

## COMING SOON

### A new elegant and efficient urban luminaire that adapts to its environment

*Carat has the power to adapt to a project's needs with the new Variable Light Distribution technology from Thorn.*

Dornbirn, Austria / April 2021 - Thorn Lighting is proud to announce the launch of Carat. This high performance, elegant product has the power to adapt, to match the exacting requirements of an urban outdoor lighting project thanks to its Variable Lighting Distribution technology.

#### **Carat: The highest quality of light**

Carat, is the latest Thorn product to join the portfolio and is the best in class for efficacy, using the most efficient LEDs on the market. With an extremely long service life, this urban lighting product has not only been designed, manufactured and packaged to have the lowest environmental impact possible, it also has outstanding length of operability and sustainable end of life qualities. The adjustable design comes in two sizes, with multiple complementing mounting bracket options, and delivers unobtrusive lighting performance on roads, residential, parking and transportation areas as well as cycle paths.

#### **Combined versatility and performance**

The elegance of the design is matched by the performance and versatility of the product. The luminaire can deliver the best possible lighting for an urban environment and it can also be easily tailored to each unique location within a project, to maximise efficiency, reduce environmental impact and to improve safety. Carat can have the additional Variable Light Distribution technology from Thorn included, which elevates this efficient luminaire from brilliant, to exceptional.

#### **The Variable Light Distribution technology**

Thorn Variable Light Distribution technology adapts both its performance and ambience to each project configuration. By mixing two lighting distributions and two colour temperatures into one luminaire, Variable Light Distribution optimises the comfort and security for each user in one common area, should they be pedestrians, cyclists or motorists.

It delivers the most appropriate lighting level and colour depending on where the user actually needs it. Variable Light Distribution and detection sensors can be used together to create different lighting scenarios that protect the environment, support visual comfort and increase safety.

In addition to the Variable Light Distribution, Carat can also be equipped with NightTune. A technology that works by mixing light from warm and neutral LEDs in order to achieve different colour temperatures and levels of brightness.

Corinne Delor, Product Manager Residential Areas, says: “Carat is the perfect lantern for an urban project. We took time to consider the classic, its shapely design to guarantee its timeless shape and aesthetic. We also know that cities and urban spaces have to be ready for a smarter and more sustainable future, so we engineered Carat to include our latest technologies, Variable Light Distribution and NightTune, making it a product that is not only attractive, but functional and future proofed.”

## Images

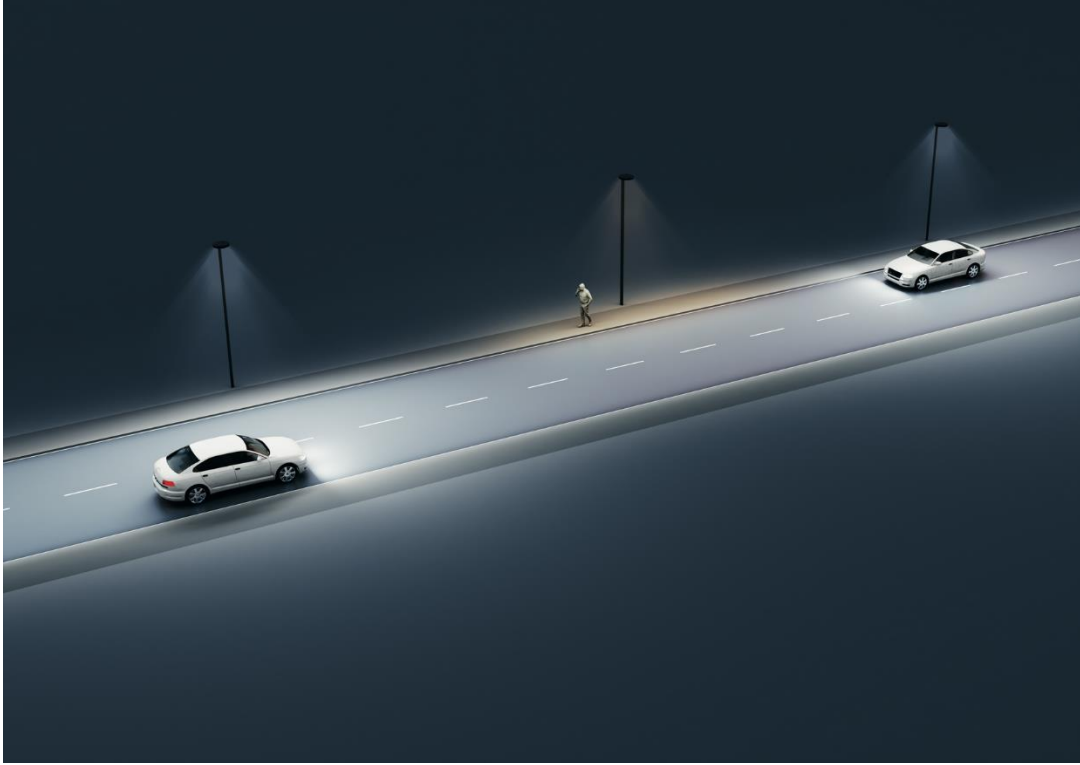
(Photo credits Thorn)



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**Video**

<https://www.youtube.com/watch?v=ZWqP8xPTgYY>

## Information

This press release and high-resolution images can be downloaded from:

[www.thornlighting.com/en/about-us/press](http://www.thornlighting.com/en/about-us/press)

## About Thorn

Thorn designs and develops innovative, performance-driven and dependable indoor and outdoor lighting and control solutions. Our comprehensive portfolio addresses the daily requirements of municipalities, contractors, consultants, architects, installers, wholesalers and end users. It covers a broad spectrum of applications, including office, education, industry, urban life, transportation, sports, road, parking and also emergency and control solutions. Around the world, the Thorn name is synonymous with proven quality, reliability and efficiency. With over 90 years of lighting experience, we have established ourselves as a trusted partner committed to providing customers with support that goes far beyond the product. We help to improve public and traffic safety in communities with intelligent solutions and better connectivity. Thorn is a proud member of the Zumtobel Group and fully dedicated to providing the right light for people, places and the environment. In all of our efforts: We make light work for you. Learn more at [www.thornlighting.com](http://www.thornlighting.com)

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