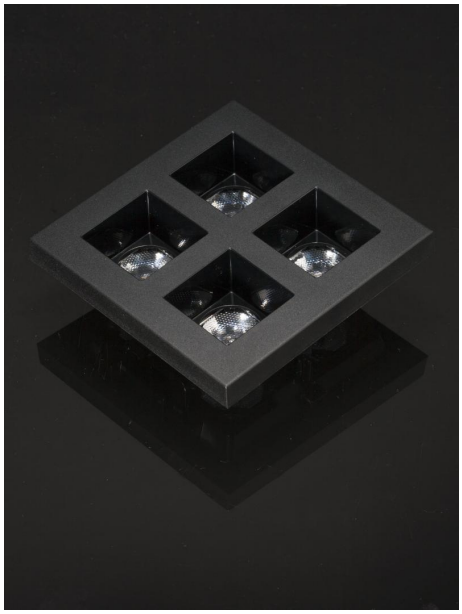
PRODUCT DATASHEET
Florentina series
last update 23/1/2018

DETAILS



Product Number	FC14970_FLORENTINA-2X2-SS
Family	Florentina
Type	Pack
Color	black
Diameter	95,57x95,57 mm
Height	17,72 mm
Style	square
Optic Material	PC,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
XP-L	20 deg	Smooth spo...	79 %	5.400	-
XHP35 HD	21 deg	Smooth spo...	82 %	4.700	-
LUXEON MZ	20 deg	Smooth spo...	80 %	5.900	-
Oslon Square EC	17 deg	Smooth spo...	83 %	7.600	-
Oslon Square Gen3	16 deg	Smooth spo...	78 %	7.700	-

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24240 SALO, Finland

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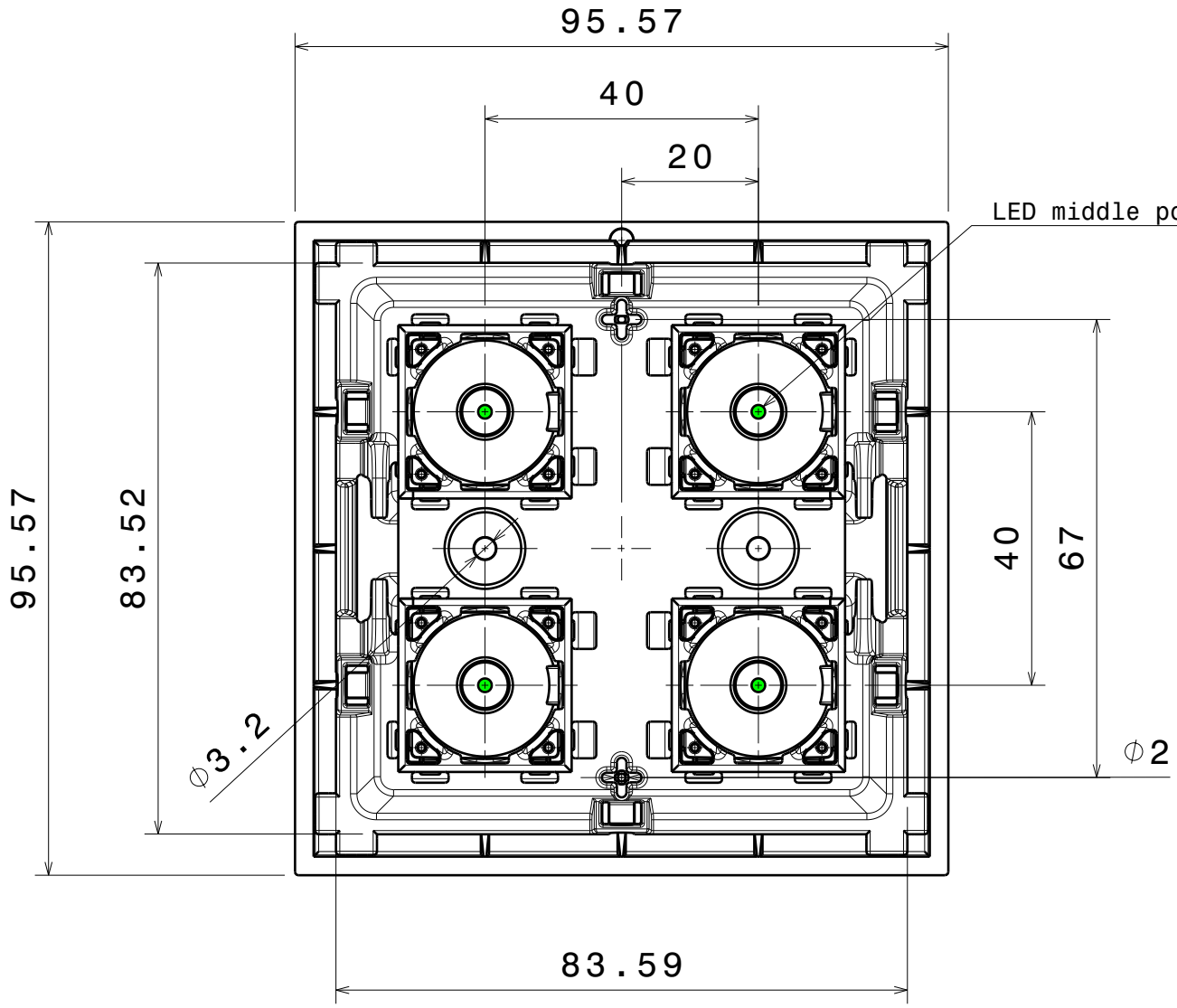

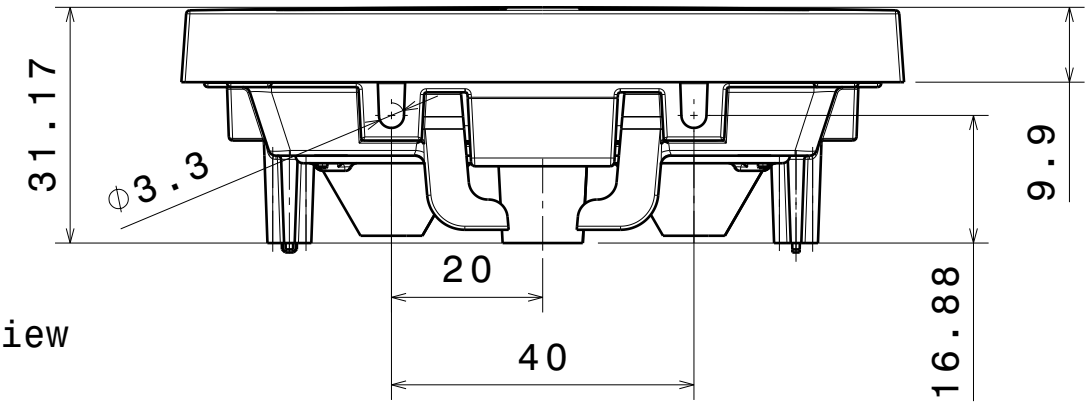

Side view

INDEX	PART NO	DESCRIPTION	MATERIAL	COL
1	-	CMC / MRK lenses	-	
2	C14734	FLORENTINA-2X2-SHD	PC	bl
3	C14735	FLORENTINA-2X2-HLD	PC	bl

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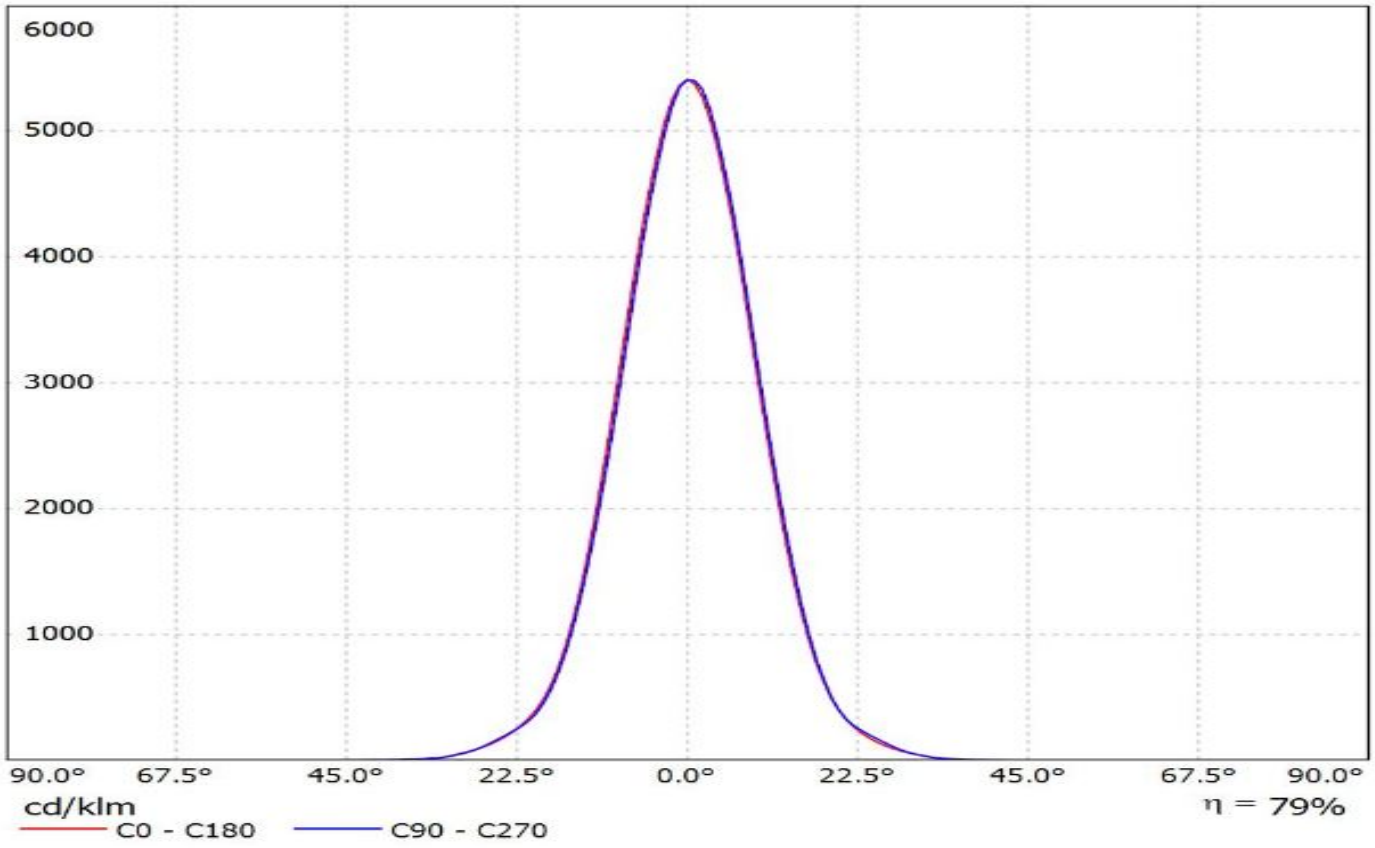
Ledil FC14970_FLORENTINA-2X2-SS_(XP-L) / LDC (Linear)

Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(XP-L)
Lamps: 1 x CREE_XP-L_2x2MX_(XPLAWT-0-1B0-V40-00-0001)_515.493lm@250mA_P=2.8W_I=0.25A



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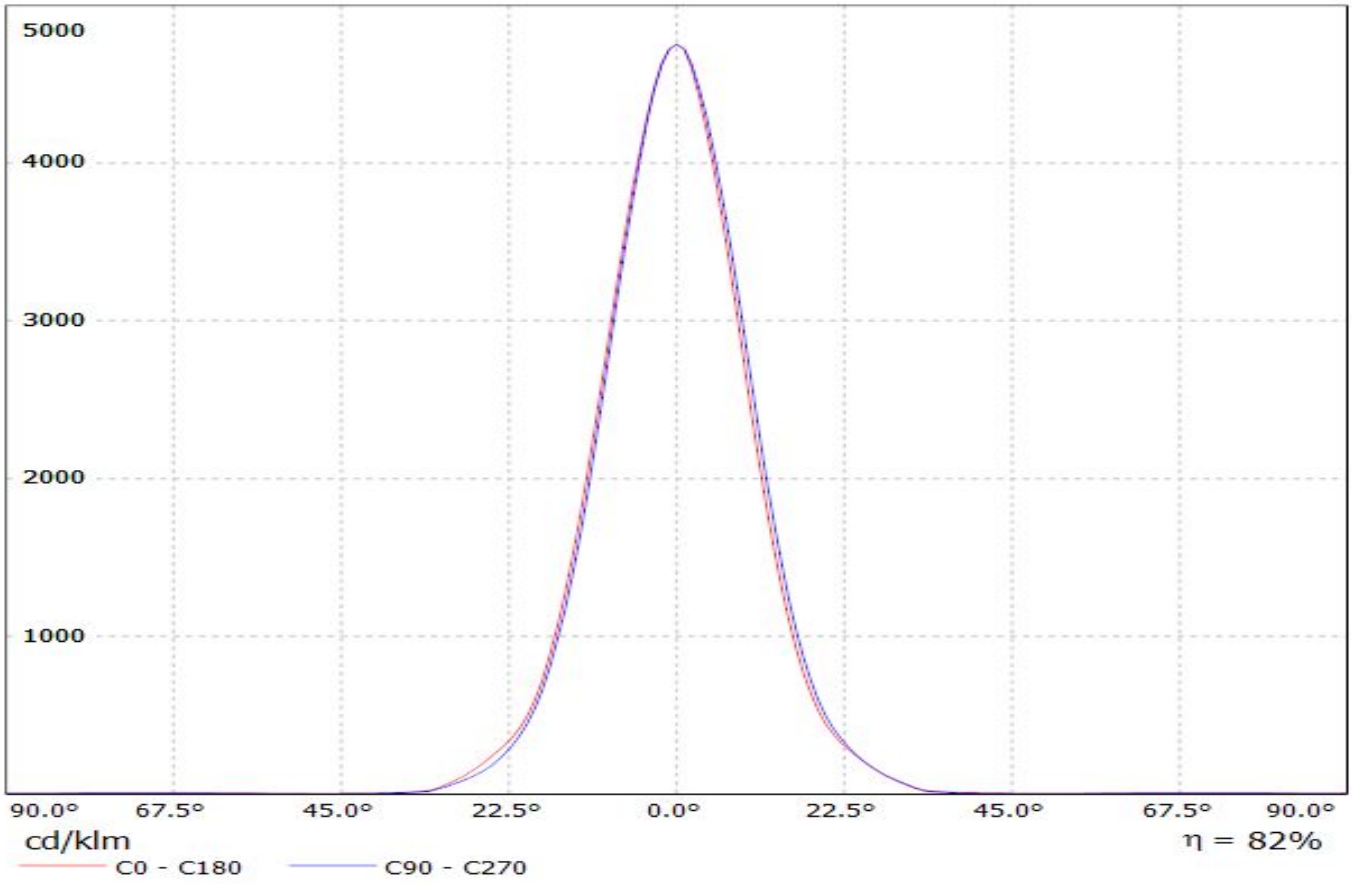
Luminaire: LEDiL Oy FC14971_FLORENTINA-2X2-RS_(XHP35-HD)
Lamps: 1 x XHP35-HD_(XHP35A-0-2D0-D40-D0-B-01)_1705.7lm@250mA_P=11.219W_I=0.250A



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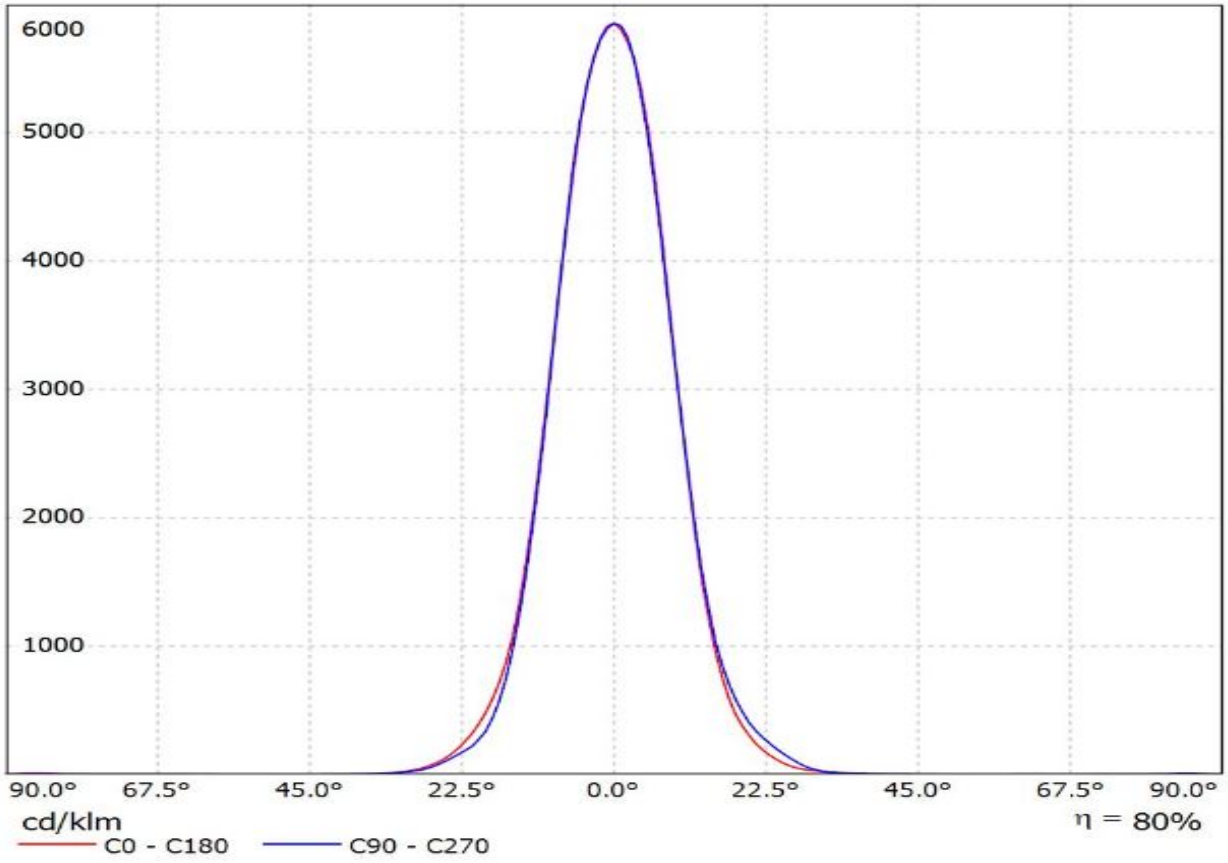
Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(Luxeon_MZ)
Lamps: 1 x Luxeon_MZ_2x2_(LM29-SW30)_1110.46lm@250mA_P=11.0448W_I=0.25A



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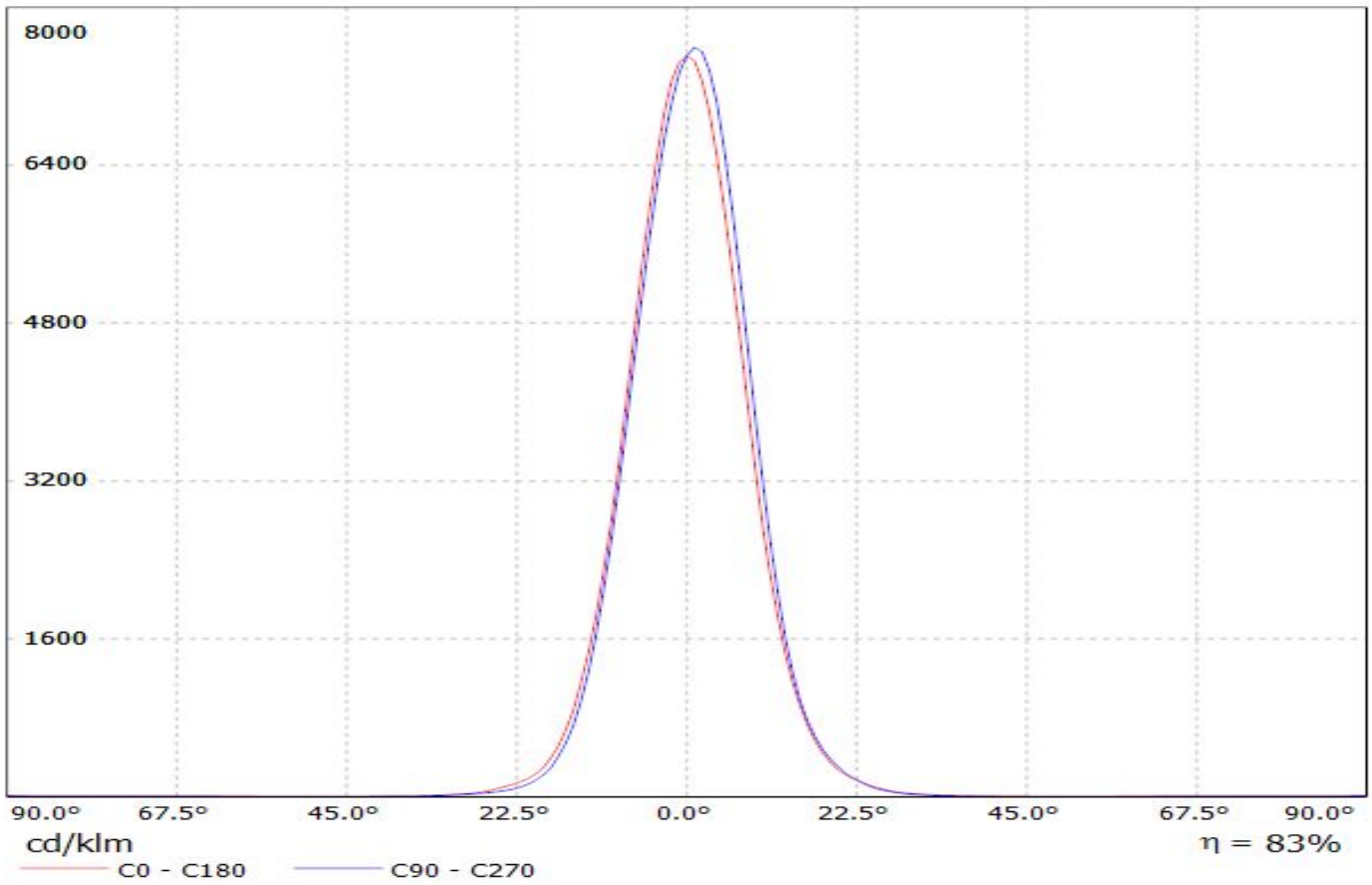
Luminaire: LEDiL Oy FC14970_FLORENTINA-2X2-SS_(Oslon_Square)
Lamps: 1 x Oslon_Square_328.682lm@250mA_P=2.79276W_I=0.250A



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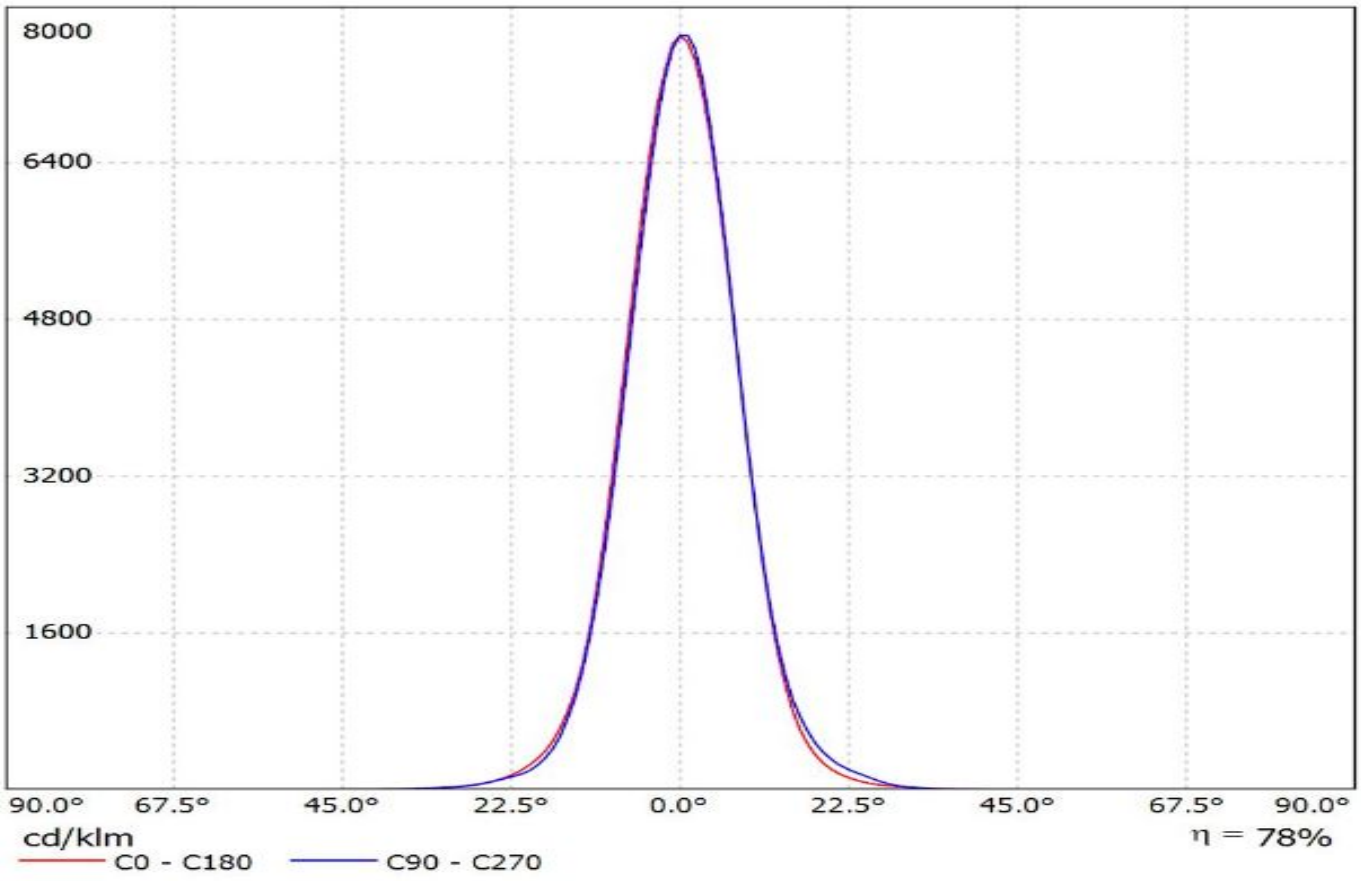
Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(SQ_Gen3)
Lamps: 1 x Oslon_square_GEN3_(GW_CSSRM2.PM-MUNQ-A737-1)
_453.421lm@250mA_P=2.7755W_I=0.25A



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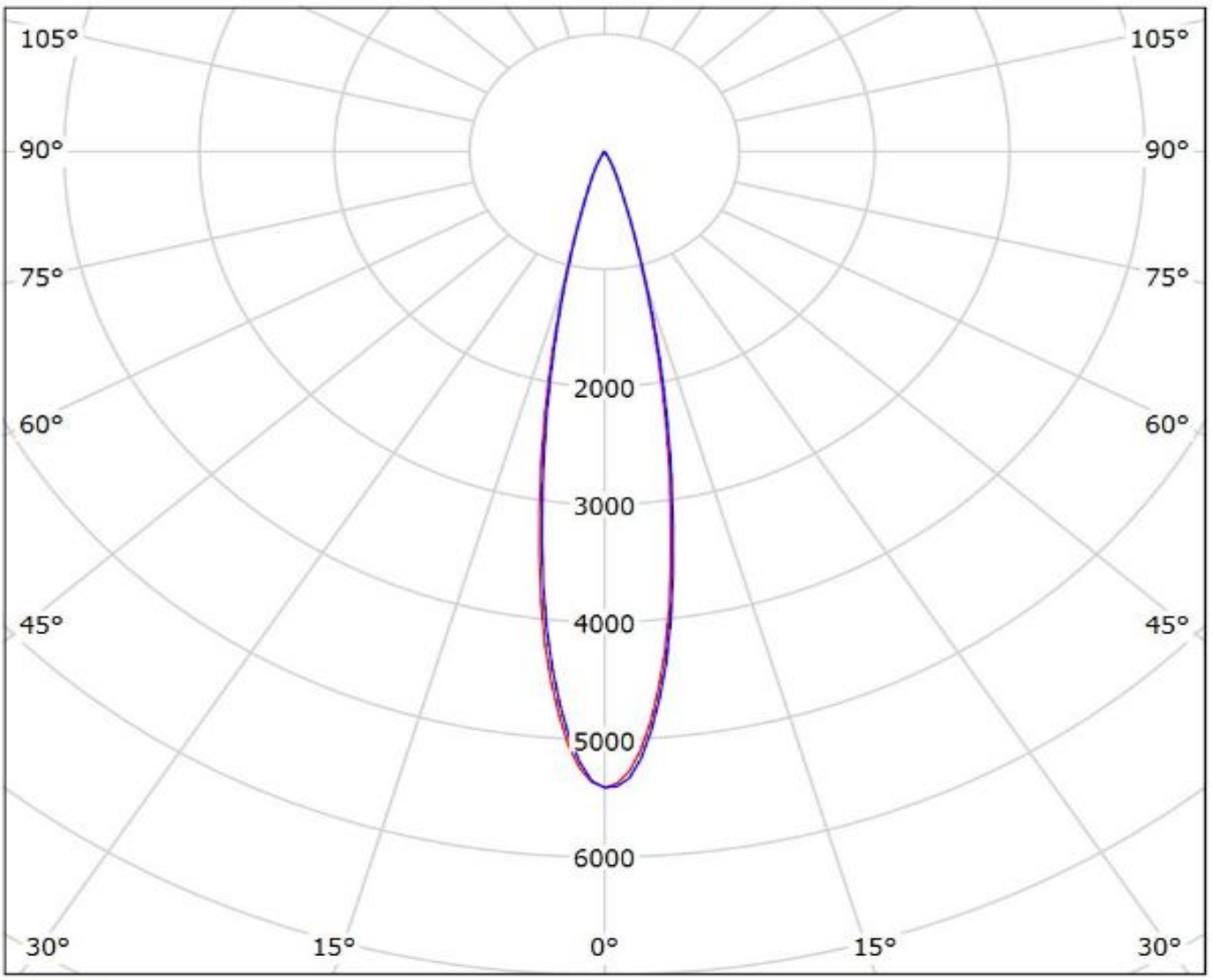
Ledil FC14970_FLORENTINA-2X2-SS_(XP-L) / LDC (Polar)

Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(XP-L)
Lamps: 1 x CREE_XP-L_2x2MX_(XPLAWT-0-1B0-V40-00-0001)_515.493lm@250mA_P=2.8W_I=0.25A



cd/klm

η = 79%

C0 - C180 C90 - C270

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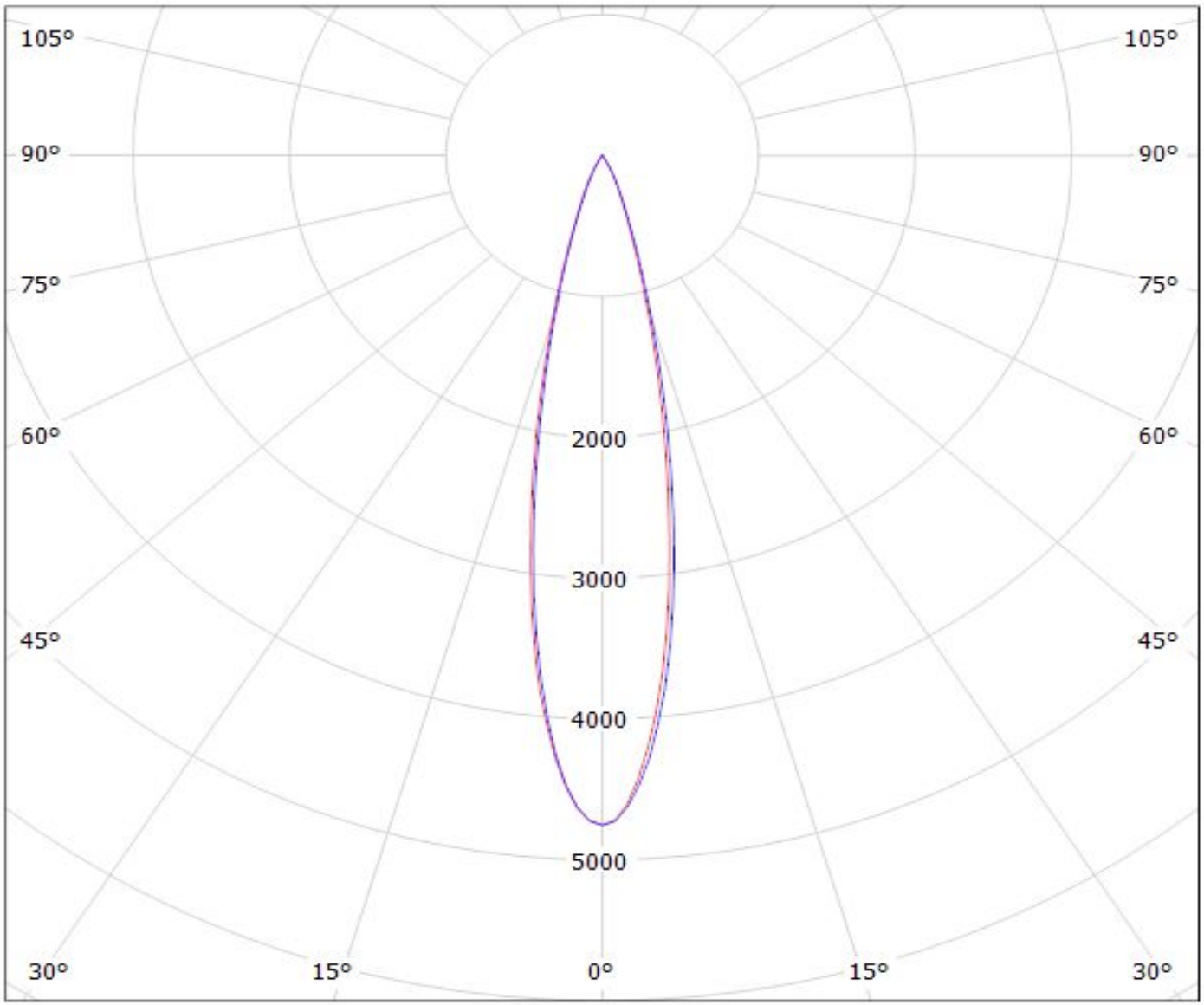
Luminaire: LEDiL Oy FC14971_FLORENTINA-2X2-RS_(XHP35-HD)
Lamps: 1 x XHP35-HD_(XHP35A-0-2D0-D40-D0-B-01)_1705.7lm@250mA_P=11.219W_I=0.250A



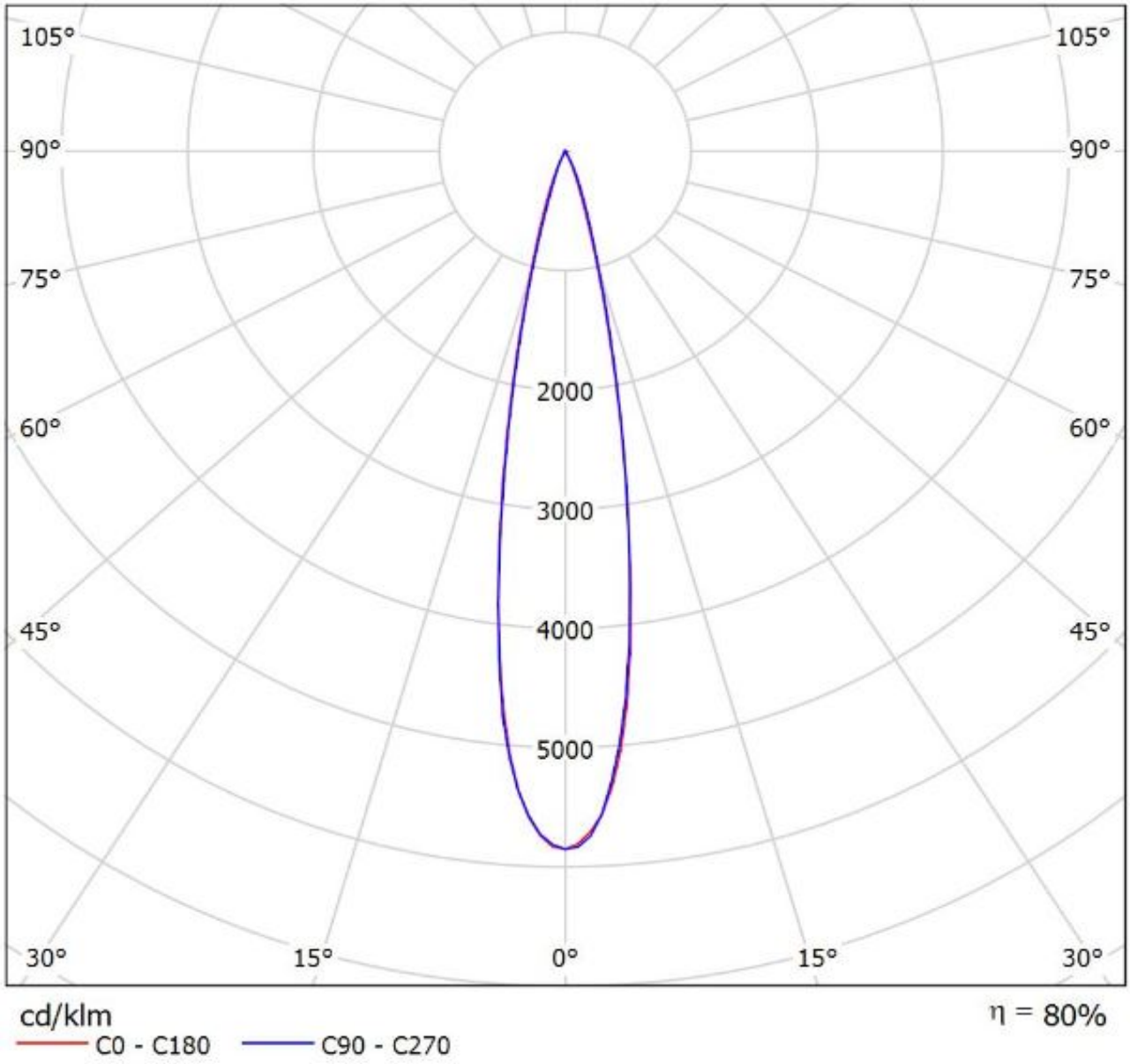
cd/klm

η = 82%

C0 - C180 C90 - C270

Downloaded from Arrow.com.

Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(Luxeon_MZ)
Lamps: 1 x Luxeon_MZ_2x2_(LM29-SW30)_1110.46lm@250mA_P=11.0448W_I=0.25A



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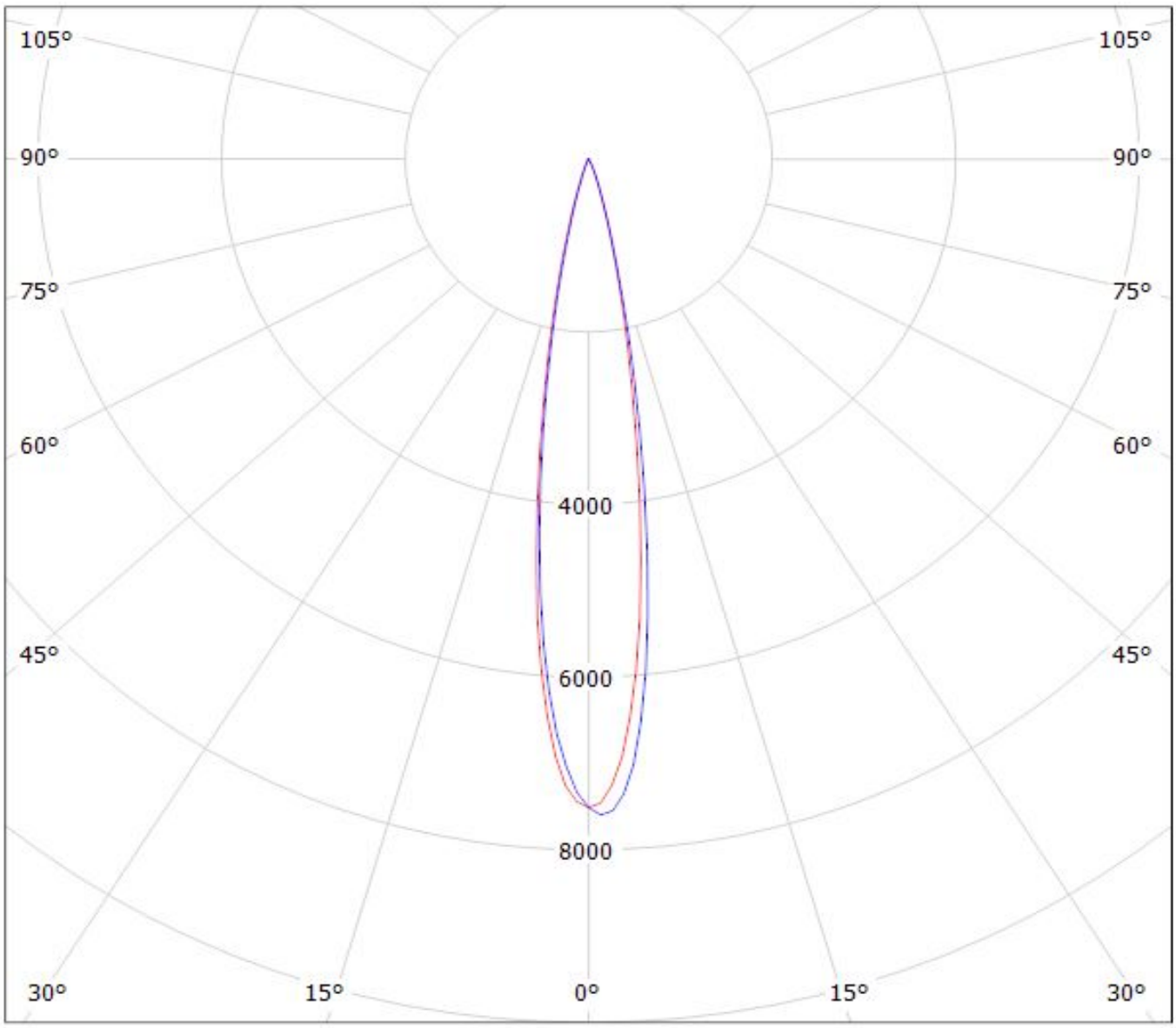
Luminaire: LEDiL Oy FC14970_FLORENTINA-2X2-SS_(Oslon_Square)
Lamps: 1 x Oslon_Square_328.682lm@250mA_P=2.79276W_I=0.250A



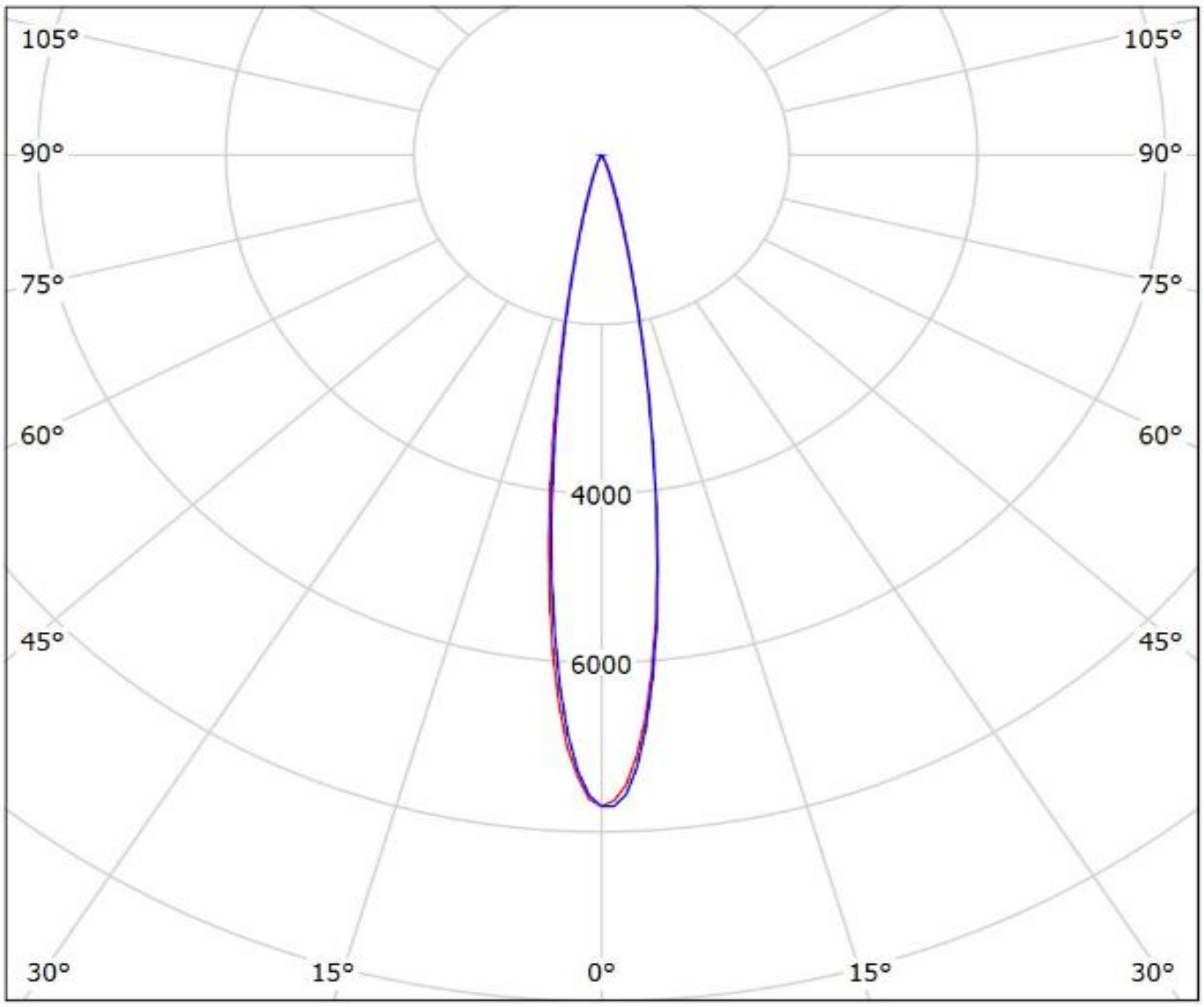
cd/klm

η = 83%

C0 - C180 C90 - C270

Downloaded from Arrow.com.

Luminaire: Ledil FC14970_FLORENTINA-2X2-SS_(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
C0 - C180
C90 - C270
η = 78%

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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.

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