

DOWNLIGHT

Professional ceiling luminaires

Model range: DLA1

Powerful and quality solution for ceiling lighting

Fully compatible with EN 12464-1

Metal case and glass optics



DLA1 professional ceiling lights with proven high operational reliability, fully in accordance with EN 12464-1, are suitable for lighting corridors, homes, offices, restaurants and social facilities.

Modern CSP chip guarantees high performance with low heat loss. Short-term power outages do not affect the life of the luminaire. The rigorous selection of customized CSP modules follows ANSI Binning standards to ensure the same color and luminous flux. Each individual product meets the declared light parameters in the $\pm 2.5\%$ band. Sandblasted glass prevents long-term loss of luminous flux and color changes.

DLA1 luminaires meet the requirement for true color reproduction and their luminous flux is free of UVA and UVB spectrum components.

They are easy to mount in a ceiling or in a design wooden frame, ceiling mounted.

Luminaires are simple to design and easy to maintain.



General information

light source:	CSP with heat dissipation
optical unit:	frosted glass
lifetime:	according to TM21: 50 000 hours
cooling system:	metal cover
repleceable driver:	yes
ecology:	does not contain mercury or silicone
mounting:	in suspended ceiling surface mounting with frame

Technical parameters

operation temperature range:	-10 °C to + 45 °C
light output range:	140° symmetrical
CCT:	3 000 K, 4 000 K, 5 700 K in a range of chromacity +2,5%
CRI:	Ra>82
ingress protection:	IP44
power supply	220 V to 240 V~, 50/60 Hz, PFC>0,9
flicker index:	0
flicker frequency:	<1% / 1Hz
MTBF:	145 000 hours, MIL-HDBK-217F (25°C)

Standards

- RoHS, hazardous light complies with Directive EC and Council 2014/35/ES
- Resistance according to EN61547, EN61000-4-2-3,4,5,6,8,11 protection 2kV
- EMC: Directive 2004/108/EC – EN 55015:2013, EN 61000-3-2 class.A, EN 61000-3-3, EN 60950-1

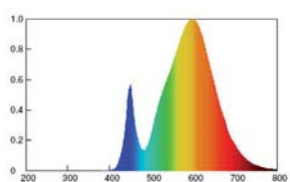
- Does not emit light interference by ANSI C63.4 & 47
- **CE** **SVHC** **RoHS**

Models specifications

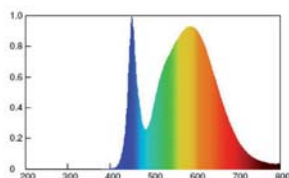
Marking patterns according to color temperature: W=3 000 K, T=4 000 K, C=5 700 K

Model	Power	Output range	Luminous flux	PFC	Dimensions (diameter x h)	Weight
DLA1-018C	13,5 W	140 °	1 550 lm	>0,9	180 x 49 mm	0,15 kg
DLA1-018T	13,5 W	140 °	1 420 lm	>0,9	180 x 49 mm	0,15 kg
DLA1-018W	13,5 W	140 °	1 250 lm	>0,9	180 x 49 mm	0,15 kg

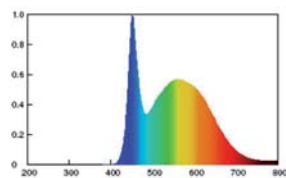
Spectral characteristics of model range: DLA1



Spectral Distribution (nm) for 3000K



Spectral Distribution (nm) for 4000K



Spectral Distribution (nm) for 5700K

