

## Chalice

**The refined downlight family where performance meets state-of-the-art efficiency with durability, ingress protection and circular design quality.**

Improving on the best of Chalice and Chalice Pro, the newly launched third-generation Chalice delivers an adaptable, in-depth range that can meet a plethora of demanding downlighting needs, ensuring it is suitable for installation in numerous applications. This includes office, education, retail health and care, residential, as well as industry and transportation (plus many others).

The downlights are available in three cut-out sizes (100 mm, 150 mm and 200 mm), multiple lumen packages and a choice of reflector finishes. In addition, the core recessed Chalice range offers an impressive IP54 ingress protection from water, dust and dirt as standard with an optional ultrasonically welded polycarbonate cover that extends protection up to IP65. There's even a high-ceiling model that delivers 5000 lumens through an advanced custom optic, whilst two surface-mounted and suspendable variants complete the Chalice family, expanding both interior and exterior installation possibilities.

Another highlight of the Chalice downlight family are its green credentials. Designed and manufactured by Thorn in Lemgo, Germany, Chalice has been developed with circular design principals in mind. Both the driver and LED light engine can be maintained and upgraded by a qualified professional. At its core, a heatsink (90% of which comes from recycled aluminium) provides further optimal conditions for a prolonged lifetime as well as future recyclability.

Mark Mattimoe, Thorn's Indoor Product Management Director said, *"It's been a real pleasure bringing this latest generation downlight to market together with our product management and R&D colleagues, Ulrich Juergenschellert and Lennart Sulzbach, alongside the wider Lemgo team. Chalice was already a well-designed and manufactured downlight, but the process of developing the third-generation has enabled us to really consider what a downlight should be in the 21<sup>st</sup> century. From the recycled content in its build materials to the replaceability of its parts means it's a product that is fit for a greener, more sustainable future."*

*"This new generation of Chalice is an excellent refurbishment solution, especially when changing from inefficient compact fluorescent and early-generation LEDs. The Chalice low-power, high-efficiency LED downlights will bring about significant improvements in terms of cost and energy usage, but coupled with the design quality – it's a product that can be trusted to deliver exceptional lighting regardless of application."*

Click below to find out more about the significant benefits that can be achieved with Chalice:  
[https://www.thornlighting.com/en/products/indoor-lighting/downlights/Chalice\\_3](https://www.thornlighting.com/en/products/indoor-lighting/downlights/Chalice_3)

(Photo credits Thorn)



#### **Information**

This press release and high-resolution images can be downloaded from:  
<https://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 95 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)

#### **Press Relations**

Jessica Dixon  
Global Campaign and Content Manager  
T: +44 (0)7967 448951  
[jessica.dixon@zumtobelgroup.com](mailto:jessica.dixon@zumtobelgroup.com)