

RECESSIBLE VL104

Victor
Lighting



Picture features paracube low glare diffuser

INCREASED SAFETY TYPE Ex 'e' RECESSIBLE FLUORESCENT LUMINAIRE

APPLICATIONS

- | Zone 1 hazardous gas areas
- | Zone 21 hazardous dust environments
- | Offshore Oil & Gas
- | Petro-chemical and pharmaceutical industries
- | General hazardous area lighting
- | Marine Applications

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

SOLAS B15 Fire Rating



FEATURES AND BENEFITS

- | Front cover to body seal to IP65
- | Gasket fitted to body at ceiling aperture for sealing to IP65
- | 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
- | 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 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.
220-300V DC 50-60Hz.

POWER CONSUMPTION

2 x 18W - 35W
2 x 36W - 70W
4 x 18W - 70W
4 x 36W - 140W

TERMINALS

3 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 - 12.5Kg.
2 x 36W - 16.0Kg.
4 x 18W - 16.0Kg.
4 x 36W - 20.0Kg.

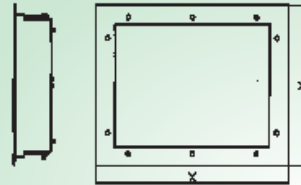
SUSPENSION

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

DIMENSIONS

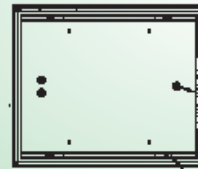
Non-modular ceiling type:

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	4 x 18W	4 x 36W
DIM X	774	1383
DIM Y	644	644
APERTURE	580 x 710	580 x 1319

NOTE: APERTURE TOLERANCE +5 -0



NOTE: Contact Sales for dimensional details of (600mm x 600mm or 600mm x 1200mm) modular versions

3 Holes #20.5 for Cable Entries

Swing Out Mounting Clamps

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

* Only available in 600mm x 600mm (2 x 18W) and 600mm x 1200mm (2 x 36W) body

OPTIONS - SUFFIX TO CATALOGUE REF.

/120	Specific voltage (110/130V)
/25	25mm Entries
/3M	300mm wide (36W only)
/EL	Extra live termination facility (compatible with 4-core switched emergency circuits)
/LG	Low glare louvre
/FG	Flat glass diffuser
/MET	Modular - Exposed "T" ceiling
/MST	Modular - Spring "T" ceiling

ACCESSORIES

There are no accessories for this product