

**Product number CA12000_EMILY-O-WAS**

Family Emily
 Type Assembly
 LED Oslon Square EC
 Color Clear
 Diameter 26 mm
 Height 14.95 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["tape", "pin"]
 Status Production ready

FWHM (simulated) Asymmetric
 Efficiency -
 cd/Im -
 Gerber File Available

Especially designed for Wallwasher applications

**Product number CA13546_EMILY-RS**

Family Emily
 Type Assembly
 LED Oslon Square EC
 Color Clear
 Diameter 26 mm
 Height 14.74 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["tape"]
 Status Production ready

FWHM 8 degrees
 Efficiency 90 %
 cd/Im 29.100
 Gerber File Available

**Product number CA12062_EMILY-D**

Family Emily
 Type Assembly
 LED Oslon Square EC
 Color Clear
 Diameter 26 mm
 Height 14.74 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["tape", "pin"]
 Status Production ready

FWHM 9 degrees
 Efficiency 86 %
 cd/Im 20.060
 Gerber File Available

**Product number CA11388_EMILY-M**

Family Emily
 Type Assembly
 LED Oslon Square EC
 Color Clear
 Diameter 26 mm
 Height 14.85 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["tape", "pin"]
 Status Production ready

FWHM 18 degrees
 Efficiency 89 %
 cd/Im 8.250
 Gerber File Available

**Product number CA11391_EMILY-M2**

Family	Emily	FWHM	30 degrees
Type	Assembly	Efficiency	89 %
LED	Oslon Square EC	cd/Im	3.300
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.88 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA11934_EMILY-W**

Family	Emily	FWHM	38 degrees
Type	Assembly	Efficiency	84 %
LED	Oslon Square EC	cd/Im	1.860
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.74 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA11389_EMILY-O**

Family	Emily	FWHM	43+9 degrees
Type	Assembly	Efficiency	93 %
LED	Oslon Square EC	cd/Im	5.000
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.97 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA12589_EMILY-WWW**

Family	Emily	FWHM	61 degrees
Type	Assembly	Efficiency	85 %
LED	Oslon Square EC	cd/Im	0.900
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	13.43 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		



PRODUCT DATASHEET

Emily series

last update 9/6/2016

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

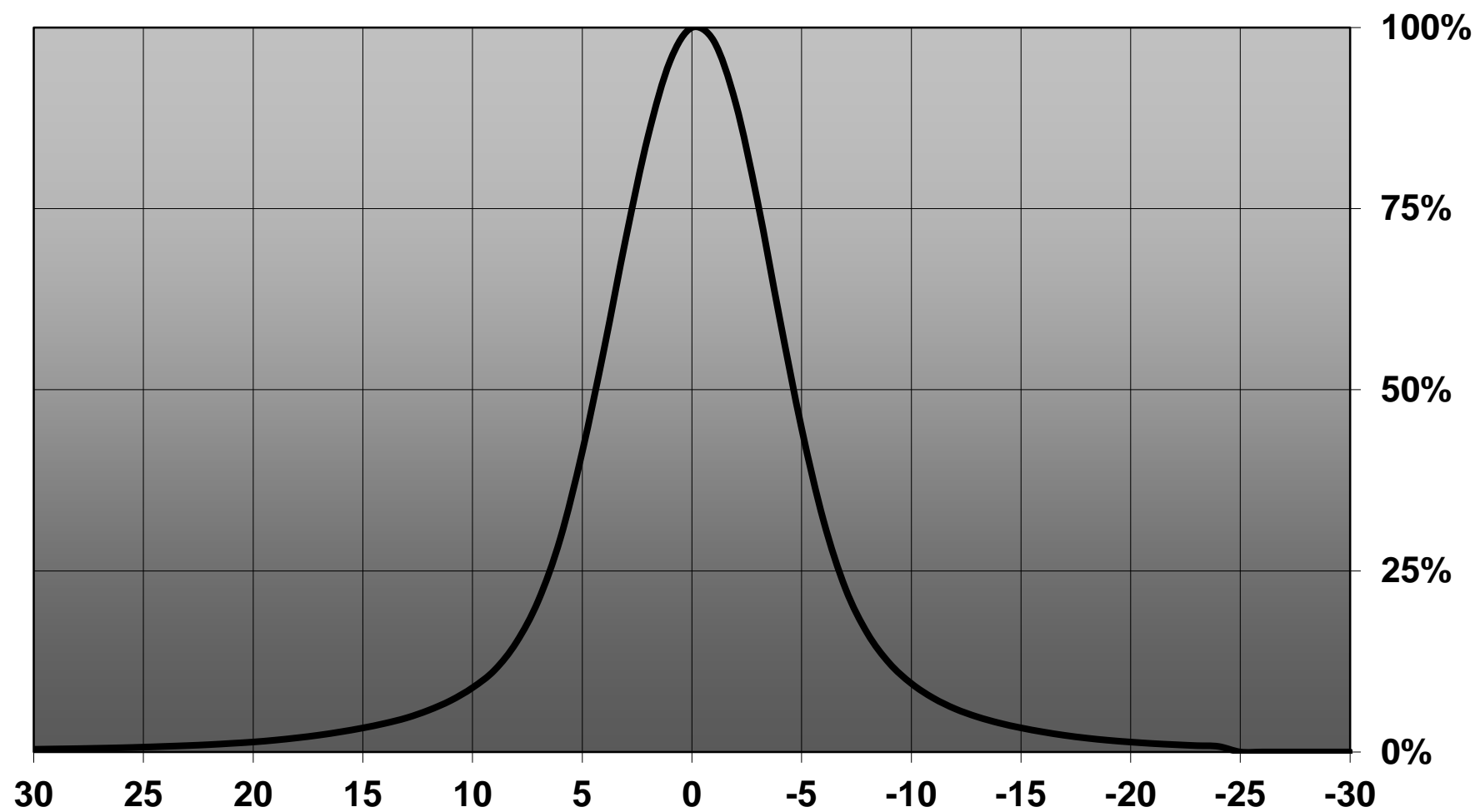
- Product series especially designed & optimized for Oslon Square EC series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

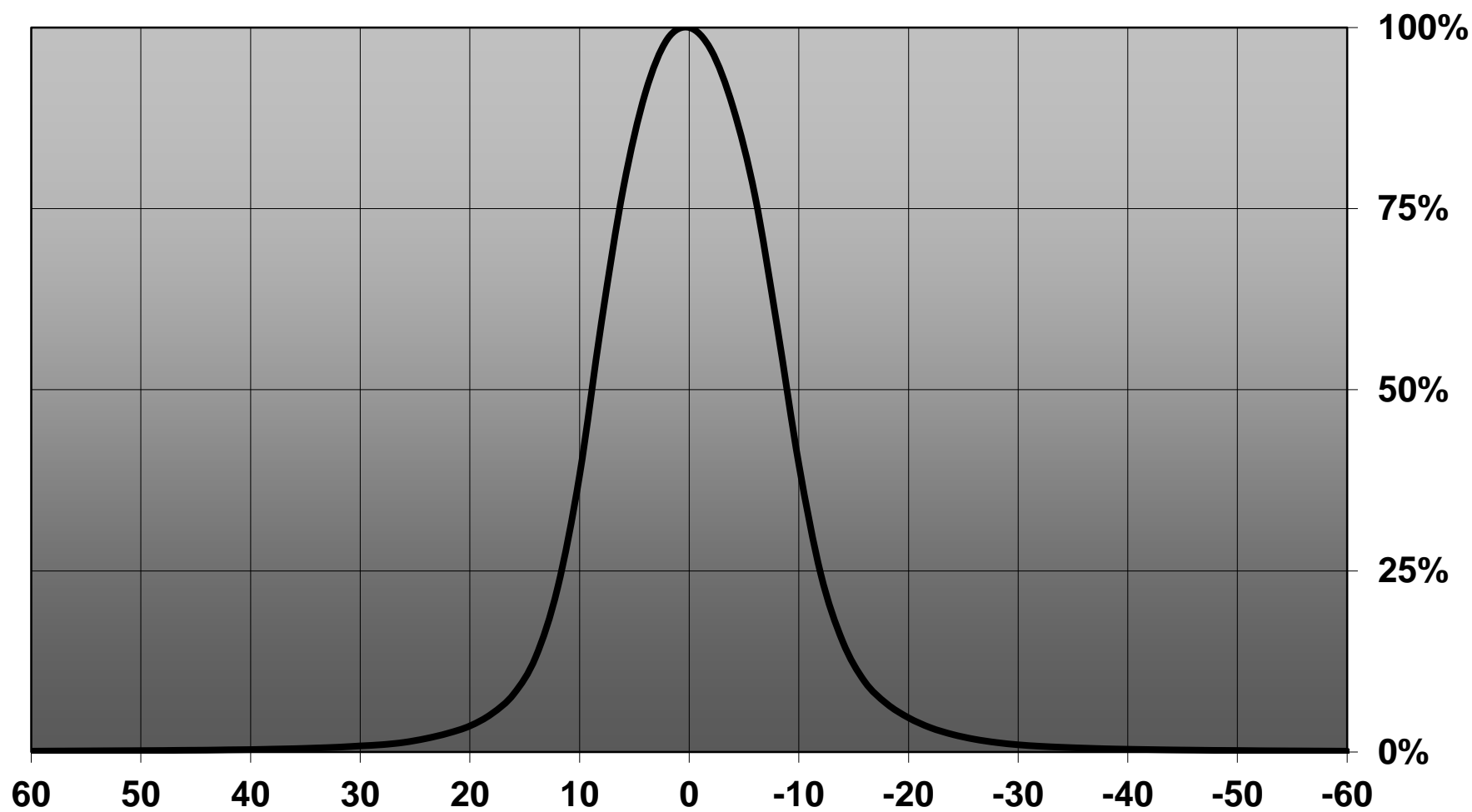
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

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

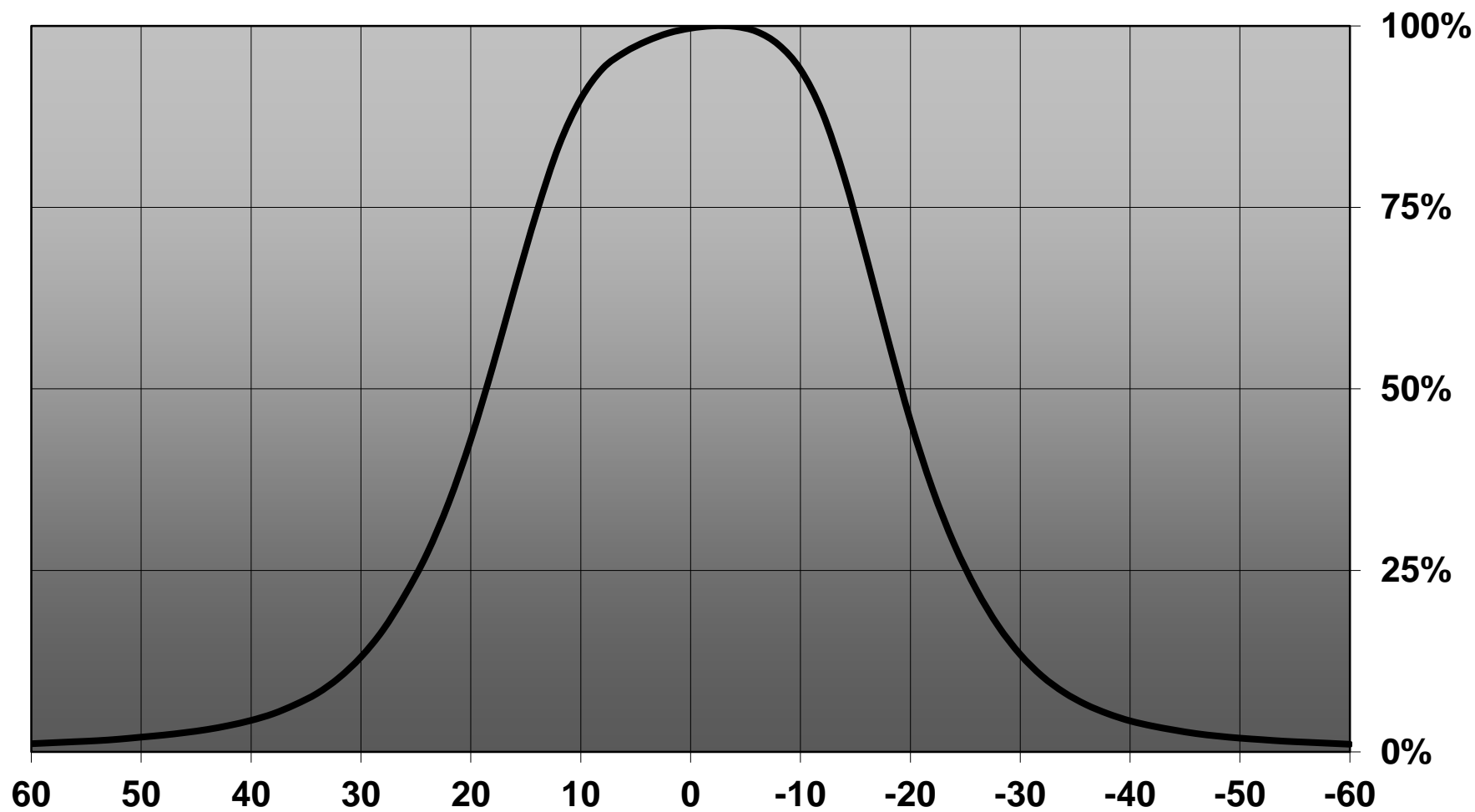
Relative intensity of CA12062_EMILY-D_(SQ EC)



Relative intensity of CA11388_EMILY-M_(SQ EC)



Relative intensity of CA11934_EMILY-W_(SQ EC)

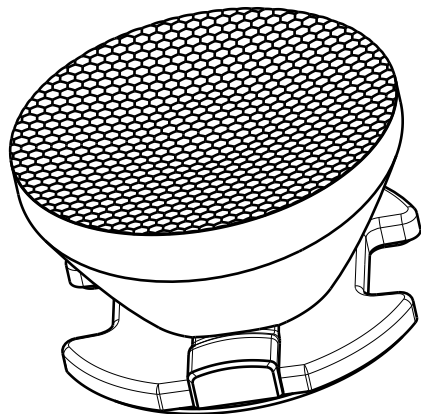


D

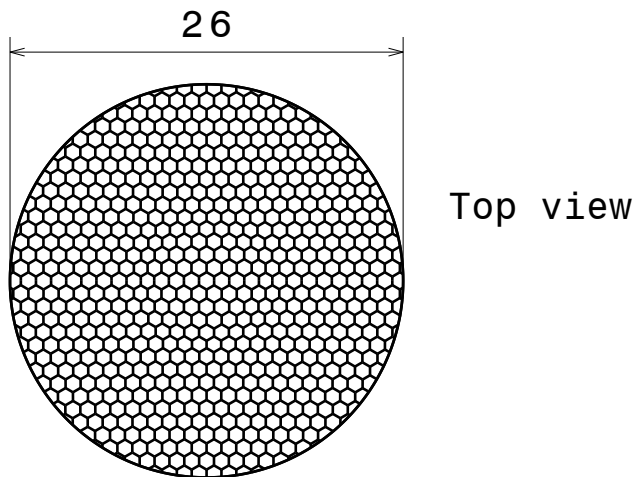
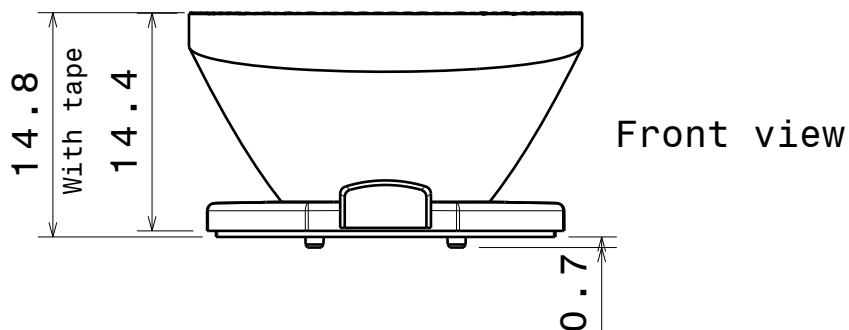
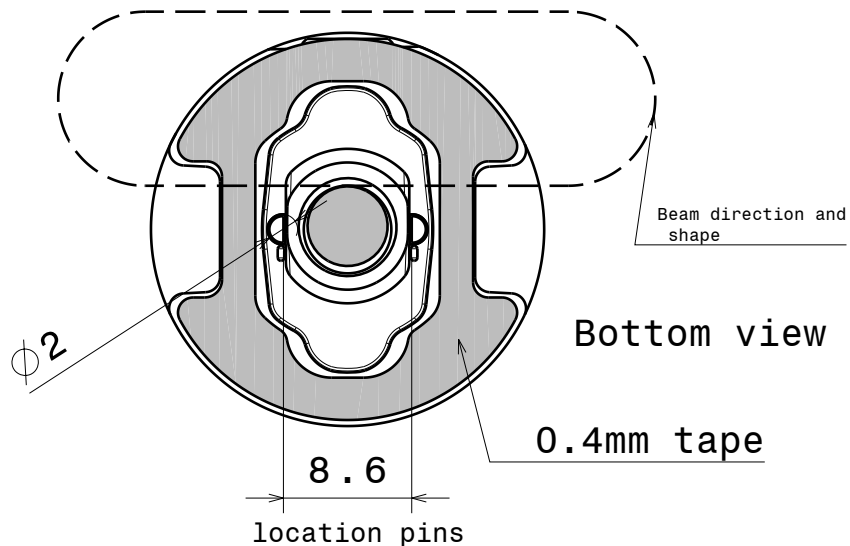
C

B

A



Isometric view



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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Ledil Oy
 Salorankatu 10
 2420 Salo
 Finland

DRAWING TITLE

Datasheet Emily-was Assembly

DRAWN BY
 ah

DATE
 24.9.2013

CHECKED BY

DATE

SIZE
 A4

DRAWING NUMBER

REV
 1

DESIGNED BY
 hh

DATE
 25.01.2011

SCALE

2:1

WEIGHT (g)

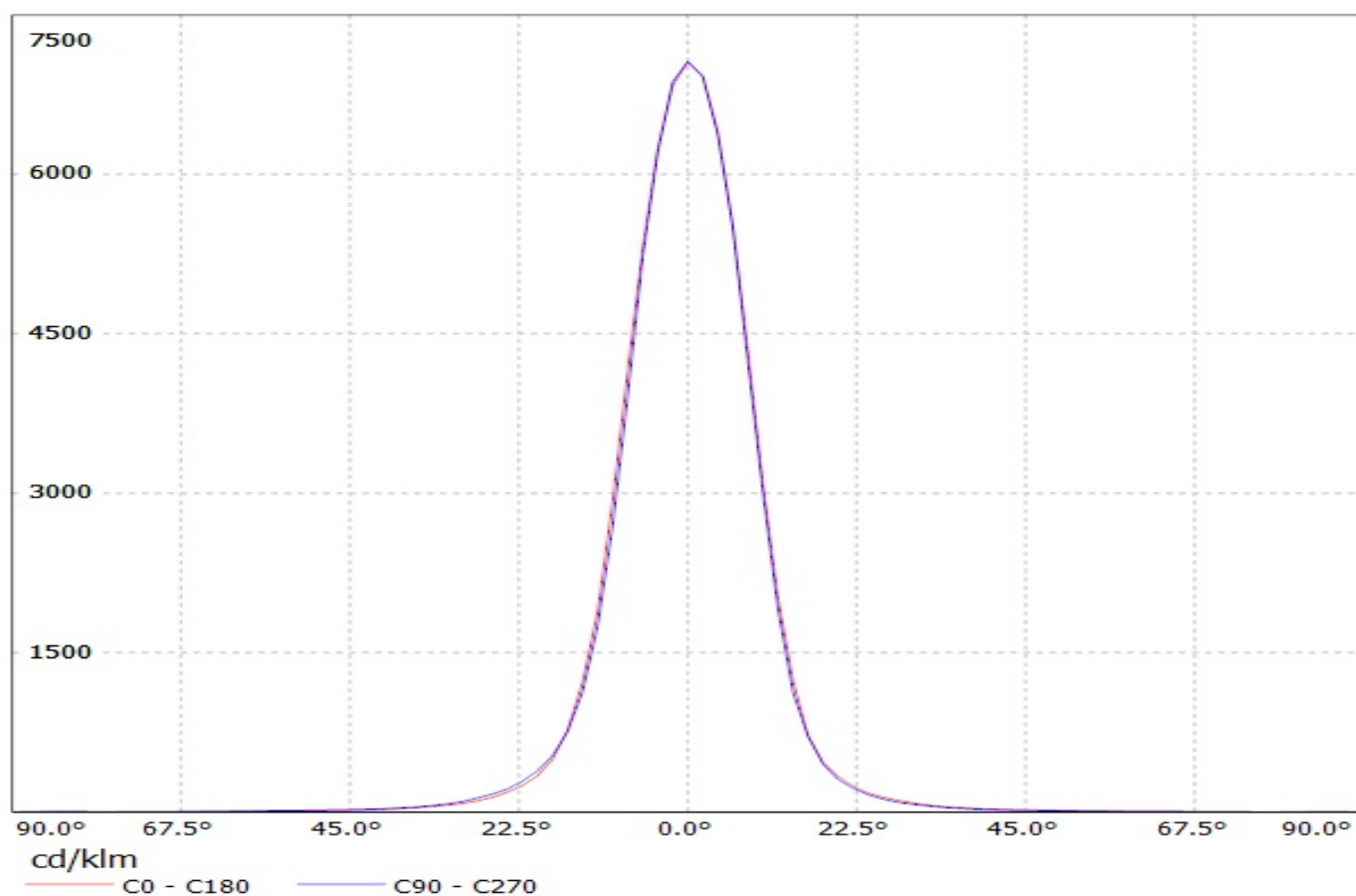
SHEET

1/1

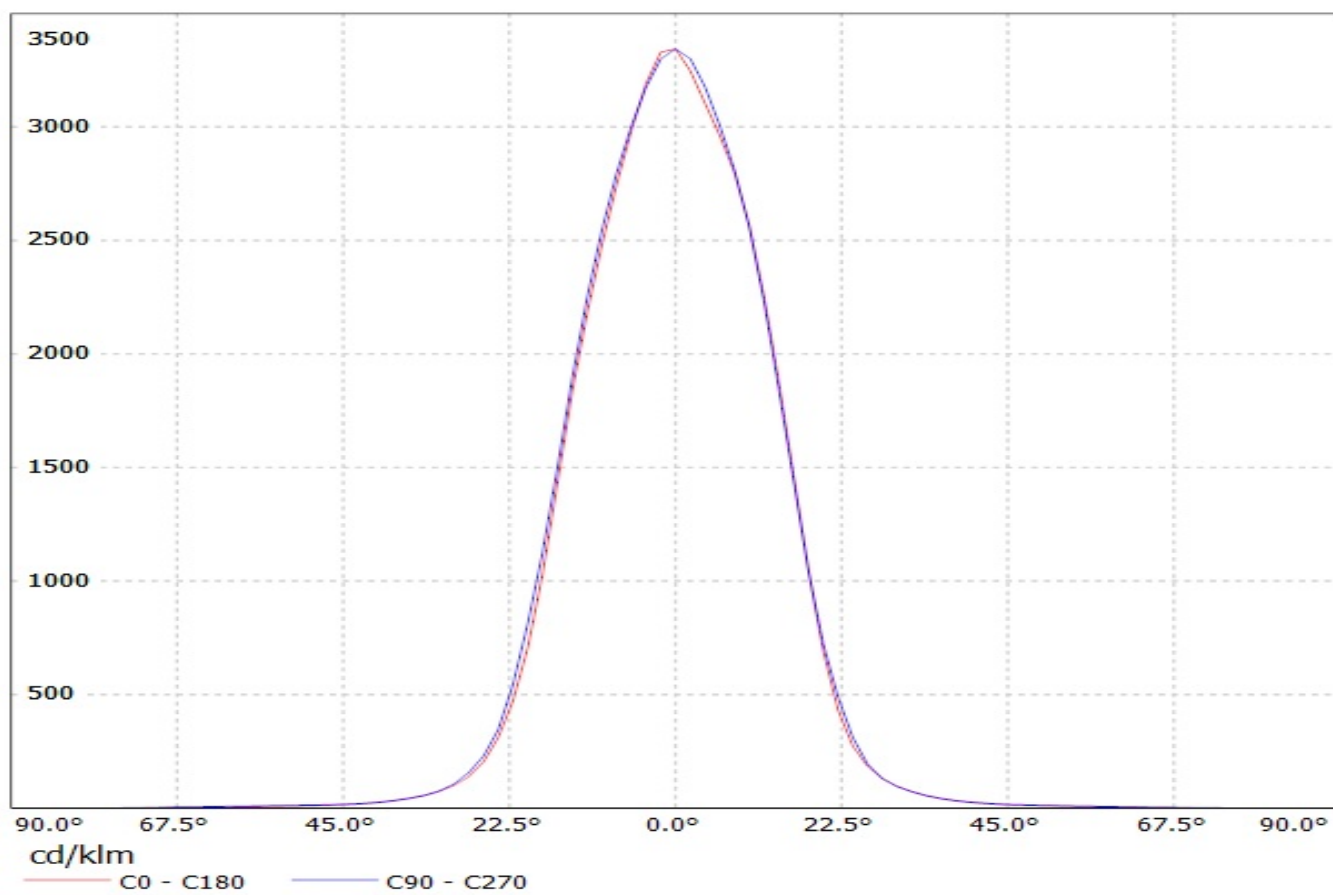
D

A

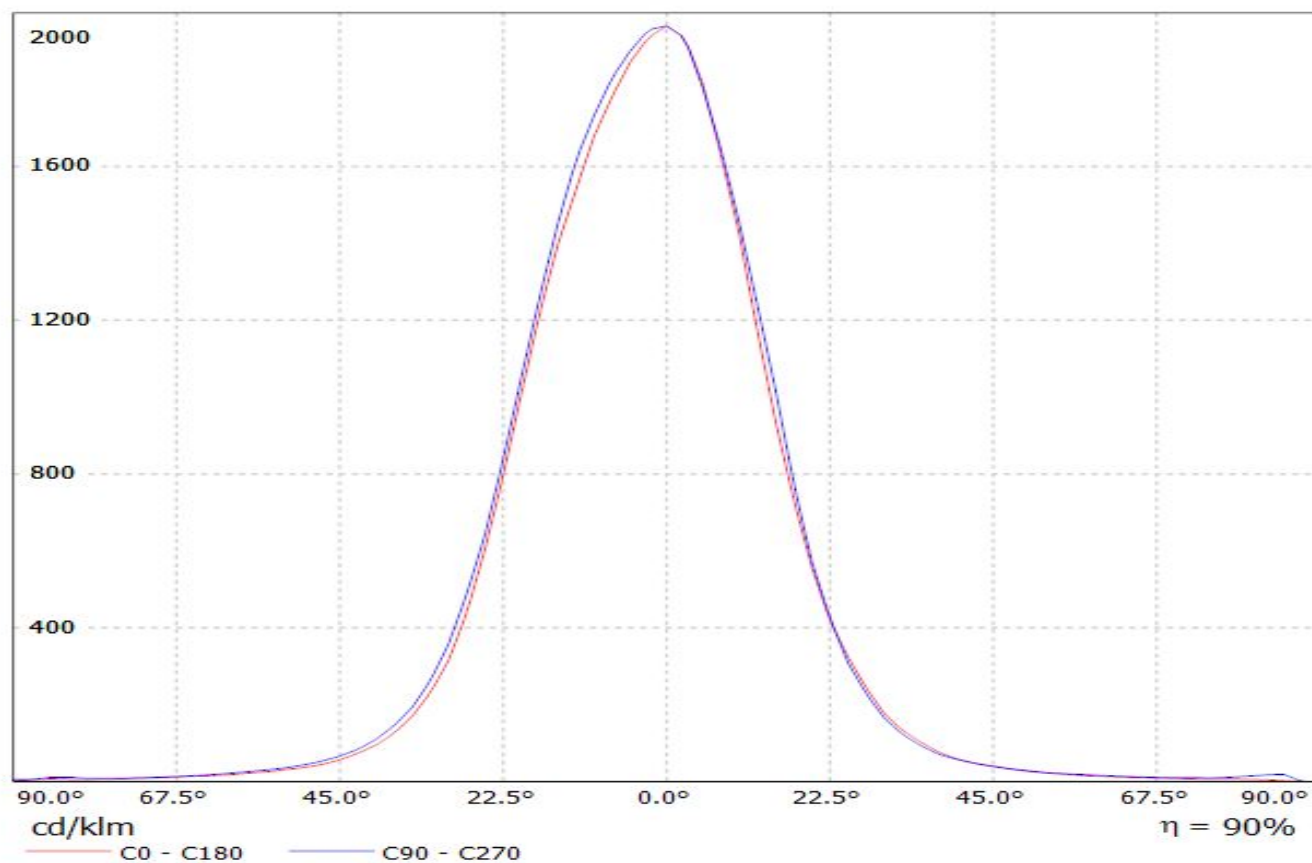
Luminaire: Ledil Oy CA11388-EMILY-M (Osram Square EC 62lm @ 250mA) Efficiency=89%
Lamps: 1 x Osram Square EC 62lm @ 250mA



Luminaire: LEDil Oy CA11391_EMILY-M2_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (77.2lm @ 250mA) CCT=3200K P=0.8W I=250mA

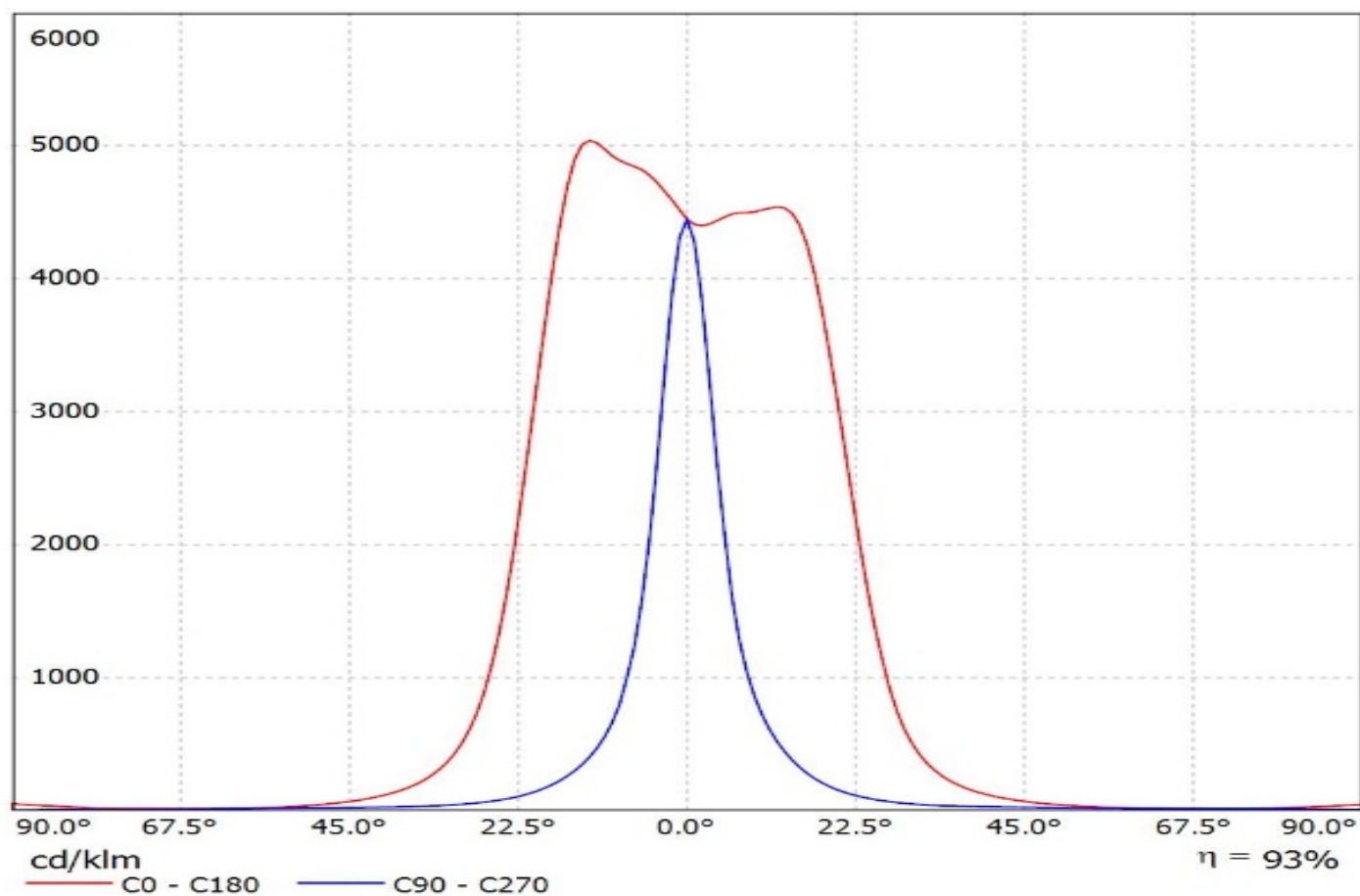


Luminaire: Ledil Oy CA11389-EMILY-O (Osram Square EC 62lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 62lm @ 250mA

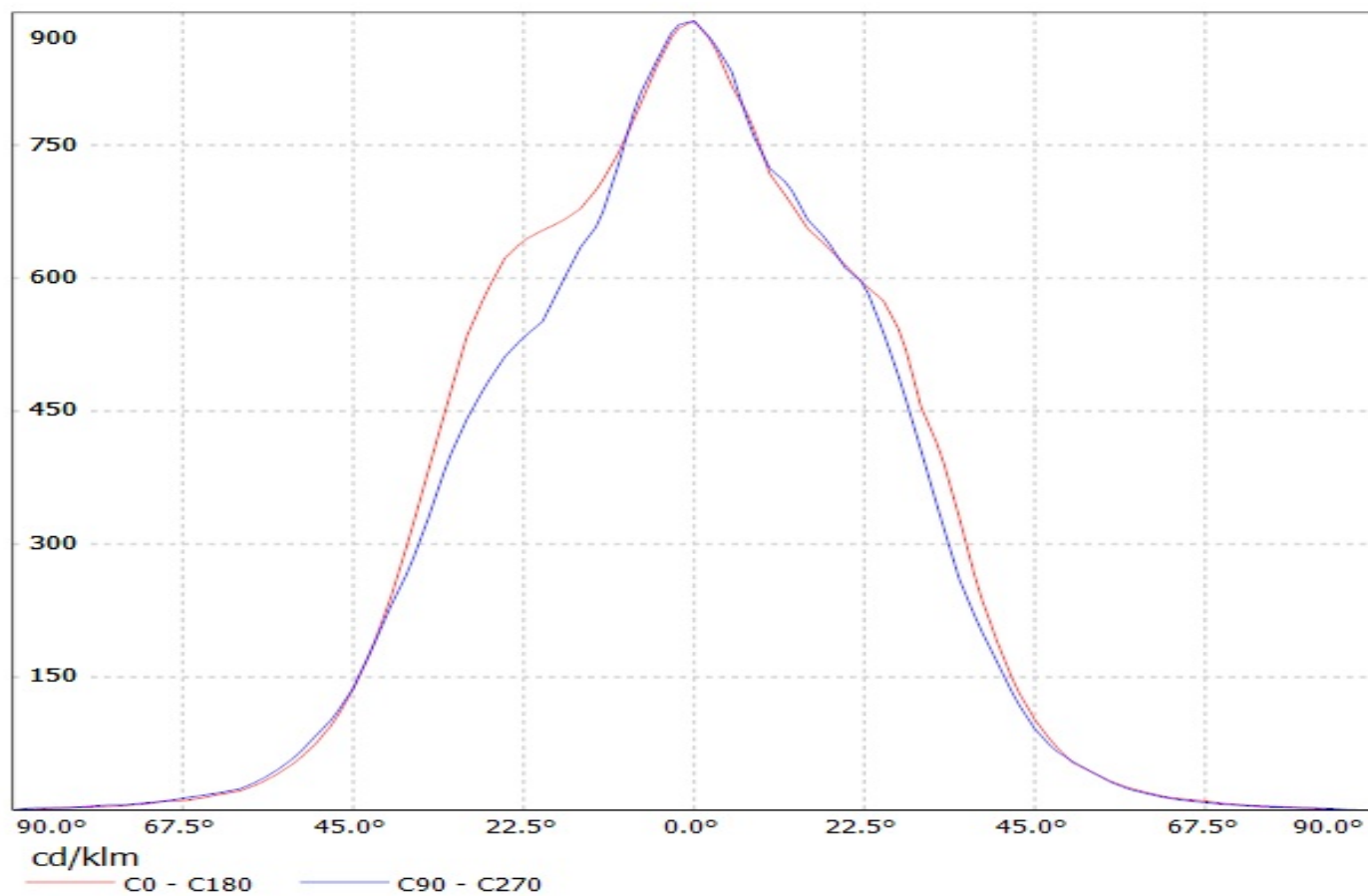


Luminaire: LEDiL Oy CA11389_EMILY-O_(SQ-EC)

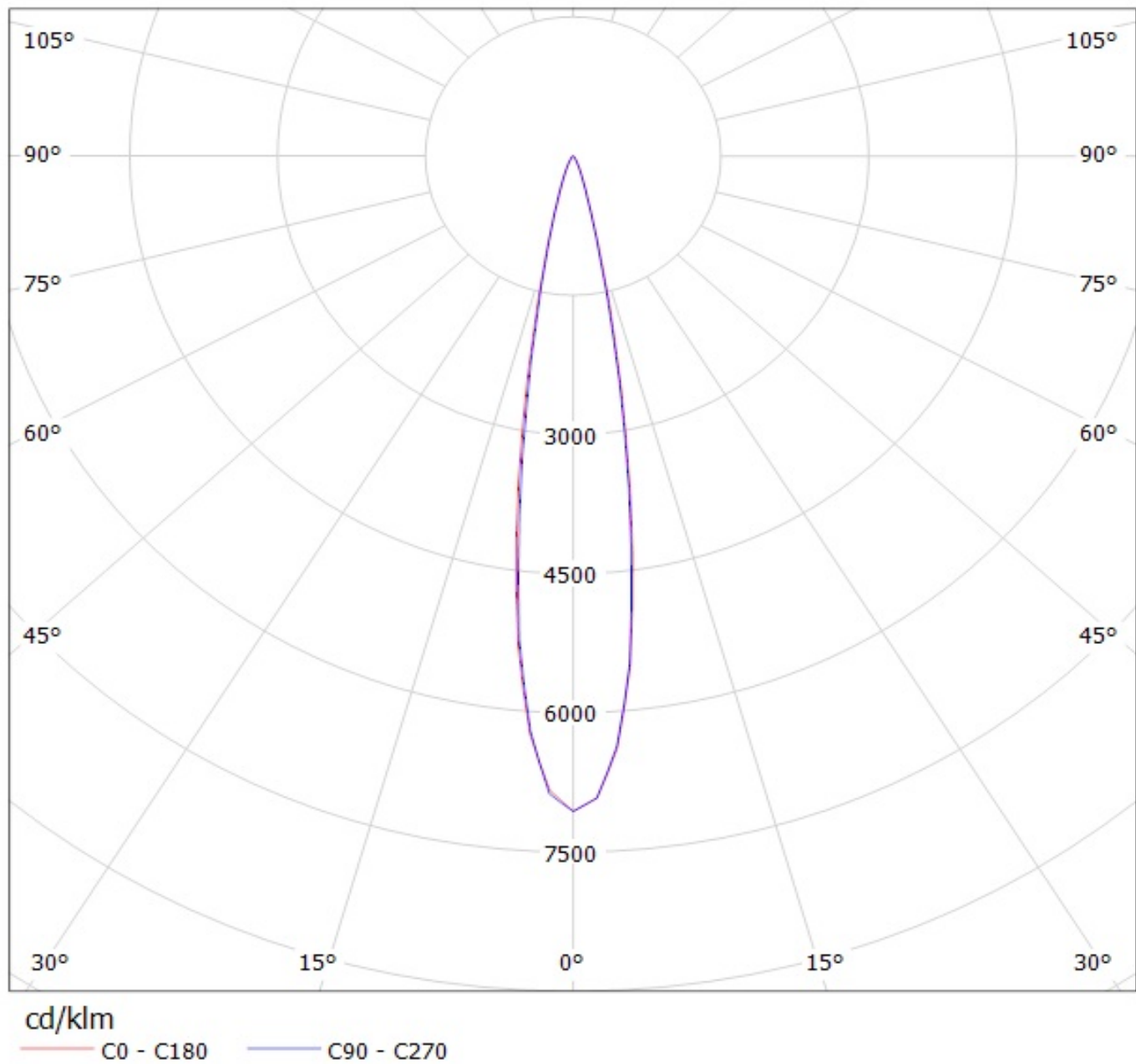
Lamps: 1 x Osram_Oslon_Square_EC_(GW_CSSRM1.EC)_83.7231lm@250mA_P=0.724195W_I=0.25A



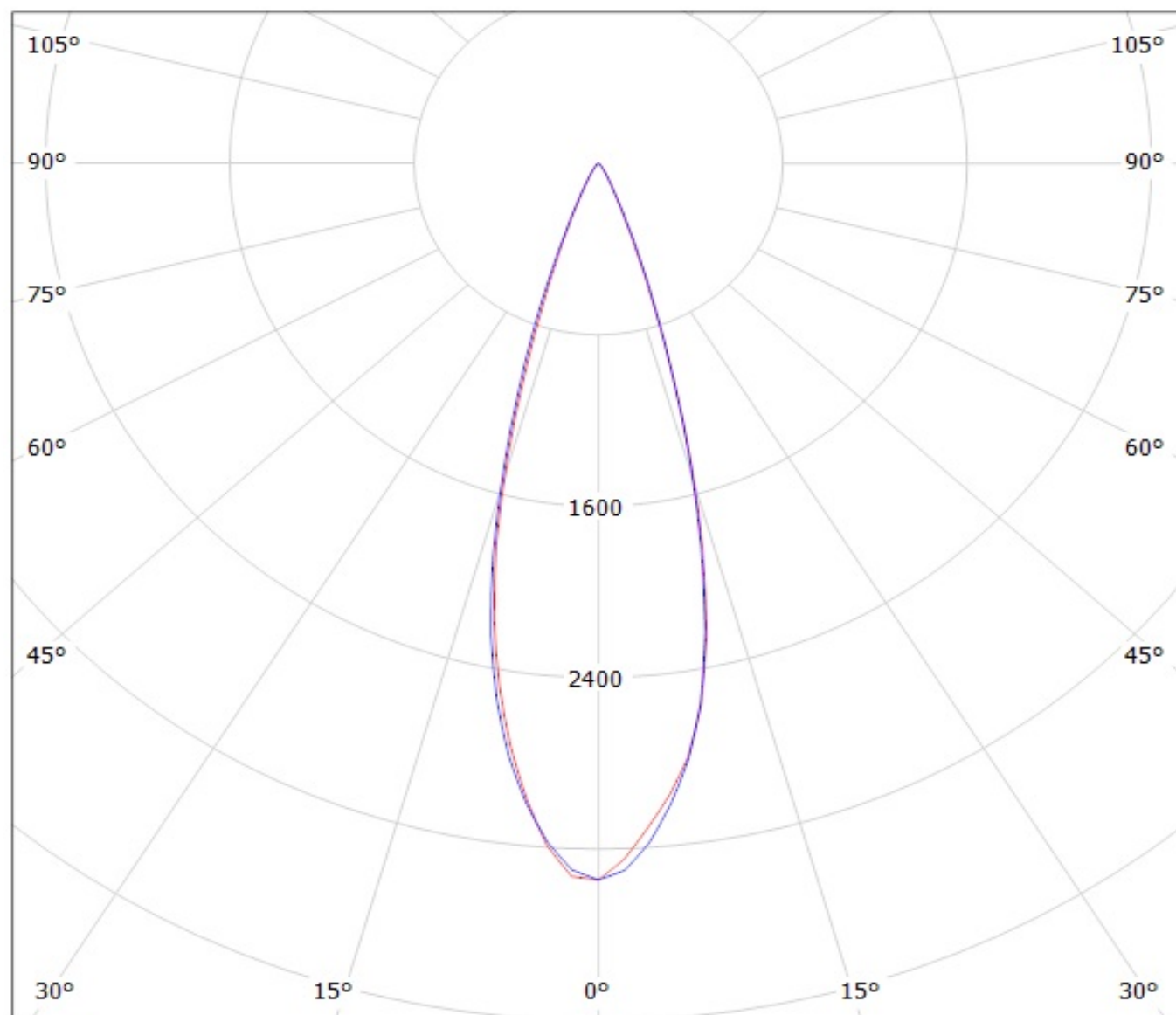
Luminaire: Ledil Oy CA12589 EMILY-WWW (Osram Square EC 66lm @ 250mA) Efficiency=85%
Lamps: 1 x Osram Square EC 66lm @ 250mA



Luminaire: Ledil Oy CA11388-EMILY-M (Osram Square EC 62lm @ 250mA) Efficiency=89%
Lamps: 1 x Osram Square EC 62lm @ 250mA



Luminaire: LEDil Oy CA11391_EMILY-M2_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (77.2lm @ 250mA) CCT=3200K P=0.8W I=250mA

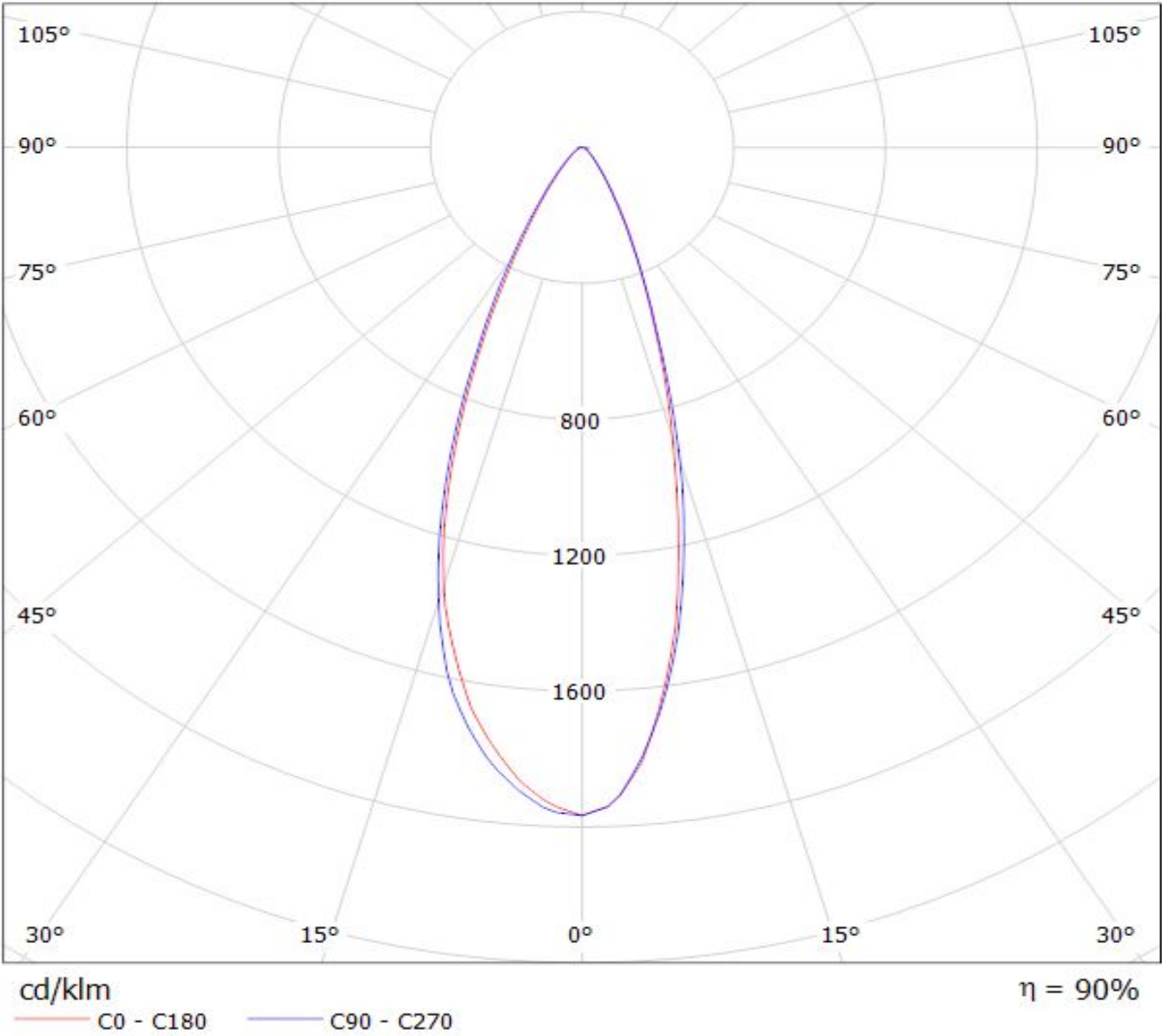


cd/klm

— C0 - C180

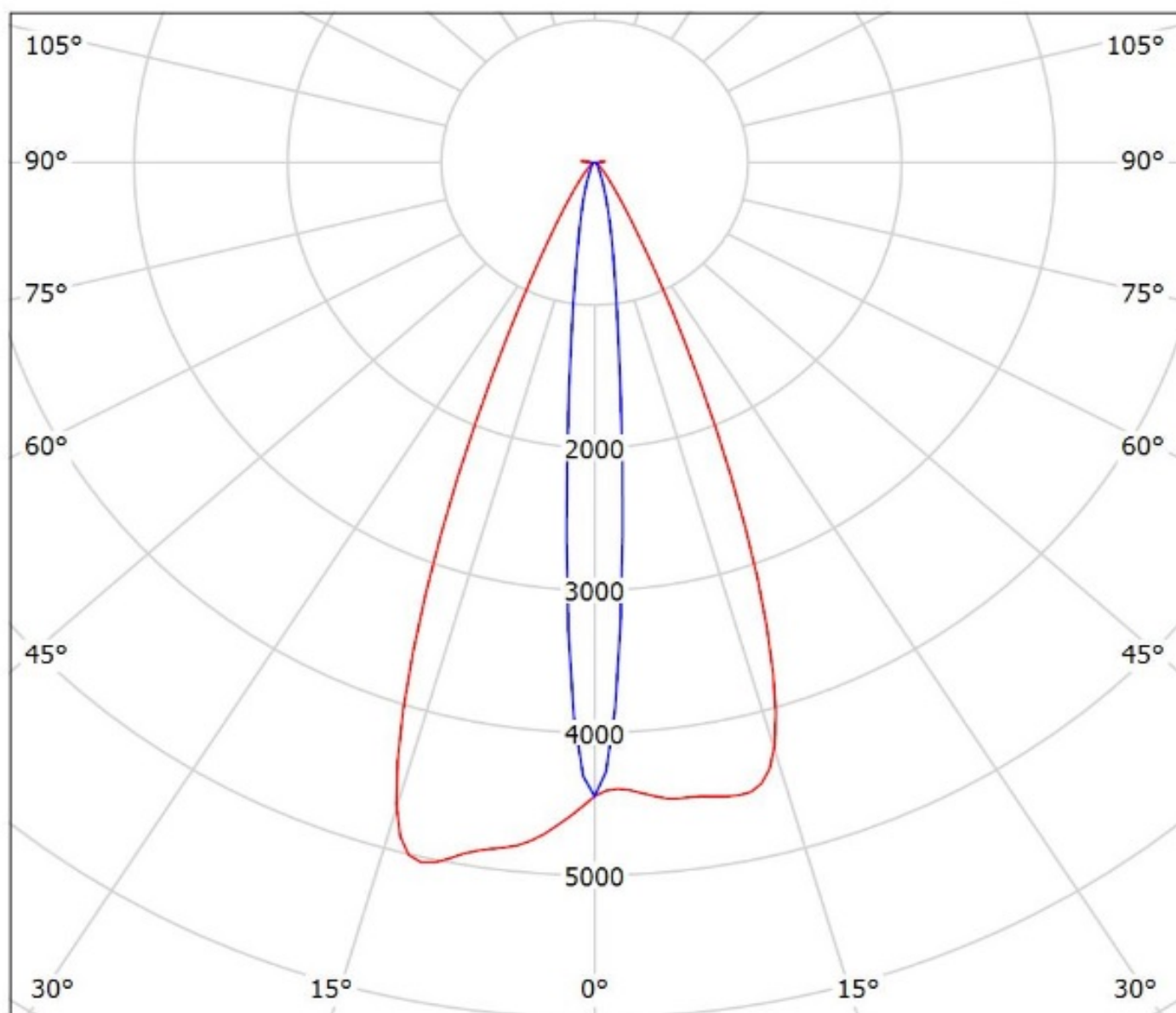
— C90 - C270

Luminaire: Ledil Oy CA11389-EMILY-O (Osram Square EC 62lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 62lm @ 250mA



Luminaire: LEDiL Oy CA11389_EMILY-O_(SQ-EC)

Lamps: 1 x Osram_Oslon_Square_EC_(GW_CSSRM1.EC)_83.7231lm@250mA_P=0.724195W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CA12589_EMILY-WWW (Osram Square EC 66lm @ 250mA) Efficiency=85%
Lamps: 1 x Osram Square EC 66lm @ 250mA

