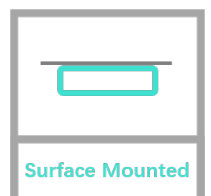


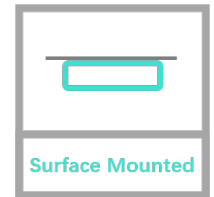
Cyanlite™

AVIA SM

Surface Mounted
LED Flat Downlight







Overview

The Cyanlite™ LED Slim Down Light AVIA series adopt super bright LED as its luminous body, powered by low voltage constant current driver. Aluminum die-casting housing with baking varnish disposal makes it stylish and fashionable with everlasting color.

Unlike the similar cheap products in the market, Cyanlite produces AVIA series only with the high-quality level that system efficiency is upto 120 lm/w with UGR<19 Micro Prismatic diffuser, and no cheap look air slots on the housing, the complete luminaires are come with 5 years warranty.

Advantages

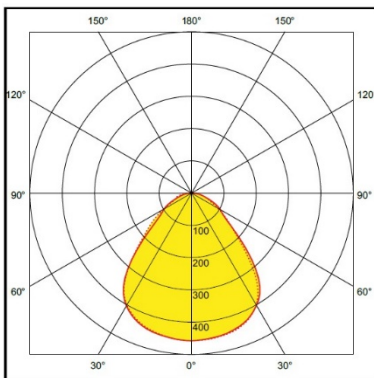
- Upto 120 lm/w for the system efficiency.
- No air slot as cheap products in the market.
- Aluminum housing and PMMA LGP ensures stable quality.
- Easy and fast installation, saving installation cost.

Features

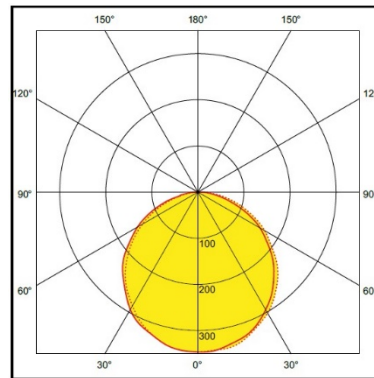
- Standard sizes: \varnothing 145mm (4")/ \varnothing 180mm (6")/ \varnothing 240mm (8")/ \varnothing 300mm (10")/ \varnothing 400mm (14")/ \varnothing 500mm (18")/ \varnothing 600mm (22") as a whole range
- RAL9016 as standard coating color, other RAL colors available on request
- Range of color temperatures 3000K, 3500K, 4000K, 5000K & 6000K
- 5 Years Warranty
- Various dimming options, including 0-10V, DALI, Switch Dim etc.
- Emergency/sensor options available

| Model | Part No. | Power | Luminous Flux | Dimension (mm) |
|---------|--------------|-------|---------------|----------------|
| 4"/D15 | PR08WD04P-SM | 8W | 960 lm | ø145x35 |
| 6"/D18 | PR12WD06P-SM | 12W | 1440 lm | ø180x35 |
| 8"/D24 | PR20WD08P-SM | 20W | 2400 lm | ø240x35 |
| 10"/D30 | PR24WD10P-SM | 24W | 2800 lm | ø300x35 |
| 14"/D40 | PR35WD14P-SM | 35W | 4200 lm | ø400x35 |
| 18"/D50 | PR40WD18P-SM | 40W | 4800 lm | ø500x35 |
| 22"/D60 | PR40WD22P-SM | 40W | 4800 lm | ø600x35 |

Photometric



- UGR19 with Micro Prismatic Diffuser

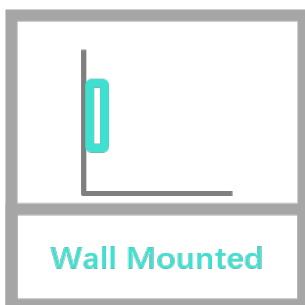
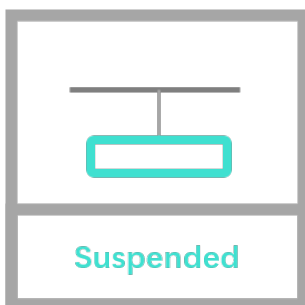
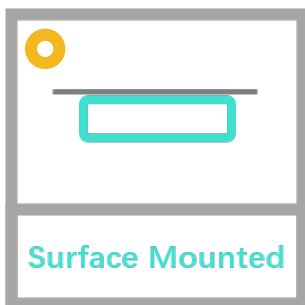
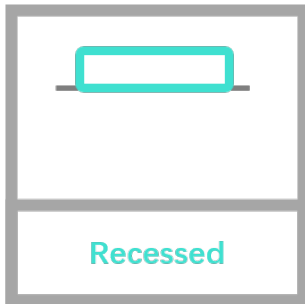


- UGR22 with Opalic Diffuser

| | |
|---------------------|--|
| System Efficacy | 120lm/w @ 4000K Ra80; |
| CRI (Ra) | 80/90/97 optional |
| Color Temp. | 3000K/4000K/5000K/6500K |
| Lighting Method | Sidelite |
| Light Source | SMD2835 |
| SDCM | <3 |
| Beam Angel | 90° Micro Prismatic Diffuser/110° Opalic Diffuser optional |
| Service Life | L80B20 (25°C) > 50.000h |
| IP Rating | IP44 (Front Side) |
| Impact Resistance | IK04 |
| Hot Wire Resistance | 650°C |
| Driver | Flicker Free On/off driver as standard |
| Dimmable | 1-10V, DALI, Push Dim, Bluetooth Optional |
| Nominal Frequency | 50/60Hz |
| Power Factor | >0.9 |
| Input Voltage | 200~240V |
| Flick Free | Yes |
| Housing Color | RAL9016 White |
| Housing Material | Aluminum frame, steel housing |
| LGD Material | Acrylic (PMMA) |
| Diffuser Material | Polystyrene (PS) |
| Storage Temp. | -40°C~+80°C |
| Working Temp. | -20°C~+45°C |
| Mount | Surface Mounted |
| Package | 1pcs per gift box, 5/10/20 pcs per master box |
| Warranty | 5 years |

According to the International Standard of LED luminaire, here Cyanlite formally claims this product is only allowed to be applied to indoor environment. Meanwhile Cyanlite promises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Rev: 1.0 2023/03/10



Cyanlite™

LED Luminaires

For

Recessed

● Surface Mounted

Suspended

Wall Mounted

Standing & Desktop

Installations

www.cyanlite.com

