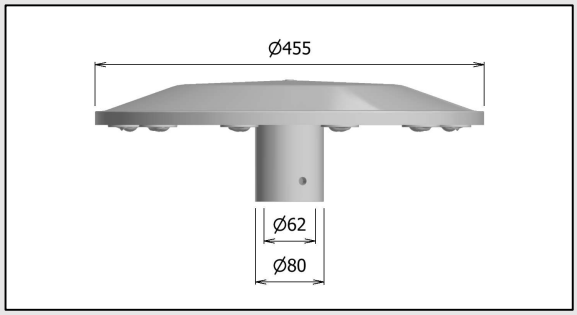
# MONA

LUMINAIRE DATASHEET

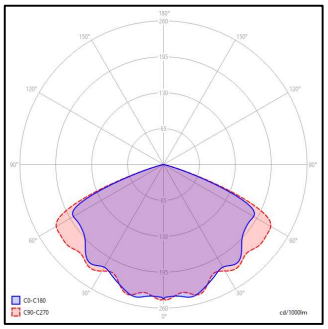
LAMBERGA




## MAIN CHARACTERISTICS

Elegant designer LED park luminaire for garden poles. The luminaire is suitable for lighting squares, parking areas, walkways, parks, cemeteries, and memorial sites.

| STANDARD VERSION | |
|---|---|
| **CCT** | 3 000 K, 4 000 K |
| **CRI** | Ra>70 |
| **Ingress protection** | IP66, approved for normal operation within a relative humidity range of 10-90 % |
| **Power factor** | ≥ 0,97 |
| **Luminous efficiency** | ≥ 90 % |
| **Ta (Ambient temperature)** | From - 35 °C to 45 °C |
| **Efficiency** | Luminaire: up to 114 lm/W (for CCT 2 700 K)<br>LED: up to 150 lm/W (for CCT 2 700 K) |
| **Working temperature** | ≤70 °C |
| **Lifespan LED** | L95B10>100 000 hours |
| **Ballast life** | ≥100 000 hours |
| **Optical system** | Optical lens made of borosilicate glass on each LED chip |
| **Housing** | All-aluminium (pressure die-cast certified aluminium alloy) |
| **Body surface finish** | ELOX |
| **Colour** | Grey |
| **ULOR** | 0 % |
| **Rated voltage** | 195-264 V, 50 Hz |
| **Electrical protection** | Against surges 10kV |
| **Protection class** | Class I |
| **Fixture mounting** | Pole mounting bracket ⌀ 60 mm |
| **Luminaire design** | Replacement of any component (driver, optical assembly, modules)<br>No external fins and cooling gaps, self-cleaning effect |

| OPTICAL SYSTEM | |
|---|---|
| **Optical system** | L1-C |
| |  |

| MOŽNOSTI MODIFIKACE | |
|---|---|
| **CCT** | 2 700 K, 5 700 K |
| **CRI** | Ra>80 |
| **Ingress protection** | IP67 |
| **Power range** | 17-35 W |
| **Ta (Ambient temperature)** | Adapted for extreme temperature, from -55 °C to +55 °C, with thermal protection of the LED module |
| **Protection class** | Class II |
| **Electrical protection** | Against overvoltage 12kV/6kA, overload, short circuit, undervoltage and load disconnection |
| **Controls and connectivity** | Virtual midnight, CLO, DALI |
| **Colour** | According to RAL |
| **QR code** | Possibility of applying a QR code with a technical parameters of the luminaire |
| **Safety** | Equipped with a fuse when mounted on the pole, eliminating inrush current |