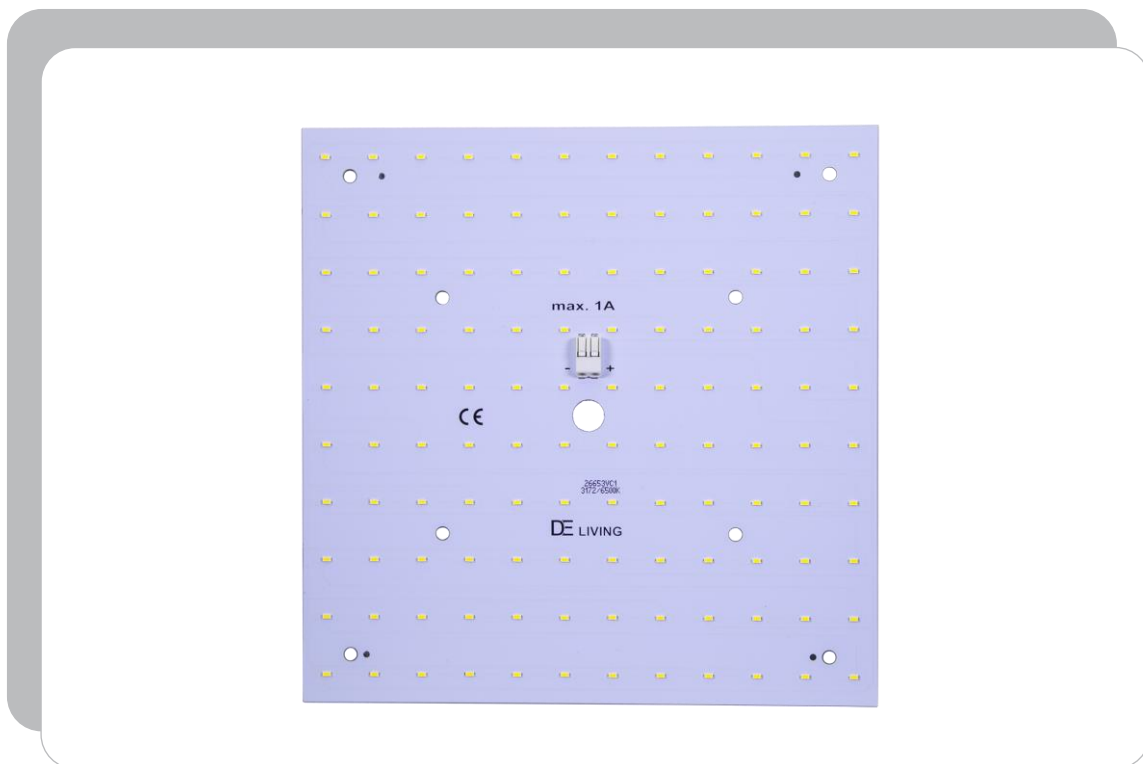
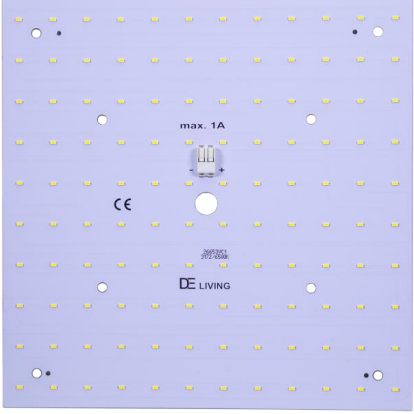
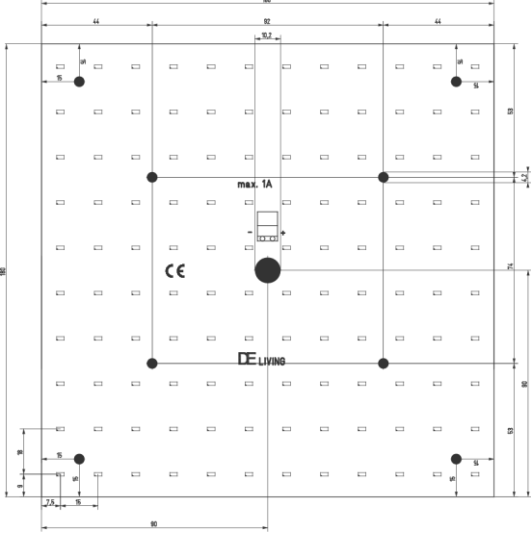


## LED-Leiterplatten

### SMD-FR4-Leiterplatte LIVING, 180x180mm



|  |  |                              |
|--|--|------------------------------|
| <b>Drees GmbH</b><br><b>Sundern/ GERMANY</b>   | <b>SMD-FR4-Leiterplatte</b><br><b>LIVING</b><br><b>180x180mm,</b><br><b>571-301-xxxx</b> | Kategorie: LED-Leiterplatten |
|  |  | 2017-08-09                   |
|  |  | R003                         |
|   |        |                              |
| <p>SMD-FR4-Leiterplatte für Konstantstrom, 2-polige Klemmenleiste mit CAGE CLAMP®S-Anschlussstechnik<br/>       SMD-FR4-PCB for constant current, 2-pole terminal strip with CAGE CLAMP®S connection</p> <p style="text-align: right;">IP00 III CE</p> |  |                              |
| <b>Technische Daten / specifications:</b>  |  |                              |
| Typ / Anzahl LED<br>LED type / quantity  | Edison ET-3014 0,2W / insg. 120Stk.<br>Edison ET-3014 0,2W / total 120pcs.               |                              |
| Eingangsstrom<br>input current   | 350mA - 1000mA   |                              |
| Spannungsaufnahme<br>voltage consumption   | max. 32Vdc   |                              |
| Abstrahlwinkel<br>beam angle   | 120°   |                              |
| Dimmbarkeit<br>dimmability   | dimmbar<br>dimmable  |                              |
| Umgebungstemperatur (ta)<br>ambient temperature (ta)   | -20°C – +45°C  |                              |
| Gehäusetemperatur (tc)<br>case temperature (tc)  | max. 65°C  |                              |
| Schutzklasse<br>safety class   | III  |                              |
| Schutzart<br>protection class  | IP00   |                              |
| Abmessungen (axb)<br>dimensions (axb)  | 180 x 180mm  |                              |
| Material /-stärke  | FR4 / 1,5mm  |                              |

material / thickness

 Leitungsquerschnitt Klemmenleiste 0,2 - 0,75mm<sup>2</sup>  
 conductor cross section terminal strip

 Abisolierlänge 7...9mm  
 stripping length 0,28...0,35in

 Empfohlenes Netzgerät 556-086-50 (700mA, max.30W)  
 recommended power supply 556-133-50 (700mA, max.30W, primär dimmbar)

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

| Farbtemperatur<br>colour temperature | CRI<br>CRI | Strom<br>Current | ges. LED Leistung<br>LED power over all | Lichtstrom<br>luminous flux | Artikelnummer<br>article number |
|--------------------------------------|------------|------------------|---|-----------------------------|---------------------------------|
| typ. 3000K                           | >80        | 350mA            | typ. 10W                                | typ. 1580lm                 | 571-301-3000                    |
|                                      |            | 500mA            | typ. 15W                                | typ. 2100lm                 |                                 |
|                                      |            | 700mA            | typ. 22W                                | typ. 2700lm                 |                                 |
|                                      |            | 1000mA           | typ. 32W                                | typ. 3740lm                 |                                 |
| typ. 4000K                           | >80        | 350mA            | typ. 10W                                | typ. 1700lm                 | 571-301-4000                    |
|                                      |            | 500mA            | typ. 15W                                | typ. 2300lm                 |                                 |
|                                      |            | 700mA            | typ. 22W                                | typ. 2900lm                 |                                 |
|                                      |            | 1000mA           | typ. 32W                                | typ. 3760lm                 |                                 |
| typ. 6500K                           | >80        | 350mA            | typ. 10W                                | typ. 1584lm                 | 571-301-6500                    |
|                                      |            | 500mA            | typ. 15W                                | typ. 2160lm                 |                                 |
|                                      |            | 700mA            | typ. 22W                                | typ. 2736lm                 |                                 |
|                                      |            | 1000mA           | typ. 32W                                | typ. 3744lm                 |                                 |

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 2009/125/EG  
 classification according to 2009/125/EC

 Energieeffizienzklasse **A+**  
 energy efficiency class