TRIDENT VL125

End of Life Protection

Spigot entry version

FEATURES AND BENEFITS

Unique three part construction = easy maintenance • Excellent ingress protection • Cassette relamping • Convert standard to emergency

CERTIFICATION & APPROVALS

IECEx Certificate IECEx SIR 03.0004
ATEX Certificate SIRA03ATEX3206

2 x 18W and 2 x 36W Varients
Ex II 2 GD Ex em IIC T4 -45°C to +55°C*

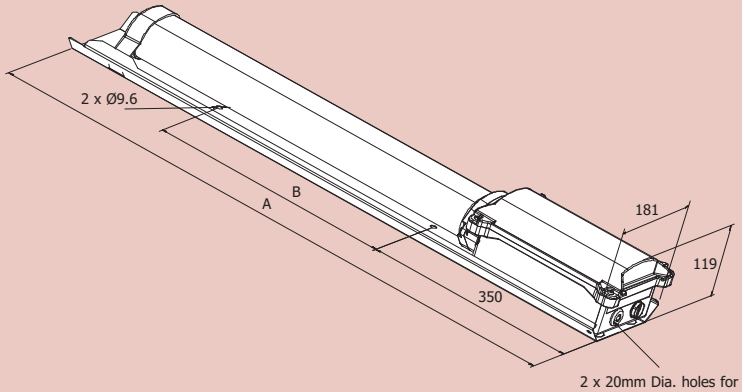
2 x 58W Varient
Ex II 2 GD Ex em IIC T4 -45°C to +50°C*

Ingress protection to IP66, IP67 IP68 (on application)

GOST-R Approved
TIS Approved
GB (China) Approved

*For operation below -20°C please contact technical sales

DIMENSIONS



Fixing centres suitable for M8 bolts

Fitting wattage	Overall length Dim A	Fixing centres Dim B
2x18W	995	400
2x36W	1605	700
2x58W	1905	700

Dimensions in millimetres

TECHNICAL SPECIFICATION

LAMP TYPES

T8, Ø26mm, G13 cap bi-pin fluorescent.
Available in the following configurations: 2 x 18W, 2 x 36W, 2 x 58W.

POWER SUPPLY

110V-254V, 50/60Hz AC/DC (2 x 18W)
220V-254V, 50/60Hz AC/DC (2 x 36W and 2 x 58W)
110V-130V, 50/60Hz AC/DC (2 x 36W)

POWER FACTOR

Better than 0.95.

TERMINALS

4 core up to 4 mm^2 conductors with looping.
Through wiring is available as an option.

Terminals for live constant, live switched, neutral & earth are provided. External earth terminal is an option.

CABLE ENTRIES

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

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

TEMPERATURE CLASSIFICATION

Gas environments: T4.
Dust environments: T100°C.

AMBIENT TEMPERATURE RANGE

-45°C to +55°C (18W & 36W versions)
-45°C to +50°C (58W version)

MATERIALS

Enclosure	Polycarbonate moulding.
Lamp Envelope	Polycarbonate.
Reflector	Epoxy powder coated stainless steel.
Gasket	Silicone.
External Fasteners	Stainless steel.

WEIGHT

Variant	2x18W Lamps	2x36W Lamps	2x58W Lamps
Standard	3.8Kg	5.4Kg	6.2Kg
Through-Wired	4.4Kg	6.0Kg	6.8Kg
Pole-Mount	4.1Kg	5.7Kg	6.5Kg

SUSPENSION

Standard mounting is direct to the external reflector.

Optional ceiling, wall, pole mounting brackets, and eye bolts are available on request.

Direct spigot mounting option for up to 42mm diameter is available for the 18W and 36W versions.

ORDERING REFERENCE

Std. Cat Ref.	Wattage	Lamp Type
TRIE/218/BI	2x18W	Bi-Pin
TRIE/236/BI	2x36W	Bi-Pin
TRIE/258/BI	2x58W	Bi-Pin

OPTIONS - SUFFIX TO CATALOGUE REF.

/120	Specific voltage (110/130V) - 36W only
/25	25mm Entries
/T	Through wiring
/SC	Screwed connection terminal block (6mm^2 conductors)
/M20	M20 Threaded entry pad c/w earth lead to T/Block
/M25	M25 Threaded entry pad c/w earth lead to T/Block
/SE	Spigot entry version (18W & 36W)
/ZR	Powder coated zintec reflector
/IEC	Supplied with IECEx certification label

ACCESSORIES

Pole mount bracket (38-42mm)
SPOL4-100004

Pole mount bracket (48-52mm)
SPOL4-100005

Pole mount bracket (58-62mm)
SPOL4-100006

Ceiling mount bracket assembly
SEXCE-00001

M8 eye bolt
SEXCE-00008

Wall bracket
SEXCE-00009

Wall mounting outreach bracket (for use with /SE version)
NPRO4-0007

Wall mounting outreach bracket (for use with standard 18W version)
NPRO4-0008

Wall mounting outreach bracket (for use with standard 36W version)
NPRO4-0012

Conversion Kit: Converts VL125 to a VL126 EM Luminaire
STRIE-00001