

Measurement

Mode	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				
3"	110	30	81.5	87	Ø110*30	0.25	0.3	9	12.2	36*36*32	36	24192	55296
4"	145	30	106	115	Ø145*30	0.35	0.43	10.5	14.5	46.5*38.5*32	30	12750	26250
6"	190	30	143	152	Ø190*30	0.5	0.6	12	16	60*47.5*26	24	8640	21840
8"	225	34	173	185	Ø225*34	0.65	0.8	7.8	11.2	47.5*28.5*35	12	4608	10368

Technical Data Sheet

Model No.	DL210W3-CCT	DL213W3-CCT	DL213W4-CCT	DL218W4-CCT	DL218W6-CCT	DL225W6-CCT	DL225W8-CCT	DL235W8-CCT	DL242W8-CCT		
Watt(W)	10W	13W	13W	18W	18W	25W	25W	35W	42W		
Dimension(mm)	Ø110*30		Ø145*30		Ø190*30		Ø225*34				
Cutout(mm)	Ø90-95		Ø120-130		Ø160-170		Ø200-210				
Rated Input Voltage(V)	AC230V										
Input Voltage(V)	AC200-240V										
LED	SMD										
SDCM	<6										
CCT(K)	1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K + 4000K + 5700K										
Luminous Flux (lm) ±5%	1-CCT	Non-DIM	780~950	1100~1220	1120~1270	1670~1850	1660~1800	2300~2500	2280~2550	3300~3500	3780~4410
		DIM	760~920	1080~1200	1100~1250	1640~1820	1620~1760	2250~2450	2250~2500	3300~3500	3780~4410
	3-CCT	Non-DIM	780~1000	1100~1320	1120~1370	1670~1980	1620~1930	2300~2750	2180~2750	3300~3900	3780~4750
		DIM	760~980	1080~1300	1100~1350	1640~1950	1580~1890	2250~2700	2130~2700	3300~3900	3780~4750
CRI	≥80										
Beam Angle (°)	90°										
LED Driver	Built-out										
DIM	Triac										
CCT Selection Switch	Yes										
Protection Class	ClassII										
IP Rating	Cover IP54										
IK Rating	-										
Finishing color	White RAL 9016										
Material	ADC12										
Lifetime (hr)	50,000										
Glow wire test (°C)	750°C										
Operating Temp.(°C)	-20°C ~40 °C										
Storage Temp.(°C)	-20°C ~65 °C										
Installation	Recessed										
Brand Driver option	Philips, Tridonic										

Driver Datasheet (Non-Dimmable)

Power	10W	13W	18W	25W	35W	42W
Rated Input Voltage(V)	AC230V					
Frequency	50/60Hz					
Input Voltage	AC220-240V					
Efficiency	80%	83%	84%	85%	86%	86%
Total load wattage	10W±1W	13W±1W	18W±1W	25W±5%	35W±5%	42W±5%
Power Factor	0.9					0.9
Rated Input Current	≤0.05A	≤0.1A	≤0.11A	≤0.16A	≤0.21A	≤0.21A
Full load output voltage	DC28-40V	DC28-40V	DC28-40V	DC28-40V	DC28-40V	28-40VDC
Rated output current	250mA	350mA	500mA	700mA	850mA	1050mA
Output current range	250mA±5%	350mA±5%	500mA±5%	700mA±5%	850mA±5%	1050mA±5%
Power tolerance	±5%					
Current output tolerance	±5%					
Short circuit protection	PASS					
Over voltage protection	PASS					
Over temperature protection	PASS					
THD	-			<20% @ 230V		
Surge	L-N 500V			L-N 1KV		
Withstand voltage	AC3750V					

Driver Datasheet (Triac Dimmable)

Power	10W	13W	18W	25W	35W	42W
Rated Input Voltage(V)	AC230V					
Frequency	50Hz					
Input Voltage	AC220-240V					
Efficiency	82%	82%	85%	85%	85%	85%
Total load wattage	10W±1W	13W±1W	18W±1W	25W±5%	35W±5%	42W±5%
Power Factor	0.9					
Rated Input Current	≤0.06A	≤0.07A	≤0.1A	≤0.14A	≤0.2A	≤0.2A
Full load output voltage	DC23-40V	DC23-40V	DC23-40V	DC23-40V	DC23-40V	23-40VDC
Rated output current	230mA	350mA	500mA	700mA	800mA	1050mA
Output current range	230mA±5%	350mA±5%	500mA±5%	700mA±5%	800mA±5%	1050mA±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%		
Surge	L-N 500V			L-N 1KV		
Withstand voltage	AC3750V					

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.

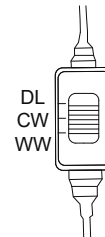


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

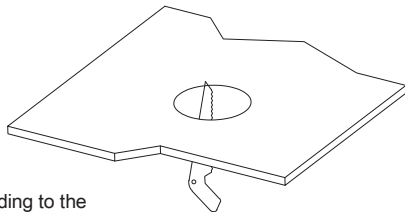
■ Recessed Installation

For the product with Slide Switch of CCT Selection, please select the light CCT (DL/CW/WW) before installation.

Slide switch for
CCT selection

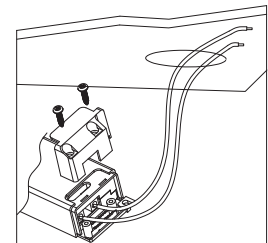


Step 1



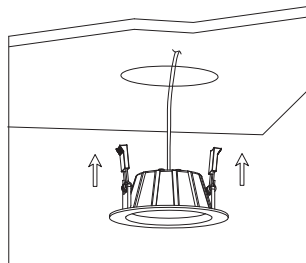
Open a hole according to the cutout size of led downlight.

Step 2



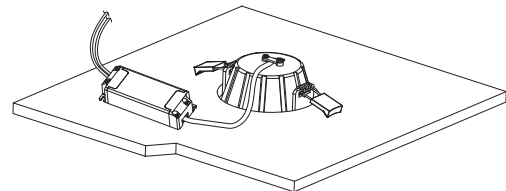
Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.

Step 3



Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

Step 4



Make sure the downlight fixed tightly in ceiling, turn on the power.