



## SURFACE MOUNT DOWNLIGHT

Ref No: GR-FM-12WB

LED Downlight is top level in quality and design, it is the best choice to do commercial lighting projects, made of aluminum and reflectors. Black/White housing finished available, It is available to be suspension installation with additional ropes. and dimmable function also can be available if need.



### Complete Product Data

Order Number	GR-FM-12WB
Total Wattage	12W±5%
Mounting Type	Surface mounted as standard, suspension available if needed
Dimension(mm)	Φ75*130mm
Outcut(mm)	/
IP Grade	IP20 (IP44 for front)
Luminaries Lumens	1100-1200lm
Beam angle	60°
Working temperature	-30°C ~ +60°C
Certificates standard	CE LVD EMC RoHS
Warranty	3/5Years
Package	/

### Control Gear Data

LED driver brand	LiFud® EAGLE RISE
Input voltage	220-240VAC 50/60Hz
Output voltage	30-42Vdc
Output current	250-300mA
Power Factor	>0.5 as standard, >0.9 optional
Surge protection	1KV
Efficiency	>86% @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	Short circuit, open circuit, overcurrent, overvoltage protection
Certificates	CCC、RCM、CE、CB
Warranty	3/5Years

## Material&Housing Data

Housing Color	Matt white/ black housing color
Housing Material	Aluminum
Cover material	polycarbonate Cover
Reflector	PMMA Silver
Lens	/
Surface part	Metal

## Photometric Data

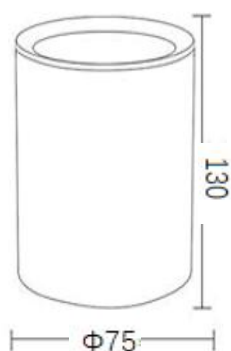
LED chip brand	Bridgelux /Osram
Chip type	COB
Color temperature	2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K
CRI	>Ra90
Life time	>50000Hrs
Lumens	120-140lm/W
SDCM	<5 or <3
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

## Optional

Dimming Type	Triac dim/ 0-10V dimmable optional
Dimming driver brand	EAGLERISE <b>KOPU</b>
Emergency backup	/
Suspension rope	option



## Dimension



Unit:mm

## Lighting Distribution

