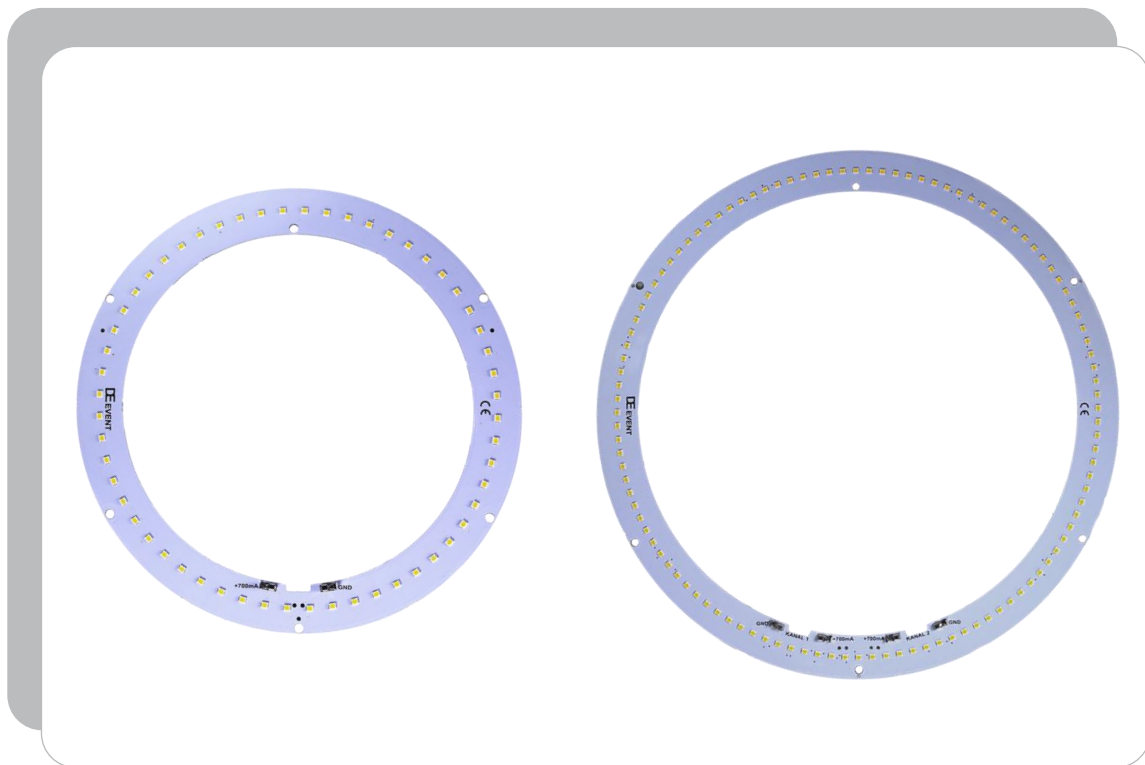
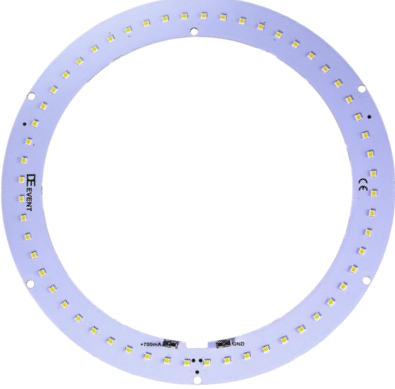
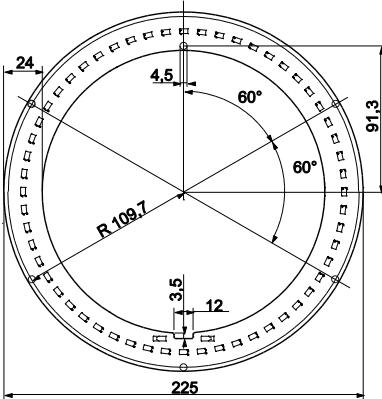





LED-Leiterplatten

 **SMD-FR4-Leiterplatten EVENT, Ø225x24mm; Ø300x24mm**



| | | |
|---|--|---|
| Drees GmbH Sundern / GERMANY | SMD-FR4-Leiterplatten Ø 225mm/24mm, Ø 300mm/24mm 564-128-xxxx 564-129-xxxx 564-130-xxxx | Kategorie: LED-Leiterplatten 2023-11-13 R002 |
| | 564-129-xxxx | 564-130-xxxx |
| |  |  |
| <p>SMD-FR4-Leiterplatte Ø 225mm/24mm, 2x 1-polige AVX SMD Klemme SMD-FR4-Leiterplatte Ø 300mm/24mm, 2- kanalig, 2x2 1-polige AVX SMD Klemme. Beide Kanäle können separat geschaltet und gedimmt werden. SMD-FR4-PCB Ø 225mm 2x 1-pole AVX SMD terminal SMD-FR4-PCB Ø 300mm, 2-channel , 2x2 1-pole AVX SMD terminal. For each channel separate switching and dimming is possible.</p> <p style="text-align: right;">IP00   </p> | | |
| Technische Daten / specifications: | | |
| LED-Typ LED type | SMD LED 2835HE, 56 je Kanal SMD LED 5630, 56 per channel | |
| Eingangsstrom input current | typ. 700mA (je Kanal) | |
| Vorwärtsspannung forward voltage | max. 24,8Vdc (je Kanal) | |
| Abstrahlwinkel beam angle | 120° | |
| Dimmbarkeit dimmbility | dimmbar dimmbable | |
| Umgebungstemperatur (ta) ambient temperature (ta) | -20°C – +45°C | |
| Gehäusetemperatur (tc) case temperature (tc) | max. 65°C | |
| Schutzklasse safety class | III | |
| Schutzart protection class | IP00 | |
| Material /-stärke material / thickness | FR4 / 1,5mm (+/- 10%) FR4 / 1,5mm (+/- 10%) | |
| Abmessungen (Ø- Außen/ B) dimensions (Ø – outer/ W) | Ø 225mm/ 24mm, Ø 300mm/ 24mm | |

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

| $\varnothing \times B$ $\varnothing \times W$ | LED-Anzahl LED quantity | Eingangsstrom input current | typ. Nennleistung / Vf typ. rated power / Vf | | Lichtstrom luminous flux | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|--|----------------------------|-----------------------------------|---|--|--|---------------------------|------------|-------------------------|
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 2700K | >80 | 564-128-2700 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1344lm ca. 1971lm ca. 2688lm ca. 3942lm | typ. 3000K | >80 | 564-128-3000 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 4000K | >80 | 564-128-4000 |

| $\varnothing \times B$ $\varnothing \times W$ | LED-Anzahl LED quantity | Eingangsstrom input current | typ. Nennleistung / Vf typ. rated power / Vf | | Lichtstrom luminous flux | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|--|----------------------------|-----------------------------------|---|--|--|---------------------------|------------|-------------------------|
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 2700K | >80 | 564-129-2700 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1344lm ca. 1971lm ca. 2688lm ca. 3942lm | typ. 3000K | >80 | 564-129-3000 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 4000K | >80 | 564-129-4000 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 5000K | >80 | 564-129-5000 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 6500K | >80 | 564-129-6500 |

| $\varnothing \times B$ $\varnothing \times W$ | LED-Anzahl LED quantity | Eingangsstrom input current | typ. Nennleistung / Vf typ. rated power / Vf | | Lichtstrom luminous flux | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|--|----------------------------|-----------------------------------|---|--|--|---------------------------|------------|-------------------------|
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1176lm ca. 1724lm ca. 2352lm ca. 3449lm | typ. 2700K | >90 | 564-129-2701 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1176lm ca. 1724lm ca. 2352lm ca. 3449lm | typ. 3000K | >90 | 564-129-3001 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 4000K | >90 | 564-129-4001 |

| Ø x B Ø x W | LED-Anzahl LED quantity | Eingangsstrom/ je Kanal input current/per channel | typ. Nennleistung / Vf je Kanal typ. rated power Vf/per channel | | Lichtstrom je Kanal luminous flux per channel | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|----------------|----------------------------|--|--|--|--|---------------------------|------------|-------------------------|
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 2700K | >80 | 564-129-2765 |
| 225 x 24mm | 56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 6500K | >80 | |

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

| Ø x B Ø x W | LED-Anzahl LED quantity | Eingangsstrom/ je Kanal input current/per channel | typ. Nennleistung / Vf je Kanal typ. rated power Vf/per channel | | Lichtstrom je Kanal luminous flux per channel | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|----------------|----------------------------|--|--|--|--|---------------------------|------------|-------------------------|
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 2700K | >80 | 564-130-2700 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1344lm ca. 1971lm ca. 2688lm ca. 3942lm | typ. 3000K | >80 | 564-130-3000 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 4000K | >80 | 564-130-4000 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 5000K | >80 | 564-130-5000 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1428lm ca. 2094lm ca. 2856lm ca. 4188lm | typ. 6500K | >80 | 564-130-6500 |

| Ø x B Ø x W | LED-Anzahl LED quantity | Eingangsstrom/ je Kanal input current/per channel | typ. Nennleistung / Vf je Kanal typ. rated power Vf/per channel | | Lichtstrom je Kanal luminous flux per channel | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|----------------|----------------------------|--|--|--|--|---------------------------|------------|-------------------------|
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1176lm ca. 1724lm ca. 2352lm ca. 3449lm | typ. 2700K | >90 | 564-130-2701 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1176lm ca. 1724lm ca. 2352lm ca. 3449lm | typ. 3000K | >90 | 564-130-3001 |
| 300 x 24mm | 2x56 | 350mA 500mA 700mA 1050mA | 7,8W 11,4W 16,7W 25,7W | 22,4Vdc 22,8Vdc 23,8Vdc 24,8Vdc | ca. 1260lm ca. 1848lm ca. 2520lm ca. 3696lm | typ. 4000K | >90 | 564-130-4001 |

| Ø x B Ø x W | LED-Anzahl LED quantity | Eingangsstrom/ je Kanal input current/per channel | typ. Nennleistung / Vf je Kanal typ. rated power Vf/per channel | | Lichtstrom je Kanal luminous flux per channel | Farbtemp. colour temp. | CRI CRI | Artikel-Nr. item no. |
|----------------|----------------------------|--|--|---------|--|---------------------------|------------|-------------------------|
| 300 x 24mm | 56 | 350mA | 7,8W | 22,4Vdc | ca. 1260lm | typ. 2700K | >80 | 564-130-2765 |
| | | 500mA | 11,4W | 22,8Vdc | ca. 1848lm | | | |
| | | 700mA | 16,7W | 23,8Vdc | ca. 2520lm | | | |
| | | 1050mA | 25,7W | 24,8Vdc | ca. 3696lm | | | |
| 300 x 24mm | 56 | 350mA | 7,8W | 22,4Vdc | ca. 1428lm | typ. 6500K | >80 | |
| | | 500mA | 11,4W | 22,8Vdc | ca. 2094lm | | | |
| | | 700mA | 16,7W | 23,8Vdc | ca. 2856lm | | | |
| | | 1050mA | 25,7W | 24,8Vdc | ca. 4188lm | | | |

Bei Einbau der Leiterplatte muss darauf geachtet werden, dass eine ausreichende Wärmeableitung stattfinden kann.

When installing the PCB sufficient heat dissipation has to be guaranteed.

Ökodesign-Richtlinie / ecodesign directive

Einstufung durchgeführt gemäß
classification according to

2009/125/EG
2009/125/EC

Energieeffizienzklasse
energy efficiency class

A+

