



BEACON OPTRONICS

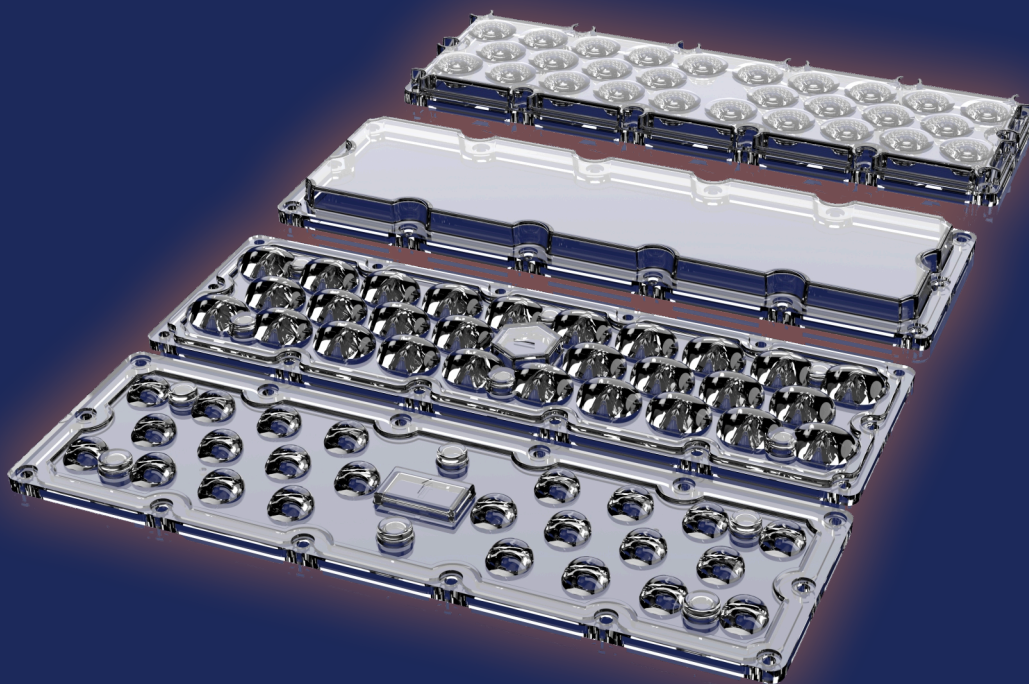
The Shape of light

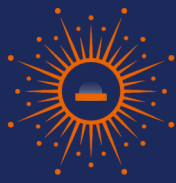
PRODUCT DATA-SHEET

THEIA SERIES

28X1 T-IIH

BO120-Theia-28x1-5050-Type II H(NHAI)





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T-III

Applications



Street

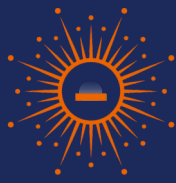


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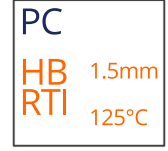
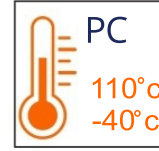
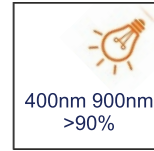
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Features & Application

- Optimized for 5050 led (Cree,Osram,Bridgelux) Higher efficiency and Lumious flux.
- Outstanding Optical design to achieve a perfect distribution and overall uniformity.
- Complying Ui94 specification and UV protected.
- Power /module of the lamp.
- The installation is flexible, and the number of lenses. can be. flexibly Selected according to the lamp.
- Complete light distribution to meet North American road standards, European Standerds and GB-CJJ45-2015 (Me4).



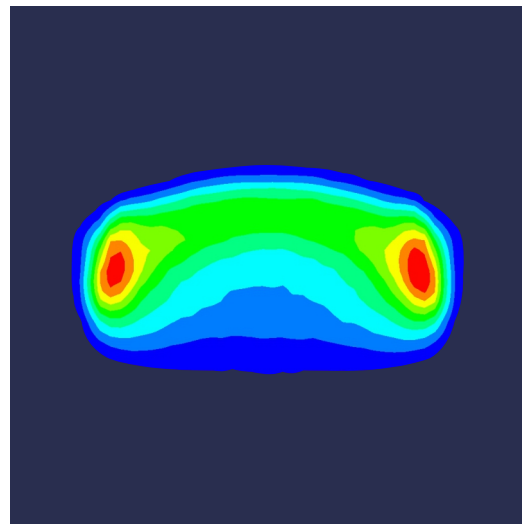
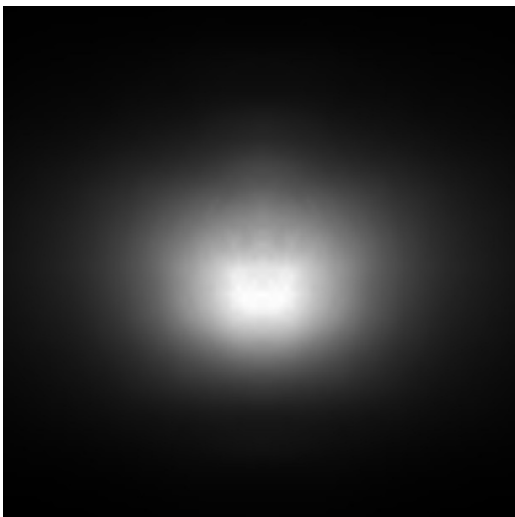
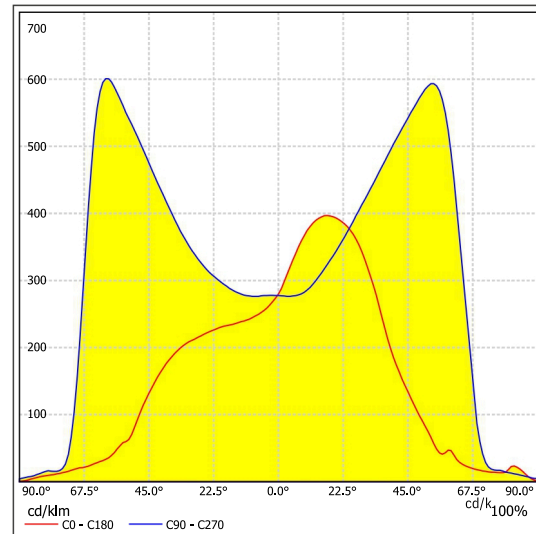
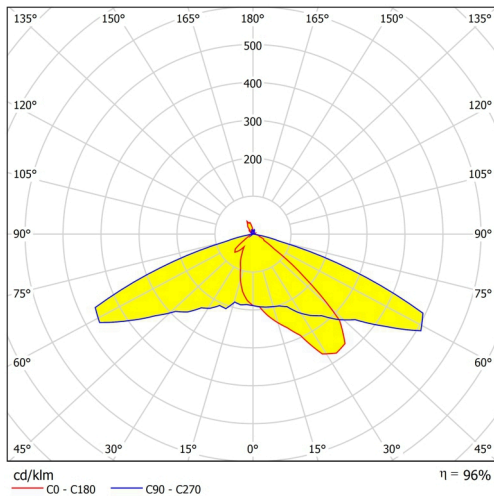
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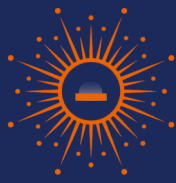


Material Specifications

- ▶ Lens Material: Polycarbonate(Makrolon 2407&2647/Teijin1225Z)
- ▶ Operating Temperature:PC: -40°C~+110°C (Upper Limit +120 C)
- ▶ UL Flammability:PC 2407/1225Z:V-2 @0.75mm & HB @2.7mm
- ▶ UL RTI Elec PC 2407/1225Z: 125 C @1.5mm
- ▶ Light Transmission Rate 400nm~900nm> 90%
- ▶ Refractive Index-: 1.584 (ISO 489/ASTM D542)

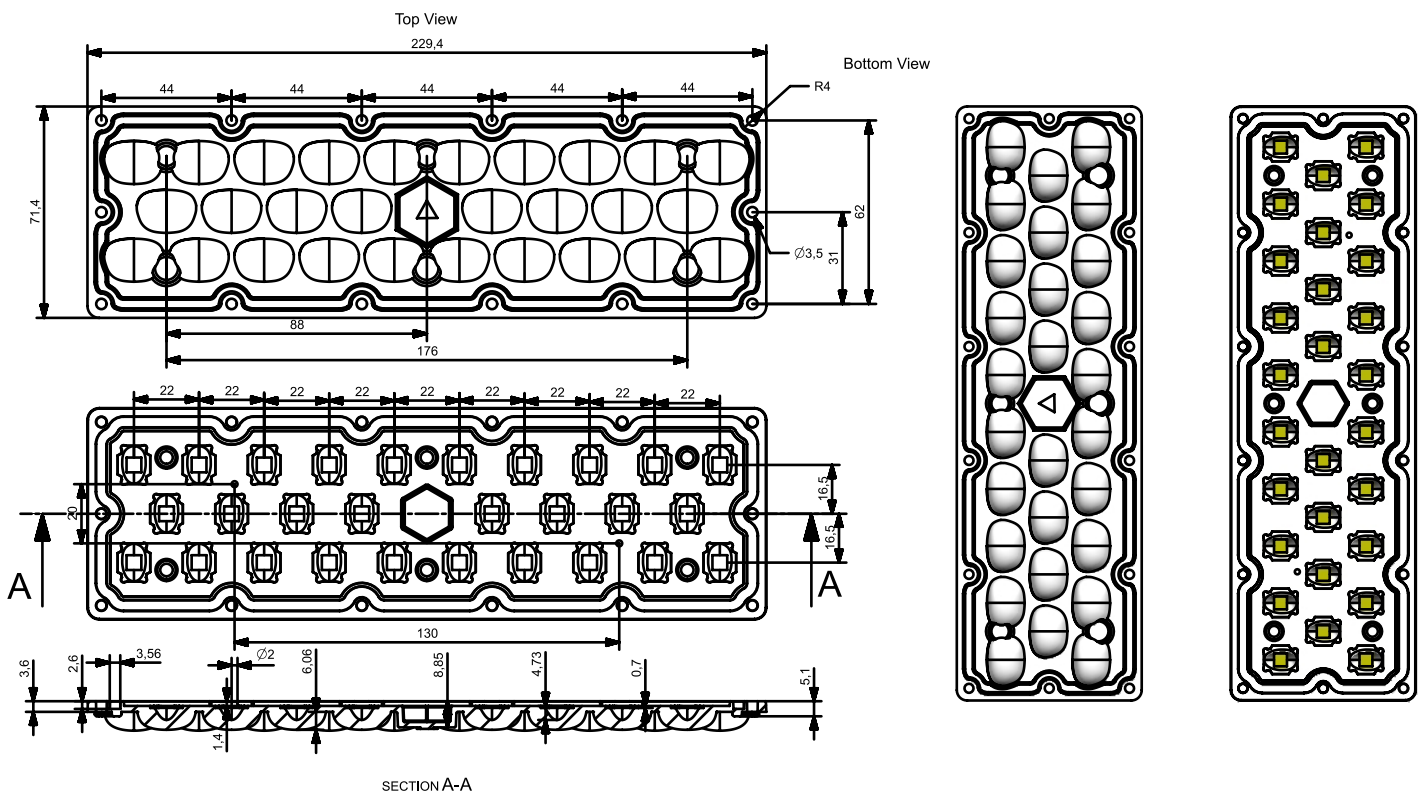
Optical Specifications



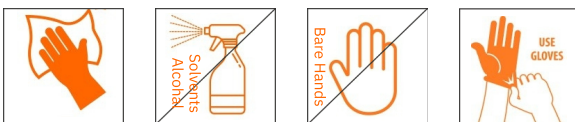


Mechanical Specifications

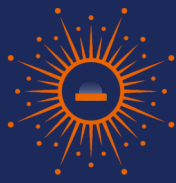
Fastening-: Glue Screw Tape Frame



General Information



- ▶ If necessary, Clean Lenses With Mild Soap, Water and soft cloth.
- ▶ Never use any commercial cleaning solvents on lenses, like alcohol.
- ▶ Please handle or install lenses with wearing gloves, skin oils may damage lens or its opticals characteristic.



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