

LED Downlight

Aurora



White

Black

Silver

Nickel brushed



Introduction

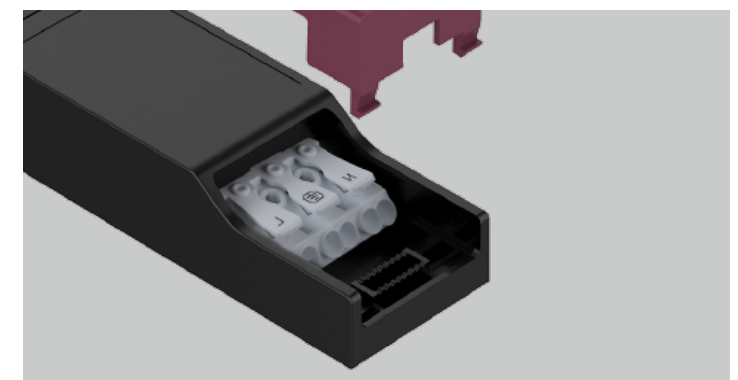
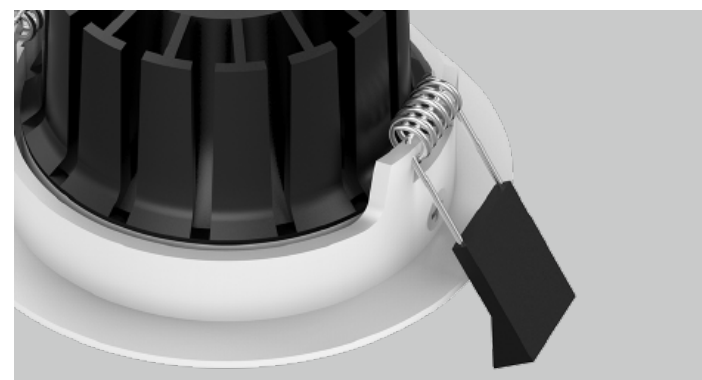
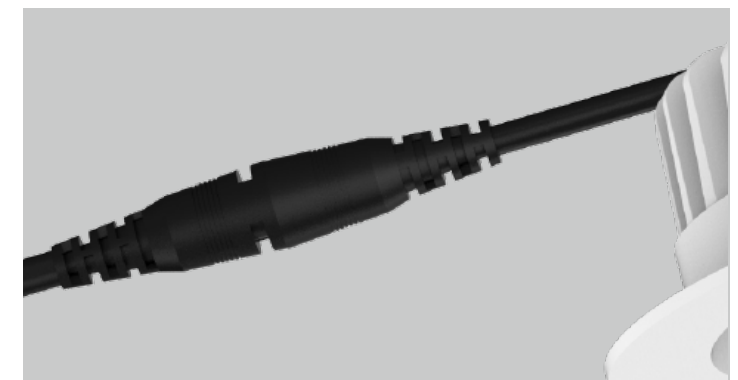
Up-shine Mini downlight is specially designed for European market with standard cutout size of 80mm. 15°/24°/36°/60°beam angle provided, applicable for various lighting effect. Smart optical design with combination of COB LED and PC reflector, 25 degree flexible rotary head makes installation easier and better.

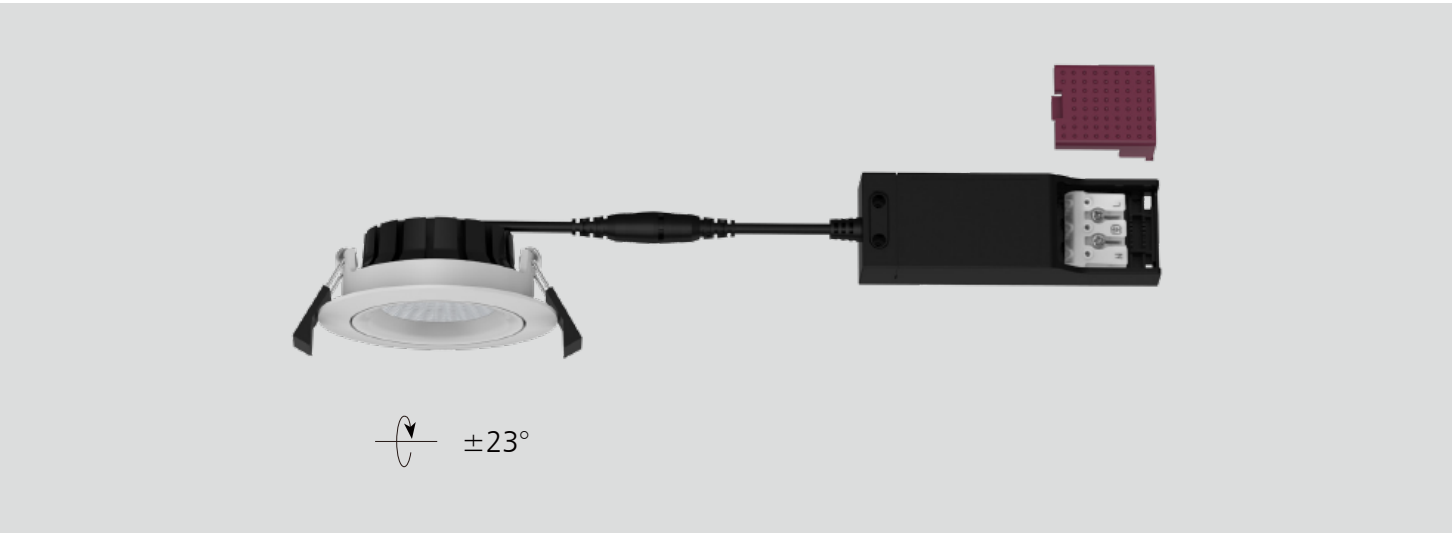
Features

- Suitable for covering with insulation material directly.
- Easy installation with push terminals, loop-in / out design.
- Dim to warm 2000-3000K option
- Cutout 82-88mm.
- CRI80/90 for single CCT, CRI97 for Dim-to-Warm version
- IP54 in front part
- Finished color: White/Black/Silver/Nickel brushed
- Replaceable driver.
- Triac/0-10V/DALI dimming available

Application Areas

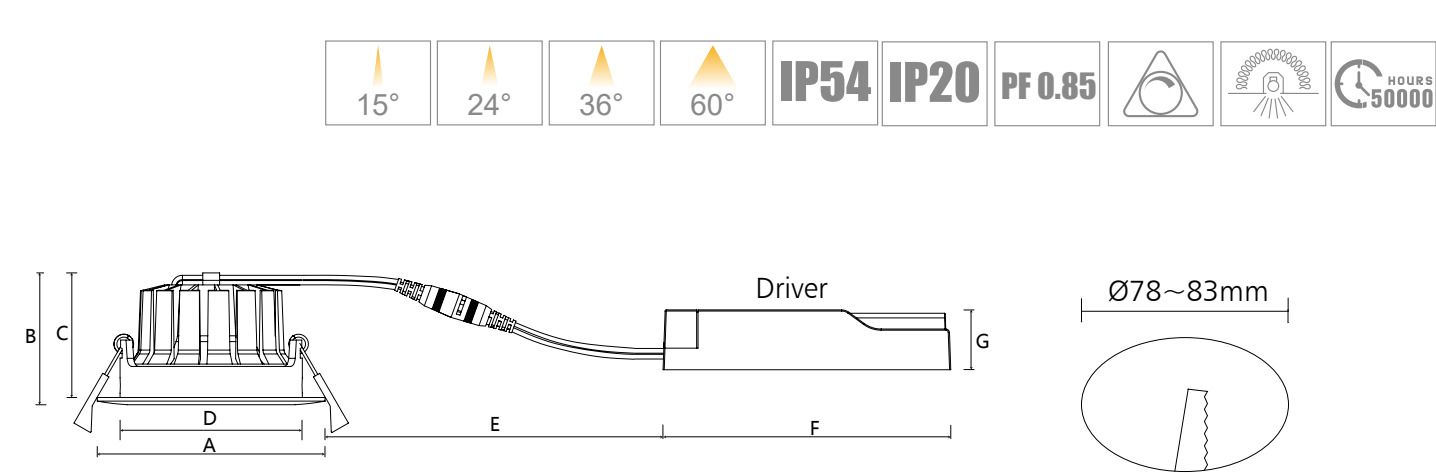
It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.





Technical Data Sheet

Code No.			CL76-3-8W-D			CL76-3-10W-D			CL76-3-8W-DW	CL76-3-10W-DW
Dimension(mm)			Ø95*55			Ø95*55			Ø95*55	Ø95*55
Cutout (mm)			Ø82-88			Ø82-88			Ø82-88	Ø82-88
Watt(W)			8W			10W			8W	10W
Rated Input Voltage(V)			AC230V							
Input Voltage(V)			AC200-240V							
LED Module Input			DC33-38V							
Light Source			SMD							
SDCM			<6							
CCT(K)			2700K/3000K/4000K/5000K						WW: 2000-3000K	
CCT Selection DIP Switch			NO						NO	
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	—	—	—	—	—	—	—	—
	DIM		490~560	460~530	430~500	680~740	660~720	640~700	430~500	640~700
	Non-DIM	CCT change	—	—	—	—	—	—	—	—
	DIM		—	—	—	—	—	—	—	—
CRI			80	90	95	80	90	95	90-97	90-97
Beam Angle (°)			15°/24°/36°/60°							
UGR			—							
LED Driver			Built-out							
Dimming Option			Triac/ DALI/ 0-10V							
Sensor			NO							
Emergency Kits			YES							
Electrical Class			Class II							
Ingress Protection (IP Rating)			IP54(Below Ceiling) IP20(Inside Ceiling)							
Impact Resistance (IK Rating)			IK06							
Product Finishing(Base)			White RAL 9016							
Materials of Optics			PC							
Materials of Housing			Aluminium							
Lifetime (hr)			50,000h							
Glow wire test (°C)			750°C							
Operating Temp. (°C)			-20°C~ 45°C							
Storage Temp. (°C)			-20°C~ 65°C							
Installation			Recessed							



Measurement

Code	Dimension(mm)							Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E	F	G		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
CL76-3-8W	95	55	52	78	210	120	25	Ø95*55	0.4	0.45	9.6	12.5	39.5*27*42.5	24	14760	35568
CL76-3-10W	95	55	52	78	210	120	25	Ø95*55	0.4	0.45	9.6	12.5	39.5*27*42.5	24	14760	35568

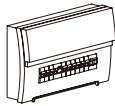
Driver Datasheet (Triac-Dimmable)

Total load wattage		8W	10W
Output	Output Voltage range	DC30-40V	DC30-40V
	Rated output current	140mA±5%	220mA±5%
	Line Regulation	±5%	±5%
	Setup, Rise Time	≤0.5S	≤0.5S
	Flickering Index	<10%	<10%
Input	Input Voltage	AC200-240V	AC200-240V
	Rated Input Voltage(V)	AC230V	AC230V
	Frequency	50Hz	50Hz
	Input Current	≤0.05A	≤0.06A
	Rated Input Current	0.04A	0.05A
	Power Factor	0.85	0.85
	THD	—	—
	Efficiency	73%	77%
	No load wattage	≤1W	
Protection	Short circuit protection	Pass	
	Over voltage protection	Pass	
	Over temperature protection	Pass	
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S; I/P-FG:1.6KVac,<5mA 60S; O/P-FG:0.5KVac,<5mA 60S	
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω (Lamp test)	
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV)	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547	

Installation Procedure

WARNING ⚡

- 1.Switch off before installation / maintenance.
- 2.Switch on only after complete installation and examination of the circuit.
- 3.Professional electrician for installation and maintenance only.



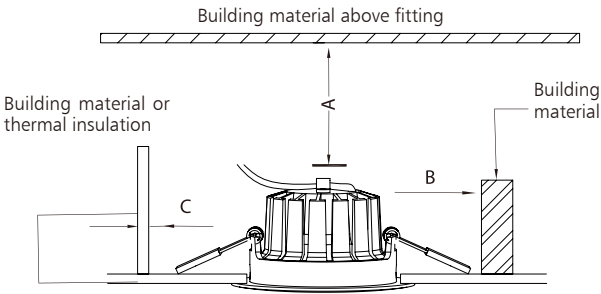
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

How to install



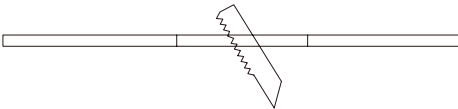
Installation

Install requirements	
A-gap above the fitting	0mm
B-gap to the building material	0mm
C-gap to the thermal insulation	0mm

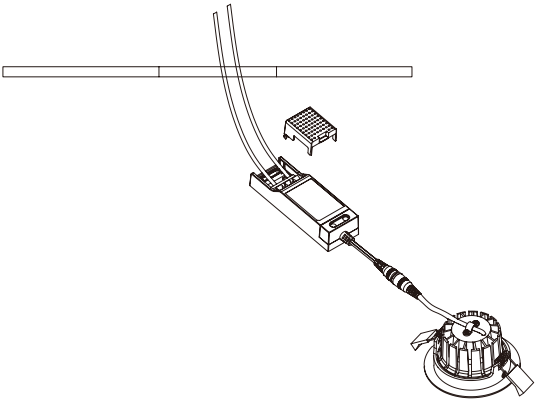


Step 1

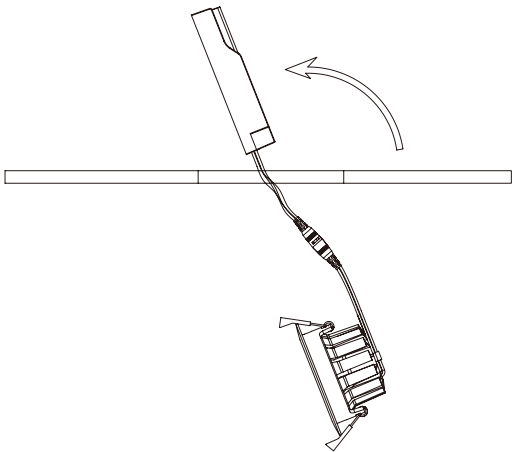
Ceiling Opening Ø82-88mm



Step 2

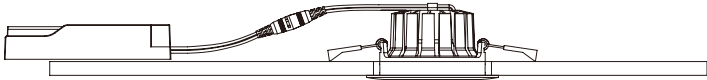


Step 3



Step 4

Finish



2019
ECO
Specifications

2019
STD
Specifications

2019
PRO
Specifications

2019
ODM
Specifications

2019

INT
Intelligent

www.ba-lighting.no
post@ba-lighting.no Tlf: 371 60 400
Adr.: Holthesvei 2, 4848 ARENDAL

BA
LIGHTING