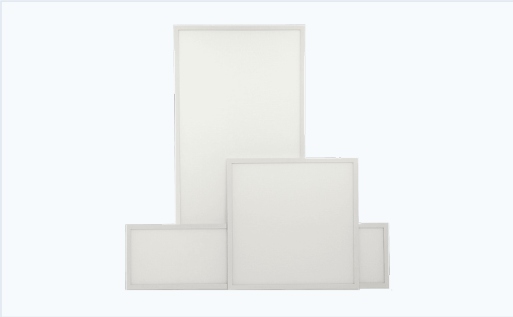
DPL198 · RECESSED

DPL198 6060 4300lm 35W MP 830 DALI

Symmetric · 3000 K · IP40 · IK05 · White



APPLICATION

DPL198 is an ultra-slim recessed LED panel for offices, educational facilities, healthcare and commercial spaces, providing uniform, low-flicker illumination with UGR <19 for high visual comfort. The luminaire features a lightweight aluminium frame with a steel back plate, ensuring excellent thermal management, mechanical rigidity, and long service life. With system efficacy up to 140 lm/W, it combines efficient performance with a clean architectural design and is available in most popular 600×600, 300×1200 and 600×1200 mm formats. Available in 3000K or 4000K, with On/Off, DALI and Casambi control options, DPL198 is suitable for both new installations and energy-efficient lighting renovations.

4300 lm	35 W	123 lm/W	3000 K	≥80	IP40	IK05	50 000 h
SYSTEM FLUX	INPUT POWER	EFFICACY	CCT	CRI	INGRESS	IMPACT	L90B10

ELECTRICAL PARAMETERS

Nominal supply voltage	**230 (220–240) V AC**	Supply voltage range	**220–240 V AC**
Type of supply current	**AC**	Supply frequency	**50 / 60 Hz**
Rated input power	**35W**	Power factor (PF)	**0.95**
Driver efficiency at nominal load	**0.92**	Total harmonic distortion (THDi)	**<10%**
Protection class (electric shock)	**II**	Driver type	**Integrated driver**

PHOTOMETRIC PARAMETERS

Luminous flux — system	**4300lm**	Luminous efficacy — system	**123lm/W**
Correlated colour temperature (CCT)	**3000 K**	Colour rendering index Ra (CRI)	**≥80**
Init. CRI tolerance	**±3**	Light distribution type	**Symmetric**
Luminaire beam spread	**60°**	Optic type	**Microprismatic**
Photobiological safety class	**RG0**	Flicker — Output PstLM / SVM	**≤0.1 / ≤0.2**
Colour consistency (SDCM)	**< 3 MacAdam steps**	Upward light output ratio (ULOR)	**0**
Luminous flux tolerance	**±5 %**		

CONSTRUCTION & MATERIALS

Luminaire type	**LED panel**	Light source type	**LED**
Light source replaceable	**No**	Cap / base type	**Integrated**
Housing material	**Aluminium / steel**	Reflector material	**N/A**
Housing coating	**Powder coating**	Optic material	**Polycarbonate**
Optical cover material	**Polycarbonate**	Housing colour (RAL)	**White**
Mounting type	**Recessed, suspended**	Cutout size	**600x600**
Overall dimensions (H × W × L)	**595x595**	Effective projected area	**N/A**
Windage projection area (side / below)	**N/A**	Number of light sources	**2 pcs**
Number of gear units	**1 pcs**		

PROTECTION & ENVIRONMENT

IP rating — enclosure	**IP40**	Impact resistance class IK	**IK05**
Operating temperature range	**0...+35 °C**	Storage temperature range	**-40...+65 °C**
Glow-wire test	**650 °C / 5 s**	Relative humidity (max)	**N/A**

CONTROL & DIMMING

Dimmable	**Yes**	Control protocol / interface	**DALI**
Dimming range	**1–100 %**	Auto-dimming (chronoSTEP)	**No**
Built-in motion / presence sensor	**No**	Built-in daylight sensor	**No**
LED lumen maintenance compensation (CLO)	**No**	ZHAGA / NEMA socket compatibility	**No**

RELIABILITY & LIFETIME

Constant Light Output (CLO)	**No**	Light source lifetime	**50000 @ L80 B10 h**
Lumen maintenance @ 50 000 h	**L80 B10**	Lumen maintenance @ 100 000 h	**Not determined**
Control gear failure rate @ 50 000 h	**5 %**	Control gear failure rate @ 100 000 h	**Not determined**
Maximum case temperature Tc	**Not determined**		

CERTIFICATIONS

Warranty period	**5 years**	Maintenance access	**Not determined**
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	**Not determined**		

STANDARDS & SUSTAINABILITY

Applicable standard	**EN-IEC 62722-2-1**	ETIM Class	**Not determined**
D-Mark (EN 60598-2-24)	**Not determined**	Non-virgin material ratio	**Not determined**
Sustainability rating	**Not determined**	EAN / UPC	**Not determined**
Application areas	**Offices, educational facilities, healthcare environments, commercial buildings and other interior spaces**		

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.