









<u>\*TURLENS</u> Custom Optical Design & Manufacture (Lens for LED's) All technical data contained in this document are properties of "TURLENS". Turlens may to change the content without prior notice.\*\*\*\*

## \* Lens Use

\* Streets, Offices, Homes, Stages, Architectural, Down Light, & Decorative Lighting

\* Lens Material

\* Optical Grade PMMA / PC Best Available Optical Efficiency :

 $3m / \emptyset$  : 1,59 m

- > 90 %, PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature:  $-40^{\circ}C \sim + 80^{\circ}C$  (upper limit +90°C) PMMA
- \* Operating Temperature:  $-40^{\circ}C \sim + 90^{\circ}C$  (upper limit +100°C) PC
- \* Average transmittance in visible spectrum: 400nm~700nm> 90% (3mm thick PMMA)

\* Holder information

\* Operating Temperature: -40°C ~ + 110°C PC V2 & ROHS UV Resistant Flammability Standard : V2 (burning stops within 30 seconds on a vertical specimen; drips of flaming particles are allowed). High heat resistance

## \*Assembly Information

- \* If adhesive is used, make sure that the adhesive is acid-free.
- \* If you need to clean the lenses, use only mild soap and water. Use a very soft piece of cloth to dry.
- \* Do not use any solvents on lenses
- \* Our product is guaranteed against manufacturing defects only.
- \* Do not store the product in a dusty & corrosive environment
- \* Do not touch the optical portion of the lens with bare hands