



Professional Series

► COB Non Spotting

Data Sheet

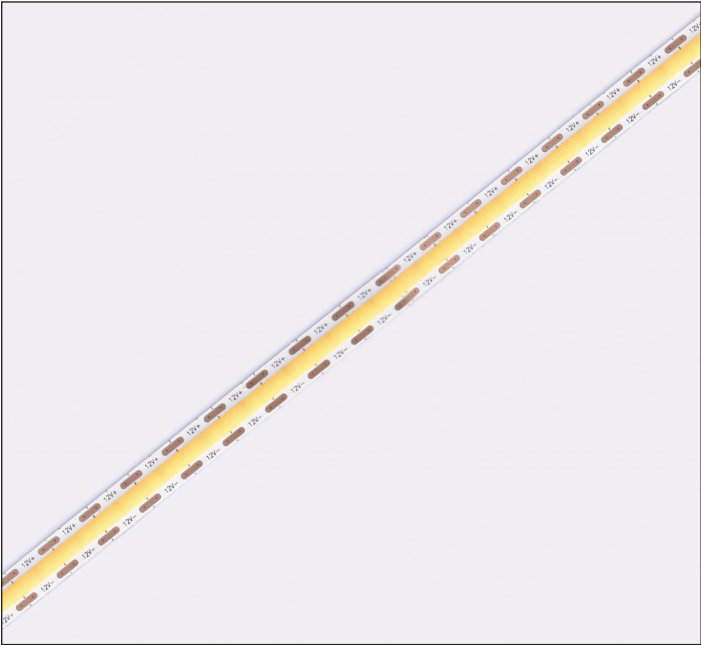
Completely non spotting seamless illumination with high efficiency, at approximately 100 lumens per watt. Perfect for professional grade lighting where a completely non spotting, high quality output and finish is required.

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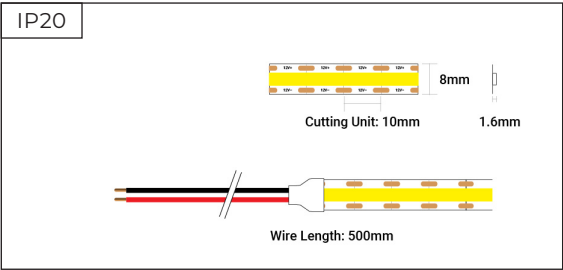


Professional COB
- 12V - Mini Cut Point

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	2.5m	Max.	Typ.	2.5m
PC12-27K-2.5M-90	12V	0.75A/m	0.67A/m	1.5A	9.0W/m	8.0W/m	18.0W
PC12-3K-2.5M-90	12V	0.75A/m	0.67A/m	1.5A	9.0W/m	8.0W/m	18.0W
PC12-4K-2.5M-90	12V	0.75A/m	0.67A/m	1.5A	9.0W/m	8.0W/m	18.0W
PC12-65K-2.5M-90	12V	0.75A/m	0.67A/m	1.5A	9.0W/m	8.0W/m	18.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PC12-27K-2.5M-90	2700K	Yes	< 3	140°
PC12-3K-2.5M-90	3000K	Yes	< 3	140°
PC12-4K-2.5M-90	4000K	Yes	< 3	140°
PC12-65K-2.5M-90	6500K	Yes	< 3	140°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	650	81	>90
3000K	3000K	720	90	>90
4000K	4000K	780	98	>90
6500K	6500K	800	100	>90

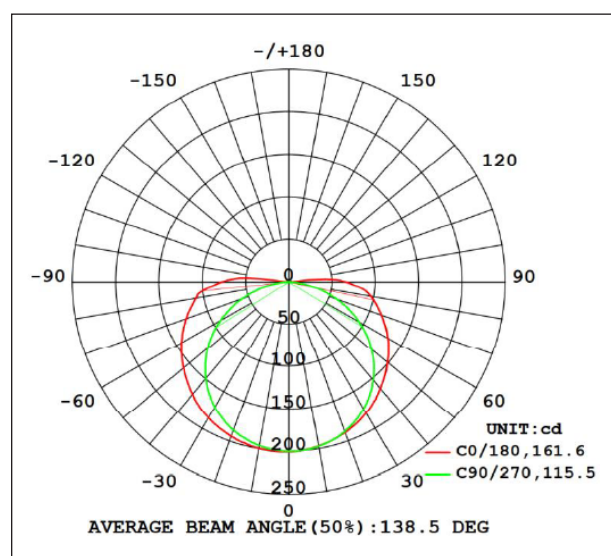
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PC12-27K-2.5M-90	IP20	10mm	500mm	Dual End	-
PC12-3K-2.5M-90	IP20	10mm	500mm	Dual End	-
PC12-4K-2.5M-90	IP20	10mm	500mm	Dual End	-
PC12-65K-2.5M-90	IP20	10mm	500mm	Dual End	-

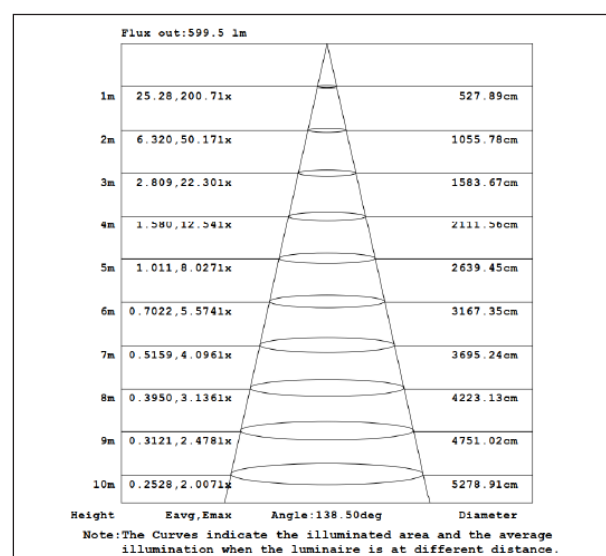
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PC12-27K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC12-3K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC12-4K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC12-65K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years

SKU	Length	Width	Height
PC12-27K-2.5M-90	2500mm	8mm	1.6mm
PC12-3K-2.5M-90	2500mm	8mm	1.6mm
PC12-4K-2.5M-90	2500mm	8mm	1.6mm
PC12-65K-2.5M-90	2500mm	8mm	1.6mm

Photometric Data (1000mm)



AAI Figure

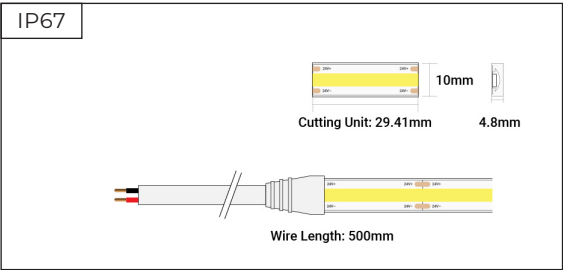
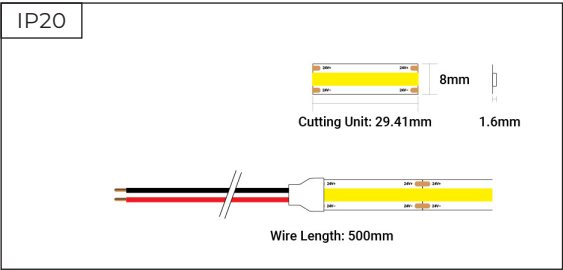


Professional COB
- 24V

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
PC24-27K-5M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-27K-5M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-27K-50M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-27K-50M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-3K-5M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-3K-5M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-3K-50M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-3K-50M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-4K-5M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-4K-5M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-4K-50M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-4K-50M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-65K-5M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-65K-5M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-65K-50M-90	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-65K-50M-90-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PC24-27K-5M-90	2700K	Yes	< 3	140°
PC24-27K-5M-90-IP	2700K	Yes	< 3	140°
PC24-27K-50M-90	2700K	Yes	< 3	140°
PC24-27K-50M-90-IP	2700K	Yes	< 3	140°
PC24-3K-5M-90	3000K	Yes	< 3	140°
PC24-3K-5M-90-IP	3000K	Yes	< 3	140°
PC24-3K-50M-90	3000K	Yes	< 3	140°
PC24-3K-50M-90-IP	3000K	Yes	< 3	140°
PC24-4K-5M-90	4000K	Yes	< 3	140°
PC24-4K-5M-90-IP	4000K	Yes	< 3	140°
PC24-4K-50M-90	4000K	Yes	< 3	140°
PC24-4K-50M-90-IP	4000K	Yes	< 3	140°
PC24-65K-5M-90	6500K	Yes	< 3	140°
PC24-65K-5M-90-IP	6500K	Yes	< 3	140°
PC24-65K-50M-90	6500K	Yes	< 3	140°
PC24-65K-50M-90-IP	6500K	Yes	< 3	140°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	820	82	>90
3000K	3000K	900	90	>90
4000K	4000K	980	98	>90
6500K	6500K	1000	100	>90

Mechanical Data

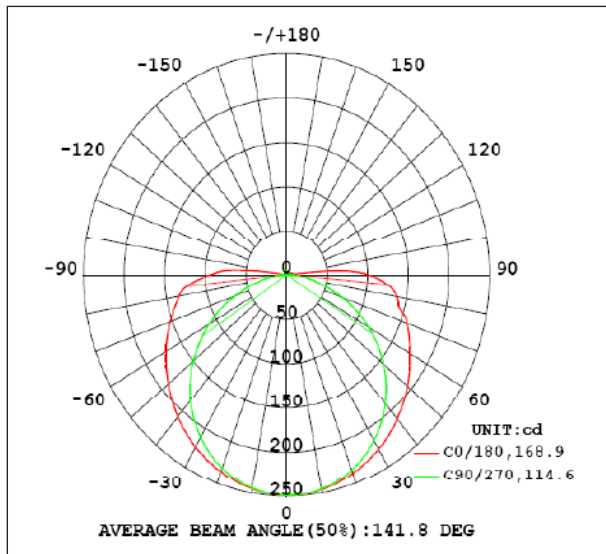
SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PC24-27K-5M-90	IP20	29.41mm	500mm	Dual End	-
PC24-27K-5M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-27K-50M-90	IP20	29.41mm	500mm	Dual End	-
PC24-27K-50M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-3K-5M-90	IP20	29.41mm	500mm	Dual End	-
PC24-3K-5M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-3K-50M-90	IP20	29.41mm	500mm	Dual End	-
PC24-3K-50M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-4K-5M-90	IP20	29.41mm	500mm	Dual End	-
PC24-4K-5M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-4K-50M-90	IP20	29.41mm	500mm	Dual End	-
PC24-4K-50M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-65K-5M-90	IP20	29.41mm	500mm	Dual End	-
PC24-65K-5M-90-IP	IP67	29.41mm	500mm	Dual End	-
PC24-65K-50M-90	IP20	29.41mm	500mm	Dual End	-
PC24-65K-50M-90-IP	IP67	29.41mm	500mm	Dual End	-

Mechanical Data (continued)

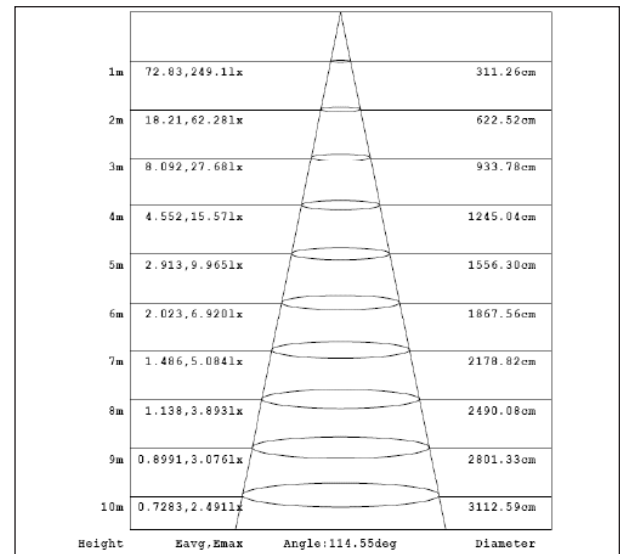
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PC24-27K-5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-27K-5M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-27K-50M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-27K-50M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-3K-5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-3K-5M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-3K-50M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-3K-50M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-4K-5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-4K-5M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-4K-50M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-4K-50M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-65K-5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-65K-5M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-65K-50M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-65K-50M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years

SKU	Length	Width	Height
PC24-27K-5M-90	5000mm	8mm	1.6mm
PC24-27K-5M-90-IP	5000mm	10mm	4.8mm
PC24-27K-50M-90	50000mm	8mm	1.6mm
PC24-27K-50M-90-IP	50000mm	10mm	4.8mm
PC24-3K-5M-90	5000mm	8mm	1.6mm
PC24-3K-5M-90-IP	5000mm	10mm	4.8mm
PC24-3K-50M-90	50000mm	8mm	1.6mm
PC24-3K-50M-90-IP	50000mm	10mm	4.8mm
PC24-4K-5M-90	5000mm	8mm	1.6mm
PC24-4K-5M-90-IP	5000mm	10mm	4.8mm
PC24-4K-50M-90	50000mm	8mm	1.6mm
PC24-4K-50M-90-IP	50000mm	10mm	4.8mm
PC24-65K-5M-90	5000mm	8mm	1.6mm
PC24-65K-5M-90-IP	5000mm	10mm	4.8mm
PC24-65K-50M-90	50000mm	8mm	1.6mm
PC24-65K-50M-90-IP	50000mm	10mm	4.8mm

Photometric Data (1000mm)

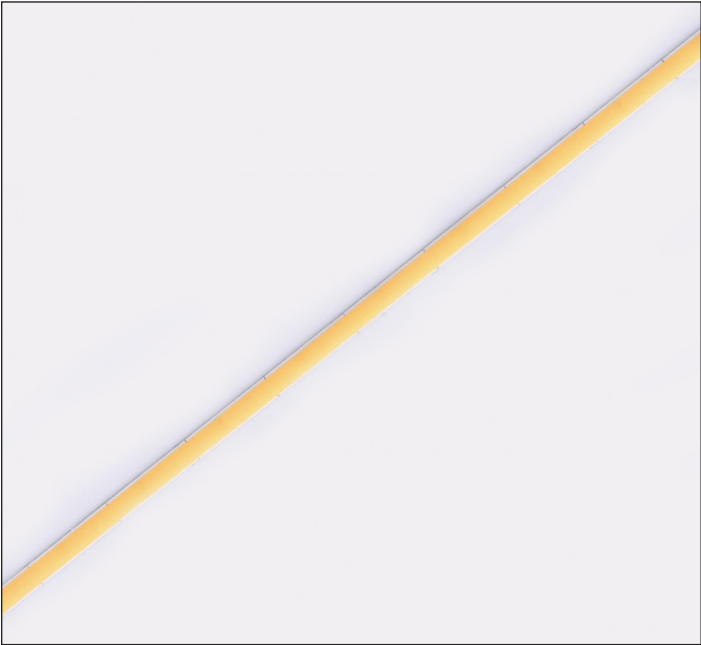


AAI Figure

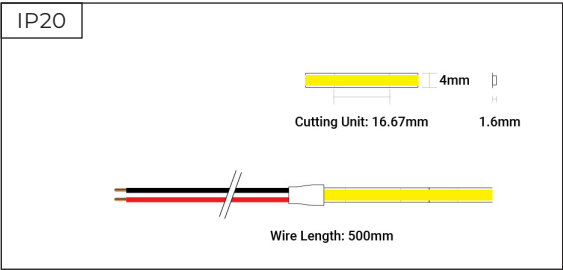


Professional COB
- 24V - Micro Width

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	2.5m	Max.	Typ.	2.5m
PC24-27K-2.5M-90	24V	0.42A/m	0.375A/m	0.79A	10.0W/m	9.0W/m	19.0W
PC24-3K-2.5M-90	24V	0.42A/m	0.375A/m	0.79A	10.0W/m	9.0W/m	19.0W
PC24-4K-2.5M-90	24V	0.42A/m	0.375A/m	0.79A	10.0W/m	9.0W/m	19.0W
PC24-65K-2.5M-90	24V	0.42A/m	0.375A/m	0.79A	10.0W/m	9.0W/m	19.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PC24-27K-2.5M-90	2700K	Yes	< 3	140°
PC24-3K-2.5M-90	3000K	Yes	< 3	140°
PC24-4K-2.5M-90	4000K	Yes	< 3	140°
PC24-65K-2.5M-90	6500K	Yes	< 3	140°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	610	68	>90
3000K	3000K	680	76	>90
4000K	4000K	760	84	>90
6500K	6500K	810	90	>90

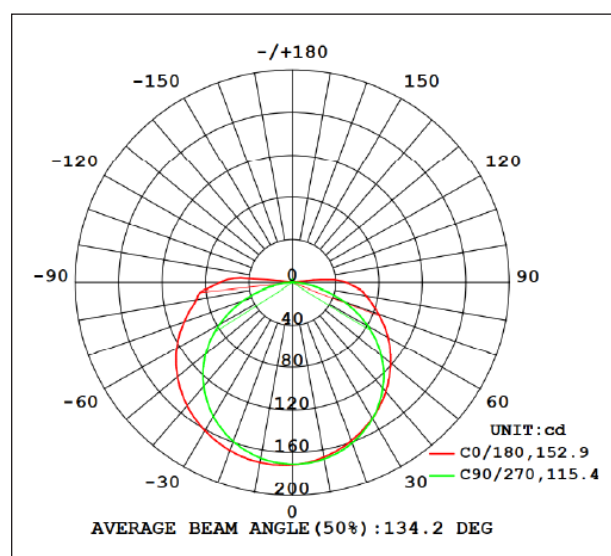
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PC24-27K-2.5M-90	IP20	16.67mm	500mm	Dual End	-
PC24-3K-2.5M-90	IP20	16.67mm	500mm	Dual End	-
PC24-4K-2.5M-90	IP20	16.67mm	500mm	Dual End	-
PC24-65K-2.5M-90	IP20	16.67mm	500mm	Dual End	-

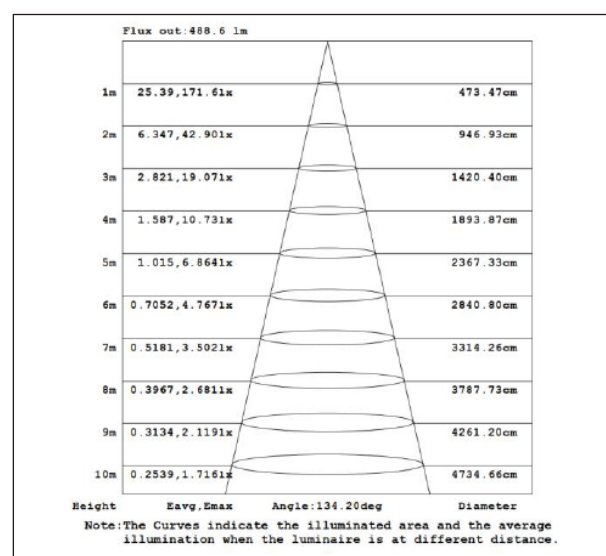
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PC24-27K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-3K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-4K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-65K-2.5M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years

SKU	Length	Width	Height
PC24-27K-2.5M-90	2500mm	4mm	1.6mm
PC24-3K-2.5M-90	2500mm	4mm	1.6mm
PC24-4K-2.5M-90	2500mm	4mm	1.6mm
PC24-65K-2.5M-90	2500mm	4mm	1.6mm

Photometric Data (1000mm)



AAI Figure

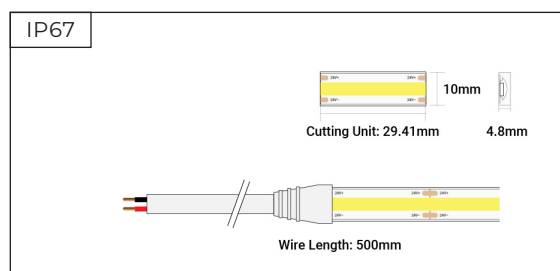
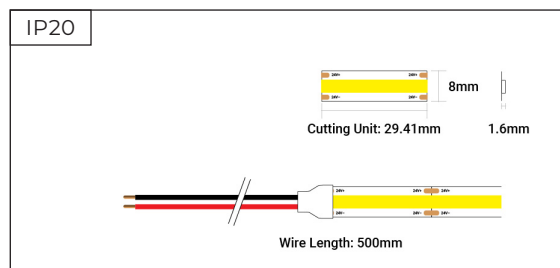


Professional COB - 24V - Single Colour (Red, Green, Blue)

Available in:



Dimensions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
PC24-RED-5M	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-RED-5M-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-GREEN-5M	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-GREEN-5M-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-BLUE-5M	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W
PC24-BLUE-5M-IP	24V	0.47A/m	0.42A/m	1.8A	11.2W/m	10.0W/m	43.2W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PC24-RED-5M	Red	Yes	< 3	140°
PC24-RED-5M-IP	Red	Yes	< 3	140°
PC24-GREEN-5M	Green	Yes	< 3	140°
PC24-GREEN-5M-IP	Green	Yes	< 3	140°
PC24-BLUE-5M	Blue	Yes	< 3	140°
PC24-BLUE-5M-IP	Blue	Yes	< 3	140°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
RED	620-625nm	-	-	-
GREEN	520-525nm	-	-	-
BLUE	465-470nm	-	-	-

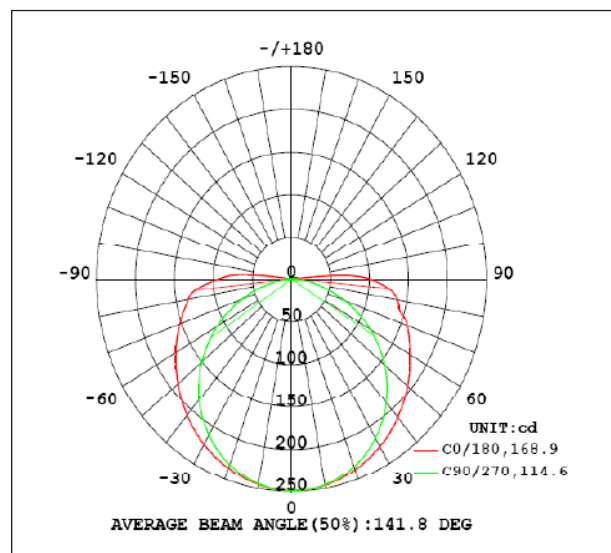
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PC24-RED-5M	IP20	29.41mm	500mm	Dual End	-
PC24-RED-5M-IP	IP67	29.41mm	500mm	Dual End	-
PC24-GREEN-5M	IP20	29.41mm	500mm	Dual End	-
PC24-GREEN-5M-IP	IP67	29.41mm	500mm	Dual End	-
PC24-BLUE-5M	IP20	29.41mm	500mm	Dual End	-
PC24-BLUE-5M-IP	IP67	29.41mm	500mm	Dual End	-

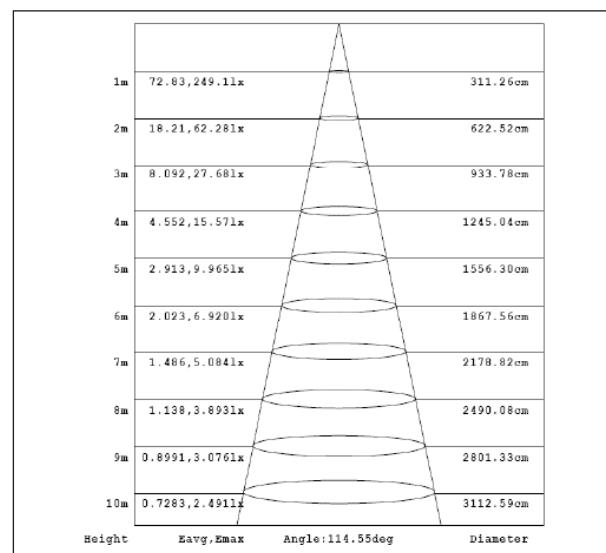
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PC24-RED-5M	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-RED-5M-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-GREEN-5M	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-GREEN-5M-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-BLUE-5M	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC24-BLUE-5M-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years

SKU	Length	Width	Height
PC24-RED-5M	5000mm	8mm	1.6mm
PC24-RED-5M-IP	5000mm	10mm	4.8mm
PC24-GREEN-5M	5000mm	8mm	1.6mm
PC24-GREEN-5M-IP	5000mm	10mm	4.8mm
PC24-BLUE-5M	5000mm	8mm	1.6mm
PC24-BLUE-5M-IP	5000mm	10mm	4.8mm

Photometric Data (1000mm)



AAI Figure

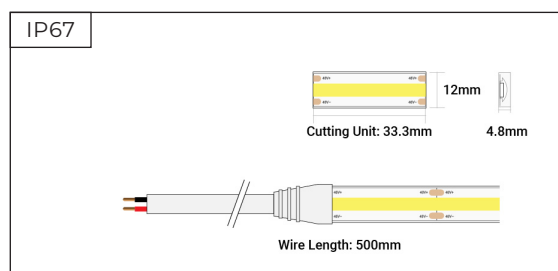
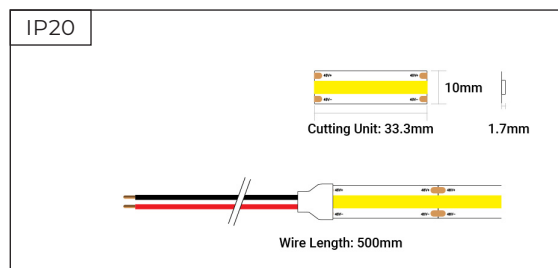


Professional COB - 48V

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	15m	Max.	Typ.	15m
PC48-27K-15M-90	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-27K-15M-90-IP	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-3K-15M-90	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-3K-15M-90-IP	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-4K-15M-90	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-4K-15M-90-IP	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-65K-15M-90	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W
PC48-65K-15M-90-IP	48V	0.28A/m	0.21A/m	2.63A	11.2W/m	10.0W/m	126.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
PC48-27K-15M-90	2700K	Yes	< 3	140°
PC48-27K-15M-90-IP	2700K	Yes	< 3	140°
PC48-3K-15M-90	3000K	Yes	< 3	140°
PC48-3K-15M-90-IP	3000K	Yes	< 3	140°
PC48-4K-15M-90	4000K	Yes	< 3	140°
PC48-4K-15M-90-IP	4000K	Yes	< 3	140°
PC48-65K-15M-90	6500K	Yes	< 3	140°
PC48-65K-15M-90-IP	6500K	Yes	< 3	140°

Photometric & Light Data (continued)

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	790	79	>90
3000K	3000K	830	83	>90
4000K	4000K	860	86	>90
6500K	6500K	860	86	>90

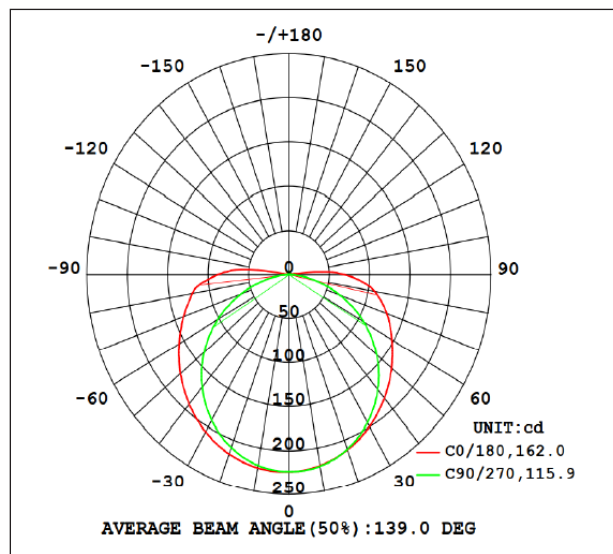
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
PC48-27K-15M-90	IP20	33.33mm	500mm	Single End	-
PC48-27K-15M-90-IP	IP67	33.33mm	500mm	Single End	-
PC48-3K-15M-90	IP20	33.33mm	500mm	Single End	-
PC48-3K-15M-90-IP	IP67	33.33mm	500mm	Single End	-
PC48-4K-15M-90	IP20	33.33mm	500mm	Single End	-
PC48-4K-15M-90-IP	IP67	33.33mm	500mm	Single End	-
PC48-65K-15M-90	IP20	33.33mm	500mm	Single End	-
PC48-65K-15M-90-IP	IP67	33.33mm	500mm	Single End	-

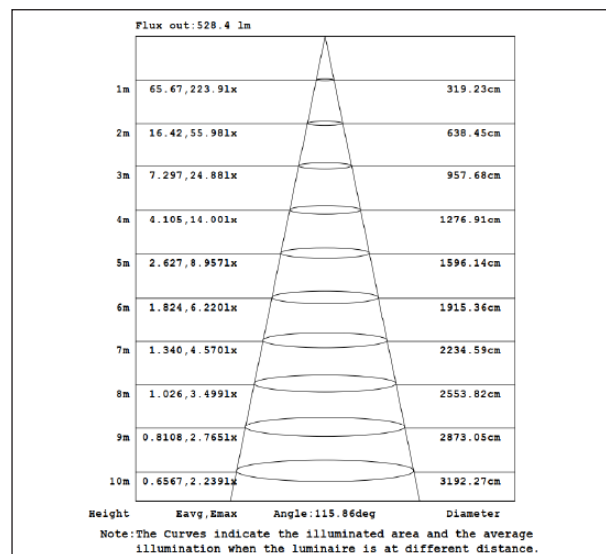
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
PC48-27K-15M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-27K-15M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-3K-15M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-3K-15M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-4K-15M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-4K-15M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-65K-15M-90	3M	ø 60mm	-25°C ~ +40°C	3 Years
PC48-65K-15M-90-IP	3M	ø 60mm	-25°C ~ +40°C	3 Years

SKU	Length	Width	Height
PC48-27K-15M-90	15000mm	10mm	1.7mm
PC48-27K-15M-90-IP	15000mm	12mm	4.8mm
PC48-3K-15M-90	15000mm	10mm	1.7mm
PC48-3K-15M-90-IP	15000mm	12mm	4.8mm
PC48-4K-15M-90	15000mm	10mm	1.7mm
PC48-4K-15M-90-IP	15000mm	12mm	4.8mm
PC48-65K-15M-90	15000mm	10mm	1.7mm
PC48-65K-15M-90-IP	15000mm	12mm	4.8mm

Photometric Data (1000mm)



AAI Figure





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