# LARISA-WW-PIN

**~55° wide beam and holder with location pins**



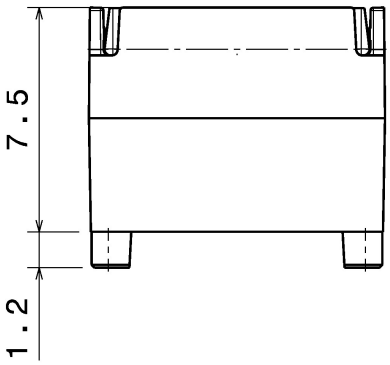
## TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| Dimensions | 9.9 +9.9 mm |
| Height | 7.5 mm |
| Fastening | glue, pin |
| Colour | black |
| Box size | 254 x 298 x 241 mm |
| Box weight | 7.1 kg |
| Quantity in Box | 10000 pcs |
| ROHS compliant | yes |

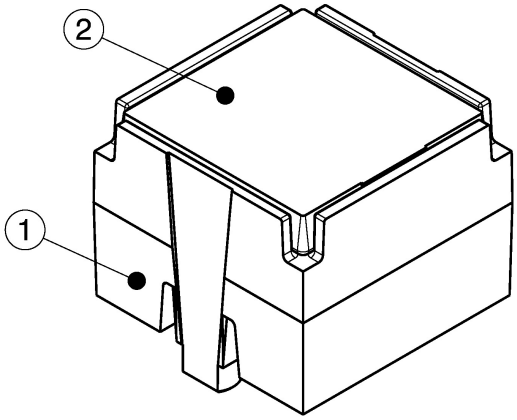
## MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|---|---|---|---|
| LARISA-WW | Lens | PMMA | clear |
| LARISA-HOLDER-PIN | Holder | PC | black |

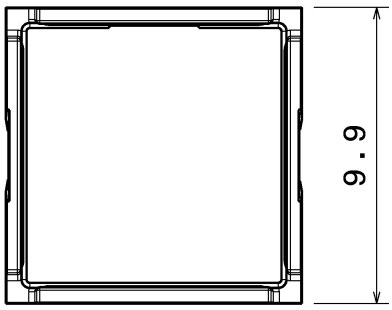

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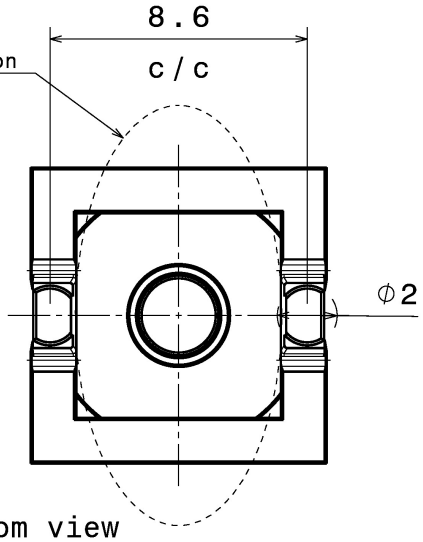

Front view




Isometric view
Scale: 5:1




Top view




Bottom view

| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|---|---|---|---|---|
| 1 | C15062 | LARISA-HOLDER-PIN | PC | black |
| 2 | - | LARISA-lens | PMMA | |

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

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THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-PIN series

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SIZE A4 | PART NUMBER -

SCALE 5:1 | WEIGHT - | SHEET 1/1

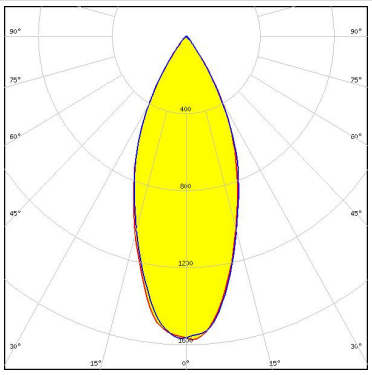

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## PHOTOMETRIC DATA (MEASURED):

NICHIA

| | |
|---|---|
| LED | NCSxE17A |
| FWHM | 40.0° |
| Efficiency | 75 % |
| Peak intensity | 1.400 cd/lm |
| Required components: | |

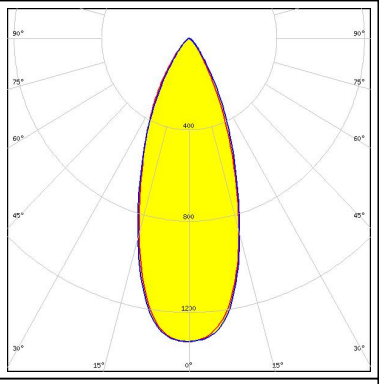




NICHIA

| | |
|---|---|
| LED | NVSxE21A |
| FWHM | 39.0° |
| Efficiency | 74 % |
| Peak intensity | 1.300 cd/lm |
| Required components: | |

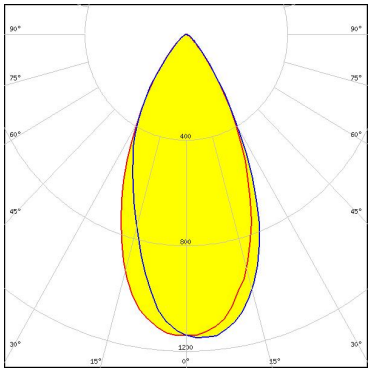




OSRAM
Opto Semiconductors

| | |
|---|---|
| LED | Duris S5 (2 chip) |
| FWHM | 50.0° |
| Efficiency | % |
| Peak intensity | 0.900 cd/lm |
| Required components: | |

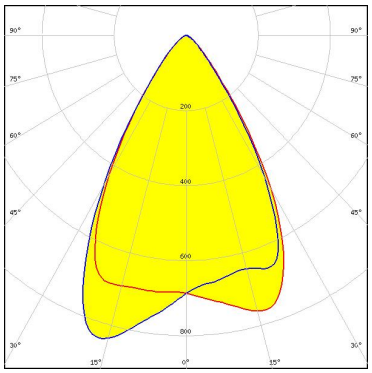




OSRAM
Opto Semiconductors

| | |
|---|---|
| LED | Oslon SSL 80 |
| FWHM | 66.0° |
| Efficiency | 84 % |
| Peak intensity | 0.900 cd/lm |
| Required components: | |






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## GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

## MATERIALS:

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