



Picture features paracube low glare diffuser

INCREASED SAFETY TYPE Ex 'e' RECESSIBLE EMERGENCY FLUORESCENT LUMINAIRE

APPLICATIONS

- | Zone 1 hazardous gas areas
- | Zone 21 hazardous dust environments
- | Clean room lighting
- | Chemical and pharmaceutical industries
- | General hazardous area lighting

CERTIFICATION AND APPROVAL

ATEX Certificate Baseefa05ATEX0237X

 II2GD EEx eqm II T4

Ambient temperature range:
-20°C to +40°C

Ingress protection to IP65 to EN 60598-1:2000

Satisfies the requirements of FS 209D
Class 100 Clean Rooms
ISO Standard 1997 Class 5



FEATURES AND BENEFITS

- | Front cover to body seal to IP65
- | Gasket fitted to body at ceiling aperture for sealing to IP65
- | Battery management monitoring & automatic self test
- | Screwless mains terminals
- | Simple and easy access via front cover for lamp replacement and maintenance
- | Suspended gear tray for ease of maintenance
- | Automatic lamp de-energisation on opening
- | Electronic control gear gives 50/60Hz operation, high power factor correction and regulation of lamp output
- | Local switching arrangement as standard
- | Options for modular tiled and non modular ceiling types
- | 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

18W, 36W & 58W bi-pin fluorescent (T8)
Available in the following configurations: 2 x 18W, 2 x 36W, 4 x 18W & 4 x 36W

POWER SUPPLY

220-254V AC/DC.

POWER CONSUMPTION

2 x 18W - 40W
2 x 36W - 77W
4 x 18W - 80W
4 x 36W - 154W

BATTERY

Internal Ni-Cd (6V, 4Ah).

EMERGENCY DURATION

90 minutes to EN60598-2-22.
30% of one lamp (18W).
25% of one lamp (36W).

TERMINALS

4 core up to 6mm² max conductors, with looping & through wiring facility.

CABLE ENTRIES

3 x 20mm holes, two at one end, one at the other end.

TEMPERATURE

Gas Environments - T4.
Dust Environments - T70°C.

AMBIENT TEMP RANGE

- 20°C to +40°C.

MATERIALS

Enclosure - White polyester painted zinc coated steel body & aluminium frame.
Diffuser - Prismatic polycarbonate.
Reflector - White polyester painted zinc coated steel.
Gasket - EPDM rubber.

WEIGHT

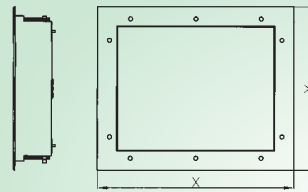
2 x 18W - 14.5Kg
2 x 36W - 18.0Kg
4 x 18W - 18.0Kg
4 x 36W - 22.0Kg

SUSPENSION

Standard mounting is fixed side brackets with swing out arms, with provision for drop rod mounting.

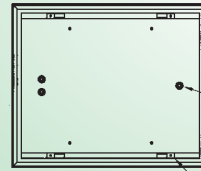
DIMENSIONS

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	2/4x18W	2x36W	3/4x36W
DIM X	774	1383	1383
DIM Y	644	402	644
APERTURE	580x710	338x1319	580x1319

NOTE: APERTURE TOLERANCE +5 -0.



3 Holes Ø20.5
for Cable
Entries

4 Swing Out
Mounting
Clamps

Dimensions in millimetres

NOTE: Contact Sales for dimensional details of modular versions

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
104E/218/BI/EM	2x18W	Bi-Pin
104E/418/BI/EM	4x18W	Bi-Pin
104E/236/BI/EM	2x36W	Bi-Pin
104E/436/BI/EM	4x36W	Bi-Pin

OPTIONS - SUFFIX TO CATALOGUE REF.

/120	Specific voltage (110/130V)
/25	25mm Entries
/3M	300mm wide (36W only)
/LG	Low glare louvre
/FG	Flat glass diffuser
/MET	Modular - Exposed "T" ceiling
/MST	Modular - Spring "T" ceiling
/3H	3 hour battery duration (Light output - 30% 18W, 25% 36W)
/HEO	High emergency output (36W only, 90 min duration - 45% of emergency lamp)
/NST	High frequency non self testing ballast

ACCESSORIES

There are no accessories for this product

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Victor
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