



## Panel Lugano

- Powerful and low glare design LED panel
- Homogenous light distribution, with low glare optics (UGR < 16)
- Standard equipped with CCT-switch and CRI90
- System efficacy of 125 lm/W
- Compatible with Slim Panel surface mounting kit accessory



## Specifications

| Item Code | Item Description | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | CCT (K) | Colour rendering index (CRI) | Weight (pc/kg) |
|-----------|------------------|-------------------|-----------|-------|-----------------|---------|------------------------------|----------------|
|-----------|------------------|-------------------|-----------|-------|-----------------|---------|------------------------------|----------------|

Available on request with Wieland GST18 or WAGO WINSTA connector, or Euro/Schuko plug. DALI2 versions are compatible with central emergency lighting according to EN 50172. BLE versions in surface mounting frames might lead to limited BLE signal strength.

## Accessories

| Surface Mounting Frame                                                              |                                                                                     | Recessed Mounting Frame                                                             |                                                                                      |                                                                                       |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  |
| 140055484<br>LEDPanelRc-SI Sq600-Surface-Module-WH-CT                               | 542098017600<br>LEDPanelRc2 Sq600-Surface-Kit-WH                                    | 542098009600<br>LEDPanelRc Sq600-Frame-WH                                           | 542003021800<br>LEDPanelRc-S-B2 Mounting-Springs                                     | 542098000800<br>LEDPanelRC-SI U19 EM-kit 1h                                           |  |

## Packaging information

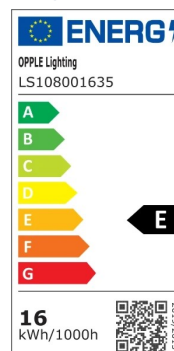
| Item         |                                          |            | Box                     |                   |               |        |
|--------------|------------------------------------------|------------|-------------------------|-------------------|---------------|--------|
| Item Code    | Item Description                         | EU HS Code | Dimensions (mm) (LxWxH) | Gross Weight (kg) | EAN           | pc/box |
| 542003173400 | LEDLugano-P Sq595-32W-DALI-TW-U16        | 94051190   | 617x620x46              | 4.15              | 6941491729602 | 1      |
| 140055484    | LEDPanelRc-SI Sq600-Surface-Module-WH-CT | 94059900   | 690x690x118             | 4.26              | 6956321879808 | 1      |
| 542003021800 | LEDPanelRc-S-B2 Mounting-Springs         | 73209090   | 280x200x170             | 0.10              | 6941408821672 | 1      |
| 542098000800 | LEDPanelRC-SI U19 EM-kit 1h              | 85044083   | 490x390x150             | 0.98              | 6941497702340 | 1      |
| 542098000900 | LEDPanelRC-SI U19 EM-kit 3h              | 85044083   | 490x390x150             | 1.08              | 6941497702333 | 1      |
| 542098009600 | LEDPanelRc Sq600-Frame-WH                | 94059900   | 688x88x694              | 1.79              | 6941497704061 | 1      |
| 542098017600 | LEDPanelRc2 Sq600-Surface-Kit-WH         | 94059900   | 685x77x68               | 1.53              | 6941497720696 | 1      |

| Technical Specifications              |               |
|---------------------------------------|---------------|
| Lifetime (L70)                        | 100,000 h     |
| Lifetime (L80)                        | 70,000 h      |
| Lifetime (L90)                        | 50,000 h      |
| On-/Off-cycles                        | 100,000       |
| Colour consistency (SDCM)             | 3             |
| Dimmability                           | DALI2         |
| Beam angle                            | 75 °          |
| Finishing                             | White RAL9003 |
| RAL-Number                            | 9003          |
| UGR                                   | 16            |
| Ingress protection recessed part (IP) | IP20          |
| Impact strength (IK)                  | IK02          |
| Protection class                      | II            |
| Risk group (EN 62471)                 | RG0           |
| With control gear                     | True          |
| Glow wire test                        | 650 °C        |
| Driver failure rate (at 5,000 hrs)    | ≤ 1 %         |
| Power factor                          | ≥ 0.9         |

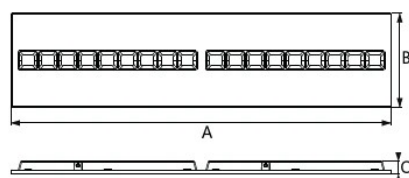
| Electrical Supply |                                                  |
|-------------------|--------------------------------------------------|
| Frequency         | 50 - 60 Hz                                       |
| Nominal voltage   | 220 - 240 V                                      |
| DC input voltage  | See catalogue appendix Connection Specifications |

| Mechanical Properties |               |
|-----------------------|---------------|
| Housing material      | Steel         |
| Optical material      | Polycarbonate |

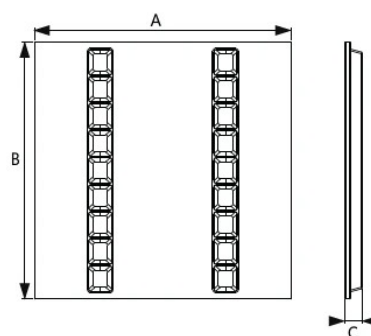
| Ambient Conditions      |             |
|-------------------------|-------------|
| Operating temperature   | -10 ~ 45 °C |
| Application temperature | 25 °C       |
| Storage environment     | -25 ~ 50 °C |



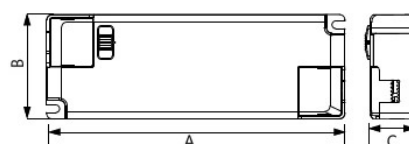
## Dimensional Drawing (mm)



|       | A    | B   | C  |
|-------|------|-----|----|
| Re295 | 1195 | 295 | 40 |



|       | A   | B   | C  |
|-------|-----|-----|----|
| Sq595 | 595 | 595 | 40 |



|        | A   | B  | C  |
|--------|-----|----|----|
| On/Off | 160 | 56 | 24 |
| Dim    | 180 | 51 | 31 |

## Motion Sensors



# Photometric Data

