PRODUCT DATASHEET
Florentina series
last update 23/1/2018

DETAILS



Product Number	FC15665_FLORENTINA-2X2-O-WHT
Family	Florentina
Type	Pack
Color	white
Diameter	95,57x95,57 mm
Height	17,72 mm
Style	square
Optic Material	PC,PC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	23/01/2018

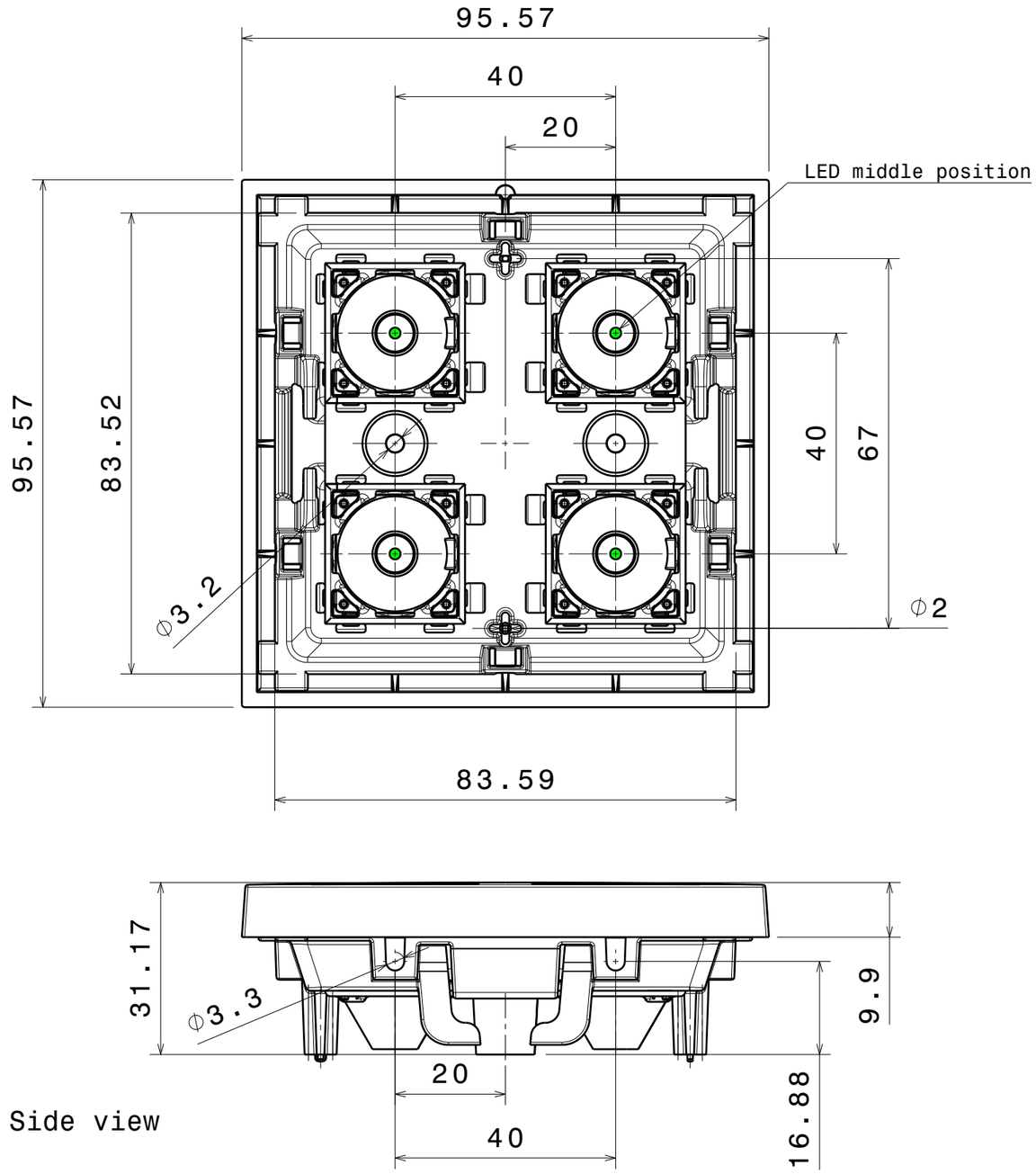
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-L	44+18 deg		70 %	2.500	-
LUXEON MZ	44+18 deg		74 %	2.400	-
Oslon Square Gen3	46+15 deg		73 %	2.900	-

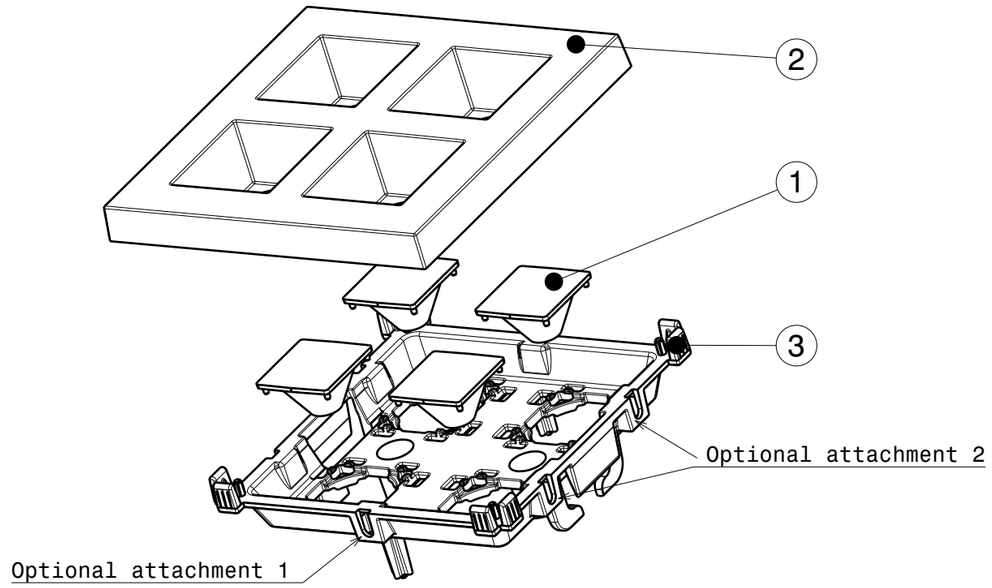
Ledil Oy
Salorankatu 10
24240 SALO, Finland

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

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LAURA / ROSE lens	-	
2	C14960	FLORENTINA-2X2-SHD-WHT	PC	white
3	C14735	FLORENTINA-2X2-HLD	PC	black



Side view



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

Compatible with Strada-2X2MX PCB

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:

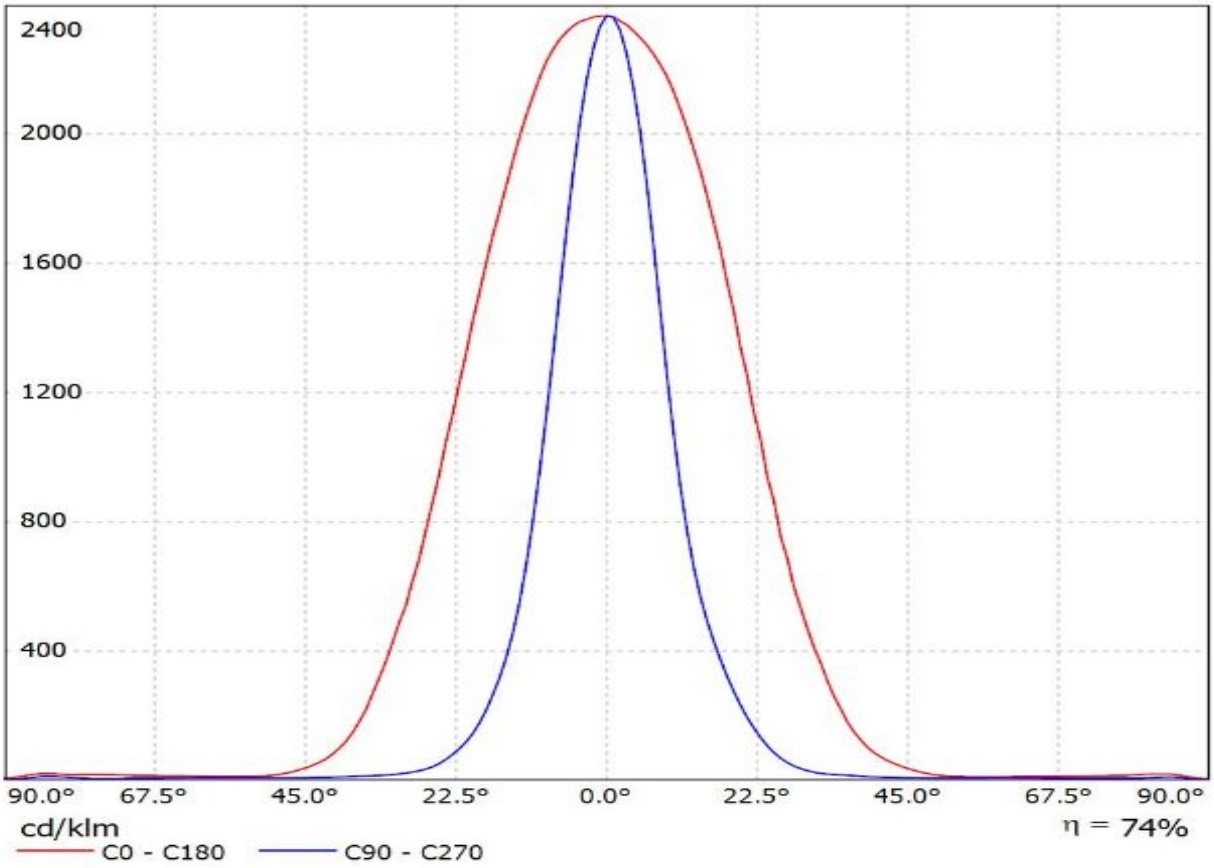
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LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

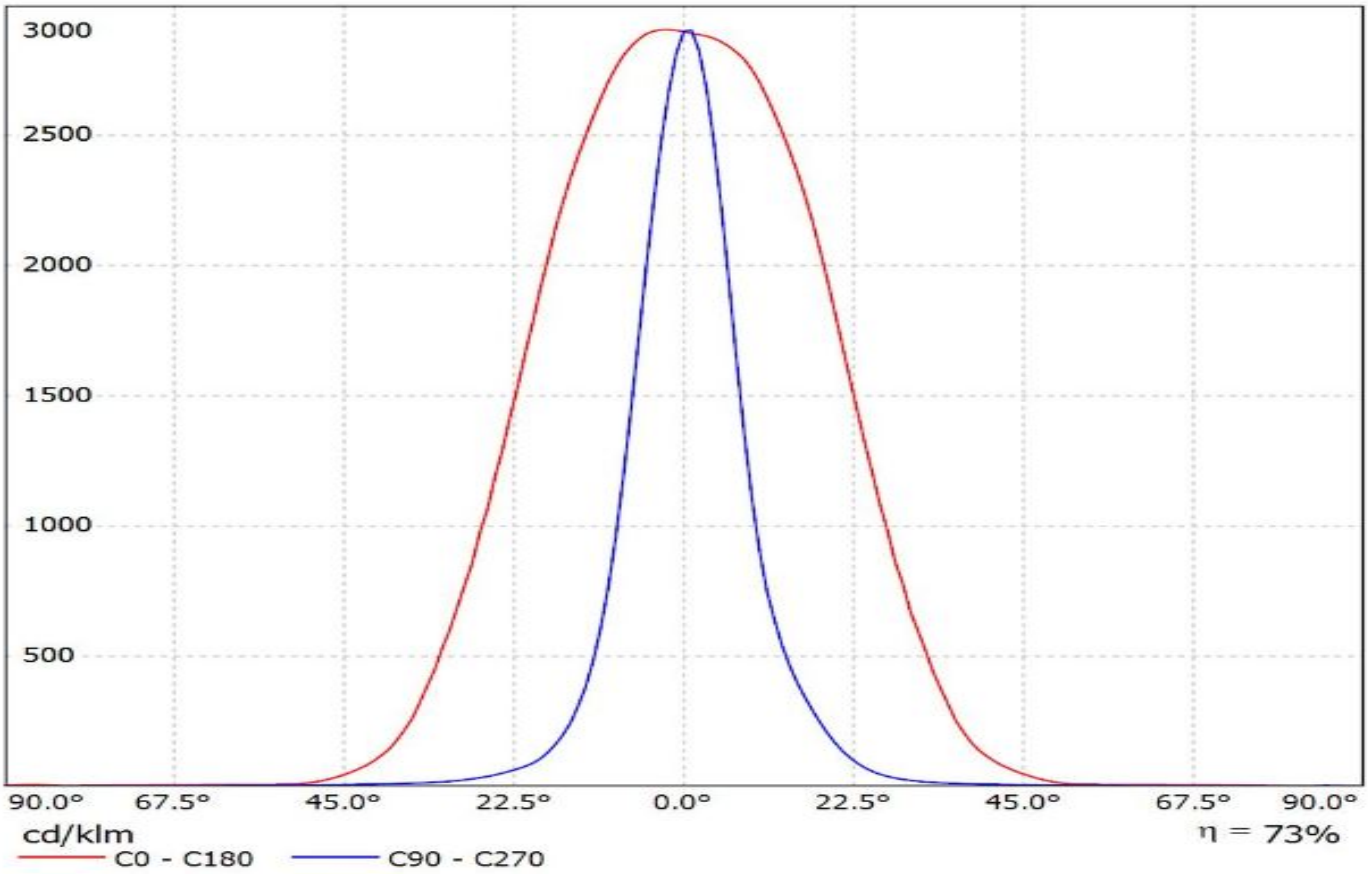
DRAWING TITLE
FLORENTINA-2x2-WHT assembly

SIZE	PART NUMBER		
A3	-		
SCALE 1:1	WEIGHT -		SHEET 1/1

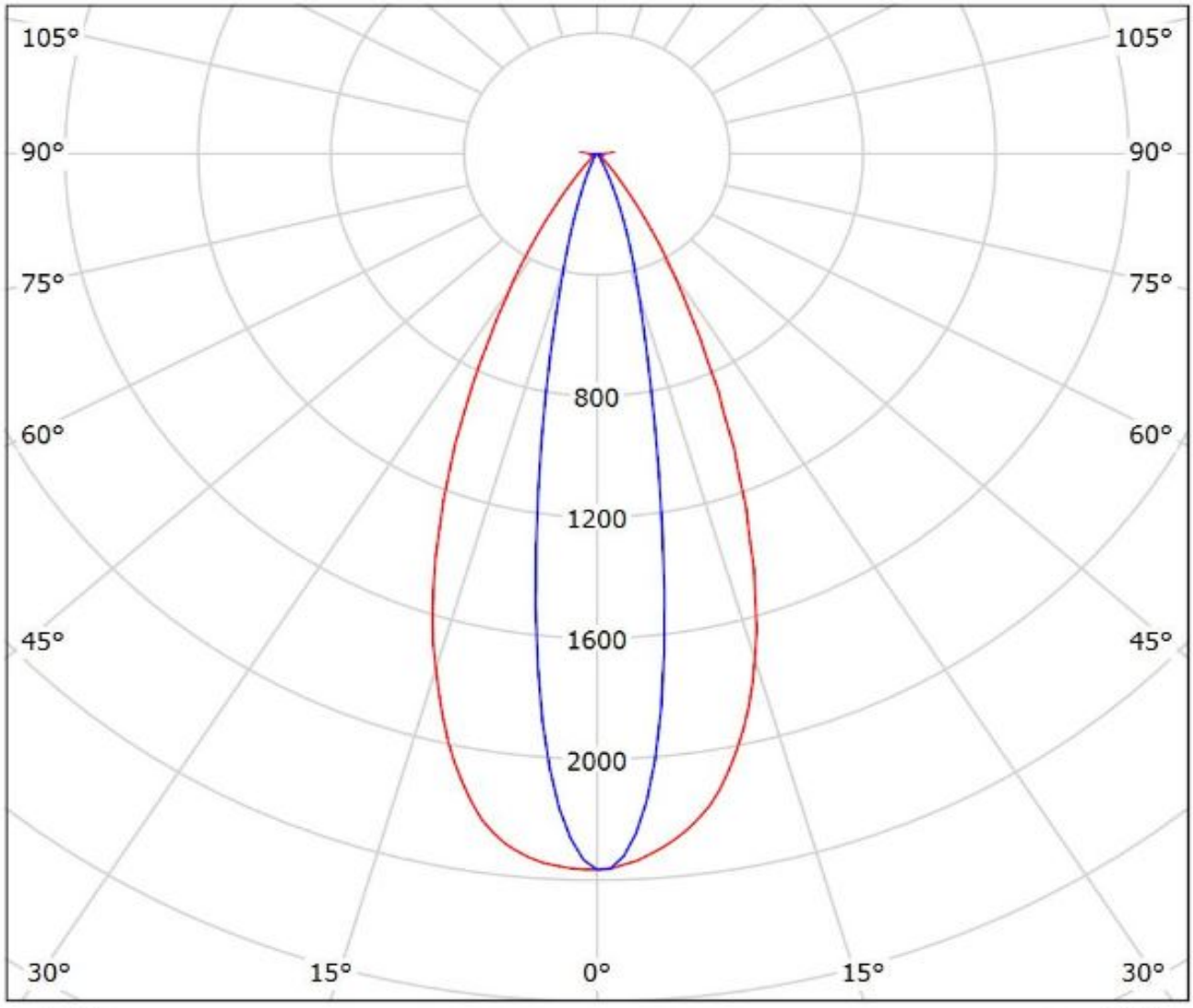
Luminaire: Ledil FC15665_FLORENTINA-2X2-O-WHT_(Luxeon_MZ)
Lamps: 1 x Luxeon_MZ_2x2_(LM29-SW30)_1110.46lm@250mA_P=11.0448W_I=0.25A



Luminaire: Ledil FC15665_FLORENTINA-2X2-O-WHT_(SQ_Gen3)
Lamps: 1 x Oslon_square_GEN3_(GW_CSSRM2.PM-MUNQ-A737-1)
_453.421lm@250mA_P=2.7755W_I=0.25A



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Lamps: 1 x Luxeon_MZ_2x2_(LM29-SW30)_1110.46lm@250mA_P=11.0448W_I=0.25A

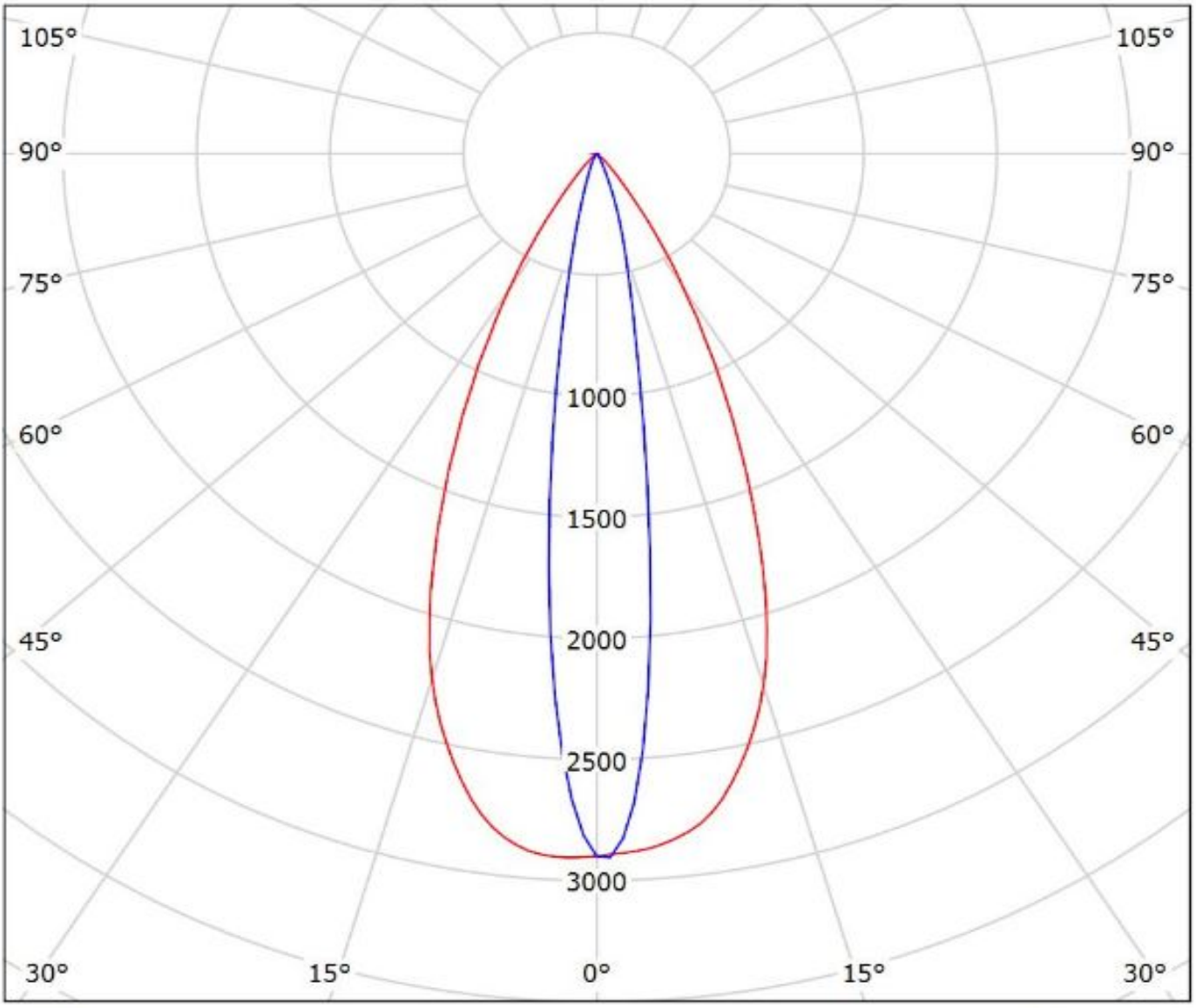


cd/klm

η = 74%

C0 - C180 C90 - C270

Luminaire: Ledil FC15665_FLORENTINA-2X2-O-WHT_(SQ_Gen3)
Lamps: 1 x Oslon_square_GEN3_(GW_CSSRM2.PM-MUNQ-A737-1)
_453.421lm@250mA_P=2.7755W_I=0.25A



cd/klm

η = 73%

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.