LED Round Panel Light - CYNTHIA

Cyanlite round panel light series Cynthia is an edge lit luminaire. It looks like a perfect family by adopting same aluminum profile from diameter 40cm to 120cm. The structure is solid with thickness of 20mm. Typical value is up to 120LM/W; flicker free on/off driver as standard, 1-10V dimming, and Dali dimming driver plus push dimming are optional. The main materials are aluminum profiles, powder coated backplate and PMMA light guide.

Opalic diffuser and micro prismatic diffuser are optional. Direct and indirect version is available in 3 ways: transparent, opalic pendant, and opalic stem mounting or surface mounting. The product family is especially designed for office, hotel, school, shop, and other open planed location.



Features



- Simple and exquisite design
- Lumen efficiency up to 120LM/W at 4000K
- Lighting is uniform and healthy
- Mean Well DALI dimming plus push dimming driver optional
- 5 years warranty

Applications

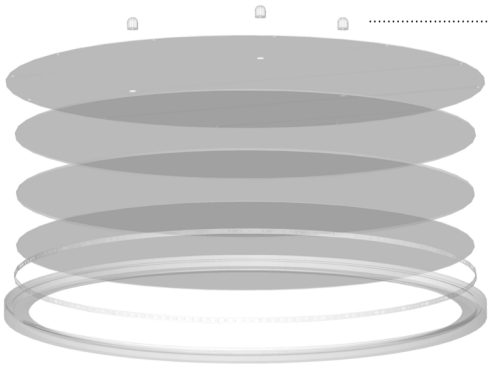


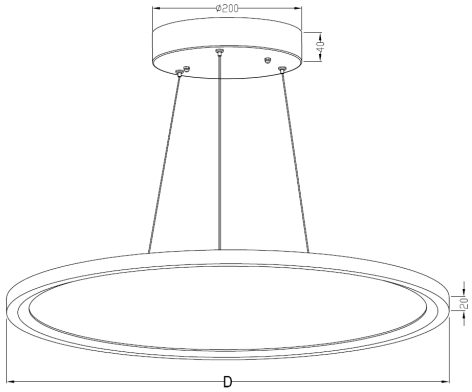
- Office
- Shops and Retail
- Architectural
- Hotel
- Restaurant
- Meeting Room
- Hallway
- Lobby

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Detailed Structure & Dimension





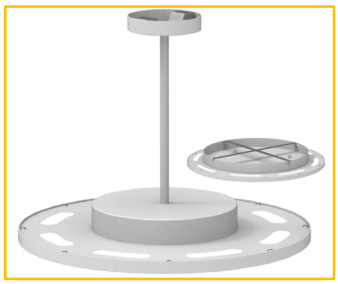
Model	D40	D50	D60	D80	D100	D120
Diameter	400±2mm	500±2mm	600±2mm	780±2mm	1000±2mm	1200±2mm
Height	20±2mm	20±2mm	20±2mm	20±2mm	20±2mm	20±2mm

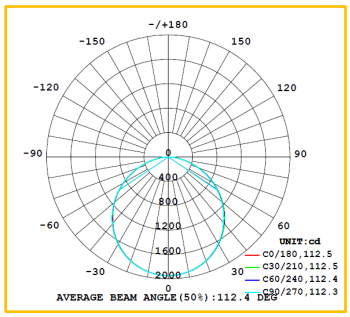
Light Distribution



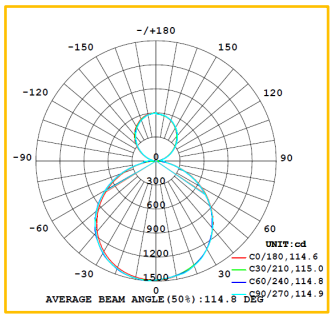




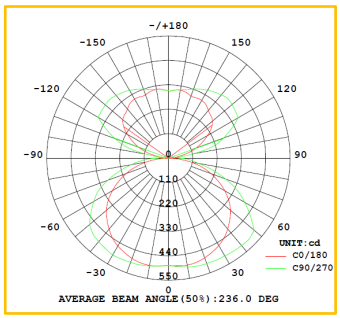




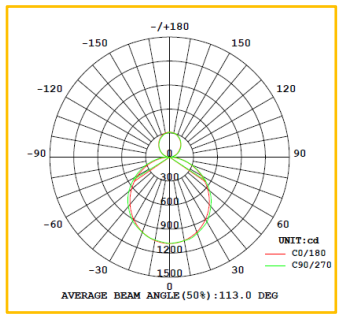
down light only



up & down opalic



up & down transparent



up & down opalic S

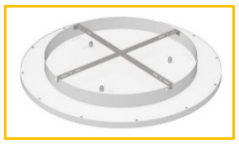
Installation

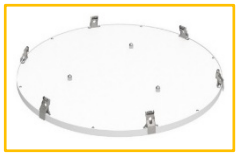


Pendant



Stem mounting





Disc surface & Clip recessed

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Technical Data

Model	D40	D50	D60	D80	D100	D120
Product Dimension	⌀400*20mm	⌀500*20mm	⌀600*20mm	⌀780*20mm	⌀1000*20mm	⌀1200*20mm
Item No.	PR28WD40	PR32WD50	PR40WD60	PR55WD80	PR75WDH0	PR85WDH2
Luminous Flux	2940lm	3360lm	4800lm	6600lm	9000lm	10200lm
System Power	28W	32W	40W	55W	75W	85W
Efficacy at 4KK	105lm/W	105lm/W	120lm/W	120lm/W	120lm/W	120lm/W
Working Current	1050mA	1050mA	1050mA	1400mA	1800mA	1800mA
Working Voltage	24±2V/DC	27±2V/DC	36±2V/DC	35±2V/DC	35±2V/DC	40±3V/DC
CRI (Ra)	Ra>80 standard; Ra>97 optional					
Color Temp.	3000K/3500K/4000K/5000K/6000K					
Lighting Method	Side-lit					
Light Source	SMD2835					
SDCM	<3					
Beam Angel	110°					
Service Life	L70 (25°C) = 50.000h					
IP Rating	IP20					
Impact Resistance	IK04					
Hot Wire Resistance	650°C					
Dimmable	On/off standard; 1-10V dim and Dali dim optional					
Nominal Frequency	50/60Hz					
Power Factor	>0.9					
Input Voltage	200~240V					
Flick Free	Yes					
Housing Color	RAL9016 white standard; RAL9005 black optional					
Housing Material	Aluminum frame, powder coated steel backplate					
LGD Material	Acrylic (PMMA)					
Diffuser Material	Polystyrene (PS)					
Storage Temp.	-40˚C~+80˚C					
Working Temp.	-20˚C~+45˚C					
Mount	Wire pendant standard; stem pendant, surface mounted and recessed optional					
Package	1pcs per gift box, 5pcs 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.

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