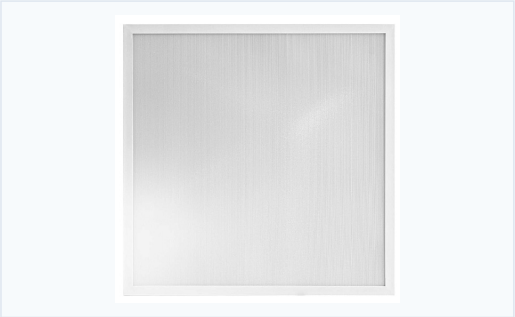
DPL098 · RECESSED

# DPL098 BL6262 4200LM 35W 840 MP PS

Symmetric · 4000K · IP40 · IK05 · RAL9016



## APPLICATION

DPL098 is a recessed LED panel for offices, educational facilities, healthcare and commercial spaces, providing uniform illumination with UGR <19 and efficacy up to 130 lm/W. Assembled in the EU, it offers flexible configuration with different LED modules, outputs, colour temperatures, CRI levels and driver options to meet project-specific requirements. Available in multiple dimensions and lumen packages, with DALI and other control options, DPL098 is suitable for both new installations and refurbishment projects. Premium components, high-quality assembly and a 5-year warranty ensure long-term performance and dependable operation.

| 4200 lm | 35 W | 120 lm/W | 4000K | ≥80 | IP40 | IK05 | 50 000 h |
|---|---|---|---|---|---|---|---|
| SYSTEM FLUX | INPUT POWER | EFFICACY | CCT | CRI | INGRESS | IMPACT | L90B10 |

## ELECTRICAL PARAMETERS

| | | | |
|---|---|---|---|
| Nominal supply voltage | **230VAC/220VDC** | Supply voltage range | **230VAC/220VDC** |
| Type of supply current | **AC/DC** | Supply frequency | **N/A** |
| Rated input power | **35W** | Power factor (PF) | **0.95** |
| Driver efficiency at nominal load | **92%** | Protection class (electric shock) | **II** |
| Driver type | **Philips Xitanium** | | |

## PHOTOMETRIC PARAMETERS

| | | | |
|---|---|---|---|
| Luminous flux — system | **4200lm** | Luminous efficacy — system | **120lm/W** |
| Correlated colour temperature (CCT) | **4000K** | Colour rendering index Ra (CRI) | **≥80** |
| Init. CRI tolerance | **±3** | Light distribution type | **Symmetric** |
| Luminaire beam spread | **60.0°** | Optic type | **Symmetrical** |
| Photobiological safety class | **RG0** | Colour consistency (SDCM) | **< 3 MacAdam steps** |
| Luminous flux tolerance | **±5 %** | | |

## CONSTRUCTION & MATERIALS

| | | | |
|---|---|---|---|
| Luminaire type | **Light LED Panel** | Light source type | **LED** |
| Light source replaceable | **No** | Housing material | **Steel** |
| Reflector material | **Polyester** | Housing coating | **Powder coating** |
| Housing colour (RAL) | **RAL9016** | Mounting type | **Recessed, suspendet** |
| Cutout size | **600x600** | Overall dimensions (H × W × L) | **595x595** |
| Weight (net) | **1.5kg** | Number of light sources | **6pcs** |
| Number of gear units | **1 pcs** | | |

## PROTECTION & ENVIRONMENT

| | | | |
|---|---|---|---|
| IP rating — enclosure | **IP40** | Impact resistance class IK | **IK05** |
| Operating temperature range | **-40...+35 °C** | Storage temperature range | **-40...+65 °C** |
| Glow-wire test | **650 °C / 5 s** | Relative humidity (max) | **N/A** |

## CONTROL & DIMMING

| | | | |
|---|---|---|---|
| Dimmable | **No** | Control protocol / interface | **on/off** |
| Built-in motion / presence sensor | **NO** | | |

## RELIABILITY & LIFETIME

| | | | |
|---|---|---|---|
| Light source lifetime | **50000 @ L80 B10h** | Lumen maintenance @ 50 000 h | **L80B10** |
| Lumen maintenance @ 100 000 h | **L70 B10** | Control gear failure rate @ 50 000 h | **5 %** |
| Control gear failure rate @ 100 000 h | **10 %** | Maximum case temperature Tc | **75°C** |

## CERTIFICATIONS

| | | | |
|---|---|---|---|
| Warranty period | **5 years** | CE marking | **Yes** |
| ENEC mark | **No** | ENEC+ mark | **No** |
| UKCA marking | **Yes** | D4i certified (DALI) | **No** |
| EU RoHS compliant | **Yes** | Light source energy efficiency class | **C** |

## STANDARDS & SUSTAINABILITY

| | | | |
|---|---|---|---|
| Applicable standard | **EN-IEC 62722-2-1** | ETIM Class | **EC002892** |
| D-Mark (EN 60598-2-24) | **Not determined** | Non-virgin material ratio | **Not determined** |
| Sustainability rating | **Not determined** | EAN / UPC | **Not determined** |

**Environmental data.** Embedded carbon, recyclable content and sustainability ratings are provided per article where determined.

**Documents.** Photometric files (IES / LDT) and installation instructions are available at takton.ee.