

BL PRO DF 2.4 24V

Flexible, Linear LED Strip Lighting
Monochromatic, 24VDC, Constant Voltage



BL PRO DF 2.4 24V is a flexible, dimmable, 24V LED Tape delivering up to 246 lm/FT at 2.44 W/FT, ideal for smooth, dot-free indoor accent lighting. Add energy-efficient accents to coves, under cabinets, shelving, and displays in commercial, residential, and retail environments. Its continuous light output provides clean, uniform illumination without visible hotspots, helping create refined lighting effects in a wide range of interior applications.

Up to 246 lm/ft

2.44W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



IP20

LOW

DIM

Bluetooth

3 YEAR WARRANTY

RoHS

UL LISTED

Lighting	Number of LED's	128 Diodes/FT (420/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.8A
	Connections	20AWG, Copper Conductors
Mechanical	Circuit	Class 2
	Housing Construction	Flexible PCB Board
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20
	Certifications	RoHs, cULus
	Operating Temperature	-4°F to 113°F (-20°C to 45°C)

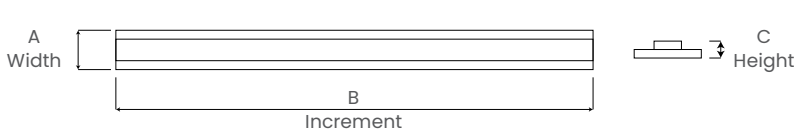
Performance

CCT/Color		2700K	3000K	3500K	4000K	5000K	6500K
Power	W/FT (W/m)	2.44 (8)					
Lumens	lm/FT (lm/m)	217 (712)	220 (722)	232 (761)	237 (778)	246 (807)	234 (768)
Efficacy	lm/W	89	90	95	97	101	96
CRI	CRI	90+					
Increment	inch (mm)	1.96 (50)					
Max. Length	ft (m)	16.4 (5)					

Ordering

Product Code	CCT	
BL PRO DF 2.4		24V-IP20-16R
	2700K	
	3000K	
	3500K	
	4000K	
	5000K	
	6500K	

Dimensions



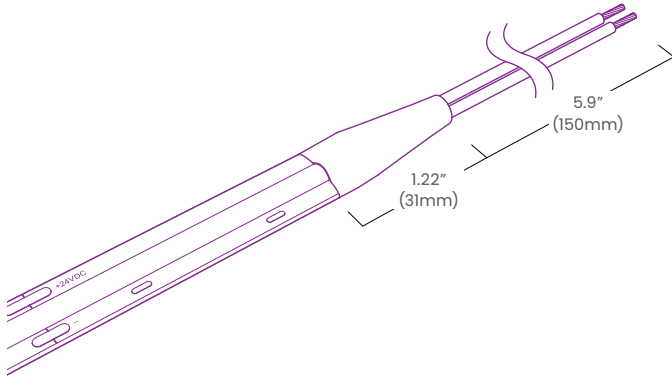
Section		A	B	C
		inch (mm)		
	DRY(IP20)	0.39 (10)	1.96 (50)	0.08 (2)



Dimensions

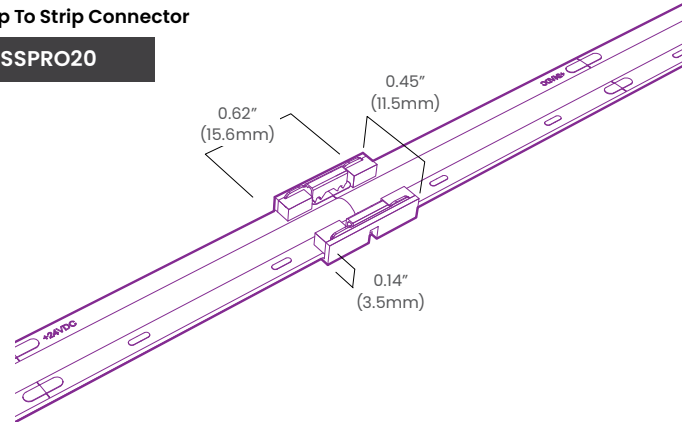
Lead Options

Lead Wire



Strip To Strip Connector

DFSSPRO20



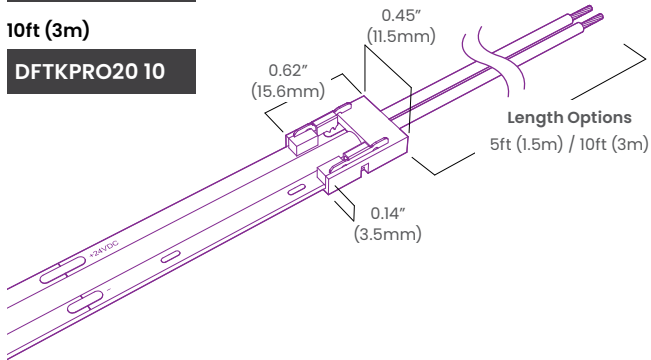
Termination

5ft (1.5m)

DFTKPRO20 5

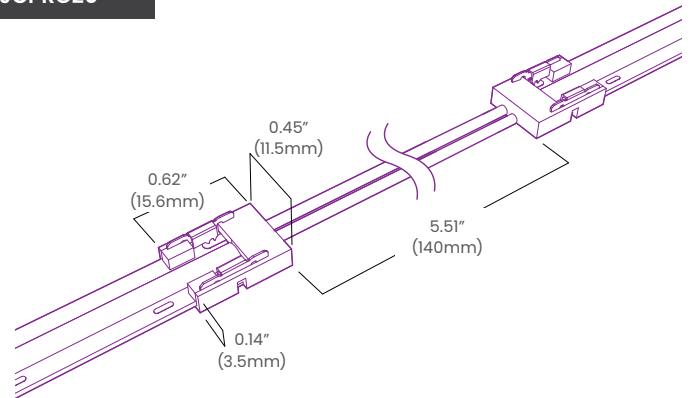
10ft (3m)

DFTKPRO20 10



Jumper Connector

DFJCPRO20



Compatible Profile

- Compatibility chart is for DRY (IP20) tape only
- Measurements in inch (mm)

Dotting Table:

A = No visible dots	B = Slight visible dots	C = Clear visible dots
		

Surface Mount

	BL PRO 1614 CH K		A Spec Sheet
	BL PRO SS45 CH K 45° Angle Frosted Optic		Dotting A Spec Sheet

