

Tagra | Express Pixel LED Strip Light | 60 LEDs/m | 60
Pixels/m | 12V | IP20 | 9W/m | RGB | 20M Reel

ED12-RGB-60-20M / ITM018605



Tagra | Express Pixel LED Strip Light | 60 LEDs/m | 60 Pixels/m | 12V | IP20 | 9W/m | RGB | 20M Reel



Cut Points ✂ 16.67mm	IP Rating 💧 IP20	LEDs 📺 60/m	Voltage In ⚡ 12V	Warranty 🛡 6 Months
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SKU: ED12-RGB-60-20M
ITM: ITM018605

- Key Features:**
- **Product Length:** 20m
 - **Lm/W (Up To):** 22Lm/W
 - **Lm/m (Up To):** 193Lm/m
 - **IC Type:** RT1806 (WS2811)
 - **Dimensions (W x H):** 10 x 2.5mm

Mechanical Data			
Bend Direction:	Horizontal	Body Colour:	Black
Cable Both Ends:	Yes	Cable Length:	500mm
Cable Sheath Material:	PVC	Cable Gauge:	20AWG
LED Chip Brand:	Epistar	LED Chip Type:	5050
Copper Foil Weight:	2oz	Cut Points:	16.67mm
Entry Cable Direction:	Top	LED Pitch:	16.67mm
LEDs Per Unit:	1	LEDs Per Metre:	60
LEDs Total:	300	Min. Bend Radius:	30mm
PCB Type:	Flexible	Pixels Per Metre:	60
Product Weight:	160g	Self Adhesive Brand:	3M
Self Adhesive Model Number:	300LSE	Dimensions (LxWxH):	20000 x 10 x 2.5mm

Electrical Data			
Constant Voltage / Constant Current:	CV	Current Max. Blue @1 Metre:	0.69A
Current Max. Green @1 Metre:	0.69A	Current Max. Red @1 Metre:	0.7A
Current Max. White @1 Metre:	0.75A	Current Max. Rated:	0.75A
Current Max. @5 Metre:	3.5A	Current Typ. @Max Run Length:	3.5A
Max. Run Length:	5m	Wattage Max. @1 Metre:	9W
Wattage Typ. @1 Metre:	8.5W	Wattage Typ. @5 Metre:	42.5W
Wattage Typ. @Max Run Length:	42.5W	Current Max. @1 Metre:	0.75A
Current Typ. @1 Metre:	0.7A	Current Control Type:	IC

Input Data	
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Input Voltage:	12V
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Control Data	
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Control Signal Input:	Pixel	Default PWM Frequency:	2000Hz
Dimmable:	Yes	Dimming Type:	PWM
IC Type:	RT1806 (WS2811)		

Photometric Data	
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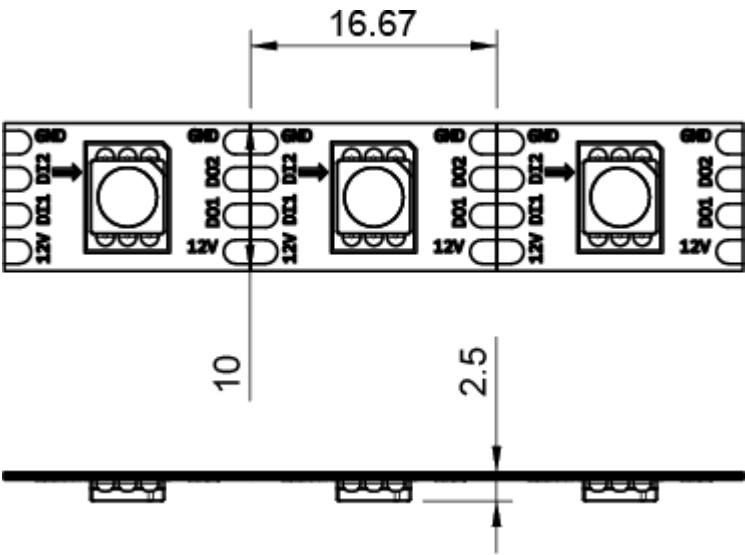
Wavelength Blue:	460 - 465	Wavelength Green:	520 - 525
Wavelength Red:	625 - 620	Lumens Per Metre:	193Lm/m
Colour Type:	RGB	SDCM:	<5
Lumen Total:	718Lm	Lumens Per Metre (Blue):	31Lm/m
Lumens Per Metre (Red):	41Lm/m	Lumens Per Watt (Blue):	3.8Lm/W
Lumens Per Watt (Green):	14.8Lm/W	Lumens Per Watt:	22Lm/W
Lumens Per Watt (Red):	4.9Lm/W	Lumens Per Metre (Green):	122Lm/m

Environmental Data			
Application Environment:	Indoor	Case Temperature Max. (tc):	26°C
Ingress Protection (IP):	IP20	Interior or Exterior Use:	Interior
Operating Temperature:	-25°C - 60°C	Storage Humidity:	60%
Storage Temperature:	-25°C - 60°C	Working Humidity:	90%

Protection Data	
Electrical Safety Class:	III

Efficiency Data			
L70B50:	36000 Hours	L80B10:	36000 Hours
L90B10:	36000 Hours	LM80:	36000 Hours
Rated Life:	50000 Hours		

Dimension Drawing



Packaging Data			
Packaging Height:	480mm	Packaging Length:	480mm
Packaging Width:	280mm		

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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