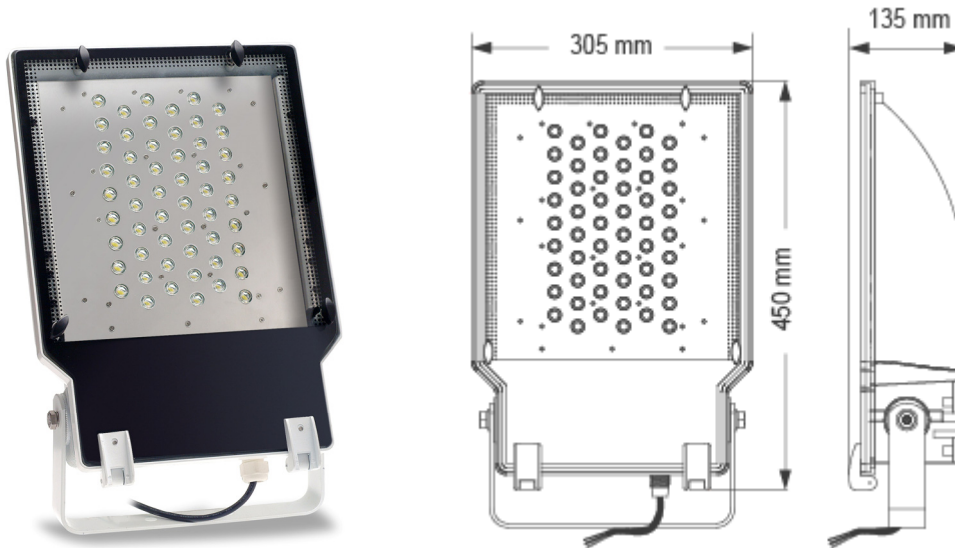


## Atria Series **GL-SD60 Series** (DC input)



The unique **SD60 Series LED Spotlights**, proudly introduced by **GlacialTech** to the lighting market, use **60W** high power LEDs as the light source and have excellent features, like long lifetime (>30,000 hrs min.), high luminous efficacy, and low environmental pollution. They are designed to use a DC source of 11-15V/22-30V and provide an ideal choice for spotlight/outdoor lighting.

A standard 12V or 24V DC power supply can be used for the inbuilt LED driver. In fact, any voltage between 11-15V or 22-30V is completely suitable. The LED driver is equipped with Undervoltage-Lockout (UVLO) and will prevent damage, should the DC power supply's voltage fall below adequate levels. For a 12V this level is 11V and for a 24V this level is 22V. Furthermore, Over-Voltage Protection (OVP) will prevent damage to the LED lamp, should there be an unpredictable excess of DC output voltage. This LED lamp is electrically designed to be both flexible and protected, in terms of its DC power supply. However, it should be noted that a DC power supply greater than 30V may lead to product damage.

### Features

- Indoor and outdoor use
- High power efficiency > 87%
- High luminous efficacy LEDs
- No UV or IR radiation
- Compliance with safety standards:

EN60598, EN61347-1+EN61347-2-13, EN55015+EN61547, EN60529, EN62471, EN62031

- Cool light, which can reduce the rise of the ambient temperature
- Energy saving and environment friendly
- IP65 dust proof (protected from strong water jets)



## Specifications

| Model No.                 | GL-SD-60WW                                                                                                                                        | GL-SD-60CW |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| CCT (Typical)             | 3000K                                                                                                                                             | 6000K      |
| Typical Power Consumption | 68W                                                                                                                                               | 68W        |
| Luminous Flux (lm)        | 2,695lm                                                                                                                                           | 3,795lm    |
| Input Voltage             | 11-15V DC/ 22-30V DC                                                                                                                              |            |
| Operation Temp. Range     | -20°C ~ +40°C                                                                                                                                     |            |
| Typical Luminous Efficacy | 40lm/W                                                                                                                                            | 56lm/W     |
| Input Current (Max.)      | 8A at 11V DC / 4A at 22V DC                                                                                                                       |            |
| CRI                       | > 80                                                                                                                                              | > 75       |
| Beam Angle                | 30°/ 60°                                                                                                                                          |            |
| Warranty                  | 2 Years                                                                                                                                           |            |
| Applications              | Indoor and Outdoor Lighting/ Architectural Lighting/ Landscape Lighting/ Spot Lighting/ Public Place Lighting/ Emergency Lighting/ Solar Lighting |            |
| Outline Dim.              | 450 x 305 x 135 (mm)                                                                                                                              |            |
| Net. Weight               | 7.6 (Kgs)                                                                                                                                         |            |
| Package                   | 1 Box / Carton                                                                                                                                    |            |
| Box Dimension/ Weight     | 480 x 345 x 155 (mm) / 8.1 (Kgs)                                                                                                                  |            |

## Candle Power Distribution Curve (1M)

