Tagra | Essential LED Strip Light | 60 LEDs p/m | 12V | IP65 | 14.4Wp/m | RGB | 50M Reel

TE12-RGB6050M65



Key Features

Product Length: 50m

Lm/W (Up To): 40 Lm/W

Lm/m (Up To): 543.9 Lm/m

Lm/m (Red): 175 Lm/m

Run Length (Max): 5m

5 MTRS

2 YEAR

Mechanical Data

Bend Direction	Vertical
Body Colour	White
Cable Both Ends	yes
Cable Length	500mm
Cable Sheath Material	PVC
Cable Weight	20AWG
LED Chip Brand	QIZHI
LED Chip Type	5050
Copper Foil Weight	2oz

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Cut Points	50mm
LED Pitch	100mm
LEDs Per Unit	6
LEDs Per Metre	60
LEDs Total	300
PCB Type	Flexible
Product Weight	390g
Self Adhesive Brand	3M

Input

Input Voltage	24 - 24

Control

Dimmable	yes
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	6M
Current Typ · @Max Run Length	6 A
Max · Run Length	5 m
Wattage Max · @1 Metre	14.4 W
Wattage Typ · @1 Metre	14.4 W
Wattage Typ · @5 Metre	72 W
Wattage Typ · @Max Run Length	72 W

Protection

Electrical Safety Class	III

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Photometric Data

Wavelength Blue	465 - 467.5
Wavelength Green	520 - 525
Wavelength Red	623 - 620
Lumens Per Metre	543.9 Lm/m
Bin Number	1
Colour Type	RGB
SDCM	<5
Lumen Total	2447.33Lm
Lumens Per Metre (Blue)	85Lm/m
Lumens Per Metre (Red)	175Lm/m
Lumens Per Watt	40Lm/W

Environment

Anti-Yellowing	yes
Application Environment	DOMESTIC, COMMERCIAL RESIDENTIAL
Body Material	Plastic
Ingress Protection (IP)	IP20
Interior or Exterior Use	Exterior
Saltwater Resistant	yes
UV Resistant	yes

Efficiency

L70B50	150000 Hours
L80B10	78000 Hours
L90B10	37000 Hours
Lumen Maintenance Factor	99.26

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Rated Life	50000 Hours
Survival Factor	1
Switch Cycles	25000

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