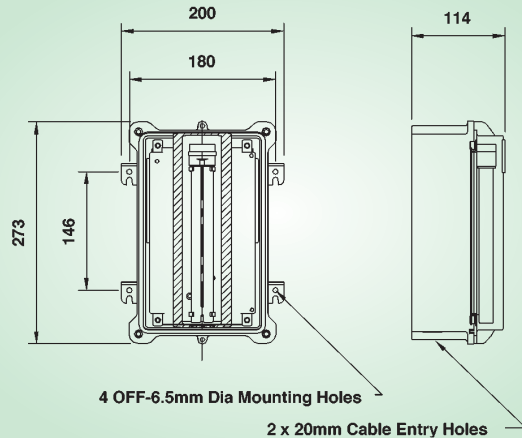
SUSPENSION

Standard mounting is direct to the main housing.

DIMENSIONS

(Excluding Exit Signage)

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Dimensions in millimetres

To calculate photometric values for lighting design, please use the free Victor "Lite Guide" software package. To request your copy, please contact your local Victor agent or use the request form on the website.

ORDERING REFERENCE

Std. Cat Ref.	Wattage	Lamp Type
PATE/111/CF	1x11W	Compact Fluorescent
PATE/218/CF	2x18W	Compact Fluorescent
PATE/111/CF/EM*	1x11W	Compact Fluorescent

*Non maintained as standard

OPTIONS - SUFFIX TO CATALOGUE REF.

/120	Specific voltage 110/130V (for VL114E only)
/25	25mm Entries
/MEM	Maintained emergency (220-254V only)
/M20	M20 Threaded entry pad c/w earth lead to T/Block
/M25	M25 Threaded entry pad c/w earth lead to T/Block

ACCESSORIES

Description	Part No.
Lamp assembly (11watt)	SPATE-00004
Lamp assembly (18watt)	SPATE-00001
Exit sign, adhesive (up & down)	SPATE-00002
Exit sign, adhesive (left & right)	SPATE-00003
Exit sign, rigid plastic, chain hanging (no direction)	SPATE-00005
Exit sign, rigid plastic, chain hanging (up arrow)	SPATE-00006
Exit sign, rigid plastic, chain hanging (down arrow)	SPATE-00007
Exit sign, rigid plastic, chain hanging (right arrow)	SPATE-00008
Exit sign, rigid plastic, chain hanging (left arrow)	SPATE-00009