



## WATERPROOF SURFACE DOWNLIGHT

Ref No: GR-FM-50WF

CE RoHS IP65    



LED Downlight is top level in quality and design with IP65 waterproof structure. it is the best choice to do commercial lighting projects, made of aluminum and reflectors. Black/White housing finished available, and 3 types reflectors( Black/white/Silver options), different beam angle options. High CRI and output.

### Complete Product Data

|                       |                 |
|-----------------------|-----------------|
| Order Number          | GR-FM-50WF      |
| Total Wattage         | 50W±5%          |
| Mounting Type         | Surface mounted |
| Dimension(mm)         | φ171*H200mm     |
| Outcut(mm)            | /               |
| IP Grade              | IP65 waterproof |
| Luminaries Lumens     | 5000-5500lm     |
| Beam angle            | 60°             |
| Working temperature   | -25°C ~ +55°C   |
| Certificates standard | CE LVD EMC RoHS |
| Warranty              | 3Years          |
| Package               | /               |

### Control Gear/Driver Data

|                  |  |
|------------------|--|
| LED driver brand | DNF/GX/SUNCOM Brand  |
| Input voltage    | 220-240VAC 50/60Hz   |
| Output voltage   | 30-42Vdc   |
| Output current   | 1150-1200mA  |
| Power Factor     | >0.9   |
| Surge protection | 1-2KV  |
| Efficiency       | >88% @230V   |
| IP Grade         | IP65 waterproof  |
| 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     | /  |
| Warranty         | 3Years   |

## Material&Housing Data

|                    |  |
|--------------------|--|
| Housing Color      | White or black finished                            |
| Housing Material   | Aluminum   |
| Heat sink          | Die-cast aluminum                                  |
| Reflector material | PC reflector, white/black/silver reflector options |
| Surface part       | Metal  |
| Connector          | /  |

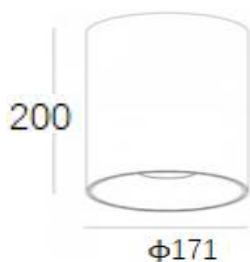
## Photometric Data

|                    |  |
|--------------------|--|
| LED chip brand     | Bridgelux  |
| Chip type          | SMD / COB optional                                       |
| Color temperature  | 2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K |
| CRI                | >Ra90  |
| 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 optional        |
| Dimming driver brand | <b>KOPU</b> <small>EAGLERISE</small> |
| Emergency backup     | /                                    |

## Dimension



Unit:mm

## Lighting Distribution

