



COMMERCIAL DOWNLIGHT

Ref No: GR-DL-7WB-05



LED Downlight adopt deep anti-glare design, low glare value performance, and consists of Osram/Bridgelux COB or SMD chips, delivers a superior LED alternative that's up to 60% more energy efficient than the conventional downlight retrofits. There are different lens options, one for COB with 15/24/36° beam angle, other is for SMD with 60°. Different reflector colors are optional, and dimmable, emergency kits are optional. It is also ideal for all commercial lighting applications.

Complete Product Data

Order Number	GR-DL-7WB-05
Total Wattage	7W±5% (5W available if needed)
Mounting Type	Recessed mounted
Dimension(mm)	Ø62*H45mm
Outcut(mm)	Ø55mm
IP Grade	IP44
Luminaries Lumens	630-730lm (450-530lm for 5W)
Beam angle	15/24/36° for COB Type; 60° for SMD type optional
Working temperature	-25°C ~ +55°C
Certificates standard	CE LVD EMC RoHS
Warranty	3/5Years
Package	/

Control Gear/Driver Data

LED driver brand	LiFud EAGLERISE OSRAM
Input voltage	110/220-240VAC 50/60Hz
Output voltage	30-42Vdc
Output current	120-200mA
Power Factor	>0.5
Surge protection	1KV
Efficiency	>83% @230V
IP Grade	IP22
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	CCC、RCM、CE、CB
Warranty	3/5Years

Material&Housing Data

Housing Color	White finished as standard, black optional
Housing Material	Aluminum
Cover	PMMA cover
Reflector material	PMMA
Fixation material	Steel
Connector	Quickly connectors

Photometric Data

LED chip brand	Bridgelux / Osram/ CITIZEN
Chip type	COB
Color temperature	2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K
CRI	>Ra90 (97 Max)
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 <small>EAGLERISE</small> OSRAM <small>EUCHIPS</small> Lifud
Emergency backup	Battery backup with 3Hours for 2-3Watt
Reflector color	White/black 

Dimension & Install



Unit:mm

Lighting Distribution

