Tagra | Essential COB LED Strip Light | 320 LEDs p/m | 24V | IP65 | 8Wp/m | 3000K | 50M Reel

EC24-3K50M65



Key Features

Light Colour: Warm White

Product Length: 50m

Lm/W (Up To): 64 Lm/W

Lm/m (Up To): 512 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	SANAN
LED Chip Type	FLIP-CHIP
Copper Foil Weight	20oz

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Cut Points	50mm
Entry Cable Direction	REAR
LEDs Per Unit	16
LEDs Per Metre	320
LEDs Total	1600
Min · Bend Radius	60mm
Product Weight	380g
Self Adhesive Brand	3M
Self Adhesive Model Number	55230H

Input

Input Voltage	24 - 24

Control

Dimmable	yes
Dimming Type	0-10V, TRIAC, PWM, DALI

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	1.44M
Current Typ · @Max Run Length	1.31 A
Max · Run Length	5 m
Wattage Max · @1 Metre	8 W
Wattage Typ · @1 Metre	7.2 W
Wattage Typ · @5 Metre	31.5 W
Wattage Typ · @Max Run Length	31.5 W

Protection

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Electrical Safety Class	III

Photometric Data

Wavelength	583.5nm
Lumens Per Metre	512 Lm/m
CCT	3000 - 3000
Bin Number	2
Colour Type	Single Colour
CRI	90
SDCM	<5
Lumen Total	2550Lm
Lumens Per Watt	64Lm/W
Luminous Intensity	124cd
Peak Luminous Intensity	124cd
R9 Value	63

Environment

Application Environment	DOMESTIC, HOPSITALITY, COMMERICAL
Body Material	PLASTIC
Ingress Protection (IP)	IP65
Interior or Exterior Use	INTERIOR

Efficiency

Energy Efficiency Class	G
L70B50	36000 Hours
L80B10	36000 Hours
L90B10	24000 Hours
LM80	6000Hours

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Lumen Maintenance Factor	0.9707
Rated Life	36000 Hours
Survival Factor	0.9
Switch Cycles	10000

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