

BEACON OPTRONICS

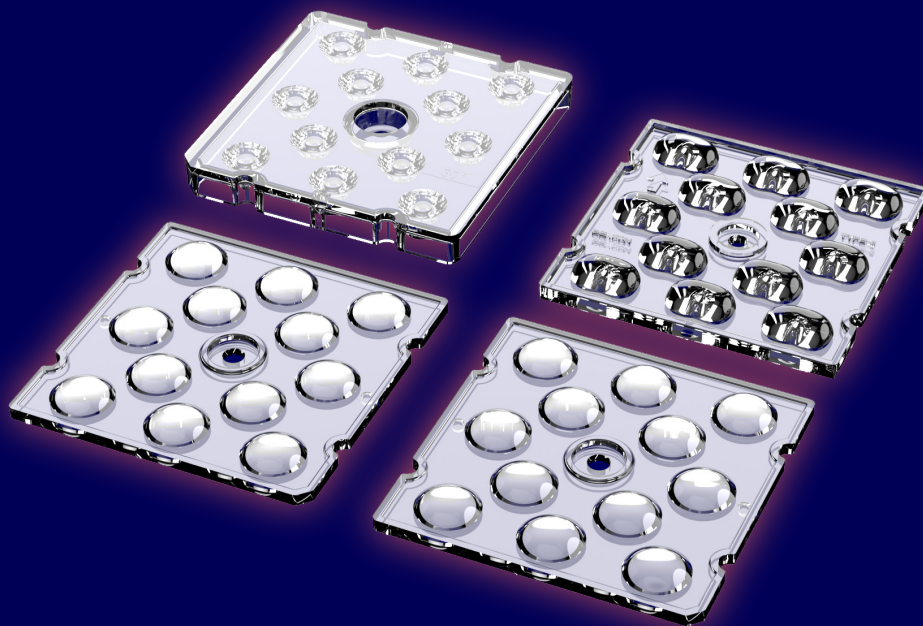
The Shape of light

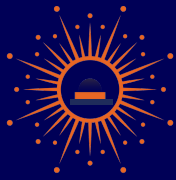
PRODUCT DATA-SHEET

POLSTAR SERIES

12x1 90°

BO72-Polstar-12x1-2835/3030-90°





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90°

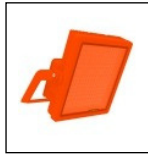
Applications



Industrial



Stadium Light



Flood Light



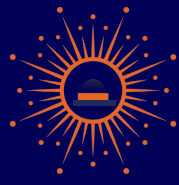
Highbay Light

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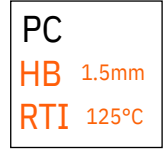
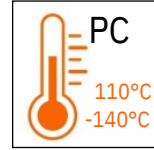
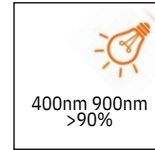
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Features & Applications

- Optimized for 2835/3030 led (Osram, Lumileds, Seoul) Higher efficiency and Luminous flux.
- Outstanding Optical design to achieve a perfect distribution and overall uniformity.
- Complying U194 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)



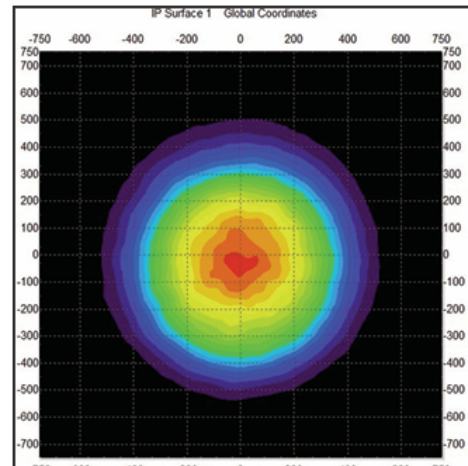
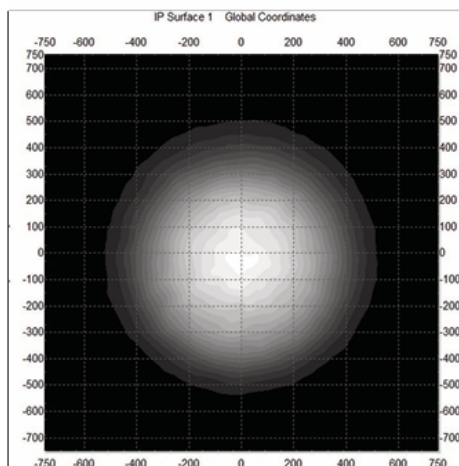
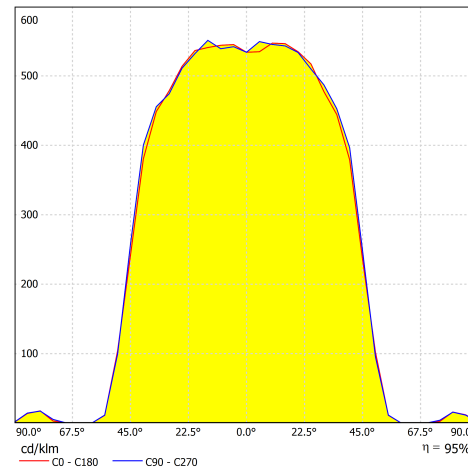
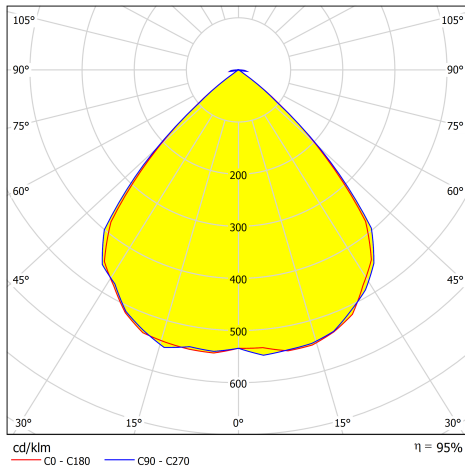
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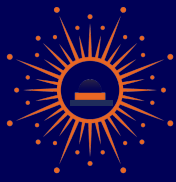


Material Specifications

- ▶ **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



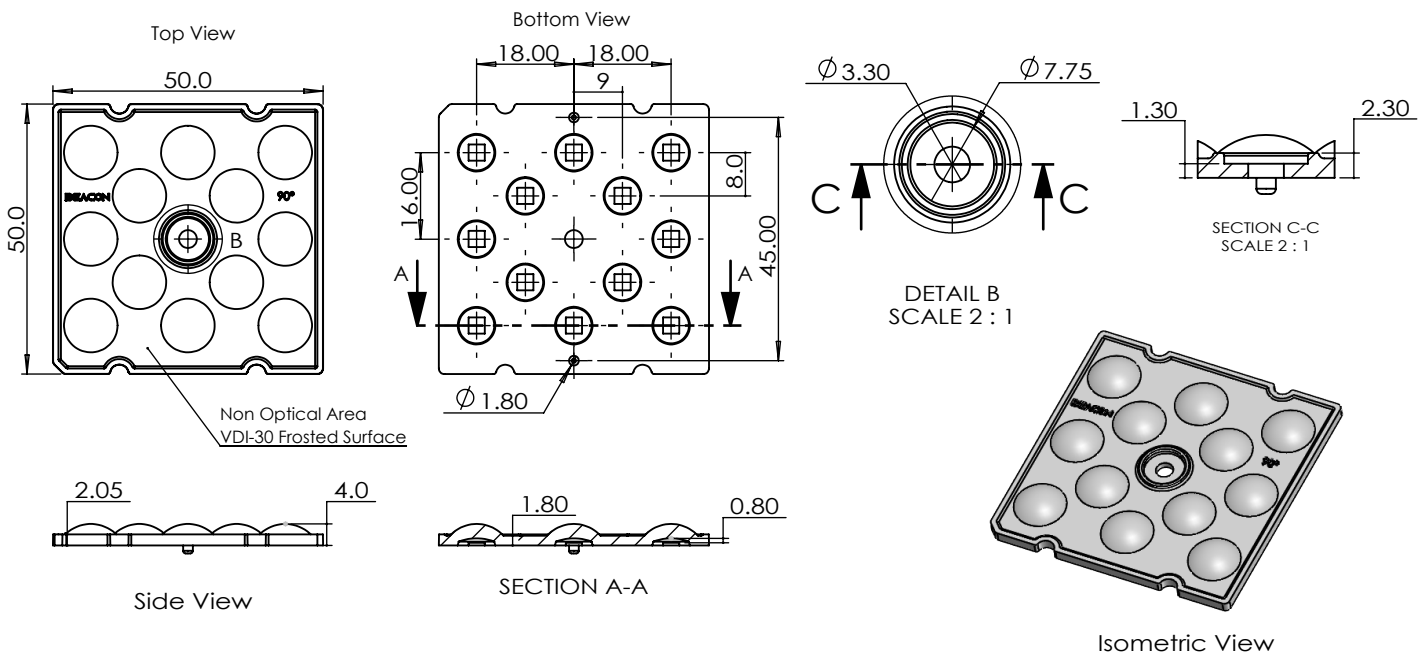
Screw



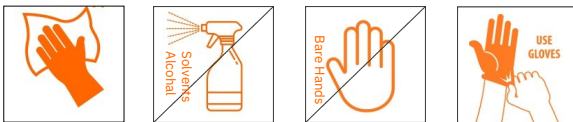
Tape



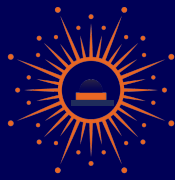
Frame



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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