



## WATERPROOF DOWNLIGHT

Ref No: GR-DL-15WW

CE RoHS IP65   





This downlight is improved from common downlight adding a waterproof rubber, to increase protection level up to be IP65, so that it can be used for some moisture environments such as kitchen, balcony, or bathroom. It is made of die-cast aluminum and High CRI, Lumens COB or SMD chips. It is perfect solution to do projects

### Complete Product Data

Order Number	GR-DL-15WW
Total Wattage	15W±5%
Mounting Type	Recessed mounted
Dimension(mm)	ø145×H60mm
Outcut(mm)	Ø120-125mm
IP Grade	IP65 waterproof
Luminaries Lumens	1350-1600lm
Beam angle	120°
Working temperature	-25°C ~ +55°C
Certificates standard	CE LVD EMC RoHS
Warranty	5Years
Package	/

### Control Gear/Driver Data

LED driver brand	 
Input voltage	220-240VAC 50/60Hz
Output voltage	30-42Vdc
Output current	350-400mA
Power Factor	>0.5 as standard; >0.9 optional
Surge protection	1-2KV
Efficiency	>87% @230V
IP Grade	IP20
THD	<15% @230V
Dimmable	No, but available to select it as Triac/0-10V/DALI if needed
Free flicker	Yes
Protection	Open Circuit Protection / short Circuit protection/
Certificates	TUV、CCC、RCM、CE、CB
Warranty	5Years

## Material&Housing Data

Housing Color	White trim+ black heat sink
Housing Material	Aluminum
Cover	PC Cover only for SMD version; Glass cover for COB version
Reflector material	PC reflector silver finish only for COB version
Fixation material	Steel
Connector	Quickly connectors

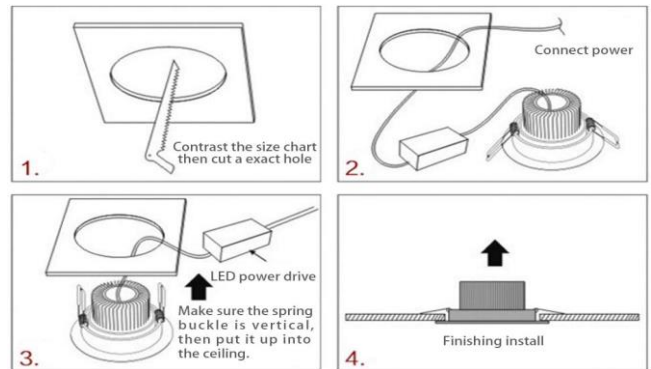
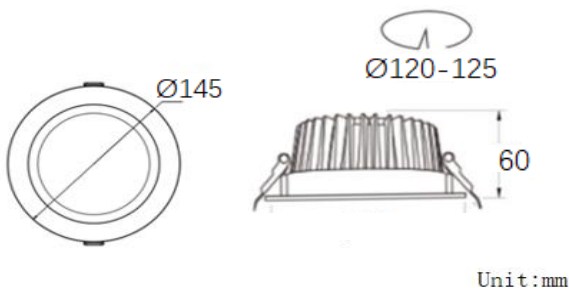
## Photometric Data

LED chip brand	Bridgelux / Osram
Chip type	SMD / COB optional
Color temperature	2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K
CRI	>Ra90
Life time	>50000Hrs
Lumens	110-130lm/W
SDCM	<5
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

## Optional

Dimming Type	Triac dim/ 0-10V dim/ DALI dimmable optional
Dimming driver brand	<b>KOPU</b> <b>EAGLE RISE</b> <b>OSRAM</b> <b>EUCHIPS</b> <b>Lifud</b> <b>LTECH</b> <b>SUNRICHER</b>
Emergency backup	Battery backup with 3Hours for 2-5Watt

## Dimension & Install



## Lighting Distribution

