Tagra | Pro COB LED Strip Light | 576 LEDs/m | 24V | IP67 | 19.8W/m | 2700K-6000K | 5M

TP24-2765KCOB5M67 / ITM000071



Datasheet

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www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
27.78mm	IP67	576/m	24V	5 Years

SKU: TP24-2765KCOB5M67
ITM: ITM000071

Key Features:

- **Light Colour:** 2700K-6500K
- **Product Length:** 5m
- **Lm/W (Up To):** 73Lm/W
- **Lm/m (Up To):** 1320Lm/m
- **Dimensions (W x H):** 12 x 5mm

Mechanical Data			
Bend Direction:	Horizontal	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	Silicone	**Cable Gauge:**	20AWG
LED Chip Brand:	JC_CSP	**LED Chip Type:**	CSP
Copper Foil Weight:	3oz	**Cut Points:**	27.78mm
Entry Cable Direction:	End	**LED Pitch:**	1.74mm
LEDs Per Unit:	16	**LEDs Per Metre:**	576
LEDs Total:	2880	**Min. Bend Radius:**	30mm
PCB Type:	Flexible	**Product Weight:**	400g
Self Adhesive Brand:	JL	**Self Adhesive Model Number:**	4910F
Dimensions (LxWxH):	5000 x 12 x 5mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	0.82A
Current Max. @5 Metre:	3.3A	**Current Typ. @Max Run Length:**	3A
Max. Run Length:	5m	**Wattage Max. @1 Metre:**	19.8W
Wattage Typ. @1 Metre:	18W	**Wattage Typ. @5 Metre:**	60W
Wattage Typ. @Max Run Length:	60W	**Current Max. @1 Metre:**	0.82A
Current Typ. @1 Metre:	0.75A		

Input Data	
Input Voltage:	24V

Control Data			
Default PWM Frequency:	50Hz	**Dimmable:**	Yes

Photometric Data			
Wavelength:	580.2nm	**Lumens Per Metre:**	1320Lm/m
CCT:	2700K - 6500K	**Bin Number:**	1
Colour Type:	CCT Tunable White	**CRI:**	90
SDCM:	<5	**Lumen Total:**	6600Lm
Lumens Per Metre (White):	1320Lm/m	**Lumens Per Watt:**	73Lm/W
Lumens Per Watt (White):	594Lm/W	**Lumens Per Watt (White 2):**	660Lm/W
Luminous Intensity:	280.63cd	**Peak Luminous Intensity:**	246.95616cd
R9 Value:	87		

Environmental Data			
Application Environment:	Outdoor	**Ingress Protection (IP):**	IP67
Interior or Exterior Use:	Exterior	**Working Humidity:**	70%

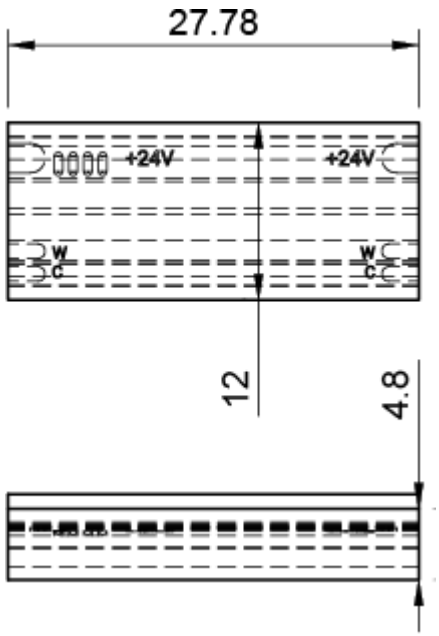
Protection Data

Electrical Safety Class:	III

Efficiency Data

Energy Efficiency Class:	G	**Lumen Maintenance Factor:**	97
Rated Life:	60000 Hours	**Survival Factor:**	0.9
Switch Cycles:	10000		

Dimension Drawing



Packaging Data

Packaging Height:	140mm	**Packaging Length:**	286mm
Packaging Width:	242mm	**Packaging Weight:**	523g

Disclaimer

Tagra Lighting have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk