



SURFACE MOUNT DOWNLIGHT

Ref No: GR-FM-7WQ



LED Downlight is surface solution, made of metal, PCB and diffuser plate. Black/White housing finished available. And it is available to do suspension installation with extra ropes. High CRI, High Lumens output, stable quality, making it to be a perfect choices for commercial lighting.

Complete Product Data

| | |
|-----------------------|-----------------|
| Order Number | GR-FM-7WQ |
| Total Wattage | 7W±5% |
| Mounting Type | Surface mounted |
| Dimension(mm) | Φ105*75mm |
| Outcut(mm) | / |
| IP Grade | IP20 (IP44 max) |
| Luminaries Lumens | 630-750lm |
| Beam angle | 120° |
| Working temperature | -30°C ~ +55°C |
| Certificates standard | CE LVD EMC RoHS |
| Warranty | 3/5Years |
| Package | / |

Control Gear Data

| | |
|------------------|--|
| LED driver brand | Guanx/Golumen/LiFud/Eagleries/Osram |
| Input voltage | 220-240VAC 50/60Hz |
| Output voltage | 30-42Vdc |
| Output current | 180-200mA |
| Power Factor | >0.5 or >0.85 |
| Surge protection | 1KV |
| Efficiency | >86% @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 | 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 | Metal |
| Diffuser | polycarbonate Cover |
| Reflector | / |
| Lens | / |
| Surface part | Metal |

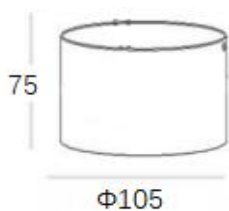
Photometric Data

| | |
|--------------------|--|
| LED chip brand | Bridgelux/ Philips/Osram |
| Chip type | SMD |
| Color temperature | 2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K |
| CRI | >Ra80 or >90 |
| 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/ DALI/0-10V dimmable optional |
| Dimming driver brand | EAGLERISE KOPU |
| Emergency backup | 1-2W with 1-3hours battery backup |

Dimension



Unit:mm

Lighting Distribution

