

TYPICAL STAGELIGHTING BOX - SURFACE MOUNTING

This label required where power sockets are fed from more than one rack or distribution board

Main box label - Arial 16pt
Usually top centre

350 mm

466 mm

6 mm

321 mm

23 mm

Outlets in this box are from more than one source

SLB XXX

Danger 400V

XX

XX

XX

XX

XX

XX

XX-XX

Stagelighting Power DB / CCT reference

Worklight X

32A

Stagelighting Power DIST BOARD / CIRCUIT REF

Stagelighting Power DIST BOARD / CIRCUIT REF

[illegible]

TYPICAL STAGELIGHTING BOX COMPONENTS

10A RELAY CIRCUIT
 Single POWERcon TRUE1
 Top 16A SPN panel socket
 (black).
 Sockets are to be wired
 radially from relay racks in
 central equipment room.

WORKLIGHT SOCKET
 Single POWERcon TRUE1
 Top 16A SPN panel socket
 (black) or Dual 13A socket
 outlets, as outlined on the
 Facilities Planning Schedule.
 For connection of temporary
 worklights to worklight relays
 in Stagelighting Rack room.

**SOCAPEX FEMALE -
 MULTIPLE 10A
 DIMMER/RELAY CIRCUITS**
 Where multiple 10A circuits
 occur in the same panel, one
 female Socapex connector to
 be provided alongside the
 CEE17 16A connectors.

STAGELIGHTING POWER 13A RING MAIN
 Dual 13A socket outlets with integral USB A
 Sockets.

Sockets are to be wired in rings from
 stagelighting power board in dimmer room.
 Rings to be specified by Electrical Services
 Engineer.

Dual 13A Sockets to be panel mounted to
 faceplate and not inlaid within panel.

**STAGELIGHTING POWER
 32A SPN RADIAL CIRCUITS**
 32A 230V CEE17 SPN blue
 socket outlet with and without
 adjacent RCD.
 Sockets are to be wired
 radially from stagelighting

65 mm

CEE 17 sockets protrude up to 65mm from front panel

150 mm

Side view - typical of all surface-mounted SLB boxes, showing 150mm deep backbox. Facepanel same size as backbox.

Technical drawing showing the top and side views of a flush-mounted SLB box. The top view shows a rectangular box with a depth of 150 mm and a facepanel 20 mm larger than the backbox all round. The side view shows the box is flush-mounted, with the top surface of the box and the facepanel being the same level. The depth of the box is 150 mm. The facepanel is 20 mm larger than the backbox all round. The top view is labeled 'Top view - typical of all flush-mounted SLB boxes, showing 150mm deep backbox. Facepanel 20mm larger than backbox all round.' The side view is labeled 'Side view - typical of all flush-mounted SLB boxes, showing 150mm deep backbox. Facepanel 20mm larger than backbox all round.' Dimensions are indicated by red lines and text: 'VARIES' for the width, '150 mm' for the depth, and '20 mm' for the facepanel offset.

Surface-mounted	Flush-mounted	Semi-Recessed	Recessed	Deep recessed
Mainly on stage and in non public areas	Mainly in public areas or where clearance is limited	Mainly in sensitive areas where wall build-up does not allow full recess	Mainly in public areas	Mainly in public areas
Socket outlet box mounted to face of wall	Socket outlet box mounted within depth of wall, leaving facepanel flush with wall surface	Socket outlet box partially recessed into wall build-up, with trim plate around to cover edge of wall opening	Socket outlet box surface-mounted within wall recess, hidden behind hinged architectural cover. Cover will need to be open when outlet box in use	Socket outlet box surface-mounted within wall recess, hidden behind hinged architectural panel, but with sufficient depth behind cover for connectors to be in place with cover closed. Cover to include 'mousehole' for cable exit when closed

DRAWING NUMBER	REV
LVC-CBL-SLAV-AS-001	A