Tagra | E-60 | Economy LED Strip Light | 60 LEDs/m | 24V | IP65 | 19.2W/m | RGB+3000K | 5M

TE24-RGB3K605M65 / ITM001003



Datasheet

23-10-2026

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
100mm	IP65	60/m	24V	2 Years

SKU: TE24-RGB3K605M65
ITM: ITM001003

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Lm/W (Up To):** 46Lm/W
- **Lm/m (Up To):** 934.7Lm/m
- **Dimensions (W x H):** 14 x 5mm

Mechanical Data			
Body Colour:	White	**Cable Both Ends:**	Yes
Cable Length:	500mm	**Cable Sheath Material:**	PVC
Cable Gauge:	20AWG	**LED Chip Brand:**	QIZHI
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:	440g	**Self Adhesive Brand:**	3M
Dimensions (LxWxH):	5000 x 14 x 5mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	4A
Current Typ. @Max Run Length:	4A	**Max. Run Length:**	5m

Electrical Data			
Wattage Max. @1 Metre:	19.2W	**Wattage Typ. @1 Metre:**	19.2W
Wattage Typ. @5 Metre:	96W	**Wattage Typ. @Max Run Length:**	96W
Current Max. @1 Metre:	0.8A	**Current Typ. @1 Metre:**	0.8A

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:**	934.7Lm/m
CCT:	3000K	**Bin Number:**	1
Colour Type:	RGBW	**CRI:**	80
SDCM:	<5	**Lumens Per Metre (Blue):**	75Lm/m
Lumens Per Metre (Red):	125Lm/m	**Lumens Per Metre (White):**	420Lm/m
Lumens Per Watt:	46Lm/W		

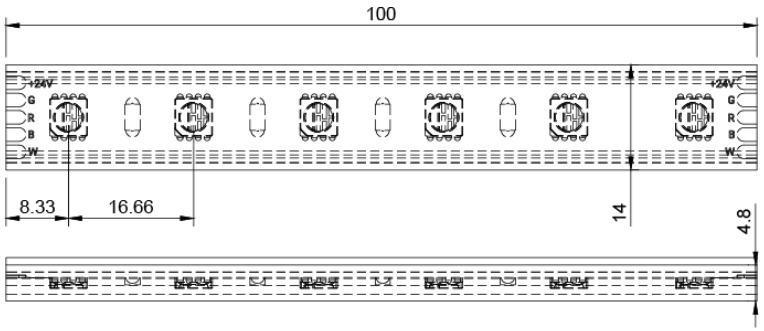
Environmental Data			
Anti-Yellowing:	Yes	**Application Environment:**	Domestic, Commercial, Hospitality, Retail
Ingress Protection (IP):	IP65	**Interior or Exterior Use:**	Exterior
Saltwater Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-20°C - 50°C	**Working Humidity:**	95%

Protection Data	
Electrical Safety Class:	III

Efficiency Data

Energy Efficiency Class:	G	**L70B50:**	150000 Hours
L80B10:	78000 Hours	**L90B10:**	37000 Hours
LM80:	150000 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:**	440g

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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