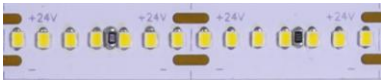




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|---|--|---------------------------------------|-----------------------------------|-------|---|------|---------------------------------|----------------|------------|------|-------------------------------|------|--------------------------|---------------|----------------|-----|---------------------|-----------|---------------------------|-----------------------|--|---------------|--|------|
| Drees GmbH Sundern / GERMANY | BRILLIANT 541-219-XXXX | Kategorie: Flexible LED-Leiterplatten | | | | | | | | | | | | | | | | | | | | | | |
| | | 29.08.2023 | | | | | | | | | | | | | | | | | | | | | | |
| | | R001 | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BRILLIANT BASIC 24W/m, 24Vdc, einfarbig Flexible LED-Leiterplatte mit SMD-2216-LED, 5000 mm lang, rückseitig 3M-Klebeband, Aderenden verzinkt, beidseitig 350 mm Anschlussleitung BRILLIANT BASIC 24W/m, 24Vdc, single colour Flexible LED PCB with SMD-2216-LED, length 5000 mm, 3M-tape on the reverse side, cable end tin-plated, both-sided 350 mm 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>Nennleistung* (Pon in W) rated power</td> <td>120W</td> </tr> <tr> <td>Nennleistung/m rated power/m</td> <td>24,0W 24.0W</td> </tr> <tr> <td>CRI CRI</td> <td>90Ra</td> </tr> <tr> <td>Halbwertswinkel beam angle</td> <td>120°</td> </tr> <tr> <td>Lebensdauer life time</td> <td>L80B10>36000h</td> </tr> <tr> <td>LED/m LED/m</td> <td>280</td> </tr> <tr> <td>Dimmbar dimmable</td> <td>Ja YES</td> </tr> <tr> <td>Abmessungen dimensions</td> <td>(LxBxH) 5000x10x0,8mm</td> </tr> <tr> <td>Umgebungstemperatur (t_A) ambient temperature (t_A)</td> <td>-20°C – +50°C</td> </tr> <tr> <td>Temperaturpunkt T_c temperature point T_c</td> <td>75°C</td> </tr> </table> | | | Eingangsspannung input voltage | 24Vdc | Nennleistung* (Pon in W) rated power | 120W | Nennleistung/m rated power/m | 24,0W 24.0W | CRI CRI | 90Ra | Halbwertswinkel beam angle | 120° | Lebensdauer life time | L80B10>36000h | LED/m LED/m | 280 | Dimmbar dimmable | Ja YES | Abmessungen dimensions | (LxBxH) 5000x10x0,8mm | Umgebungstemperatur (t _A) ambient temperature (t _A) | -20°C – +50°C | Temperaturpunkt T _c temperature point T _c | 75°C |
| Eingangsspannung input voltage | 24Vdc | | | | | | | | | | | | | | | | | | | | | | | |
| Nennleistung* (Pon in W) rated power | 120W | | | | | | | | | | | | | | | | | | | | | | | |
| Nennleistung/m rated power/m | 24,0W 24.0W | | | | | | | | | | | | | | | | | | | | | | | |
| CRI CRI | 90Ra | | | | | | | | | | | | | | | | | | | | | | | |
| Halbwertswinkel beam angle | 120° | | | | | | | | | | | | | | | | | | | | | | | |
| Lebensdauer life time | L80B10>36000h | | | | | | | | | | | | | | | | | | | | | | | |
| LED/m LED/m | 280 | | | | | | | | | | | | | | | | | | | | | | | |
| Dimmbar dimmable | Ja YES | | | | | | | | | | | | | | | | | | | | | | | |
| Abmessungen dimensions | (LxBxH) 5000x10x0,8mm | | | | | | | | | | | | | | | | | | | | | | | |
| Umgebungstemperatur (t _A) ambient temperature (t _A) | -20°C – +50°C | | | | | | | | | | | | | | | | | | | | | | | |
| Temperaturpunkt T _c temperature point T _c | 75°C | | | | | | | | | | | | | | | | | | | | | | | |

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

| Farbtemperatur | Lichtstrom/m | LED Farbe | Artikelnr |
|----------------|-----------------|------------------------------|--------------|
| CCT | luminous flux/m | LED colour | item number |
| 2700K | 2650lm | cosy white | 541-219-2700 |
| 3000K | 2760lm | warmweiß warm white | 541-219-3000 |
| 4000K | 2880lm | neutralweiß neutral white | 541-219-4000 |
| 6500K | 2880lm | kaltweiß cool white | 541-219-6500 |





* Aufgrund des Spannungsfalls über die Länge der Leiterplatte, nimmt die Gesamtleistung der Leiterplatte mit zunehmender Länge ab und differiert von der theoretischen Leistungsangabe (120W).

* Due to the voltage drop over the length of the PCB, power over all decreases with increasingly length and differs to the theoretical power rating (120W).

Es ist für eine ausreichende Kühlung sowie Belüftung der Leiterplatte zu sorgen. Wir empfehlen die Montage auf Aluminiumprofilen.

A good cooling and ventilation of the PCB is recommended. We advise to assemble the PCB onto aluminum profiles.

Ökodesign-Richtlinie / ecodesign directive

| Art-Nr. | Lichtquelle | Energieeffizienzklasse |
|-----------------------------|---|---|
| item no. | Light source | energy efficiency class |
| 541-219-2700 541-219-2700 | https://eprel.ec.europa.eu/qr/1021725 |  |
| 541-219-3000 541-219-3000 | https://eprel.ec.europa.eu/qr/1021721 |  |
| 541-219-4000 541-219-4000 | https://eprel.ec.europa.eu/qr/824469 |  |
| 541-219-6500 541-219-6500 | https://eprel.ec.europa.eu/qr/1021719 |  |