

DETAILS

Product Number	FA10663_LXP-D
Family	Leila
Type	Assembly
Color	black
Diameter	21,6 mm
Height	14,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Comliant	Yes
Date Updated	10/04/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
XP-E	12 deg	Diffuser	90 %	12.000	-
XP-G	15 deg	Diffuser	93 %	-	-
XP-E-HEW	14 deg	Diffuser	90 %	-	-
XP-L HI	14 deg	Diffuser	86 %	10.000	-
Z5	11 deg	Diffuser	-	-	-

H

G

F

E

D

C

B

A

4

3

2

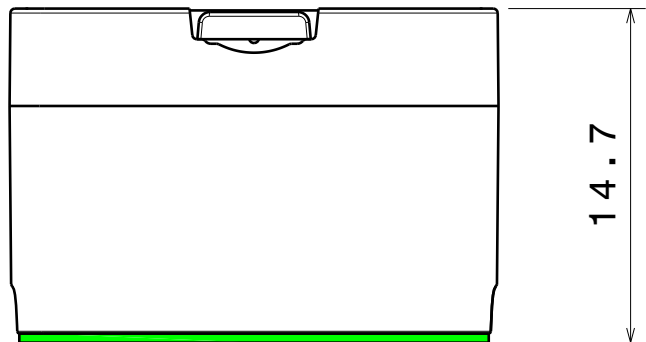
1

4

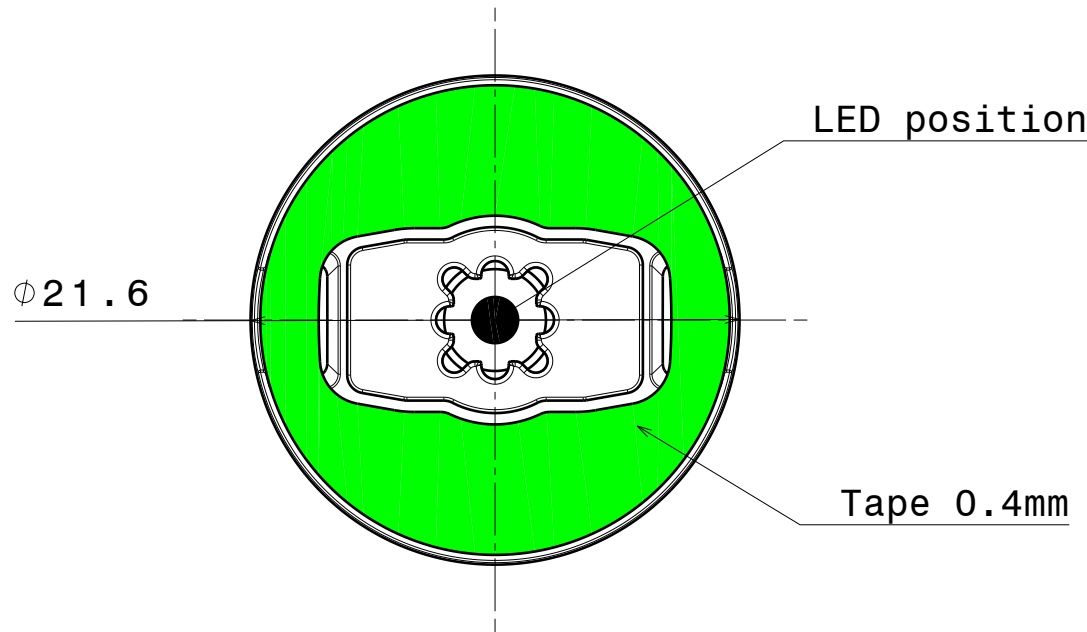
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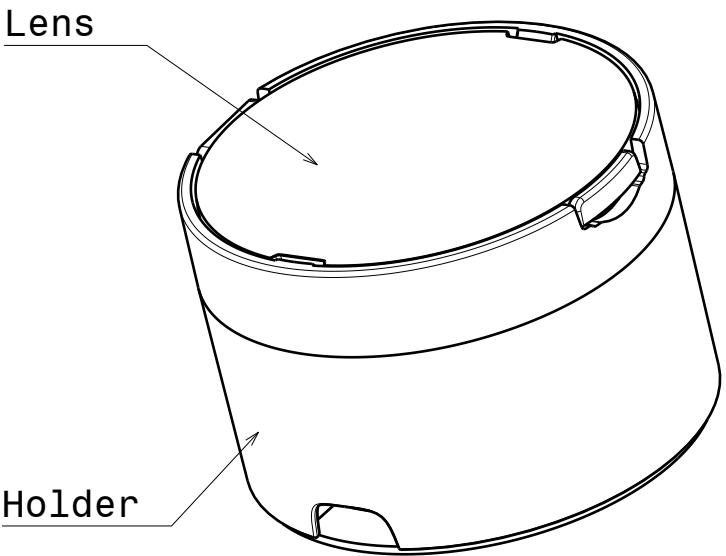
1



Front view
Scale: 3:1



Bottom view
Scale: 3:1



Isometric view
Scale: 3:1

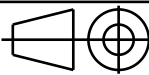
INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Lens	PMMA	
2	Holder	PC	black
3	Tape	PU 2-sided foam tape	adhesive

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:



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DRAWING TITLE

Datasheet_LXP-Series

SIZE

A3

PART NUMBER

-

SCALE

3:1

WEIGHT

-

SHEET

1/1

H

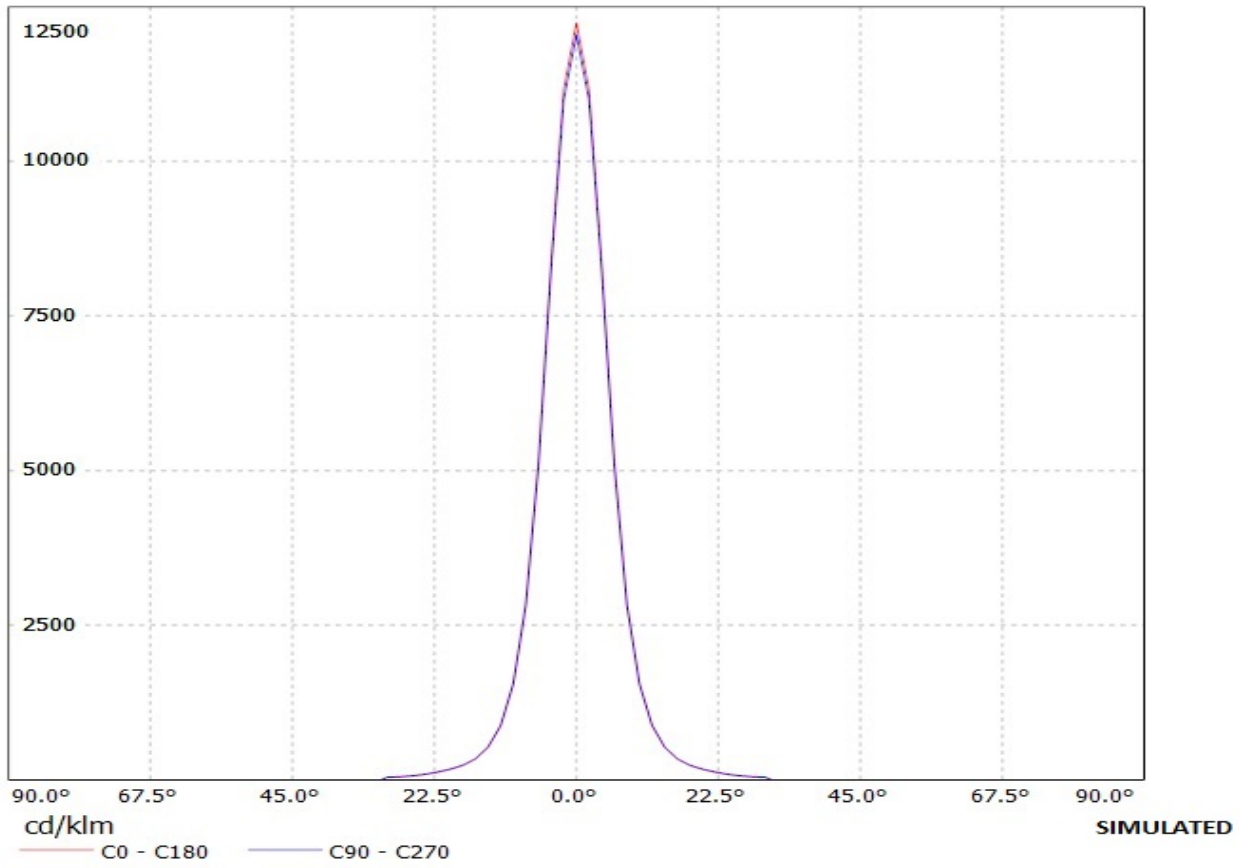
G

B

A

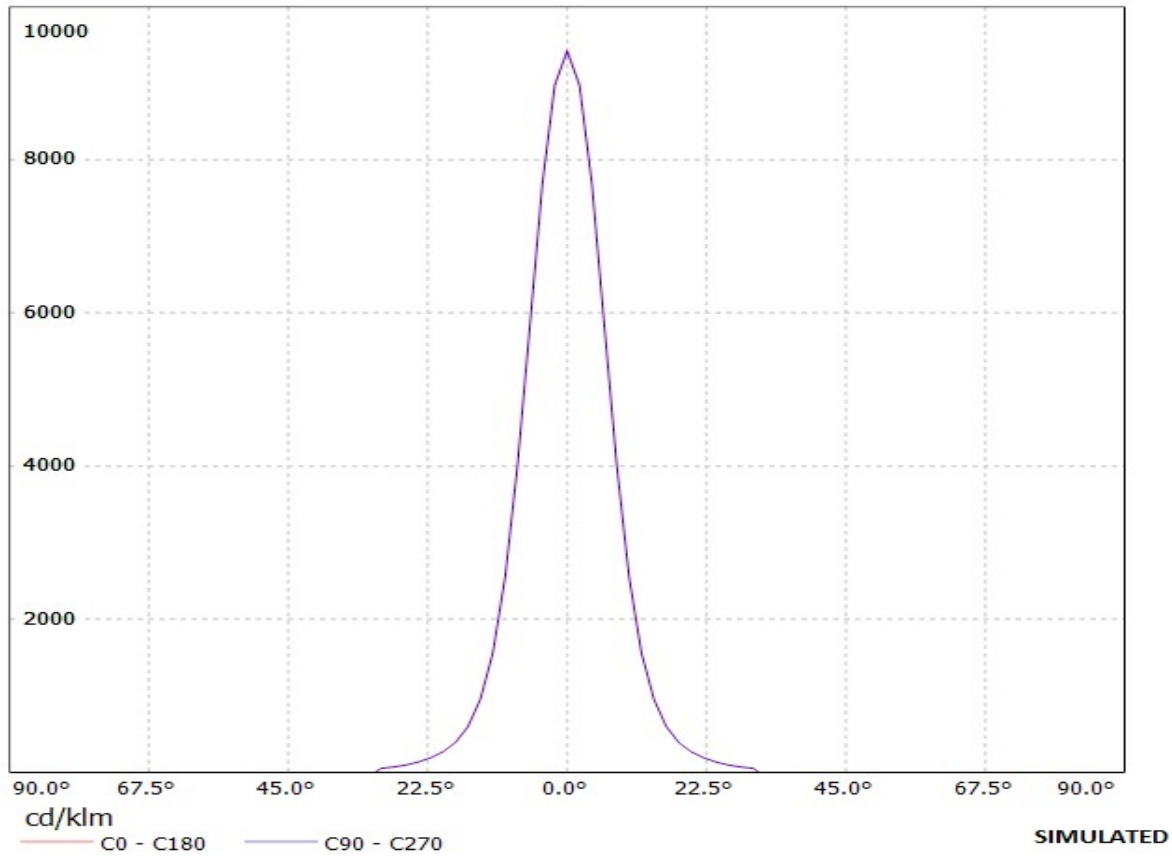
Ledil Oy FA10663_LXP-D FA10663_LXP-D / LDC (Linear)

Luminaire: Ledil Oy FA10663_LXP-D FA10663_LXP-D
Lamps: 1 x Cree XP-E (white)



Ledil Oy FA10663_LXP-G-D FA10663_LXP-G-D / LDC (Linear)

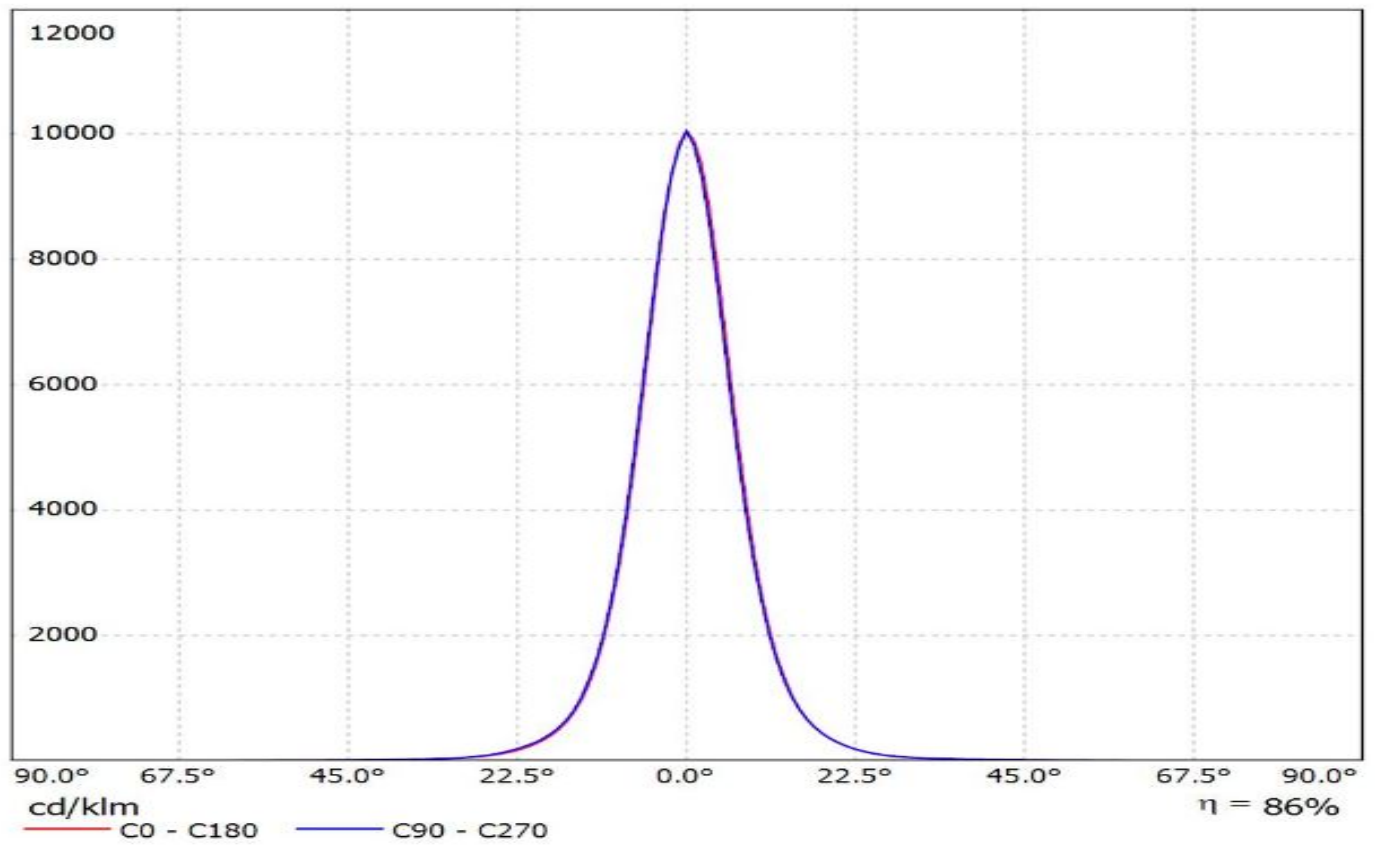
Luminaire: Ledil Oy FA10663_LXP-G-D FA10663_LXP-G-D
Lamps: 1 x Cree XP-G (White)



Ledil FA10663_LXP-D_(XP-L_HI) / LDC (Linear)

Luminaire: Ledil FA10663_LXP-D_(XP-L_HI)

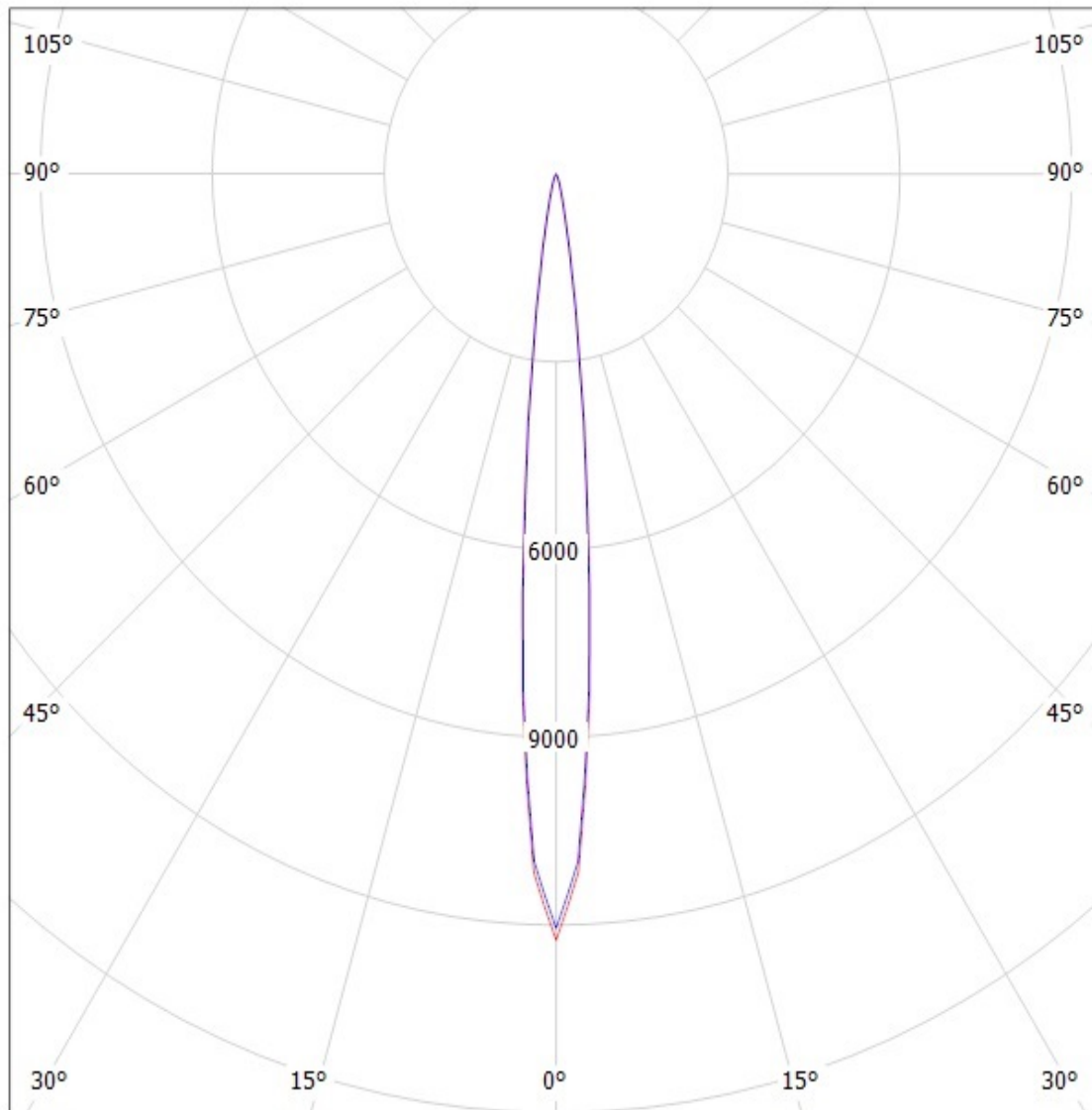
Lamps: 1 x CREE_XP-L_HI_116.97lm@250mA_P=0.75W_I=0.25A



Ledil Oy FA10663_LXP-D FA10663_LXP-D / LDC (Polar)

Luminaire: Ledil Oy FA10663_LXP-D FA10663_LXP-D

Lamps: 1 x Cree XP-E (white)



cd/klm

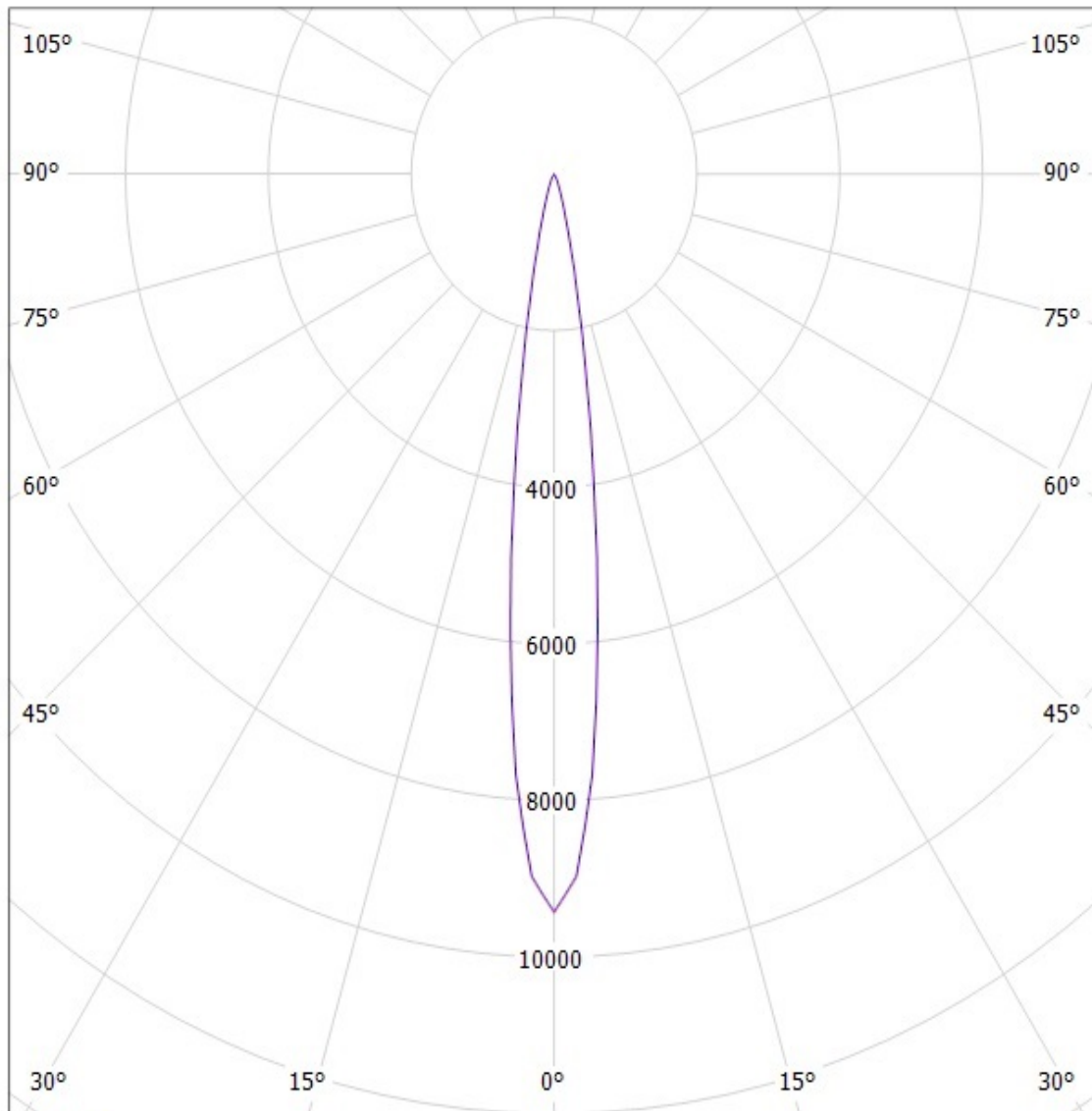
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy FA10663_LXP-G-D FA10663_LXP-G-D / LDC (Polar)

Luminaire: Ledil Oy FA10663_LXP-G-D FA10663_LXP-G-D
Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

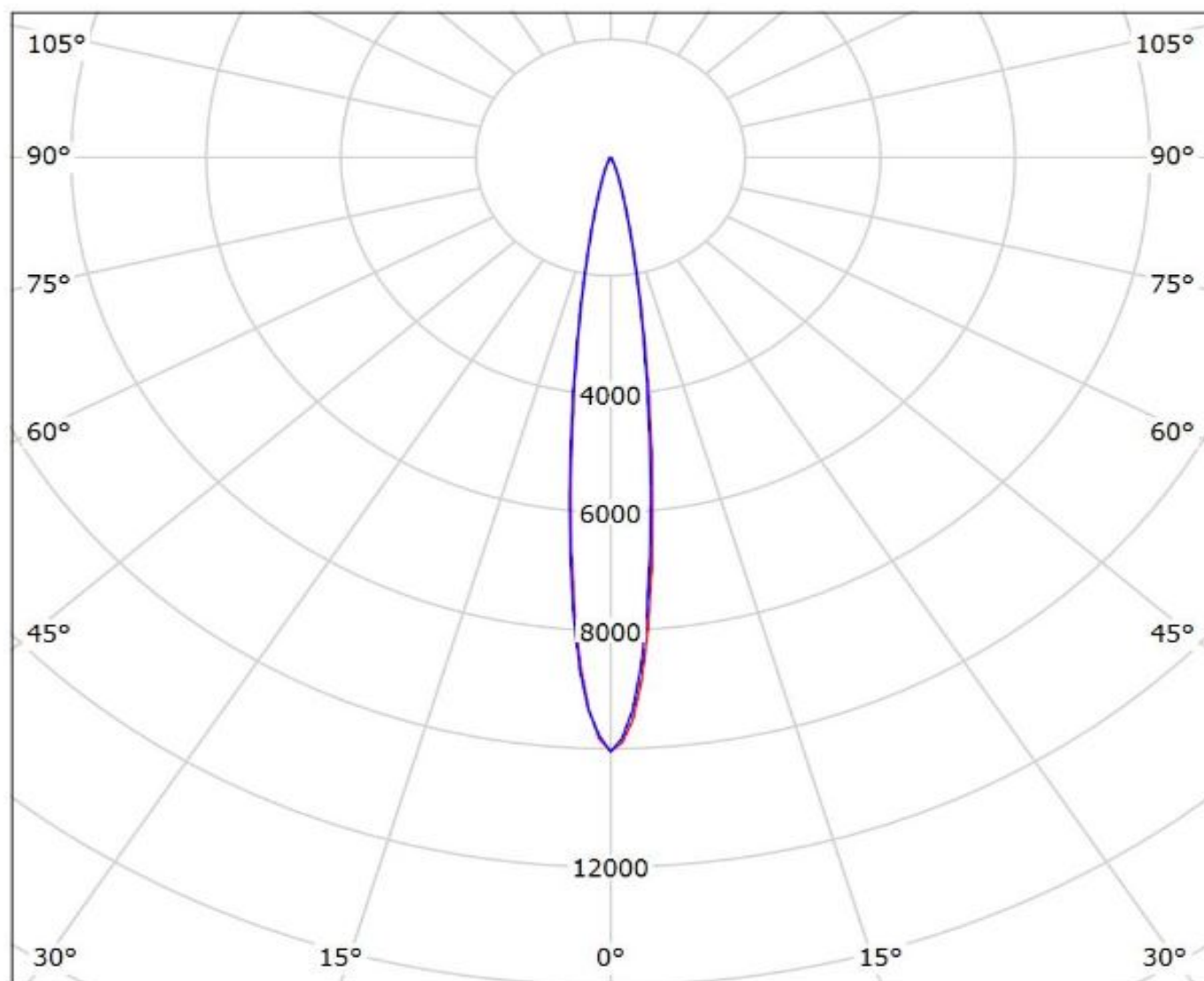
— C90 - C270

SIMULATED

Ledil FA10663_LXP-D_(XP-L_HI) / LDC (Polar)

Luminaire: Ledil FA10663_LXP-D_(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

$\eta = 86\%$

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.