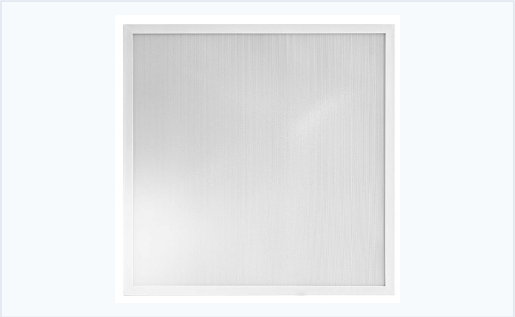
DPL098 · RECESSED

DPL098 BL6060 4200LM 35W 840 MP PS DALI

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	**DALI, Touch & Dim**
Dimming range	**10-100%**	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.