# LARISA-RZ-CLIP8

**~25° diffused beam. Clip fastening for 0.8 mm thick PCB**




## TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| Dimensions | 9.9 x 9.9 mm |
| Height | 7.5 mm |
| Fastening | clips |
| ROHS compliant | yes |

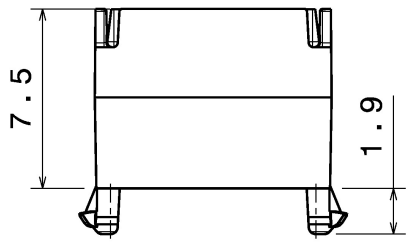
## MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---|---|---|---|---|
| LARISA-RZ | Single lens | PMMA | clear | |
| LARISA-HOLDER-CLIP8 | Holder | PC | black | |

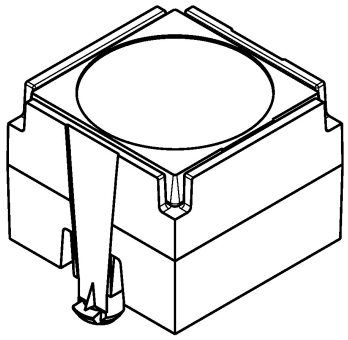
## ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|---|
| CP13665_LARISA-RZ-CLIP8<br>» Box size: 300 x 250 x 250 mm | Single lens | 10000 | | 100 | 6.6 |

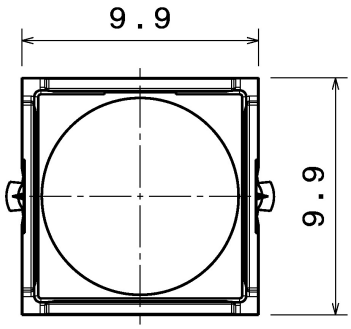

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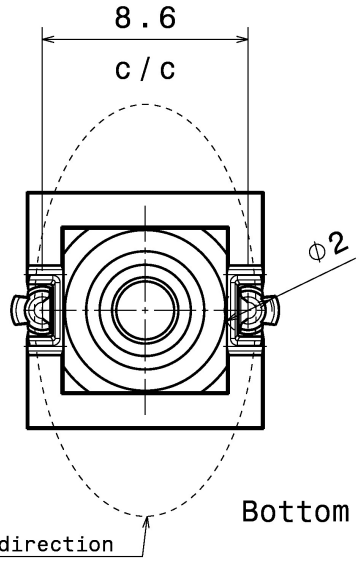

Front view



Isometric view
Scale: 4:1




Top view




Bottom view

| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|---|---|---|---|---|
| 1 | - | LARISA lens | PMMA | |
| 2 | C12907 | LARISA-HOLDER-CLIP8 | PC | black |

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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Salorankatu 10
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THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-CLIP8

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SIZE A4 | PART NUMBER -

SCALE 4:1 | WEIGHT 0,6 g | SHEET 1/1

See also our general installation guide: www.ledil.com/installation_guide

## PHOTOMETRIC DATA (MEASURED):

CREE LED

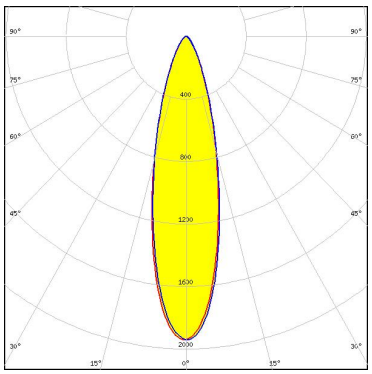
| | |
|---|---|
| LED | XB-D |
| FWHM / FWTM | 27.0° / 59.0° |
| Efficiency | 73 % |
| Peak intensity | 2.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



CREE LED

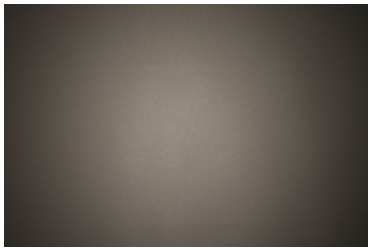
| | |
|---|---|
| LED | XD16 |
| FWHM / FWTM | 26.0° / 57.0° |
| Efficiency | 66 % |
| Peak intensity | 1.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

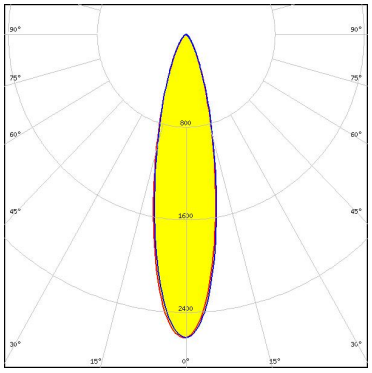




CREE LED

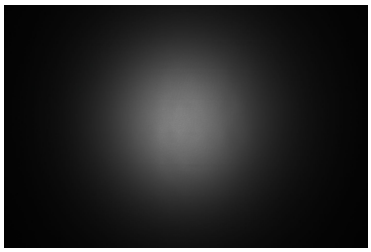
| | |
|---|---|
| LED | XQ-E HD |
| FWHM / FWTM | 24.0° / 53.0° |
| Efficiency | 77 % |
| Peak intensity | 2.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

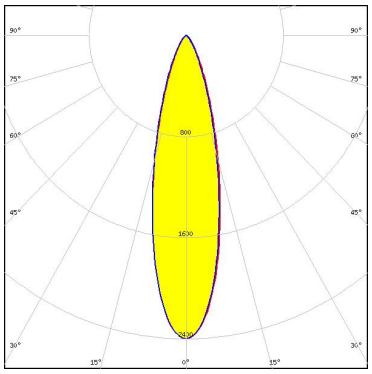




LUMILEDS

| | |
|---|---|
| LED | LUXEON C |
| FWHM / FWTM | 26.0° / 55.0° |
| Efficiency | 75 % |
| Peak intensity | 2.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



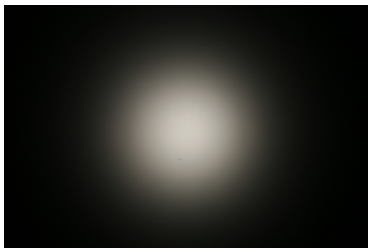



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## PHOTOMETRIC DATA (MEASURED):

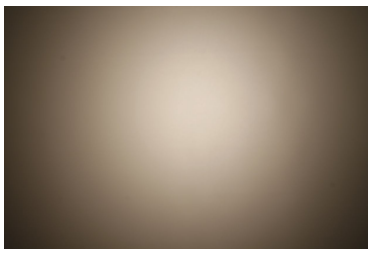
LUMILEDS

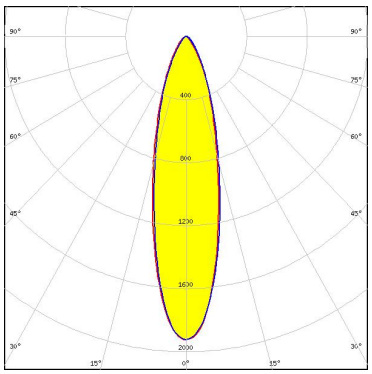
| | |
|---|---|
| LED | LUXEON Z |
| FWHM / FWTM | 22.0° / 50.0° |
| Efficiency | 75 % |
| Peak intensity | 3.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



LUMILEDS

| | |
|---|---|
| LED | LUXEON Z ES |
| FWHM / FWTM | 26.0° / 62.0° |
| Efficiency | 71 % |
| Peak intensity | 1.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |





NICHIA

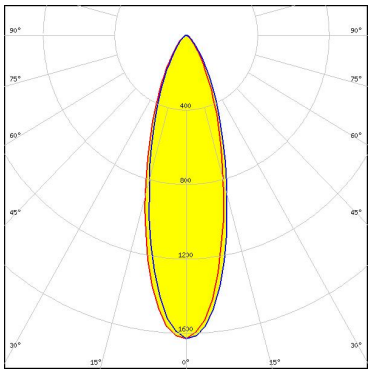
| | |
|---|---|
| LED | NF2x757G |
| FWHM / FWTM | 31.0° / 72.0° |
| Efficiency | 74 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



OSRAM
Opto Semiconductors

| | |
|---|---|
| LED | Duris S5 (2 chip) |
| FWHM / FWTM | 32.0° / 70.0° |
| Efficiency | 72 % |
| Peak intensity | 1.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



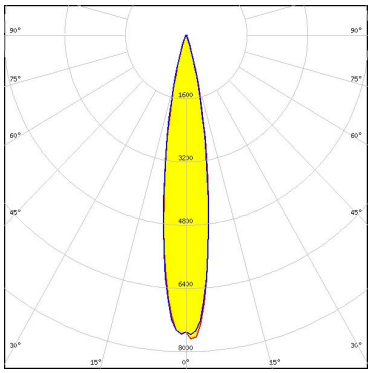



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## PHOTOMETRIC DATA (SIMULATED):

CREE LED

| | |
|---|---|
| LED | XQ-E HI |
| FWHM / FWTM | 18.0° / 33.0° |
| Efficiency | 91 % |
| Peak intensity | 7.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



## 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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