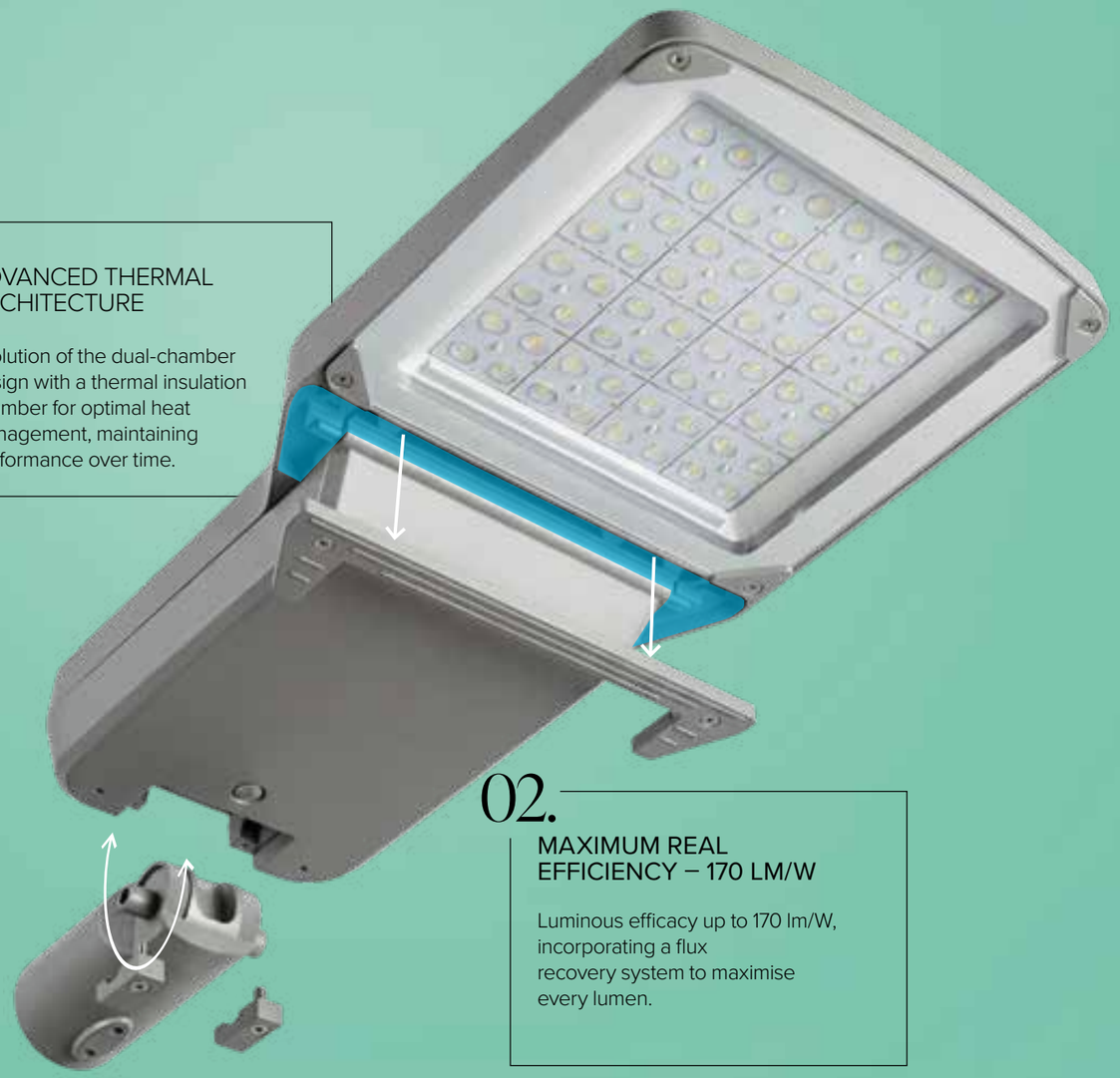
Pushing the limits of efficiency

MILAN EVO



BENITO.com

MILAN *EVO*



01.

ADVANCED THERMAL ARCHITECTURE

Evolution of the dual-chamber design with a thermal insulation chamber for optimal heat management, maintaining performance over time.

02.

MAXIMUM REAL EFFICIENCY – 170 LM/W

Luminous efficacy up to 170 lm/W, incorporating a flux recovery system to maximise every lumen.

03.

FIXING SYSTEM

Post-Top fixing system adjustable degree by degree, highly robust, ensuring stability against vibrations.

04.

LIGHT CONTROL

Up to 21 optics available with a lumen-control system that minimises light spill. Available in 5 colour temperatures to suit any outdoor environment.

Architecture and Innovation



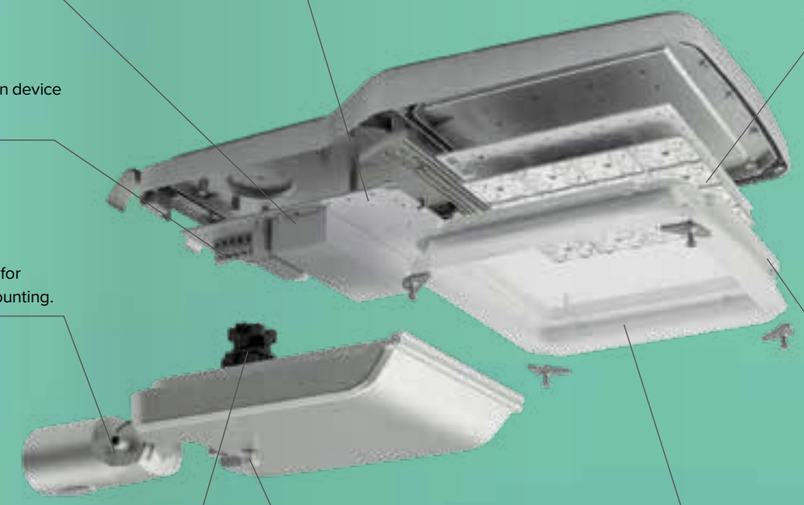
Multi-level programmable driver.

Tool-free driver mounting plate.

High-transparency PMMA optics 2x2 ZHAGA format. >21 photometries.

Surge protection device 20 kA - 20 kV.

Reversible and adjustable joint for TOP or SIDE mounting.



Luminous flux recovery system.

Automatic disconnection system for safe handling.

Anti-condensation valve for equipment cavity.

Screen-printed glass for improved cut-off.

Certifications

05.



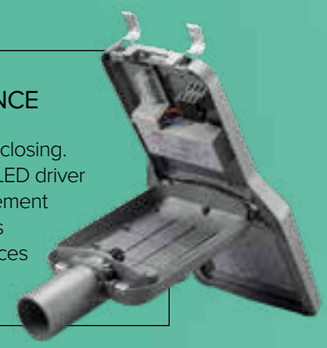
CONNECTIVITY

Ready for connected lighting, incorporating Zhaga or NEMA connectors, integrating remote management nodes, control systems, and presence or light sensors.

06.

EASY MAINTENANCE

Tool-free opening and closing. Removable plate with LED driver and SPD, quick replacement without tools. Simplifies maintenance and reduces intervention time.



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New architecture for
greater lighting versatility

REF. ALMXXLE

XXL

MOTORWAY / HIGHWAY

· 4000 K
· 200–300 W
· Height 10–14 m
· Lighting class ME2 — 2 cd / 30 lx Um >0.5

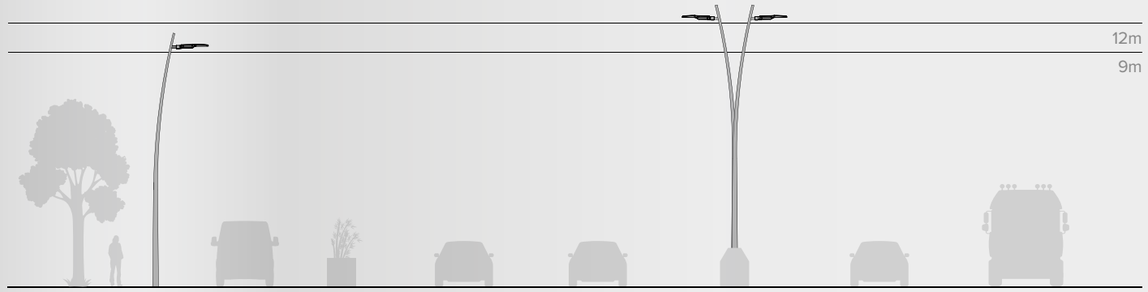
REF. ALMXLE

XL

MAIN AVENUES

· 2700 K
· 100–150 W
· Height 8–12 m
· Lighting class CE2 20 lx Um >0.4

Application Milan *EVO* XXL/XL



REF. ALMME

M

ROUNDABOUT / ROAD / INDUSTRIAL AREA

· 3000 K
· 60–100 W
· Height 7–10 m
· Lighting class ME3 / CE3 15 lx Um >0.4
(*Roundabouts CE1 30 lx)

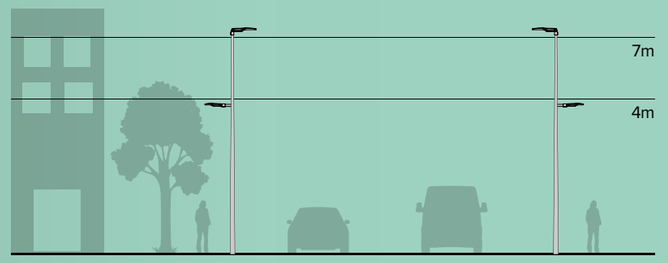
REF. ALMSE

S60/ S30

RESIDENTIAL STREETS / DEVELOPMENTS

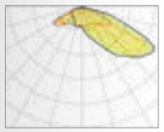
· 2200 K
· 20–60 W
· Height 4–8 m
· Lighting class CE4–CE3 10 to 15 lx Um >0.4

Application Milan *EVO* M/ S60/ S30

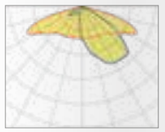


Photometries

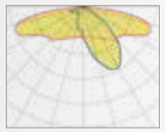
Forward wide asymmetric (A1)



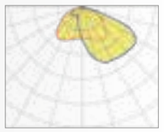
Wide asymmetric (AE)



Narrow wide asymmetric (A2)



Asymmetric (A4)



See the 21 typologies

Colour temperature



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BENITO

Light Urban Play Covers

2009

VSAP / HM Technology

80 lm/W · 20,000 h lifetime



2011

LED Technology

90 lm/W · 40,000 h lifetime



2016

MILAN Luminaire 2016

First with **dual chamber**

120 lm/W · 50,000 h lifetime



SPD (20 kA - 10 kV) included as standard in MILAN to provide a 10-year warranty

Dark Sky certified
Recyclability certificate >95%
ENEC certified
ENEC+ certified
Zhaga D4i certified

2025

MILAN Luminaire 2025

1M units installed

150 lm/W · 100,000 h lifetime



2026

MILAN EVO Luminaire

With **thermal dissipation chamber**

>160 lm/W · 100,000 h lifetime



A luminaire without limits

Innovation that breaks the technological ceiling and expands performance possibilities.

Pushing the limits of efficiency

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