

# PRODUCT DATASHEET

## DOWNLIGHTS | SPOTLIGHTS-PAINTABLE PLASTER LIGHT

Downlights | Recessed mounted spotlight | 12w | Square shape

Code# GC07010-12



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### Areas of Application

- Shops
- Villa
- Hotel
- Club
- Corridors, stairways, entrance areas
- Galleries, museums residential interiors

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### Product Features

- Module structure, separate embedded installation, adapted to different led light source and beam angles
- The height of the embedded parts can be adjusted
- Lamp can be adjusted the irradiation direction for precise lighting
- Deep hidden light source for anti glare
- Energy savings of up to 90% compared to halogen lamp spotlights
- High luminous efficacy, high CRI
- CCT optional and dimmable
- Uniform light output and good consistency, without flicker

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## Complete Product Data

<b>Code#</b>	GC07010-12
<b>Wattage</b>	12W
<b>Installation Type</b>	Recessed
<b>Dimension</b>	L220mm*W220mm*H135mm
<b>Cutout</b>	225mm*225mm
<b>IP Rating</b>	IP20
<b>Luminous Flux</b>	960lm
<b>Beam Angle</b>	15°, 24°, 36°
<b>Working Temperature</b>	-25°C ~55°C
<b>Certificates</b>	/
<b>Warranty</b>	3 Years
<b>Packing Size</b>	/

## Driver Data

<b>Driver Brand</b>	Tridonic, Osram, Philips, Lifud, Euchips, Eaglerise, etc.
<b>Input Voltage</b>	100-250VAC 50/60hz
<b>Output Voltage</b>	30-42Vdc
<b>Output Current</b>	300mA
<b>Power Factor</b>	>0.5 as standard; >0.9 optional
<b>Efficiently</b>	87% @230v
<b>IP Rating</b>	IP20
<b>Dimmable</b>	Non-Dimmable/Triac/0-10v/Dali Optional
<b>Free Flicker</b>	Yes
<b>Certificates</b>	CE, CB, CCC, ENEC
<b>Warranty</b>	3/5 Years

## Material&Housing Data

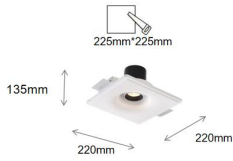
<b>Housing Color</b>	White
<b>Reflector Color</b>	White
<b>Housing Material</b>	Gypsum

## Photometric Data

<b>LED chip brand</b>	Cree/ Osram /Bridgelux/ Epistar etc.
<b>Chip Type</b>	COB
<b>Color Temperature</b>	2700K, 3000K, 4000K, 5000K, 6000K
<b>CRI</b>	>80, >90
<b>Life time</b>	>50000Hrs
<b>Lumens efficacy</b>	100-120lm/w

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## Dimensions&Installation



**PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.** Please read the instructions before you install and use the downlight.

1. Make sure the power is turned off in which you are installing the products.
2. Open the hole in the ceiling according to the lamp size. (Fig 1)
3. Put the embedded parts of lamps into back side, pay attention to pull the wire out. (Fig 2)
4. The self-tapping screw goes through the ceiling and locks the embedded wings of the lamp. (Fig 3)
5. Plaster the edge of embedded parts until the edge smooth with ceiling. (Fig 4)
6. Connect the light source module of the lamp to the mains supply and push it into the embedded parts. (Fig 5)
7. Restore power at the source and the installation is complete. (Fig 6)