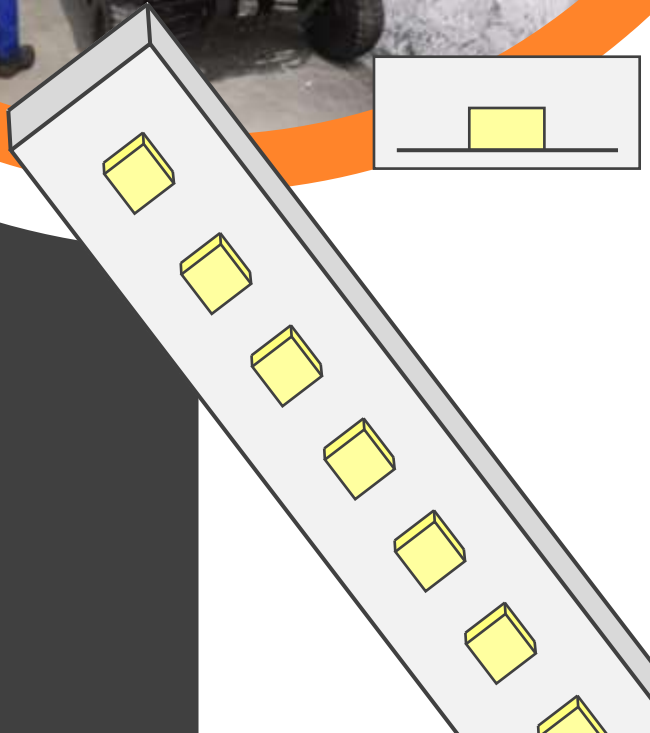


High Pressure Resistant

5YR  
Warranty



MODEL 6W-L10-48V DATA SHEET  
WHITE LED STRIP,  
6 W LOW-VOLTAGE 48 V, 6000 K,  
WITH SILICONE EXTRUSION



iluminaTronics

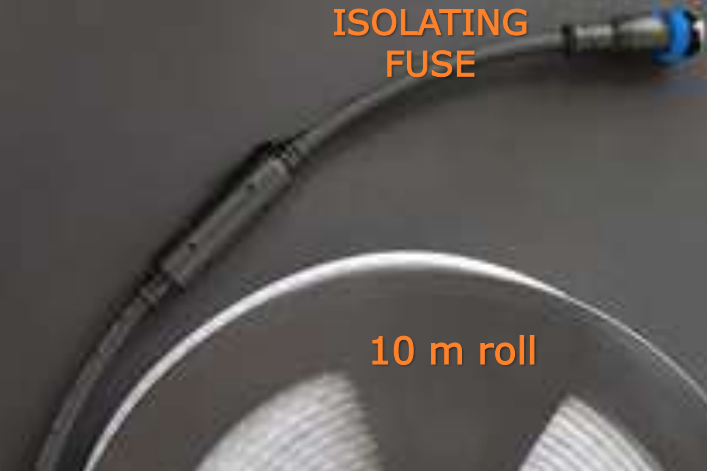


LED DRIVER

20 ISOLATING CLIPS



ISOLATING FUSE



20 CABLE TIES



AC CONNECTOR



10 m roll



LED STRIP KIT  
MODEL 6W-L10-48V



# LOW-VOLTAGE WHITE LED STRIP SPECIFICATIONS

## MODEL 6W-L10-48V

LOW-VOLTAGE WHITE LED STRIP DATA	MODEL: 6W-L10-48V
ELECTRICAL	
600 W / 48 VDC LED driver input voltage	Multi-voltage 110 VAC or 220 VAC 50/60 Hz
600 W / 48 VDC LED driver input voltage range	100 to 300 VAC 50/60 Hz
Current draw	0.8 A
Power factor (PF)	0.9
Power consumption per meter	6 W/m
Total set power	60 W
LED density	120 LEDs/m
LED package type	SMD 2835
PHOTOMETRICS	
Illuminance at 4 m mounting height	50-60 lux
Luminous flux (lm)	750 lm/m
Correlated color temperature (CCT)	White light 6000 K (optional warm white 3500 K)
Color rendering index (CRI)	>80
Beam angle	120°
Photometric files	IES file
TEMPERATURE AND OPERATING CONDITIONS	
Ambient operating temperature	-45°C to +50°C
Maximum test-point temperature	75°C
SERVICE LIFE	
Typical service life	>5 years
Service life in 24/7 operation	3 years
Rated LED strip life	>50,000 h
Estimated maintenance savings	>20% per year
CERTIFICATIONS AND STANDARDS	
Compliance markings	CE / TÜV / ROHS / NOM
LED strip ingress protection	IP68
Connector ingress protection	IP68
Connectors	Factory-fitted
Outer jacket	Halogen-free food-grade silicone
Flame-retardant	Yes
Overvoltage protection	Yes
Overtemperature protection	Yes
Isolator fuse	Yes
Compression resistance	Yes
Tensile strength	50 kg



# LOW-VOLTAGE WHITE LED STRIP SPECIFICATIONS MODEL 6W-L10-48V

LOW-VOLTAGE WHITE LED STRIP DATA	MODEL: 6W-L10-48V
PRODUCT DIMENSIONS	
Length	10 m roll
Connection configuration	Individual 10 m sections or linkable up to 50 m in series
LED strip dimensions	4 mm high x 14 mm wide
Cable cross-section	2 x 1 mm
Cable voltage rating	300/500 V
Weight per 10 m roll	1.20 kg
Included mounting accessories	Yes
LOGISTICS	
LED strip part number	6W-L10-48V
Master carton contents	12 kg (10 rolls of 10 m) + 3 kg LED driver 600 W / 48 V
Box dimensions (length x width x height)	40 x 40 x 30 cm
Gross box weight	15 kg
Volume	0.050 m <sup>3</sup>
Unit packaging	PVC zip bags
Master carton packaging	Cardboard box wrapped with stretch film





**5YR**  
Warranty



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