



Case Study

Boozt Fulfilment Centre

THORN

member of zumtobel group

Boozt Fulfilment Centre, Sweden

With Thorn Lighting



Thorn luminaires light the way to improved efficiency in the innovative new logistics centre of Swedish online giant Boozt Fashion.

Scandinavia has long been famed for its willingness to embrace fresh ideas. With products ranging from the thermometer to Skype invented here and many international companies opting to launch new products in the region, Scandinavia has become synonymous with innovation.

Given the boom in online shopping, it is little surprise that almost a third of all retail purchases in Sweden are made on the internet. In line with this trend, Boozt Fashion has achieved annual sales of SEK 1 billion to become one of the fastest growing online shops in Scandinavia.



The fact that Boozt sends out 400,000 products monthly shows the vital importance of logistics in the world of online retailing. With this impressive figure expected to grow, the company has teamed up with its Logent distribution partner to open the largest and most modern logistics centre in the Scandinavia e-commerce sector. Built by the firm Catena near the town of Ängelholm, the 43,500-square-metre warehouse features 130 robots that can collect items from 130,000 storage points, satisfying orders from customers all over Scandinavia.



Innovative applications need the right lighting concepts. With this approach clearly in mind, Zumtobel and Thorn were chosen to provide solutions tailored to suit the different functions within the distribution centre. Having assessed the needs of areas such as the warehouse, the cargo areas and the offices, lighting designer Hans Wihlborg from Helsingborg-based HEL consultants selected a basket of Thorn solutions to provide the optimal blend of effectiveness and efficiency.

The extensive warehouse features 1250 luminaires from the high performance industrial LED luminaire [Indus Top](#).

[Chalice LED](#) downlights create a comfortable environment around the office space, which covers more than 1500 square metres. Good working conditions are created with the [Beta](#) panel, which ensures a uniform and glare free illumination around the checkout area. Stepping outside, wide beam versions of the German Design Award-winning [CiviTEQ LED](#) lantern illuminate the parking area, while [Areaflood](#) LED floodlights provide effective lighting for the various loading bays. LED bollards from the [Avenue Deco](#) and [Adelie](#) product families around the entrance complement the look and efficiency of the overall concept.

The façade lighting represented a special challenge. Given the size of the building, the proximity to a nearby main road and the need to consider aspects such as light pollution and energy consumption, lighting designer Hans Wihlborg used SKENA wall-mounted luminaires from Zumtobel to create a subtle starry night effect. The result has been welcomed by both the client and the general public. From a brand perspective, the combination of products from Thorn and Zumtobel further underlines the collective strength of the Zumtobel Group.

The new Boozt Fulfilment Centre is part of E-CITY Engelholm. The goals of this initiative, with an investment of over SEK 500 million, are to gain Green Building status and achieve an average energy consumption of just 13 kWh per square metre – well below the 50 kWh recommendation set by Boverket, the Swedish board of housing, building and planning.



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.

Photos: Ole Jais

Publication Date: 08/17

thornlighting.com

THORN

member of zumtobel group