

GA SERIES LED Garden Light

5 YEAR
WARRANTY



Areas of application

- Gardens
- Town roads
- Residential area roads
- Pedestrian crossings
- Parking areas

Product Benefits

- 70% energy saving, short ROI period
- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Excellent post light control design, Multiple light distributions are available
- 100,000 times switching cycle before failure
- 5 years warranty

Product Features

- Luminaire efficacy: Up to 130 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK08
- Type of protection: IP66



Product Datasheet

| Model No | MK-GA-30 | MK-GA-40 | MK-GA-50 | MK-GA-60 | MK-GA-80 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| Nominal Wattage | 30W | 40W | 50W | 60W | 80W |
| Efficiency | 130 lm /w | 130 lm /w | 130 lm /w | 130 lm /w | 130 lm /w |
| Lumen | 3900 lm | 5200 lm | 6500 lm | 7800 lm | 10400 lm |

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

*Values shown are subject to ±5% tolerance.

Electrical Data:

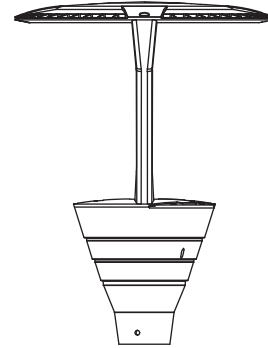
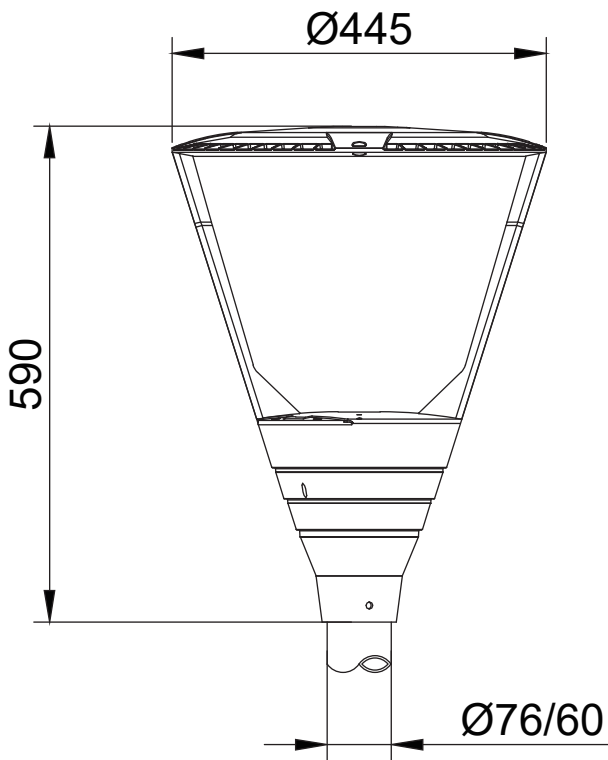
| | |
|--------------------------------------|---------------------------------------|
| Nominal Voltage | AC 100-240V /277V 50 /60Hz |
| LED | Philips Lumileds |
| Driver | Inventronics /Other brands on request |
| Power Factor (PF) | >0.95 |
| THD | <15 |
| CRI | Ra>70 (Default) / Ra>80 |
| Switching cycle before failure | >100,000times |
| Optics | Type II, Type III, Type IV, Type V |
| Standard Deviation of Color Matching | <5 SDCM |
| Color Temperature | 3000K, 4000K, 5000K, 5700K |
| Starting Time | <0.55 |
| Premature failure rate@1000h | 0 |
| Energy efficiency Class | A++ |

General Data

| | |
|-----------------------|---|
| Body Material | High pressure die-cast aluminum |
| Housing Color | Black (Default) /Gray (available on request) |
| Cover Material | Tempered glass |
| Lens Material | UV-resistant Polycarbonate |
| Working Environment | -40°C ~ +50°C, 10% ~90%RH |
| Lifespan L70 at 25 °C | >100, 000 h |
| Mounting Type | Post top mounted |
| Support Pole diameter | 60/76mm |
| Dimmable | 1-10V Dimming (Default) /Timer Dimming |
| Protection Class | Class I (Default) /Class II |
| Standards | CE, RoHS, LM79, LM80, TM-21, IP66, IK08 |
| Available on request | NEMA socket (3/5/7pins), ZHAGA socket, Short cap, Photocell, Motion sensor, Knife switch, NTC, OLC, Solar Compatible, 10/20KV SPD |

Product Datasheet

Dimension:

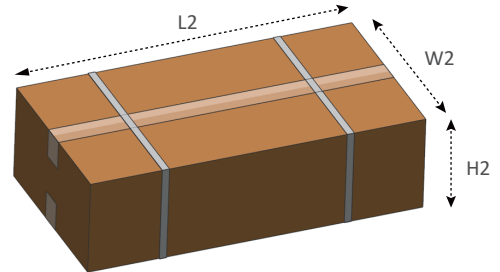


Fixture Information

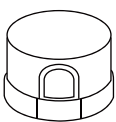
| Version | L1 xW1 xH1 | Weight |
|---------|-----------------|--------|
| GA | 445 x445 x590mm | 8.1kg |

Packing Information

| Version | L2 xW2 xH2 | Qty /Carton | Weight |
|---------|-----------------|-------------|--------|
| GA | 480 x480 x620mm | 1pcs | 10.5kg |



Optional accessories



Photocell



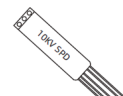
Shorting Cap



NEMA Socket
(3 /5 /7pin)



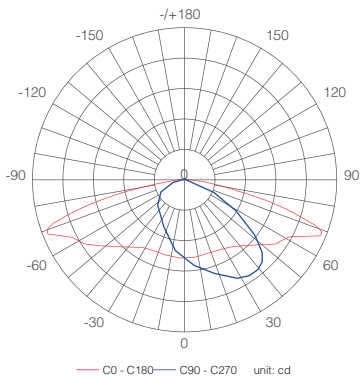
Smart Controller



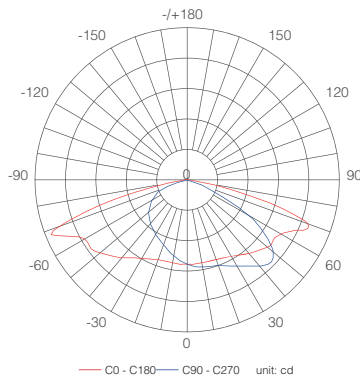
10/20KV SPD

Product Datasheet

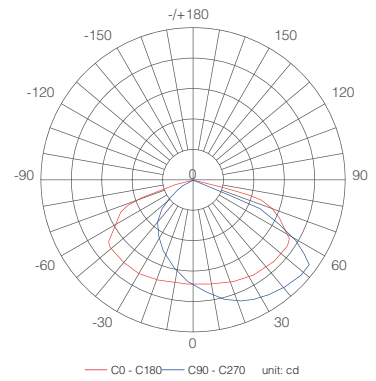
Light Distributions



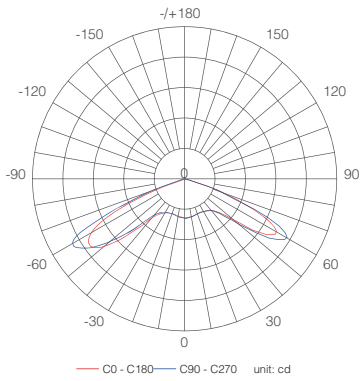
TYPE II-M



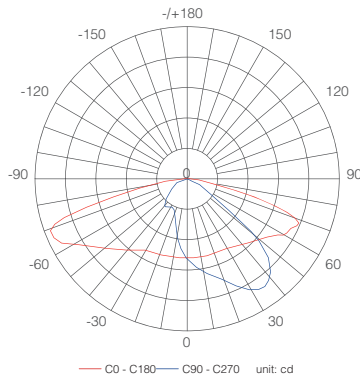
TYPE III-M



TYPE IV-M



TYPE V-S



TYPE II-M BLS