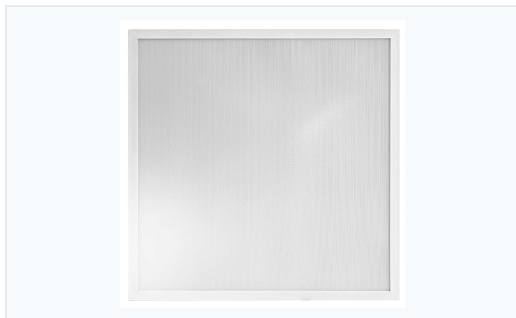




Length 595 mm

APPLICATION

DPL098 is a versatile recessed LED panel designed for offices, educational facilities, healthcare and commercial spaces where visual comfort and energy efficiency matter. With UGR<19 optics, uniform light distribution and efficacy up to 130 lm/W, it creates a comfortable working environment while reducing operating costs. Assembled in the European Union, DPL098 offers exceptional flexibility to meet project-specific requirements. The luminaire can be configured with a wide range of EU-manufactured LED modules, allowing customers to select the preferred efficiency, colour rendering, colour temperature and driver solution without being limited to a single platform. Available in multiple dimensions, outputs and control options including DALI, DPL098 is a reliable, future-proof lighting solution 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 SYSTEM FLUX	35 W INPUT POWER	120 lm/W EFFICACY	4000K CCT	≥80 CRI	IP40 INGRESS	IK05 IMPACT	50 000 h L90B10
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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	RG5	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	Not determined
Recyclable content ratio	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.