

SAFELINE
We illuminate your future

DOWNLIGHT



MODEL:SL-C109

7W/12W15W//18W/20W/24W

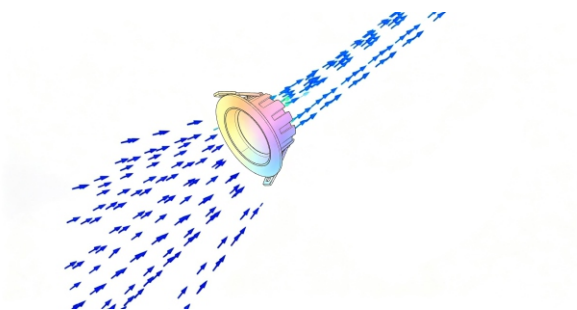


OVERVIEW

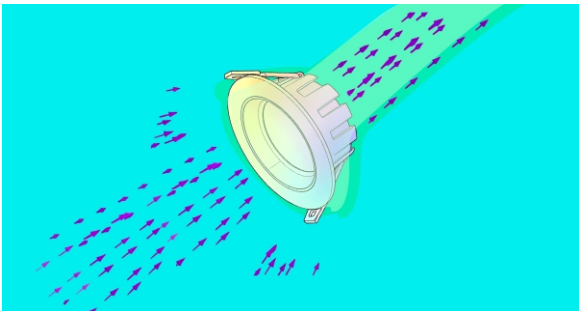


THERMAL MANAGEMENT

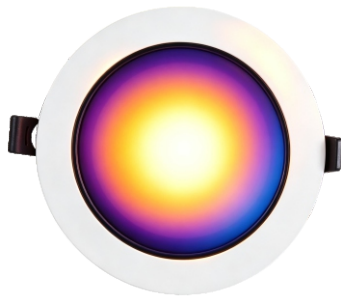
Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.



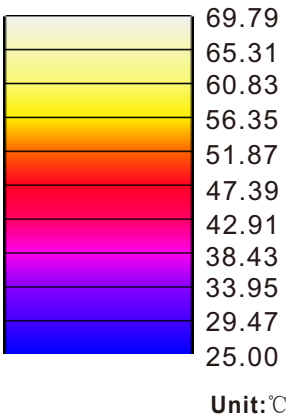
Thermal Air Convection



Thermal Effects to Air



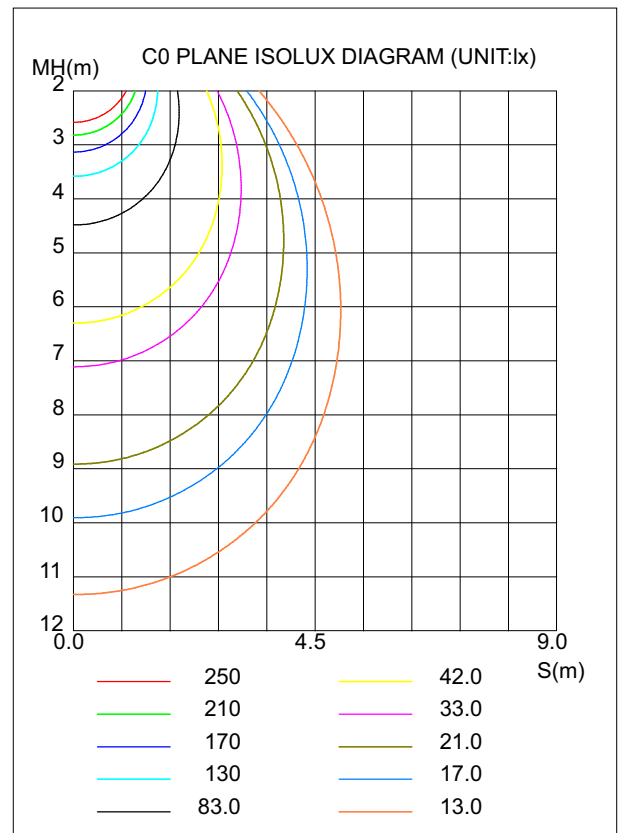
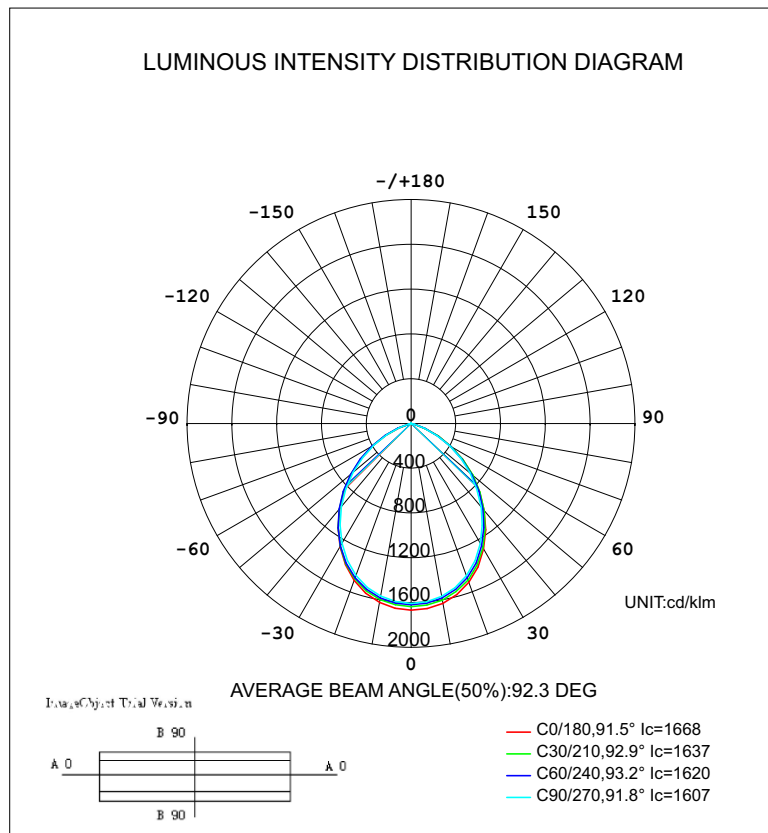
Thermal Conductivity



LUMINAIRE PHOTOMETRIC TEST REPORT

MODEL: SL-C109 TYPE: 6500K

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 42.7 lm/W
MODEL	SL-C109	Imax(cd/klm)	1668	S/MH(C0/180)	1.15	
NOMINAL POWER(W)	10	LOR(%)	332.3	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm/klm)	3323.1	η UP,DN(C0-180)	0.1,162.1	
NOMINAL FLUX(lm)	130	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,170.1	
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	220.0	η down(%)	332.2	CIBSE SHR MAX	1.25	



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.431m [K=1.0000]

SPECIFICATIONS



PARAMETERS

model	SL-C109-7W	SL-C109-12W	SL-C109-15W	SL-C109-18W	SL-C109-20W	SL-C109-24W
Lamp Power	7W	10W	15W	18W	20W	24W
Diameter	Φ 100mm	Φ 120mm	Φ 150mm	Φ 175mm	Φ 197mm	Φ 23mm
Cutout Size	Φ 75-90mm	Φ 90-110mm	Φ 120-140mm	Φ 140-165mm	Φ 160-185mm	Φ 190-220mm
Material	Aluminium+PC					
Body Color	Black+White					
Beam Angle	100°					
Light Source	Sa' an					
Luminous Flux	60lm/W					
CRI	Ra≥80					
LED Color (CCT)	3000K/4000K/6500K/3CCT					
Driver Type	Isolated drive					
Input Voltage	AC100-240V					
PF	≥0.5					
Frequency	50/60Hz					
IP Grade	Ip20					
Life Time	30000H					
Warranty	3Years					

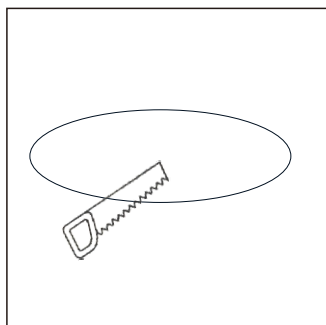
PACKING DETAILS

Lamp Power	PCS/CTN	Packing Size(CM)	CBM	40HQ/PCS
SL-C109-7W	100	63*57*24CM	0.086	789
SL-C109-12W	50	67*32*28CM	0.060	1132
SL-C109-15W	40	66*32*34CM	0.072	946
SL-C109-18W	30	56*32*38CM	0.068	998
SL-C109-20W	20	42*37*42CM	0.065	1041
SL-C109-24W	20	50*37*50CM	0.093	735

PACKAGINS

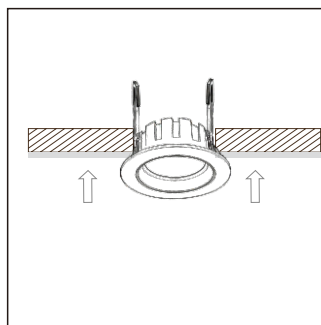
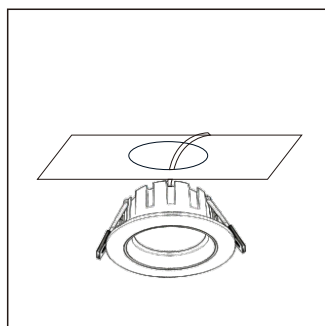


Installation Type



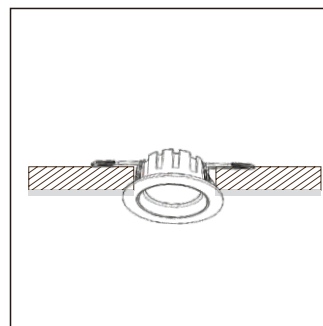
1. Drill holes in the ceiling according to the specifications of the lighting fixtures

2. Disconnect the power supply and connect the power cord to the mains power supply

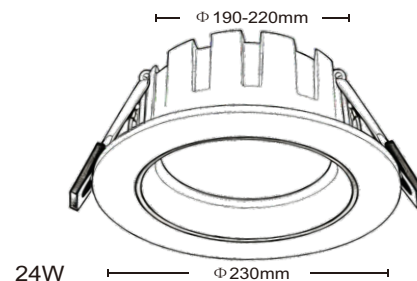
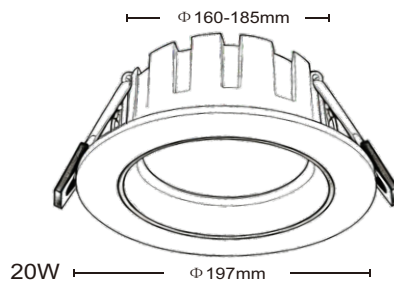
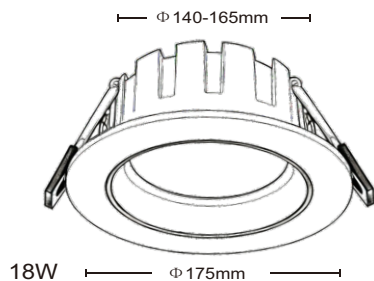
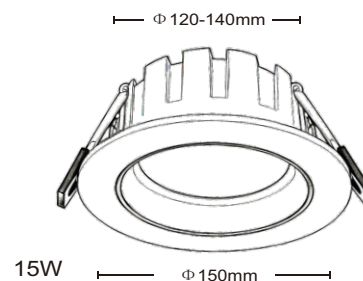
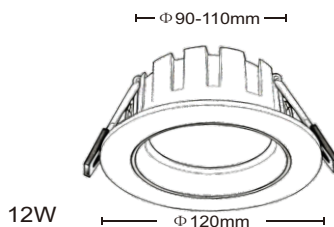
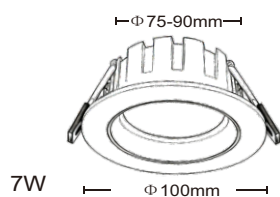


3. Push it into the installation hole in the direction of the arrow as shown in the diagram

4. Installation completed



DIAGRAMS



FEATURES



1.AC100-240V

2.LED chip :
BRIDGELUX CHIP/OSRAMCHIP



OSRAM

3.Driver brand:LIFUD/EAGLERISE

LIFUD

EAGLERISE
伊戈尔

4.IP20 Suitable for indoor use

5.Export certificate is available

6.die-cast aluminum lamp body



EMG REACH EEL IECEE

CAUTIONS:

1. Installation must be done by professional electricians .
2. Do NOT take apart the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to the eyes
It is harmful by our own to repair or replace without any charge.

WARRANTY:

- 1.The manufacturer guarantees the down lights to be free from material and workmanship defects for a period of 3 years
2. Warranty becomes void if the products is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user.
3. During the warranty time, if the products fails at normal environment and we will repair or replace it free of charge at our discretion

