



Panel Sydney

- Powerful LED panel, ideal for clutter-free ceilings
- Homogenous light distribution, with low glare optics
- Robust full metal housing
- High efficacy up to 108 lm/W
- Suitable for office applications, UGR<19
- DALI2 driver compatible with 230V push dimming



## Specifications

| Item Code     | Item Description                         | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | CCT (K) | Weight (kg/pc) |
|---------------|------------------------------------------|-------------------|-----------|-------|-----------------|---------|----------------|
| <b>On-Off</b> |                                          |                   |           |       |                 |         |                |
| 542008000900  | LEDPanelRc-Sy Sq595-35W-3000-WH-U19      | TL 4x18W          | 35        | 3600  | 103             | 3000    | 3.28           |
| 542008001000  | LEDPanelRc-Sy Sq595-35W-4000-WH-U19      | TL 4x18W          | 35        | 3800  | 108             | 4000    | 3.28           |
| 542008001100  | LEDPanelRc-Sy Re295-35W-3000-WH-U19      | TL 2x36W          | 35        | 3600  | 103             | 3000    | 3.40           |
| 542008001200  | LEDPanelRc-Sy Re295-35W-4000-WH-U19      | TL 2x36W          | 35        | 3800  | 108             | 4000    | 3.40           |
| <b>DALI2</b>  |                                          |                   |           |       |                 |         |                |
| 542008001300  | LEDPanelRc-Sy Sq595-35W-DALI-3000-WH-U19 | TL 4x18W          | 35        | 3600  | 103             | 3000    | 3.32           |
| 542008001400  | LEDPanelRc-Sy Sq595-35W-DALI-4000-WH-U19 | TL 4x18W          | 35        | 3800  | 108             | 4000    | 3.32           |
| 542008001500  | LEDPanelRc-Sy Re295-35W-DALI-3000-WH-U19 | TL 2x36W          | 35        | 3600  | 103             | 3000    | 3.44           |
| 542008001600  | LEDPanelRc-Sy Re295-35W-DALI-4000-WH-U19 | TL 2x36W          | 35        | 3800  | 108             | 4000    | 3.44           |
| <b>Smart</b>  |                                          |                   |           |       |                 |         |                |
| 542008002100  | LEDPanelRc-Sy Sq595-35W-BLE-3000-WH-U19  | TL 4x18W          | 35        | 3600  | 103             | 3000    | 3.33           |
| 542008002200  | LEDPanelRc-Sy Sq595-35W-BLE-4000-WH-U19  | TL 4x18W          | 35        | 3800  | 108             | 4000    | 3.33           |
| 542008002300  | LEDPanelRc-Sy Re295-35W-BLE-3000-WH-U19  | TL 2x36W          | 35        | 3600  | 103             | 3000    | 3.45           |
| 542008002400  | LEDPanelRc-Sy Re295-35W-BLE-4000-WH-U19  | TL 2x36W          | 35        | 3800  | 108             | 4000    | 3.45           |
| <b>1-10V</b>  |                                          |                   |           |       |                 |         |                |
| 542008001700  | LEDPanelRc-Sy Sq595-35W-10V-3000-WH-U19  | TL 4x18W          | 35        | 3600  | 103             | 3000    | 3.32           |
| 542008001800  | LEDPanelRc-Sy Sq595-35W-10V-4000-WH-U19  | TL 4x18W          | 35        | 3800  | 108             | 4000    | 3.32           |
| 542008001900  | LEDPanelRc-Sy Re295-35W-10V-3000-WH-U19  | TL 2x36W          | 35        | 3600  | 103             | 3000    | 3.44           |
| 542008002000  | LEDPanelRc-Sy Re295-35W-10V-4000-WH-U19  | TL 2x36W          | 35        | 3800  | 108             | 4000    | 3.44           |

Available on request with 3- or 5- or 3+2 pole Wieland GST18i or Wago WINSTA connector. DALI2 versions are compatible with central emergency lighting according to EN 50172. BLE versions in surface modules might lead to limited BLE signal strength.

## Accessories

| Surface Mounting Frame                                                            |                                                                                   |                                                                                   |                                                                                   | Recessed Mounting Frame                                                             |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 140055484<br>LEDPanelRc-Si Sq600-Surface-Module-WH-CT                             | 140055486<br>LEDPanelRc-Si Re300-Surface-Module-WH-CT                             | 542098017600<br>LEDPanelRc2 Sq600-Surface-Kit-WH                                  | 542098017700<br>LEDPanelRc2 Re300-Surface-Kit-WH                                  | 542098009600<br>LEDPanelRc Sq600-Frame-WH                                           | 542098009800<br>LEDPanelRc Re300-Frame-WH                                           |
|  |  |  |  |  |                                                                                     |
| 140053150<br>LEDPanelRc-Si-E Mounting-Springs                                     | 140055365<br>LEDPanel-Si-E Suspension-Kit                                         | 542098000800<br>LEDPanelRc-Si U19 EM-kit 1h                                       | 140060852<br>LEDFixture-Ceiling-Cable-Kit-0.5m                                    | 542098030700<br>Junction-Box-WH                                                     |                                                                                     |
|                                                                                   |                                                                                   | 542098000900<br>LEDPanelRc-Si U19 EM-kit 3h                                       |                                                                                   |                                                                                     |                                                                                     |

### Technical Specifications

|                                    |                              |
|------------------------------------|------------------------------|
| Lifetime (L70)                     | 70,000 h                     |
| Lifetime (L80)                     | 50,000 h                     |
| On-/Off-cycles                     | 100,000                      |
| Colour consistency (SDCM)          | 3                            |
| Dimmability                        | On-Off / BLE / 1-10V / DALI2 |
| Beam angle                         | 80°                          |
| Finishing                          | White RAL9003                |
| Colour rendering index CRI         | ≥ 80                         |
| UGR                                | ≤ 19                         |
| Degree of protection (IP)          | IP20                         |
| Impact strength                    | IK02                         |
| Protection class                   | II                           |
| Risk group (EN 62471)              | RG0                          |
| With control gear                  | Yes                          |
| Glow wire test                     | 850°C                        |
| Driver failure rate (at 5,000 hrs) | 1 %                          |
| Power factor                       | ≥ 0.9                        |

### Electrical Supply

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Frequency         | 50/60 Hz                                         |
| Nominal voltage   | 220-240 V AC                                     |
| DC input voltage  | See catalogue appendix Connection Specifications |
| 230V Cable length | 1 m                                              |

### Mechanical Properties

|                  |               |
|------------------|---------------|
| Housing material | Steel         |
| Optical material | Polycarbonate |

### Ambient Conditions

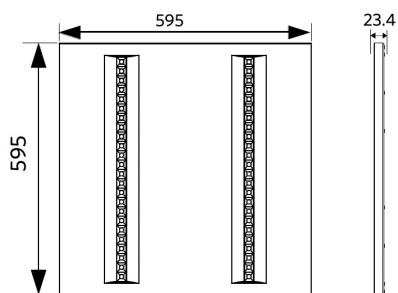
|                         |           |
|-------------------------|-----------|
| Operating temperature   | -10~+40°C |
| Application temperature | +25°C     |
| Storage environment     | -25~+50°C |

**5 YEARS WARRANTY**

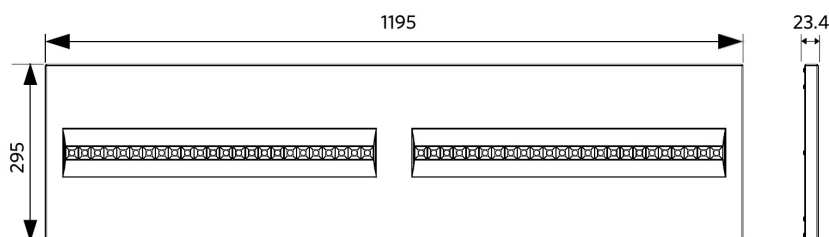


## Dimensional Drawing (mm)

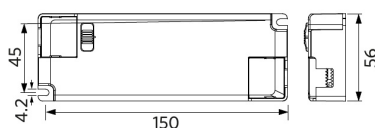
LEDPanelRc-Sy Sq595



LEDPanelRc-Sy Re295



LEDPanelRc-Sy  
Driver On/Off



LEDPanelRc-Sy  
Driver Dim

