



## RECESSED LED DOWNLIGHT

Ref No: GR-DL-24WE



LED Downlight 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 as well as public indoor space where there is limited space in the ceiling. It is also ok to do 3CCT & Wattage selectable version.

### Complete Product Data

Order Number	GR-DL-24WE
Total Wattage	24W±5% ( for selectable wattage version: 25W 20W 18W selectable)
Mounting Type	Recessed mounted
Dimension(mm)	Ø190*H55mm
Outcut(mm)	Ø170-175mm
IP Grade	IP44 for front
Luminaries Lumens	2300-2500lm
Beam angle	110° as standard
Working temperature	-25°C ~ +55°C
Certificates standard	CE LVD EMC RoHS
Warranty	3/5Years
Package	/

### Control Gear/Driver Data

LED driver brand	LiFud/Eagleries/GuanX/Philips brand
Input voltage	220-240VAC 50/60Hz
Output voltage	30-48Vdc
Output current	550-65mA
Power Factor	>0.5 or >0.9
Surge protection	1KV
Efficiency	>88% @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	CE ENEC SAA
Warranty	3/5Years

## Material&Housing Data

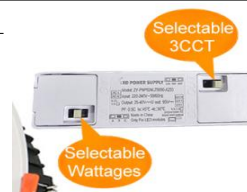
Housing Color	White trim finished
Housing Material	Aluminum
Heat sink	Die-cast aluminum, grey/ black finished
Reflector material	/
Fixation material	Steel
Connector	Quickly connectors

## Photometric Data

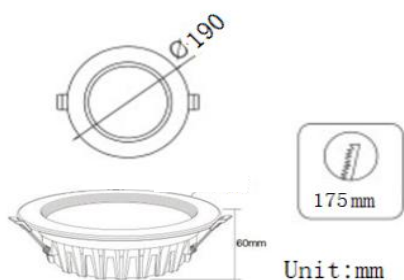
LED chip brand	Bridgelux/Osram optional
Chip type	SMD
Color temperature	2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K
CRI	>80
Life time	>50000Hrs
Lumens	110-130lm/W
SDCM	<5 OR <3
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

## Optional

Dimming Type	Triac dim/ 0-10V dim/ DALI dimmable optional
Dimming driver brand	<b>KOPU</b> <b>EAGLE RISE</b> <b>LIFUD</b>
Emergency backup	Battery backup with 1-3Hours for 2-5Watt
3CCT & Wattages	(100%-80%-60% of wattages+3CCT)



## Dimension



## Lighting Distribution

