

THORN
LIGHTING



PLURIO

Visual comfort, precision, adaptability

VERSATILITY AND VISUAL COMFORT, DRIVEN BY OPTICAL EXCELLENCE

AESTHETIC VERSATILITY

With Plurio, designers can select the most appropriate design to integrate with any urban space. Four different variants provide the freedom to perfectly integrate the lighting system into the built environment, both by night and by day. This versatility helps give outdoor spaces a unique identity, without compromising on quality of lighting.

GROUND-BREAKING OPTICAL TECHNOLOGY

The Plurio family is designed to provide both direct and indirect illumination, while maintaining consistency in aesthetic appearance and light quality. This innovative optical solution empowers Plurio to deliver performance, comfort and precision, providing the right solution in any outdoor situation, while fulfilling technical and environmental requirements.

LIGHT DISTRIBUTION

Plurio minimises light pollution, with zero upward light emission. It also comes with a wide variety of colour temperature options, including warm tones to respect the nocturnal ecosystem. Plurio is equipped with Thorn's NightTune, which adjusts colour temperature in line with light output to enhance the nighttime ambience. Its warm, uniform light breathes new life into spaces, supporting outdoor activity, and adapting in light level as needed.



Parks, promenades
& pathways



Urban & residential
streets



Parking



DARKSKY ACCREDITATION

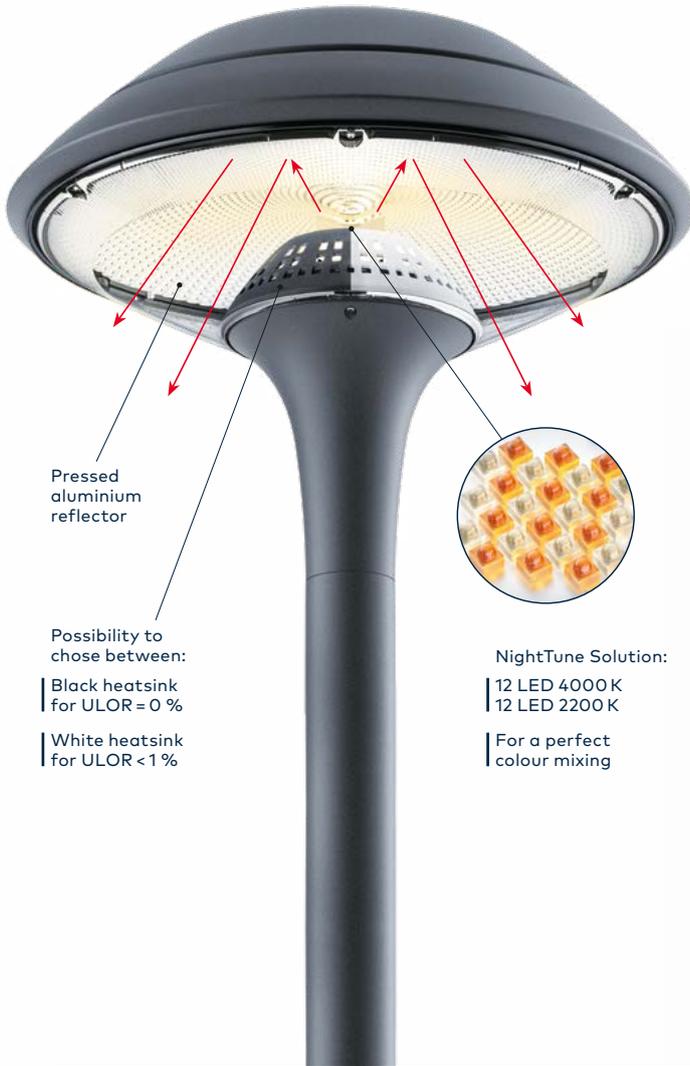
'DarkSky' is recognised as the global authority on light pollution and is the leading organisation combating this issue worldwide.

The DarkSky Approved seal is a highly regarded accreditation for manufacturers. The process to achieve this accreditation reviews key features and benefits of a luminaire, its fundamental design and deep dive analysis of photometric data to ensure the product meets strict requirements to limit light pollution.



DIRECT/INDIRECT TECHNOLOGY

INDIRECT VERSION



DIRECT VERSION



ORIGINAL CANOPY



ROUND CANOPY



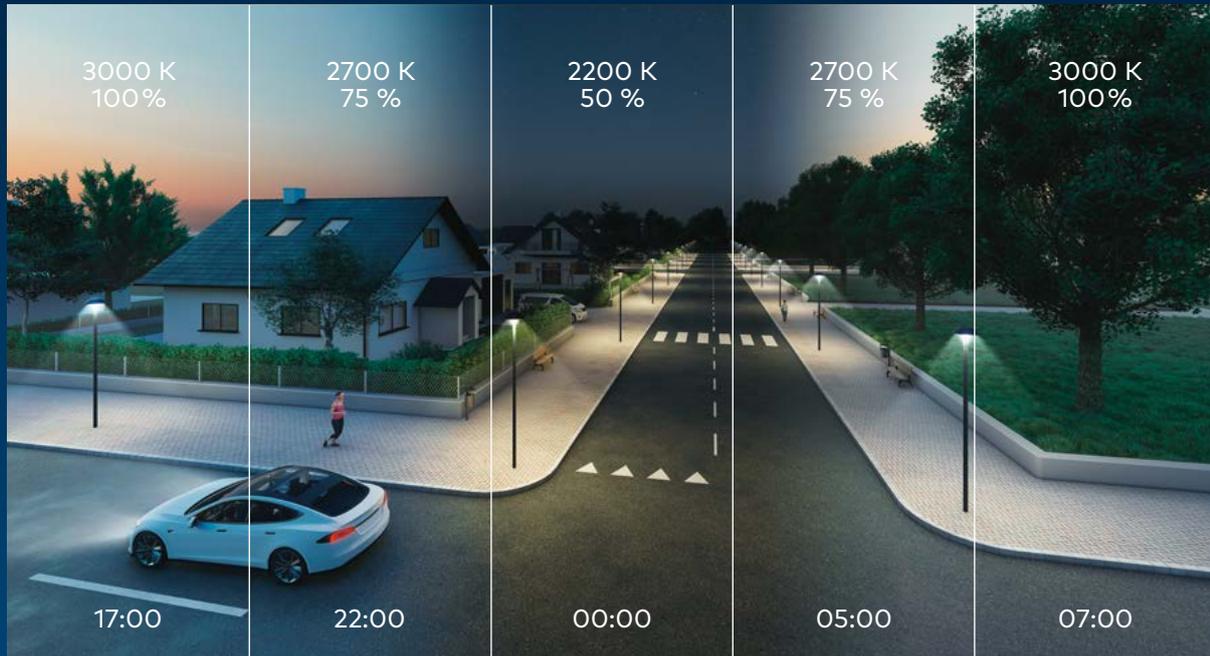
FLAT CANOPY



DISC CANOPY



NIGHTTUNE TECHNOLOGY



NightTune creates the perfect balance in lighting at night. It gives a sense of security and wellbeing for people whilst conserving energy and protecting ecosystems. NightTune automatically adjusts the level of light emitted from a light fitting, mixing dimmable light from warm and cool LEDs. Cooler LEDs dim when night falls and increase when traffic levels rise in the morning, leaving warmer LEDs on throughout the night.



ZHAGA FUTURE-PROOF CONTROL

With a Zhaga socket connection, project owners gain an intelligent luminaire that is ready for a smart future. This RF-based, wireless control system empowers the convenient remote management of individual luminaires or groups of luminaires; troubleshoot, access system status and analysis data, manipulate the time, calendar and more – without having to physically visit installations.



Zhaga

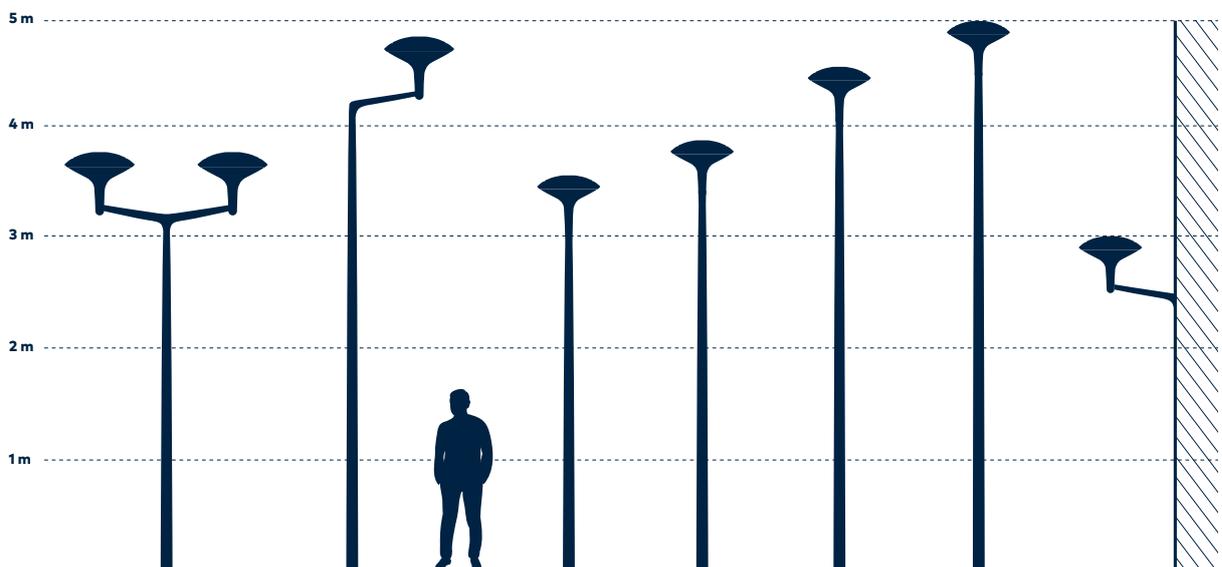
Zhaga provides ready access to a wide choice of control solutions via a standardised, Zhaga-D4i certified socket.

INSTALLATION POSSIBILITIES



Plurio offers a number of possible mast configurations, styles, mountings and heights. Installers benefit from:

- Pre-wired for installation with just one tool
- Pre-wired with 2 x 1.5 mm² HO5VVF option
- Dedicated range of columns and brackets
- 60 mm or 76 mm Spigot



DISCOVER

PLURIO

*IDA fixture seal of approval relates to ≤ 3000 K only and clear enclosures.
Luminaires must be mounted as photometered.



| | PLURIO DIRECT | PLURIO INDIRECT |
|-------------|--|--|
| | 18 LEDs | 24 LEDs |
| | 2200 K / 2700 K / 3000 K / 4000 K | 2200 K / 2700 K / 3000 K / 4000 K / 2200-4000 K |
| | up to 6840 lm | up to 6080 lm |
| | up to 130 lm / W | up to 134 lm / W |
| CRI | 70 / 80 | |
| ULOR | 0 % | 0 % with black heatsink |
| | IP66 | |
| | -30 to 25 °C | |
| | IK08 | |
| | T60: C5 ; T76: C3 | |
| | 100 000 h B10L90@25 °C | |
| | Rotational Symmetrical / Wide Street Asymmetrical | Rotational Symmetrical / Extra Wide Comfort Asymmetrical / Extra Wide Comfort Asymmetrical with backlight control louvre |
| | T60 / T76 | |
| | Texturised anthracite, black or light grey and 60 additional colours | |
| | 10 kV single pulse common mode | |
| | Bi-Power, Bi-Power Switch, Bi-Power Line, Light Reduction Twin Phases, Multi-Layers Dimming, Constant Light Output, Mini Photocell, (DALI / Indirect), Nema, Zhaga interface | |



As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
thornlighting.com/guarantee

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.
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**WE
MAKE
LIGHT
WORK**