

# AGL12

LED Garden Light Series

**180LM/W**

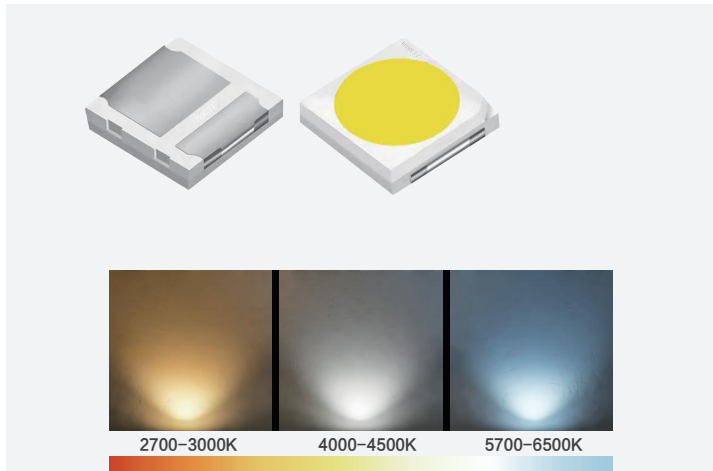
- The luminaire is equipped with a UV-resistant glass cover.
- Can be applied to most lighting application scenarios.



Product Design



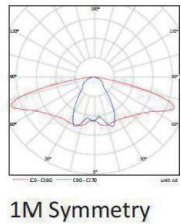
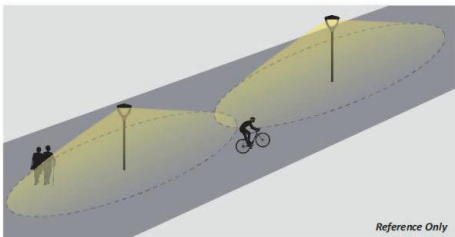
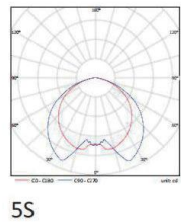
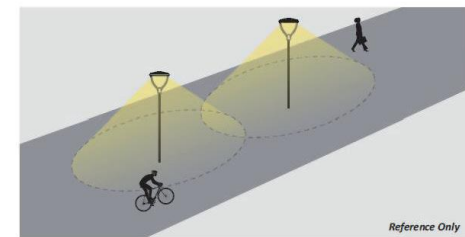
– Multiple installation methods



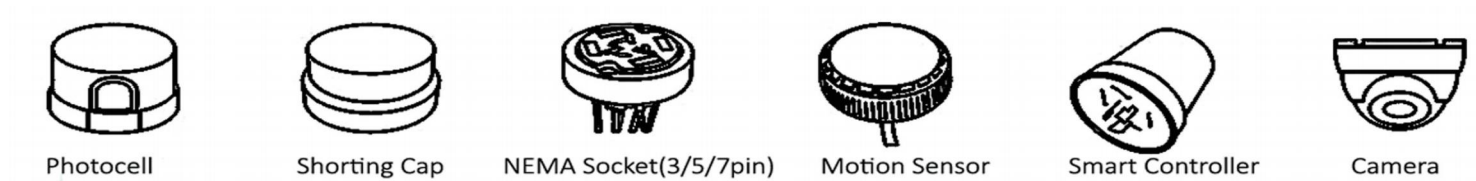
High-efficiency led light source



Famous brand driver



Optional accessories



AGL12 Technical Data

|                            |                                |
|----------------------------|--------------------------------|
| LED Chip Brand             | Lumileds   Cree   Epistar plus |
| LED Chip Type              | SMD2835   SMD3030  SMD5050     |
| Luminous Efficacy          | 180LM/W                        |
| Color Rendering Index (RA) | > 70   80   90                 |
| Color Temperature          | 2200K-6500K                    |
| Beam Angle                 | Type I   Type II   Type III    |
| Number Of Lens             | 9 Pcs                          |

Electrical Parameters

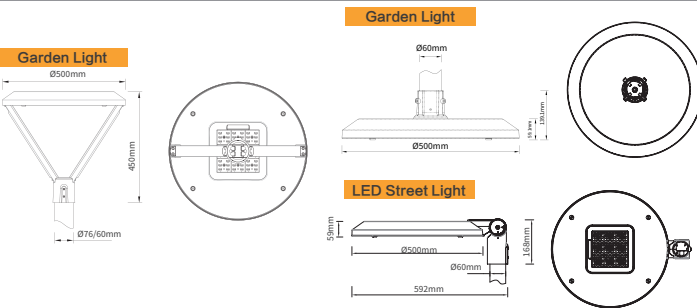
|                  |                        |
|------------------|------------------------|
| Power            | 10W-120W               |
| Voltage          | AC85-305V              |
| Frequency        | 50/60Hz                |
| Electrical Class | Class I   Class II     |
| Work Temperature | (-30 °C to 50 °C)      |
| Humidity         | 10 % to 90%            |
| IP Grade         | IP66                   |
| IK Grade         | IK08   IK09   IK10     |
| SPD              | 10KV   20KV (Optional) |

Driver

|              |                                                        |
|--------------|--------------------------------------------------------|
| Driver Type  | Philips   Inventronics   Meanwell   Sosen   Moso   OEM |
| Power Factor | >0.95                                                  |
| Performance  | > 90%                                                  |
| IP Grade     | IP20 to IP67                                           |
| THD          | < 12%                                                  |

Materials and Properties

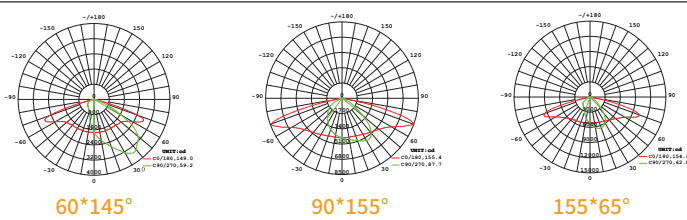
|                    |                                 |
|--------------------|---------------------------------|
| Material Of Shell  | Aluminum (ADC12)+Tempered Glass |
| Material Of Lens   | PC   PMMA                       |
| Pole diameter (mm) | 60                              |
| Size AGL12 (mm)    | 500*500                         |



Tested according to

|        |                                                                                                                                                                |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CE-LVD | EN 60598-2-3:2024+ A1:2011<br>EN IEC 60598-1:2024<br>EN 62471:2008<br>EN 62493:2015                                                                            |
| CE-EMC | EN 55015:2013+A1:2015<br>EN 61547:2009<br>EN IEC 61000-3-2:2019<br>EN 61000-3-3:2013+A1:2019                                                                   |
| ROHS   | IEC62321-1:2013, IEC62321-3-1:2013<br>IEC62321-4:2013/AMD1:2017<br>IEC62321-5:2013, IEC62321-6:2015<br>IEC62321-7-1:2015, IEC62321-7-2:2017<br>IEC62321-8:2017 |

Typical Photometric Features



Mounting Height

