

**BEACON OPTRONICS**

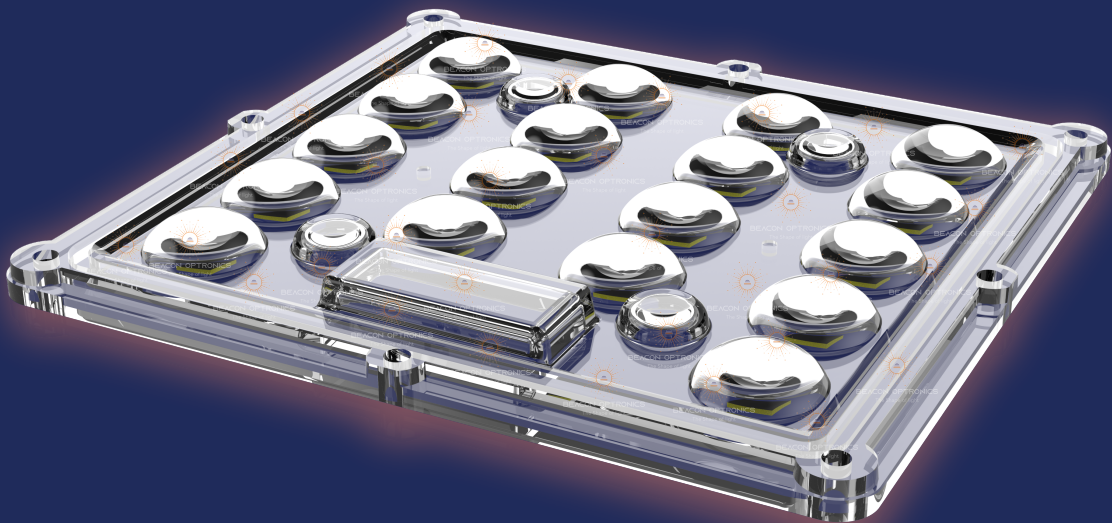
The Shape of light

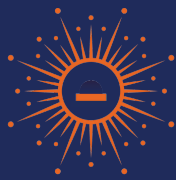
**PRODUCT DATA-SHEET**

**CUSTOM SERIES**

**18x1 90°**

**BO119-Custom-18x1-5050-90°**





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90°

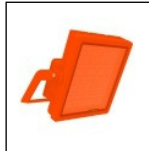
## Applications



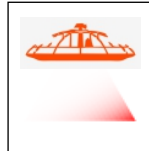
Industrial



Stadium Light



Flood Light



Highbay Light

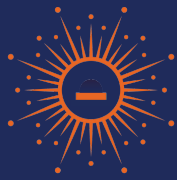


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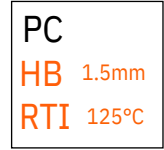
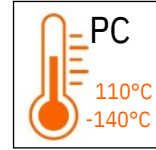
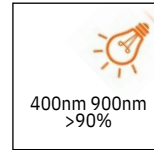
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## Features & Applications

- Optimized for 5050 led (Osram, Lumileds, Seoul) Higher efficiency and Luminous flux.
- Outstanding Optical design to achieve a perfect distribution and overall uniformity.
- Complying UI94 specification and UV protected.
- The installation is flexible & the number of lenses can be flexibly selected according to the power/module of the lamp.
- Complete light distribution to meet North American road standards, European standards and GB-CJJ45-2015 (Me4)



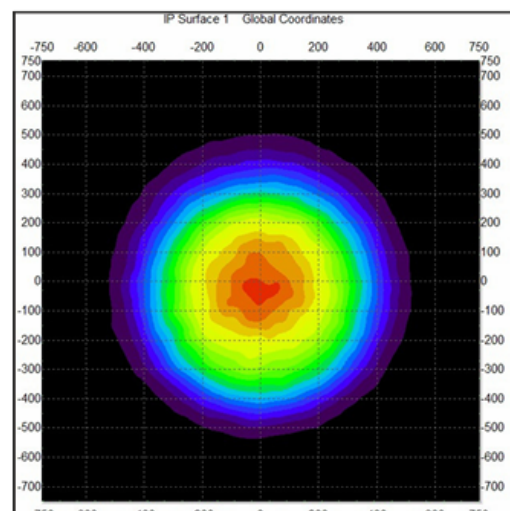
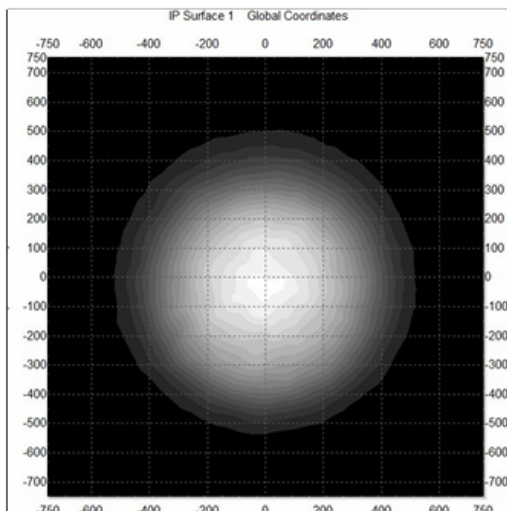
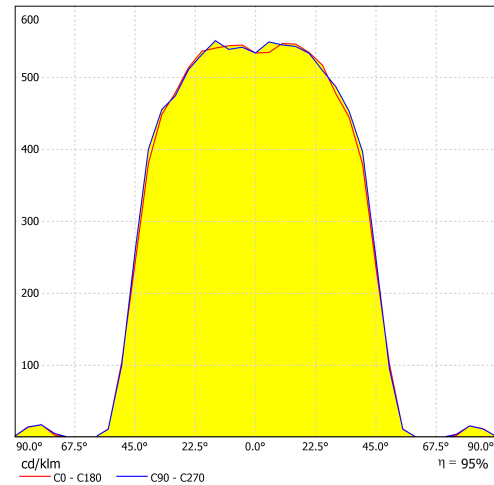
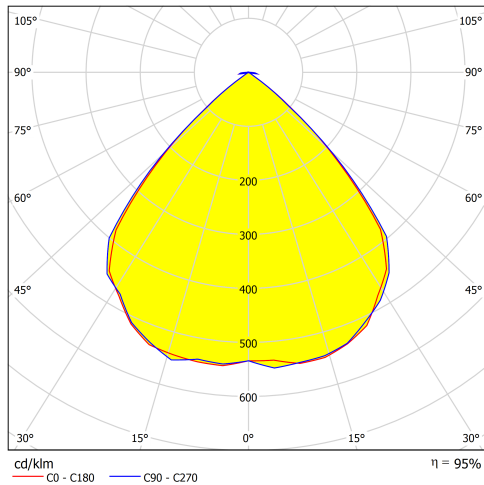
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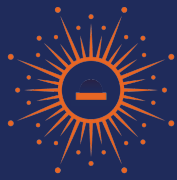


## Material Specifications

- ▶ 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





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## Mechanical Specifications

Fastening:- Glue



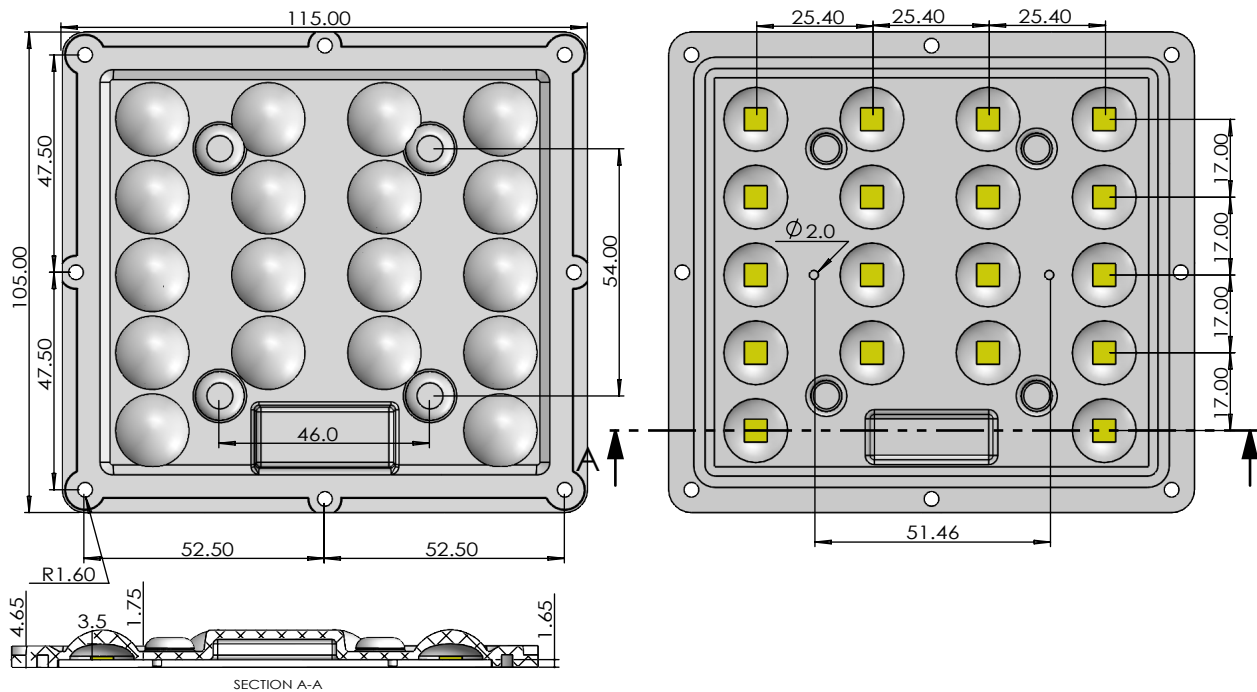
Screw



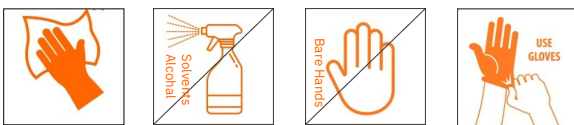
Tape



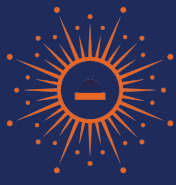
Frame



## 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 optical characteristic.



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