SPECIFICATION

LED Surface Mounted Downlight

DL207

BA LIGHTING

Introduction

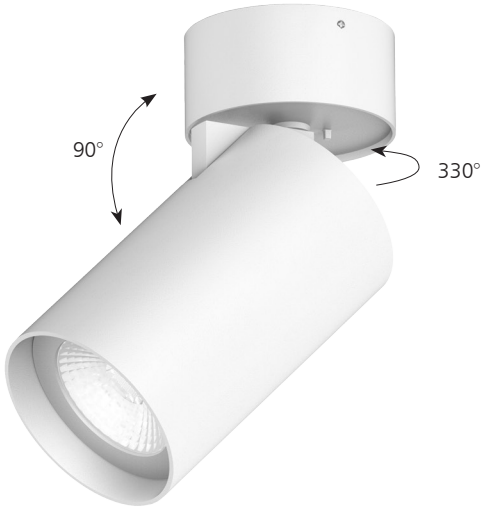
DL207 is a Surface Mounted Downlight, the light direction can be adjusted with hemispherical rotation; Adopts brand COB makes uniform light and excellent lumen output; Non-dimmable and Triac dimmable are both available.

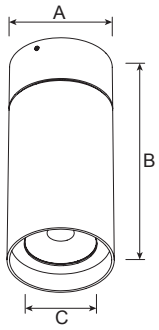
Features

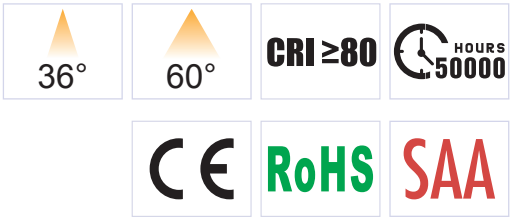
1. Simple and unique design, easier installation.
2. With wide changeable lighting orientation, adjusted flexibly with hemispherical rotation.
3. Aluminium and fire-rated PC material makes the excellent heat dissipation.

Application Areas

It is suitable for supermarket, specialty store, show window, exhibition hall; focus lighting, decorative and background lighting, where attention is focused on subjects to emphasize special visual points.







Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
15W	85	186	57	Ø85*186	0.67	0.78	8.04	10.39	55.5*42*26	12	5400	13200
25W	85	211	57	Ø85*211	0.73	0.85	8.76	11.27	55.5*42*28.5	12	4980	12000

Technical Data Sheet

Model No.			DL207-15W	DL207-25W
Watt(W)			15W	25W
Dimension(mm)			Ø85*186	Ø85*211
Rated Input Voltage(V)			AC100-240V || AC230V	
Input Voltage(V)			AC85-265V || AC200-240V	
LED			COB	
SDCM			≤6	
CCT(K)			1-CCT: 2700K / 3000K / 4000K / 5000K	
"Luminous Flux (lm) ±5%"	1-CCT	Non-DIM	1300~1750	2150~2900
		DIM	1230~1660	2040~2750
CRI			>80	
Beam Angle (°)			36° / 60°	
LED Driver			Built-in	
DIM			Yes	
Protection Class			Class Ⅰ	
IP Rating			IP20	
IK Rating			–	
Finishing color			White RAL 9016	
Material			AL+PC	
Lifetime (hr)			50,000h	
Glow wire test (°C)			650°C	
Operating Temp.(°C)			-20°C ~45°C	
Storage Temp.(°C)			-20°C ~65°C	
Installation			Surface Mounted	
Brand Driver option			–	

Driver Datasheet (Non-dimmable)

Power	15W	25W
Rated Input Voltage(V)	AC100-240V	
Frequency	50/60Hz	
Input Voltage	AC85-265V	
Efficiency	≥85%	
Total load wattage	15W±1W	25W±5%
Power Factor	0.9	
Rated Input Current	≤0.17A	≤0.28A
Full load output voltage	DC28-40V	DC28-40V
Rated output curent	350mA	600mA
Output current range	350mA±5%	600mA±5%
Power tolerance	5%	
Current output tolerance	5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	–	<20%
Surge	L-N 0.5KV ; L-N-PE 1KV	L-N 1KV ; L-N-PE 2KV
Withstand voltage	AC1500V	

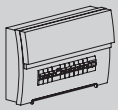
Driver Datasheet (Triac Dimmable)

Power	15W	25W
Rated Input Voltage(V)	AC230V	
Frequency	50Hz	
Input Voltage	AC200-240V	
Efficiency	≥83%	
Total load wattage	15W±1W	25W±5%
Power Factor	0.9	
Rated Input Current	≤0.09A	≤0.14A
Full load output voltage	DC30-40V	DC30-40V
Rated output curent	350mA	580mA
Output current range	350mA±5%	580mA±5%
Power tolerance	5%	
Current output tolerance	5%	
Dimming Range	8%-100%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	<20% @ 230V	<20% @ 230V
Surge	L-N-PE 1.5KV	L-N-PE 1.5KV
Withstand voltage	AC3750V / 5mA / 60S	

Installation Procedure

WARNING

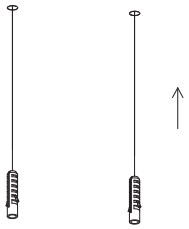
1.Switch off before installation.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.



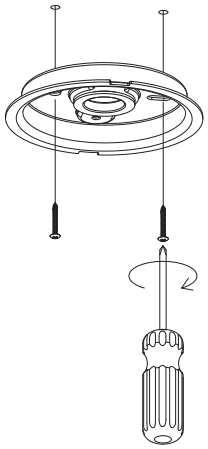
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

How to install

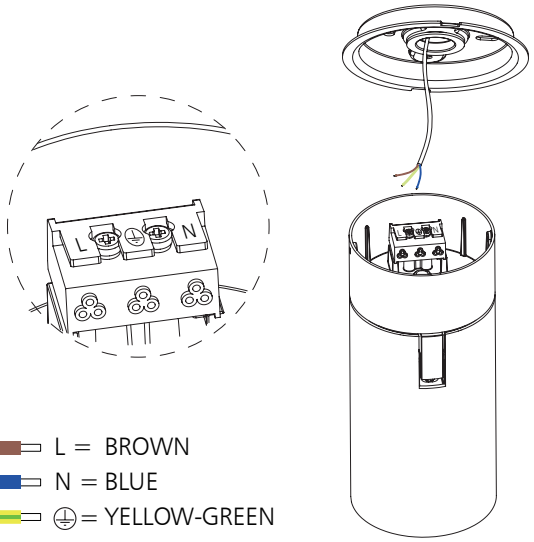
Step 1



Step 2

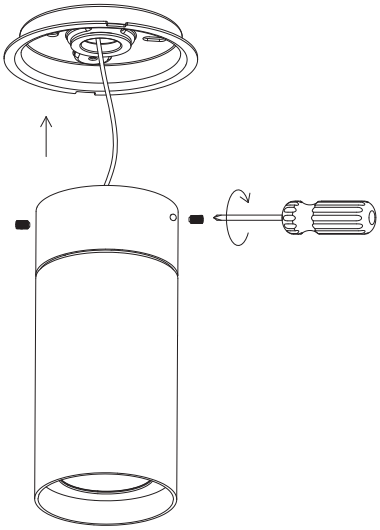
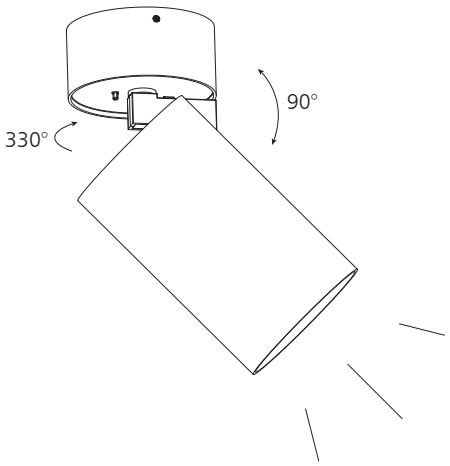
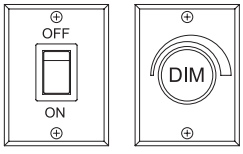


Step 3



L = BROWN
N = BLUE
⏚ = YELLOW-GREEN

Step 4



Step 5