

## LARISA-M-CLIP8

~30° medium beam. Clip fastening for 0.8 mm thick PCB.

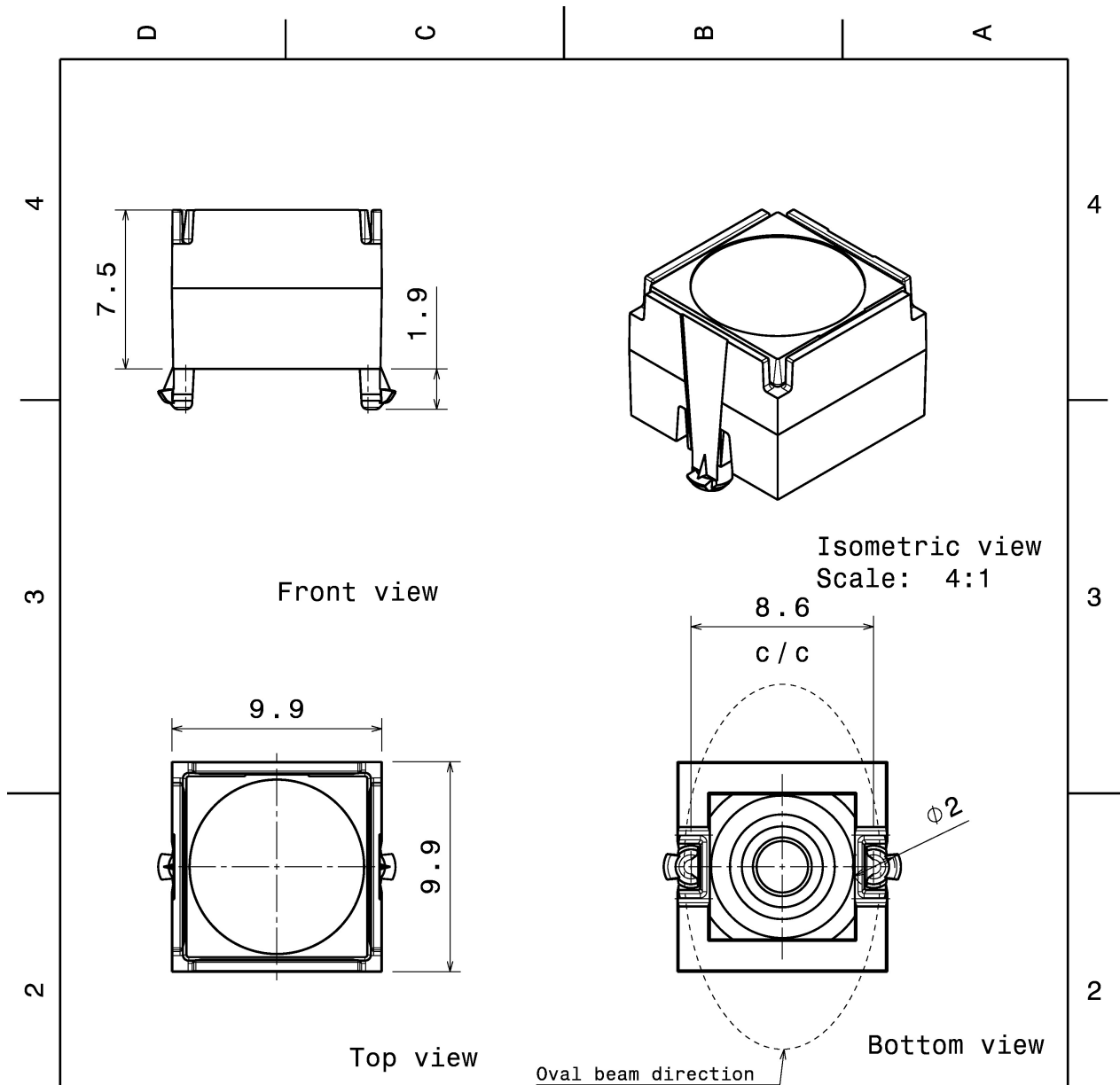
### TECHNICAL SPECIFICATIONS:

|                 |              |
|-----------------|--------------|
| Dimensions      | 9.9 + 9.9 mm |
| Height          | 7.5 mm       |
| Fastening       | clips        |
| Colour          | black        |
| Box size        |              |
| Box weight      | 6.6 kg       |
| Quantity in Box | 10000 pcs    |
| ROHS compliant  | yes ⓘ        |



### MATERIAL SPECIFICATIONS:

| Component           | Type   | Material | Colour |
|---------------------|--------|----------|--------|
| LARISA-M            | Lens   | PMMA     | clear  |
| LARISA-HOLDER-CLIP8 | Holder | PC       | black  |



| 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

**LEDiL**

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

**LARISA-CLIP8**

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SIZE PART NUMBER

A4

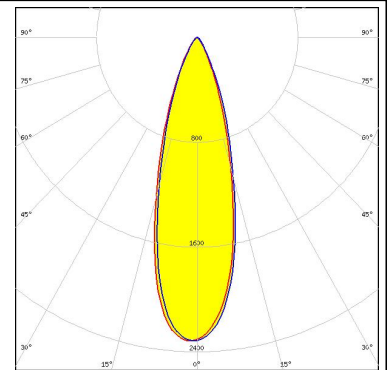
0,6 g

SHEET 1/1

#### PHOTOMETRIC DATA (MEASURED):

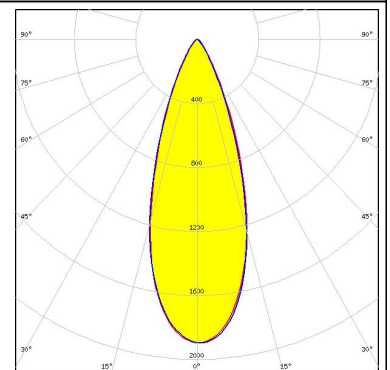
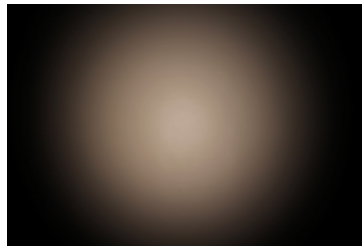
**CREE** 

LED XB-D  
FWHM 30.0°  
Efficiency 87 %  
Peak intensity 2.300 cd/lm  
Required components:



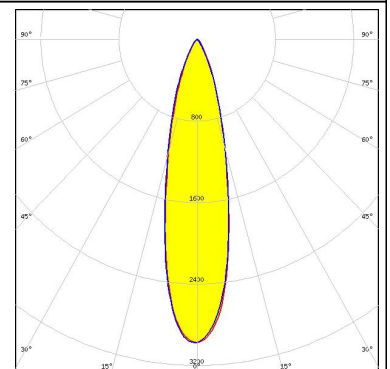
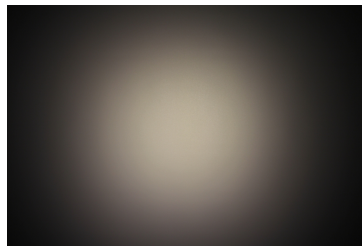
**CREE** 

LED XP-G  
FWHM 36.0°  
Efficiency 88 %  
Peak intensity 1.900 cd/lm  
Required components:



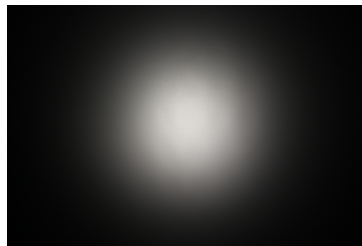
**CREE** 

LED XQ-E  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 3.000 cd/lm  
Required components:



**CREE** 

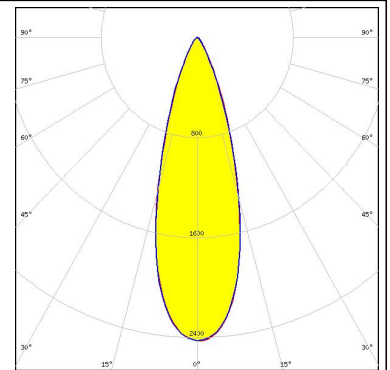
LED XQ-E HI  
FWHM 22.0°  
Efficiency 78 %  
Peak intensity 3.600 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

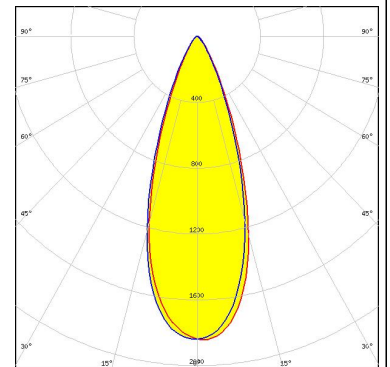
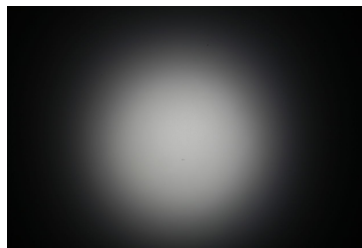
##### LG Innotek

LED H35B0 (LEMWA32)  
 FWHM 31.0°  
 Efficiency 89 %  
 Peak intensity 2.400 cd/lm  
 Required components:



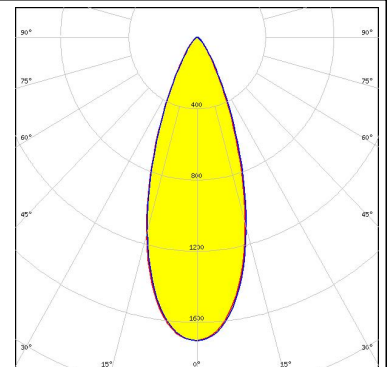
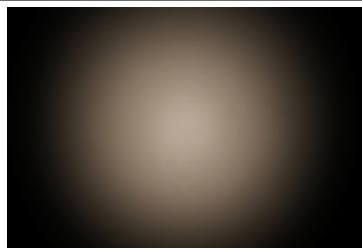
##### LG Innotek

LED H35C0 (LEMWA33)  
 FWHM 37.0°  
 Efficiency 87 %  
 Peak intensity 1.840 cd/lm  
 Required components:



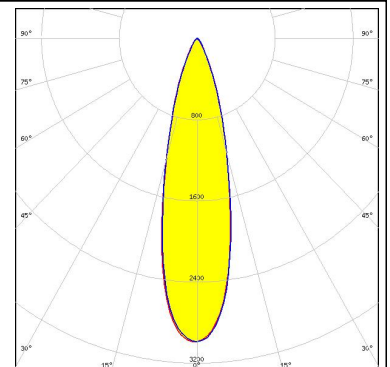
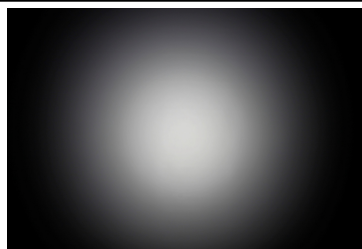
##### LUMILEDS

LED LUXEON A  
 FWHM 37.0°  
 Efficiency 86 %  
 Peak intensity 1.700 cd/lm  
 Required components:



##### LUMILEDS

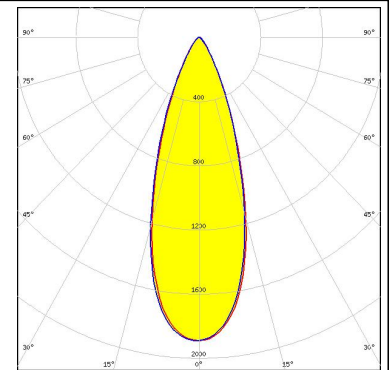
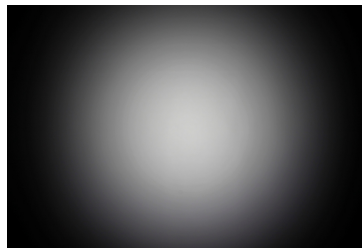
LED LUXEON Rebel  
 FWHM 26.0°  
 Efficiency 88 %  
 Peak intensity 3.000 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 35.0°  
 Efficiency 87 %  
 Peak intensity 1.900 cd/lm  
 Required components:



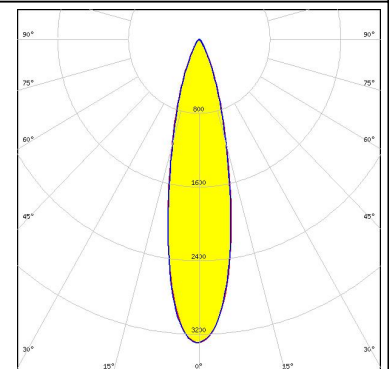
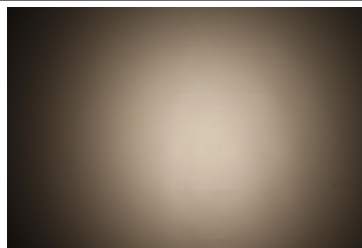
##### LUMILEDS

LED LUXEON Z  
 FWHM 19.0°  
 Efficiency 84 %  
 Peak intensity 5.000 cd/lm  
 Required components:



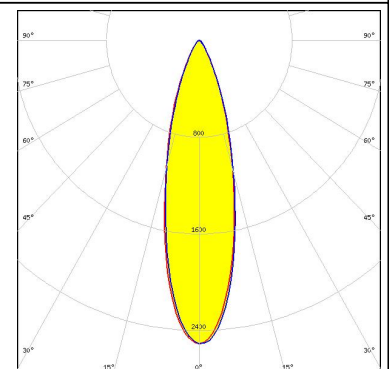
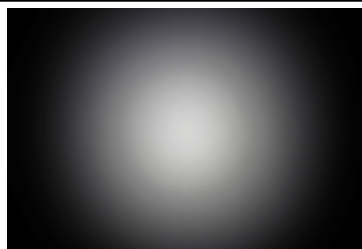
##### LUMILEDS

LED LUXEON Z ES  
 FWHM 24.0°  
 Efficiency 88 %  
 Peak intensity 3.300 cd/lm  
 Required components:



##### NICHIA

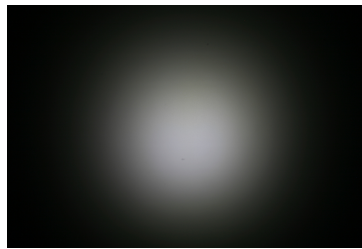
LED NCSxx19A  
 FWHM 27.0°  
 Efficiency 84 %  
 Peak intensity 2.500 cd/lm  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**



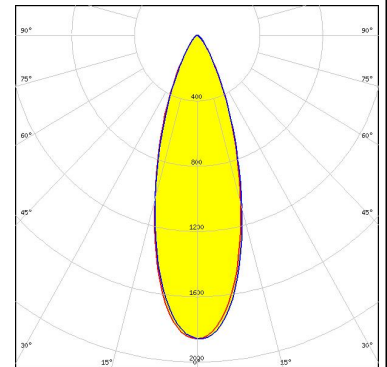
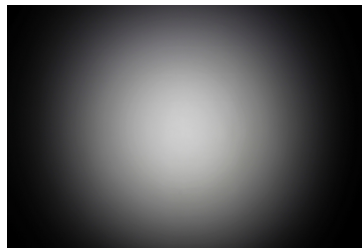
LED NF2x757A  
FWHM 31.0°  
Efficiency 84 %  
Peak intensity 2.140 cd/lm  
Required components:



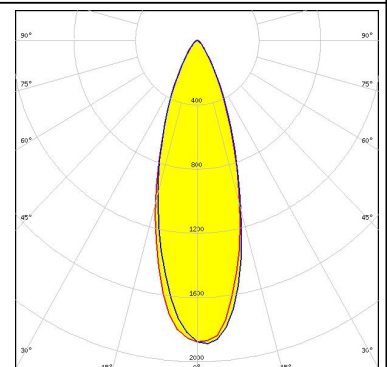
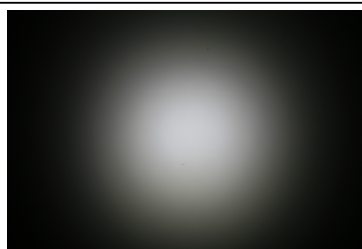
LED NF2x757G  
FWHM 34.0°  
Efficiency 80 %  
Peak intensity 1.550 cd/lm  
Required components:



LED NVSxx19A  
FWHM 34.0°  
Efficiency 84 %  
Peak intensity 1.900 cd/lm  
Required components:



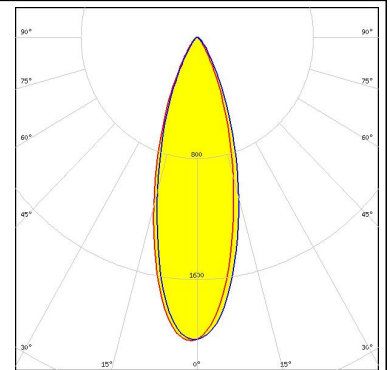
LED Duris S5 (2 chip)  
FWHM 34.0°  
Efficiency 80 %  
Peak intensity 1.900 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

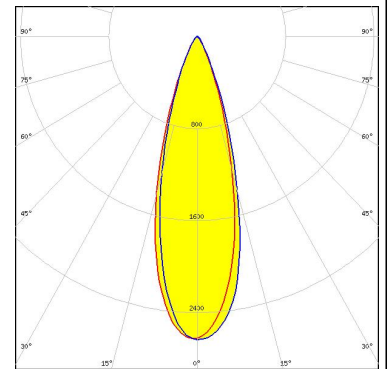
**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
FWHM 31.0°  
Efficiency 83 %  
Peak intensity 2.000 cd/lm  
Required components:



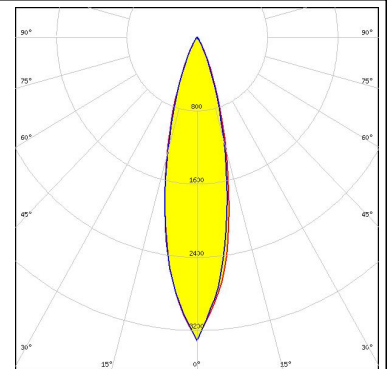
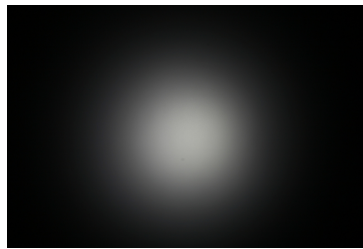
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 30.0°  
Efficiency 88 %  
Peak intensity 2.600 cd/lm  
Required components:



**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 25.0°  
Efficiency 82 %  
Peak intensity 2.910 cd/lm  
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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