
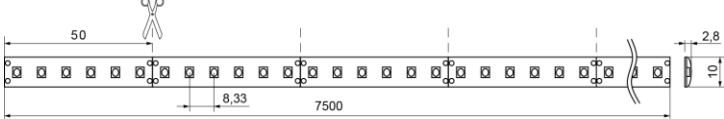





Flexible LED-Leiterplatten

 **QC WAVE 24Vdc / 20W/m**



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------------------------------|-----------------------------------|-------|--------------------------------|-------|---------------------------------------|----------|--|-------------------|--|------|-------------------------------|------|------------------------------|-----|--|---------------|------------------------------|------|---|--------------------|------------------------------|---------------|------------------------------------|------|---|---------|--------------------|------------------------------------|
| Drees GmbH Sundern / GERMANY | Flexible Leiterplatte QC WAVE 542-033-xx00 | Kategorie: Flexible LED-Leiterplatten | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2019-03-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | R003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Flexible Leiterplatte integrierte Konstantstromquelle, 7500mm lang, Aderenden verzinkt, 300mm Anschlussleitung Flexible PCB, integrated constant current source, length 7500mm, cable end tin-plated, 300mm connecting cable</p> <p style="text-align: right;">    </p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Technische Daten / specifications:</p> <table> <tr> <td>Eingangsspannung input voltage</td> <td>24Vdc</td> </tr> <tr> <td>Eingangsstrom input current</td> <td>0,84A</td> </tr> <tr> <td>Leistung pro Meter power per meter</td> <td>typ. 20W</td> </tr> <tr> <td>Anzahl der LED pro Meter LED quantity per meter</td> <td>120 - (900 total)</td> </tr> <tr> <td>LED-Bestromung current for each LED</td> <td>40mA</td> </tr> <tr> <td>Schutzart protection class</td> <td>IP62</td> </tr> <tr> <td>Schutzklasse safety class</td> <td>III</td> </tr> <tr> <td>Umgebungstemperatur (t_A) ambient temperature (t_A)</td> <td>-20°C – +45°C</td> </tr> <tr> <td>Abstrahlwinkel beam angle</td> <td>120°</td> </tr> <tr> <td>Abmessungen (LxBxH) dimensions (LxWxH)</td> <td>7.500 x 10 x 2,8mm</td> </tr> <tr> <td>Trennbarkeit cutting unit</td> <td>6 LEDs / 50mm</td> </tr> <tr> <td>min. Biegeradius minimal radius</td> <td>60mm</td> </tr> <tr> <td>max. Länge einseitige Einspeisung max. length with one input</td> <td>7.500mm</td> </tr> <tr> <td>Zuleitung cable</td> <td>300mm, AWG18 / 0,75mm²</td> </tr> </table> | | | Eingangsspannung input voltage | 24Vdc | Eingangsstrom input current | 0,84A | Leistung pro Meter power per meter | typ. 20W | Anzahl der LED pro Meter LED quantity per meter | 120 - (900 total) | LED-Bestromung current for each LED | 40mA | Schutzart protection class | IP62 | Schutzklasse safety class | III | Umgebungstemperatur (t _A) ambient temperature (t _A) | -20°C – +45°C | Abstrahlwinkel beam angle | 120° | Abmessungen (LxBxH) dimensions (LxWxH) | 7.500 x 10 x 2,8mm | Trennbarkeit cutting unit | 6 LEDs / 50mm | min. Biegeradius minimal radius | 60mm | max. Länge einseitige Einspeisung max. length with one input | 7.500mm | Zuleitung cable | 300mm, AWG18 / 0,75mm ² |
| Eingangsspannung input voltage | 24Vdc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eingangsstrom input current | 0,84A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leistung pro Meter power per meter | typ. 20W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anzahl der LED pro Meter LED quantity per meter | 120 - (900 total) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LED-Bestromung current for each LED | 40mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schutzart protection class | IP62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schutzklasse safety class | III | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Umgebungstemperatur (t _A) ambient temperature (t _A) | -20°C – +45°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abstrahlwinkel beam angle | 120° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abmessungen (LxBxH) dimensions (LxWxH) | 7.500 x 10 x 2,8mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trennbarkeit cutting unit | 6 LEDs / 50mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| min. Biegeradius minimal radius | 60mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Länge einseitige Einspeisung max. length with one input | 7.500mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zuleitung cable | 300mm, AWG18 / 0,75mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Folgende Angaben bei $t_c = 25^\circ\text{C}$ / following information at $t_c = 25^\circ\text{C}$

| LED Farbe LED colour | Farbtemperatur colour temperature | SDCM SDCM | CRI CRI | Lichtstrom der LEDs/m luminous flux LEDs/m | Artikelnummer item number |
|------------------------------|--------------------------------------|--------------|------------|---|------------------------------|
| cosy white | typ. 2700K | 3 step | 83 | typ. 2040lm | 542-033-2700 |
| warmweiß warm white | typ. 3500K | 3 step | 83 | typ. 2040lm | 542-033-3400 |
| neutralweiß neutral white | typ. 4000K | 3 step | 83 | typ. 2160lm | 542-033-4100 |
| kaltweiß cool white | typ. 6000K | 3 step | 83 | typ. 2160lm | 542-033-5500 |

Toleranz von Lichtstrom, Strom und Leistung beträgt $\pm 10\%$. Es ist für eine ausreichende Kühlung sowie Belüftung der Leiterplatte zu sorgen. Wir empfehlen die Montage auf Aluminiumprofilen.

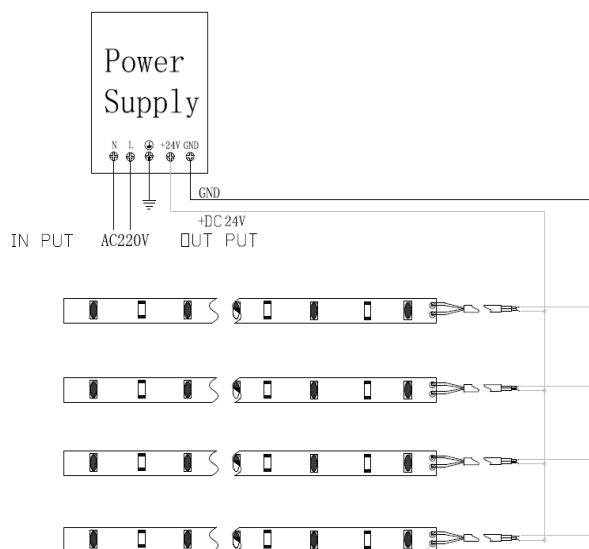
Tolerance of luminous flux, current and power is $\pm 10\%$. A good cooling and ventilation of the PCB is recommended. We advise to assemble the PCB onto aluminum profiles.

****Die Angaben zum Lichtstrom beziehen sich auf unvergossene LED-Leiterplatten. Der Transmissionsgrad des Silikon-Vergusses liegt bei den Produkten der Serie QC WAVE bei 80%**

****The information about luminous flux refers to non-encapsulated LED PCBs. For the silicon potting of the products of the QC WAVE series the transmission factor is 80%.**

Bitte Montageanleitung beachten.

Please refer to instruction manual.

Verdrahtungsplan / connection diagram

Ökodesign-Richtlinie / ecodesign directive

Einstufung durchgeführt gemäß 2009/125/EG
 classification according to 2009/125/EC

Energieeffizienzklasse **A+**
 energy efficiency class