




## INCREASED SAFETY TYPE Ex 'e' EMERGENCY FLUORESCENT LUMINAIRE


### APPLICATIONS

- | Zone 1 hazardous gas areas
- | Zone 21 hazardous dust environments
- | Complies with ICEL guidelines for emergency escape route, general 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 not allowed (Example - food preparation)
- | Street/walkways lighting applications are available using dedicated pole-mounted version

### CERTIFICATION AND APPROVAL

ATEX Certificate SIRA03ATEX3206  
IECEX Certificate IECEX SIR 03.0004

2 x 18W and 2 x 36W Variants  
 II 2GD EEx em IIC T4 -15°C to +55°C

2 x 58W Variant  
 II 2GD EEx em IIC T4 -15°C to +50°C  
 Ingress protection to IP66, IP67 and IP68\*  
 GOST Approved

### FEATURES AND BENEFITS

- | Easy installation. Lightweight yet robust construction
- | Cassette re-lamping technology
- | Dedicated 11W compact fluorescent lamp encapsulated in lid assembly only operates under emergency conditions
- | Emergency 11 W lamp and lid assembly  
Can be 'retro-fitted' to VL125 Luminaire
- | Dedicated 11W lamp eliminates the problem of striking 'old' lamps in emergency conditions ensuring optimum performance
- | Emergency lamp has integral battery back up as standard. Option available with emergency lamp run as a slave unit from UPS
- | Main Lamps can be safely replaced without the need for mains isolation
- | Loop in, loop out connection facilities as standard
- | Unique continuous monitoring and safe shutdown of control gear at end of lamp life
- | Control gear offers protection from harmonic distortion and over-voltage (380V for 60 seconds)
- | Control gear gives quick lamp start and flicker free operation
- | Proven ingress protection, up to IP68\*
- | End of life (EOL) protection to IEC 60079-7\*\*

\*\*All Victor Lighting fluorescent luminaires and ballasts are now certified to the requirements of Annex H of the draft standard IEC 60079-7 edition 4.

# CATEGORY 2 TYPE Ex 'e' INCREASED SAFETY

## 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

220V-254V, 47/63Hz AC/DC  
110V-130V, 47/63Hz AC/DC (2 x 18W and 2 x 36W only)

### POWER CONSUMPTION

2 x 18W Lamp - 42W circuit watts at 240V - 0.19A  
(120V - 0.35A)  
2 x 36W Lamp - 68W circuit watts at 240V - 0.32A  
(120V - 0.73A)  
2 x 58W Lamps - 113W circuit watts at 240V - 0.48A

### POWER FACTOR

Greater than 0.95

### EMERGENCY DURATION

11W dedicated emergency lamp provides 423 lumens (2 x 36W variant, other values as per photo-metric data) light output for typically 3 hours.

### TERMINALS

Up to 4mm<sup>2</sup>. 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 CLASSIFICATION

Gas environments: Surface temperature classification T4.  
Dust environments: Surface temperature classification T100°C.

### AMBIENT TEMPERATURE RANGE

-15°C to +55°C (18W & 36W versions)  
-15°C to +50°C (58W version)

### MATERIALS

Enclosure	Polycarbonate Moulding.
Lamp Envelope	Polycarbonate.
Reflector	Stainless Steel, pre-treated with RCT and epoxy powder coated.
Gasket	Silicone
External Fasteners	Stainless Steel

### WEIGHT

Variant	2x18W Lamps	2x36W Lamps	2x58W Lamps
Loop-In-Loop-Out	5.4Kg	7.0Kg	7.8Kg
Through-Wired	6.0Kg	7.6Kg	8.4Kg
Pole-Mount	5.7Kg	7.3Kg	8.1Kg

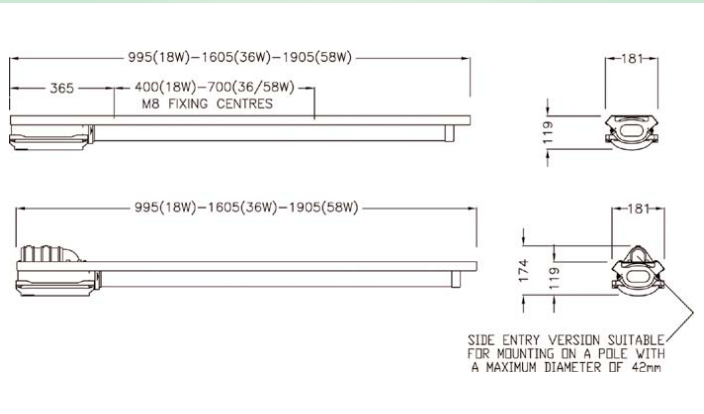
### SUSPENSION

Standard mounting is direct to the external reflector. Optional ceiling, wall, pole mounting brackets, and eye bolts are available on request. Direct pole mounting option for up to 42mm diameter.

## DIMENSIONS

(For loop in/loop out option)

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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
<b>TRIE/218/BI/EM</b>	2x18W	Bi-Pin
<b>TRIE/236/BI/EM</b>	2x36W	Bi-Pin
<b>TRIE/258/BI/EM</b>	2x58W	Bi-Pin

## OPTIONS - SUFFIX TO CATALOGUE REF.

<b>/120</b>	Specific voltage (110/130V) - 18W/36W only
<b>/25</b>	25mm Entries
<b>/T</b>	Through wiring
<b>/SC</b>	Screwed connection terminal block 6mm <sup>2</sup> terminals
<b>/M20</b>	M20 Threaded entry pad c/w earth lead to T/Block
<b>/M25</b>	M25 Threaded entry pad c/w earth lead to T/Block
<b>/SE</b>	Pole mount bracket (Spigot entry)
<b>/BCM</b>	Battery control management system
<b>/ZR</b>	Powder coated zintec reflector

## ACCESSORIES

Description	Part No.
<b>Ceiling mount bracket</b>	SEXCE-00001
<b>Pole mount bracket (35-40mm)</b>	SEXCE-00002
<b>Pole mount bracket (40-50mm)</b>	SEXCE-00003
<b>M8 eye bolt</b>	SEXCE-00008
<b>Wall bracket</b>	SEXCE-00009
<b>Wall mounting outreach bracket (for use with /SE version)</b>	NPRO4-0007
<b>Wall mounting outreach bracket (for use with 18W version)</b>	NPRO4-0008
<b>Wall mounting outreach bracket (for use with 36W version)</b>	NPRO4-0012
<b>Conversion Kit: Converts VL125 to a VL126 EM Luminaire</b>	STRIE-00001