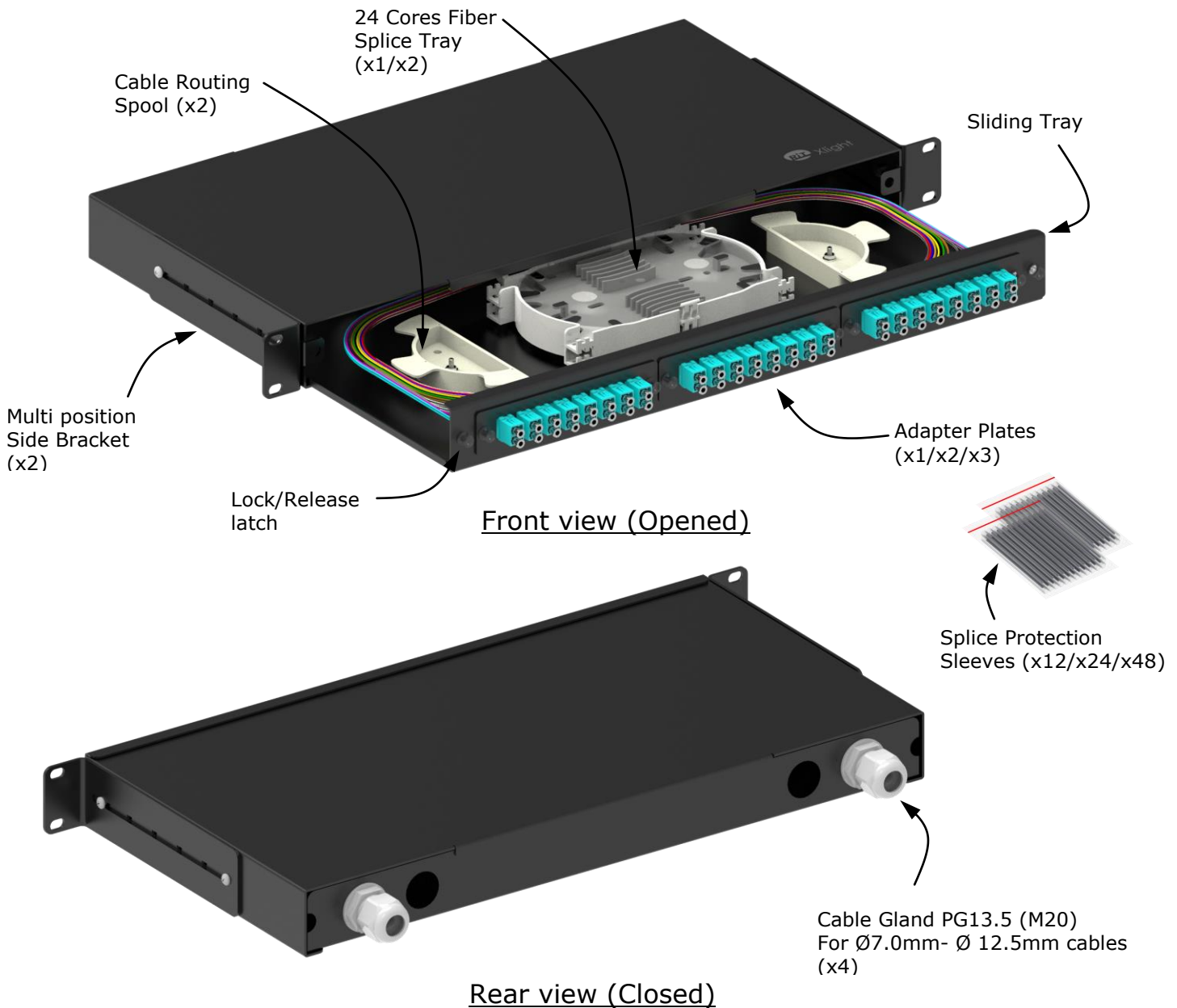# Xlight F/O Pre-Loaded Modular Panel, 1U

Description

RiT 1U, Xlight Fiber Optic Modular rackmount patch panel can accept various removable F/O adapters' plates. The panel provides the flexibility to configure and install various combinations of F/O adapters to support your applications. The panel can house up to 3 adapter plates with maximum capacity of 48 fibers (LC Duplex adapters)
Applications: Indoor, Data centers, Data & telecommunication networks, premise installations, Ethernet, Fiber Channel, LAN, MAN and WAN
Each panel is shipped with 1/2 Splice Trays, 2 Fiber Spools, 4 Cable Glands and 12/24/48 Splice Protection Sleeves.

24 Cores Fiber Splice Tray (x1/x2)

Cable Routing Spool (x2)

Sliding Tray

Multi position Side Bracket (x2)

Lock/Release latch

Adapter Plates (x1/x2/x3)

Splice Protection Sleeves (x12/x24/x48)

Front view (Opened)

Cable Gland PG13.5 (M20)
For Ø7.0mm- Ø 12.5mm cables (x4)

Rear view (Closed)

Xlight F/O Pre-Loaded Modular Panel, 1U
Features

- Pre-Loaded, High density, 1U can accept up to 48 fibers (3 Adapter plates with LC/SC-Duplex Adapters)

- Convenient use, maintenance and operation

- 3 adapter's plates per 1U. Unified rack, a variety of optional adapters plates can be chosen, flexible application and expansion

- Applicable to FC (D type), SC, LC (simplex), SC, LC (duplex) and other adapter by choosing different adapter plates

- Modular design to support various removable fiber adapter plates

- Front pull out tray for access to trunk cable connectors from the front without removing any patch cords

- Adjustable depth mounting

- Flame retardant of plastic parts

- Light weight of only 3.0Kg

- Excellent fiber management, protection and maintenance

- Unit is designed to support both loose tube and pre terminated cables.

- Multi position mounting side brackets

- Compatible with all RiT Xlight F/O Modular Panel Adapter Plates

Xlight F/O Pre-Loaded Modular Panel, 1U
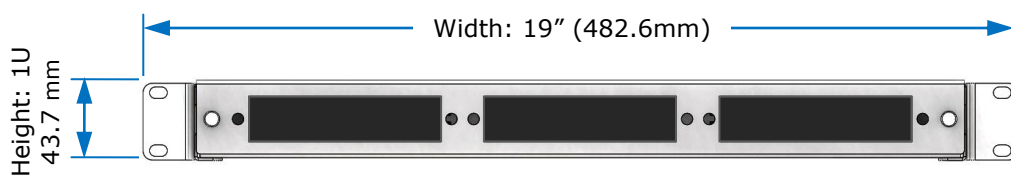## *Specifications*

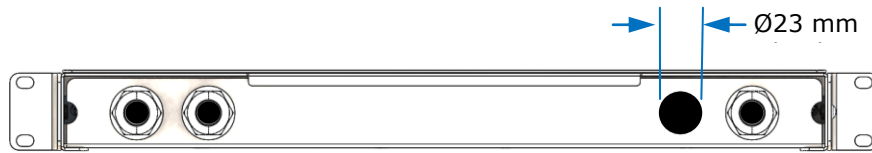|	
Max. Panel capacity	3 Fiber Optic Xlight adapter plates (48 Fibers with LC Duplex adapters)
Materials:	
Metal Parts	Steel, 1.5mm thick, Finish: Electrostatic powder Epoxy paint, Color: Black
Splice Tray	ABS Resin UL94V0, Color: Light Gray
Cable Gland	ABS & Nylon Resin UL94V2, Color: Light Gray
Cable Routing Spool	Nylon Resin UL94V0, Color: Light Gray
Splice Protection Sleeves	Ø1.5xL60mm, ID= Ø1.1mm, Size after shrink: Ø 2.9-3.1mm
Dimensions (HxWxD)	Height: 44mm[1U], Width: 483mm[19"], Depth: 222mm
RoHS	Yes
Operating temperature	-20°to +60°C
Storage temperature	-25°to +70°C
Panel Weight	3.0 Kg
Packaging Weight	3.5 Kg
Shipping Dimensions (HxWxD)	1 unit per cardboard box, 85mmx500mmx300mm

Xlight F/O Pre-Loaded Modular Panel, 1U
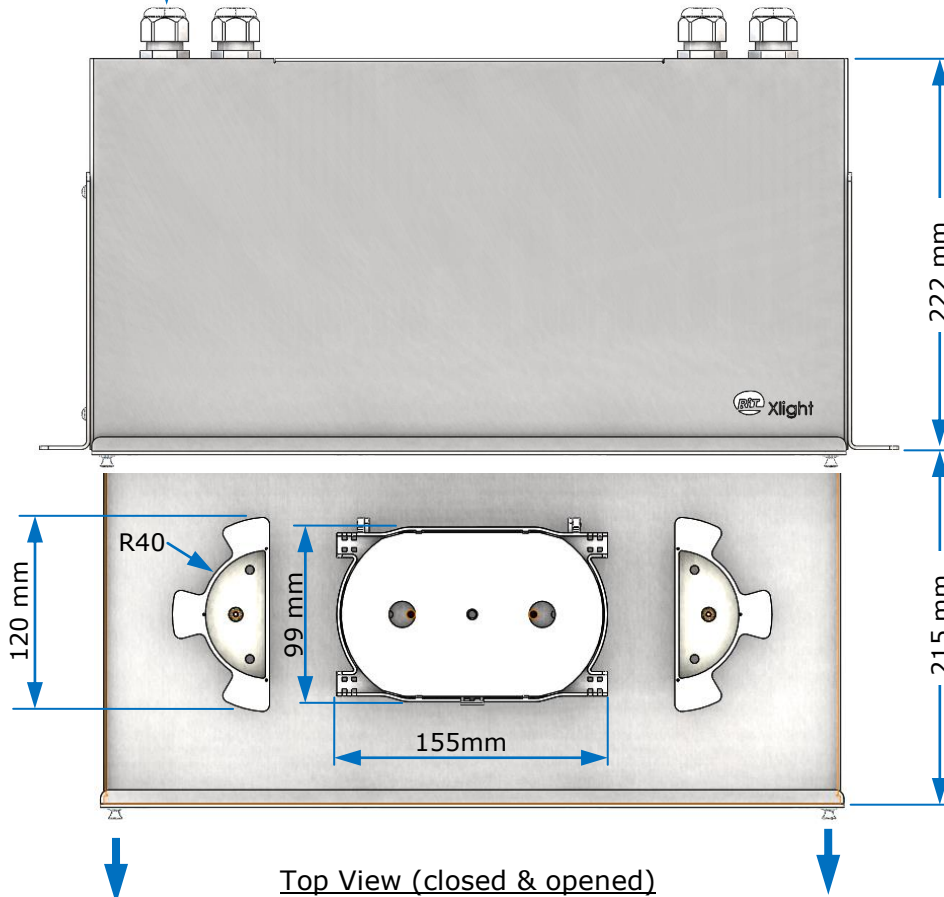## *Technical drawing*

Width: 19" (482.6mm)

Height: 1U 43.7 mm

Front View

Ø23 mm

Rear View

Cable Gland PG13.5 for Ø7.0- Ø12.5 mm cables (x4)

222 mm

R40

120 mm

99 mm

215 mm

155mm

Top View (closed & opened)

Xlight F/O Pre-Loaded Modular Panel, 1U
Ordering Information

Part Number	Description
R3203401	Xlight FOMP, 12 Fibers, LC Duplex Adapters, MM, OM4, 1U
R3203402	Xlight FOMP, 24 Fibers, LC Duplex Adapters, MM, OM4, 1U
R3203406	Xlight FOMP, 48 Fibers, LC Duplex Adapters, MM, OM4, 1U
R3203407	Xlight FOMP, 12 Fibers, LC Duplex Adapters, SM, G657A2, 1U
R3203408	Xlight FOMP, 24 Fibers, LC Duplex Adapters, SM, G657A2, 1U
R3203409	Xlight FOMP, 48 Fibers, LC Duplex Adapters, SM, G657A2, 1U
R3203412	Xlight FOMP, 48 Fibers, SC Duplex Adapters, MM, OM4, UPC, 1U
R3203415	Xlight FOMP, 48 Fibers, SC Duplex Adapters, SM, G657A2, UPC, 1U
R3203416	Xlight FOMP, 48 Fibers, SC Duplex Adapters, SM, G657A2, APC, 1U
R3203431	Xlight FOMP, 24 Fibers, SC Simplex Adapters, MM, OM4, UPC, 1U
R3203432	Xlight FOMP, 24 Fibers, SC Simplex Adapters, SM, G657A2, 1U
R3203426	Xlight FOMP, 24 Fibers, SC Simplex Adapters, SM, G657A2, APC, 1U