

#### **RECESSED DOWNLIGHT**

Ref No: GR-DL-10WA-1 C€RoHIP44 □ △ ≚ 🆄



LED Downlight adopt top quality aluminum as housing and Bridgelux SMD chips, delivers a superior LED alternative that'sup to 60% more energy efficient than the conventional downlight retrofits. The input voltage can be low voltage like DC12V 24V 36V and 48V or high voltage 110/220-240VAC options. It is also ideal for all commercial lighting applications as well as public indoor space where there is limited space in the ceiling.

#### **Complete Product Data**

Order Number	GR-DL-10WA-1
Total Wattage	10W±5%
Mounting Type	Recessed mounted
Dimension(mm)	Ø115*H48mm
Outcut(mm)	Ø95mm
IP Grade	IP44
Luminaries Lumens	950-1100lm
Beam angle	110°
Working temperature	-25℃ ~ +55℃
Certificates standard	CE LVD EMC RoHS
Warranty	3/5Years
Package	

#### **Control Gear/Driver Data**

LED driver Type	Isolated driver
Input voltage	DC12V/24V/36V/48V or AC220-240V 50/60Hz
Output voltage	30-42Vdc
Output current	250-300mA
Power Factor	>0.5 or >0.85
Surge protection	1KV
Efficiency	>87%
IP Grade	IP20
THD	<15%
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

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## Material&Housing Data

Housing Color	White finished
Housing Material	Aluminum
Heat sink	Die-cast aluminum, white finished
Cover	PMMA Plastic
Fixation material	Steel
Connector	Quickly connectors

## Photometric Data

LED chip brand	Bridgelux / Osram
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
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

# **Optional**

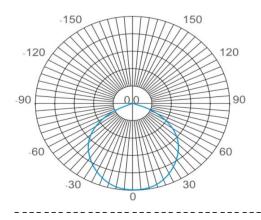
Dimming Type	Triac dim/ 0-10V dim/ DALI dimmable optional
Dimming driver brand	KOPU EAGLERISE OSRAM WEUCHIPS LIFUd
Emergency backup	Battery backup with 3Hours for 2-5Watt

# **Dimension**



Unit:mm

## **Lighting Distribution**



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