Date:---------- Location: ----------

Product:----------Project:----------

Quantity:----------Catalog#----------

5CCT Round Ceiling downlight LED



FEATURES

- 5CCT adjustable ceiling light, flexible switching for diverse lighting a mbiances
- Diffuse reflection structure, soft anti-glare light for eye comfort
- Moisture-proof, stable operation in damp environments
- Long lifespan with low light decay, low maintenance cost
- Slim compact design, space-saving embedded installation, fits all ceiling styles
- Sturdy durable body, excellent heat dissipation protects internal components

SUITABLE APPLICATIONS

- Office Lighting
- Meeting Room Lighting
- Store Lighting
- Restaurant Lighting
- Commercial Lobby Lighting
- Retail Shop Lighting
- Café & Bakery Lighting
- Co-working Space Lighting

Product Overview

This ceiling light is crafted from a composite of PC material and iron, boasting a modern minimalist design. It features easy installation and uniform illumination, making it highly suitable for a wide range of residential and commercial spaces. It not only meets the daily basic lighting needs but also adorns the spatial style with its exquisite shape, creating a comfortable and bright lighting ambience for the environment. The scientific combination of PC material and iron cleverly avoids the cumbersomeness and electric conduction risks of all-metal lamp bodies, while also making up for the insufficient strength of ordinary plastic lamp bodies, perfectly achieving the core advantages of stable protection and aesthetic design.

Dimmable design with verified compatibility with dimmers from top-tier brands Lutron and Leviton.

RECOMMENDED DIMMERS

LUTRON	LUTRON	LUTRON	LEVITON	LEVITON	LEVITON
TG-600PR-WH	TGCL-153PH-LA	SCL-153PH-VH	PD-6WCL	6672	RNL06
S-600PR-WH	SVL-600P-AL	CT-600P	MSCL-OP153M	6674	IPL06
CTCL-153PDH-WH	DV-600PR-WH	DVCL-153P	MACL-153M/MA-R		DSL06

PERFORMANCE

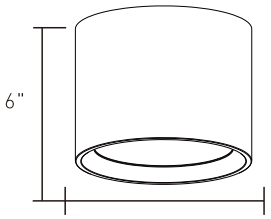
Model NO	Various lamp body colors	Wattage	Voltage/CurrentInput	UGR	Size	Tunable CCT
			120V			
P595-K88-X120B5T-W1	White/Black	8W	0.06A	≤19	Φ5.47"*6"	27K/30K/35K/40K/50K
P597-K128-X120B5T-W1	White/Black	12W	0.10A	≤19	Φ7.24"*6"	27K/30K/35K/40K/50K
P599-K188-X120B5T-W1	White/Black	18W	0.10A	≤19	Φ9"*7"	27K/30K/35K/40K/50K

Electric Characteristic

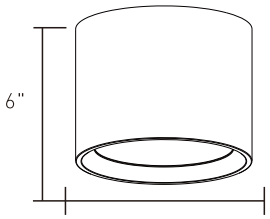
Specification/Model	P595-K88-X120B5T-W1	P597-K128-X120B5T-W1	P599-K188-X120B5T-W1
LED Driver	UL Driver	UL Driver	UL Driver
Input power	8W	12W	18W
Lumens output	560LM	960LM	1440LM
Efficiency	70LM/W	80LM/W	80LM/W
CRI	＞80	＞80	＞80
Color Temperature	2700/3000/3500/4000/5000K	2700/3000/3500/4000/5000K	2700/3000/3500/4000/5000K
Input voltage	120V/AC	120V/AC	120V/AC
Light distribution type	120D	120D	120D
Working temperature	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	⩾90%	⩾90%	⩾90%
Certificate	ENERGY STAR ETL cETL	ENERGY STAR ETL cETL	ENERGY STAR ETL cETL
Equivalent	16–24W MH/HPS	24-48W MH/HPS	48-90W MH/HPS

DIMENSION

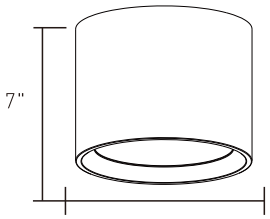
P595-K88-X120B5T-W1



P597-K128-X120B5T-W1

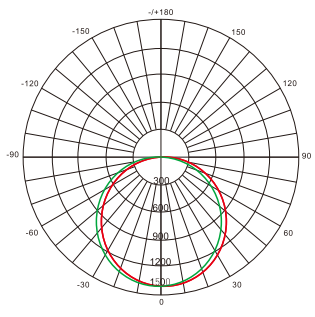


P599-K188-X120B5T-W1



DISTRIBUTION DIAGRAM

P595-K88-X120B5T-W1

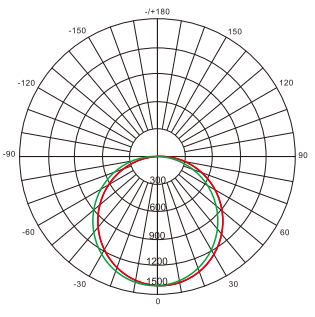


AVERAGE BEAM ANGLE(50%): 120°

Lumens:560LM
Test Number:8W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

P597-K128-X120B5T-W1

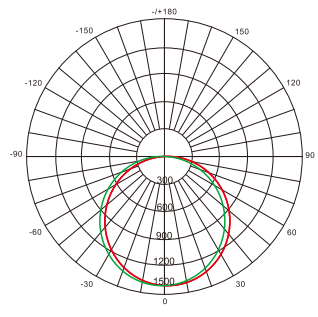


AVERAGE BEAM ANGLE(50%): 120°

Lumens:960LM
Test Number:12W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

P599-K188-X120B5T-W1

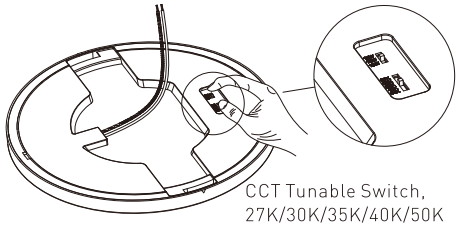


AVERAGE BEAM ANGLE(50%): 120°

Lumens:1440LM
Test Number:18W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

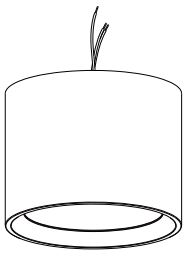
INSTALLATION MANUAL

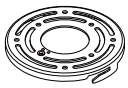


CCT Tunable Switch,
27K/30K/35K/40K/50K

For CCT switchable lamps, select the desired CCT by adjusting the rotary switch prior to installation.

PACKAGE CON





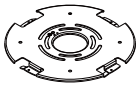
x1 PCS (5/7")

Applicable to 5/7 "



x1 PCS (9")

Applicable to 9"



x1 PCS (12/15")

Applicable to 12/15"

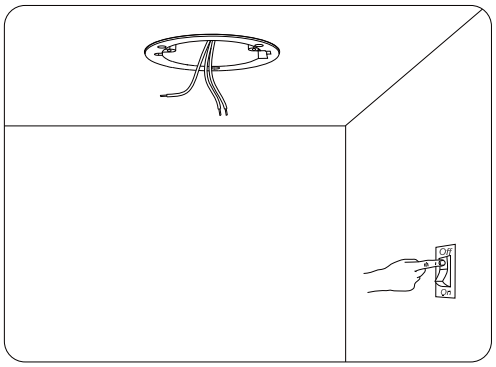


x3 PCS

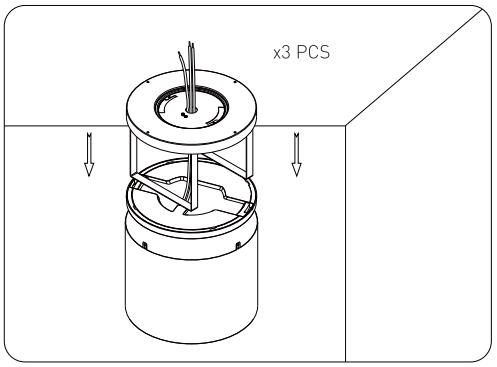


x3 PCS

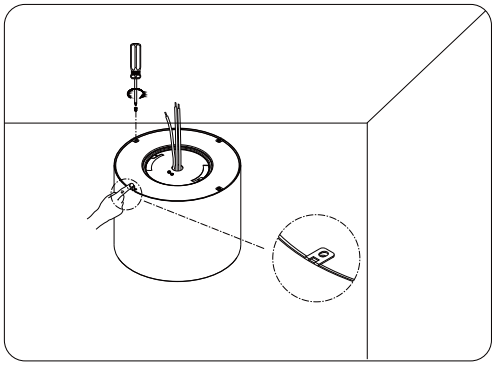
TRIM INSTALLATION



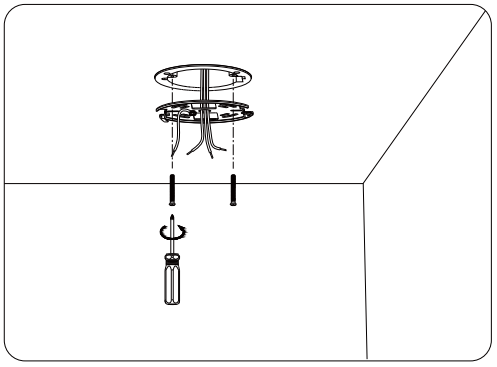
1.Disconnect the external power supply.



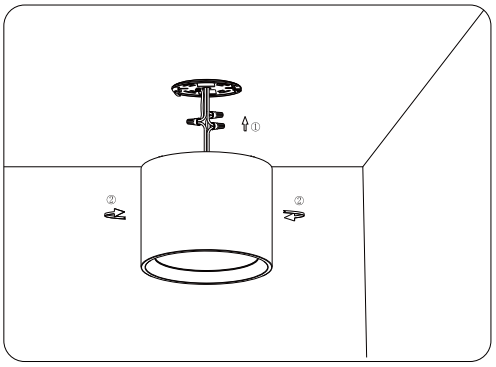
2.Fit the decorative frame liner of the lamp housing into the decorative frame.



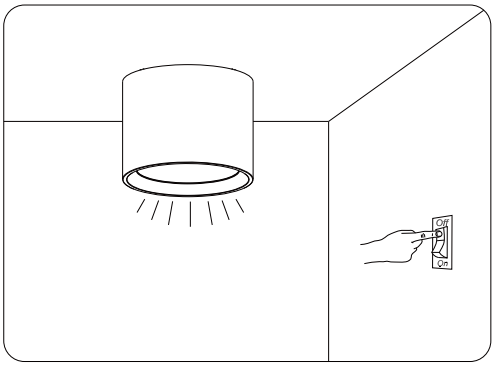
3.Bend the hooks on the decorative frame and secure the liner with screws.



4.Fasten the mounting bracket to the ceiling above the junction box with screws.



5.Use wire nuts to connect the live (L) and neutral (N) wires from the junction box to the corresponding L/N wires of the lamp. Connect the ground wires of the decorative frame and mounting bracket to the ground wire from the junction box. Align the lamp's card slot with the mounting bracket's buckle, push the lamp upward, and rotate it until it is fully secured.



6.Gently shake the lamp body to verify the installation firmness, then power on the lamp to confirm normal illumination. Installation is now complete.