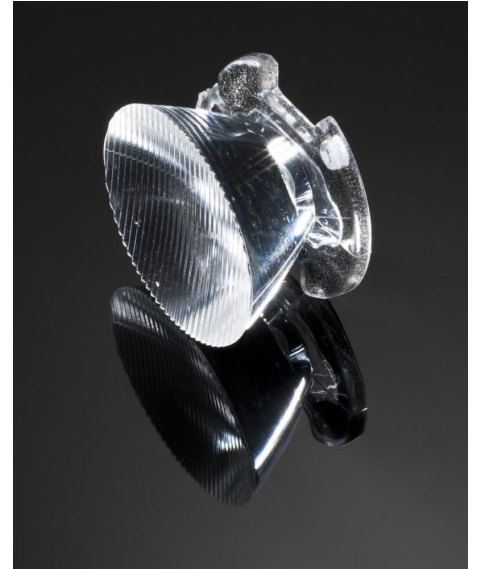


DETAILS

Product Number	CA12068_EMILY-O-90
Family	Emily
Type	Assembly
Color	clear
Diameter	26 mm
Height	15 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	production ready
ROHS Compliant	Yes
Date Updated	9/06/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	47+13 deg	O-90	90 %	-	-
XM-L HVW	sim: 48+12	O-90	86 %	-	-
XM-L2	14+48 deg	O-90	87 %	3.700	-
XP-L HI	9+48 deg	O-90	87 %	5.700	-
LUXEON Rebel ES	44+10 deg	O-90	90 %	-	-

D

C

B

A

4

4

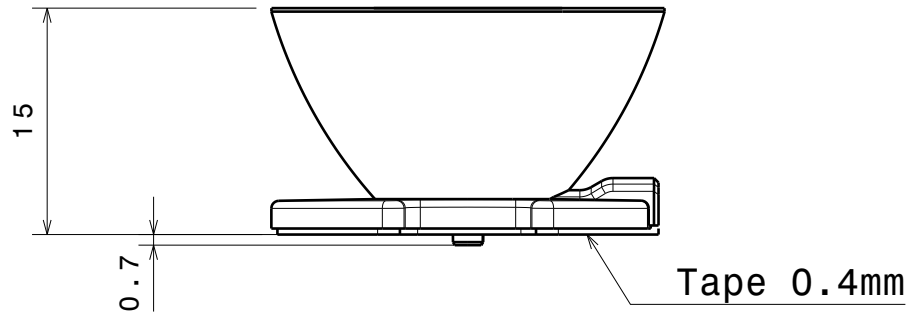
Beam direction Emily-0-90

Beam direction Emily-0

Bottom view

3

3



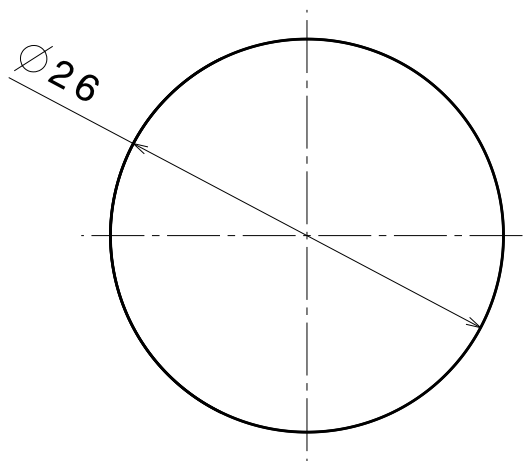
Front view

2

2

Material:
 Lens: PMMA
 Tape: PU Foam with adhesive

Part no.s:
 CA12062_Emily-SS
 CA12064_Emily-M
 CA12066_Emily-0
 CA12068_Emily-0-90
 CA12070_Emily-M2



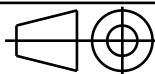
Top view

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

Datasheet Emily-RE-ES series lens

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SIZE PART NUMBER

A4

SCALE 2:1 WEIGHT

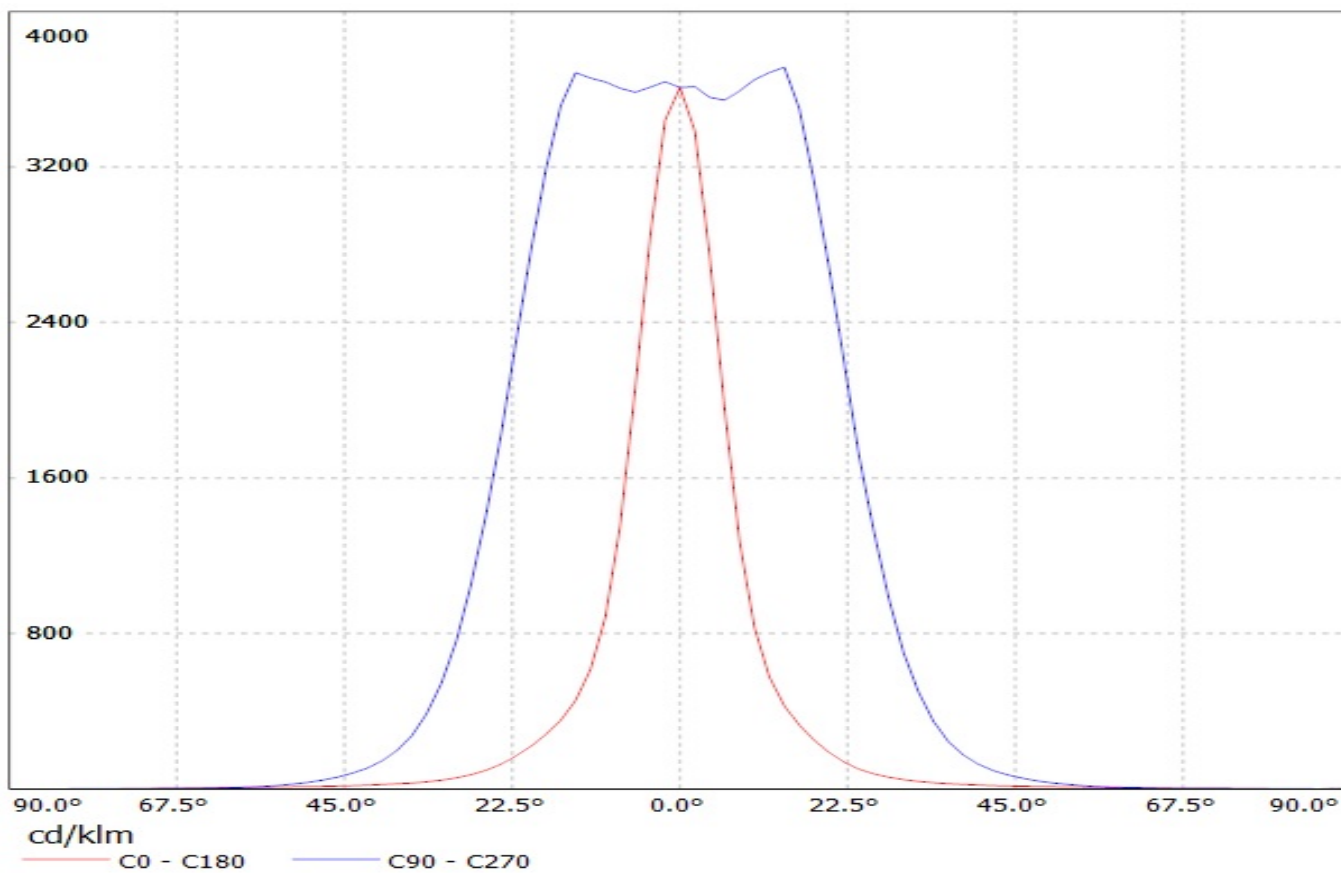
SHEET 1/1

D

A

1

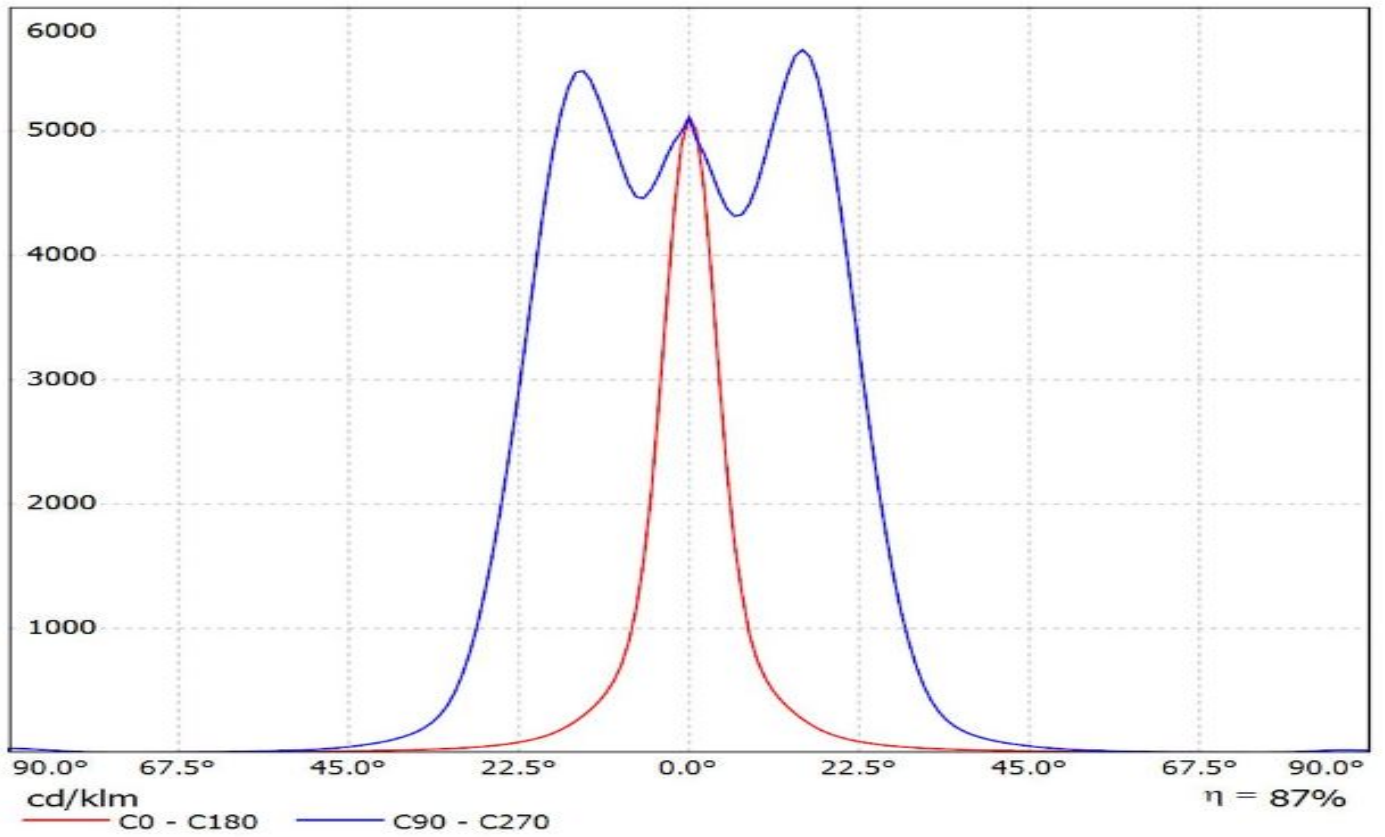
Luminaire: LEDil Oy CA12068_EMILY-O-90_(XM-L2) Efficiency=87%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) P=0.7W I=250mA



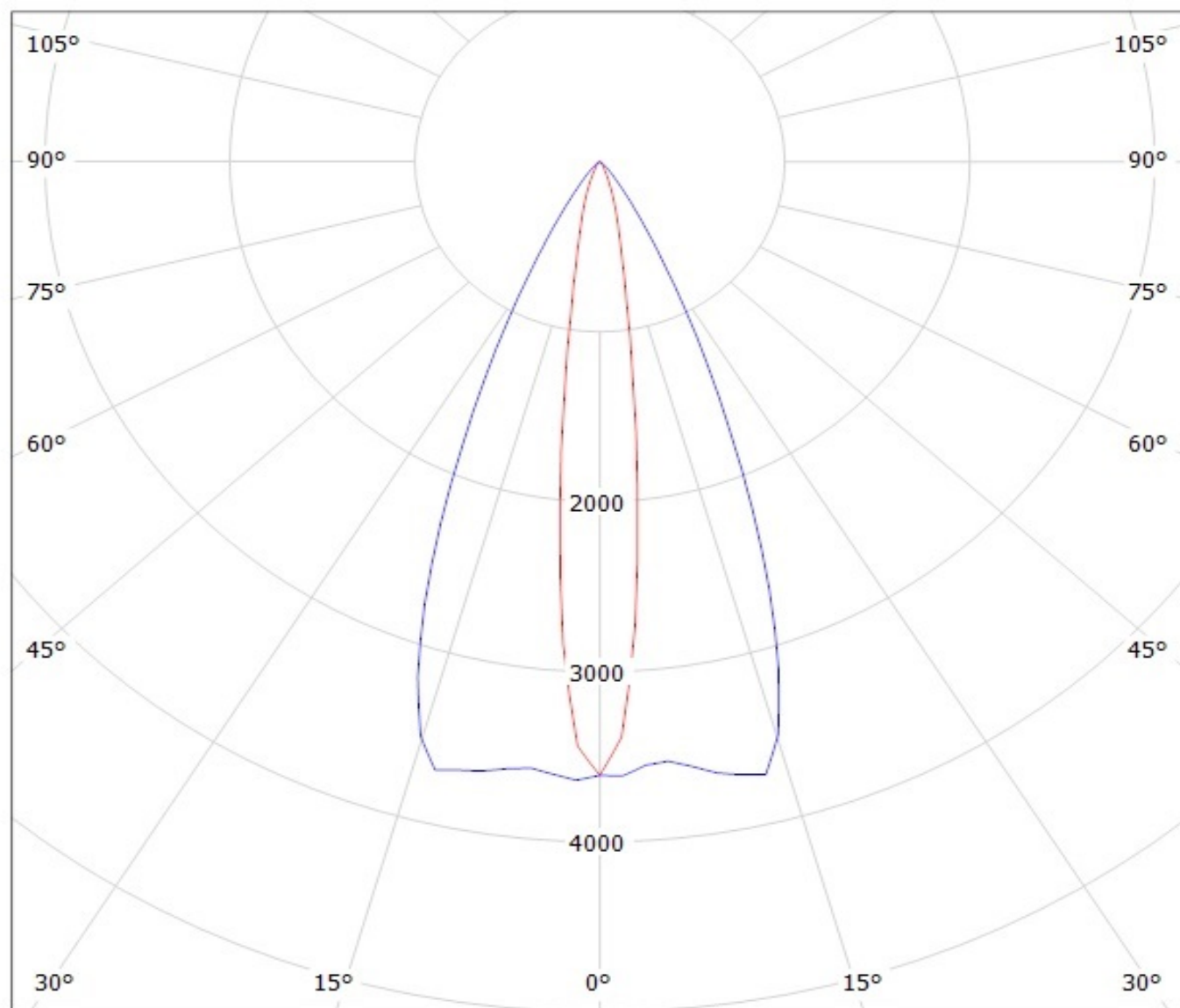
Ledil CA12068_EMILY-O-90_(XP-L_HI) / LDC (Linear)

Luminaire: Ledil CA12068_EMILY-O-90_(XP-L_HI)

Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



Luminaire: LEDil Oy CA12068_EMILY-O-90_(XM-L2) Efficiency=87%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) $\bar{P}=0.7W$ $I=250mA$



cd/klm

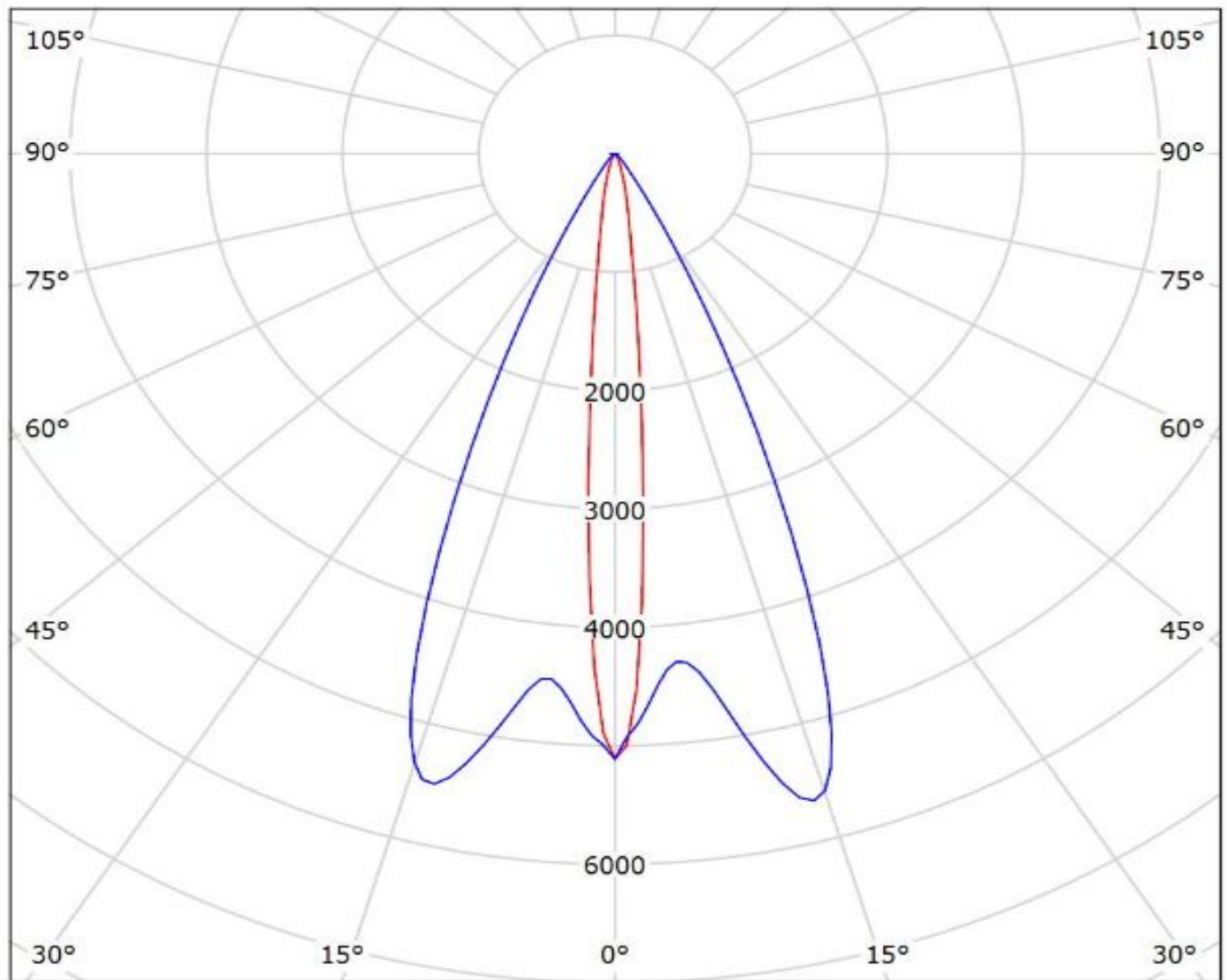
— C0 - C180

— C90 - C270

Ledil CA12068_EMILY-O-90_(XP-L_HI) / LDC (Polar)

Luminaire: Ledil CA12068_EMILY-O-90_(XP-L_HI)

Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

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.