PRODUCT DATASHEET
Florentina series
last update 23/1/2018

DETAILS



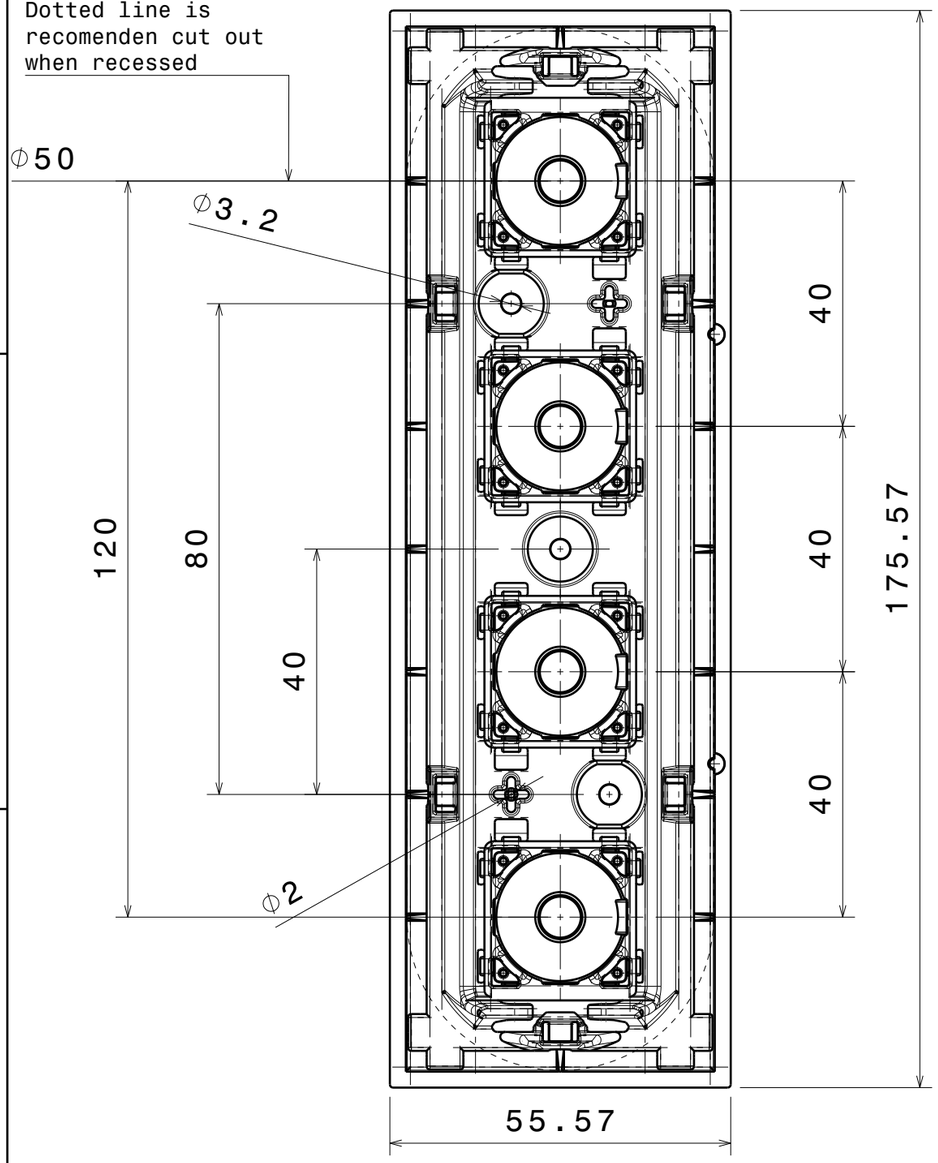
Product Number	FC15354_FLORENTINA-4X1-W
Family	Florentina
Type	Pack
Color	black
Diameter	175,57x55,57 mm
Height	17,72 mm
Style	rectang
Optic Material	PC
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	23/01/2018

OPTICAL PROPERTIES

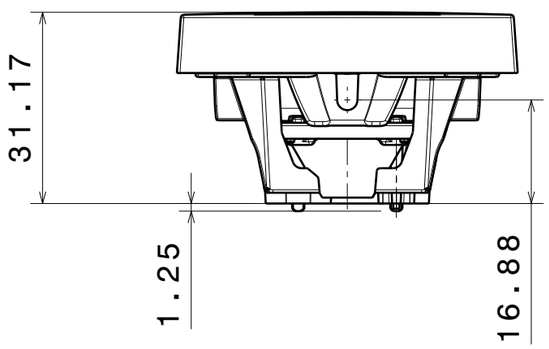
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
NVSxx19B/NVSxx19C	39 deg	Wide	72 %	1.400	-
Oslon Square Gen3	36 deg	Wide	69 %	1.500	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

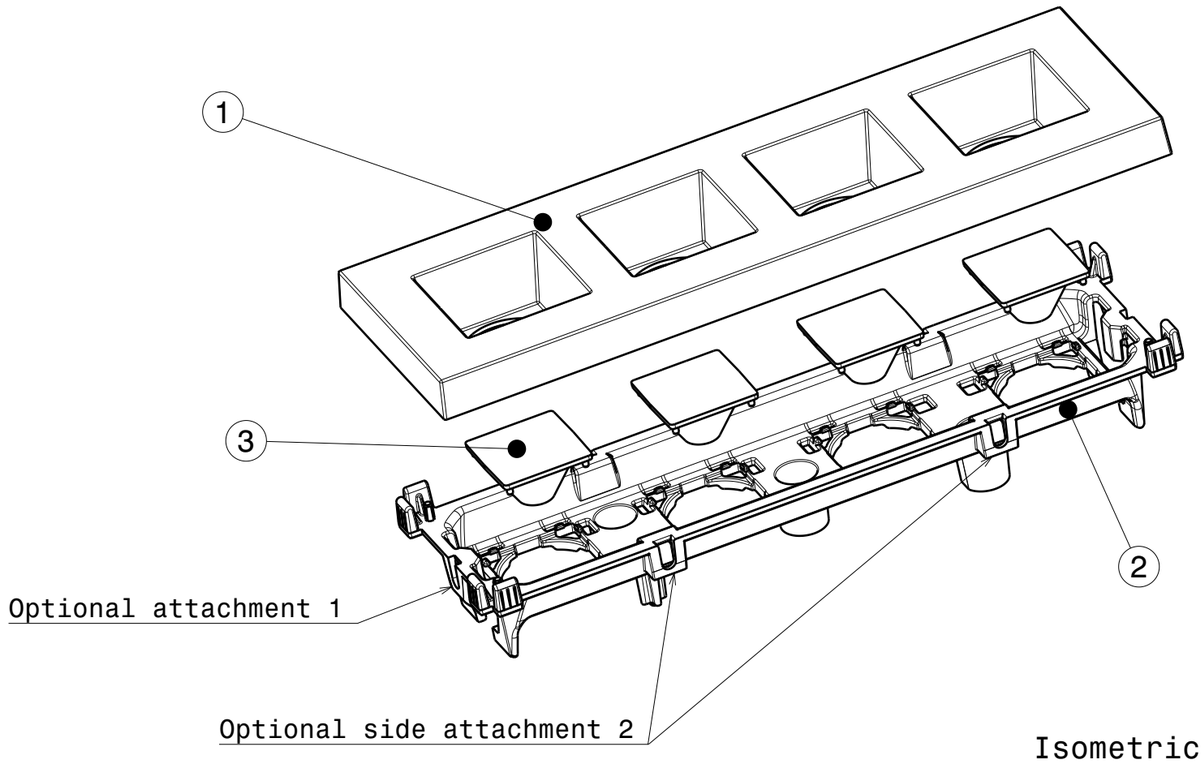
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



Bottom view



Front view



Isometric view
Scale: 3:4

Assembly:

1. Attach lenses by pressing them down until they snap into place.
2. Screw the holder (with lenses assembled) to PCB. Inspect that the positioning pins are securely in their holes.
3. Press the shade down on the holder until they are securely attached.

Optional side attachment: The holder can also be attached with DIN 7985 M3 nuts

1. One nut per side for rotational attachment
2. Two per side for fixed beam direction

Recommendations:

Screw type DIN 7985 M3, max. torque 0.6Nm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15028	FLORENTINA-4X1-SHD	PC	black
2	C15029	FLORENTINA-4X1-HLD	PC	black
3	-	CMC / MRK lenses		

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

THIRD ANGLE PROJECTION:

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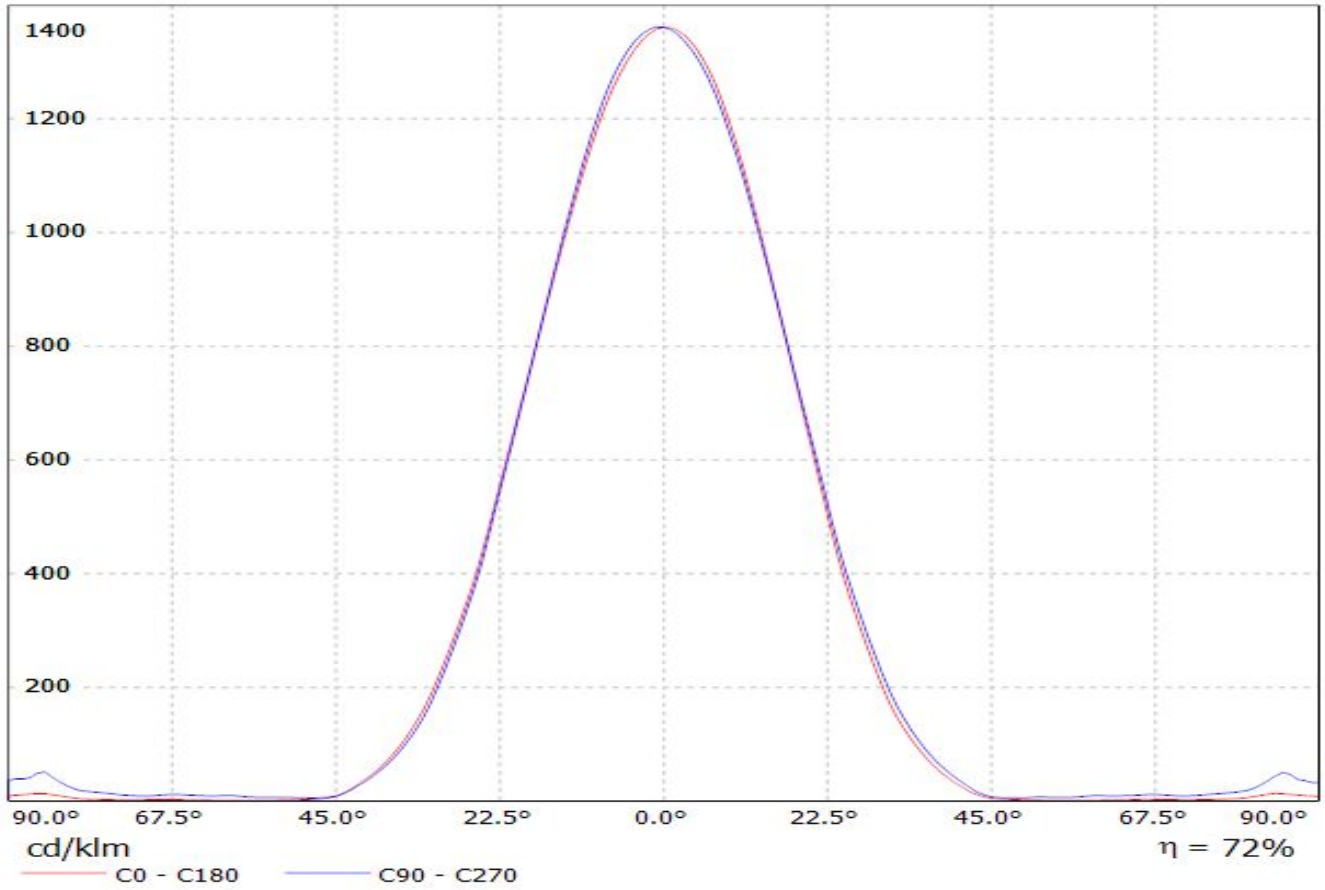
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
FLORENTINA-4x1 assembly

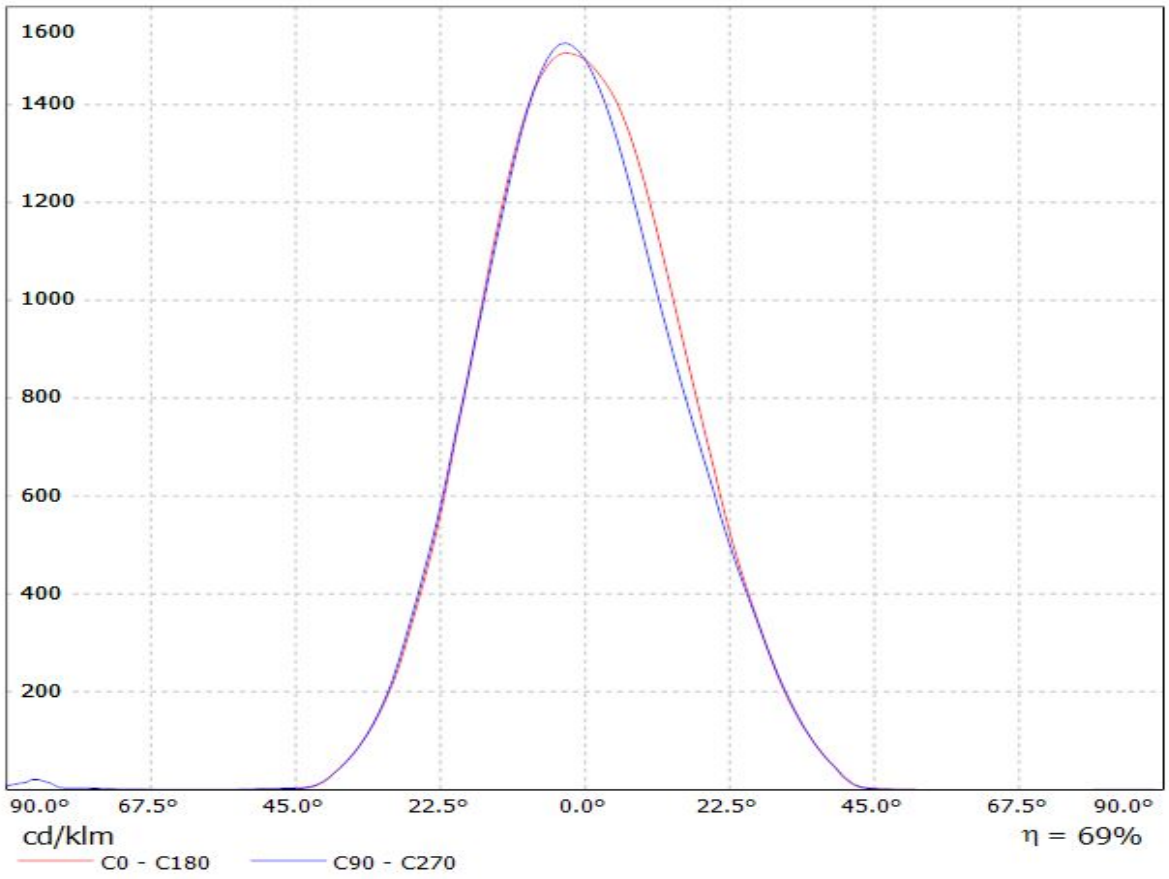
SIZE	PART NUMBER
A3	-

SCALE	WEIGHT		SHEET
1:1	58 g		1/1

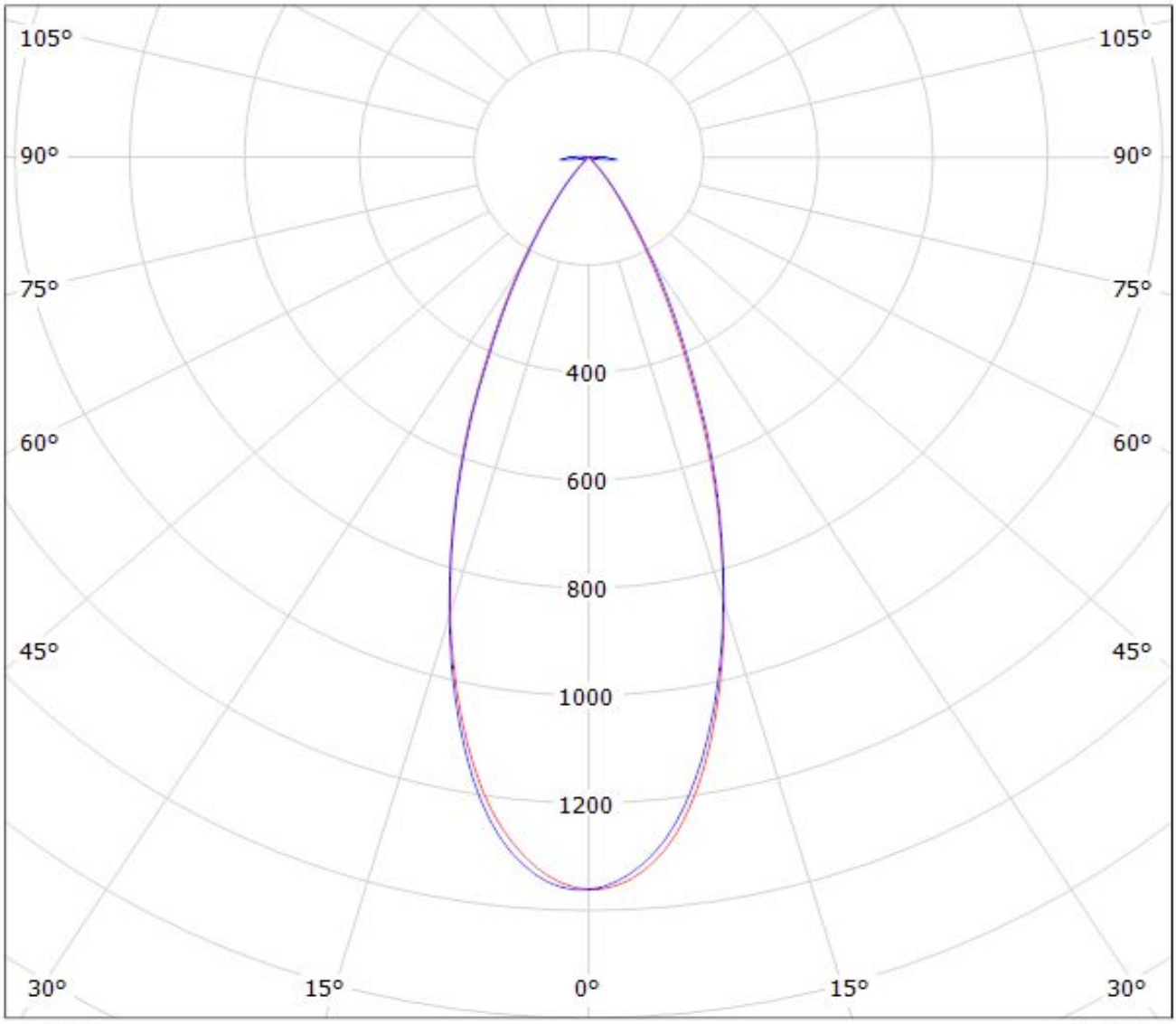
Luminaire: LEDiL Oy FC15354_FLORENTINA-4X1-W_(NVSL219BE)
Lamps: 1 x Nichia_NVSL219BE_4x1_320.463lm@250mA_P=2.77977W_I=0.25A



Luminaire: Ledil FC15354_FLORENTINA-4X1-W_(SQ_Gen3)
Lamps: 1 x Osram_Square_Gen3_4x1_(GW_CSSRM2.PM-MUNQ-A737-1)_455.587lm@250mA_P=2.78475W_I=0.25A



Luminaire: LEDiL Oy FC15354_FLORENTINA-4X1-W_(NVSL219BE)
Lamps: 1 x Nichia_NVSL219BE_4x1_320.463lm@250mA_P=2.77977W_I=0.25A

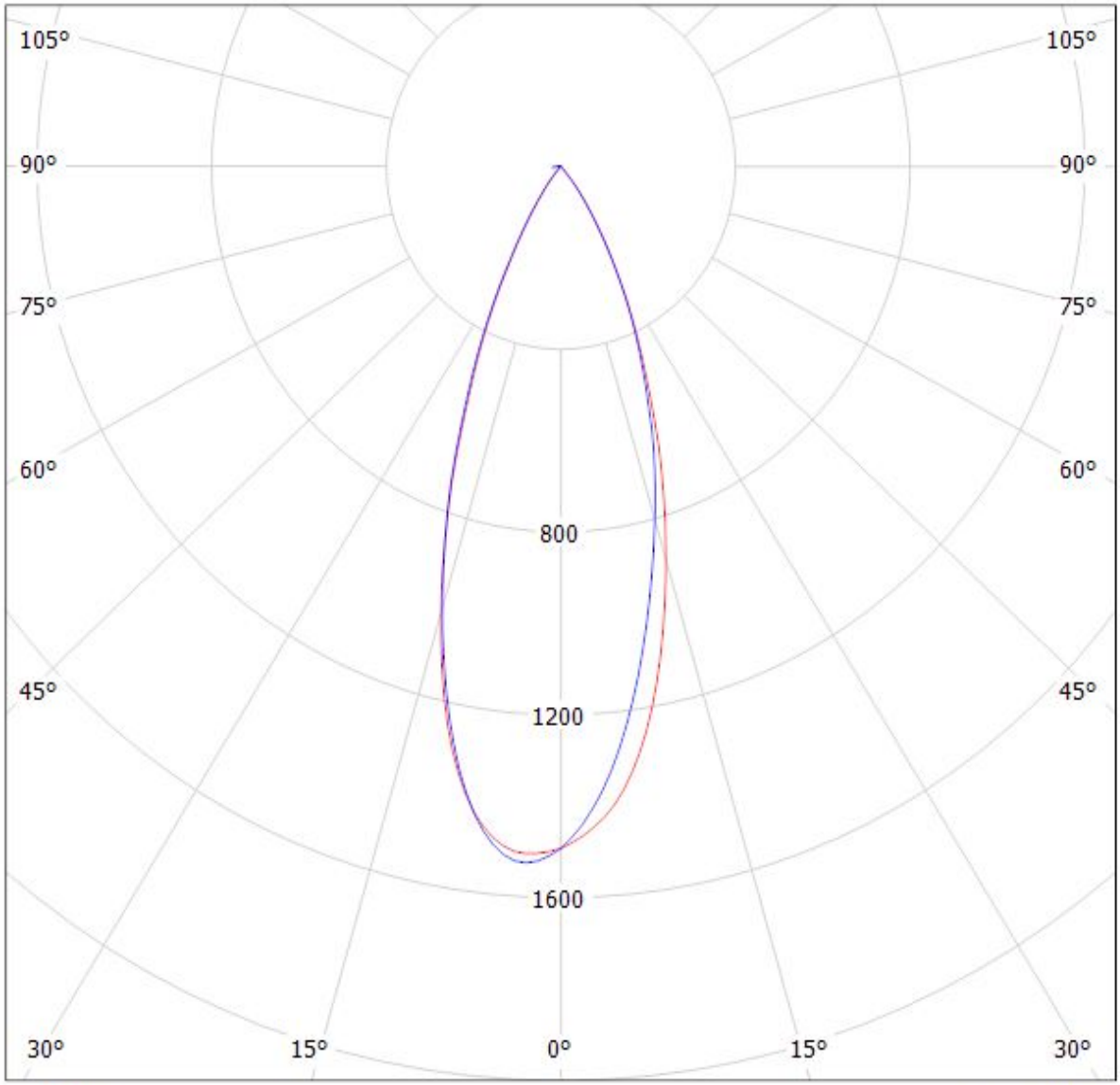


cd/klm

η = 72%

C0 - C180 C90 - C270

Luminaire: Ledil FC15354_FLORENTINA-4X1-W_(SQ_Gen3)
Lamps: 1 x Osram_Square_Gen3_4x1_(GW_CSSRM2.PM-MUNQ-A737-1)_455.587lm@250mA_P=2.78475W_I=0.25A



cd/klm

η = 69%

C0 - C180 C90 - C270

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.