Metrópoli LP

ATP lighting

Standard colours
Other colours available on demand.

| N | Black | GC | Light grey | GO | Dark grey | V | Green |

Technical specifications

Coupling
Ø 50 / 60 mm.

LED voltage
220-240 V 50-60 Hz

Recommended maximun height
12 m.

Weight without gear
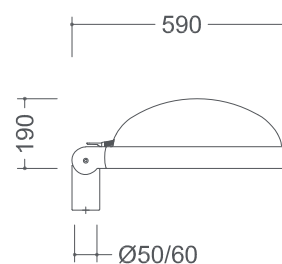7,0 Kg.

Photocell
On request.

Protection grades

IP66+ — Totally hermetic

IK10+ — More than vandal-proof

Exclusive technology

Laminar Heatsink®

Electrical insulation

Class II

Warranty

WARRANTY 10 YEAR — Integral Warranty

Dimensions

590

190

Ø50/60

Certificates

NOM

CE

CB Certificate

ENEC

ISSOP

UKCA

Available optics

A4	A5	A7	A9	A12	S2
100W Max.	100W Max.	100W Max.	100W Max.	100W Max.	100W Máx.

Colour temperatures

| PC AMBER | 1800 K | 2200 K | 2700 K | 3000 K | 4000 K |

Metrópoli LP

Technical Specifications

Drivers

LED luminaires come with constant current, programmable electronic drivers, and the possibility of connecting a remote management system for lighting control. The supply voltage is 220-240 V 50-60 Hz, and on-demand 120-277 V 50-60 Hz.

Features of standard electronic drivers:
- Protection against 6 kV/3 kA surges in differential mode (between line and neutral).
- Thermal protection.
- All equipment is programmable and incorporates the following functionalities:
  - Dynamic regulation based on the duration of the night and the programmed hourly profile.
  - 1-10 V, DALI, or D4i interface for connecting sensors or remote lighting management systems.
  - Constant lumen output (CLO).
  - Electronic equipment certified ENEC.

Connectivity

Luminaires available with Zhaga connection system for control nodes.

Light source

Module with high-power LEDs.
Standard available color temperatures: 1800 | 2200 | 2700 | 3000 | 4000 K and PC Amber.
Color Rendering Index (CRI) >70 (except PC Amber).
LED module lumen maintenance: L95B10 >100,000 h at 25°C ambient temperature. Over five (5) standard optics available.

Electrical wiring

Certified by CENELEC with HAR mark.
IP68 tubular connector.

Corrosion resistance

Materials completely immune to corrosion. Stainless steel screws.

Materials

The reinforced technical engineering polymer S7 is immune to corrosion and adverse elements, as well as anti-electrocution. This material undergoes 3000 hours in a UV ray chamber (S/UNE 53104/86) without showing any color alteration.

The high-impact tropicalized transparent thermopolymer T5 is manufactured with chemical polishing technology to achieve exceptional transparency and transmittance. It also presents a collision resistance 200 times higher than glass and, like S7, is capable of passing impact tests exceeding 50 joules – more than double the requirements of the IK EN 62262 standard. This material undergoes 3000 hours in a UV ray chamber (S/UNE 53104/86) without showing any color alteration.

Maintenance

Materials that do not require maintenance.

Resistance to impact (vandal-proof)

The materials used, as well as the construction characteristics, give the ATP luminaires an impact resistance that greatly exceeds the maximum degree, IK10, established by the UNE-EN 62262 standard.

Isolation

Class II.

Protection rating

Tightness: IP66 + IPX9 (15°C).
Impact: IK10.

Certifications and approvals

CE: European Conformity Mark.
N: Spanish Association for Standardization and Certification.
ENEC: European Norms Electrical Certification.
ISSOP: ISSOP seal distinguishing companies manufacturing products without planned obsolescence.
IECEE: IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components.
CB (IECEE) Certificate Number: ES1717