



## Flexible Modular Ceiling Panel

- Energy-efficient recessed LED panel, specifically designed for modular ceiling grid systems
- Uniform light distribution with low glare (UGR < 19) – ideal for office applications
- Custom sizes available from 100 pieces, with dimensions ranging from 1180-2250 mm (length) and 115-600 mm (width)
- Lead time approximately 4 months



## Specifications

| Item Code           | Item Description                  | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | CCT (K)   | Colour rendering index (CRI) | Net Weight (kg/pc) |
|---------------------|-----------------------------------|-------------------|-----------|-------|-----------------|-----------|------------------------------|--------------------|
| Tunable White/DALI2 |                                   |                   |           |       |                 |           |                              |                    |
| SP_150000020        | LEDBR-To-P L1690-185-30W-DALI2-TW |                   | 30        | 4000  | 125             | 2.7K-6.5K | > 90                         |                    |

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.

## Accessories



140060852  
LEDFixture-Ceiling-Cable-Kit-0.5m



542098000800  
LEDPanelRC-SI U19 EM-kit 1h

## Packaging information

| Item         |                                   |            | Box                     |                      |               |        |
|--------------|-----------------------------------|------------|-------------------------|----------------------|---------------|--------|
| Item Code    | Item Description                  | EU HS Code | Dimensions (mm) (LxWxH) | Gross Weight (kg/pc) | EAN           | pc/box |
| SP_150000020 | LEDBR-To-P L1690-185-30W-DALI2-TW | 94051190   | 0x0x0                   | 0.00                 |               | 1      |
| 140060852    | LEDFixture-Ceiling-Cable-Kit-0.5m | 73121020   | 510x100x11              | 0.40                 | 6956321895266 | 1      |
| 542098000800 | LEDPanelRC-SI U19 EM-kit 1h       | 85044083   | 490x390x150             | 0.98                 | 6941497702340 | 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                            | 90 °          |
| Finishing                             | White RAL9003 |
| RAL-Number                            | 9003          |
| UGR                                   | 19            |
| 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)

