Themis



GDS®
LIGHTING



Elegance
Performance
Versatility

With its versatile design, **Themis** is an elegant, modern, and efficient lighting solution for various applications: a lighting platform that delivers **high energy savings** with a **rapid return on investment**.

Robust and easy to install, **Themis** is a **safe**, **reliable**, and **low-maintenance** 4-in-1 fixture, offering the flexibility of suspended mounting or installation on both vertical and horizontal poles.



4
Color temperature options

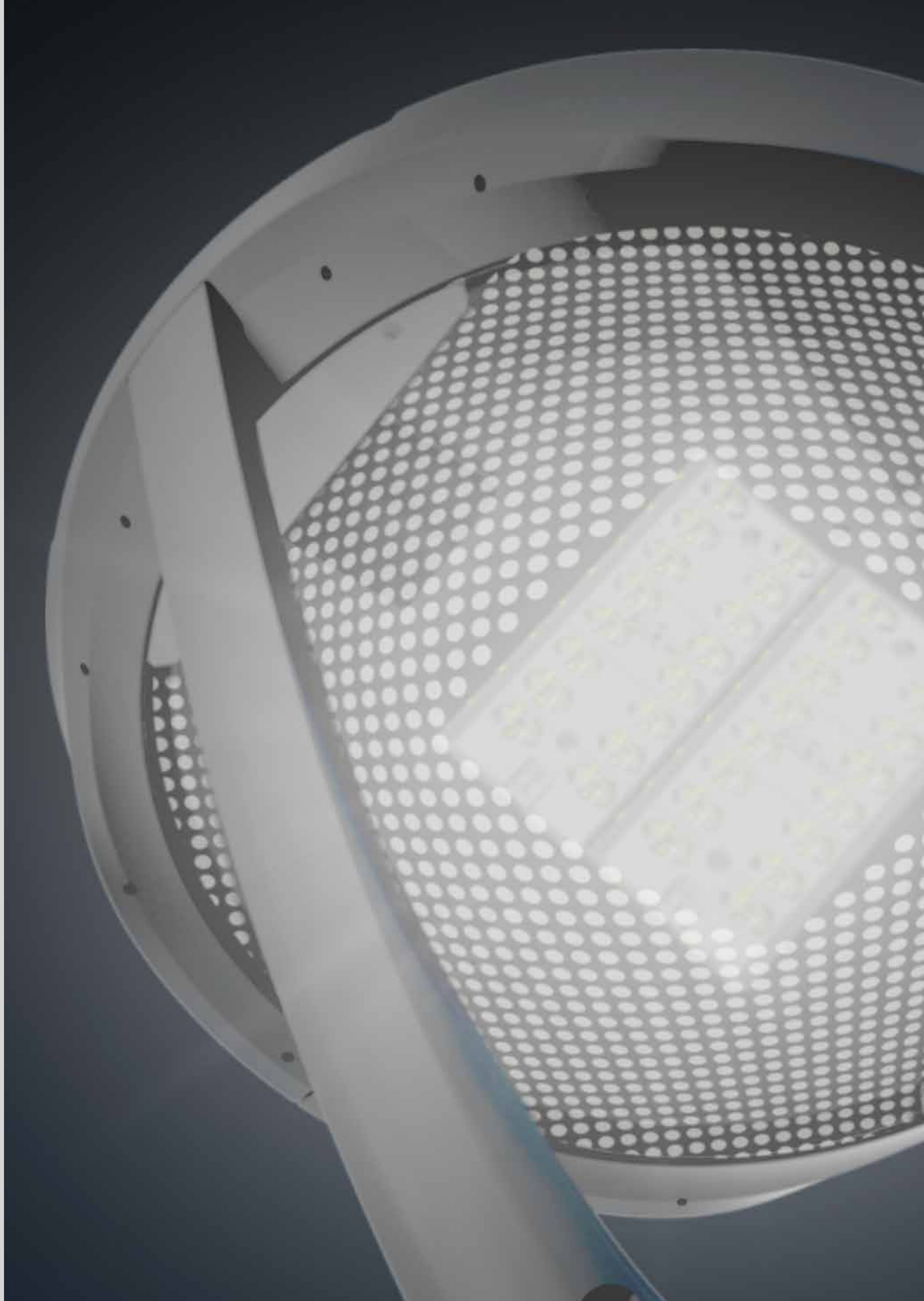
16
Multiple lumen output levels

4.800
Possible combinations

Themis:
Elegance and timeless design

15
Standard optics
Optiwise®

The combination with **Optiwise®** optics ensures maximum uniformity across a wide range of applications.



4 Product versions:
Post-Top, Street, Catenary and Suspended.

THEMIS PT
POST-TOP version

Themis is available in a Post-Top version for pole diameters of 48, 60, and 76 mm. Various pole mounting adapters are included.

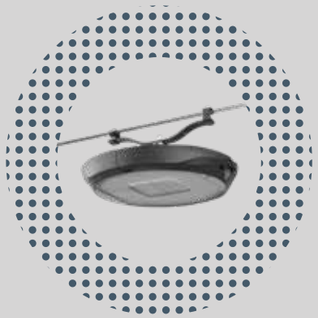


THEMIS L
STREET version

Themis is available with an L-bracket for street poles with diameters of 48, 60, and 76 mm, featuring tilt adjustment in 5° increments.



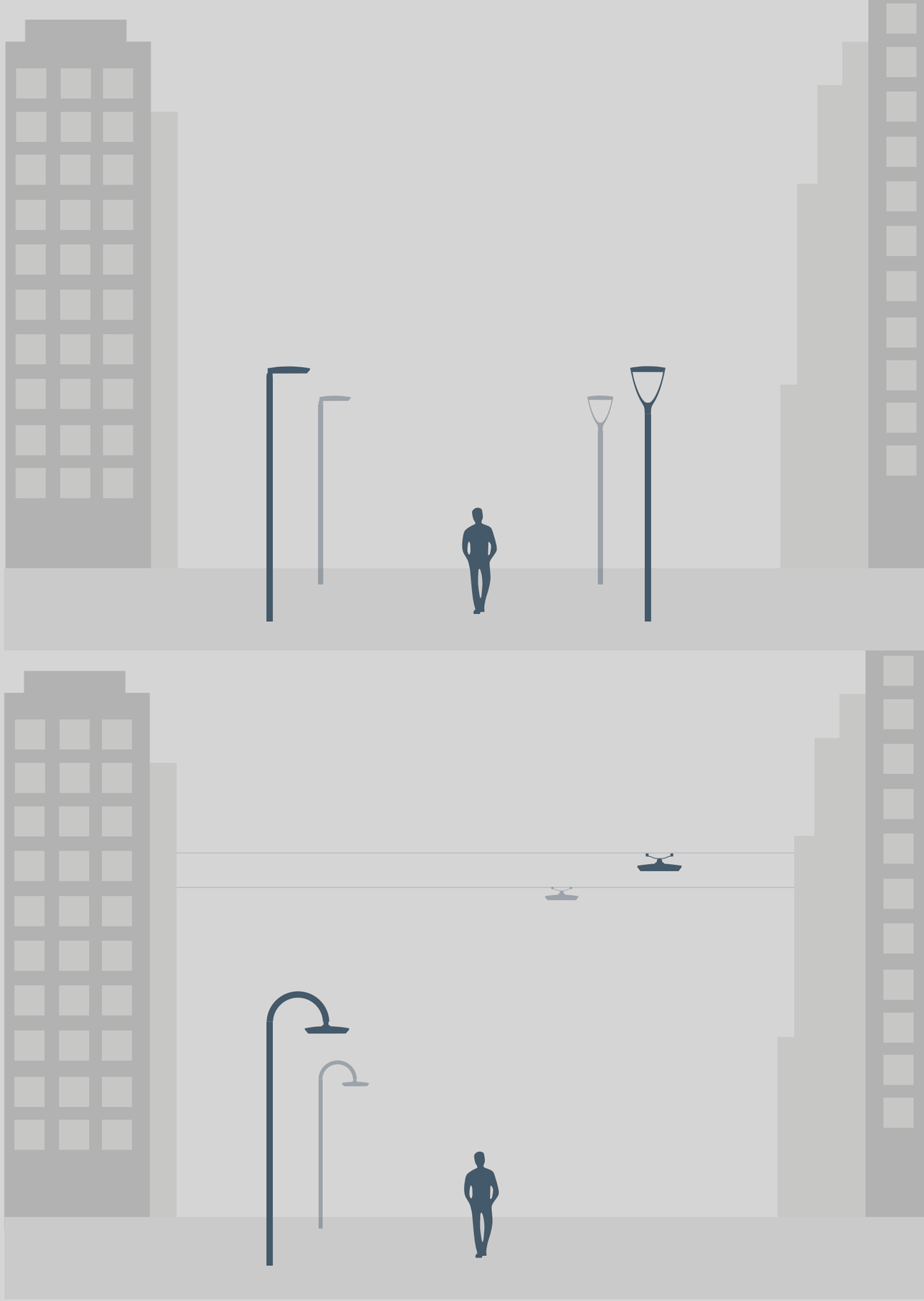
THEMIS C
CATENARY version
Themis can be installed in the C-version, suspended on catenary wires with diameters ranging from 6 to 12 mm.



THEMIS S
SUSPENDED version

Themis can also be installed in the S-version, on a bracket with a 3/4" male Gas (BSP) thread.





THEMIS



Datasheet

General Features

Applications	Street lighting
Optics	Multi-layer PMMA lenses
CRI and tolerance	Greater than or equal to 70 and S/P ratio ≥ 1.10 (as defined in UNI 11248:2016) Color tolerance between multiple fixtures: Max. 4 MacAdam steps
Photobiological safety class	Exempt Group
Insulation class	Class II, class I on demand
Wiring	Internal connections; outgoing cable + connector – tool-free opening

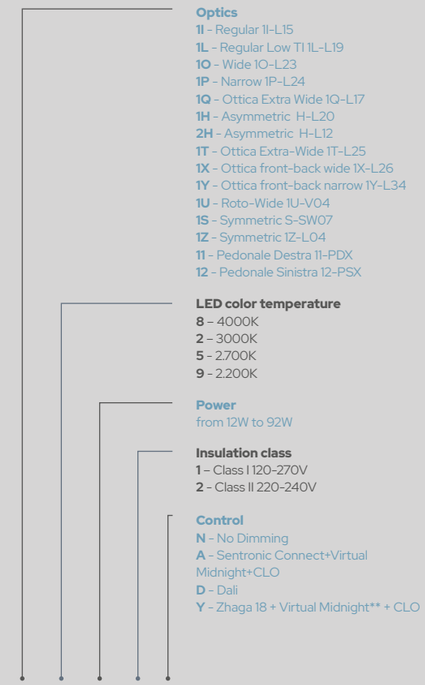
Electrical Features

Power Supply	220-240 V 50/60 Hz; 120-270 V on demand
Power factor	> 0,97 (full load)
Overvoltage protection	Automatic "virtual midnight" dimming system with up to 5 steps, CLO function. 1-10V, DALI-2, Zhaga Book 18, Sentronic Connect
Surge protection	10kV differential mode, 10kV common mode, 5kA SPD upon request

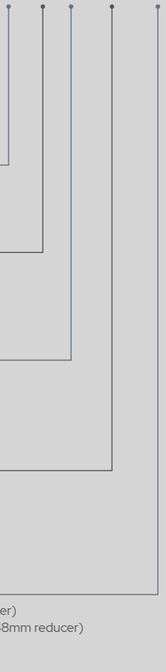
Materials

Frame and heatsink	Die-cast aluminum; Dark Coal RAL 9005 Metallic finish
Screen	5 mm thick tempered flat glass, resistant to thermal and impact shocks

Code



THPT 1L 8 01 2 A L 1 1 0M 1
THCB
THLB
THSB



Themis PT

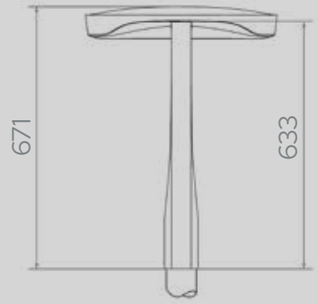
Color	Dark Coal RAL9005 Metallic
Operating temperature	-40°C +50°C
IP rating	IP66
IK rating	IK09
Power supply	220-240 V 50/60 Hz; 120-270 V su richiesta
Control system	Zhaga 18
Tool-free opening	

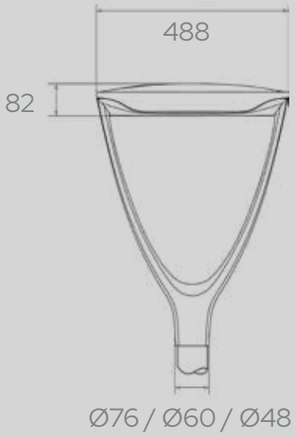
Technical Performance

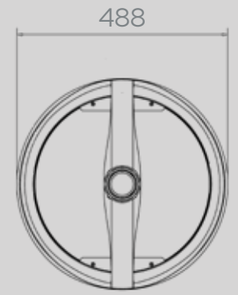
Power	From 13 W to 92 W
Lumen	From 1.700 lm to 14.000 lm
Efficiency	From 120 lm/W to 180 lm/W
Colour temperature	**2:** Warm White 3,000K; **8:** Neutral White 4,000K; **5:** Warm White 2,700K; **9:** Extra Warm White 2,200K;
Warranty	5 years
Lifetime (L90 B10)	100.000 h

Themis PT

Weight: 10 kg
Dimensions: diam 488 x 671mm







Fixing · Themis PT

Post-top mounting suitable for 76mm diameter poles with 48mm and 60mm diameter reducers.

Optical systems



1I - REGULAR



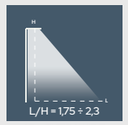
1L - REGULAR LOW



1O - WIDE



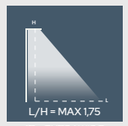
1P - NARROW



1Q - EXTRAWIDE


1H - ASYMMETRIC


2H - ASYMMETRIC



1T - EXTRAWIDE ASYMMETRIC



1X - FRON-BACK WIDE



1Y - FRONT-BACK NARROW


1U - ROTO-WIDE

Themis L

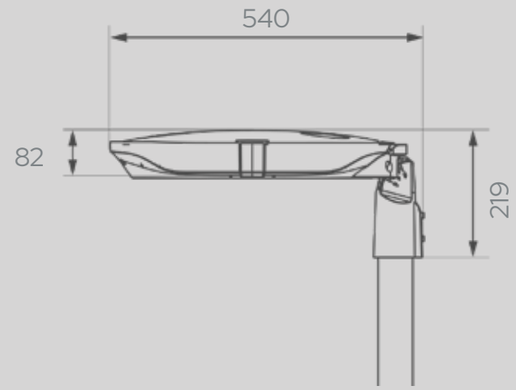
Color	Dark Coal RAL9005 Metallic
Operating temperature	-40°C +50°C
IP rating	IP66
IK rating	IK09
Power supply	220-240 V 50/60 Hz; 120-270 V on demand
Control system	Zhaga 18
Tool-free opening	

Technical Performance

Power	From 13 W to 92 W
Lumen	From 1.700 lm to 14.000 lm
Efficiency	From 120 lm/W to 180 lm/W
Colour temperature	**2:** Warm White 3,000K; **8:** Neutral White 4,000K; **5:** Warm White 2,700K; **9:** Extra Warm White 2,200K;
Warranty	5 years
Lifetime (L90 B10)	100.000 h

Themis L

Weight: 10 kg
Dimensions: diam 540 x 219mm



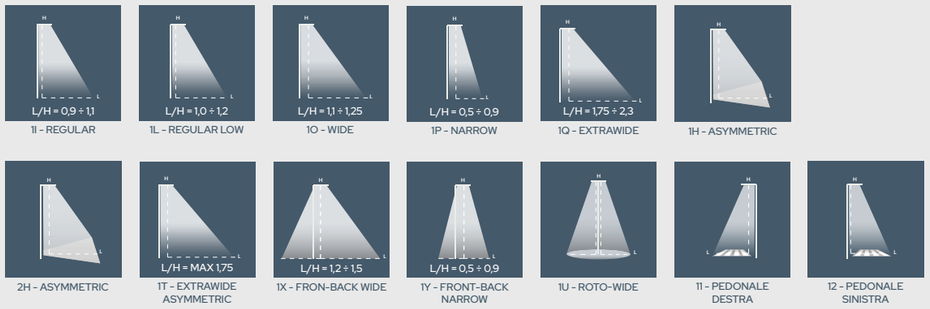
Fixing · Themis L

Post-top or side-entry mounting for vertical/ horizontal installation. 76mm diameter (including 48mm and 60mm reducers). Adjustable from -20° to +20° in 5° steps.



Ø 76 - Ø 60 - Ø 48

Optical systems



Themis C

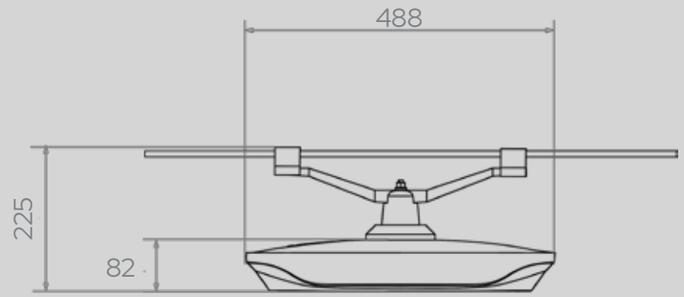
Color	Dark Coal RAL9005 Metallic
Operating temperature	-40°C +50°C
IP rating	IP66
IK rating	IK09
Power supply	220-240 V 50/60 Hz; 120-270 V on demand
Control system	Zhaga 18
Tool-free opening	

Performance Tecniche

Power	From 13 W to 92 W
Lumen	From 1.600 lm to 13.970 lm
Efficiency	From 120 lm/W to 176 lm/W
Colour temperature	**2:** Warm White 3,000K; **8:** Neutral White 4,000K; **5:** Warm White 2,700K; **9:** Extra Warm White 2,200K;
Warranty	5 years
Lifetime (L90 B10)	100.000 h

Themis C

Weight: 7 kg
Dimensions: diam 488 x 225mm



Fixing · Themis C

Catenary suspension.

Optical systems



Themis S

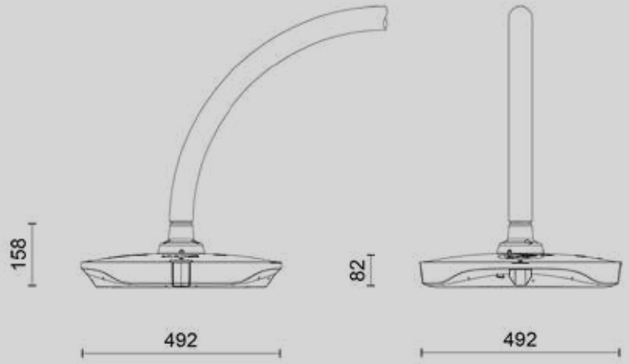
Color	Dark Coal RAL9005 Metallic
Operating temperature	-40°C +50°C
IP rating	IP66
IK rating	IK09
Power supply	220-240 V 50/60 Hz; 120-270 V on demand
Control system	Zhaga 18
Tool-free opening	

Optical systems

Power	From 13 W to 92 W
Lumen	From 1.589 lm to 13.500 lm
Efficiency	From 120 lm/W to 180 lm/W
Colour temperature	**2:** Warm White 3,000K; **8:** Neutral White 4,000K; **5:** Warm White 2,700K; **9:** Extra Warm White 2,200K;
Warranty	5 years
Lifetime (L90 B10)	100.000 h

Themis S

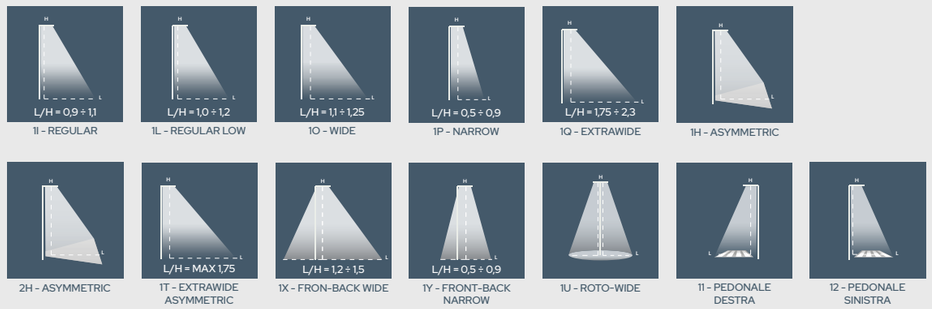
Weight: 7 kg
Dimensions: diam 540 x 219mm



Fixing · Themis S

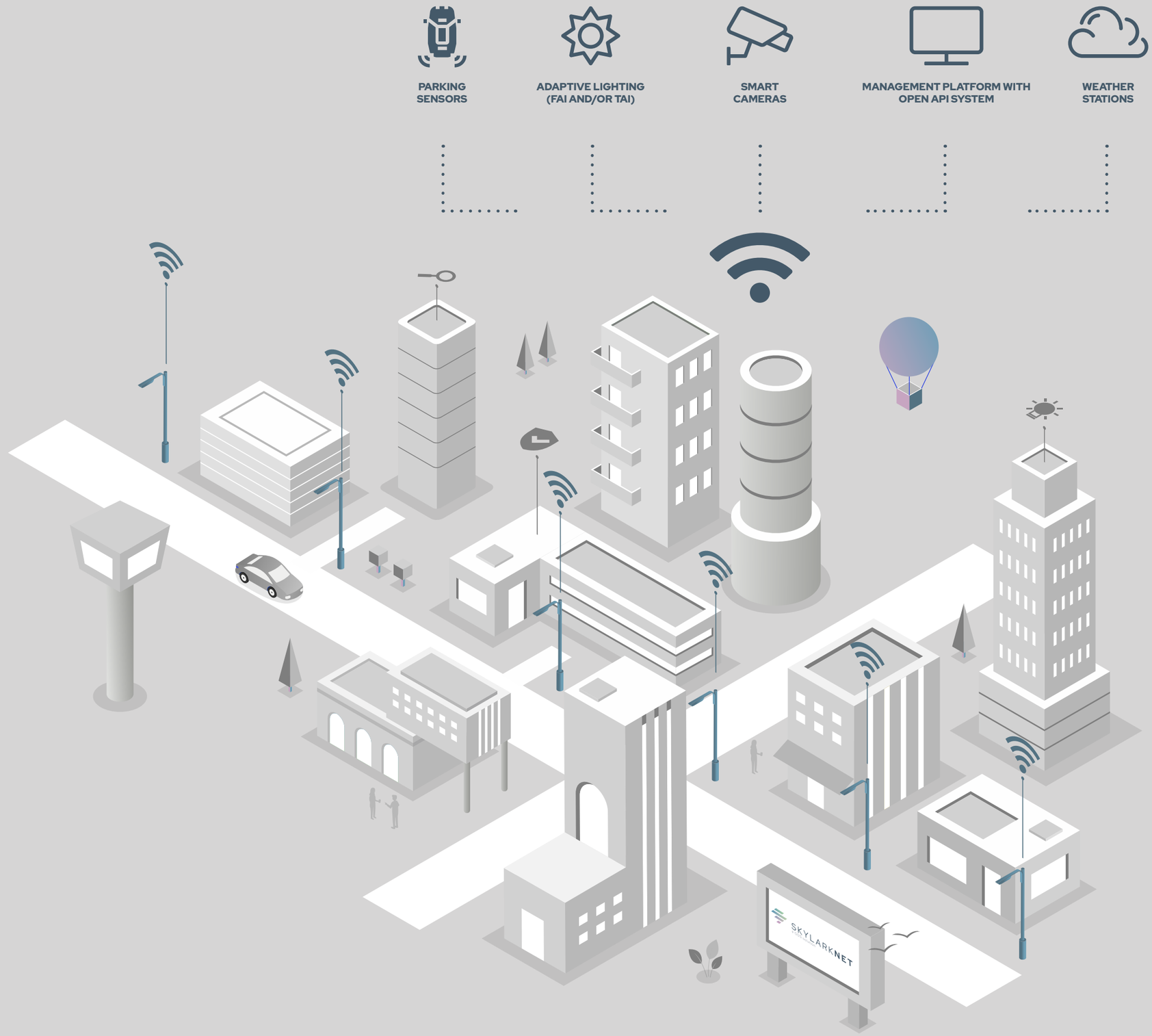
3/4" male gas attachment.

Optical systems





Themis is the **eco-friendly** street lighting solution that integrates seamlessly with **SkylarkNet**, the smart city connectivity system developed by GDS Lighting. **Open**, **scalable**, and **secure**, the **SkylarkNet** platform utilizes radio frequencies and cellular connectivity to ensure efficient communication between fixtures 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 ensures application flexibility, making it the ideal solution for high-volume projects.



Noesi

Noesi is a compact luminaire made of die-cast aluminum, a lightweight yet highly robust material. Its soft, low-profile design harmoniously blends with the street lighting collection. The two available sizes, M and L, and the option for post-top installation provide exceptional application versatility.



Hemera

Functional and durable, the Hemera family has been conceived and designed with an eco-design approach, aiming to minimize environmental impact. Its compact dimensions make the Hemera range suitable even for installations at lower heights.



Kit Retrofit

Retrofit Kit is a system designed to make the relamping of historic town centers cost-effective by leveraging the flexibility and performance of LED sources. It features 12 optical configurations and 9 power versions.



MaXimo

A family of street lighting fixtures with an innovative design, characterized by high efficacy and robustness, conceived to offer a tailored design solution for diverse lighting requirements. Its flexibility is ensured by a wide range of lumen packages, from 2,000 to 27,000 lm, a variety of photometric distributions, and several control options.



Koinè

A family suitable for urban lighting whose design integrates perfectly with the lighting of historic centers. Available in 9 power versions and 8 optical configurations.

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GDS® LIGHTING

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