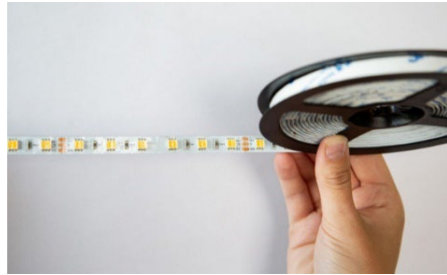


Datasheet

LED Strip Tunable White

Part No: 200408, 200409, 200410



About the product

LED strip with cool white and warm white light.

Technical Data

Power Supply	24VDC constant voltage, PWM dimmable		
Power Consumption	Total	WW	CW
	60W	30W	30W
	12W/m	6W/m	6W/m
Energy Efficiency (EU) 2017/1369	G		
Ambient Temperature	-25 ... 50°C / -13 ... 122°F		
Humidity	10 - 95% r.H. (non condensing)		
Safety Rating	IP20 (200408), IP65 (200409), IP68 (200410)		
Cuttable	Every 10cm / 3.94"		
Max. LED strip length	10m / 393.7"		

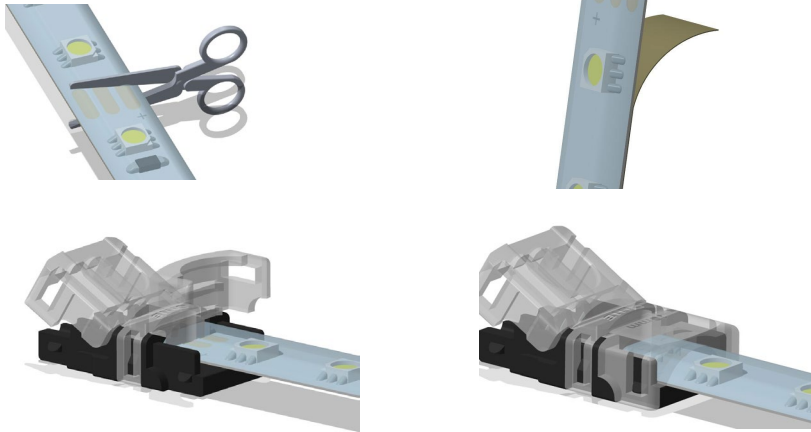
Light Properties

Colour Temperature	WW: 2900K (+/- 200K)
	CW: 6000K (+/- 200K)
Luminous Flux	3600lm
Colour Rendering Index (CRI)	80+
Luminous Efficiency	60lm/W
Beam Angle	120°

Connections

	Connection Cables	Connector
Wire cross-section	0.5mm ² / AWG22	0.5 ... 1mm ² / AWG22 ... AWG18
Temperature Resistance	max. 70°C / 158°F	max. 70°C / 158°F
Cable length	130mm / 5.12"	-
Type of Connector	-	Hippo-M
Wire Colours	Black: Plus (+) Yellow: WW (-) White: CW (-)	

Connecting Connector to LED Strip

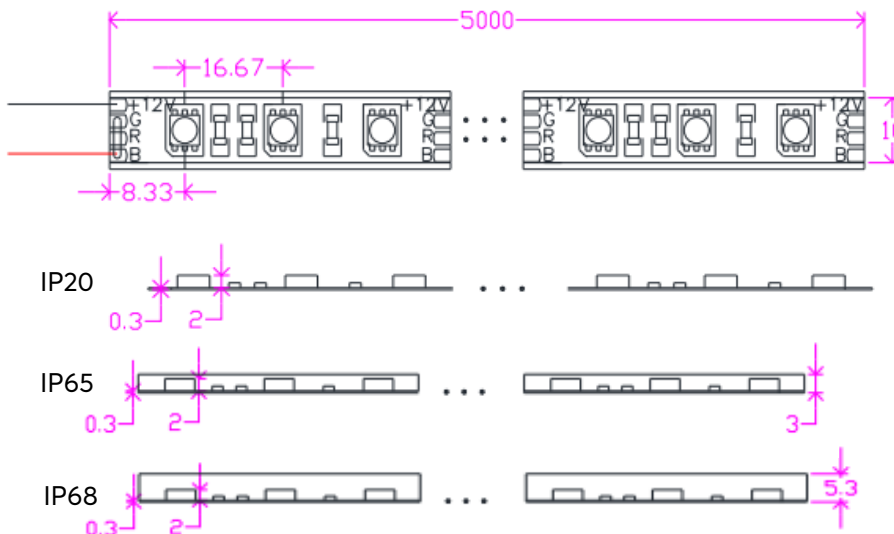


Connector to Wire



Weight & Dimensions

Net weight	IP20: 108g
	IP65: 220g
	IP68: 370g
Total weight	IP20: 146g
	IP65: 261g
	IP68: 423g
Product Dimensions	IP20: 5000x10x2mm / 196.85x0.39x0.08"
	IP65: 5000x10x3mm / 196.85x0.39x0.12"
	IP68: 5000x12x5.3mm / 196.85x0.47x0.21"



Pack size	IP20: 142x142x25.5mm / 5.59x5.59x1" (LxWxH)
	IP65: 160x160x25.5mm / 6.30x6.30x1" (LxWxH)
	IP68: 200x200x25.5mm / 7.87x7.87x1" (LxWxH)

Certifications & Standards

Certifications



300 high quality SMD LEDs (60 LEDs/m)

Long lasting and odor free silicone sleeve on IP65 & IP68

Extra strong adhesive tape on back for secure mounting

CAUTION: Heavy bending can damage LED strip

IP6 Strips:

For submerged applications please ensure that both ends of the strip are properly sealed.

It is not recommended to submerge the strip in salt water as the silicon will discolour over time.

Installation in close proximity, but not in direct contact with salt water has no adverse effects.

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Published by

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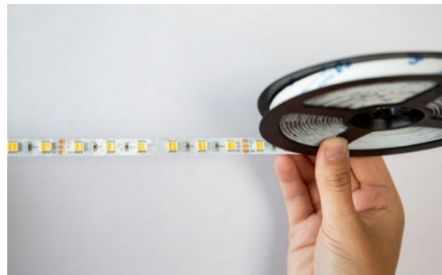
Theale, RG7 4R4

United Kingdom

Datenblatt

LED Streifen Tunable White

Art. Nr. 200408, 200409, 200410



Infos zum Produkt

LED Streifen mit kaltweißem und warmweißem Licht.

Technische Daten

Spannungsversorgung	24VDC Konstantspannung, PWM dimmbar		
Leistungsaufnahme	Gesamt	WW	CW
	60W	30W	30W
	12W/m	6W/m	6W/m
Energieeffizienz (EU) 2017/1369	G		
Umgebungstemperatur	-25 ... 50°C / -13 ... 122°F		
Luftfeuchtigkeit	10 - 95% r.H. (nicht kondensierend)		
Schutzart	IP20 (200408), IP65 (200409), IP68 (200410)		
Kürzbar	Alle 10cm / 3,94"		
Max. Länge LED Streifen	10m / 393,7"		

Lichteigenschaften

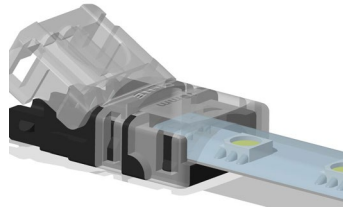
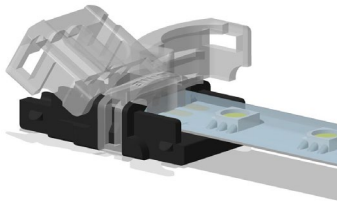
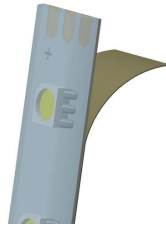
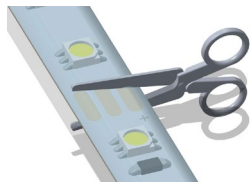
Farbtemperatur	WW: 2900K (+/- 200K)
	CW: 6000K (+/- 200K)
Lichtstrom	3600lm
Farbwiedergabeindex (CRI)	80+
Lichtausbeute	60lm/W
Abstrahlwinkel	120°

Anschlüsse

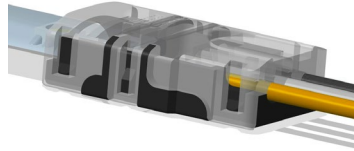
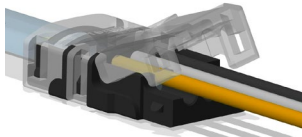
	Anschlussleitungen	Verbinder
Leiterquerschnitt	0,5mm ² / AWG22	0,5 ... 1mm ² / AWG22 ... AWG18
Temperaturbeständigkeit	max. 70°C / 158°F	max. 70°C / 158°F
Kabellänge	130mm / 5,12"	-
Verbindungstyp	-	Hippo-M
Aderfarben	Schwarz: Plus (+) Gelb: WW (-) Weiß: CW (-)	

Verbinden

Verbinder zu LED Streifen

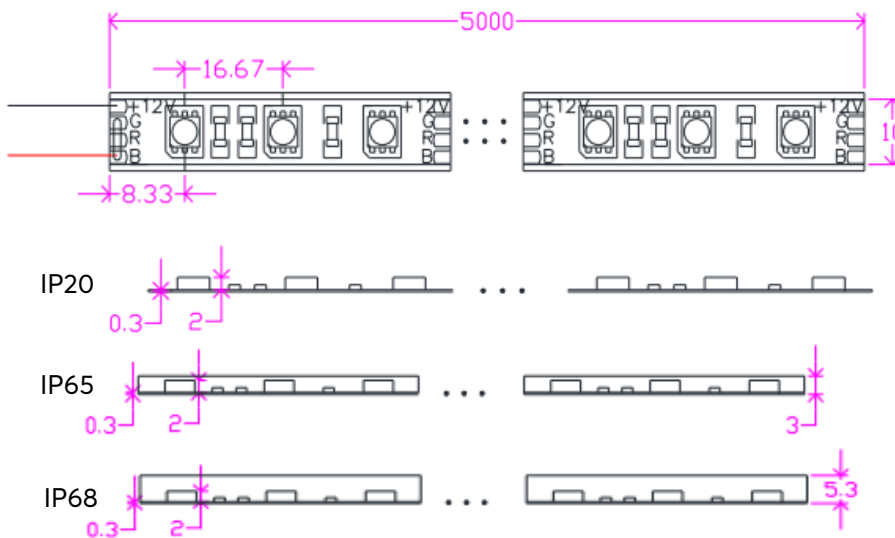


Verbinder zu Kabel



Gewicht & Abmessungen

Nettogewicht	IP20: 108g
	IP65: 220g
	IP68: 370g
Bruttogewicht	IP20: 146g
	IP65: 261g
	IP68: 423g
Produktmaße	IP20: 5000x10x2mm / 196,85x0,39x0,08"
	IP65: 5000x10x3mm / 196,85x0,39x0,12"
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Packmaß	IP20: 142x142x25,5mm / 5,59x5,59x1" (LxBxH)
	IP65: 160x160x25,5mm / 6,30x6,30x1" (LxBxH)
	IP68: 200x200x25,5mm / 7,87x7,87x1" (LxBxH)

Zertifizierungen & Standards

Zertifizierungen



300 qualitative SMD LED Chips (60LEDs/m)

langlebige, geruchs-neutrale Beschichtung (Bei IP65 und IP68)

Klebestreifen an der Unterseite zur Befestigung

ACHTUNG: Bei zu starkem knicken/biegen kommt es zur Verletzung der Leiterbahnen vom LED Streifen.

Bei Variante IP68:

Bei dauerhafter Verwendung in Wasser muss Anschluss und Ende des LED Streifen entsprechend abgedichtet werden.

Die Installation im Salzwasser wird nicht empfohlen, da es zu Verfärbungen des Silikons kommen kann.

Die Installation an Orten in der Nähe von Salzwasser stellt kein Problem dar.

Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

Veröffentlicht von Loxone Electronics GmbH

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