

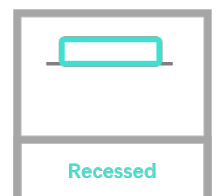
Cyanlite™

LED Slim Down Lights

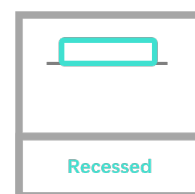
Avia

for

Recessed
Installation







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.

Excellent thermal management can effectively guarantee the LEDs long-term stability. The front panel board is high translucent acrylic, which ensures the light even, soft and high transmittance. Instant start, no flickering, no humming, no hazardous material.

Advantages

- Aluminum housing and PMMA LGP ensures stable quality
- Easy and fast installation, saving installation cost
- Flexible and customization oriented, bespoke specification are welcome
- Professional LED lighting manufacturer, ODM for EU top lighting brands, no risk for partnership

Features

- Standard sizes: $\varnothing 145\text{mm}$ (4")/ $\varnothing 180\text{mm}$ (6")/ $\varnothing 240\text{mm}$ (8")/ $\varnothing 300\text{mm}$ (10")
- 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

Specifications



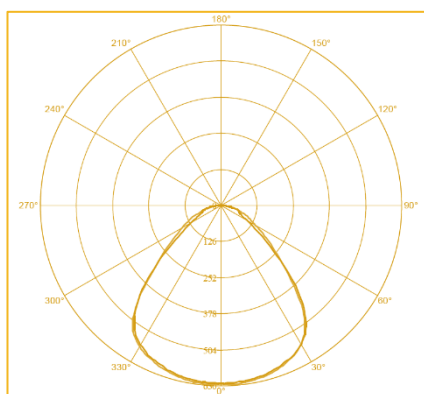
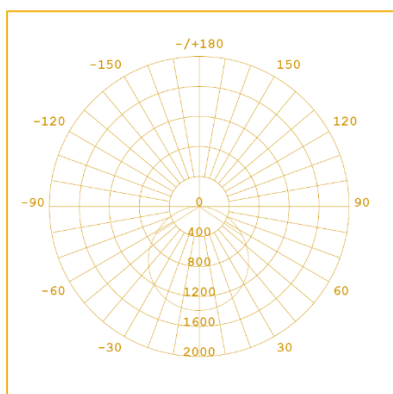
PRO version with 120lm/W

Model	Part No.	Power	Luminous Flux	Dimension (mm)
4"	PR08WD04P	8W	960 lm	ø145x12 cut-out: ø125
6"	PR12WD06P	12W	1440 lm	ø180x12 cut-out: ø160
8"	PR20WD08P	20W	2400 lm	ø240x12 cut-out: ø220
10"	PR24WD10P	24W	2800 lm	ø300x12 cut-out: ø280

ECO version with 100lm/W

Model	Part No.	Power	Luminous Flux	Dimension (mm)
4"	PR08WD04	8W	750 lm	ø145x12 cut-out: ø125
6"	PR12WD06	12W	1200 lm	ø180x12 cut-out: ø160
8"	PR20WD08	20W	2000 lm	ø240x12 cut-out: ø220
10"	PR24WD10	24W	2400 lm	ø300x12 cut-out: ø280

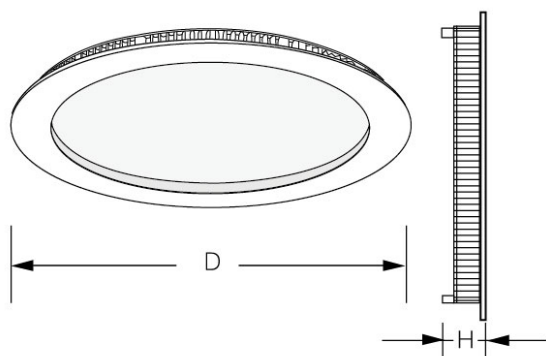
Light distribution



OP: Opalic diffuser

MP: Micro Prismatic diffuser

Dimensions (mm)



Model	Dimension D (mm)	Dimension H (mm)
4"	145±1	12±0.5
6"	180±1	12±0.5
8"	240±1	12±0.5
10"	300±1	12±0.5

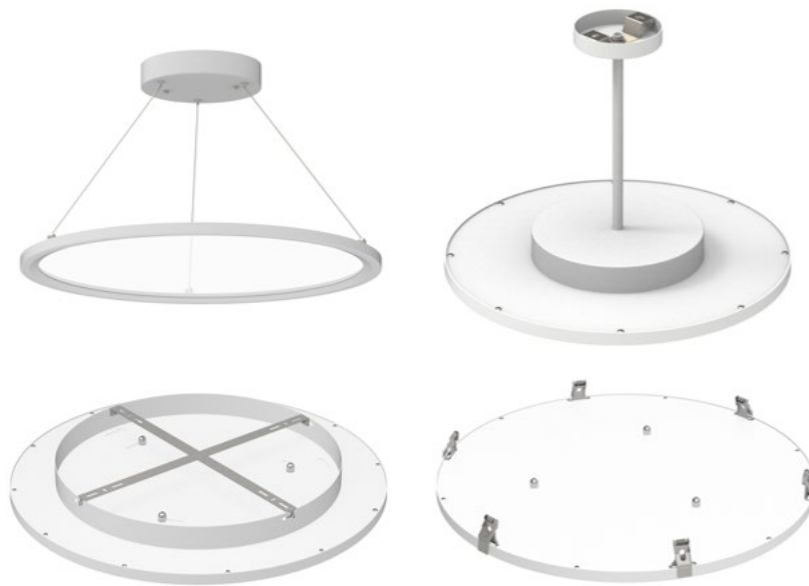
Technical Data

Efficacy	100 lm/w \geq 4000K (PRO version 120 lm/w \geq 4000K)
CRI (Ra)	>80
Color Temp.	3000K/3500K/4000K/5000K/6000K
Lighting Method	Sidelite
Light Source	SMD2835
SDCM	<3
Beam Angel	110° for Opalic diffuser/90° for Prismatic diffuser with UGR<19
Service Life	L80 (25°C) \geq 50.000h
IP Rating	IP20
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 6063
Diffuser Material	Polystyrene (PS)
LGD Material	Acrylic (PMMA)
Storage Temp.	-40 °C~+80 °C
Working Temp.	-20 °C~+45 °C
Mount	Surface Mounted, Pendant, Recessed
Package	1pcs per gift box, 20pcs 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.

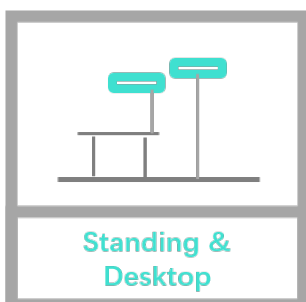
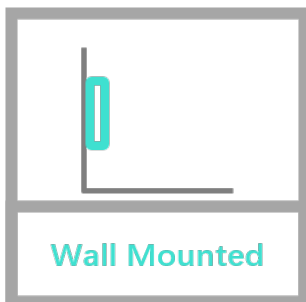
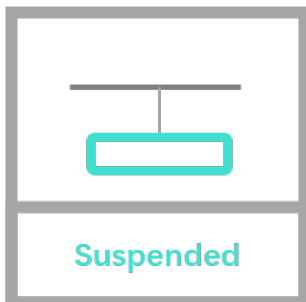
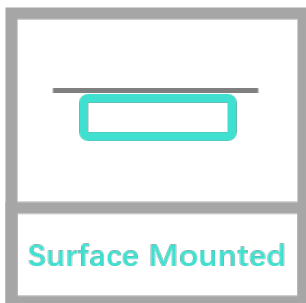
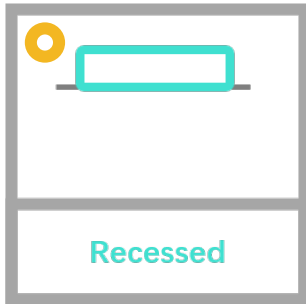
Rev: 1.2 2021/10/2

>>> More Cyanlite™ Products



Cyanlite Slim LED Round Panel Lights CYNTHIA series





Cyanlite™

LED Luminaires

For

- **Recessed**
- Surface Mounted
- Suspended
- Wall Mounted
- Standing & Desktop
- Installations

www.cyanlite.com

