



LED RECESSED PANEL

DESSIN 120x30 Series

TECHLUMEN LED panel **DESSIN** series, sized 120cm X 30cm, offers powerful lighting with minimum consumption.

DESSIN has efficacy up to 188m/W.

The basic version of **18 W** has **luminous power equal to conventional fluorescent 2X36W lamp systems.**

DESSIN is also produced at **22.6W, 34W** και **47.6W** and reaches up to **8520 lm** output.

It is made of aluminum, while the protective cap is made of PMMA, which offers excellent light transmission and has excellent durability.

They are painted with powder coating in any RAL color.

DESSIN has 5 years warranty and L80 rating of 70000h.

DALI

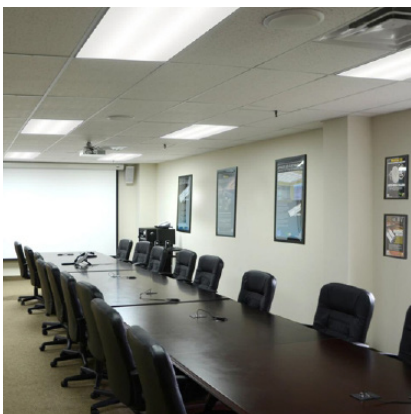
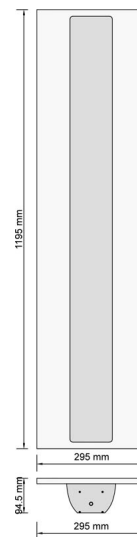
0-10V

Em 3h

BLUE
TOOTH

TUNABLE
CCT

Dimensions



Manufactured in Greece



Pros

- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life - 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration

Type	DESSIN Series
Luminous Flux	3164 lm - 8520 lm
Power	18.0W - 47.8W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	173 - 188 lm/W
Power Factor	0,95
CRI	>80
CCT	3000K - 5000K
IP Rating	IP44
Body	Aluminium - galvanized steel
Finishing	powder coating RAL selection
Dimensions	1195mm X 295mm X 94.5mm
Weight	3.4 Kg
Warranty	5 years
Compliances:	CE EN 60598-1:2021+A11:2022 EN 60598-2-1:2022 IEC 60598-2-2:2023 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN 61547:2020 EN 55015:2019+A11:2020 EN 62471:2008 IEC/TR 62778:2014 EN 62493:2015+A1:2022 EN 63000:2018 Directive (LVD) Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2006/1907/EC Directive (EuP) Directive (GPS)

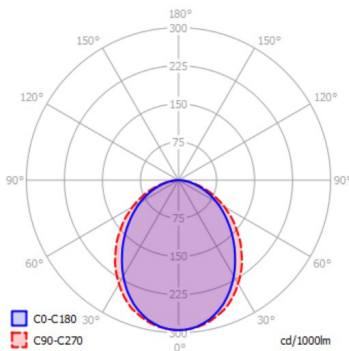
DESSIN series versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
18.0 W	DESSIN-830-18	3000	80	3164	176
	DESSIN-840-18	4000	80	3302	185
	DESSIN-850-18	5000	80	3368	188
22.6 W	DESSIN-830-23	3000	80	3916	173
	DESSIN-840-23	4000	80	4100	181
	DESSIN-850-23	5000	80	4180	185
34.0 W	DESSIN-830-34	3000	80	6040	177
	DESSIN-840-34	4000	80	6110	180
	DESSIN-850-34	5000	80	6230	183
47.8 W	DESSIN-830-48	3000	80	8410	176
	DESSIN-840-48	4000	80	8420	176
	DESSIN-850-48	5000	80	8520	178

- IP65 on request

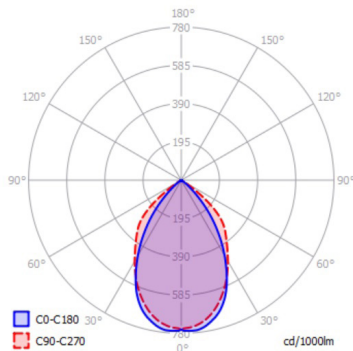


Polar Intensity Diagram

Opal






Microprismatic - Low UGR <19



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