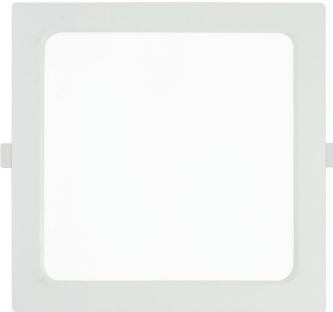


PRODUCT NO. 5095-140120

**DOTLUX LED recessed panel SQUAREeco IP20 18W 4000K 224x224mm**



to the product page

- Flat design with integrated power supply unit enables use even in difficult installation locations
- Backlight technology with robust aluminum core board and good thermal management
- Wide housing rebate covers inaccurately cut installation openings
- Sturdy mounting clips ensure a secure hold and gentle installation

|                                    |   |  |                          |
|------------------------------------|---|--|--------------------------|
| <b>PRODUCT GROUP</b>               | EC001744_Downlight/Strahler/Flutlicht                     |  |                          |
| <b>SUCCESSION ARTICLE</b>          | -   | <b>BEAM ANGLE</b>                          | 120                      |
| <b>PREDECESSOR ARTICLE</b>         | 1963-1 1963-030120 1963-040120<br>1963-0FW120 5095-040120 | <b>PROTECTION CLASS (IP)</b>               | IP20                     |
| <b>WEIGHT IN KG</b>                | 0.22  | <b>LIGHT COLOR</b>                         | white                    |
| <b>LUMEN PER WATT</b>              | 108   | <b>INPUT VOLTAGE</b>                       | 220 - 240 AC             |
| <b>POWER CONSUMPTION IN WATTS</b>  | 18  | <b>SERVICE LIFE</b>                        | approx. 30.000 h at 25°C |
| <b>NET LUMINOUS FLUX IN LUMENS</b> | 1950  | <b>COLOR TEMPERATURE IN KELVIN</b>         | 4000                     |
|                                    |   | <b>COLOR-RENDERING-INDEX</b>               | CRI > 82                 |
|                                    |   | <b>POWER FACTOR</b>                        | 0,7                      |
|                                    |   | <b>IK PROTECTION</b>                       | IK03                     |
|                                    |   | <b>LUMEN PER WATT</b>                      | 108                      |
|                                    |   | <b>PROTECTION CLASS</b>                    | II                       |
|                                    |   | <b>VOLTAGE TYPE</b>                        | AC                       |
|                                    |   | <b>HOUSING COLOUR</b>                      | white                    |
|                                    |   | <b>SUITED FOR EMERGENCY LIGHTING</b>       | No                       |
|                                    |   | <b>SWITCH CYCLES</b>                       | > 40.000                 |
|                                    |   | <b>INSTALLATION OPENING WIDTH IN MM</b>    | 190                      |
|                                    |   | <b>INSTALLATION OPENING DIAMETER IN MM</b> | 190-200                  |
|                                    |   | <b>INSTALLATION OPENING LENGHT IN MM</b>   | 190                      |
|                                    |   | <b>WARRANTY IN YEARS</b>                   | 2                        |
|                                    |   | <b>L80/B10</b>                             | 20000                    |
|                                    |   | <b>SUITABLE FOR SURFACE MOUNTING</b>       | No                       |
|                                    |   | <b>SUITABLE FOR MOUNTING</b>               | Yes                      |
|                                    |   | <b>DIMMING WITHOUT DIMMER</b>              | No                       |
| <b>Dimensions</b>                  |   |  |                          |
| <b>height:</b>                     | 28mm  |  |                          |
| <b>length:</b>                     | 224mm   |  |                          |
| <b>width:</b>                      | 224mm   |  |                          |

|  |   |
|--|---|
| <b>ENABLED LICENSED PRODUCT</b>  | Yes                                     |
| <b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>                    | not required                            |
| <b>LIFETIME L80/B10 AT 25°C</b>  | 20000                                   |
| <b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>                                       | 35000                                   |
| <b>WITH ILLUMINANT</b>   | Yes                                     |
| <b>SUITABLE FOR WALL MOUNTING</b>  | No                                      |
| <b>SUITABLE FOR SUSPENDED MOUNTING</b>   | No                                      |
| <b>SUITABLE FOR CEILING MOUNTING</b>   | Yes                                     |
| <b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>                                  | No                                      |
| <b>LAMP HOLDER</b>   | -                                       |
| <b>MATERIAL COVER</b>  | -                                       |
| <b>TYPE OF CONTROL GEAR</b>  | LED operating device current-controlled |
| <b>WITH CONTROL GEAR</b>   | Yes                                     |
| <b>DIMMING 0-10 V</b>  | No                                      |
| <b>DIMMING 1-10 V</b>  | No                                      |
| <b>DIMMING DALI</b>  | No                                      |
| <b>DIMMING DMX</b>   | No                                      |
| <b>DIMMING DSI</b>   | No                                      |
| <b>DIMMING POTENTIOMETER (INTEGRATED)</b>  | No                                      |
| <b>DIMMING LINESWITCH</b>  | No                                      |
| <b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>                                       | No                                      |
| <b>DIMMING MAINS VOLTAGE MODULATION</b>  | No                                      |
| <b>DIMMING PHASE CUT-OFF</b>   | No                                      |
| <b>DIMMING PROGRAMMABLE</b>  | No                                      |
| <b>DIMMING RF</b>  | No                                      |
| <b>DIMMING SINE WAVE REDUCTION</b>   | No                                      |
| <b>DIMMING TOUCH AND DIM</b>   | No                                      |
| <b>DIMMING ZIGBEE</b>  | No                                      |
| <b>DIMMING WITH PUSH-BUTTON</b>  | No                                      |
| <b>DIMMING DEPENDING ON CONTROL GEAR</b>   | No                                      |
| <b>NO DIM FUNCTION</b>   | Yes                                     |
| <b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>   | SDCM6                                   |
| <b>IMPACT STRENGTH</b>   | IK03                                    |
| <b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b> | No                                      |
| <b>SUITABLE FOR EMERGENCY LIGHTING</b>   | No                                      |
| <b>WITH MOVEMENT SENSOR</b>  | No                                      |
| <b>WITH LIGHT SENSOR</b>   | No                                      |
| <b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>           | No                                      |
| <b>FILAMENT TEST ACCORDING TO IEC 60695-2-11</b>                                       | 650 °C - 30 s                           |
| <b>CONSTANT LIGHT OUTPUT (CLO)</b>   | Yes                                     |
| <b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>                                    | RG2                                     |
| <b>OPERATION BY BLUETOOTH</b>  | No                                      |
| <b>COMPATIBLE WITH CASAMBI</b>   | No                                      |
| <b>COMPATIBLE WITH APPLE HOMEKIT</b>   | No                                      |

|   |                             |
|---|-----------------------------|
| <b>COMPATIBLE WITH GOOGLE ASSISTANT</b>                           | No                          |
| <b>COMPATIBLE WITH AMAZON ALEXA</b>                               | No                          |
| <b>IFTTT SUPPORT AVAILABLE</b>                                    | No                          |
| <b>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>                      | No                          |
| <b>SUITABLE FOR CLAMP-MOUNTING</b>                                | Yes                         |
| <b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>                          | No                          |
| <b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>                       | No                          |
| <b>SUITABLE FOR TRAVERSE MOUNTING</b>                             | No                          |
| <b>EXCHANGEABLE CONTROL GEAR</b>                                  | No                          |
| <b>SUITABLE FOR LAMP POWER IN W</b>                               | 18                          |
| <b>LAMP TYPE</b>  | LED exchangeable            |
| <b>EMERGENCY POWER SUPPLY INTEGRATED</b>                          | No                          |
| <b>SURFACE BRUSHED</b>  | No                          |
| <b>DIMMING DALI-2</b>   | No                          |
| <b>DIMMING PHASE CUT-ON</b>                                       | No                          |
| <b>DIMMING GPRS</b>   | No                          |
| <b>LIFETIME L70/B50 AT 25°C</b>                                   | 35000                       |
| <b>LIFETIME L90/B10 AT 25°C</b>                                   | 10000                       |
| <b>BEG FUNDING</b>  | Only relevant in Germany    |
| <b>LED OPERATING CURRENT IN MA</b>                                | 220                         |
| <b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b> | F                           |
| <b>ELDAS-NR.</b>  | 941014159                   |
| Dimension Length in mm  |                             |
| <b>DIAMETER IN MM</b>   | 0                           |
| <b>MAX. SYSTEM POWER IN W</b>                                     | 18                          |
| <b>LUMINOUS FLUX IN LM</b>  | 1950                        |
| <b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>  | -20-45                      |
| <b>ABMESSUNGEN BREITE MM</b>                                      | 224                         |
| <b>ABMESSUNGEN HÖHE MM</b>  | 28                          |
| <b>INSTALLATION HEIGHT/DEPTH IN MM</b>                            | 28                          |
| <b>NOMINAL VOLTAGE IN V</b>                                       | 230                         |
| <b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>    | -                           |
| <b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>              | -                           |
| <b>LIGHT SHARING</b>  | Asymmetric                  |
| <b>LIGHT OUTLET</b>   | Direct                      |
| <b>TYPE OF WIRING</b>   | Suitable for through wiring |
| <b>COLOUR OF LIGHT ADJUSTABLE</b>                                 | No                          |
| <b>LUMINOUS FLUX ADJUSTABLE</b>                                   | No                          |
| <b>BEAM ANGLE ADJUSTABLE</b>                                      | No                          |
| <b>SURFACE PROTECTION</b>   | Plastic-coated              |
| <b>ADJUSTABILITY</b>  | Not adjustable              |
| <b>LIGHT DISTRIBUTOR</b>  | Other                       |
| <b>REFLECTOR</b>  | None                        |
| <b>BEAM ANGLE</b>   | Extreme wide beam >80°      |
| <b>DEGREE OF PROTECTION (NEMA)</b>                                | Other                       |
| <b>CONNECTION TYPE</b>  | Other                       |