AGL12

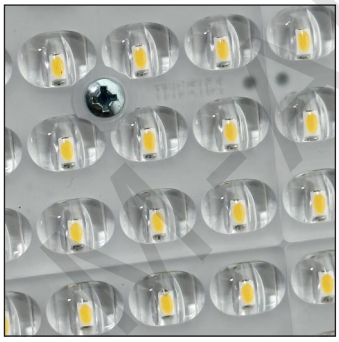
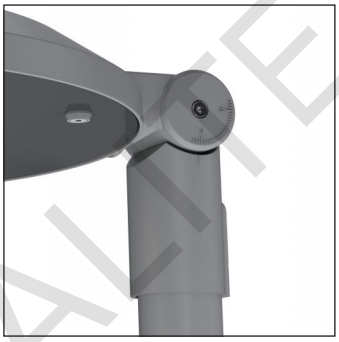
CE ErP

AGL12 is a new type of garden light fixture with high cost performance. The surface of AGL12 is made of ADC12's die-cast aluminum material, which is available in black and gray. The light-emitting surface is made of 4MM tempered glass, which greatly improves the anti-collision level of the whole lamp, and has the effect of anti-UV, and the waterproof level has reached IP65, can work in different ambient temperature from -30°C to 50°C. The lens of AGL12 can use conventional symmetrical light distribution angles, or different types of asymmetric light distribution angles. It can be compatible with 3030 and 5050 lamp beads, and the maximum light efficiency can be 160LM/W, which can meet customers' needs for greater brightness and energy saving. demand. AGL12 can be pendant mounted, side entry mounted, suspended mounted and post top mounted four installation schemes to meet the security needs of different installation and use environments.

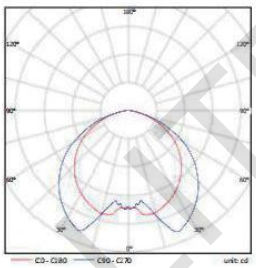
INSTALLATION MODE



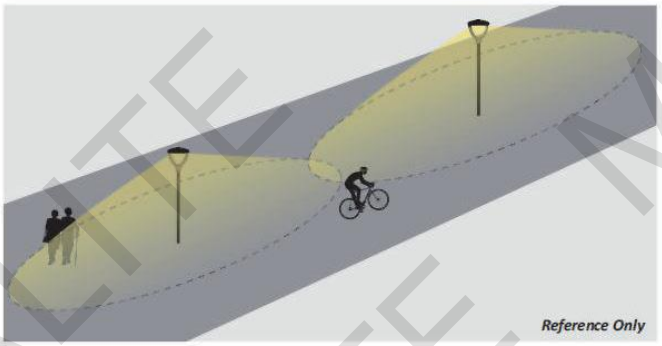

DETAIL DRAWING

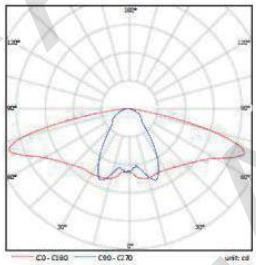




ROAD SIMULATION



5S

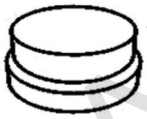




1M Symmetry

OPTIONAL ACCESSORIES

Photocell

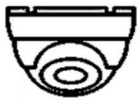


Shorting Cap

NEMA Socket(3/5/7pin)

Motion Sensor

Smart Controller



Camera

Technical Data

Led Module

LED Chip Brand	Lumileds | Cree | Epistar plus
LED Chip Type	SMD2835 | SMD3030 | SMD5050
Luminous Efficacy	160LM/W
Color Rendering Index (RA)	＞70 | 80 | 90
Color Temperature	2400K | 2700K | 3000K | 4000K | 5000K | 6500K
Beam Angle	Type I | Type II | Type III
Number Of Lens	4Pcs | 6Pcs | 9Pcs
Life Time	100000 Hours

Electrical Parameters

Power	10W-100W
Voltage	AC85-305V
Electrical Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV | 20KV (Optional)

Driver

Brand	Philips | Inventronics | Sosen | OEM |
Power Factor	＞0.9
Performance	＞ 0.90
THD	＜ 15%

Materials and Properties

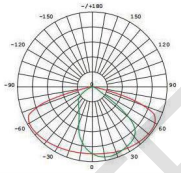
Materials	Aluminum(ADC12)
Material Of Lens	PC | PMMA
Pole diameter (mm)	60
Size AGL12(mm)	500*450

Tested according to

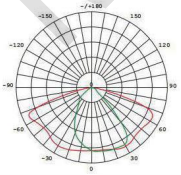
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical photometric features

3030



5050



Dimensions