

VANGUARD VL34 HELI-DECK

90 Min
Operation



VL34 with wire guard

FEATURES AND BENEFITS

Meets CAA (CAP 437) for helicopter landing area lighting • Maintenance free (> 80,000 hours operation) • Emergency version available

CERTIFICATION & APPROVALS

IEC Ex Certificate IECEx BAS.08.0038X
ATEX Certificate Baseefa08ATEX0102X

Non Emergency:

Ex II 2 GD
Ex e mb IIC T4 Gb
Ex tb IIC T100°C Db

Emergency:

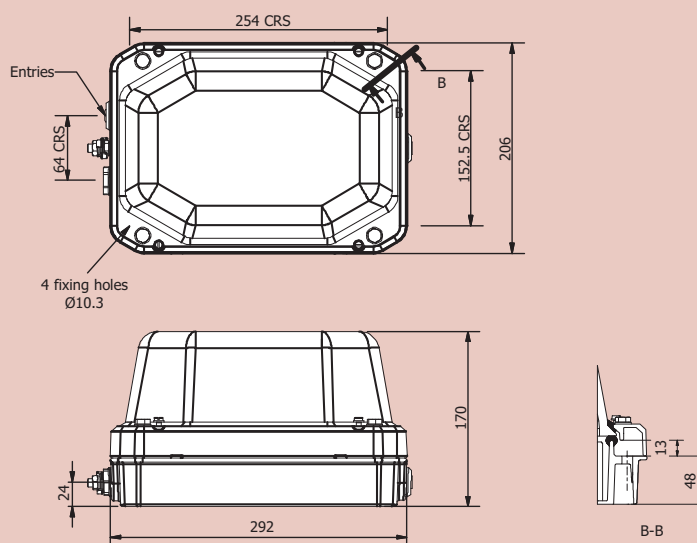
Ex II 2 GD
Ex e ib mb IIC T4 Gb
Ex tb IIC T100°C Db

Ambient temperature range:
-45°C TO +55°C

Ingress protection to IP66 and IP67

Meets current CAA (CAP 437)
and ICAO guidelines for
helicopter landing area lighting

DIMENSIONS



Dimensions in millimetres

ORDERING REFERENCE

Std. Cat Ref.	Wattage	Lamp Type	T Class	Ambient °C
VANE/801/LE/HE	8 x 1W	Green Light Emitting Diode (LED)	T4	-45°C to +55°C
VANE/801/LE/HE/EM	8 x 1W	Green Light Emitting Diode (LED)	T4	(-45°C*) -20°C to +55°C

* Requires /LT suffix

TECHNICAL SPECIFICATION

LAMP TYPES

8 x 1W light emitting diodes (LED)

POWER SUPPLY

110-254V, AC/DC 50/60 Hz.

TERMINALS

4 core up to 4 mm² conductors with looping.

Through wiring facility as standard. Terminals for live constant, live switched (emergency version only), neutral & earth are provided.

External earth terminal as standard.

CABLE ENTRIES

3 x M20 entries, two at one end & one at the other end.

Supplied with 1 x transit plug and 2 x Ex blanking plugs.

Cable entry devices (ie. glands) must maintain the IP rating for the luminaire.

TEMPERATURE

Gas Environments - T4.
Dust Environments - T100°C.

AMBIENT TEMPERATURE RANGE

-45°C to +55°C (non-emergency).
-20°C to +55°C (standard emergency).
-45°C to +55°C (low temperature emergency).

MATERIALS

Main body LM6 die cast aluminium, with epoxy paint finish.
Lampglass Clear borosilicate (diffused pattern).
Gaskets Silicone.
Wire guard 10 SWG zinc plated wire epoxy powder coated.
External fasteners Stainless steel.

WEIGHT

Non-emergency - 5.9kg Emergency - 6.8kg.

SUSPENSION

Four Ø10.3 fixing holes are provided.

EMERGENCY OPERATION

90 minutes, 100% light output.

BATTERY

4.8V 4 Ah internal Ni-Cad.

OPTIONS - SUFFIX TO CATALOGUE REF.

/LT Low temp -45°C to +55°C
(Emergency version only)

ACCESSORIES

Wireguard
SVANE-00001

Wireguard with integrated bird spike
SVANE-00008