



Professional Series

► Super Bright Range

Data Sheet

Professional grade primary lighting with a CRI of >80 and approximately 2800 lumens per metre on average. Bright, high quality output LED strip for illuminating professional, commercial and domestic environments.

Professional Super Bright, 24V, 240 LEDs per metre pg. 1-3

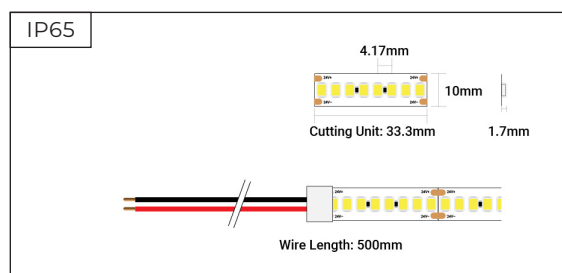
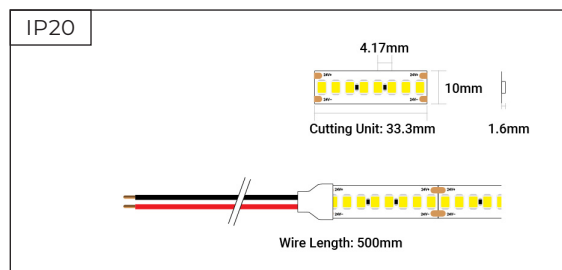


Professional Super Bright
- 24V - 240 LEDs per metre

Available in:



Dimensions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
PB24-27K-240-5M-80	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-27K-240-5M-80-IP	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-3K-240-5M-80	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-3K-240-5M-80-IP	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-4K-240-5M-80	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-4K-240-5M-80-IP	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-6K-240-5M-80	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W
PB24-6K-240-5M-80-IP	24V	0.92A/m	0.83A/m	3.5A	22.0W/m	20.0W/m	84.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PB24-27K-240-5M-80	2700K	Yes	< 2	120°
PB24-27K-240-5M-80-IP	2700K	Yes	< 2	120°
PB24-3K-240-5M-80	3000K	Yes	< 2	120°
PB24-3K-240-5M-80-IP	3000K	Yes	< 2	120°
PB24-4K-240-5M-80	4000K	Yes	< 2	120°
PB24-4K-240-5M-80-IP	4000K	Yes	< 2	120°
PB24-6K-240-5M-80	6000K	Yes	< 2	120°
PB24-6K-240-5M-80-IP	6000K	Yes	< 2	120°

Photometric & Light Data (continued)

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	2735	137	>80
3000K	3000K	2880	144	>80
4000K	4000K	3000	150	>80
6000K	6000K	2880	144	>80

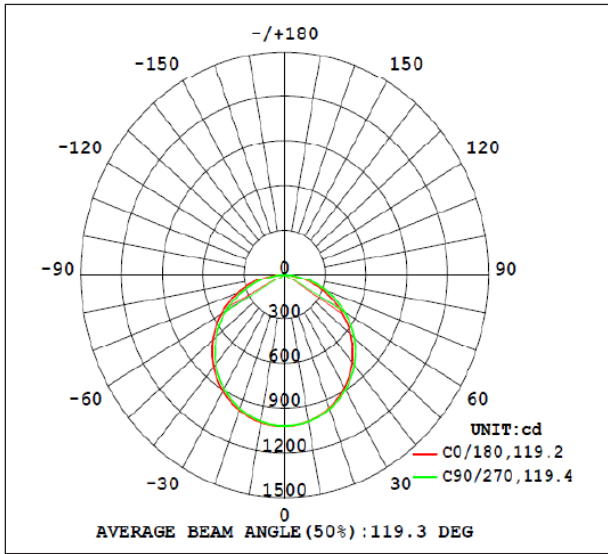
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PB24-27K-240-5M-80	IP20	33.3mm	500mm	Dual End	240 LEDs
PB24-27K-240-5M-80-IP	IP65	33.3mm	500mm	Dual End	240 LEDs
PB24-3K-240-5M-80	IP20	33.3mm	500mm	Dual End	240 LEDs
PB24-3K-240-5M-80-IP	IP65	33.3mm	500mm	Dual End	240 LEDs
PB24-4K-240-5M-80	IP20	33.3mm	500mm	Dual End	240 LEDs
PB24-4K-240-5M-80-IP	IP65	33.3mm	500mm	Dual End	240 LEDs
PB24-6K-240-5M-80	IP20	33.3mm	500mm	Dual End	240 LEDs
PB24-6K-240-5M-80-IP	IP65	33.3mm	500mm	Dual End	240 LEDs

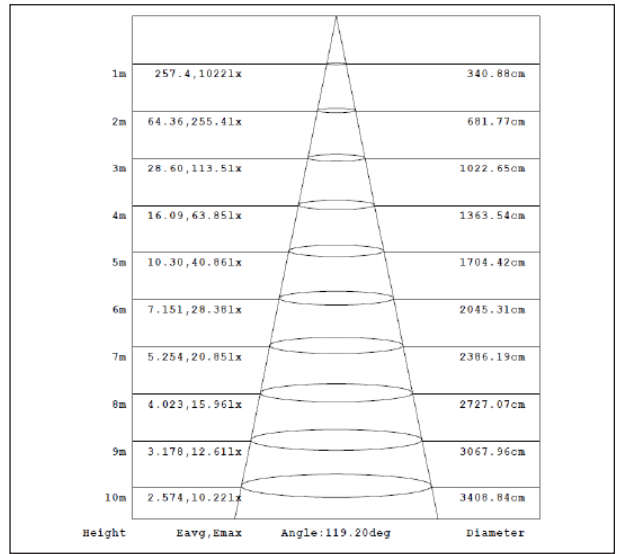
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PB24-27K-240-5M-80	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-27K-240-5M-80-IP	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-3K-240-5M-80	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-3K-240-5M-80-IP	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-4K-240-5M-80	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-4K-240-5M-80-IP	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-6K-240-5M-80	3M	∅ 60mm	-25°C ~ +40°C	5 Years
PB24-6K-240-5M-80-IP	3M	∅ 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
PB24-27K-240-5M-80	5000mm	10mm	1.6mm
PB24-27K-240-5M-80-IP	5000mm	10mm	1.7mm
PB24-3K-240-5M-80	5000mm	10mm	1.6mm
PB24-3K-240-5M-80-IP	5000mm	10mm	1.7mm
PB24-4K-240-5M-80	5000mm	10mm	1.6mm
PB24-4K-240-5M-80-IP	5000mm	10mm	1.7mm
PB24-6K-240-5M-80	5000mm	10mm	1.6mm
PB24-6K-240-5M-80-IP	5000mm	10mm	1.7mm

Photometric Data (1000mm)




AAI Figure






tagra[®]

 tagra-lighting.co.uk

 0161 442 1180

 Southfield Ind. Estate, Praed Rd,
Trafford Park, Manchester, M17 1SJ