

## Datasheet

### LED Strip Tunable

### White IP65

### (splashproof)

Part No: 200409



#### About the product

The Tunable White LED strip is ideal for creating **different lighting scenes** in **cold white** and **warm white** light for **indirect lighting** in your building.

#### Features:

- 300 high-quality LED chips on 5 meters
- Adhesive strips on the underside for easy attachment
- High-quality and durable conductor tracks for increased resistance to kinking and to prevent heat build-up
- Resistant and odorless coating for the continuous maintenance of the protection class

#### Technical Data

|                                     |   |
|-------------------------------------|---|
| Power Supply                        | 24VDC constant voltage, PWM dimmable                |
| Power consumption                   | Total: 60W, 12W/m<br>WW: 30W, 6W/m<br>CW: 30W, 6W/m |
| Energy efficiency (EU)<br>2017/1369 | G   |
| Humidity                            | 10 ... 95 % RH (non-condensing)                     |
| Cuttable                            | Every 10cm / 3.94"                                  |
| Max. LED strip length               | 10m / 393.7"  |

#### Ambient Conditions

|             |                                |
|-------------|--------------------------------|
| Temperature | -25 ... 50 °C / -13 ... 122 °F |
|-------------|--------------------------------|

## Light Properties

|                              |  |
|------------------------------|--|
| Colour temperature           | WW: 2900K (+/- 200K)<br>CW: 6000K (+/- 200K) |
| Luminous flux                | 720lm/m                                      |
| Colour rendering index (CRI) | 80+  |
| Luminous Efficiency          | 60lm/W                                       |
| Beam angle                   | 120°   |

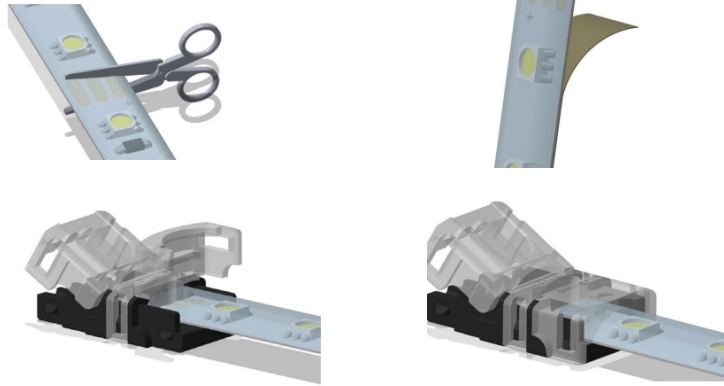
## Connections

|                        |  |
|------------------------|--|
| Wire cross-section     | Connection Cables: 0.5mm <sup>2</sup> / AWG22<br>Connector: 0.5 ... 1mm <sup>2</sup> / AWG22 ... AWG18 |
| Temperature resistance | Connection Cables: max. 70°C / 158°F<br>Connector: max. 70°C / 158°F                                   |
| Length                 | Connection Cables: 130mm / 5.12"<br>Connector: -   |
| Connector type         | Type of Connector: -<br>Connector: Hippo-M   |
| Wire colours           | Black: Plus (+)<br>Yellow: WW (-)<br>White: CW (-)   |

## Connection Diagram

Connection Diagram

### Connector to LED Strip



### Connector to Wire



## Weight & Dimensions

Net weight

220g

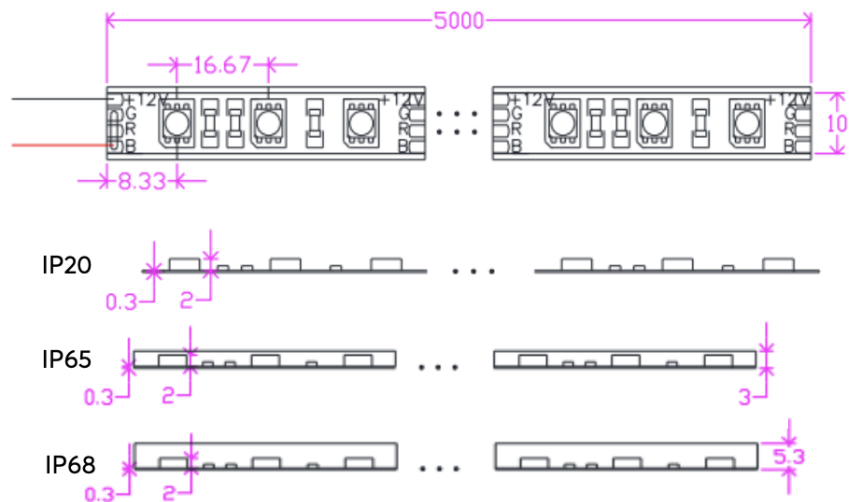
Total weight

261g

Product dimensions

5000x10x3mm - 196.85x0.39x0.12"

Product dimensions drawing



Pack size

160x160x25.5mm / 6.30x6.30x1" (LxWxH)

## Certifications & Standards

specification\_name.safety\_rating IP65

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Certifications



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

### Published by

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# Datenblatt

## LED Streifen Tunable White IP65 (spritzwasserfest)

Part No: 200409



### Über das Produkt

Der LED Streifen Tunable White eignet sich optimal zur Realisierung von **unterschiedlichen Lichtszenen** in **kaltweißen** und **warmweißen** Licht zur **Indirektbeleuchtung** in deinem Gebäude.

#### Features:

- 300 qualitativ hochwertige LED Chips auf 5 Meter
- Klebestreifen an der Unterseite für eine einfache Befestigung
- Hochwertige und langlebige Leiterbahnen für erhöhte Knicksicherheit und zur Vermeidung von Wärmeentwicklung
- Beständige und geruchsneutrale Beschichtung für den fortlaufenden Erhalt der Schutzklasse

### Technische Daten

|                                    |  |
|------------------------------------|--|
| Spannungsversorgung                | 24VDC Konstantspannung, PWM dimmbar                  |
| Leistungsaufnahme                  | Gesamt: 60W, 12W/m<br>WW: 30W, 6W/m<br>CW: 30W, 6W/m |
| Energieeffizienz (EU)<br>2017/1369 | G  |
| Luftfeuchtigkeit                   | 10 ... 95 % r. F. (nicht kondensierend)              |
| Kürzbar                            | Alle 10cm / 3,94"                                    |
| Max. Länge LED Streifen            | 10m / 393.7"   |

### Umgebungsbedingungen

|            |                                |
|------------|--------------------------------|
| Temperatur | -25 ... 50 °C / -13 ... 122 °F |
|------------|--------------------------------|

## Lichteigenschaften

|                           |  |
|---------------------------|--|
| Farbtemperatur            | WW: 2900K (+/- 200K)<br>CW: 6000K (+/- 200K) |
| Lichtstrom                | 720lm/m                                      |
| Farbwiedergabeindex (CRI) | 80+  |
| Lichtausbeute             | 60lm/W                                       |
| Strahlwinkel              | 120°   |

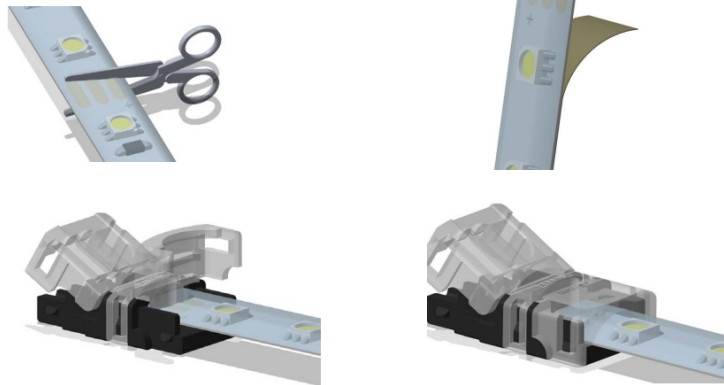
## Anschlüsse

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

# Anschlussplan

Anschlussplan

## Connector to LED Strip



## Connector to Wire



## Gewicht & Abmessungen

|                     |  |
|---------------------|--|
| Nettogewicht        | 220g   |
| Bruttogewicht       | 261g   |
| Produktmaße         | 5000x10x3mm - 196.85x0.39x0.12"  |
| Produktmaßzeichnung | <p>The technical drawing shows a top view of the connector strip with a total length of 5000mm. The width is 10mm and the height is 3mm. The pin pitch is 16.67mm. The first pin is 8.33mm from the left edge. The pin configurations are as follows:</p> <ul style="list-style-type: none"> <li><b>IP20:</b> Pin 1 (0.3mm height), Pin 2 (2mm height), Pin 3 (0.3mm height), Pin 4 (2mm height), Pin 5 (0.3mm height), Pin 6 (2mm height), Pin 7 (0.3mm height), Pin 8 (2mm height).</li> <li><b>IP65:</b> Pin 1 (0.3mm height), Pin 2 (2mm height), Pin 3 (0.3mm height), Pin 4 (2mm height), Pin 5 (0.3mm height), Pin 6 (2mm height), Pin 7 (0.3mm height), Pin 8 (2mm height), Pin 9 (3mm height).</li> <li><b>IP68:</b> Pin 1 (0.3mm height), Pin 2 (2mm height), Pin 3 (0.3mm height), Pin 4 (2mm height), Pin 5 (0.3mm height), Pin 6 (2mm height), Pin 7 (0.3mm height), Pin 8 (2mm height), Pin 9 (5.3mm height).</li> </ul> |
| Packmaß             | 160x160x25.5mm / 6.30x6.30x1" (LxWxH)  |

## Zertifizierungen & Standards

specification\_name.safety\_rating IP65

Zertifizierungen



Die Installation muss von einer qualifizierten Elektrofachkraft gemäß den einschlägigen Vorschriften durchgeführt werden.

### Veröffentlicht von

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