Hêmera



GDS®
LIGHTING



Versatile
Resistant
Practical

Hemera offers an **economical and efficient** solution for lighting pedestrian areas, car parks and green areas.

Robust and easy to install, Hemera is a **2-in-1 luminaire** characterised by safety, reliability and ease of maintenance, with the possibility of suspension mounting or mounting on vertical poles.

Its **compact dimensions** also render it suitable for installations at low height.





5
Color temperature options

16
Different levels of luminous flux

1680
Possible combinations

Hêmera: **semplicity** combined with **resistance**

6
Basic optics
Optiwise®

The combination with **Optiwise®** optics allows the **highest uniformity values** in the most different situations.

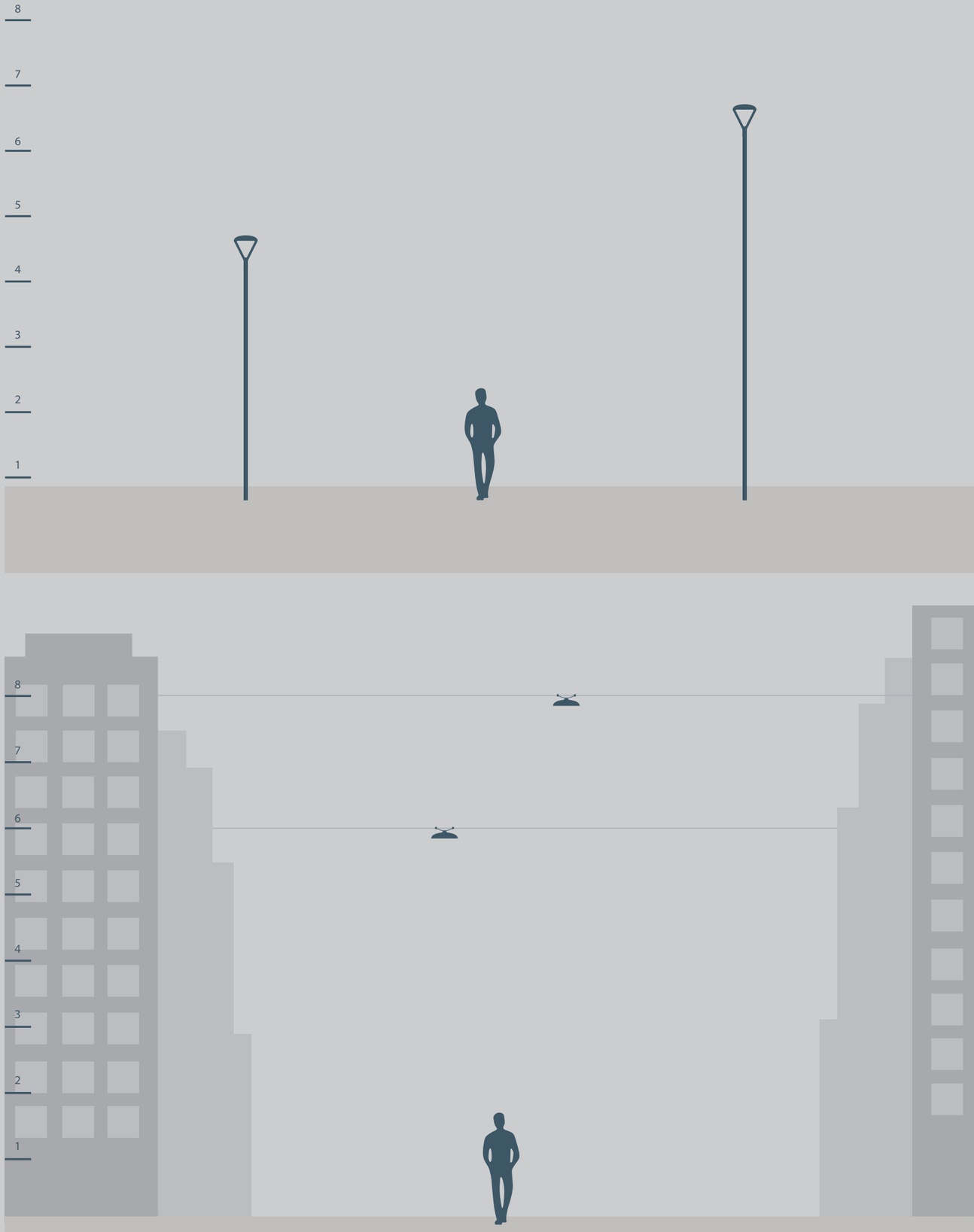


2 product Versions:
Post-Top, Catenary

Hemera PT
POST-TOP version

Hemera is available for 4 and 6m high poles;
it comes with different pole connection adapters.





Hemera C
CATENARY version

In the suspension version, Hemera expresses all its versatility.



Hêmera

Data sheet

General features

Applications	Street and urban lighting
Optics	Multi-layer PMMA lenses
Colour temperature	**2**: Warm White 3.000K; **8**: Neutral White 4.000K; Available on request: **1**: Cool White 5.000K
CRI and tolerance	Minimum 70, on request 80
Safety class	Exempt Group
Insulation class	Class II, class I on request
IK rating	IK08
IP rating	IP66
Wiring	Internal connections
Dimensions	**Hemera PT**: diam.365x502 mm; **Hemera C**: diam.365x80 mm
Weight	Hemera PT: 5 Kg; Hemera C: 5 Kg

Electrical Features

Power supply	220-240 V 50/60 Hz; 120-270 V on request
Power factor	> 0,95 (full load)
Control system	Automatic "virtual midnight" dimming system with up to 3 steps and CLO function; DALI; remote control based on lumawise system
Overvoltage protection	10kV differential mode, 10kV common mode, SPD 5kA on request
Operating temperature	-20°C +50°C
Lifetime value (Ta from -10°C to 40°C)	L90 B10 > 100.000 hr

Materials

Fixing	**Hemera PT**: post-top, suitable for 40 to 76 mm diameter poles **Hemera C**: suspension
Frame, dissipation	Die-cast aluminium; "Dark Coal" finish
Screen	Flat tempered glass 4 mm thick, resistant to thermal shock and impact

Code

HEPB W 8 06 1 N P

Various
A - Standard Surge Protection
B - Extra Suppressor
L - Standard Surge Protection

Dimming
N - No Dimming
M - Virtual Midnight
Z - Virtual Midnight + CLO
L - Zhaga 18 + Virtual Midnight
Y - Zhaga 18 + Virtual Midnight + CLO

Insulation class
1 – Classe I 120-270V
2 - Classe II 220-240V

Power
from 13 W to 55 W

Led colour temperature
8 – 4000K
2 – 3000K
On request:
5 - 2.700K
9 - 2.200K
1 - 5.500K
7 - 3.000K CRI 90
4 - 4.000K CRI 90

Optics
N - Narrow V14
R - Regular V25
D - Extra Wide V20
E - Forward Wide L01
F - Front-Back V10
U - Rotosimmetric Wide V04
C - Rotosimmetric V03
T - Forward Wide TT4
S - Symmetric SW07
Z - Symmetric L04

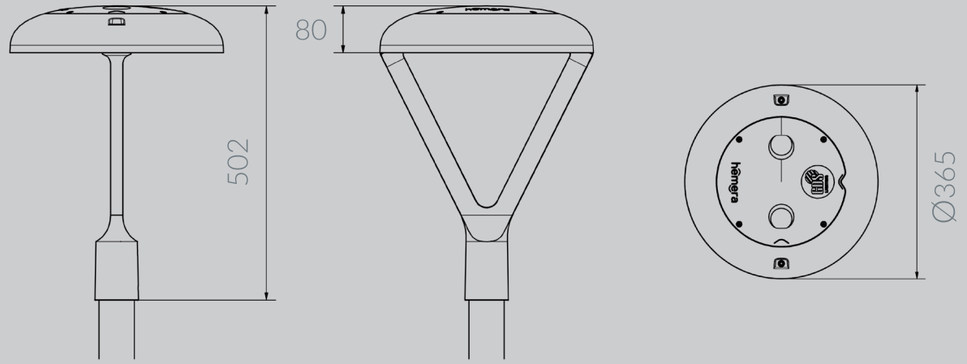
Hemera PT

Decorative version for green areas and squares.

Colour	Dark Coal
Temperature range	- 20 / + 50 °C
IP rating	IP66
IK rating	IK08
Power supply	DALI-2, 1-10V, CLO, virtual midnight
Interfaces	NEMA Socket, Zhaga 18

Opening without the need for tools

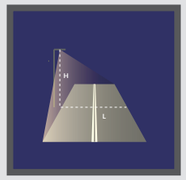
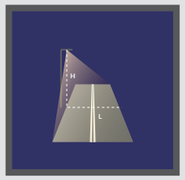
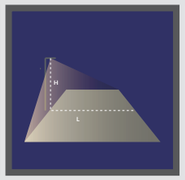
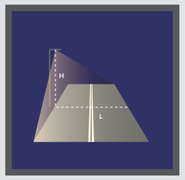
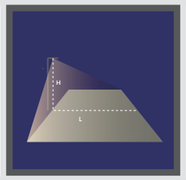
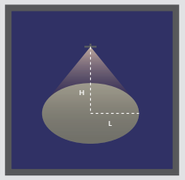
Hemera PT · Weight 5 kg



Technical performance

Power	from 13 W to 55 W
Lumen	from 2.000 lm to 7.700 lm
Efficiency	from 129 lm/W to 147 lm/W
CRI	70 / 80
Color tolerance	4 steps MacAdam
Colour temperature	2.200 K / 3.000 K / 4.000 K 5.500 K / 2.700 K
Warranty	5 years
Lifetime (L90 B10)	100.000 h

Optical systems

V25 | Regular	V14 | Narrow	V20 | Extra Wide	V10 | Front-Back	L01 | Forward Wide	V04 | Roto-Wide
					
L / H = 0,9 ÷ 1,1	L / H = 0,5 ÷ 0,9	L / H = 1,3 ÷ 1,6	L / H = 1,2 ÷ 1,5	L / H = 1.6 ÷ 2.0	L / H = ND

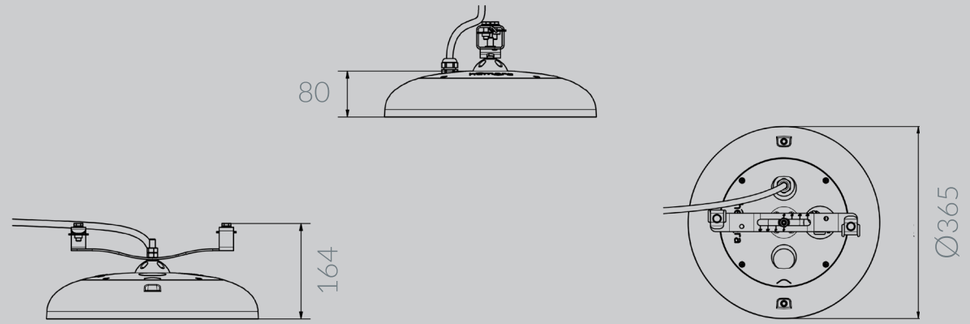
Hemera C

Technical version for urban environments and main roads.

Colour	Dark Coal
Temperature range	-20 / + 50 °C
IP rating	IP66
IK rating	IK08
Power supply	DALI-2, 1-10V, CLO, virtual midnight
Interfaces	NEMA Socket, Zhaga 18

Opening without the need for tools

Hemera C · Weight 5 kg

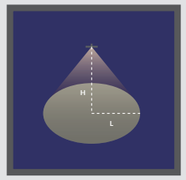


Technical performance

Power	from 13 W to 55 W
Lumen	from 2.000 lm to 7.700 lm
Efficiency	from 137 lm/W to 160 lm/W
CRI	70 / 80
Color tolerance	4 steps MacAdam
Colour temperature	2.200 K / 3.000 K / 4.000 K 5.000 K / 2.700 K
Warranty	5 years
Lifetime (L90 B10)	100.000 h

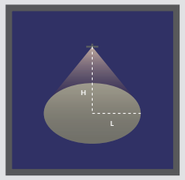
Optical systems

SW07 | Symmetric



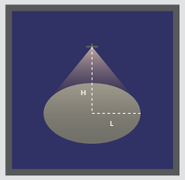
L / H = 1,0

L04 | Symmetric



L / H = 1,2

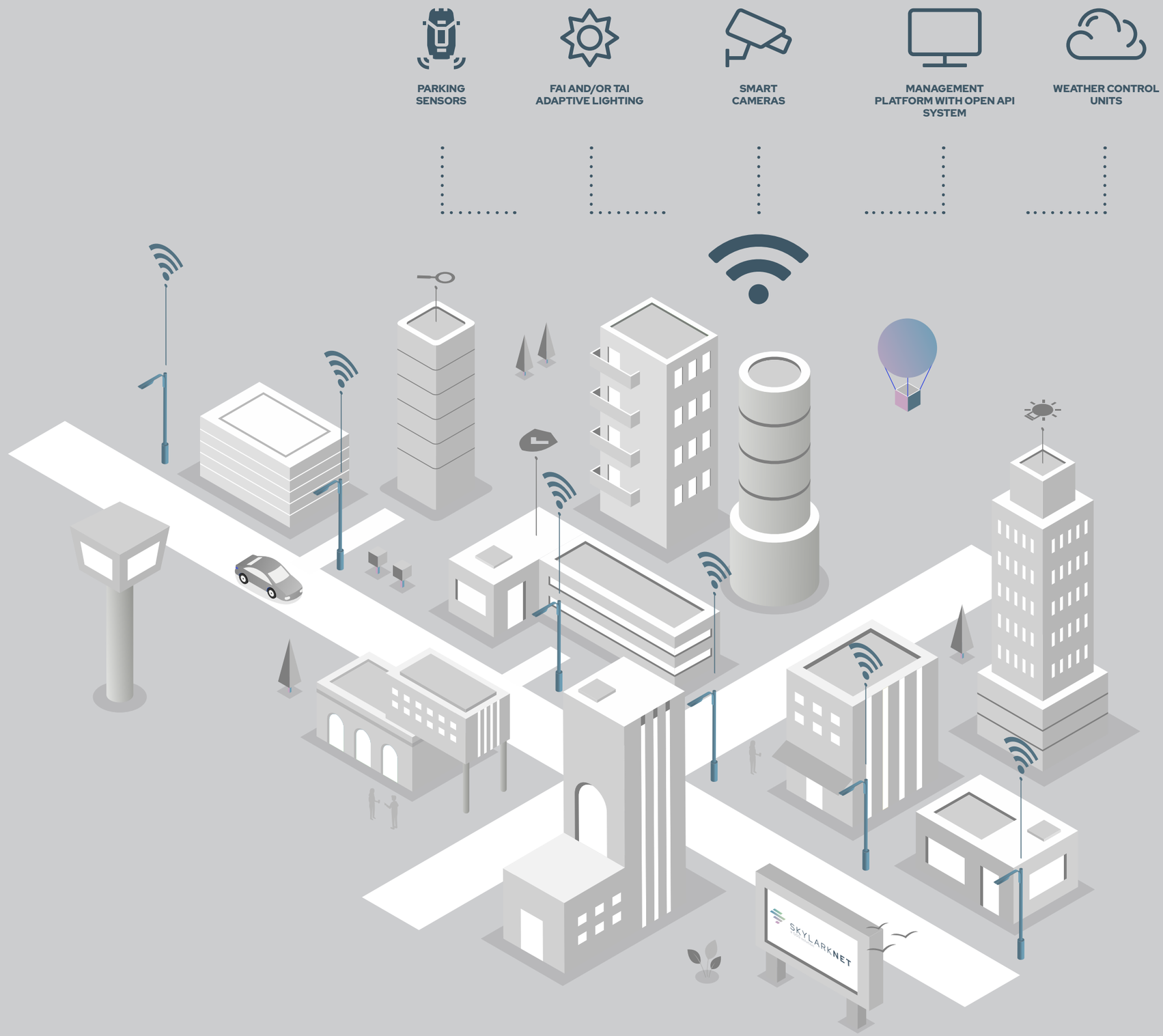
V04 | Roto-Wide



L / H = ND



Hemera is the eco-friendly solution for urban lighting that integrates perfectly with **SkylarkNet**, the connectivity system for smart cities developed by GDS Lighting.
Open, scalable, secure, SkylarkNet platform is based on radio frequencies that connect devices and monitoring services.



SKYLARK**NET**
a GDS solution

Other available **Products**



Talede Plus

The SLC-Talede Plus family was created to offer significant savings compared to conventional lighting, while maintaining a relatively low initial cost. With over 26 lumen packages, TALEDE guarantees application flexibility and becomes the ideal solution for high volume projects.



Noesi

Noesi is a compact luminaire made of die-cast aluminium, a light yet robust material. Its soft line with a low profile combines harmoniously with the street luminaire collection. The two available sizes, M and L, and the fact that it can also be installed as a pole-mounted luminaire, give this floodlight great versatility in application.



MaXimo

Family of street luminaires with an innovative design characterized by high efficacy and robustness, conceived to offer a tailor-made design solution for different lighting needs. Its flexibility is guaranteed by a wide range of lumen packages, from 2,000 to 23,000 lm, by the variety of photometric distributions and by the different control options.



Kit Retrofit

Kit Retrofit is a system designed to make the relamping of historic urban centers convenient by exploiting the flexibility and performance that characterize LED sources. Featuring 5 optical configurations and 6 power versions.



Themis

Multi-purpose product family, suitable for urban, street and center-street lighting. Robust and easy to install, Themis is a 3-in-1 appliance that is characterized by safety, reliability and ease of maintenance. Lumen packages available from 1,600lm to 11,000lm.



Koinè

Family suitable for urban lighting, whose design integrates perfectly with the lighting of historic centers. Available in 5 power versions and 7 optical configurations.

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GDS® LIGHTING

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