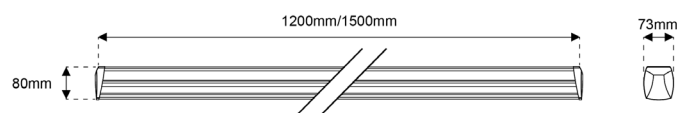


Aluminium constructed trunking rail, paired with a retrofit LED luminaire, offering an efficient, low-maintenance alternative to traditional linear lighting. Designed for seamless installation in various industrial and commercial environments, this system ensures reliable and cost effective illumination.

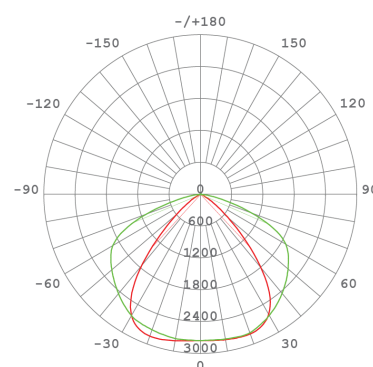
Featuring a continuous, pre-wired trunking system with plug-and-play functionality. The advanced thermal management design, with an ample heat sink area, enhances durability and performance, making it an ideal solution for modern lighting applications.



Dimension



Polar Curve (90 Degree As Standard)



Technical Specification (Luminaire)

Chipset	SMD 2835 LED
Dimming	DALI / DALI-EM (More dimming options available upon request)
Driver	Integral
Rated Current	16A
Rated Voltage	220-240V
Operating Ambient Temperature	-25°C ~ +60°C
Wattage	1200MM - 30W / 40W / 60W 1500MM - 35W / 50W / 70W
Colour Temperature	3000K / 3500K / 4000K (Additional colour temperatures available upon request)
CRI	>80
Binning	2-Step MacAdam Ellipse
Beam Angle	90° (Additional optics available upon request)
Chip Life	L70 > 102,000 HRS
Wiring	12-Core
Length	1200mm / 1500mm
Installation Method	Rod / Wire / Chain / Surface (Available upon request)
IP Rating	IP20
Diffuser Options	Clear/Opal (Available upon request)
IK Rating	IK04
Material	Aluminium
Finish	Black RAL 9017

Specification - Emergency Mode (Integral)

Battery	6.4V 3000mAh 2 Cell LifePO ₄
Wattage	3.5W
Battery Life	3 Hours

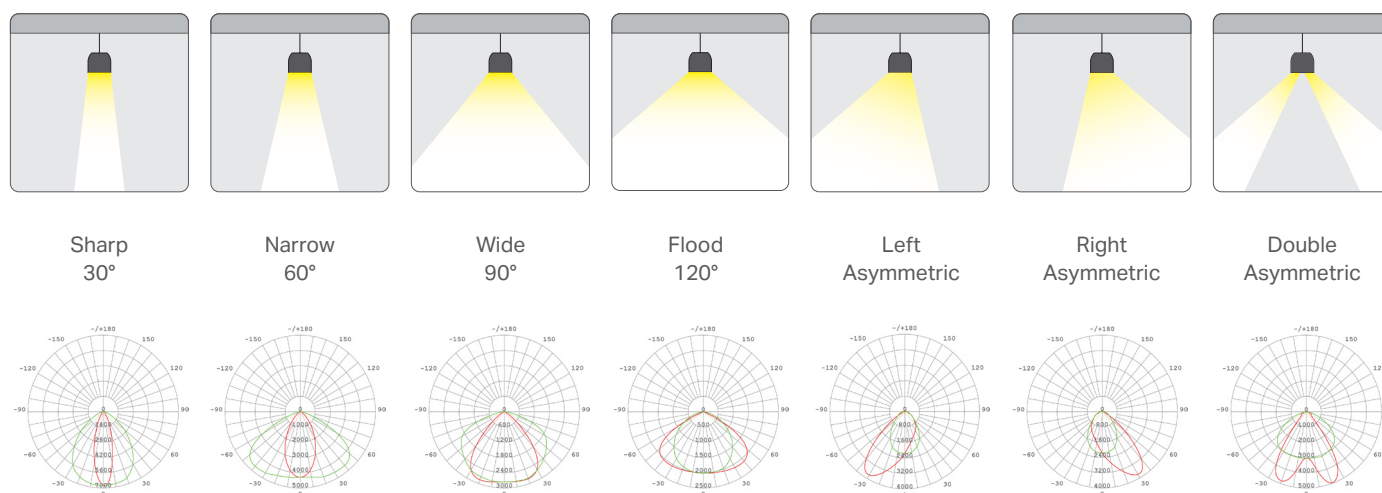
Luminaire Output (1200MM)

Wattage (w)	Colour Temperature (K)	Lumen Output (LM)	Lumens Per Watt (LM/W)	EM Lumen Output (LM)
30w	3000K	5340LM	178LM/W	534LM
30w	3500K	5640LM	188LM/W	564LM
30w	4000K	5940LM	198LM/W	594LM
40w	3000K	7120LM	178LM/W	534LM
40w	3500K	7520LM	188LM/W	564LM
40w	4000K	7920LM	198LM/W	594LM
60w	3000K	10,680LM	178LM/W	534LM
60w	3500K	11,280LM	188LM/W	564LM
60w	4000K	11,880LM	198LM/W	594LM

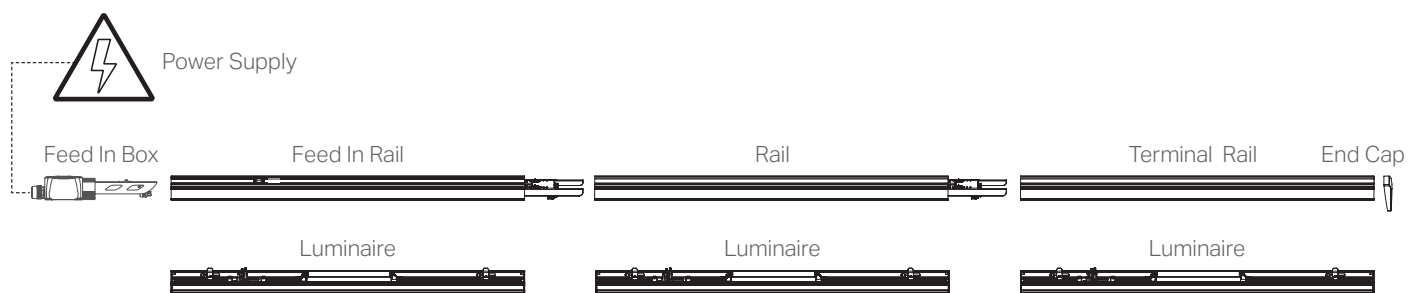
Luminaire Output (1500MM)

Wattage (w)	Colour Temperature (K)	Lumen Output (LM)	Lumens Per Watt (LM/W)	EM Lumen Output (LM)
35w	3000K	6144LM	176LM/W	527LM
35w	3500K	6468LM	185LM/W	554LM
35w	4000K	6808LM	195LM/W	583LM
50w	3000K	8627LM	173LM/W	518LM
50w	3500K	9081LM	182LM/W	545LM
50w	4000K	9559LM	191LM/W	574LM
70w	3000K	12,544LM	179LM/W	538LM
70w	3500K	13,204LM	189LM/W	566LM
70w	4000K	13,899LM	199LM/W	596LM

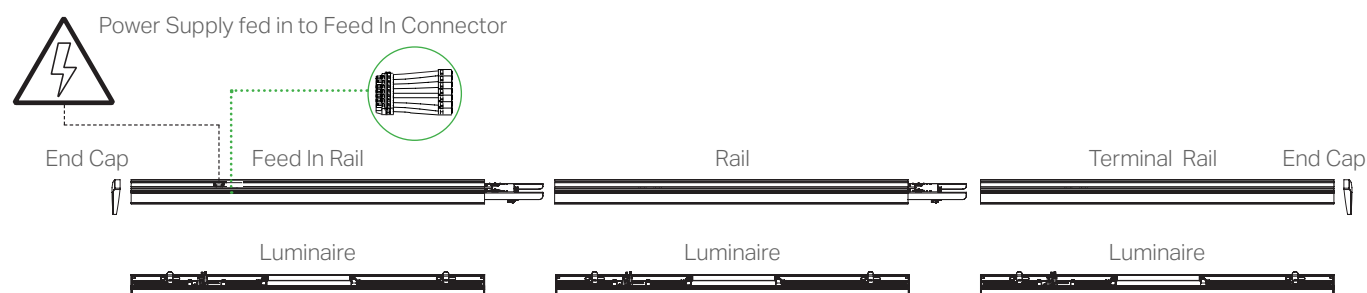
Optics - *90° Standard (Additional Optics Available Upon Request)



Side Entry Installation Method



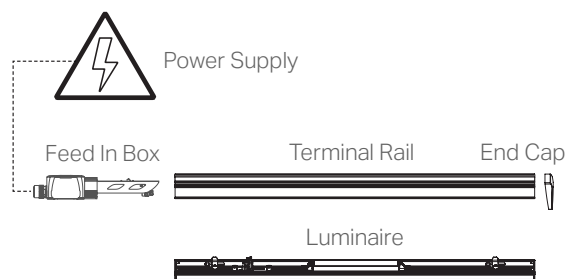
Top Entry Installation Method



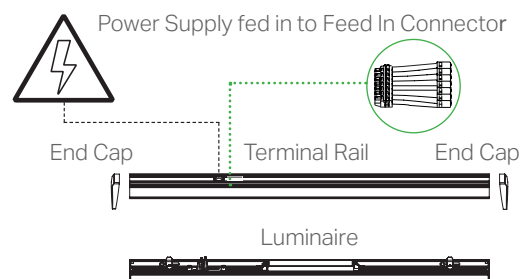
Note: Installation should be performed only by a qualified person. Two separate power supplies fed into the Feed In Box which connects directly to a continuous network of Rails with an End Rail to complete the circuit. (The amount of rails required is subject to the desired lighting arrangement but must always finish with a Terminal Rail at a maximum of 16A).

Trunking Rail Length	Luminaire Power	Electric Current	Maximum Total Length
1200MM	30w	16A	139M
1200MM	40w	16A	105M
1200MM	60w	16A	70M
1500MM	35w	16A	150M
1500MM	50w	16A	105M
1500MM	70w	16A	75M

Stand Alone - Side Entry Installation Method



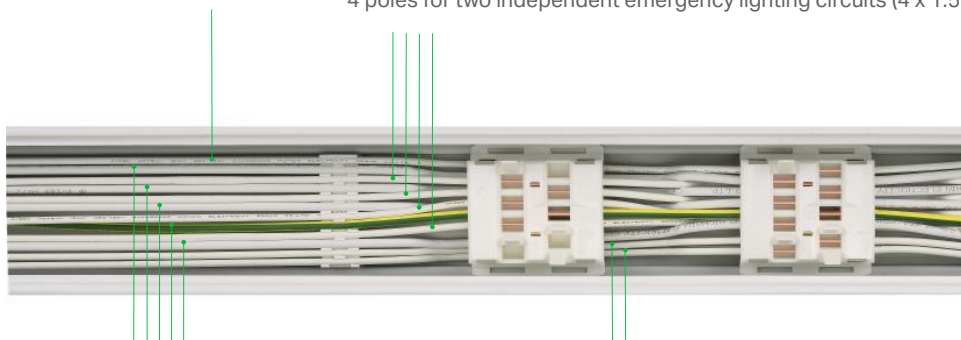
Stand Alone - Top Entry Installation Method



Wiring (12-Core)

CHR wire for detection and charging

4 poles for two independent emergency lighting circuits (4 x 1.5mm²)



5 connections for power supply (5 x 2.5mm²)

- Load sharing allows triple continuous row length
- Separately switchable circuits for extremely easy light control in triple circuit

2 control lines with DALI control signal for brightness control

Function					Wire											
3 Phase	DALI	Battery	Em. 1	Em. 2	1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	CHR	L1	EL1	N	EN1	L2	EN2	PE	EL2	L3	DA/L	DA/N

CHR - Charge input for internal battery, main supply detection

DA/L - Positive of DALI input, or Live when working as DIM Switch

DA/N - Negative of DALI input, Neutral when working as DIM Switch

EL1 - Emergency 1 supply Live

EL2 - Emergency 2 supply Live

EN1 - Emergency 1 supply Neutral

EN2 - Emergency 2 supply Neutral

L1/2/3 - Live

N - Neutral

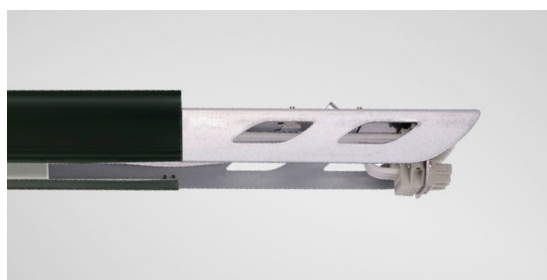
PE - Earth

Note: Only L1 / L2/ L3 / N & PE wires are 2.5mm² with 16A, the rest are 1.5mm² with 10A

DATA-PRO-BL - Standard & Emergency Luminaire

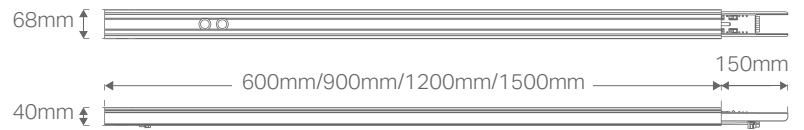
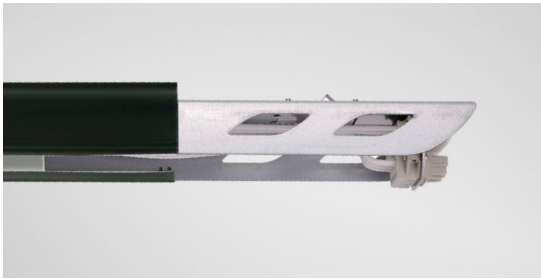


D-PRO-TR-F-BL - Feed In Rail

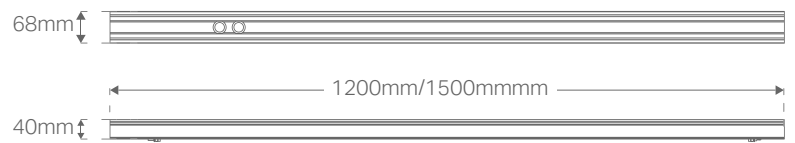


DATA PRO-BL

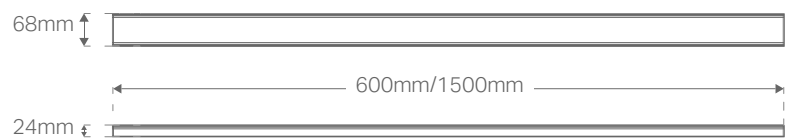
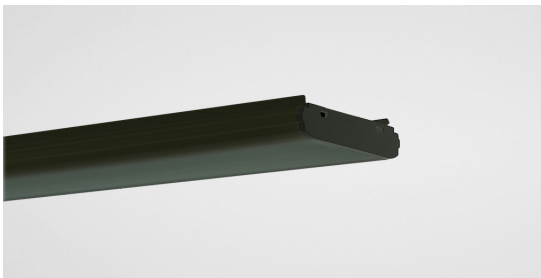
D-PRO-TR-N-BL - Trunking Rail



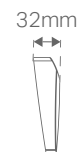
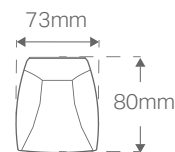
D-PRO-TR-T-BL - Terminal Rail



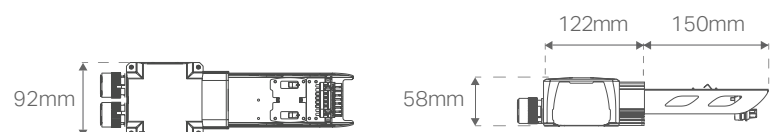
D-PRO-BLANK-BL - Blanking Cover (Can be cut to size as required)



D-PRO-EC-BL - End Caps

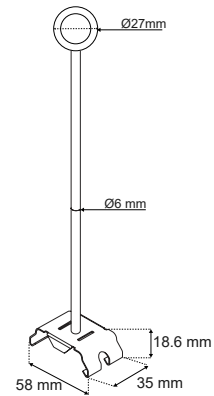


D-PRO-BF-BL - Feed In Box

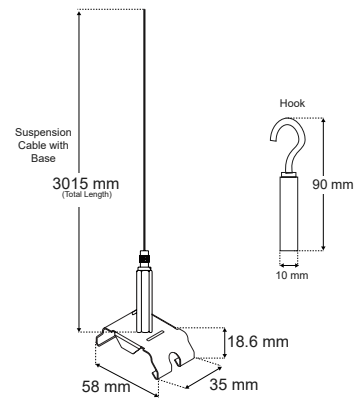


DATA PRO-BL

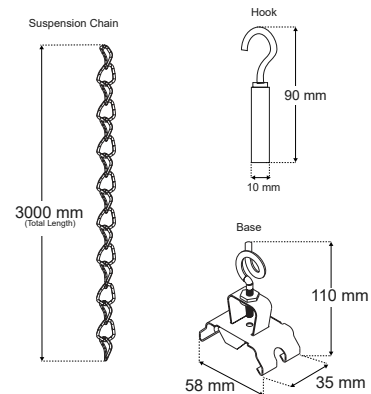
DATA-PRO-ROD-SUS-KIT - Rod Suspension Kit



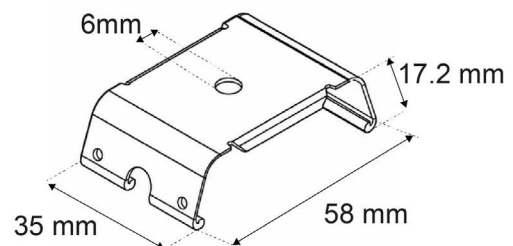
DATA-PRO-CORD-SUS-KIT - Cord Suspension Kit



DATA-PRO-CHAIN-SUS-KIT - Chain Suspension Kit

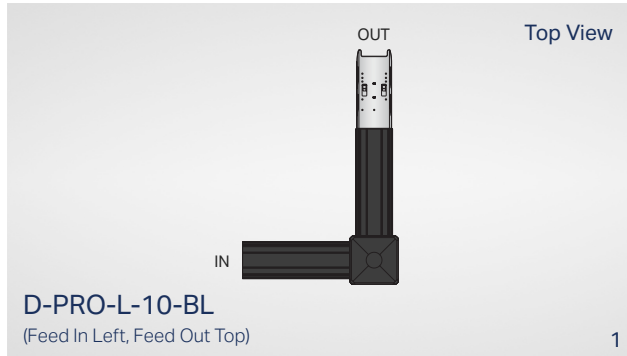


DATA-PRO-SM-KIT - Surface Mounting Kit

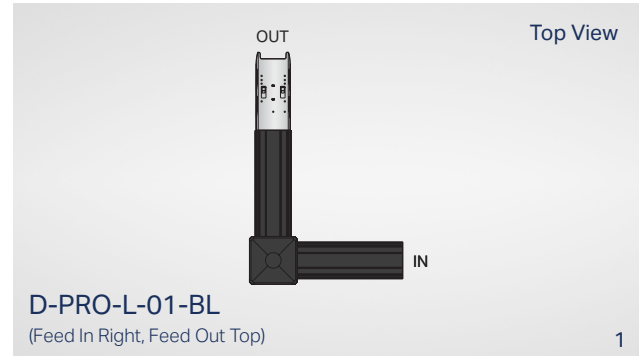


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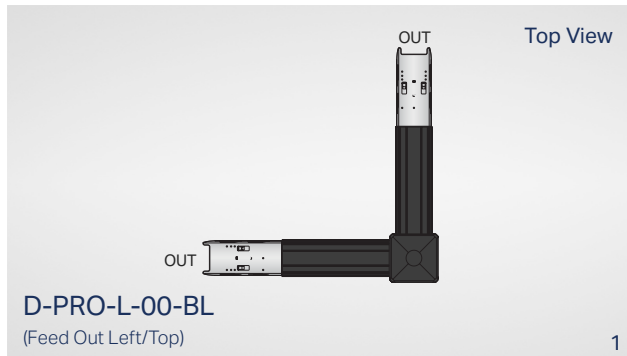
D-PRO-L-BL - L Node Connector



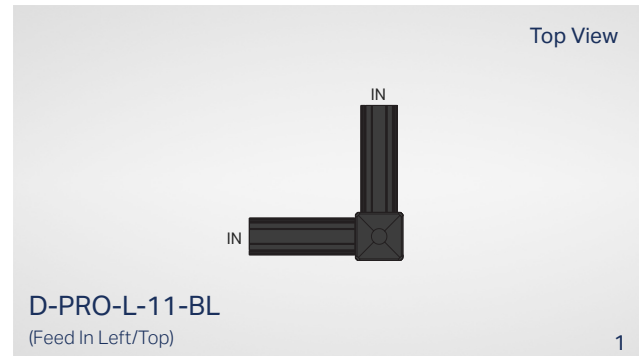
L Node can be rotated 90° to suit requirement



L Node can be rotated 90° to suit requirement



L Node can be rotated 90° to suit requirement

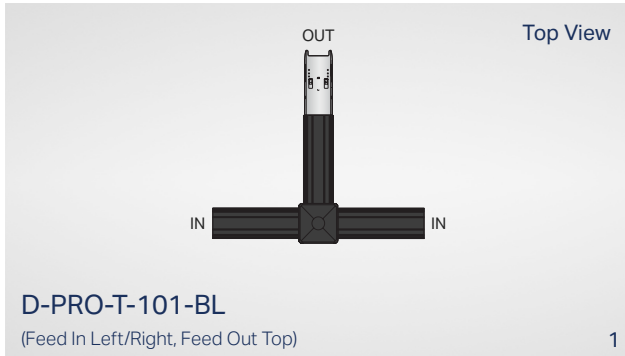


L Node can be rotated 90° to suit requirement

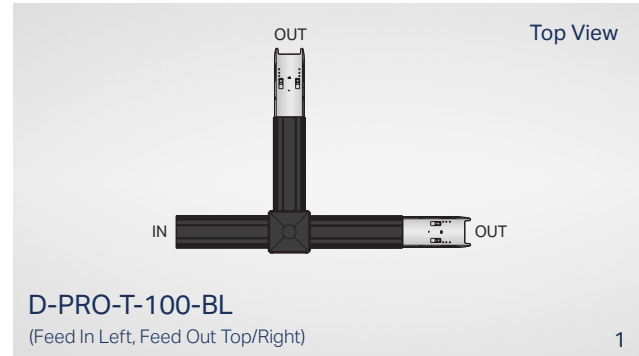


DATA PRO-BL

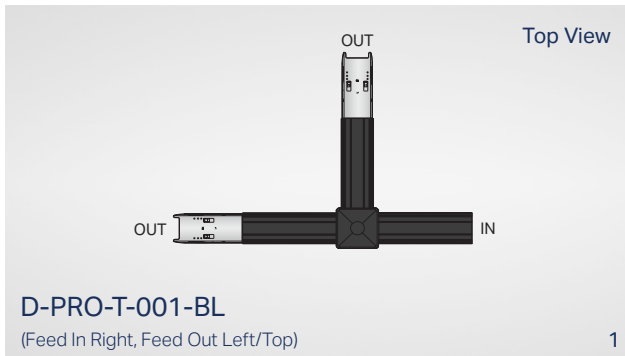
D-PRO-T-BL - T Node Connector



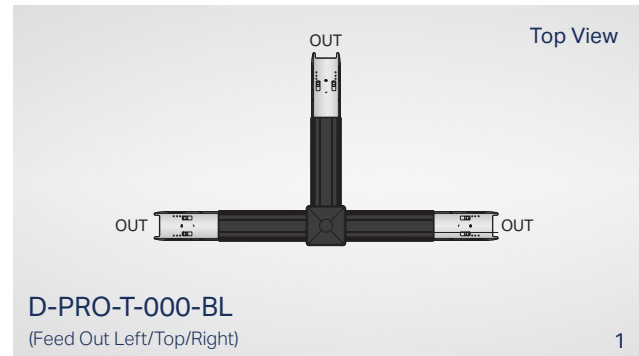
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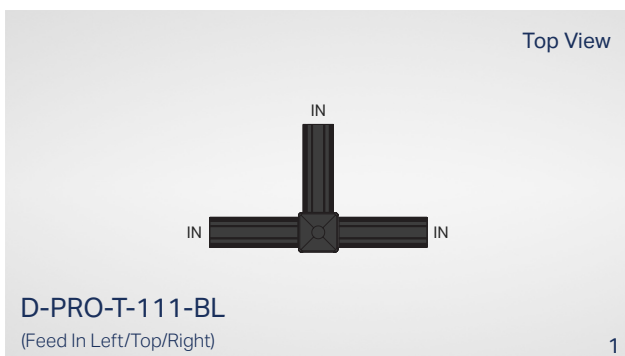
L Node can be rotated 90° to suit requirement



L Node can be rotated 90° to suit requirement



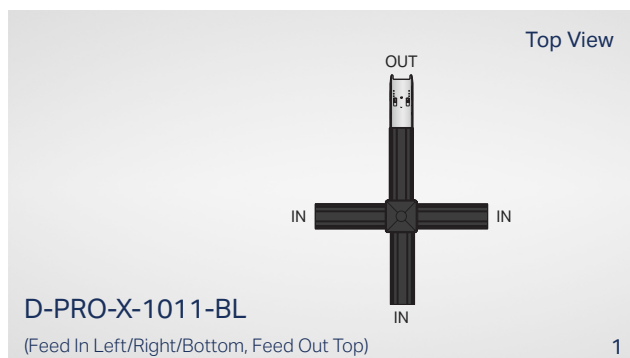
L Node can be rotated 90° to suit requirement



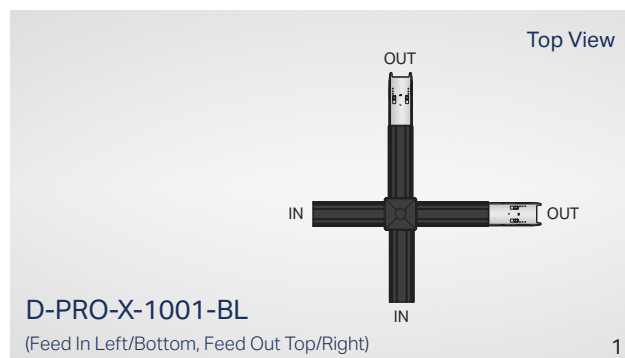
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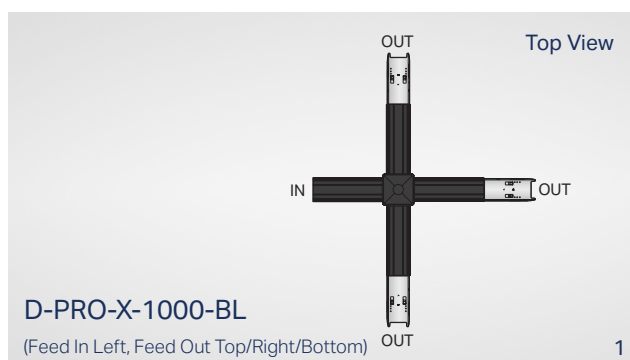
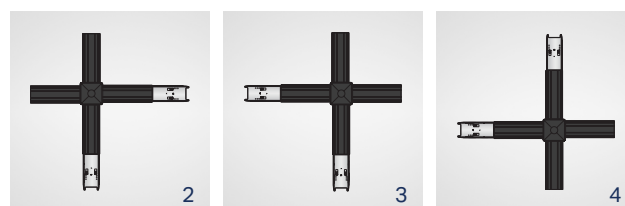
D-PRO-X-BL - X Node Connector



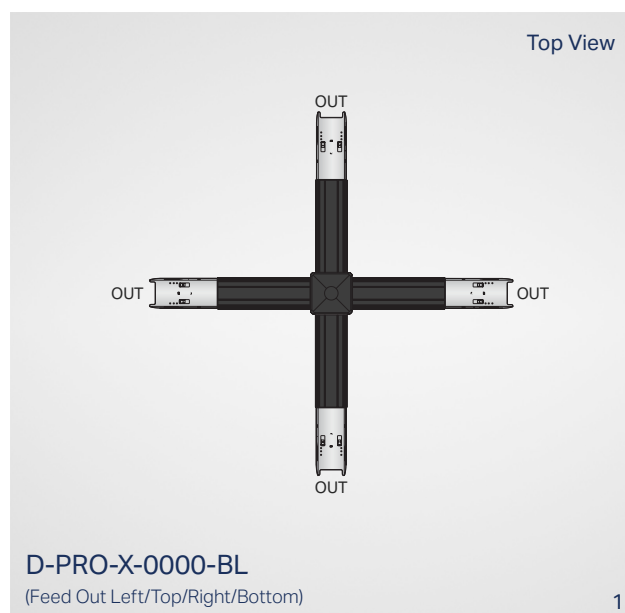
L Node can be rotated 90° to suit requirement



L Node can be rotated 90° to suit requirement



L Node can be rotated 90° to suit requirement



DATA PRO-BL

Product Images

