



PRODUCT DATASHEET

Florentina series

last update 20/9/2016

DETAILS

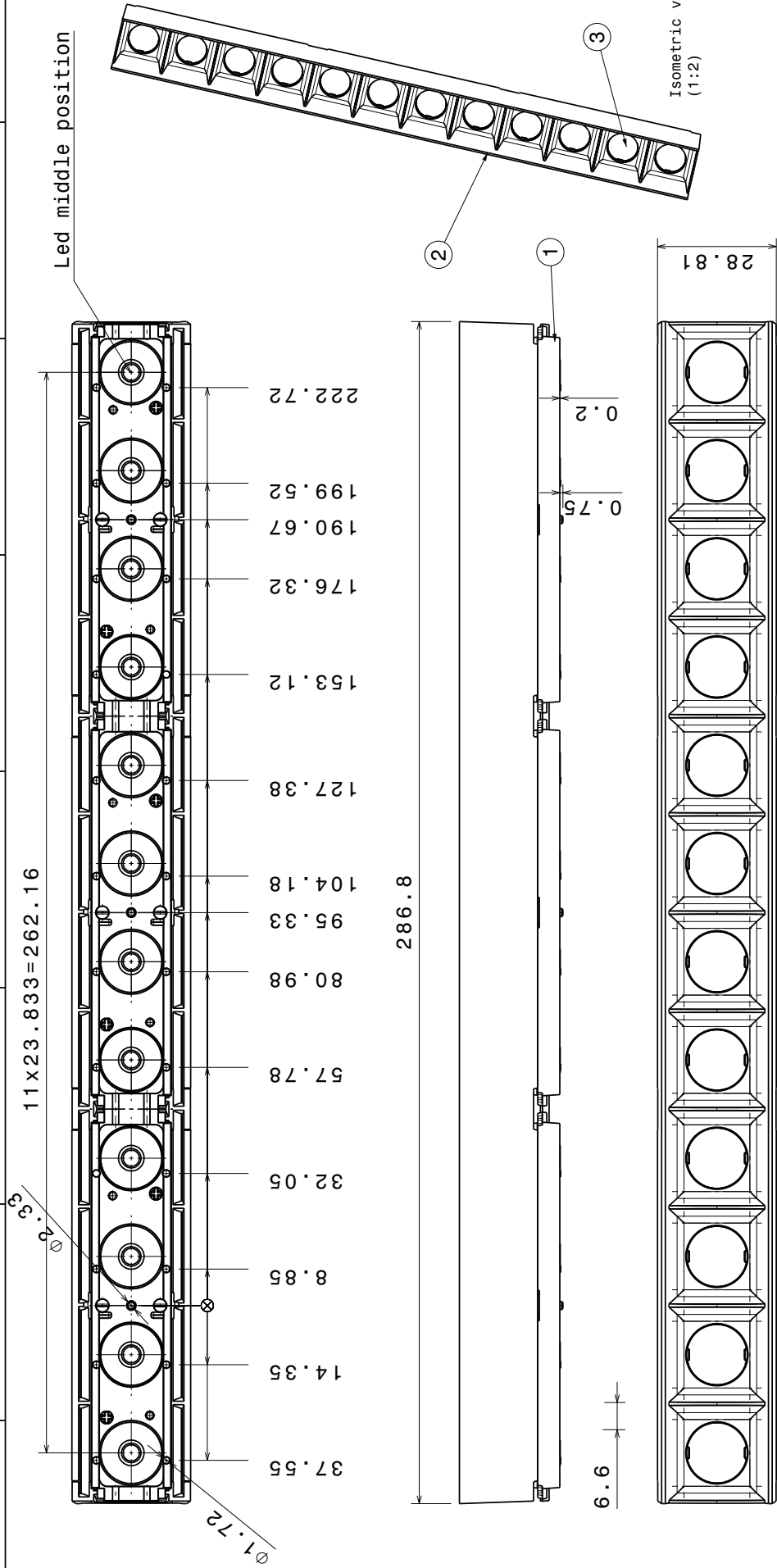
Product Number	FC15004_FLORENTINA-WW
Family	Florentina
Type	Assembly
Color	black
Diameter	28,81x286,8 mm
Height	25,1 mm
Style	rectang
Optic Material	
Holder Material	
Fastening	
Status	production ready
ROHS Comliant	Yes
Date Updated	20/09/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XP-E2	52 deg	Very Wide	77 %	1.100	-
XP-G2	59 deg	Very Wide	78 %	0.900	-
H35C1 (LEMWA33)	56 deg	Very Wide	77 %	0.970	-
LUXEON Rebel Plus	40 deg	Very Wide	79 %	1.300	-
LUXEON TX	41 deg	Very Wide	78 %	1.300	-
LUXEON Rebel ES	46 deg	Very Wide	77 %	1.200	-
LUXEON Z ES	33 deg	Very Wide	80 %	1.580	-
NCSxx19B	38 deg	Very Wide	76 %	1.400	-
NVSxx19B/NVSxx19C	46 deg	Very Wide	74 %	1.130	-
Oslon SSL 80	47 deg	Very Wide	75 %	sim: 1.100	-
Oslon Square EC	57 deg	Very Wide	76 %	0.950	-
Oslon SSL 150	37 deg	Very Wide	79 %	1.500	-
LH351B	64 deg	Very Wide	77 %	0.820	-
TL1L4	48 deg	Very Wide	78 %	1.130	-

H G F E D C B A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14446	FLORENTINA-SHD	PC Makroilon 2407	black
2	C14445	FLORENTINA-HLD	PC Makroilon 2407	black
3	F11007	TINA-WW(12pcs)	PMMA	clear

LEDIL
 Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

DRAWING TITLE
 FC15004_FLORENTINA - WW

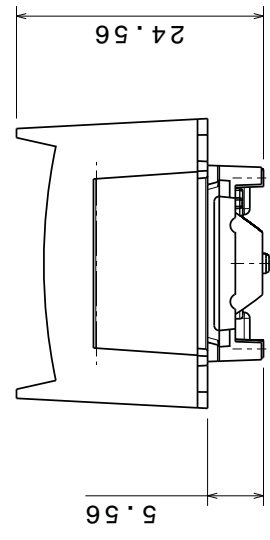
SIZE PART NUMBER
 A3 FC15004

SCALE 1:1 **WEIGHT** 69,3 g **SHEET** 1/1

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 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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Scale 2:1

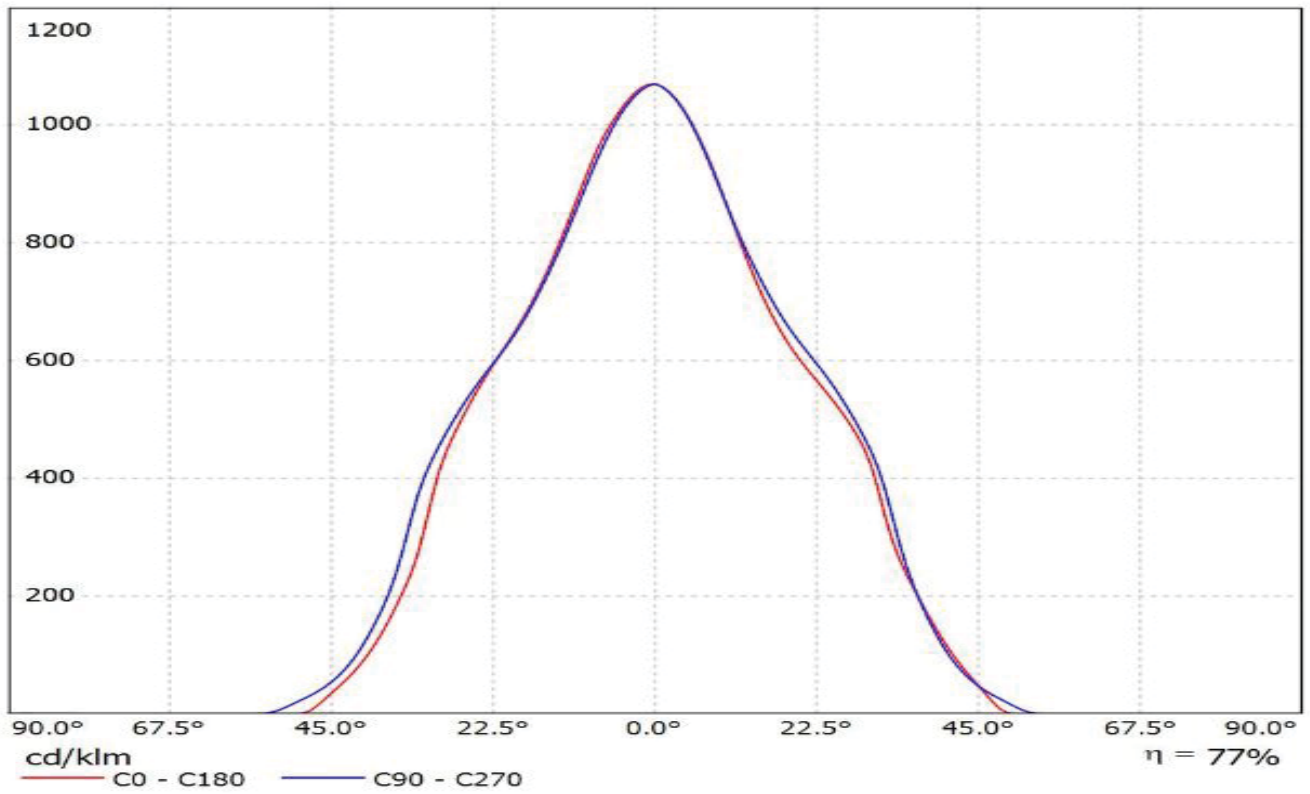
H G F E D C B A

4 3 2 1

Ledil FC15004_FLORENTINA-WW_(XP-E2) / LDC (Linear)

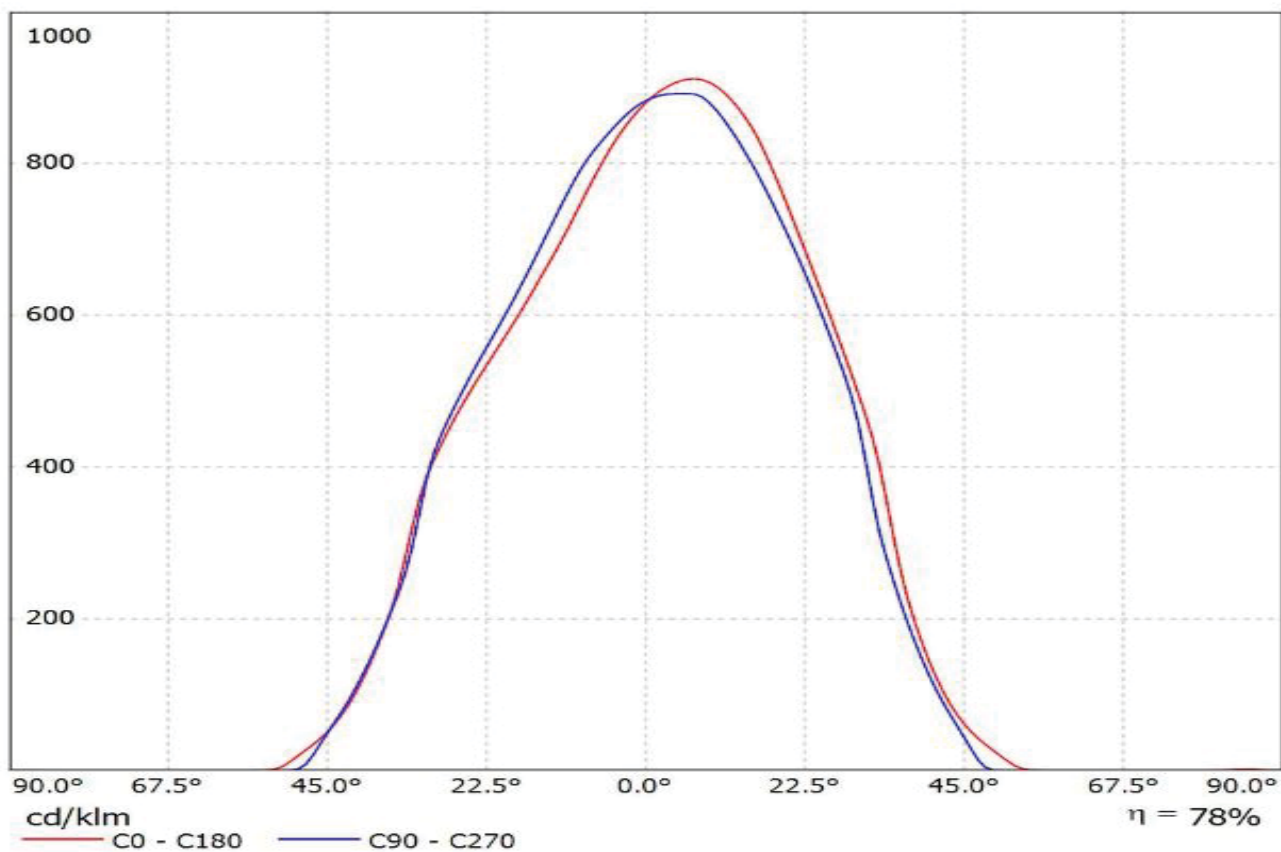
Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-E2)

Lamps: 1 x Cree_XP-E2_x12_(XPEBWT-H1-7A2-Q3-0-03)_919.369lm@250mA_P=8.6517W_η=0.25A

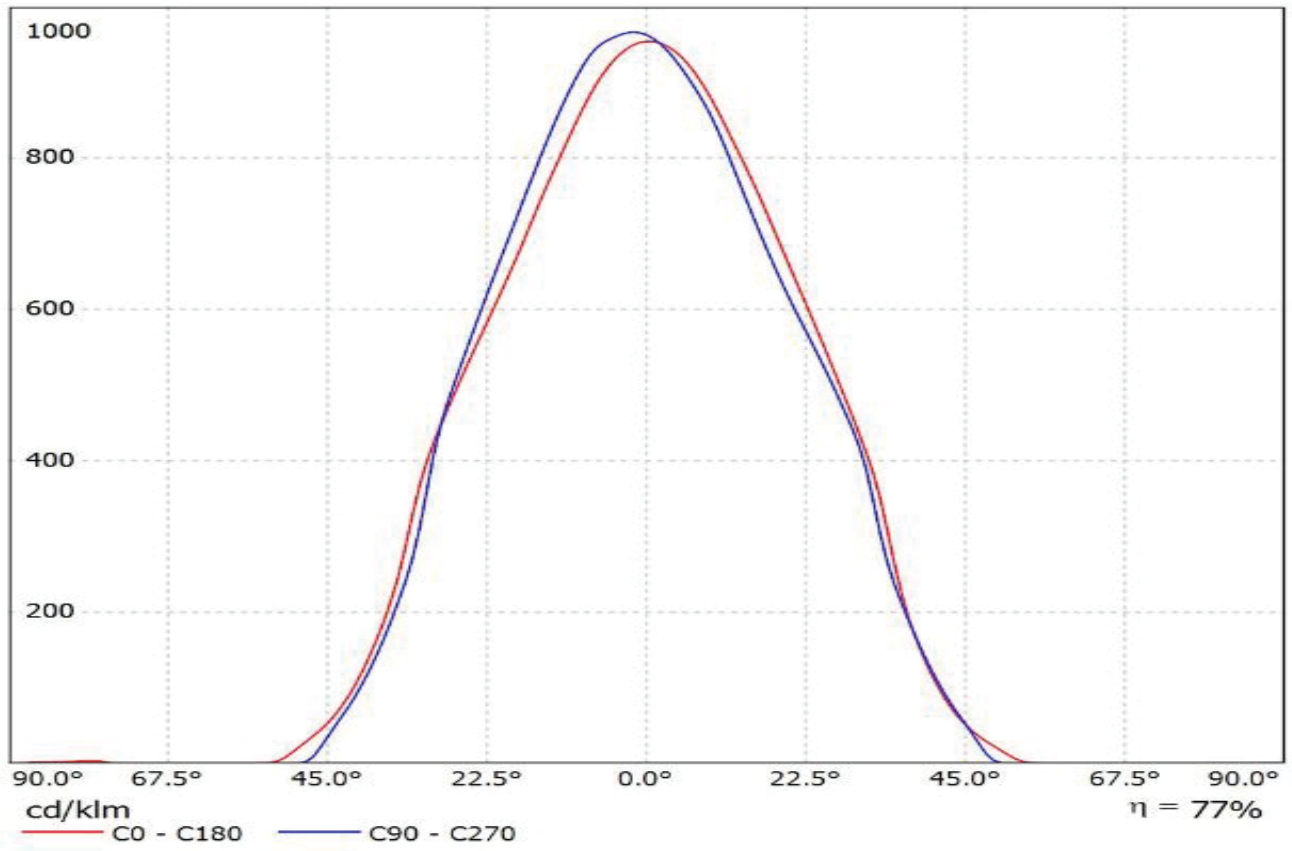


Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-G2)

Lamps: 1 x Cree_XP-G2_(XPGBWT-01-4A0-R3-0-01)_1166.49lm@250mA_P=8.4705W_I=0.25A



Luminaire: Ledil FC15004_FLORENTINA-WW_(LG_H35C1)
Lamps: 1 x LG_H35C1_x12_1386.4lm@250mA_P=8.5608W_I=0.25A

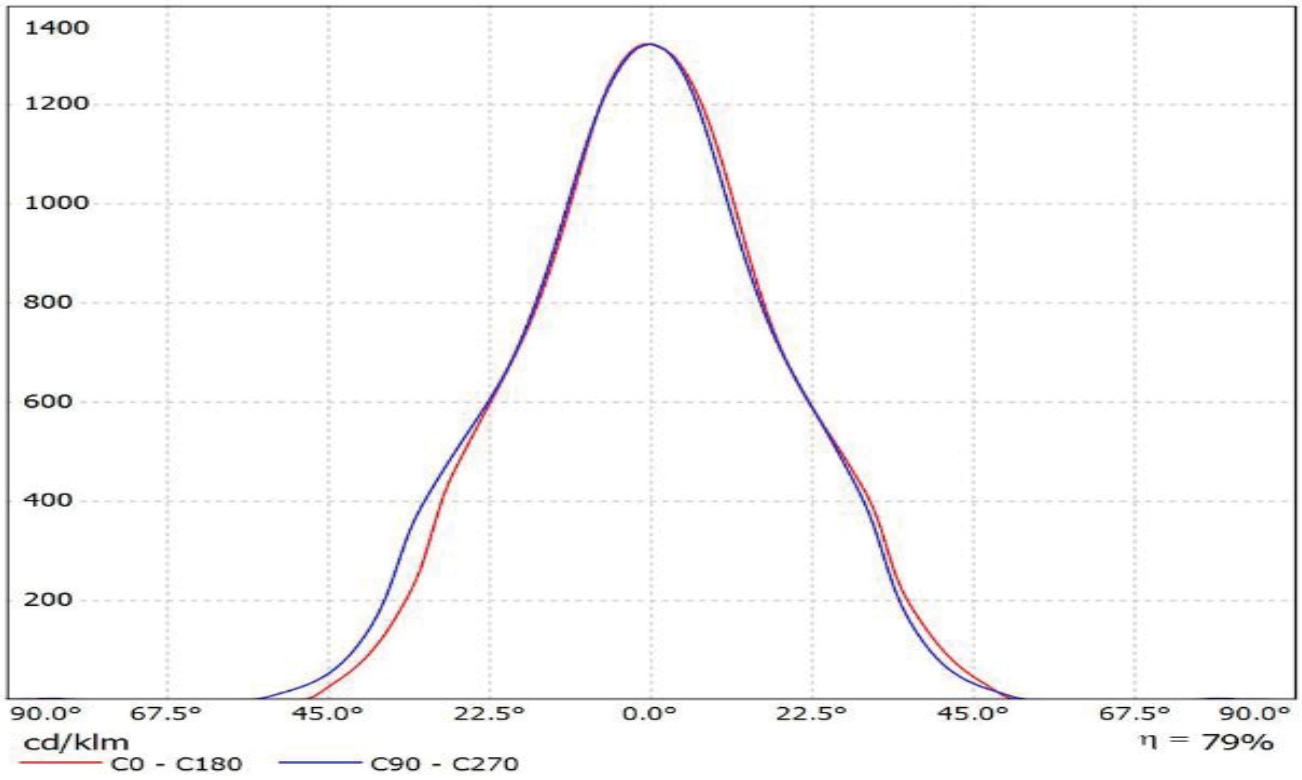


Ledil FC15004_FLORENTINA-WW_(Rebel_Plus) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_Plus)

Lamps: 1 x Luxeon_Rebel_Plus_x12_(LX18-P140-3)

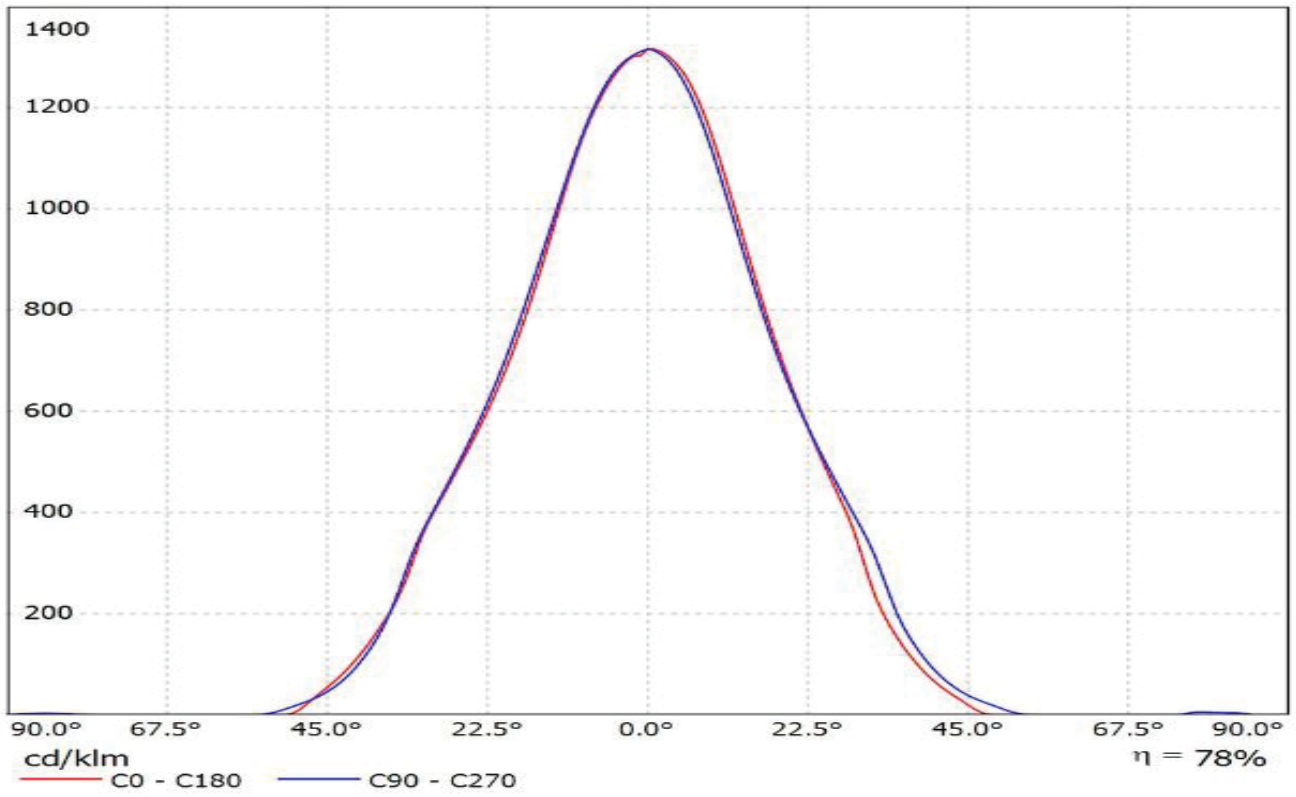
_1023.73lm@250mA_CCT=4000K_P=8.4525W_I=0.25A



Ledil FC15004_FLORENTINA-WW_(Luxeon_TX) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_TX)

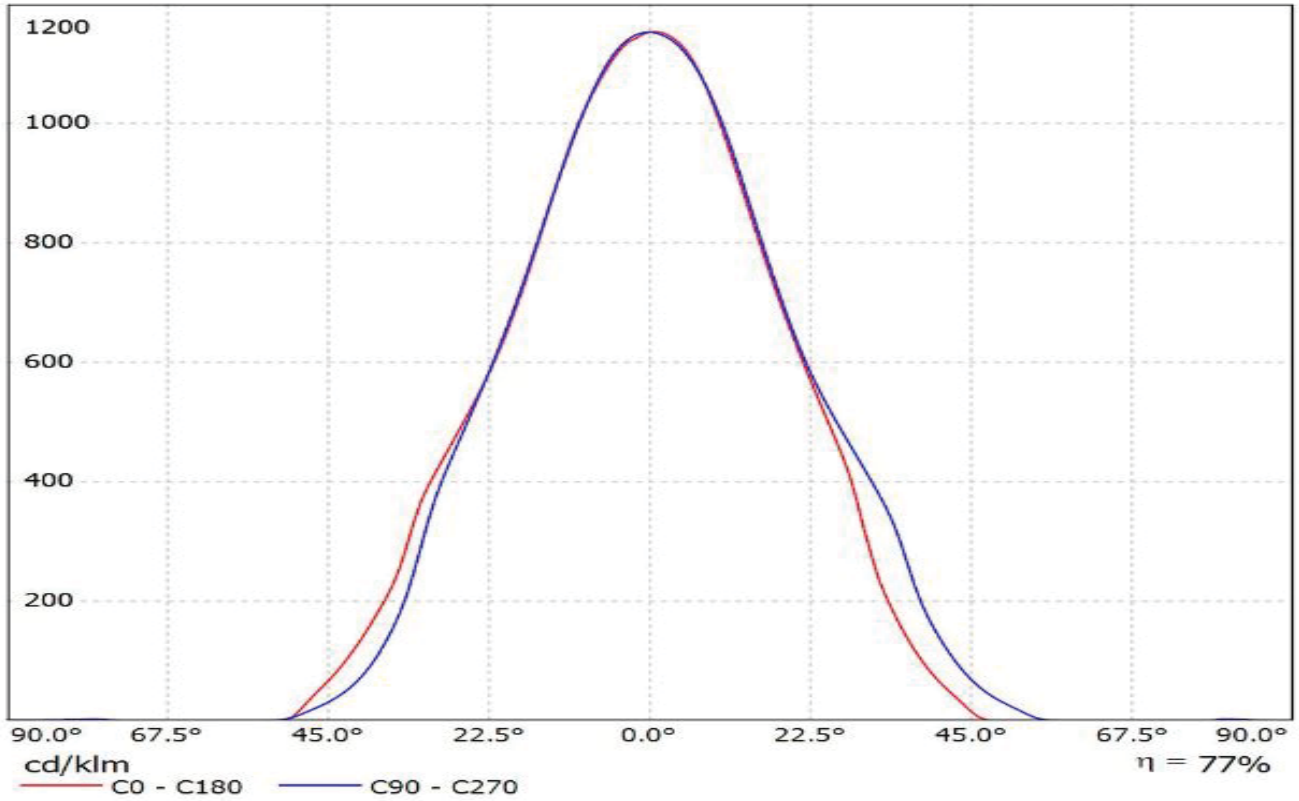
Lamps: 1 x Luxeon_TX_x12_(L1T2-5770)_1350.11lm@250mA_CCT=5700K_P=8.3223W_I=0.25A



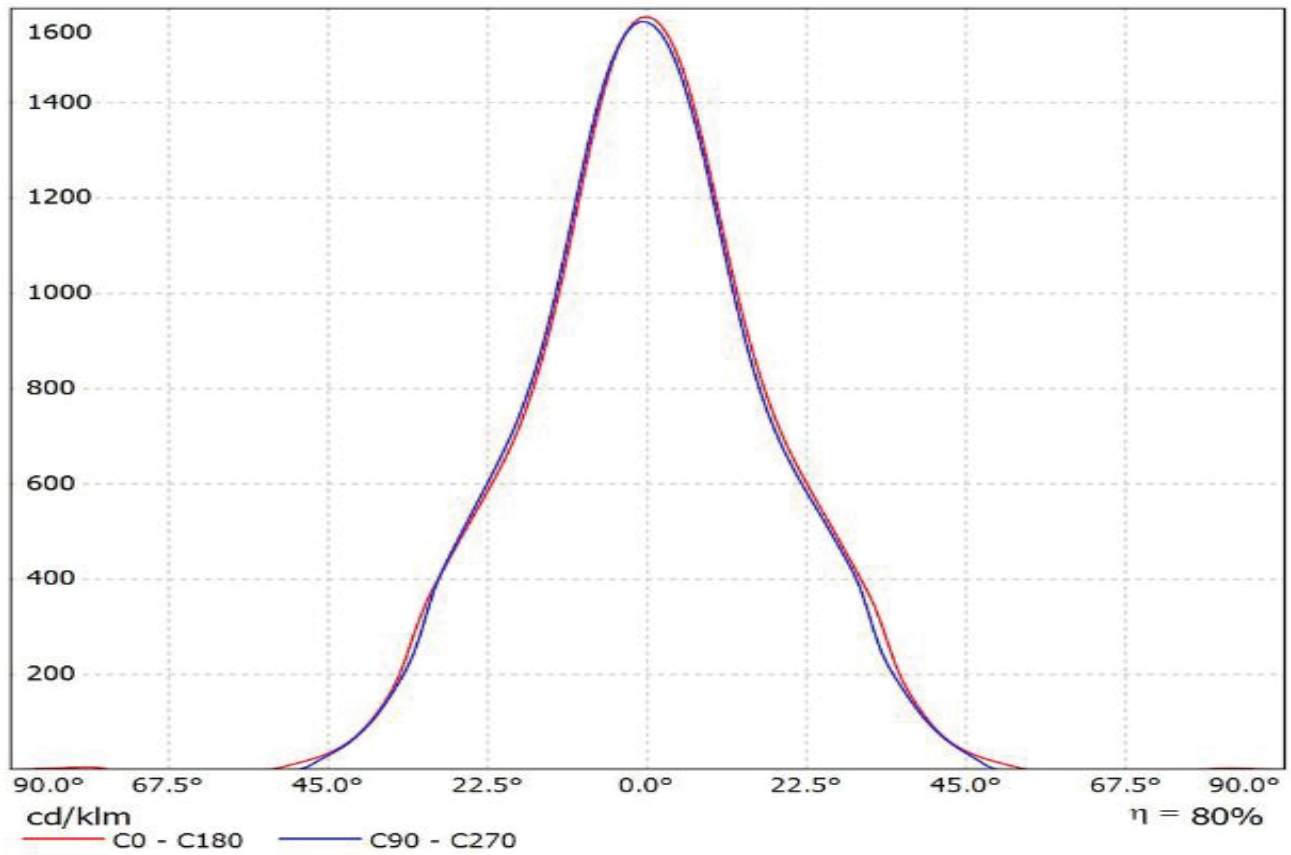
Ledil FC15004_FLORENTINA-WW_(Rebel_ES) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_ES)

Lamps: 1 x Luxeon_Rebel_ES_x12_(LXML-PWC2)_1133.87lm@250mA_P=8.6613W_I=0.25A



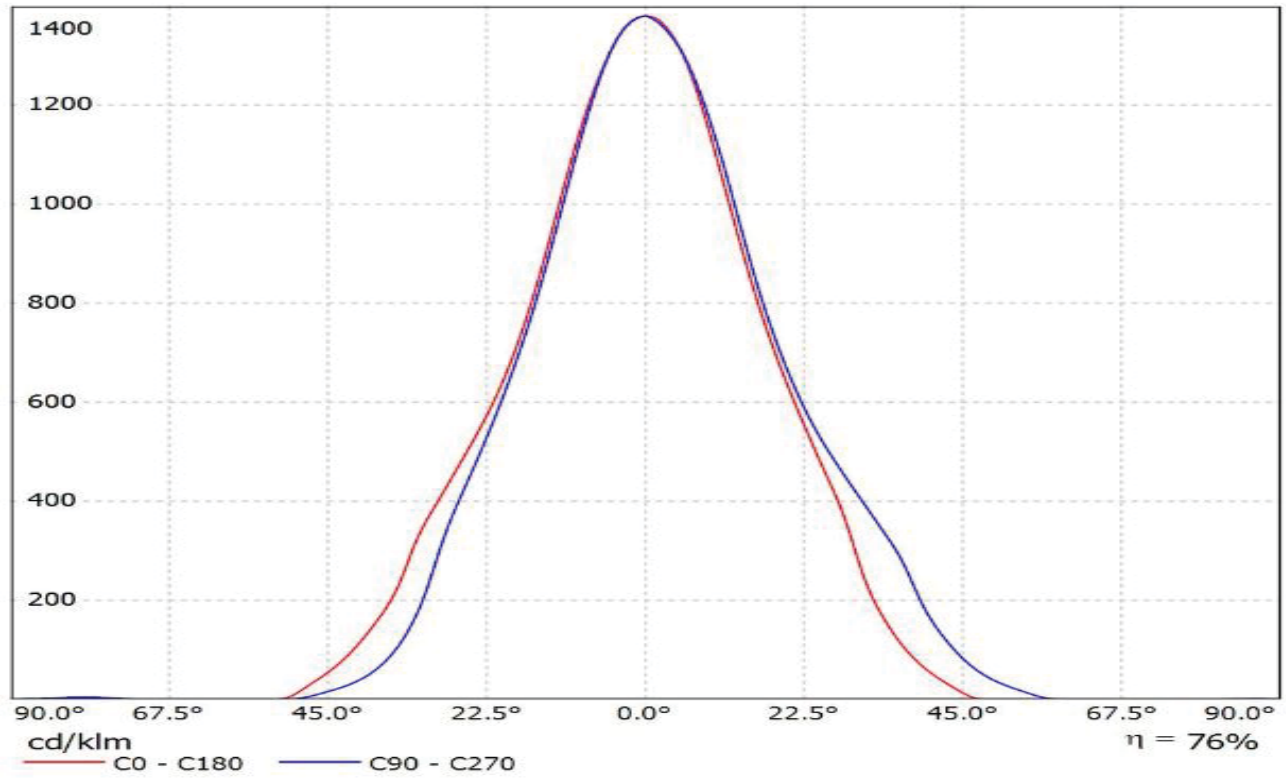
Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_Z-ES)
Lamps: 1 x Luxeon_Z-ES_x12_934.806@250mA_P=8.3W_I=0.25A



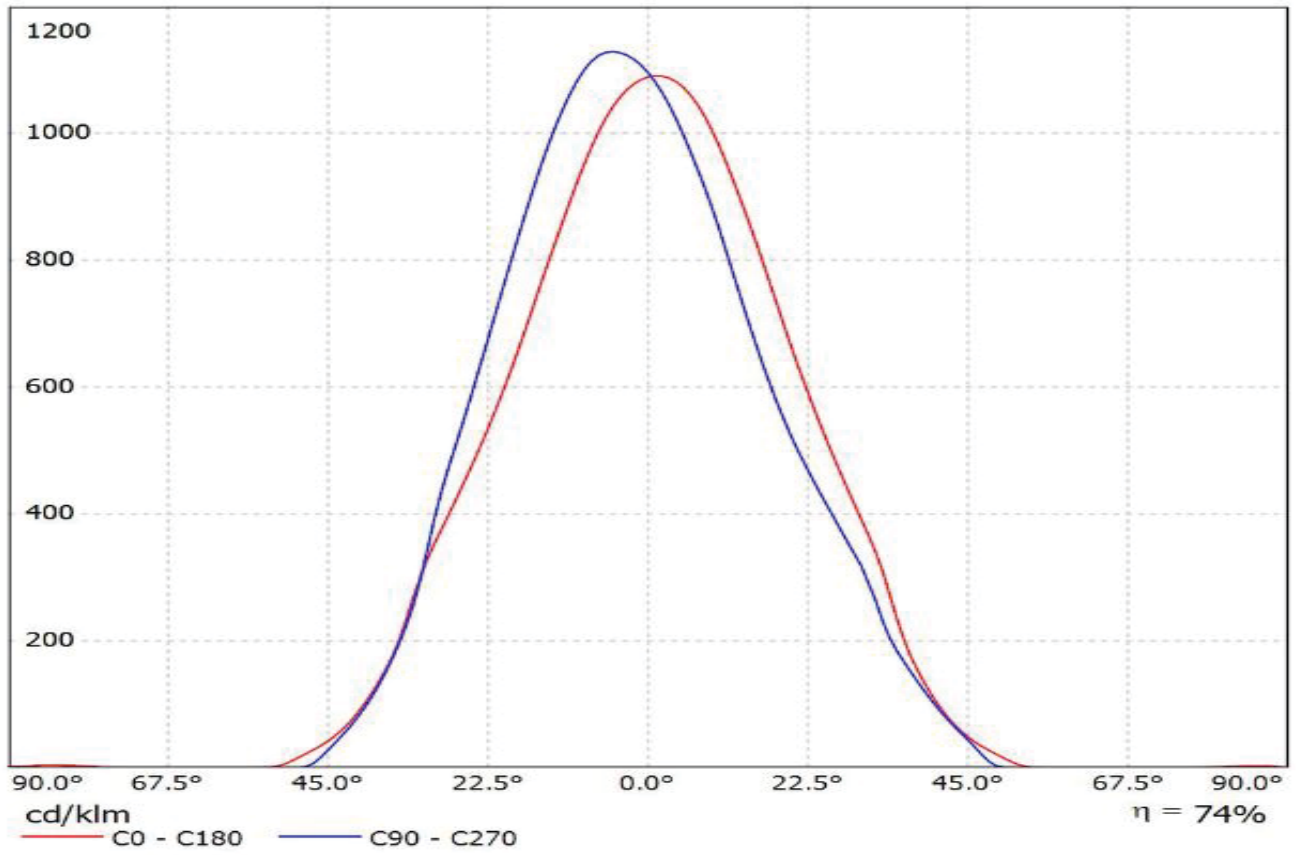
Ledil FC15004_FLORENTINA-WW_(NCSxx19B) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(NCSxx19B)

Lamps: 1 x Nichia_NCSxx19B_x12_(NCSL219B)_936.422lm@250mA_P=8.9525W_I=0.25A



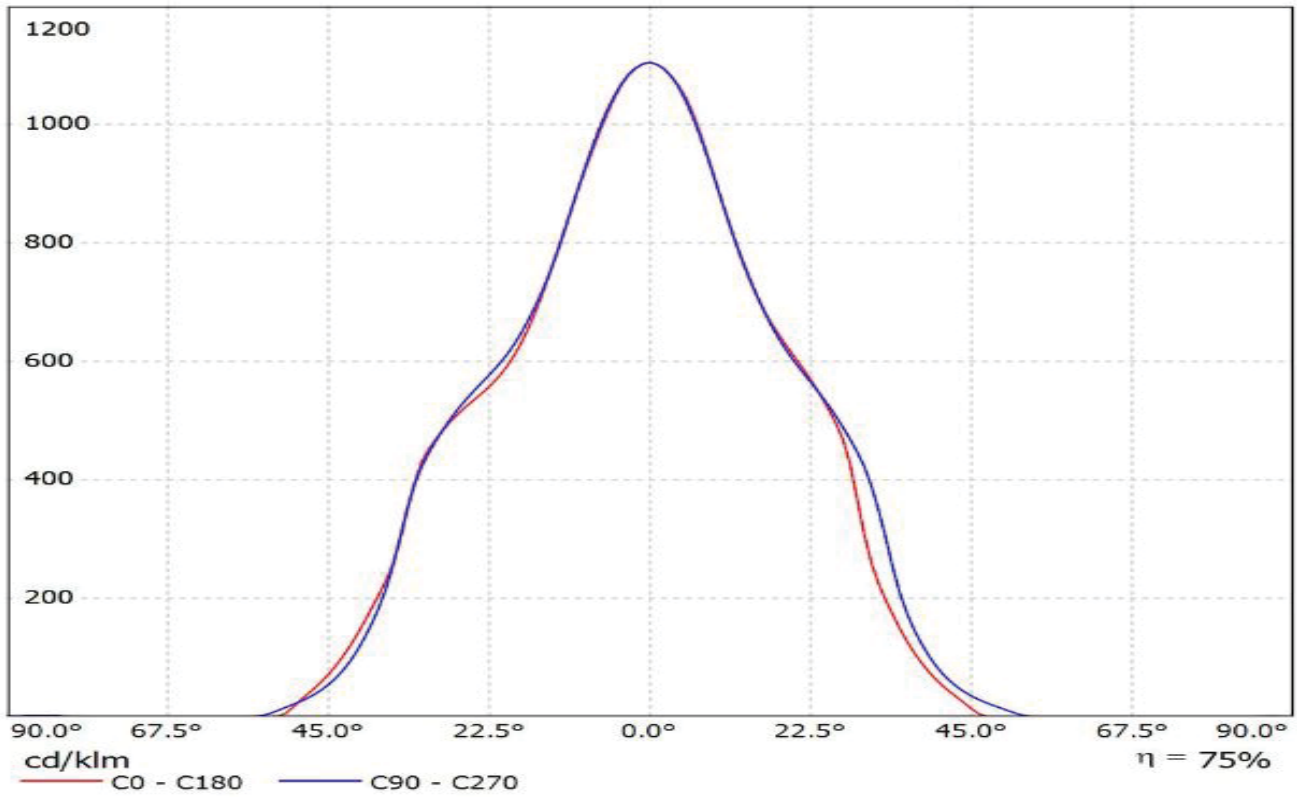
Luminaire: Ledil FC15004_FLORENTINA-WW_(NVSL219B)
Lamps: 1 x Nichia_NVSL219B_x12_1040.35@250mA_P=8.6165W_I=0.25A



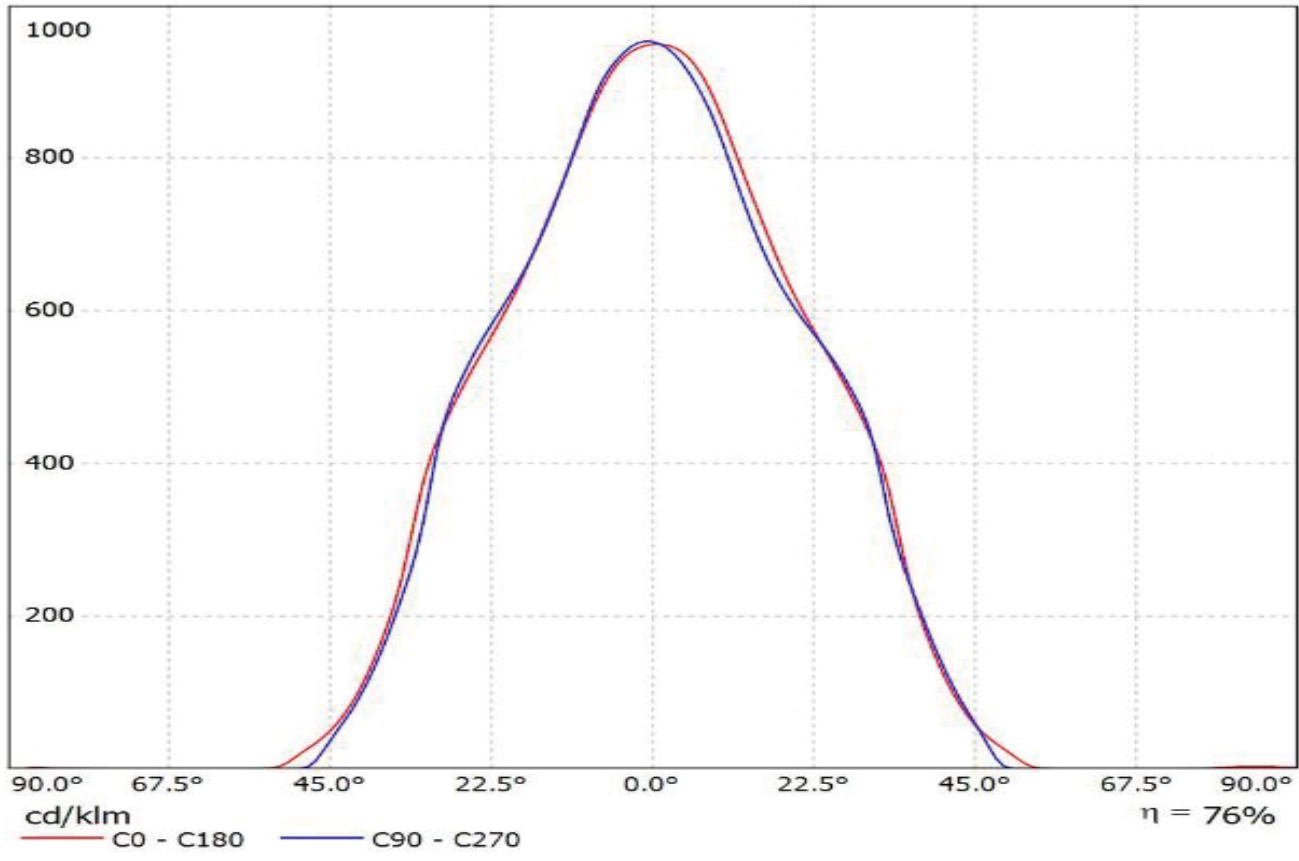
Ledil FC15004_FLORENTINA-WW_(SSL80) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW (SSL80)

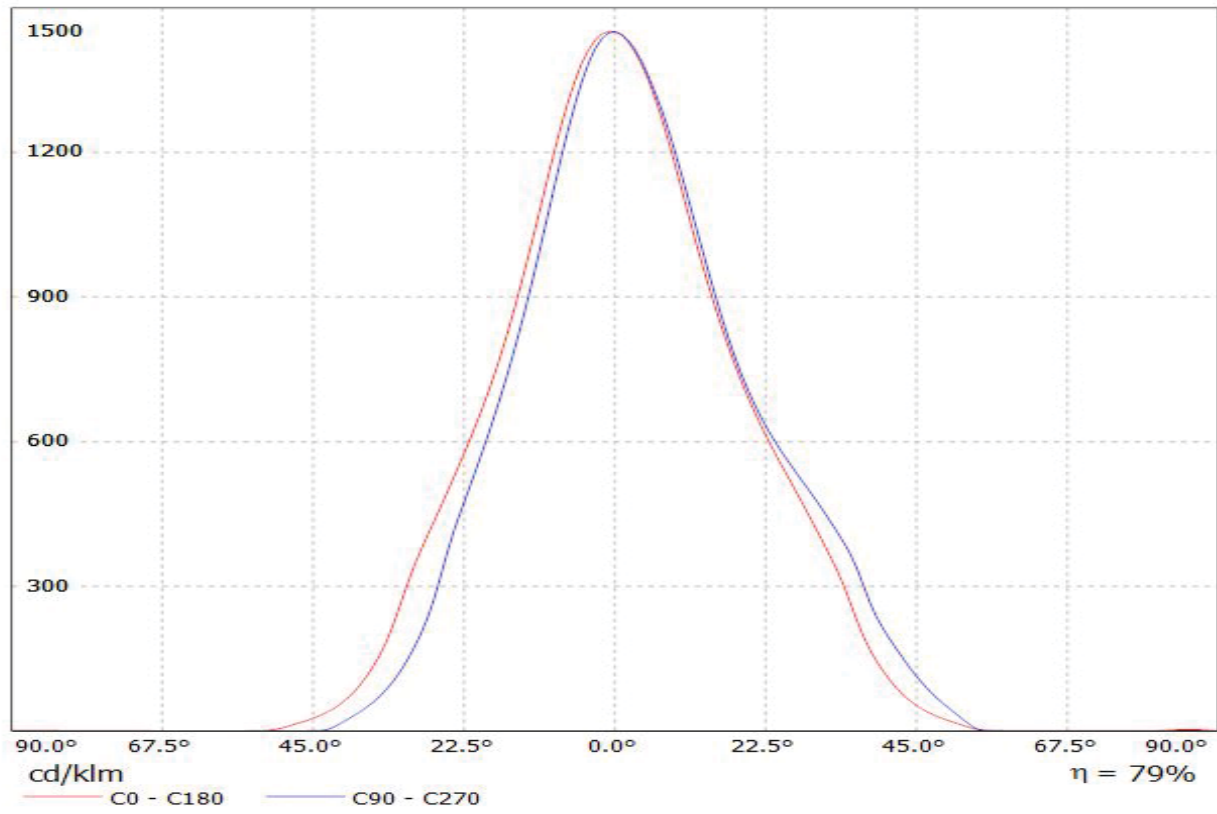
Lamps: 1 x Oslon_SSL80_x12_(LCW_CQ7P.ĚC)_826.663lm@250mA_P=9.3033W_I=0.25A



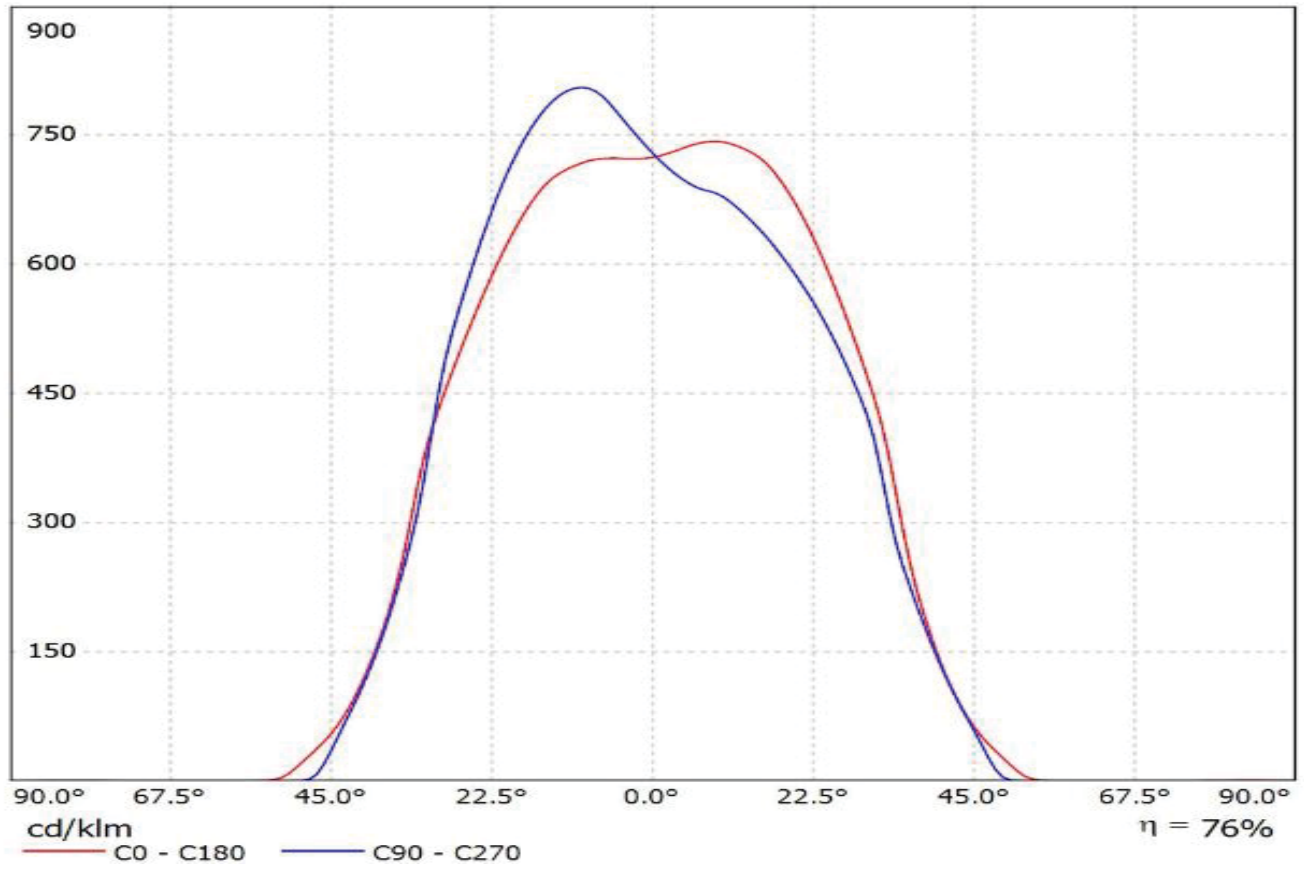
Luminaire: Ledil FC15004_FLORENTINA-WW_(SQ-EC)
Lamps: 1 x OSLO_N_SQUARE-EC_x12_1046.45lm@250mA_P=8.3193W_I=0.25A



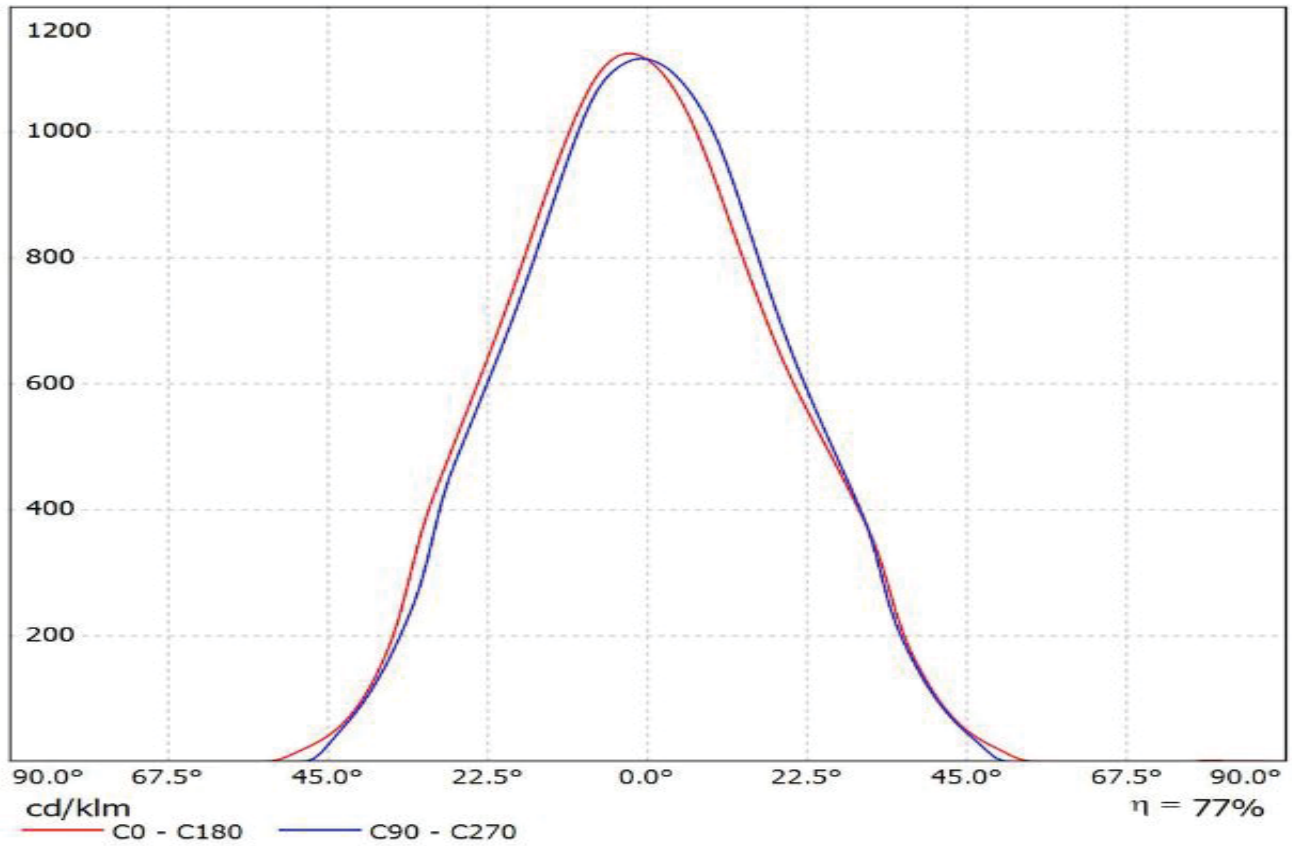
Luminaire: Ledil FC15004-FLORENTINA-WW_(SSL150)
Lamps: 1 x Oslon_SSL150_995.439lm@250mA_P=8.4375W_I=0.25A



Luminaire: Ledil FC15004_FLORENTINA-WW_(LH351B)
Lamps: 1 x Samsung_LH351B_x12_1310.26@250mA_P=8.4105W_I=0.25A



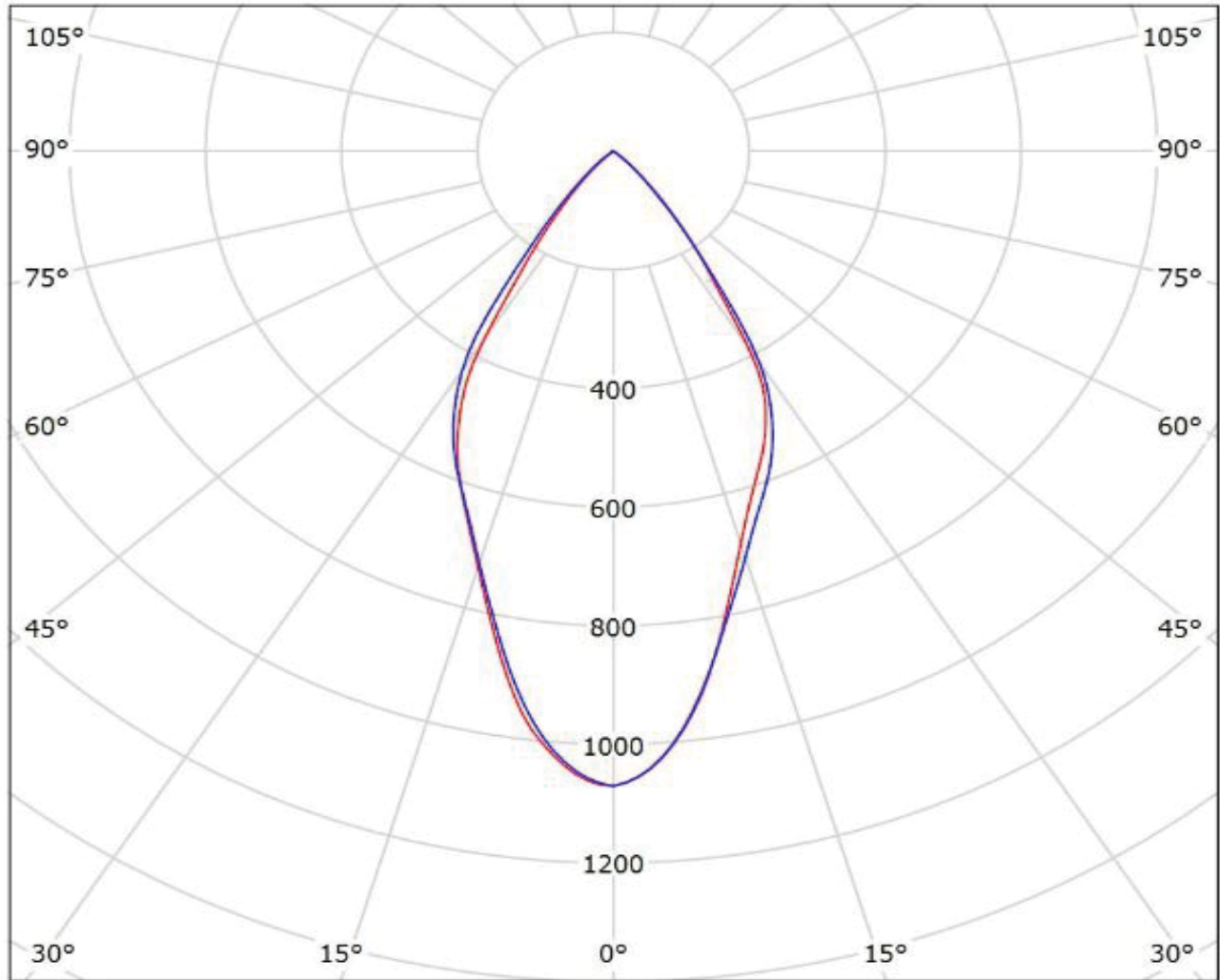
Luminaire: Ledil FC15004_FLORENTINA-WW_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_1140.96lm@250mA_P=8.3597W_I=0.25A



Ledil FC15004_FLORENTINA-WW_(XP-E2) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-E2)

Lamps: 1 x Cree_XP-E2_x12_(XPEBWT-H1-7A2-Q3-0-03)_919.369lm@250mA_P=8.6517W_η=0.25A

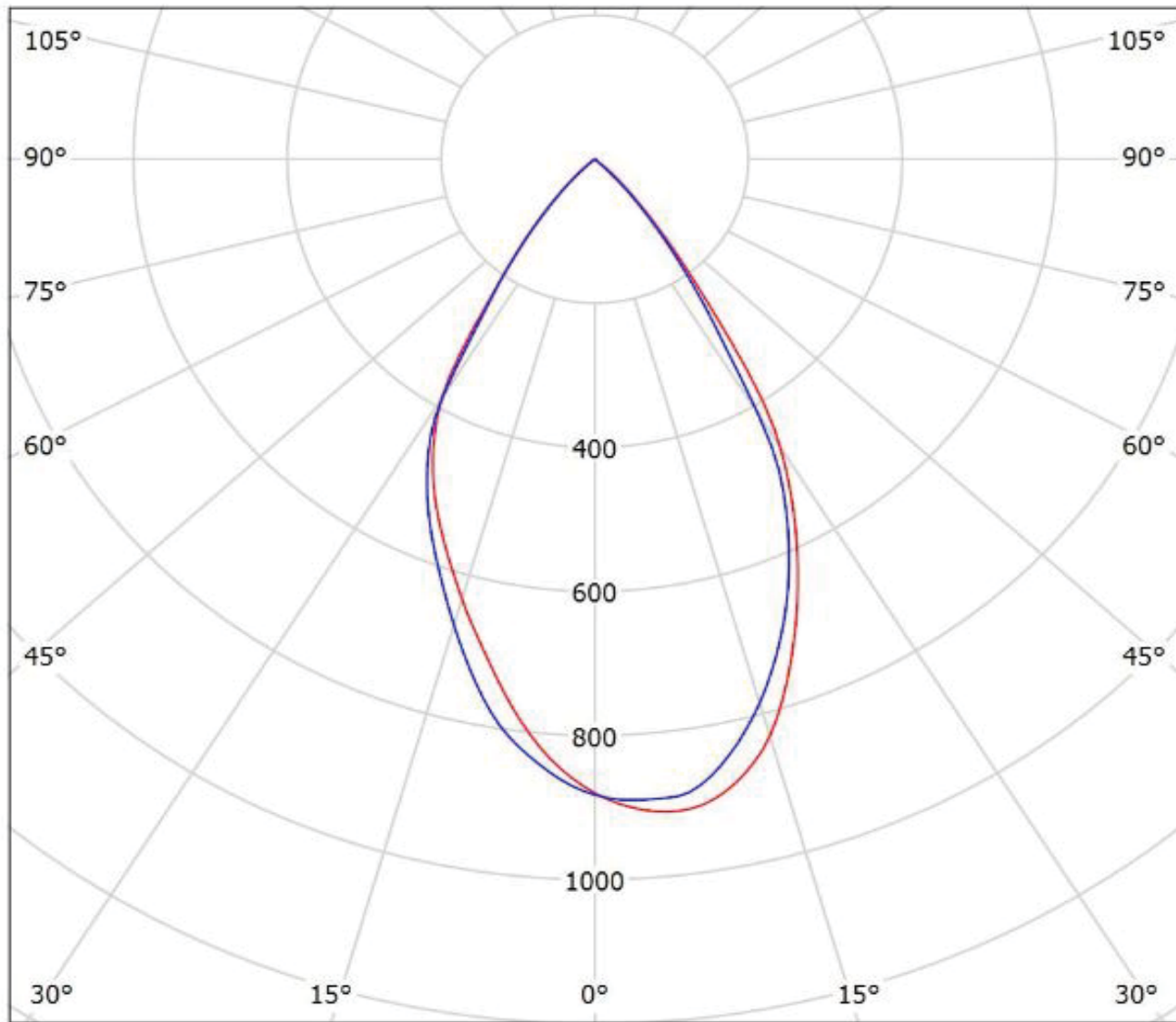


cd/klm
— C0 - C180 — C90 - C270

$\eta = 77\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-G2)

Lamps: 1 x Cree_XP-G2_(XPG-BWT-01-4A0-R3-0-01)_1166.49lm@250mA_P=8.4705W_I=0.25A

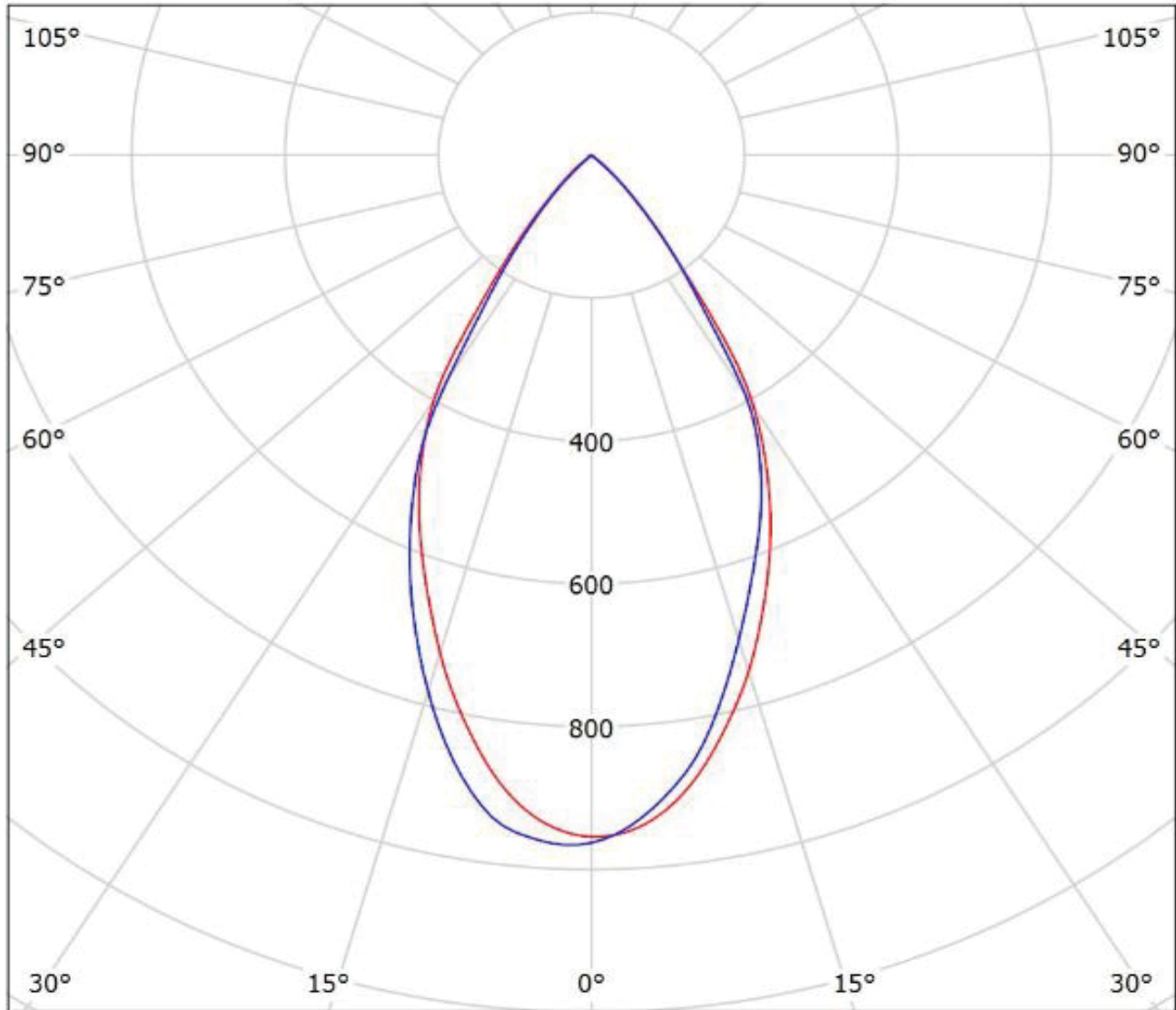


cd/klm

— C0 - C180 — C90 - C270

$\eta = 78\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(LG_H35C1)
Lamps: 1 x LG_H35C1_x12_1386.4lm@250mA_P=8.5608W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

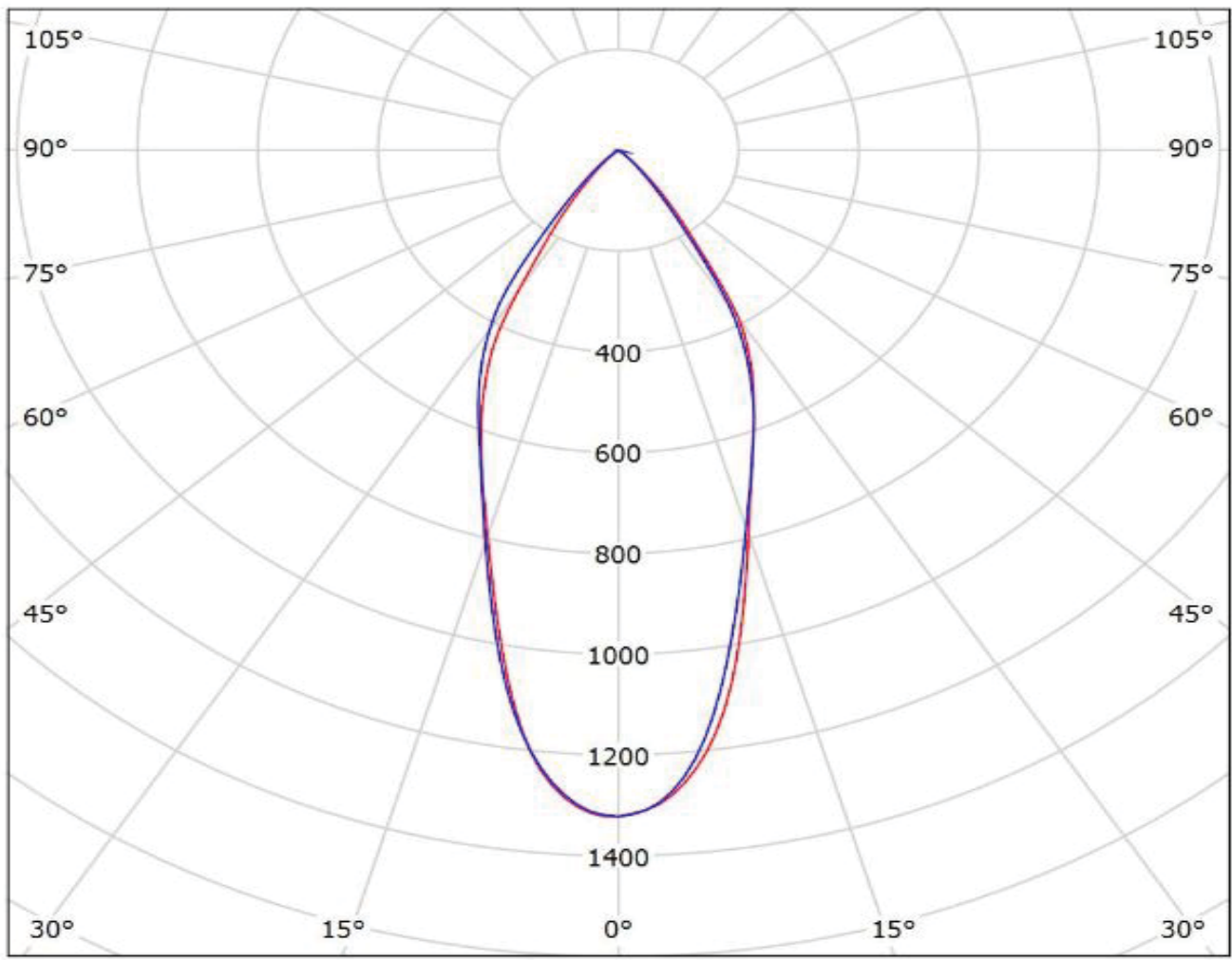
$\eta = 77\%$

Ledil FC15004_FLORENTINA-WW_(Rebel_Plus) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_Plus)

Lamps: 1 x Luxeon_Rebel_Plus_x12_(LX18-P140-3)

_1023.73lm@250mA_CCT=4000K_P=8.4525W_I=0.25A



cd/klm

— C0 - C180

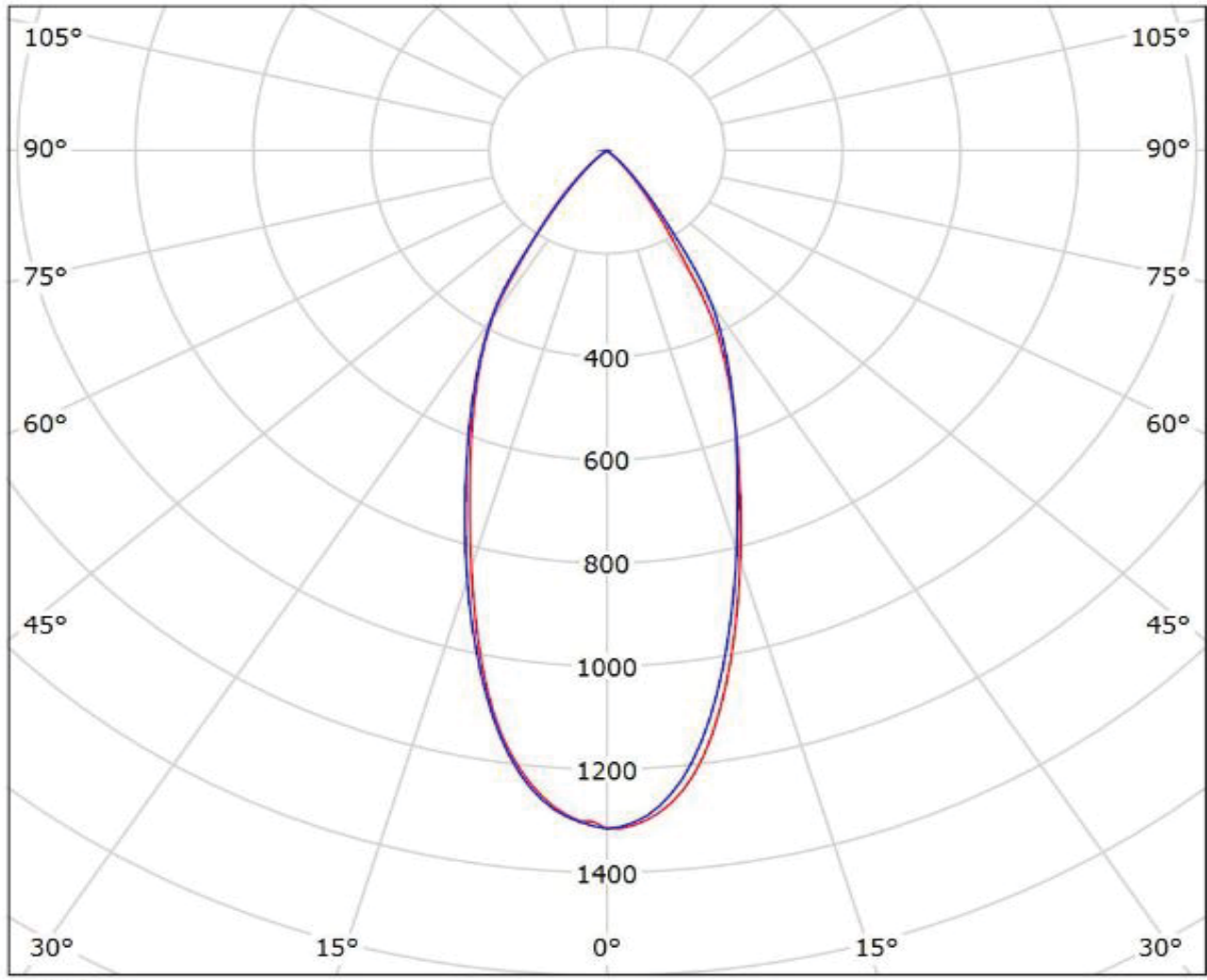
— C90 - C270

$\eta = 79\%$

Ledil FC15004_FLORENTINA-WW_(Luxeon_TX) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_TX)

Lamps: 1 x Luxeon_TX_x12_(L1T2-5770)_1350.11lm@250mA_CCT=5700K_P=8.3223W_I=0.25A



cd/klm

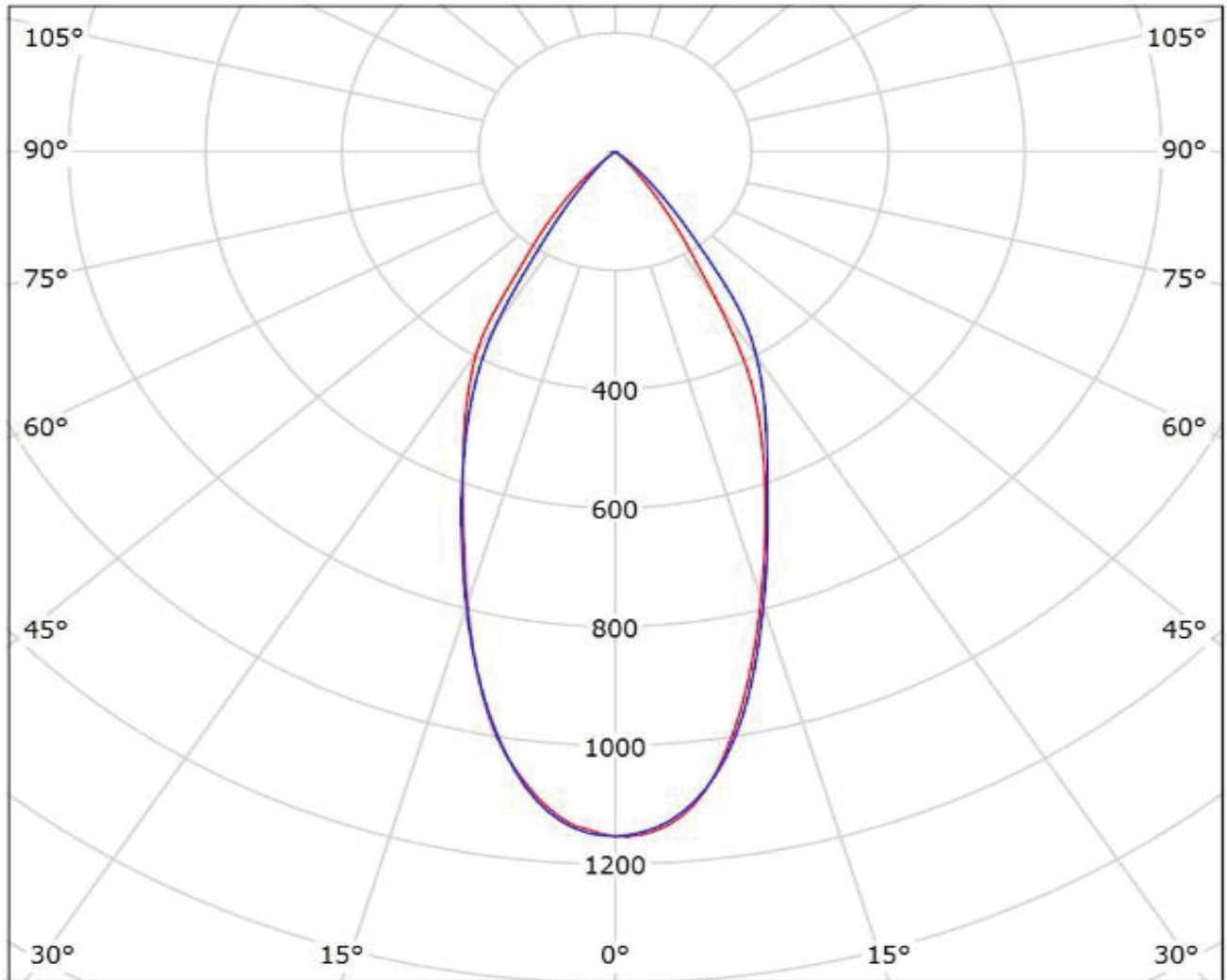
— C0 - C180 — C90 - C270

$\eta = 78\%$

Ledil FC15004_FLORENTINA-WW_(Rebel_ES) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_ES)

Lamps: 1 x Luxeon_Rebel_ES_x12_(LXML-PWC2)_1133.87lm@250mA_P=8.6613W_I=0.25A



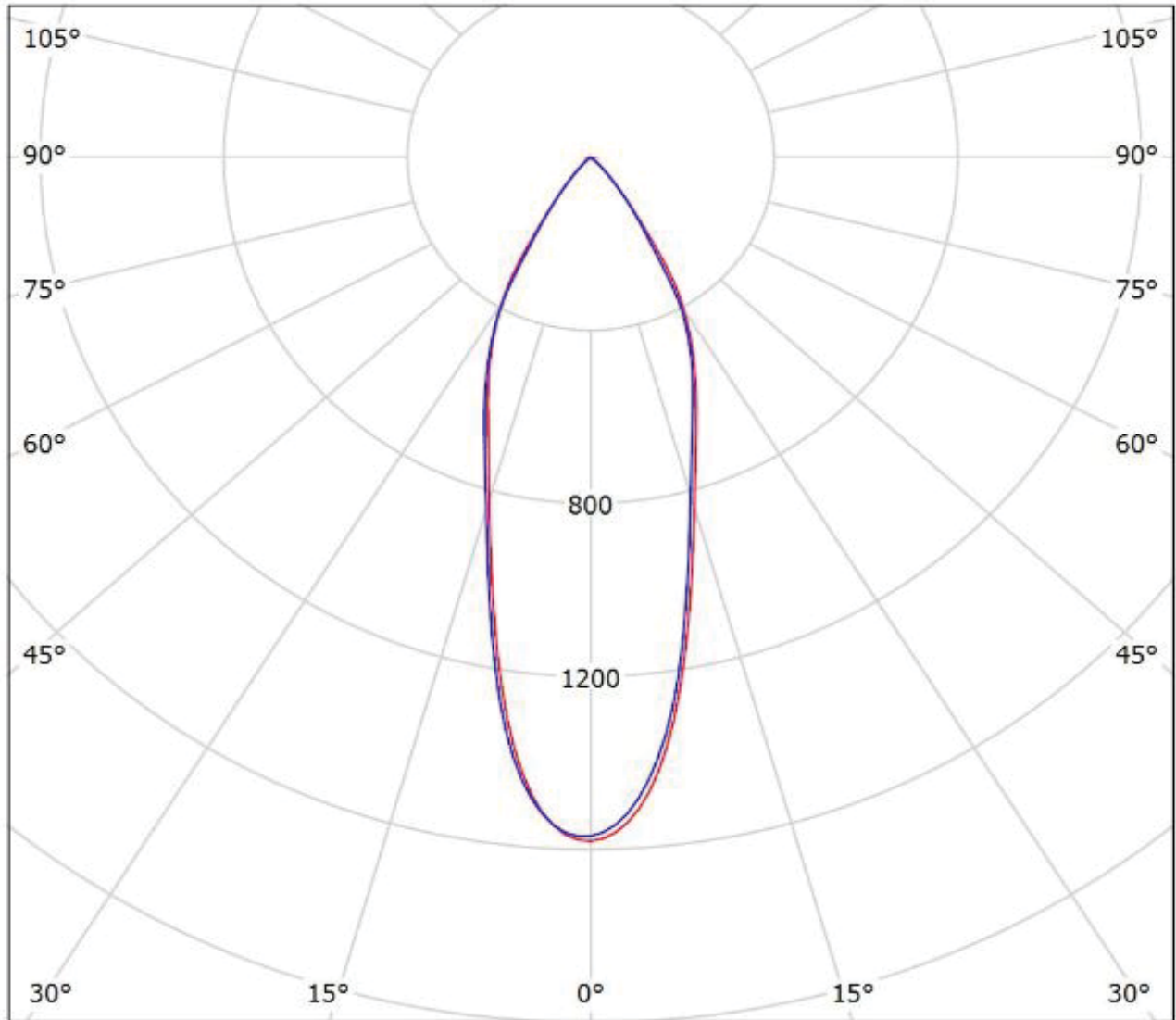
cd/klm

— C0 - C180

— C90 - C270

$\eta = 77\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_Z-ES)
Lamps: 1 x Luxeon_Z-ES_x12_934.806@250mA_P=8.3W_I=0.25A



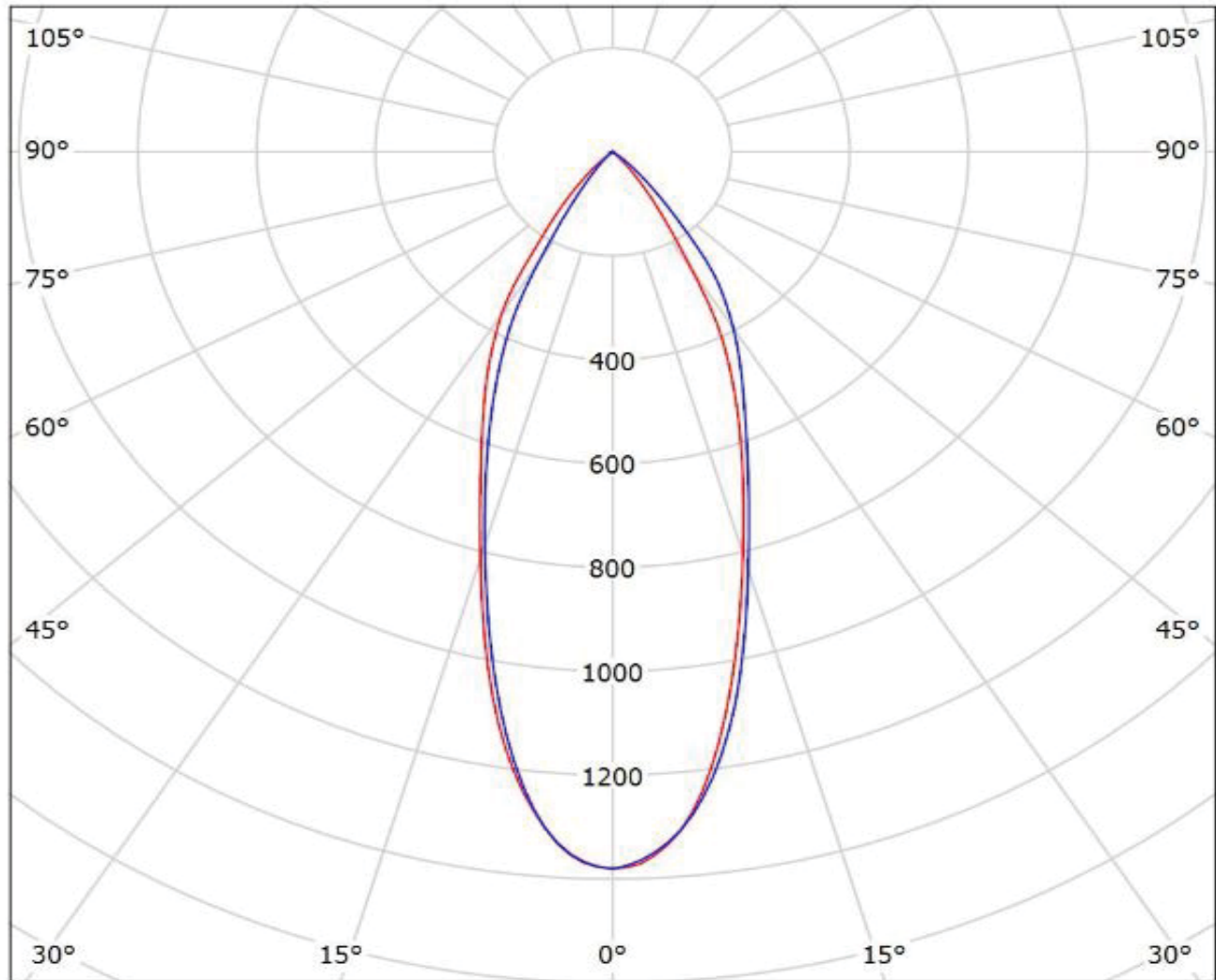
cd/klm
— C0 - C180 — C90 - C270

$\eta = 80\%$

Ledil FC15004_FLORENTINA-WW_(NCSxx19B) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(NCSxx19B)

Lamps: 1 x Nichia_NCSxx19B_x12_(NCSL219B)_936.422lm@250mA_P=8.9525W_I=0.25A



cd/klm

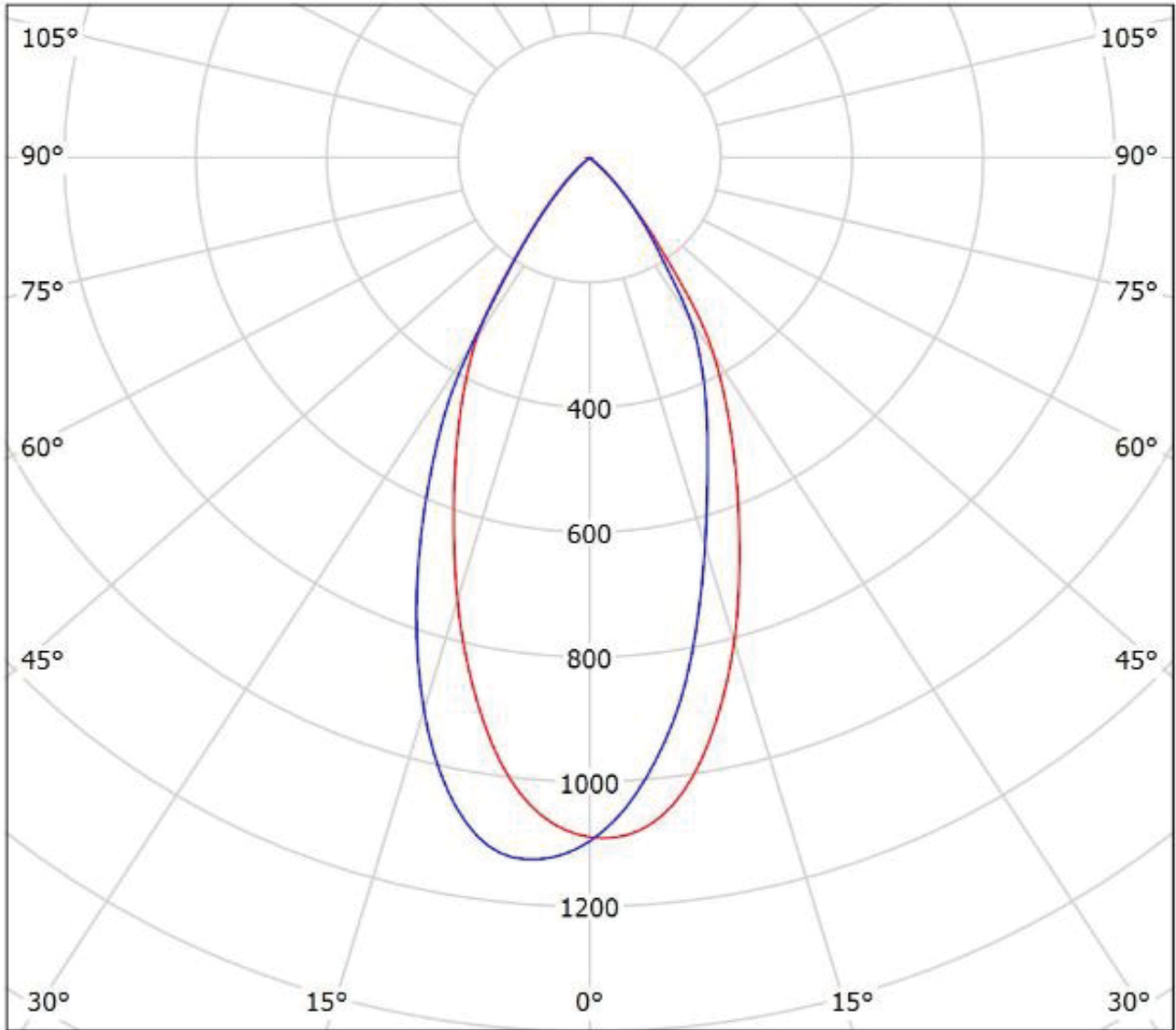
— C0 - C180

— C90 - C270

$\eta = 76\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(NVSL219B)

Lamps: 1 x Nichia_NVSL219B_x12_1040.35@250mA_P=8.6165W_I=0.25A



cd/klm

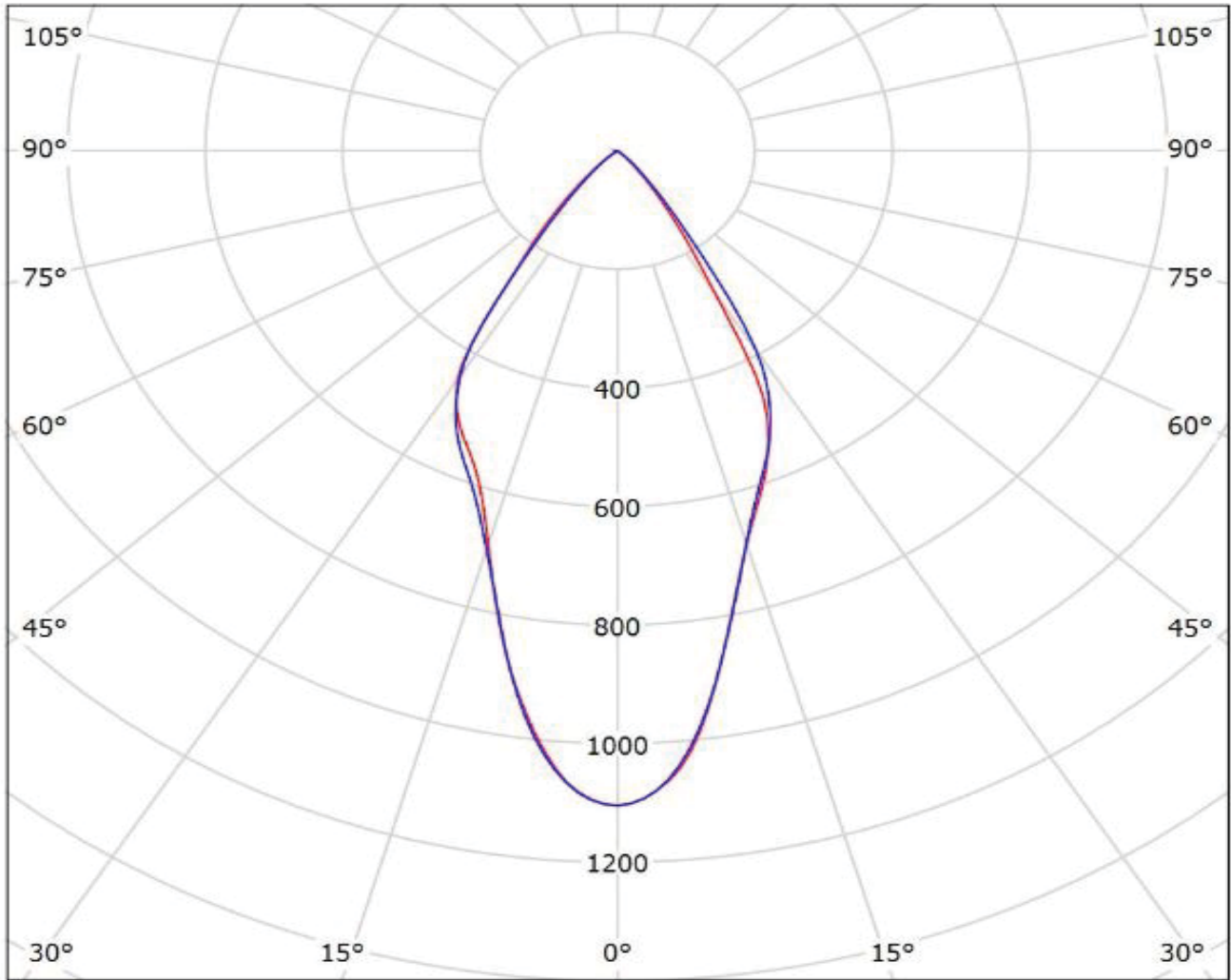
— C0 - C180 — C90 - C270

$\eta = 74\%$

Ledil FC15004_FLORENTINA-WW_(SSL80) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(SSL80)

Lamps: 1 x Oslon_SSL80_x12_(LCW_CQ7P.ĚC)_826.663lm@250mA_P=9.3033W_I=0.25A



cd/klm

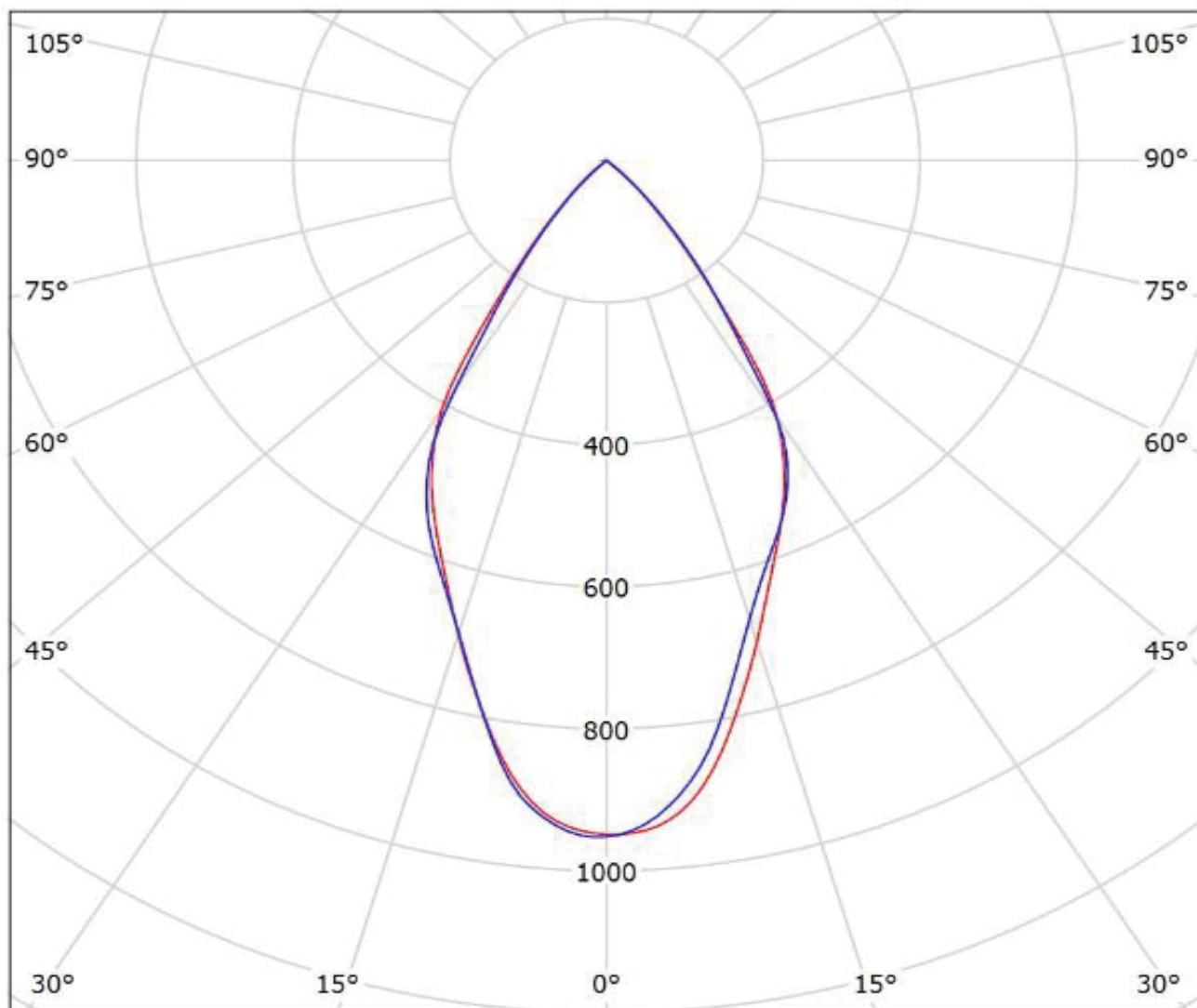
— C0 - C180

— C90 - C270

$\eta = 75\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(SQ-EC)

Lamps: 1 x OSLOM_SQUARE-EC_x12_1046.45lm@250mA_P=8.3193W_I=0.25A



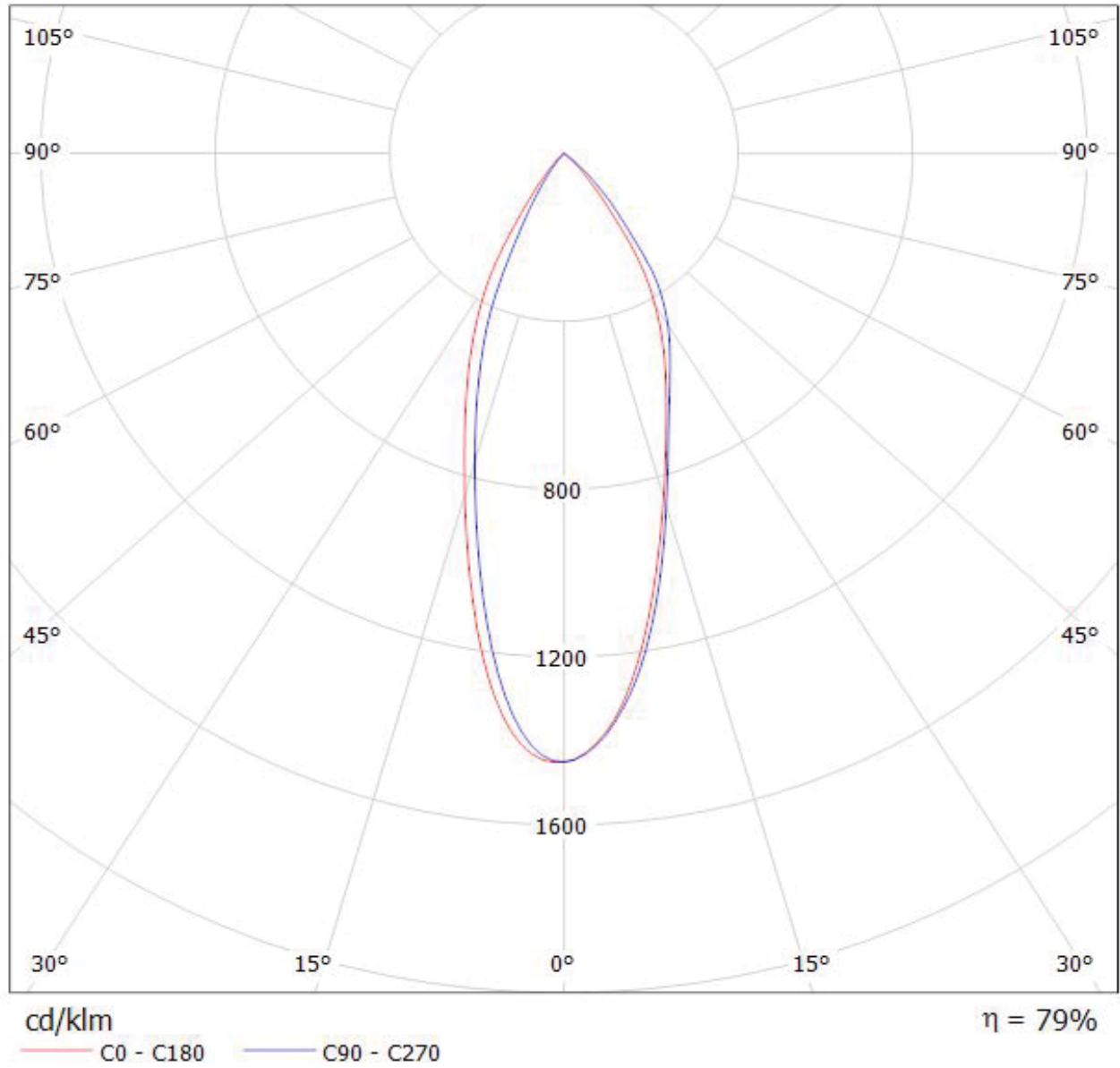
cd/klm

— C0 - C180

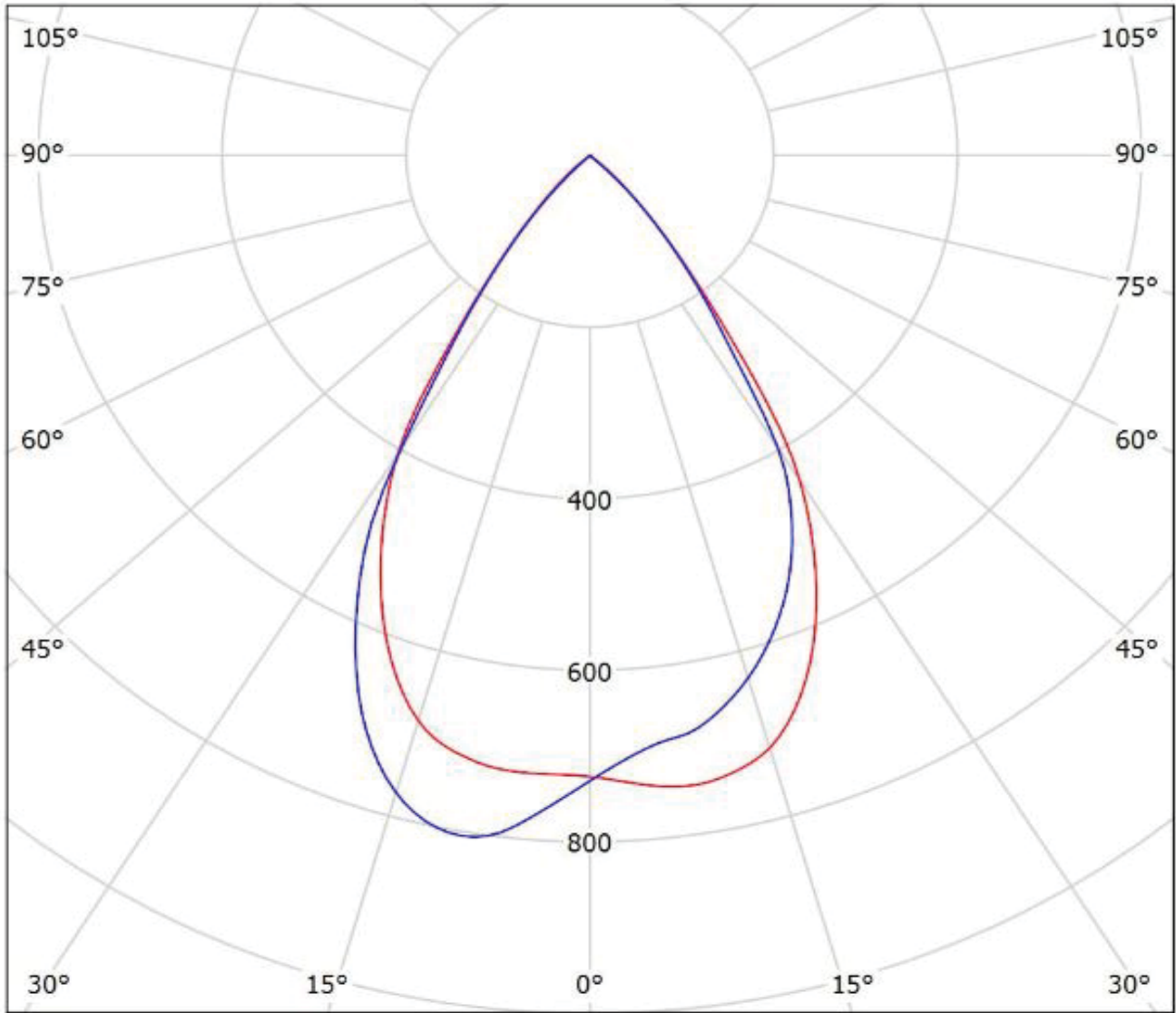
— C90 - C270

$\eta = 76\%$

Luminaire: Ledil FC15004-FLORENTINA-WW_(SSL150)
Lamps: 1 x Oslon_SSL150_995.439lm@250mA_P=8.4375W_I=0.25A



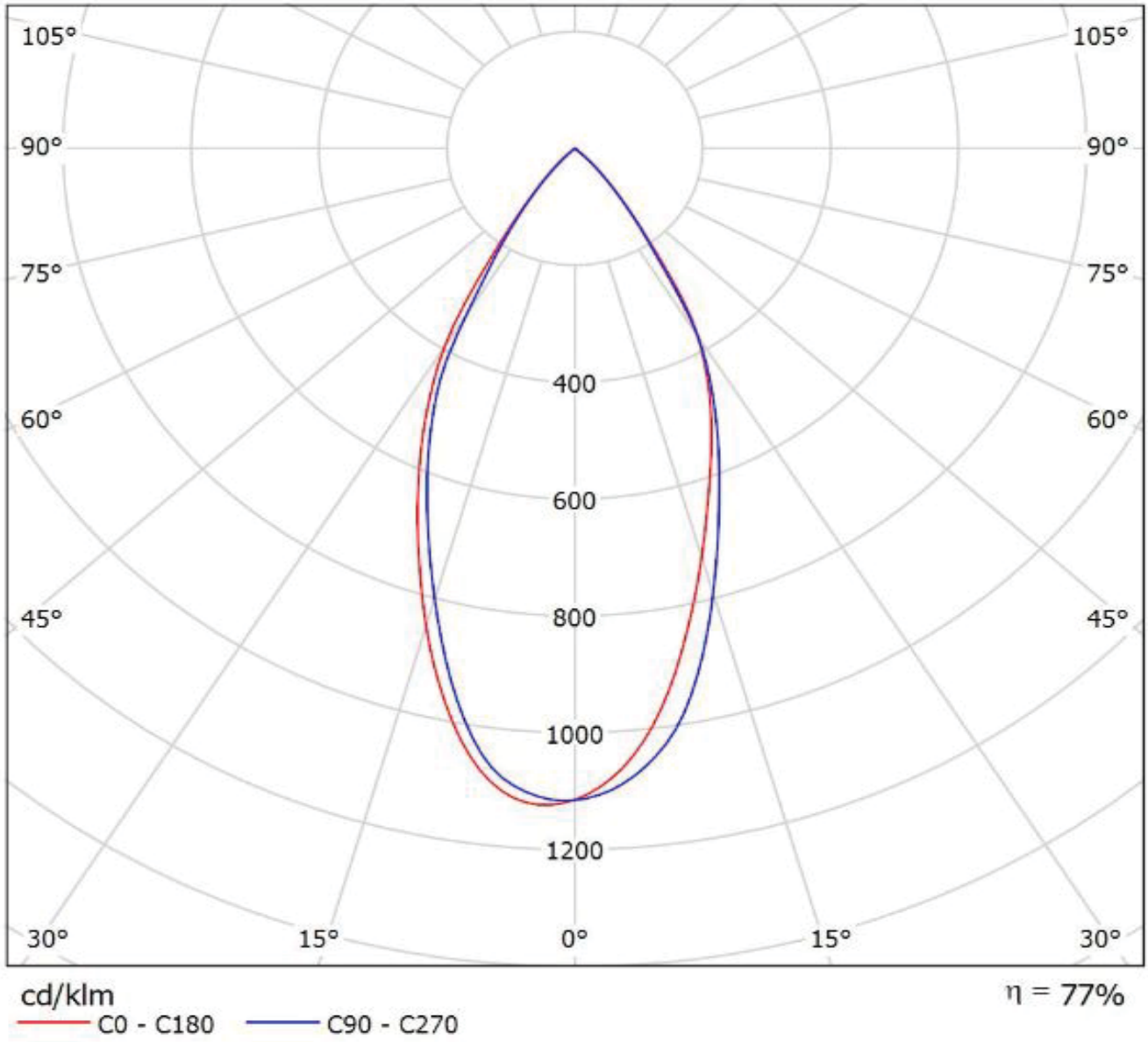
Luminaire: Ledil FC15004_FLORENTINA-WW_(LH351B)
Lamps: 1 x Samsung_LH351B_x12_1310.26@250mA_P=8.4105W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 76\%$

Luminaire: Ledil FC15004_FLORENTINA-WW_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_1140.96lm@250mA_P=8.3597W_I=0.25A



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.