



ANTI GLARE DOWNLIGHT

Ref No: GR-DL-18WA



LED Downlight adopt deep anti-glare design with UGR<16, with top quality aluminum as housing and bridgelux chips, delivers a superior LED alternative that's up to 60% more energy efficient than the conventional downlight retrofits. It is also ideal for all commercial lighting applications. White/black/Silver reflectors optional.


Complete Product Data

Order Number	GR-DL-18WA
Total Wattage	18W±5%
Mounting Type	Recessed mounted
Dimension(mm)	Ø162*72mm
Outcut(mm)	Ø145-150mm
IP Grade	IP44 (IP54 Max)
Luminaries Lumens	1750-2000lm
Beam angle	90°
Working temperature	-25°C ~ +55°C
Certificates standard	CE LVD EMC RoHS
Warranty	3/5Years
UGR	<16

Control Gear/Driver Data

LED driver brand	GuanX / LiFud/ Eagleries/ Osram/Philips options
Input voltage	220-240VAC 50/60Hz
Output voltage	30-42Vdc
Output current	400-450mA
Power Factor	>0.5 as standard; >0.9 optional
Surge protection	1KV
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	3/5Years

Material&Housing Data

Housing Color	White finished
Housing Material	Aluminum
Lens	High quality PC lens
Reflector material	PC reflector, white as standard, black/silver/gold optional 
Fixation material	Steel
Connector	Quickly connectors

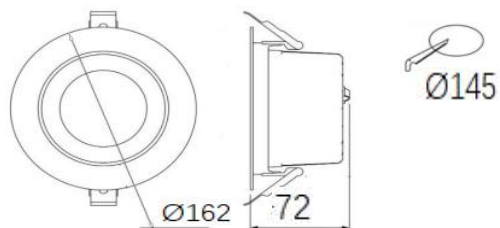
Photometric Data

LED chip brand	Bridgelux / Epistar
Chip type	COB
Color temperature	2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K
CRI	>Ra90
Life time	>50000Hrs
Lumens	120-150lm/W
SDCM	<5 or <3
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

Optional

Dimming Type	Triac dim/ 0-10V dim/ DALI dimmable optional
Dimming driver brand	KOPU EAGLERISE OSRAM EUCHIPS LIFUD
Emergency backup	Battery backup with 3Hours for 3-5Watt

Dimension & Install



Unit:mm

Lighting Distribution

