

**Product number CA12000_EMILY-O-WAS**

| | | | |
|-----------------|------------------|---|--------------------|
| Family | Emily | FWHM | asymmetric degrees |
| Type | Assembly | Efficiency | 87 % |
| LED | XP-E | cd/lm | - |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | Especially designed for Wallwasher applications | |
| Height | 14.8 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["pin", "tape"] | | |
| Status | Production ready | | |

**Product number CA11387_EMILY-SS**

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Emily | FWHM | 10 degrees |
| Type | Assembly | Efficiency | 93 % |
| LED | XP-E | cd/lm | 17.700 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 15.15 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["pin", "tape"] | | |
| Status | Production ready | | |

**Product number CA11998_EMILY-SS-WAS**

| | | | |
|-----------------|------------------|---|------------|
| Family | Emily | FWHM | 10 degrees |
| Type | Assembly | Efficiency | 92 % |
| LED | XP-E | cd/lm | 18.300 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | Especially designed for Wallwasher applications | |
| Height | 14.8 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["tape", "pin"] | | |
| Status | Production ready | | |

**Product number CA11388_EMILY-M**

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Emily | FWHM | 18 degrees |
| Type | Assembly | Efficiency | 93 % |
| LED | XP-E | cd/lm | 7.900 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 15.15 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["tape", "pin"] | | |
| Status | Production ready | | |

**Product number CA11391_EMILY-M2**

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Emily | FWHM | 29 degrees |
| Type | Assembly | Efficiency | 92 % |
| LED | XP-E | cd/lm | 3.200 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 15.15 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["tape", "pin"] | | |
| Status | Production ready | | |

**Product number CA11934_EMILY-W**

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Emily | FWHM | 39 degrees |
| Type | Assembly | Efficiency | 86 % |
| LED | XP-E | cd/lm | 1.600 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 14.9 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["tape", "pin"] | | |
| Status | Production ready | | |

**Product number CA11389_EMILY-O**

| | | | |
|-----------------|------------------|-------------|--------------|
| Family | Emily | FWHM | 44+9 degrees |
| Type | Assembly | Efficiency | 92 % |
| LED | XP-E | cd/lm | - |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 15.15 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["tape", "pin"] | | |
| Status | Production ready | | |

**Product number CA11390_EMILY-O-90**

| | | | |
|-----------------|------------------|-------------|--------------|
| Family | Emily | FWHM | 49+9 degrees |
| Type | Assembly | Efficiency | 92 % |
| LED | XP-E | cd/lm | 4.200 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 15.15 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["pin", "tape"] | | |
| Status | Production ready | | |

**Product number** CA12589_EMILY-WWW

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Emily | FWHM | 58 degrees |
| Type | Assembly | Efficiency | 86 % |
| LED | XP-E | cd/lm | 1.000 |
| Color | Clear | Gerber File | Available |
| Diameter | 26 mm | | |
| Height | 13.3 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["pin", "tape"] | | |
| Status | Production ready | | |

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

Emily series

last update 9/6/2016

GENERAL INFORMATION

- Product series especially designed & optimized for XP-E 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>

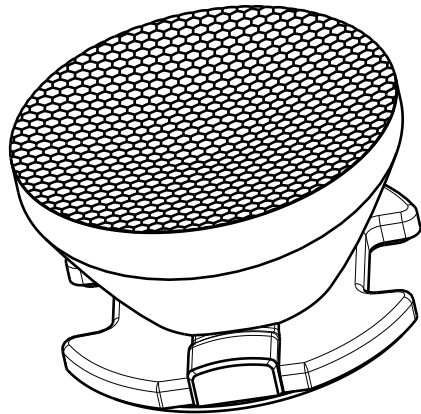
D

C

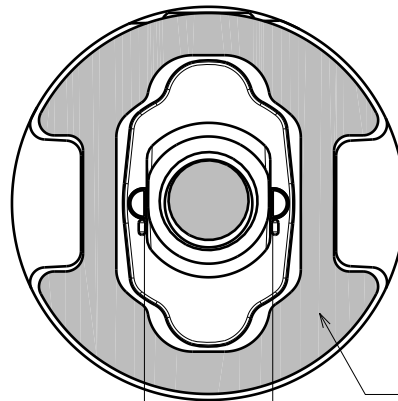
B

A

4



Isometric view

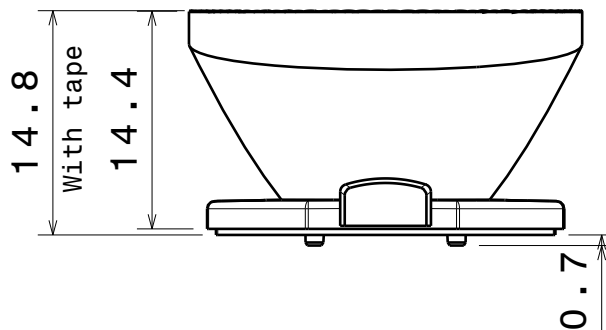


Bottom view

8.6
location pins

0.4mm tape

3

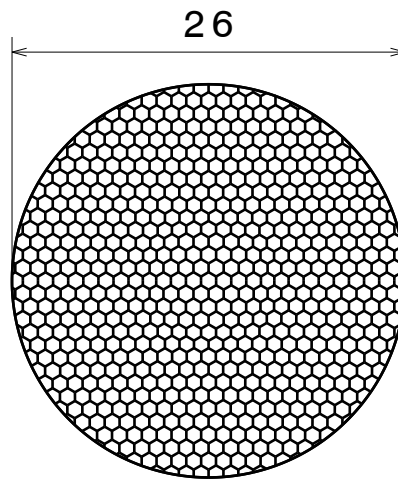


Front view

14.8
With tape
14.4

0.7

2



Top view

26

Part No.s:
CA11998_EMILY-SS-WAS
CA12000_EMILY-O-WAS
CA12797_EMILY-O-WAS
CA12799_EMILY-SS-WAS

Material: PMMA

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DRAWING TITLE

Datasheet Emily-was Assembly

DRAWN BY

DATE

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01.03.2011

CHECKED BY

DATE

h

h

01.03.2011

DESIGNED BY

DATE

hh

25.01.2011

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

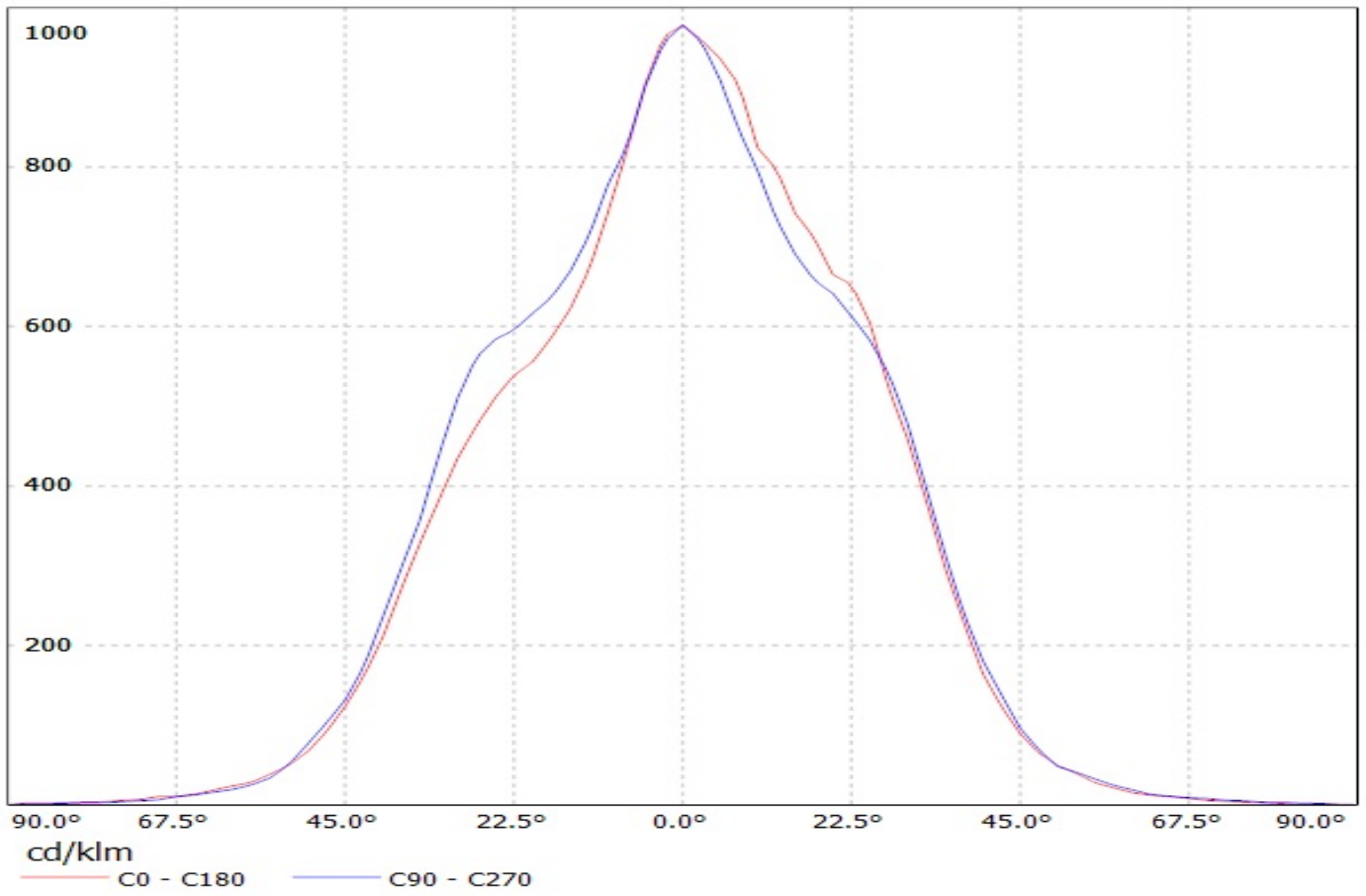
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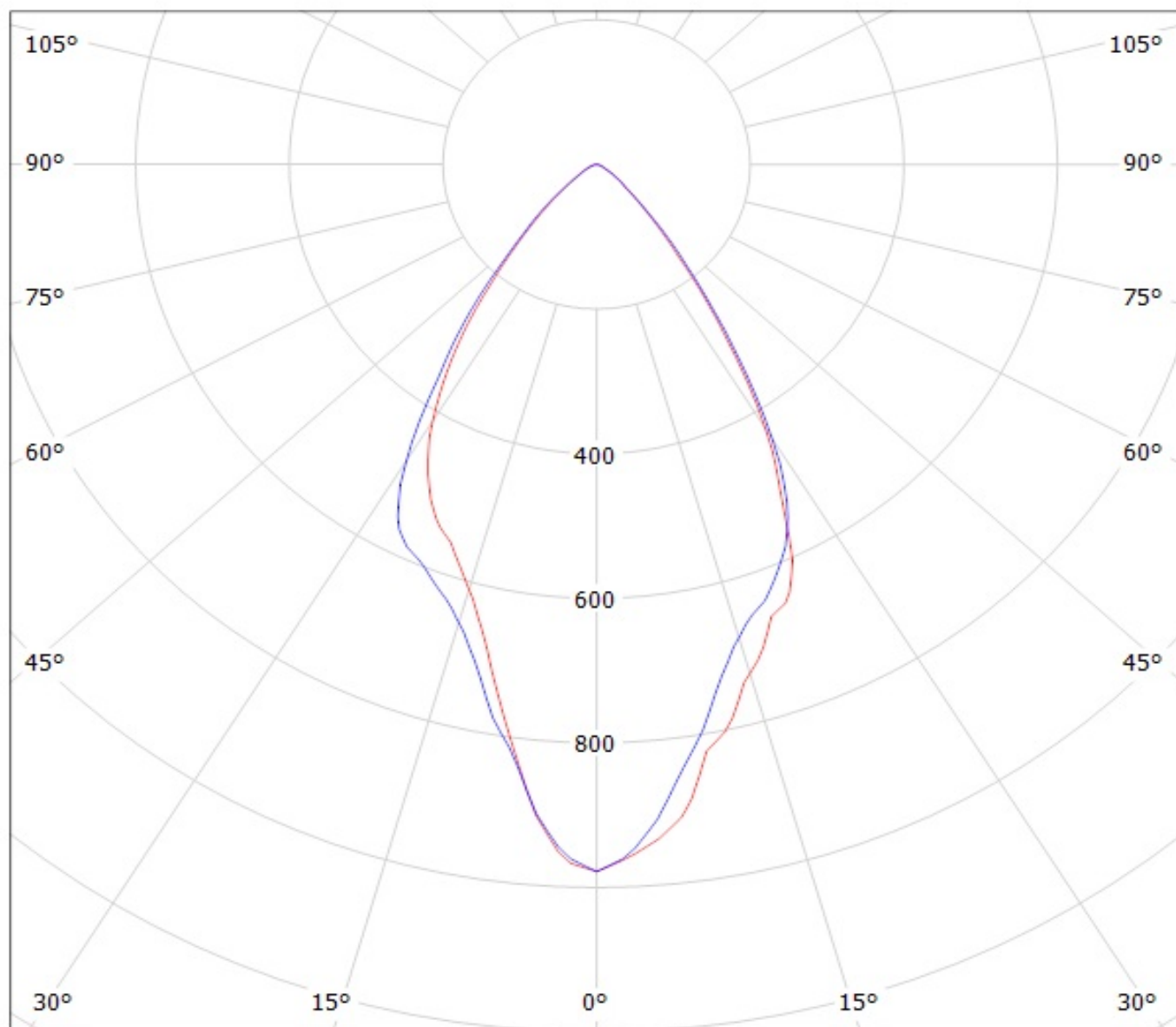
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Luminaire: Ledil Oy CA12589_EMILY-WWW (Cree XP-E 66.5lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree XP-E 66.5lm @ 250mA



Luminaire: Ledil Oy CA12589_EMILY-WWW (Cree XP-E 66.5lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree XP-E 66.5lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270