



LED Garden Light

AGL 28

Advantages

- Efficiency:180Lm/W
- High luminous efficiency, more energy-saving, and high cost-effectiveness.
- PC cover with special reflector design
- Can be applied to most lighting application scenarios
- Moisture tolerant level IP66

The Bluetooth intelligent control system offers two network setup methods: direct mobile phone connectivity to communicate with the control modes, and an alternative approach involving the connection of a gateway to a mobile phone or PC, which then links to the individual control modes.

SERIES DISPLAY



Large-diameter opening and closing design

Rotating shaft design, the lamp cover can be opened and closed with large diameter, open at any angle, easy to install, maintain and operate without restriction



Led light source

Adopting brightness led chip, high luminous efficiency, more energy-saving, and high cost-effectiveness.



Built-in driver

Driven by well-known brands.



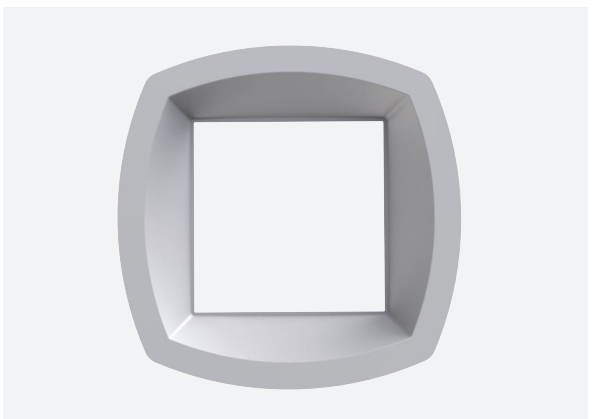
Tablet design

Using 304 stainless steel material pressing design, better fixed glass and reflector structure, firm and not easy to loose.



Connecting rod shaft design

Hidden connecting rod shaft design, the appearance does not show the structure, the opening operation is simple and convenient, and it is more beautiful.



Reflector design

Nano-polymer reflective material enhances the light reflectivity, thereby improving the overall light efficiency and achieving energy-saving purposes.

AGL28 Technical Data

LED Chip Brand	PHILIPS Cree Bridgelux
LED Chip Type	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	9Pcs

Electrical Parameters

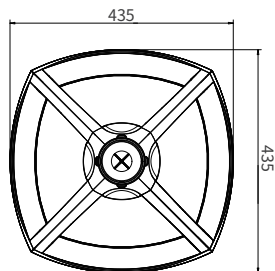
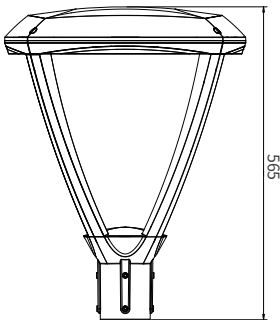
Power	10W-100W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)

Driver

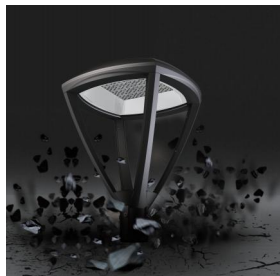
Driver Type	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC PMMA
Pole diameter (mm)	76
Size ASL28 (mm)	435*435*565



IP66
(Lab test)



IK10
(Lab test)

Tested according to

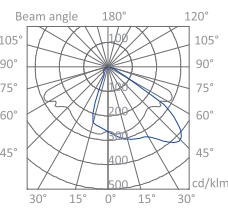
CE-LVD EN 60598-2-3:2003+A1:2011
EN IEC 60598-1:2021
EN 62471:2008
EN 62493:2015

CE-EMC EN 55015:2013+A1:2015
EN 61547:2009
EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1:2019

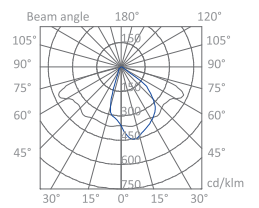
ROHS IEC62321-1:2013, IEC62321-3-1:2013
IEC62321-4:2013/AMD1:2017
IEC62321-5:2013, IEC62321-6:2015
IEC62321-7-1:2015, IEC62321-7-2:2017
IEC62321-8:2017

Typical Photometric Features

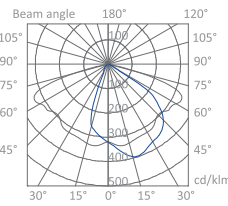
FW-W



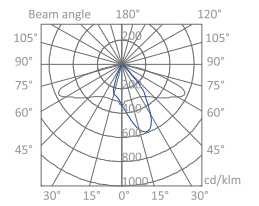
STE-S



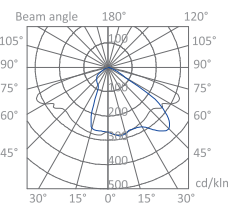
STE-M



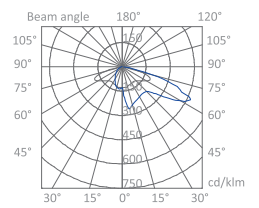
SV



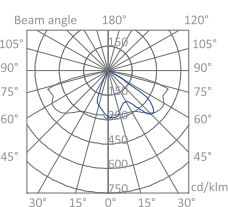
HPO6B



SO5



STA1



STA

