



SL-DL244





Introduction

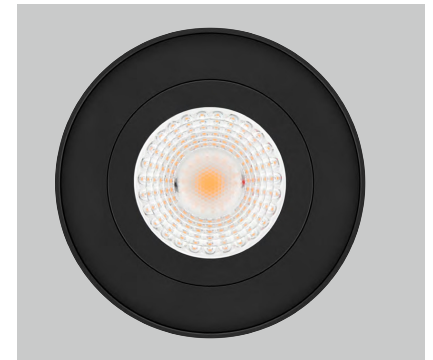
Surface mounted down light adopts brand COB, it has high transmittance lens and high reflective reflector options; The ADC12 heat sink and multi-layer structure provide excellent thermal dissipation; Adjustable lighting direction-rotate 360°in horizontal and 23°in vertical- offer all possible lighting effects. Built-in driver solution both in dim and Non-dim version achieves great dimming compatibility with the worldwide brand dimmers.

Features

- Adjustable lighting direction: 360°in horizontal and 23°in vertical.
- High lumen efficiency,100lm/W.
- Finish color: White/Black/Silver
- Lens/ reflector versions optional.
- Quick-connect terminal for easier installation.
- Triac dimmable available.
- Internal driver.

Application Areas

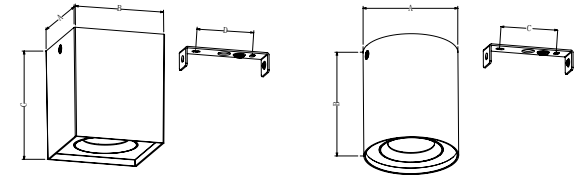
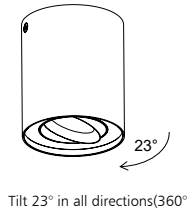
It is designed for general lighting applications in hotel, home, office, shop etc. It is also widely used for public areas such as stairway, lobby, reception, corridors etc.





Technical Data Sheet

Code No.	DL244-6W	DL244-10W
Dimension(mm)	Ø90*108 (round) / 90*90*108(square)	
Cutout (mm)	-	
Watt(W)	6W	10W
Rated Input Voltage(V)	230V	
Input Voltage(V)	180-264V	180-265V
LED Module Input	-	
Light Source	COB	
SDCM	-	
CCT(K)	1-CCT: 2700K / 3000K / 4000K / 5000K	
CCT Selection DIP Switch	NO	
Luminous Flux (lm) ±5%	Lens 480-710 Reflector 520-730	700-1060 740-1090
CRI	≥80	
Beam Angle (°)	15° / 24° / 36° / 60°	
UGR	-	
LED Driver	Built-in	
Dimming Option	Triac	
Sensor	NO	
Emergency Kits	NO	
Electrical Class	Class I	
Ingress Protection (IP Rating)	IP20 (for other part) / IP54 (only for the LED cover)	
Impact Resistance (IK Rating)	IK06	
Product Finishing(Base)	White / Black / Silver	
Materials of Optics	PC	
Materials of Housing	Die-casting	
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	Surface mount	



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		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DL244-6W	90	108	56	-	Ø90*108	0.435	0.485	11.64	13.14	50.5*38*30	24PCS	12312	28944
DL244-10W	90	108	56	-	Ø90*108	0.435	0.485	11.64	13.14	50.5*38*30	24PCS	12312	28944
DL244-6W	90	90	108	56	90*90*108	0.515	0.565	13.56	15.06	50.5*38*30	24PCS	12312	28944
DL244-10W	90	90	108	56	90*90*108	0.515	0.565	13.56	15.06	50.5*38*30	24PCS	12312	28944

Driver Datasheet (Non-dimmable)

Total load wattage		6W	10W
Output	Output Voltage range	28-40V	
	Rated output current	140mA	230mA
	Line Regulation	±5%	
	Setup, Rise Time	<0.5S	
	Flickering Index	-	
Input	Input Voltage	180-264V	180-265V
	Rated Input Voltage(V)	200-240V	200-240V
	Frequency	50/60Hz	
	Input Current	0.04A	0.07A
	Rated Input Current	0.04A	0.06A
	Power Factor	0.9	
	THD	<20% @230V	
	Efficiency	80%	
	No load wattage	0.5W	0.5W
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	
	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		

Driver Datasheet (Triac Dimmable)

Total load wattage		6W	10W
Output	Output Voltage range	30-40V	30-40V
	Rated output current	130mA	220mA
	Line Regulation	±5%	
	Setup, Rise Time	≤1S	
	Flickering Index	-	<10%
Input	Input Voltage	200-240V	
	Rated Input Voltage(V)	230V	
	Frequency	50Hz	
	Input Current	0.04A	0.06A
	Rated Input Current	0.03A	0.05A
	Power Factor	0.9	
	THD	-	
	Efficiency	≥78%	
	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	
	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.

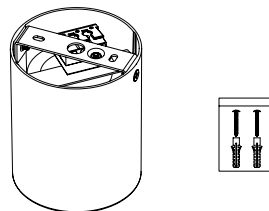


Turn off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Surface mount

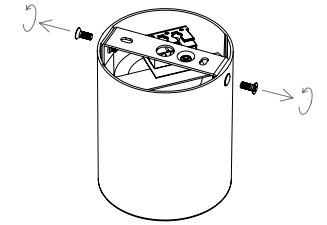
Step 1

Take out the lamp and accessory pack.



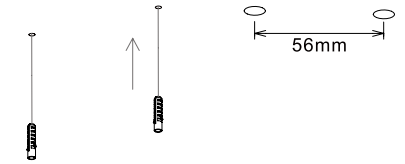
Step 2

Loosen the screws on surface mounted frame.



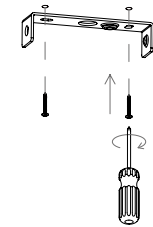
Step 3

Knock the anchor into the ceiling according to the hole distance.



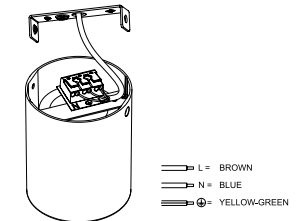
Step 4

Fix the frame by screws.



Step 5

Fix the "L""N""G"into the terminal block.



Step 6

Screw back the lamp to the frame according to step 2, adjust the lighting direction.

