


Ordering number C13012_FLARE-MAXI-D

| | | | |
|-----------------|----------------|-------------|----------------|
| Family | Flare | FWHM | 15+110 degrees |
| Type | Lens | Efficiency | 94 % |
| LED | XM-L | cd/lm | 1.700 |
| Color | Clear | Gerber File | Available |
| Diameter | 33.9 + 33.3 mm | | |
| Height | 16.7 mm | | |
| Style | Rectang | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | Pin, glue | | |
| Status | On production | | |

Ordering number C12868_FLARE-MAXI

| | | | |
|-----------------|----------------|-------------|---------------|
| Family | Flare | FWHM | 96+15 degrees |
| Type | Lens | Efficiency | 94 % |
| LED | XM-L | cd/lm | 2.100 |
| Color | Clear | Gerber File | Available |
| Diameter | 33.9 + 33.3 mm | | |
| Height | 16.7 mm | | |
| Style | Rectang | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | Pin, glue | | |
| Status | On production | | |

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



PRODUCT DATASHEET

Flare series

last update 24/9/2013

GENERAL INFORMATION

- Product series especially designed & optimized for XM-L series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

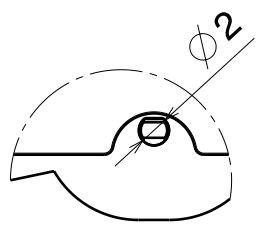
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

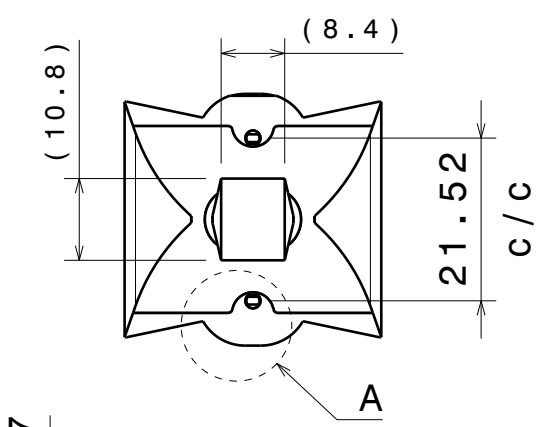
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

D C B A

4

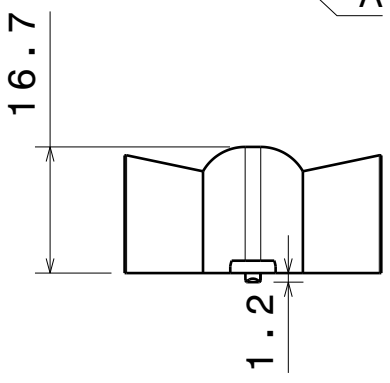
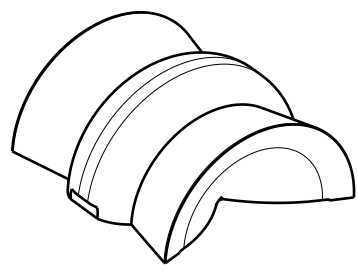


Detail A
Scale: 2:1



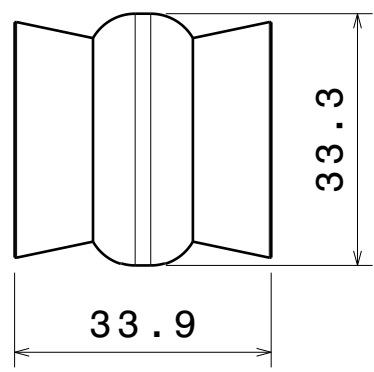
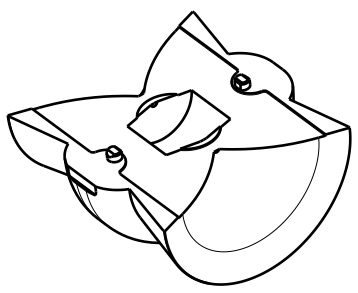
4

3



3

2



2

Material: PMMA

Tolerances for dimensions:
 0-20mm tolerance value $\pm 0.1\text{mm}$
 21-45mm tolerance value $\pm 0.2\text{mm}$
 46-90mm tolerance value $\pm 0.3\text{mm}$
 91-100mm tolerance value $\pm 0.4\text{mm}$
 101-mm tolerance value $\pm 0.5\text{mm}$

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 Salorankatu 10
 FIN 24240 SALO
 Finland

DRAWING TITLE
 Datasheet FLARE-MAXI Lens

DRAWN BY
 pv
DATE
 18.4.2012

CHECKED BY
 sn
DATE
 17.4.2012

DESIGNED BY
 hh
DATE
 6.4.2012

SIZE A4 **DRAWING NUMBER** C12868 **REV** 1

SCALE 1:1 **WEIGHT (g)** **SHEET** 1/1

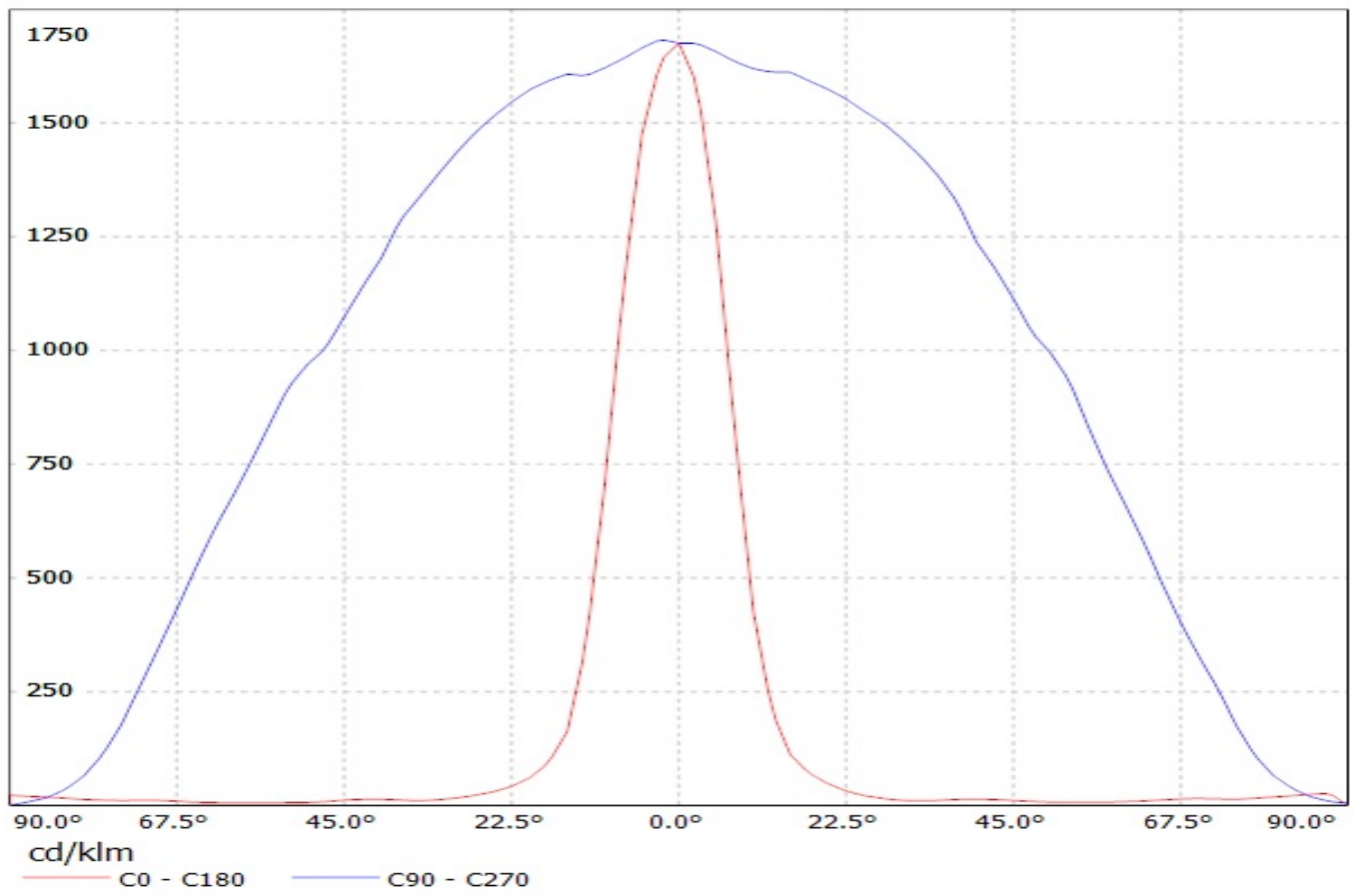
1

1

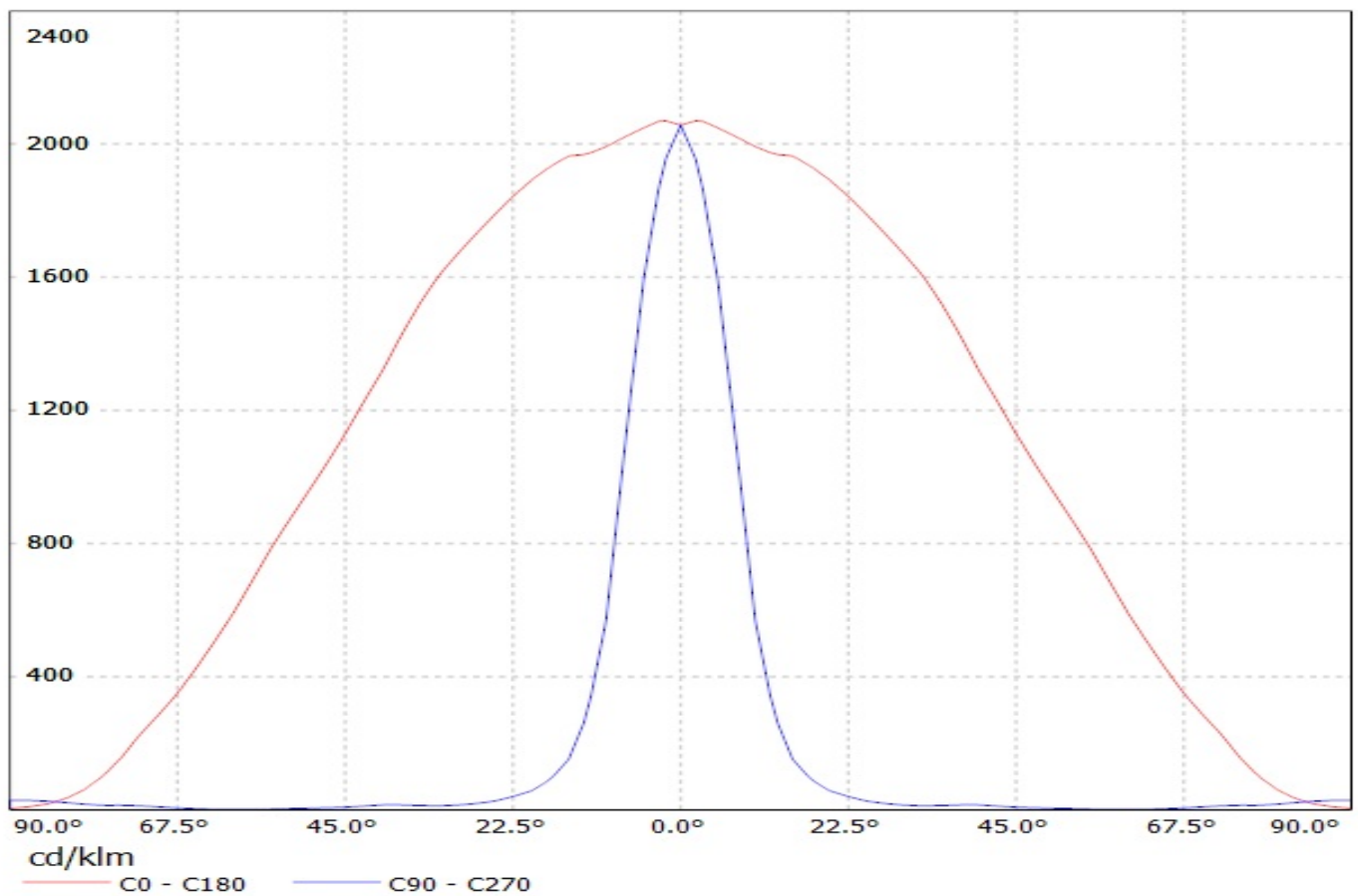
D

A

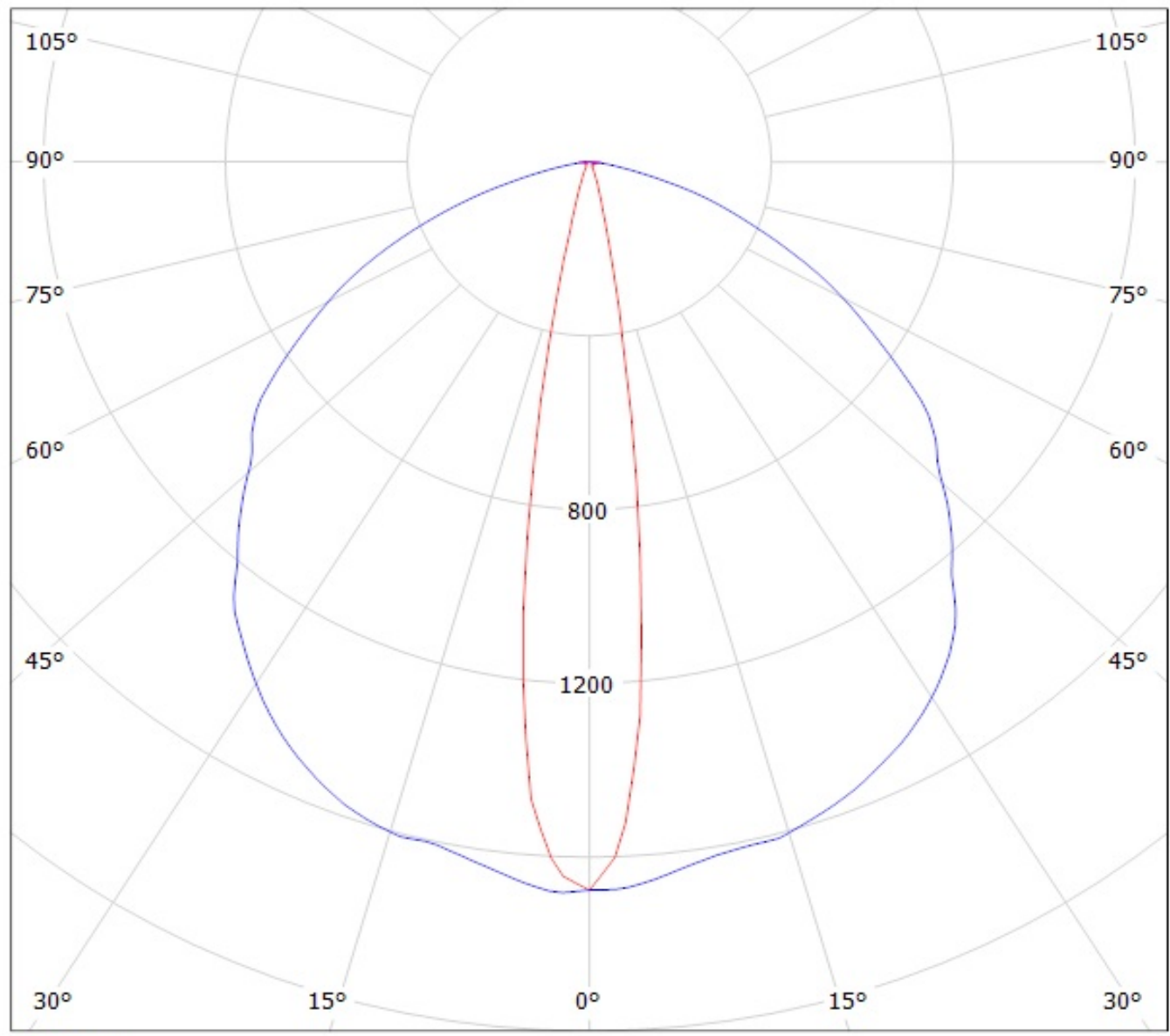
Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Cree XM-L 97lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 97lm @ 250mA



Luminaire: Ledil Oy C12868_FLARE-MAXI (Cree XM-L 89lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 89lm @ 250mA



Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Cree XM-L 97lm @ 250mA) Efficiency=94%
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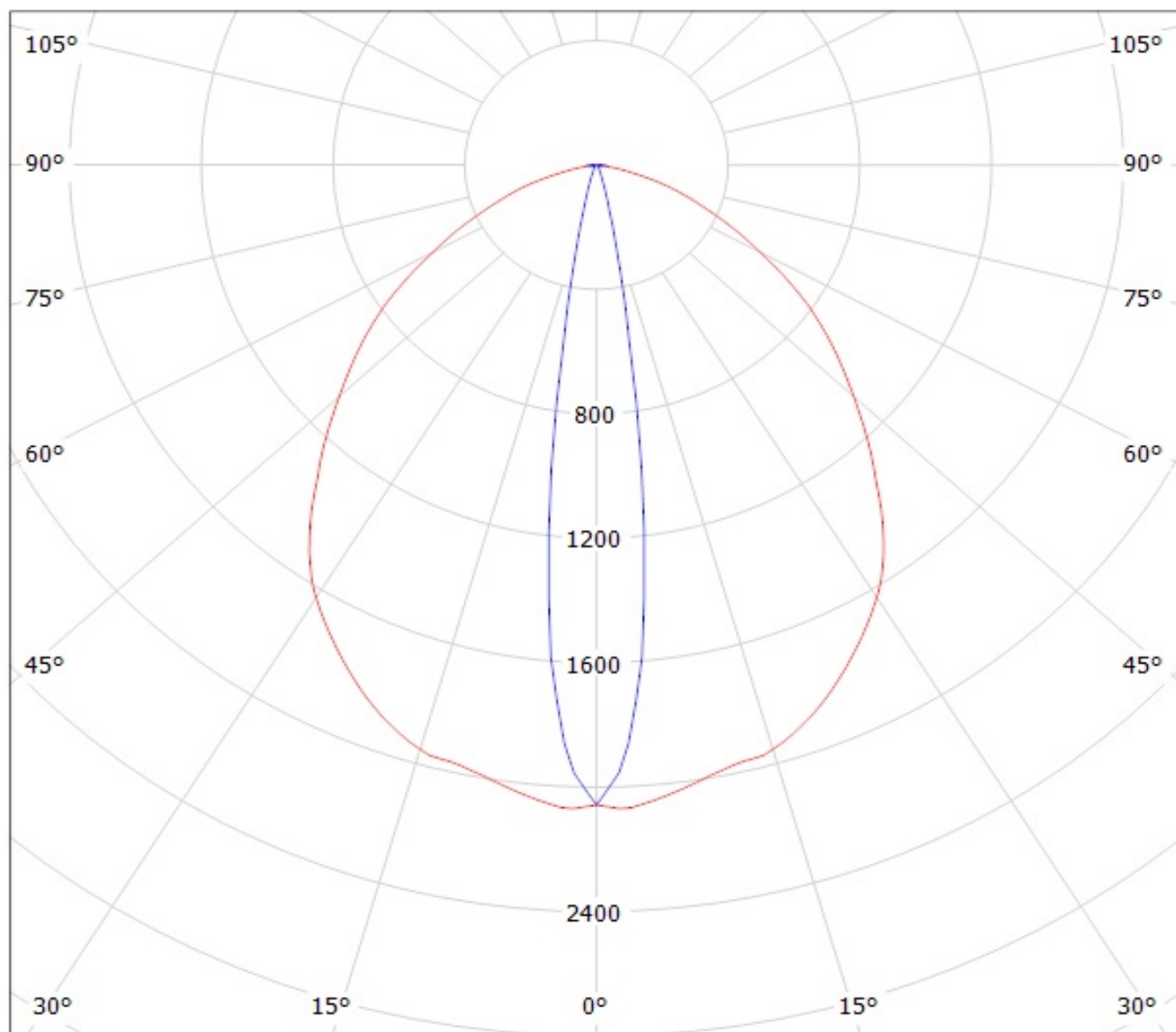


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12868_FLARE-MAXI (Cree XM-L 89lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 89lm @ 250mA



cd/klm

— C0 - C180

— C90 - C270