

Dyren

Edge-lit LED panel with flawless uniformity

Product description

This versatile edge-lit panel offers multiple mounting options for your convenience. Choose between recessed mounting, or surface or suspended mounting with compatible accessories (sold separately). The panel comes pre-wired with a connection cable and integrated plug for easy installation.

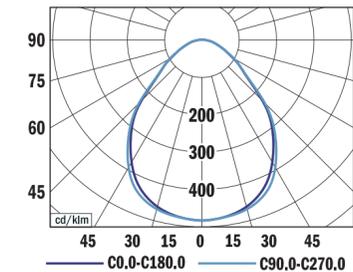
Available in sizes specifically designed for suspended ceiling grids with measurements of 600 x 600 mm, 625 x 625 mm, and 1,200 x 300 mm, this panel ensures a perfect fit for your existing infrastructure. Additionally, it boasts exceptional uniformity with minimal luminous flux tolerances, and a UGR (Unified Glare Rating) of less than 19, providing comfortable and glare-free illumination.

Technical features:

- Optical system: microprismatic diffuser
- Housing: aluminium
- Diffuser: PS
- Accesories: frame for plasterboard installation, frame for surfaced installation, rope suspension
- Chromacity: 4-step MacAdam
- Colour rendering index: min. 80
- Colour temperature: 3000K, 4000K, 6500K, 2700-6500K (PV1)
- Electronic control gear: FIX (ECG), DALI (EDA), on request Emergency unit
- Service lifetime: 50,000 hours/L80/B10 (ta 25°C)
- Ambient temperature: Ta = -20°C...+40°C
- Degree of protection: IP20, optical part IP40
- Dimensions: PV1 595 x 595 x 9 mm, PR1 620 x 620 x 9 mm, PV4 1195 x 295 x 9 mm

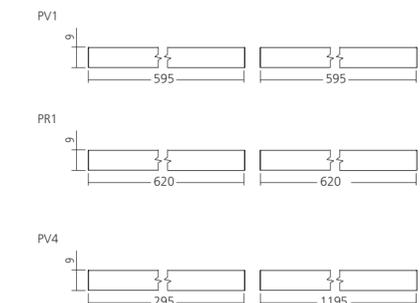
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE (K)	BEAM ANGLE
DYREN	3800	32	119	80+	3000	90°
DYREN	4000	32	125	80+	4000	90°
DYREN TW	3600-4000	35	103-114	80+	2700-6500	90°
DYREN	4200	36	117	80+	3000	90°
DYREN	4450	36	124	80+	4000	90°
DYREN TW	4100-4550	37	111-123	80+	2700-6500	90°

Photometry



DYREN PV1, 4000 lm 4000 K
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19

Dimensions



Mounting

PV ceiling (600 x 600) PR ceiling (625 x 625)



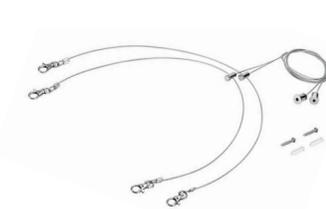
frame for plasterboard installation



frame for surfaced installation



rope suspension



220-240V
50-60Hz

LED

CHROMATICITY
4
SDCM

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

CCT
6500
K

CCT
tunable
2700-6500K

ECG

EDA
DALI

IP
20

IP
40