Tagra | E-60 | Economy LED Strip Light | 60 LEDs/m | 24V | IP20 | 14.4W/m | RGB | 5M

TE24-RGB605M / ITM001041



Datasheet

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Tagra | E-60 | Economy LED Strip Light | 60 LEDs/m | 24V | IP20 | 14.4W/m | RGB | 5M



Cut Points	IP Rating	LEDs	Voltage In	Warranty
100mm	IP20	60/m	24V	3 Years

SKU: TE24-RGB605M
ITM: ITM001041

Key Features:

- **Product Length:** 5m
- **Lm/W (Up To):** 41Lm/W
- **Lm/m (Up To):** 587Lm/m
- **Dimensions (W x H):** 10 x 2mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	PVC	**Cable Gauge:**	20AWG
LED Chip Brand:	RICHLUX	**LED Chip Type:**	5050
Copper Foil Weight:	2oz	**Cut Points:**	100mm
LED Pitch:	100mm	**LEDs Per Unit:**	6
LEDs Per Metre:	60	**LEDs Total:**	300
PCB Type:	Flexible	**Product Weight:**	150g
Self Adhesive Brand:	3M	**Dimensions (LxWxH):**	5000 x 10 x 2mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	3A
Current Typ. @Max Run Length:	3A	**Max. Run Length:**	5m

Electrical Data			
Wattage Max. @1 Metre:	14.4W	**Wattage Typ. @1 Metre:**	14.4W
Wattage Typ. @5 Metre:	72W	**Wattage Typ. @Max Run Length:**	72W
Current Max. @1 Metre:	0.6A	**Current Typ. @1 Metre:**	0.6A

Input Data	
Input Voltage:	24V

Control Data			
Dimmable:	Yes	**Dimming Type:**	PWM

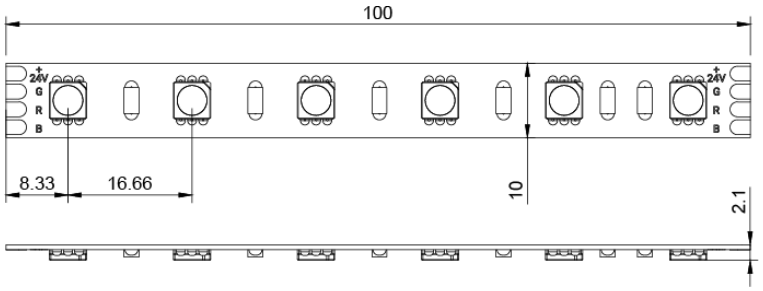
Photometric Data			
Wavelength Blue:	465 - 467.5	**Wavelength Green:**	520 - 523
Wavelength Red:	623 - 620	**Lumens Per Metre:**	587Lm/m
Bin Number:	1	**Colour Type:**	RGB
SDCM:	<5	**Lumen Total:**	2641.5Lm
Lumens Per Watt:	41Lm/W		

Environmental Data			
Anti-Yellowing:	Yes	**Application Environment:**	Domestic, Commercial, Hospitality, Retail
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Saltwater Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-20°C - 50°C	**Storage Humidity:**	80%
Storage Temperature:	-30°C - 80°C		

Protection Data	
Electrical Safety Class:	III

Efficiency Data			
L70B50:	150000 Hours	**L80B10:**	78000 Hours
L90B10:	37000 Hours	**Lumen Maintenance Factor:**	99.26
Rated Life:	50000 Hours	**Survival Factor:**	1
Switch Cycles:	25000		

Dimension Drawing



Packaging Data			
Packaging Height:	224mm	**Packaging Length:**	320mm
Packaging Width:	223mm	**Packaging Weight:**	150g

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.

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