



2

LIGHTING SQUARED

DISCUS 180 DOWNLIGHT

960LM / AC100-130V / 12W

Project Name:

Date:

Type:

Parameters:**Optical Parameters:**

CCT:	2800-3200K/4000-4500K/5000-6500K
Lumen output(lm)±5%:	960 LM@3000K
Lumen efficacy:	80 LM/W
LED Type / Qty:	SMD2835 / 84PCS
CRI:	>80

Electrical Parameters:

Rated Power(W)±5%:	12W
Rated / Actual Input:	AC 100-130V / 60Hz
Driver output Data:	120Vdc/ 70mA/ 8.4W
Power Factor / THD / PE:	>90% / <30 / 70%
Driver/Connection:	Driver Inside
Beam Angle:	120°
Over Load / Short Circuit:	Protection

Life:

Warranty:	5 years
Lumen Maintenance:	80,000hrs
LM80:	>97.1% lumen maintance@6000hrs

Others:

Dimmable Solution:	Triac (UL)
IP/IK/Glow-wire:	IP44
Operating Temp:	-20°C~ +40°C
Storage Temp:	-40°C~ +85°C
Frame Color RAL:	White / Black / Silver



AC100~130V



80,000H



5 Years



Ra 80+



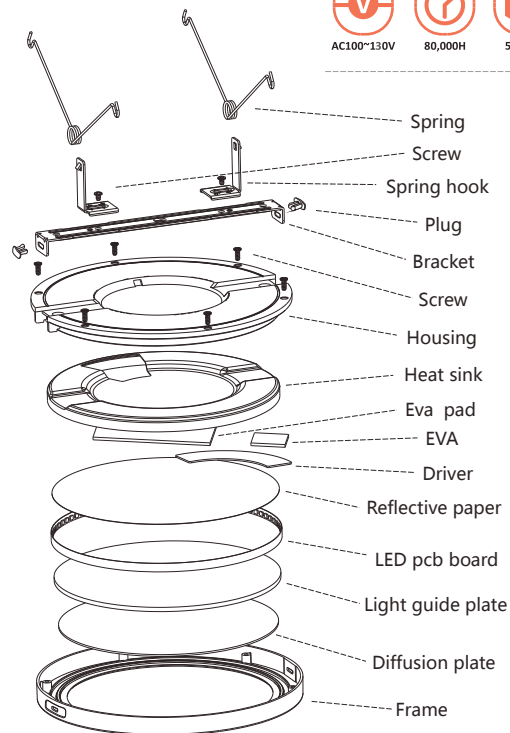
Dimmable



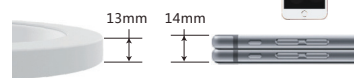
120



PF>0.9

**Dimension:**

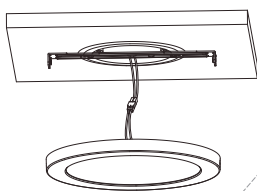
2x



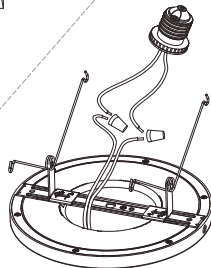
Φ7" x .52"



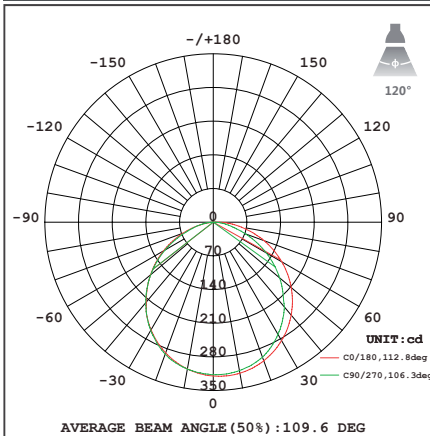
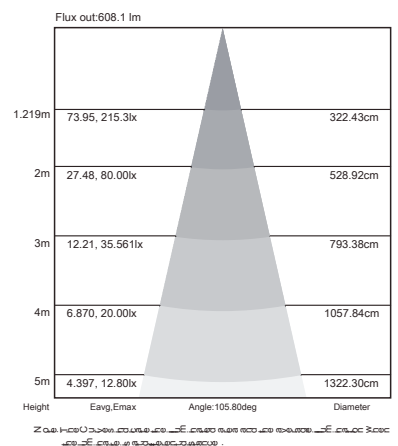
- White
- Black
- Silver

**INSTALLATION METHOD**

A.
J-Box installation is applied
to 6W/12W/18W/24W
mini panel for North
American market



B.
5/6" Can is applied to 12W/18W/24W mini panel
for North American market

POLAR CURVES WIDE DISTRIBUTION**AVERAGE AND CENTER FIGURE**

LIGHTING SQUARED
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