







Code :10 D H 1 W

10 <sup>0</sup> Degree



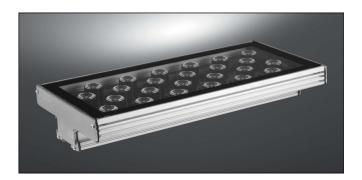
LIGHTING PARAMETERS











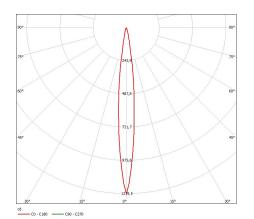




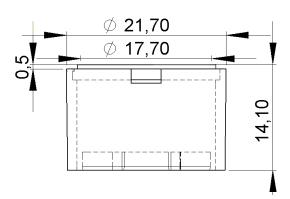
Box Quantity : 100X8=800 PCS
Box Size : 24\*24\*15 cm
Box Total Kg -/+%3: 3,63 Kg PACKAGING

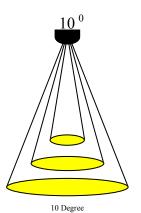


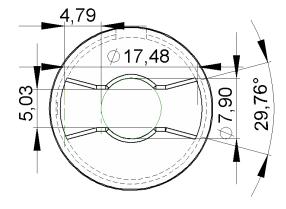
#### TECHNICAL DATA











Light Dimansion Parameters

 $1m / \emptyset : 0,17 m$  $2m / \emptyset$  : 0,35 m  $3m / \emptyset : 0,55 m$ 

Custom Optical Design & Manufacture (Lens for LED's )All technical data contained in this document are properties of LENS 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: > 90 % ,PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature: -40°C ~ + 80°C (upper limit +90°C) PMMA
- \* Operating Temperature: -40°C ~ + 90°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

- \* 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



























































Code: 20 D H 1 W

20 <sup>0</sup> Degree



LIGHTING PARAMETERS









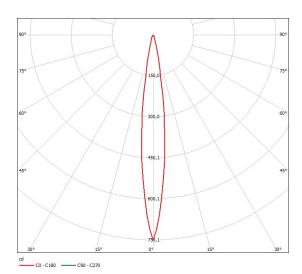




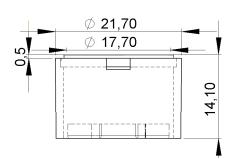
Box Quantity : 100X8=800 PCS
Box Size : 24\*24\*15 cm
Box Total Kg -/+%3: Kg PACK

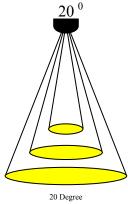


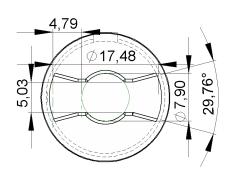
#### TECHNICAL DATA











Light Dimansion Parameters

 $1m/\varnothing$ : 0.36 m  $2m\,/\,$  Ø : 0,72 m $3\,m\,/$  Ø : 1,08 m

Custom Optical Design & Manufacture (Lens for LED's )All technical data contained in this document are properties of LENS 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: > 90 %, PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature: -40°C ~ + 80°C (upper limit +90°C) PMMA
- \* Operating Temperature:  $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$  (upper limit  $+100^{\circ}\text{C}$ ) 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

- \* 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





















































30 <sup>0</sup> Degree Code: 30 D H 1 W



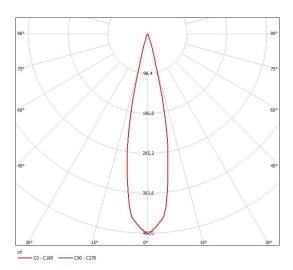
## LIGHTING PARAMETERS



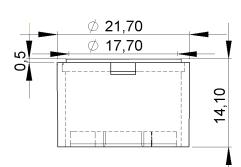


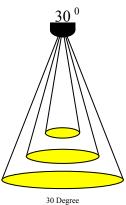


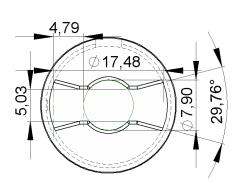
Box Quantity : 100X8=800 PCS
Box Size : 24\*24\*15 cm
Box Total Kg -/+%3: 3,00 Kg PACKAGING











Light Dimansion Parameters

1m/Ø: 0,53 m  $2m / \emptyset : 1,06 m$  $3m / \emptyset$ : 1,59 m

Custom Optical Design & Manufacture (Lens for LED's )All technical data contained in this document are properties of "LENS". LENS 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: > 90 %, PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature: -40°C ~ + 80°C (upper limit +90°C) PMMA
- \* Operating Temperature: -40°C ~ + 90°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

- \* 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













































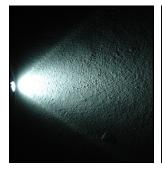


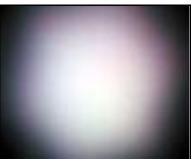


Code: 45 D H 2 W 45 <sup>0</sup> Degree



#### LIGHTING PARAMETERS









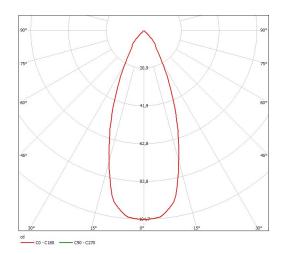


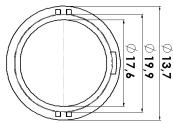


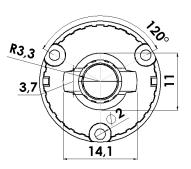
Box Quantity : 100X8=800 PCS
Box Size : 25\*25\*16 cm
Box Total Kg -/+%3: 3,38 Kg PACKAGING

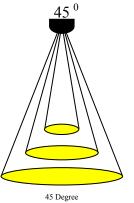


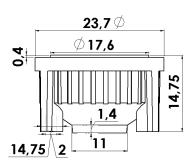
#### TECHNICAL DATA











Light Dimansion Parameters

 $1 \, \text{m} / \emptyset : 0,80 \, \text{m}$  $2m / \emptyset$ : 1,60 m  $3m / \emptyset$ : 2,40 m

Custom Optical Design & Manufacture (Lens for LED's )All technical data contained in this document are properties of "LENs". Lens 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: > 90 % ,PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature: -40°C ~ + 80°C (upper limit +90°C) PMMA
- \* Operating Temperature: -40°C ~ + 90°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

- \* 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





















































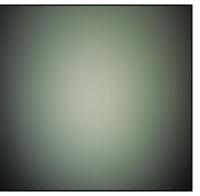


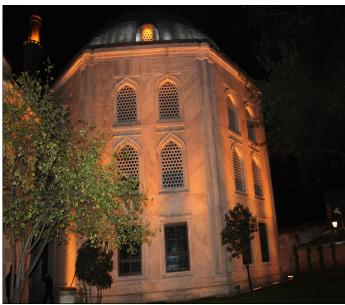
Code: 60 D H 2 T 60 Degree



## LIGHTING PARAMETERS









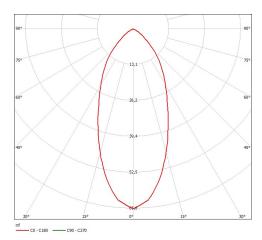


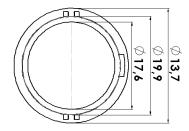


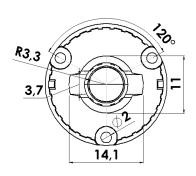
Box Quantity : 100X8=800 PCS
Box Size : 25\*25\*16 cm
Box Total Kg -/+%3: Kg PACK

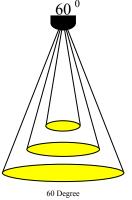


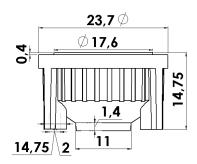
#### TECHNICAL DATA











Light Dimansion Parameters

 $1 \, \text{m} / \, \emptyset$  : 1,17 m 2m/Ø: 2,35 m 3m/Ø: 3,55 m

Custom Optical Design & Manufacture (Lens for LED's )All technical data contained in this document are properties of "LENS". Lens 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: > 90 %, PMMA with UV Light Transmittance High Productivity with 2mm Thickness
- \* Operating Temperature: -40°C ~ + 80°C (upper limit +90°C) PMMA
- \* Operating Temperature:  $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$  (upper limit  $+100^{\circ}\text{C}$ ) 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

- \* 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













































