

# RECESSIBLE VL104I



3 Hour  
Operation

## FEATURES AND BENEFITS

Suitable for modular ceiling types • Range of diffuser options • Back up battery version • Optional battery management

## CERTIFICATION & APPROVALS

Ingress protection IP44\*  
to EN60529

Designed & manufactured  
to EN60598-1

**SOLAS** B15 Fire rated

\* From front cover only.



/LG - Low glare louvre

## TECHNICAL SPECIFICATION

### LAMP TYPES

18W & 36W bi-pin fluorescent (T8)

### POWER SUPPLY

220-240V AC/DC 50/60Hz - standard version  
220-240V AC/DC 50/60Hz - emergency version

### EMERGENCY OPERATION

Typically 3 hours duration at 25°C  
22% of one lamp (18W)  
14% of one lamp (36W)

### BATTERY

6V, 4Ah internal Ni-Cad.

### CABLE ENTRIES

4 x 20mm holes located on the rear panel, two at one end, two at the other end.

Supplied with 1 x transit plug and 3 x blanking plugs.

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

### TERMINALS

4 core up to 4 mm<sup>2</sup> conductors with looping. Through wiring facility as standard. Terminals for live constant, live switched, neutral & earth are provided. External earth terminal as standard.

### MATERIALS

**Enclosure** White polyester painted zinc coated steel body & frame.  
**Diffuser** Clear polycarbonate with prismatic diffuser.  
**Reflector** White polyester painted zinc coated steel.  
**Gasket** Neoprene rubber.  
**External Fasteners** Stainless steel.

### WEIGHT

2 x 18W - 8.0Kg	4 x 18W - 8.0Kg
2 x 36W - 14.6Kg	4 x 36W - 15.0Kg
2 x 18W EM - 8.6Kg	4 x 18W EM - 8.6Kg
2 x 36W EM - 16.6Kg	4 x 36W EM - 18.0Kg

### SUSPENSION

Standard mounting is fixed cantilever side brackets, there is also a provision for drop rod mounting.

## ORDERING REFERENCE

Std. Cat Ref.	Wattage	Lamp Type
V104I/218/BI**	2x18W	Bi-Pin
V104I/418/BI	4x18W	Bi-Pin
V104I/236/BI**	2x36W	Bi-Pin
V104I/436/BI	4x36W	Bi-Pin
V104I/218/BI/EM**	2x18W	Bi-Pin
V104I/418/BI/EM	4x18W	Bi-Pin
V104I/236/BI/EM**	2x36W	Bi-Pin
V104I/436/BI/EM	4x36W	Bi-Pin

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

The standard VL104 is supplied with a 3mm clear outer panel and prismatic diffuser.

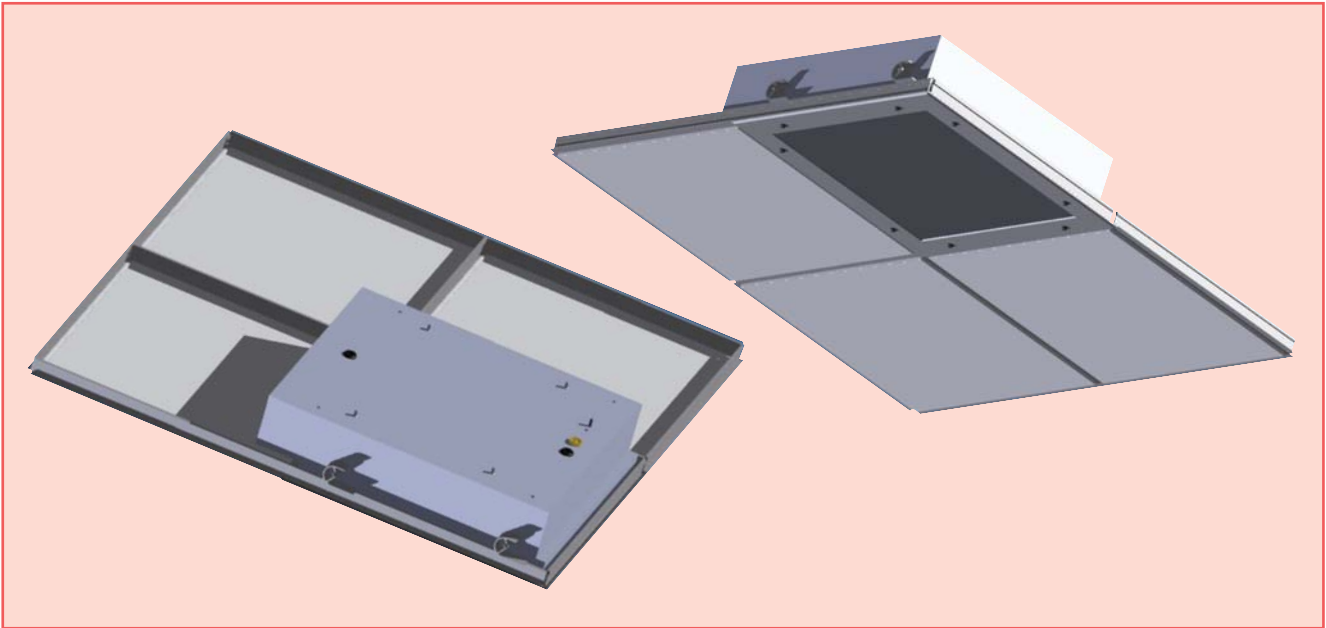
## OPTIONS - SUFFIX TO CATALOGUE REF.

/MES	Modular - Exposed "T" ceiling and Spring "T" ceiling types
/120	Specific voltage 110/130V
/254	Specific voltage 254V
/25	25mm entry
/LG	Low glare louvre
/2L	2 lamp emergency mode
/DM	Mains controlled switchable dimming (220-240V)
/BMT	Battery monitoring and self test

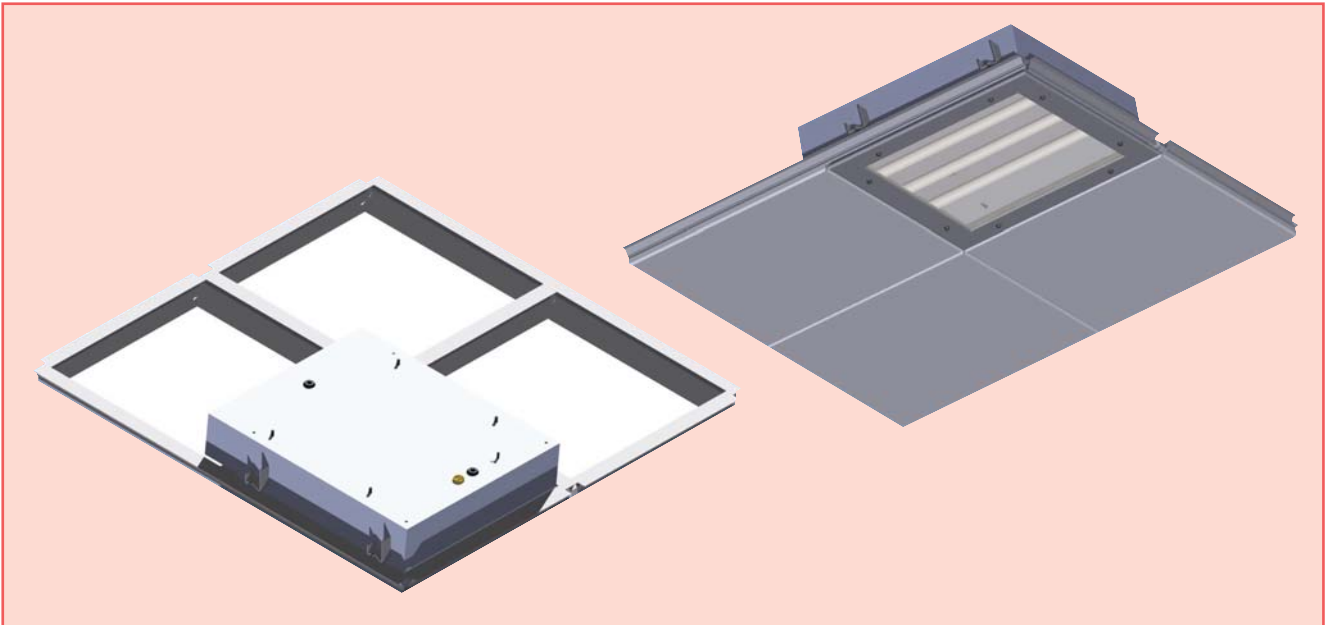
## ACCESSORIES

Adjustable arm mounting kit  
SMOKI-000002

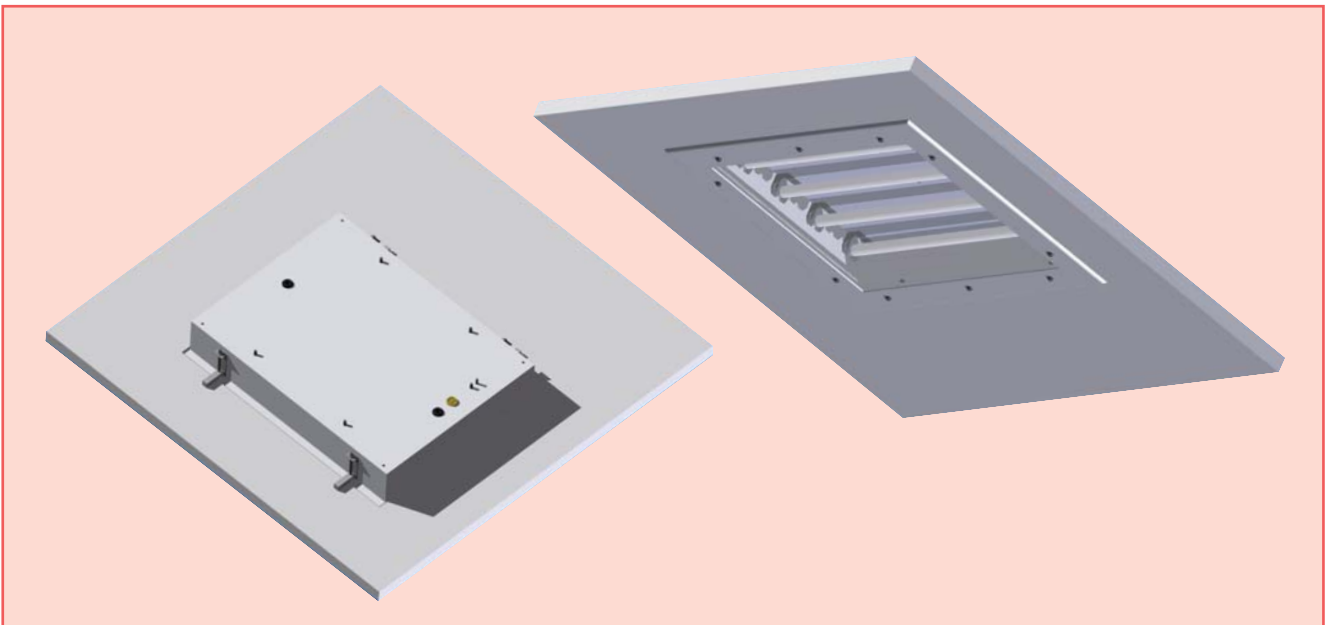
# CEILING TYPE OPTIONS



View of Exposed "T" Ceiling with recessed luminaire, typical 600mm x 600mm tile grid mounting system (/MES).

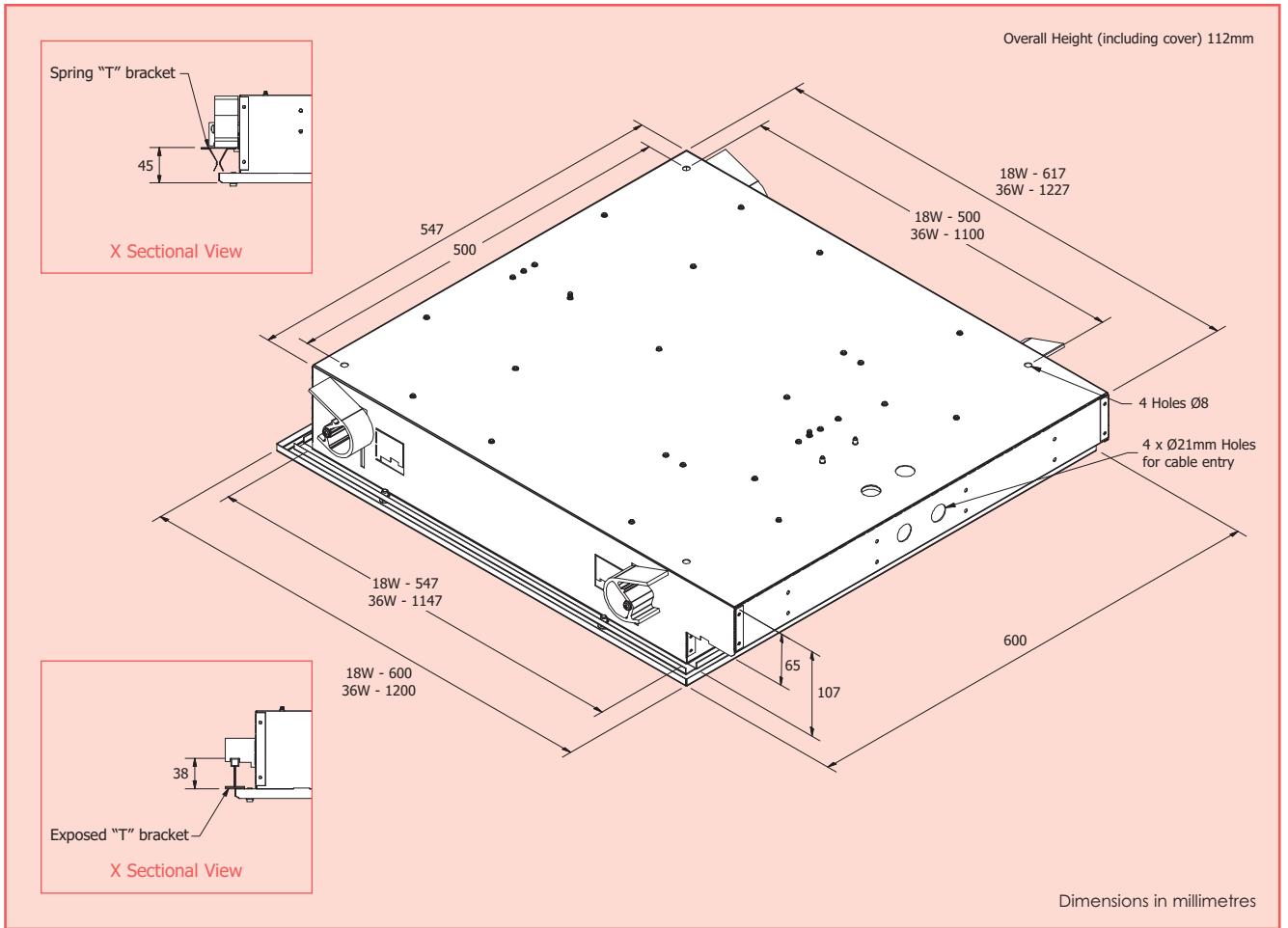


View of Spring "T" Ceiling with recessed luminaire, typical 600mm x 600mm tile grid mounting system (/MES).

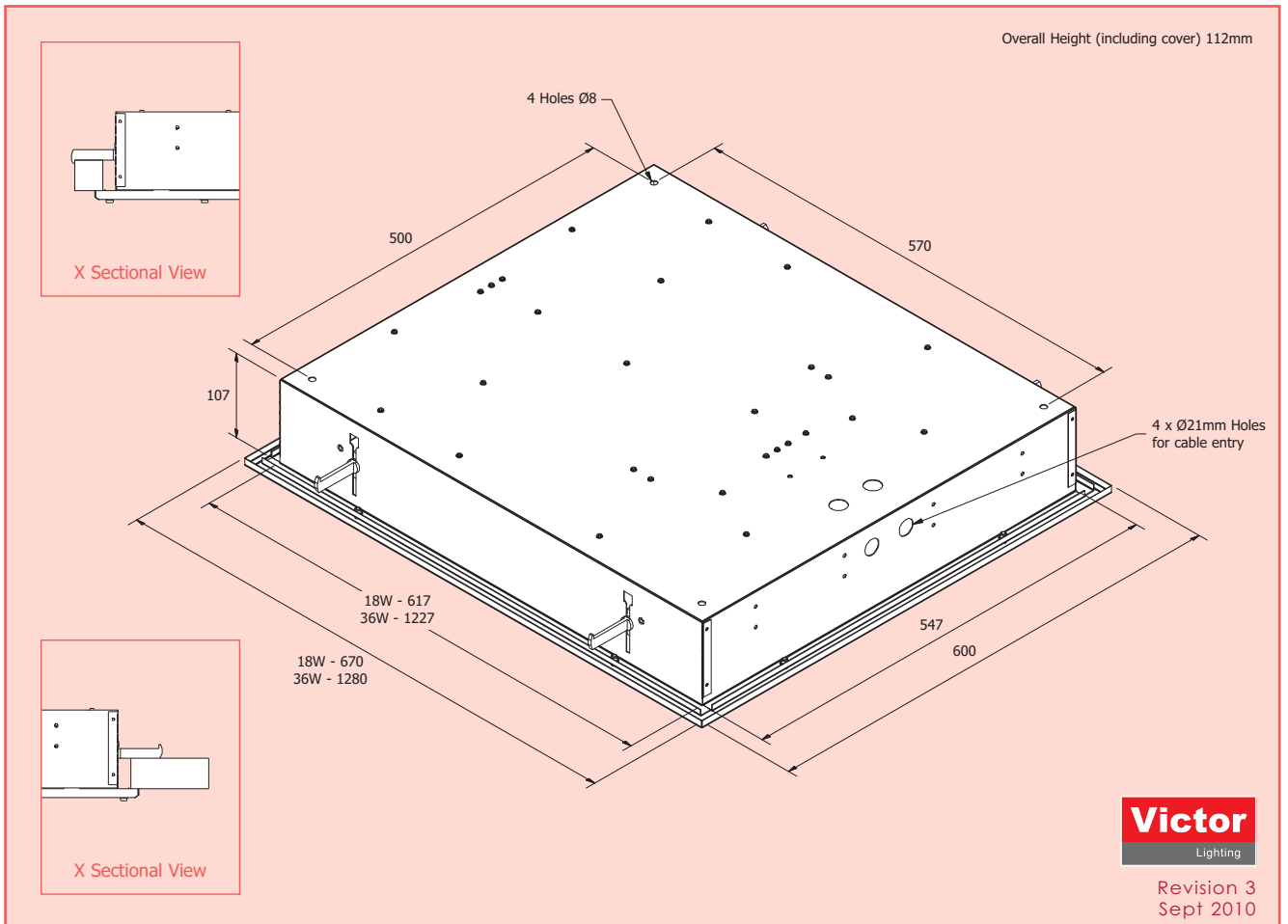


View of Solid Ceiling with recessed luminaire.

# DIMENSIONS



Exposed "T" and Spring "T" Ceiling types (/MES) dimensions.



Solid Ceiling dimensions.