BEACON OPTRONICS

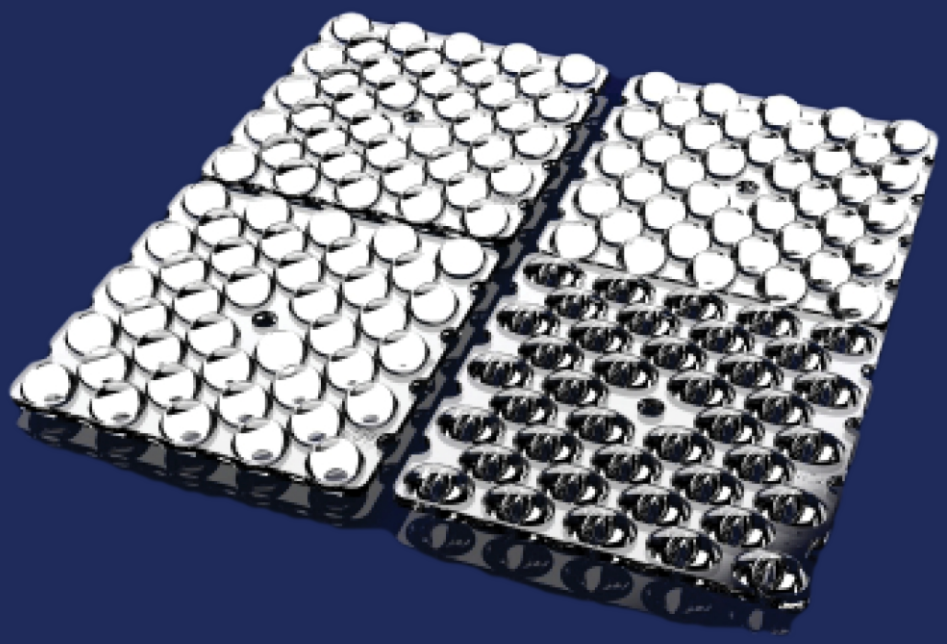
The Shape of light

PRODUCT DATA- SHEET

OCULUS SERIES

40X1 30Deg

BO51-Oculus-40x1-2835/3030-30°



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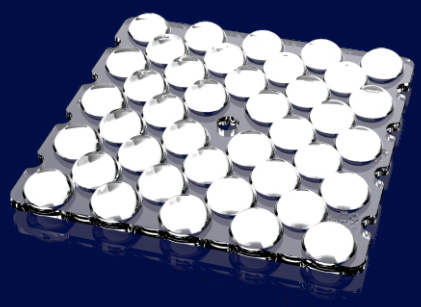
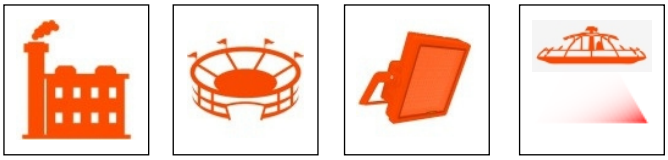
30°



Applications



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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 Ul94 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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400nm 900nm
>90%

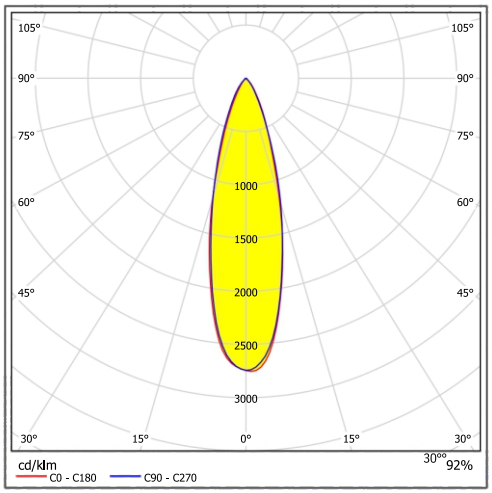
PC
110°C
-140°C

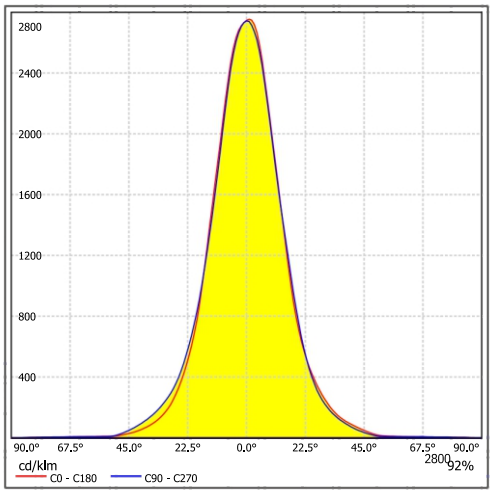
PC
HB 1.5mm
RTI 125°C

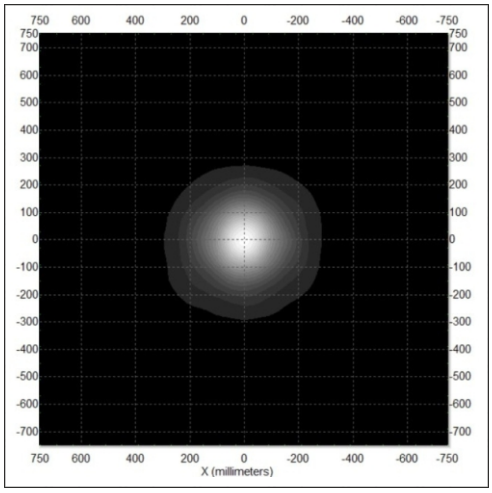
Material Specifications

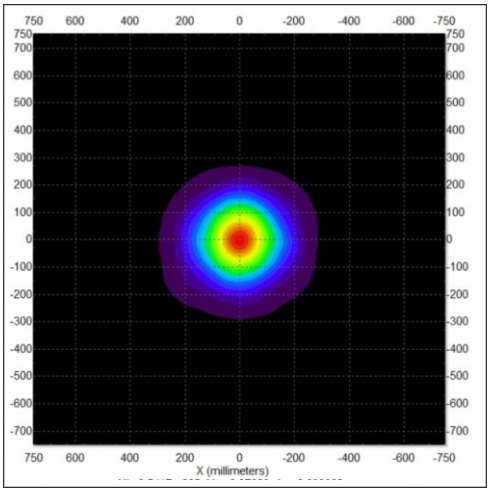
- Lens Material: Polycarbonate(Makrolon 2407&2647/Teijin1225Z)
- Operating Temperature:PC: -40°C~+110°C (Upper Limit +120°C)
- UL Flammability:PC 2407/1225Z: V-2 @0.75mm & HB @2.7mm
- UL RTI Elec: PC 2407/1225Z: 125°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- Refrective Index-: 1.584 (ISO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

Optical Specifications









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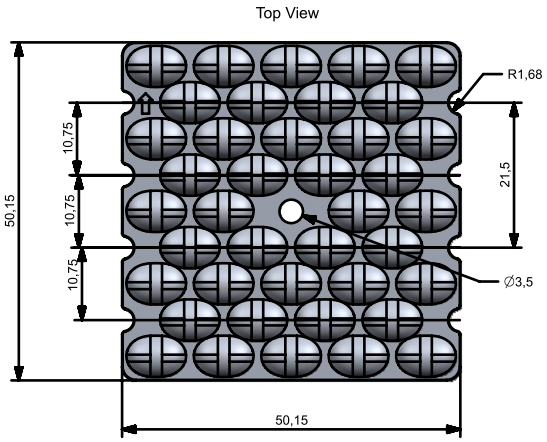
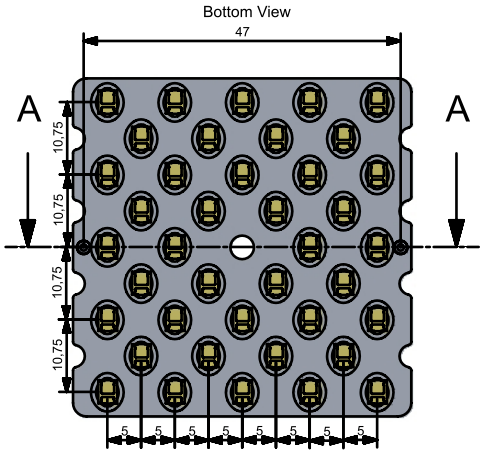
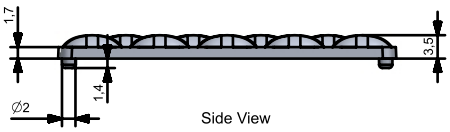
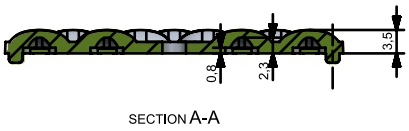
Mechanical Specifications

Fastening:- Glue ☐ Screw ☑ Tape ☐ Frame ☑

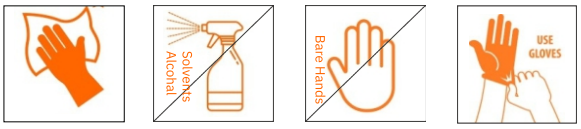








General Information



- 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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