

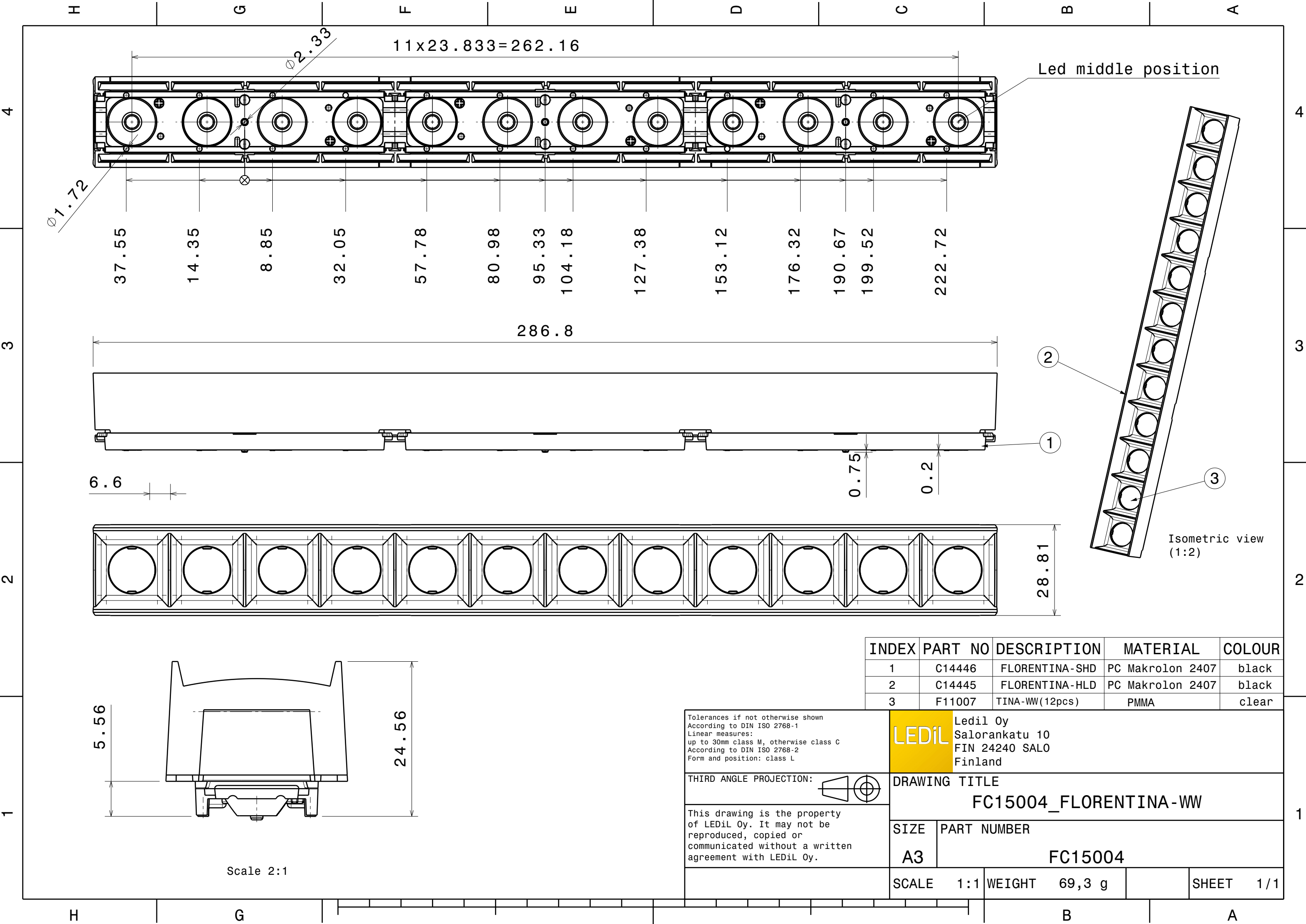
DETAILS

Product Number	FC15004_FLORENTINA-WW
Family	Florentina
Type	Lens array
Color	black
Diameter	285,6+19,5 mm
Height	10,2 mm
Style	rectang
Optic Material	PC
Holder Material	PC
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	12/10/2015

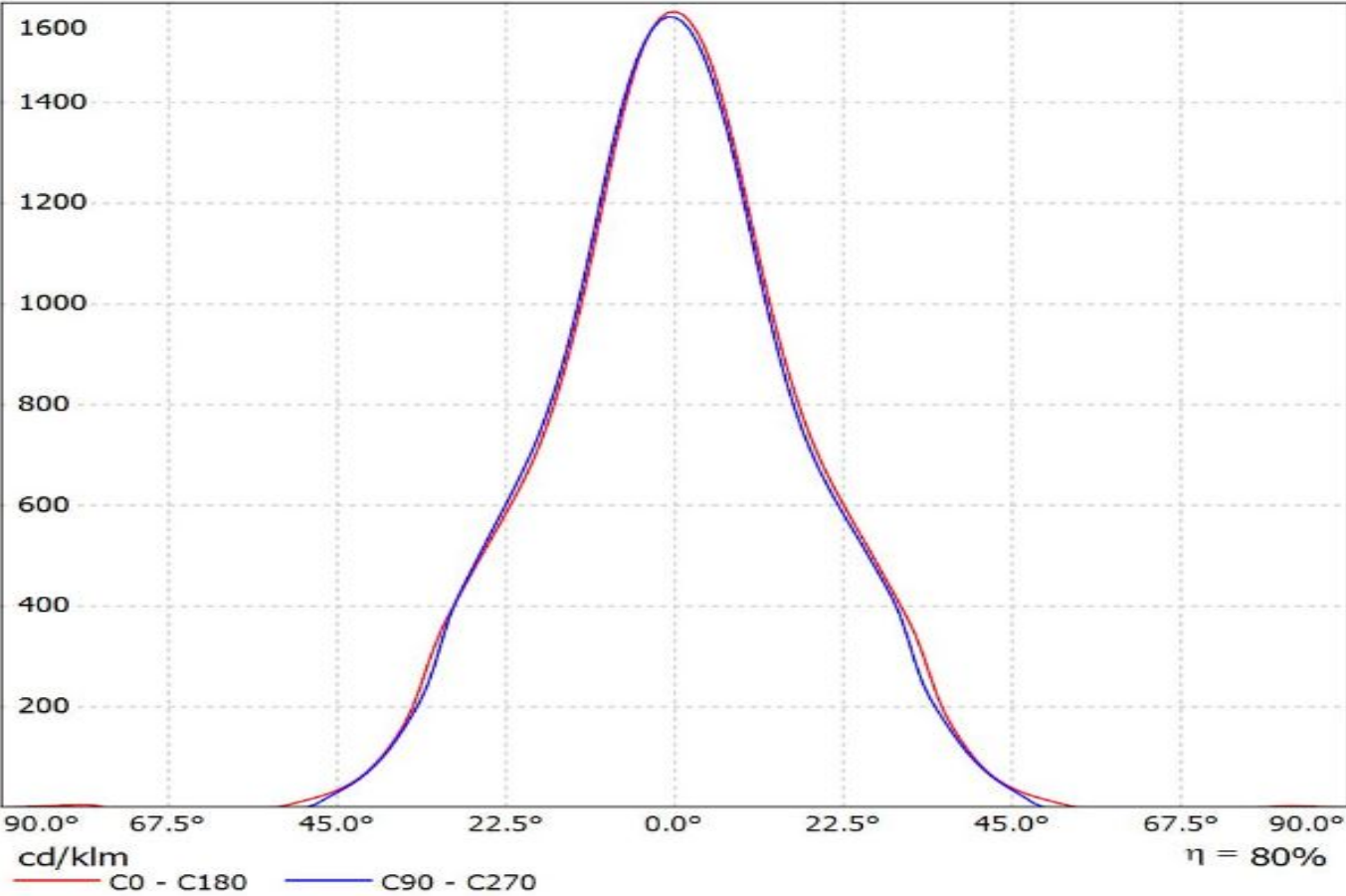


OPTICAL PROPERTIES

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



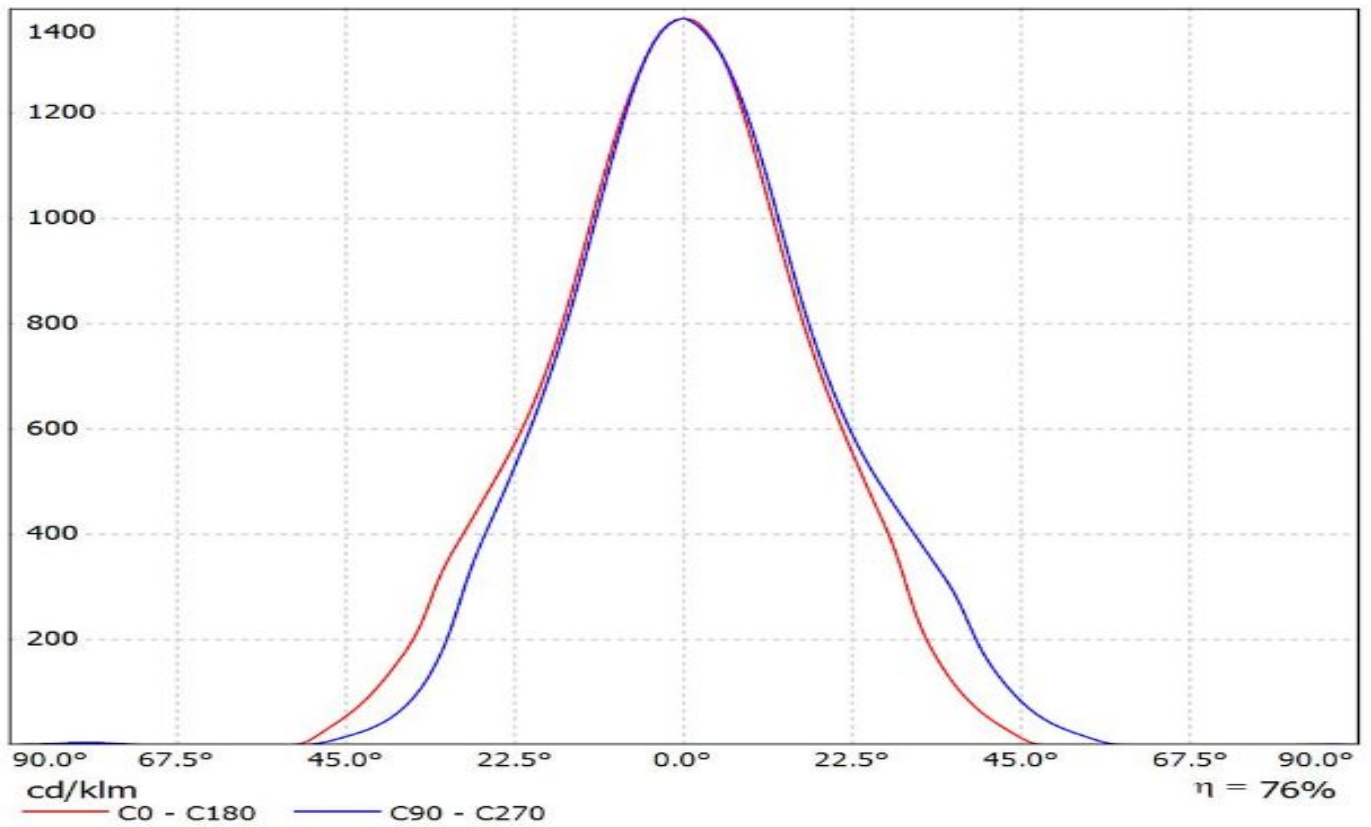
Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_Z-ES)
Lamps: 1 x Luxeon_Z-ES_x12_934.806@250mA_P=8.3W_I=0.25A



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

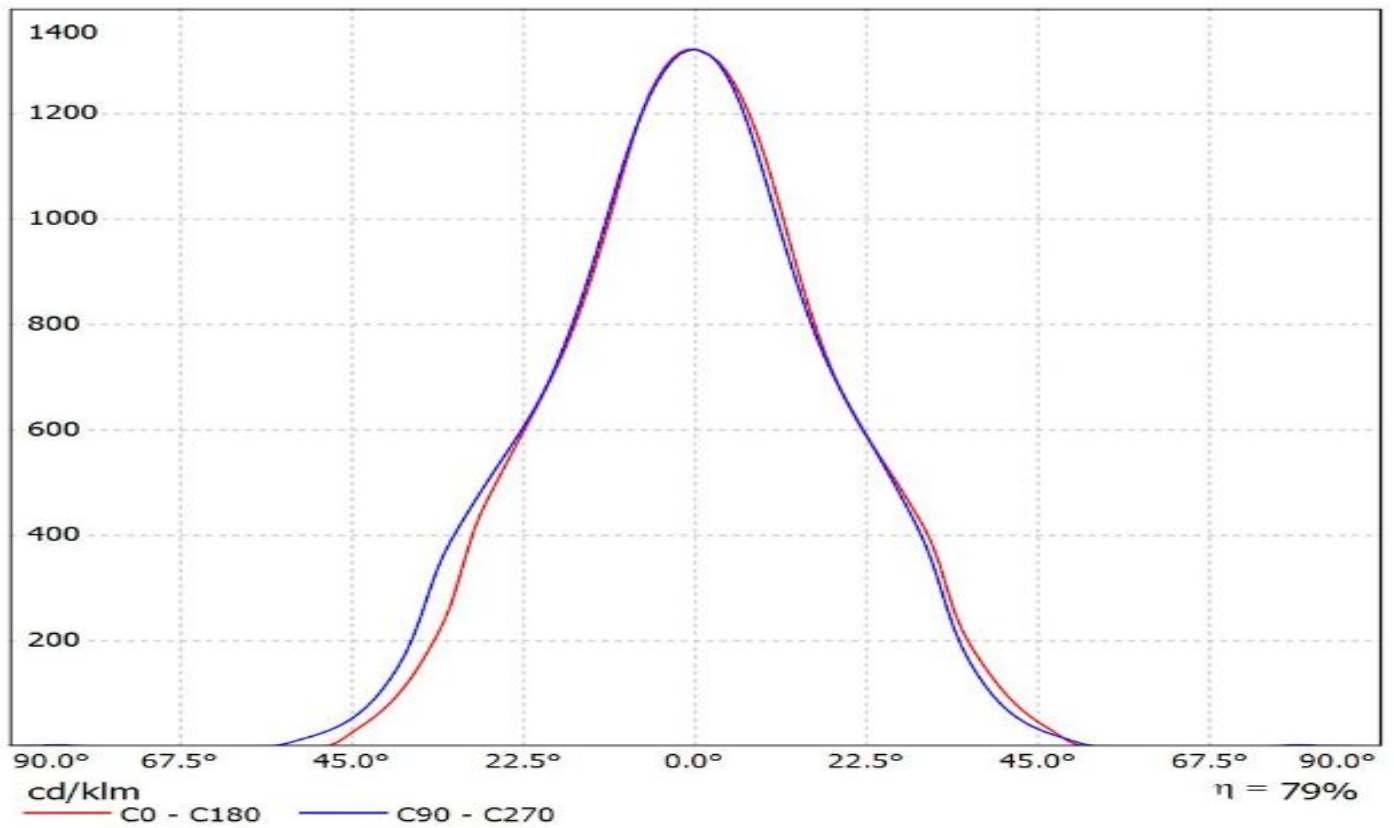


Ledil FC15004_FLORENTINA-WW_(Rebel_Plus) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_Plus)

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

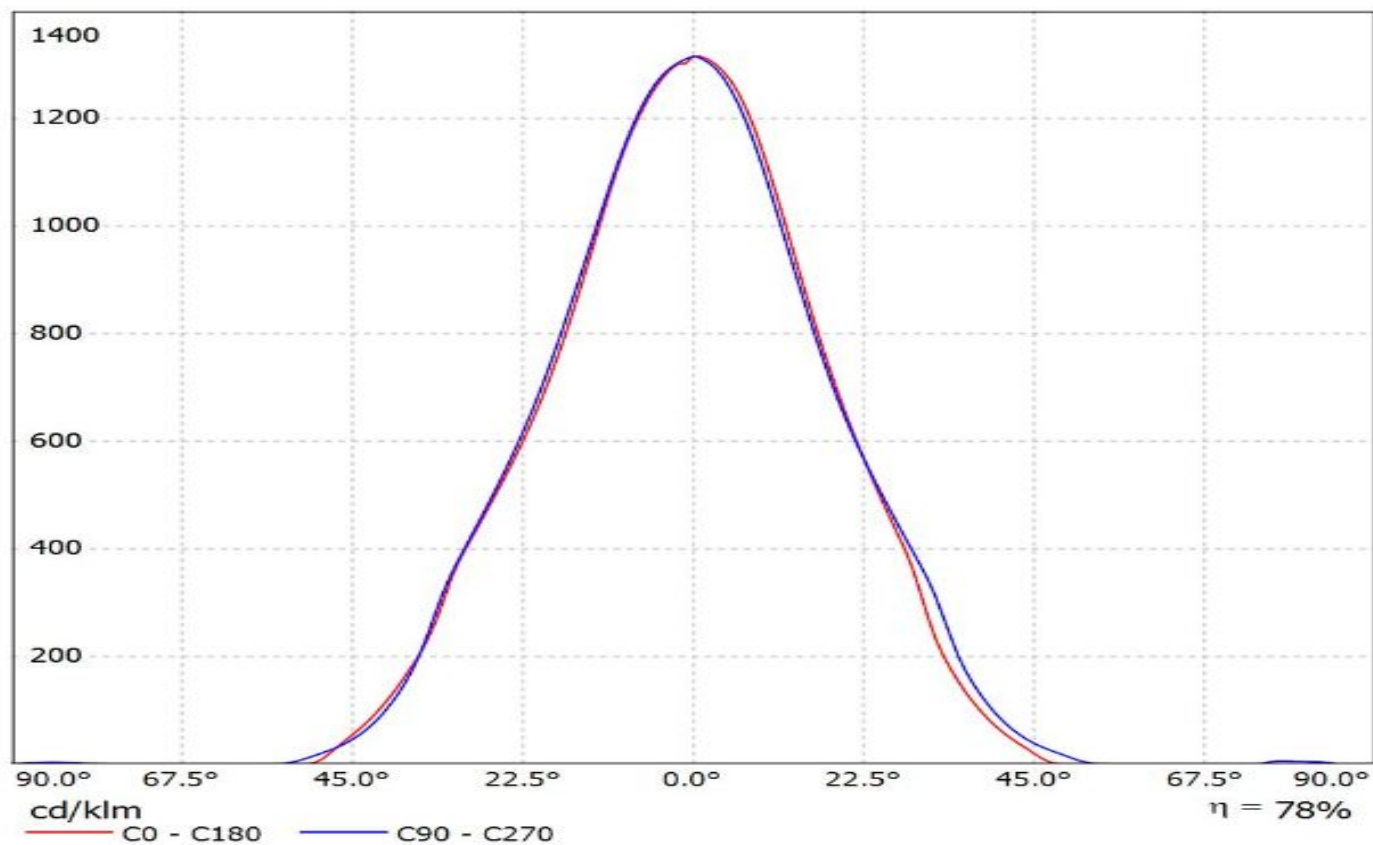
_1023.73lm@250mA_CCT=4000K_P=8.4525W_I=0.25A



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

Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_TX)

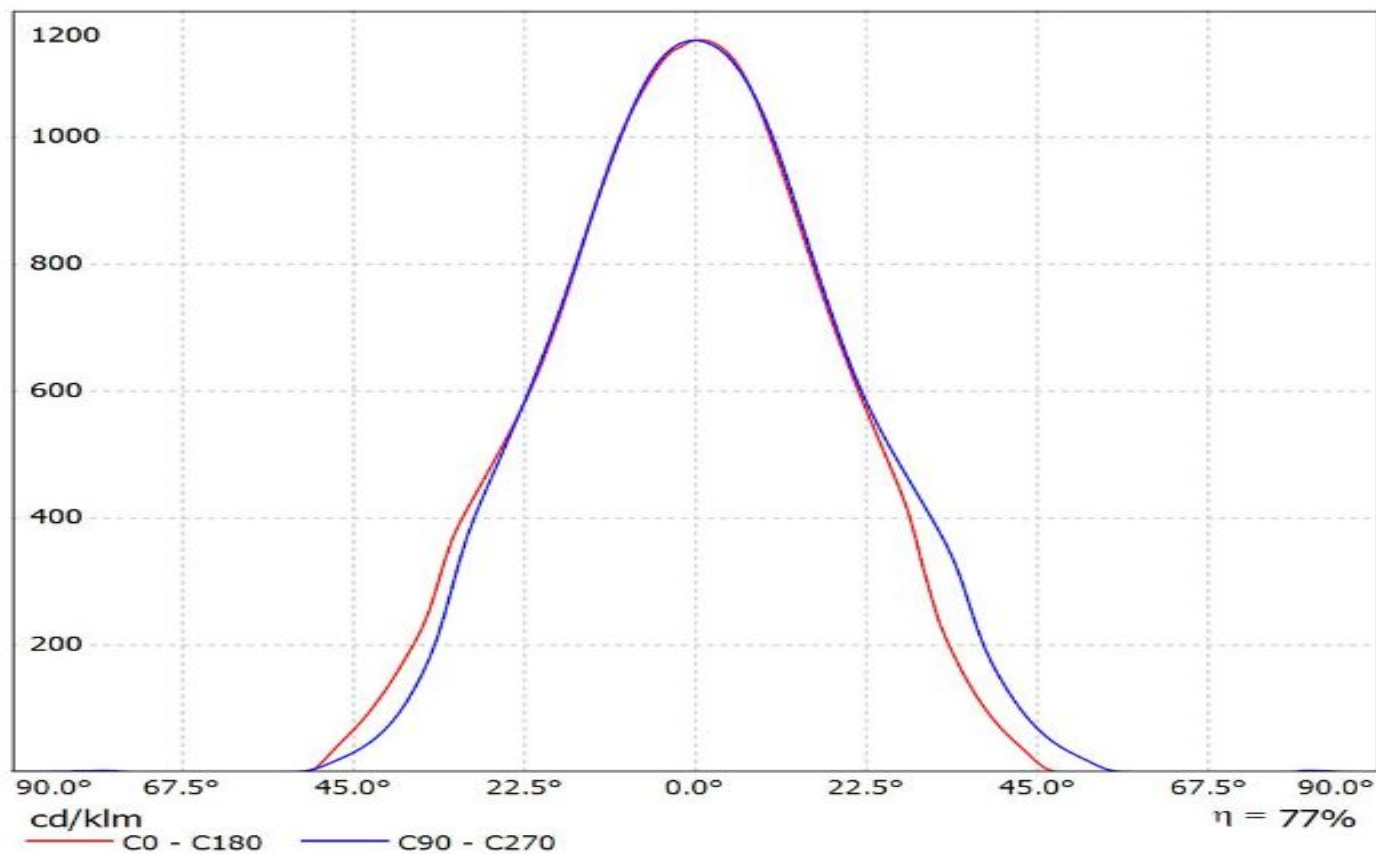
Lamps: 1 x Luxeon_TX_x12_(L1T2-5770)_1350.11lm@250mA_CCT=5700K_P=8.3223W_I=0.25A



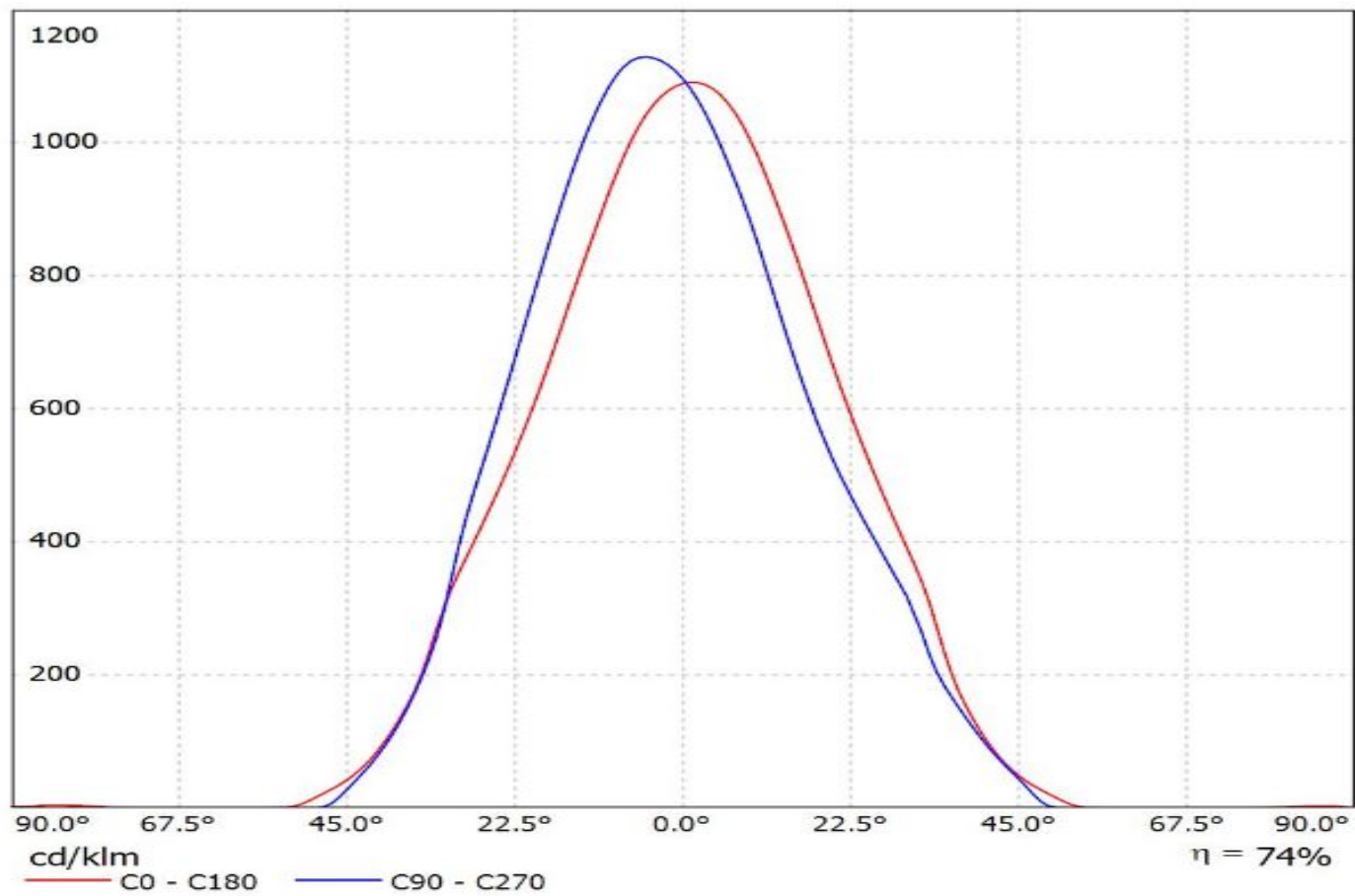
Ledil FC15004_FLORENTINA-WW_(Rebel_ES) / LDC (Linear)

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



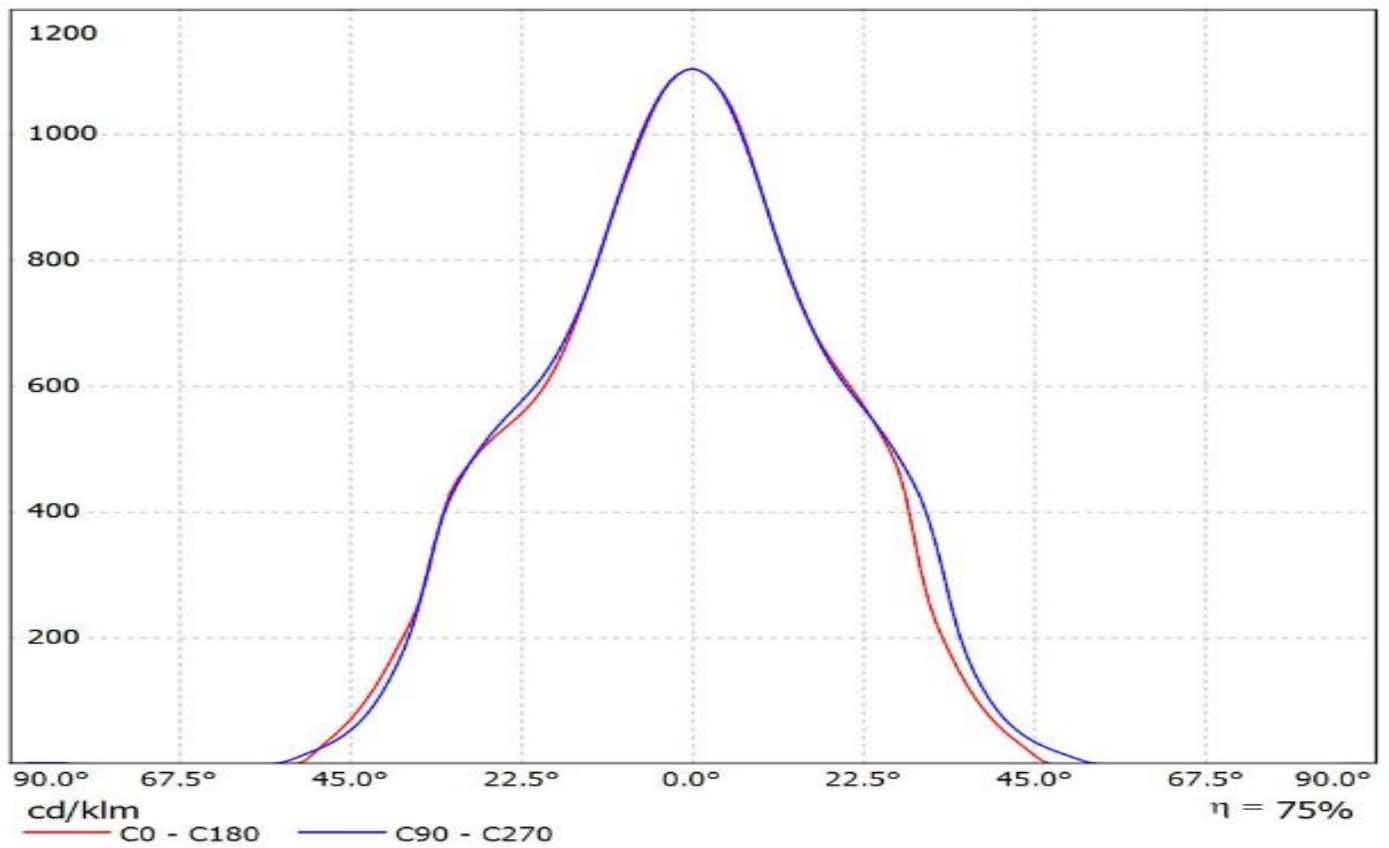
Luminaire: Ledil FC15004_FLORENTINA-WW_(NVSL219B)
Lamps: 1 x Nichia_NVSL219B_x12_1040.35@250mA_P=8.6165W_I=0.25A



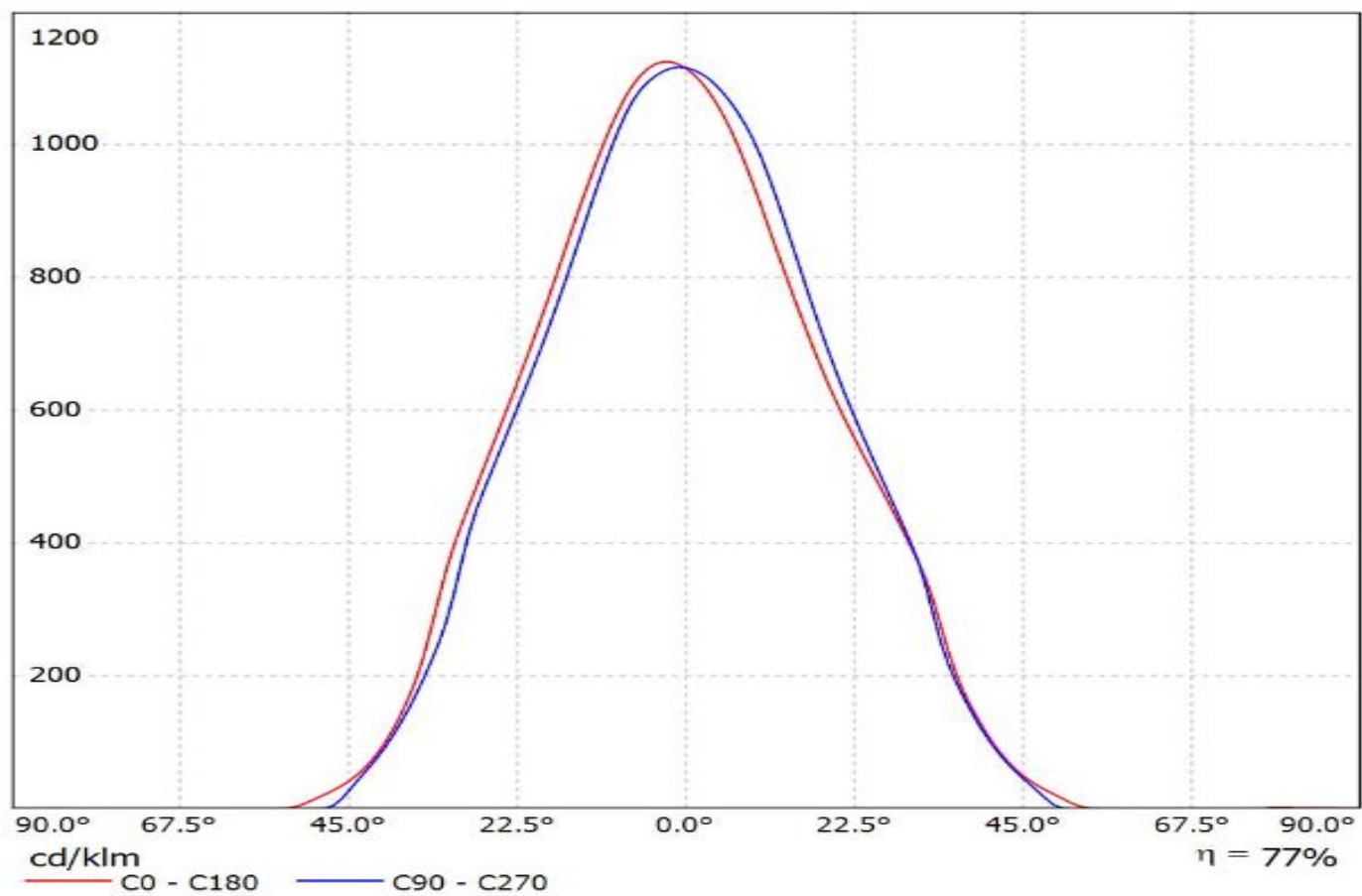
Ledil FC15004_FLORENTINA-WW_(SSL80) / LDC (Linear)

Luminaire: Ledil FC15004_FLORENTINA-WW_(SSL80)

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



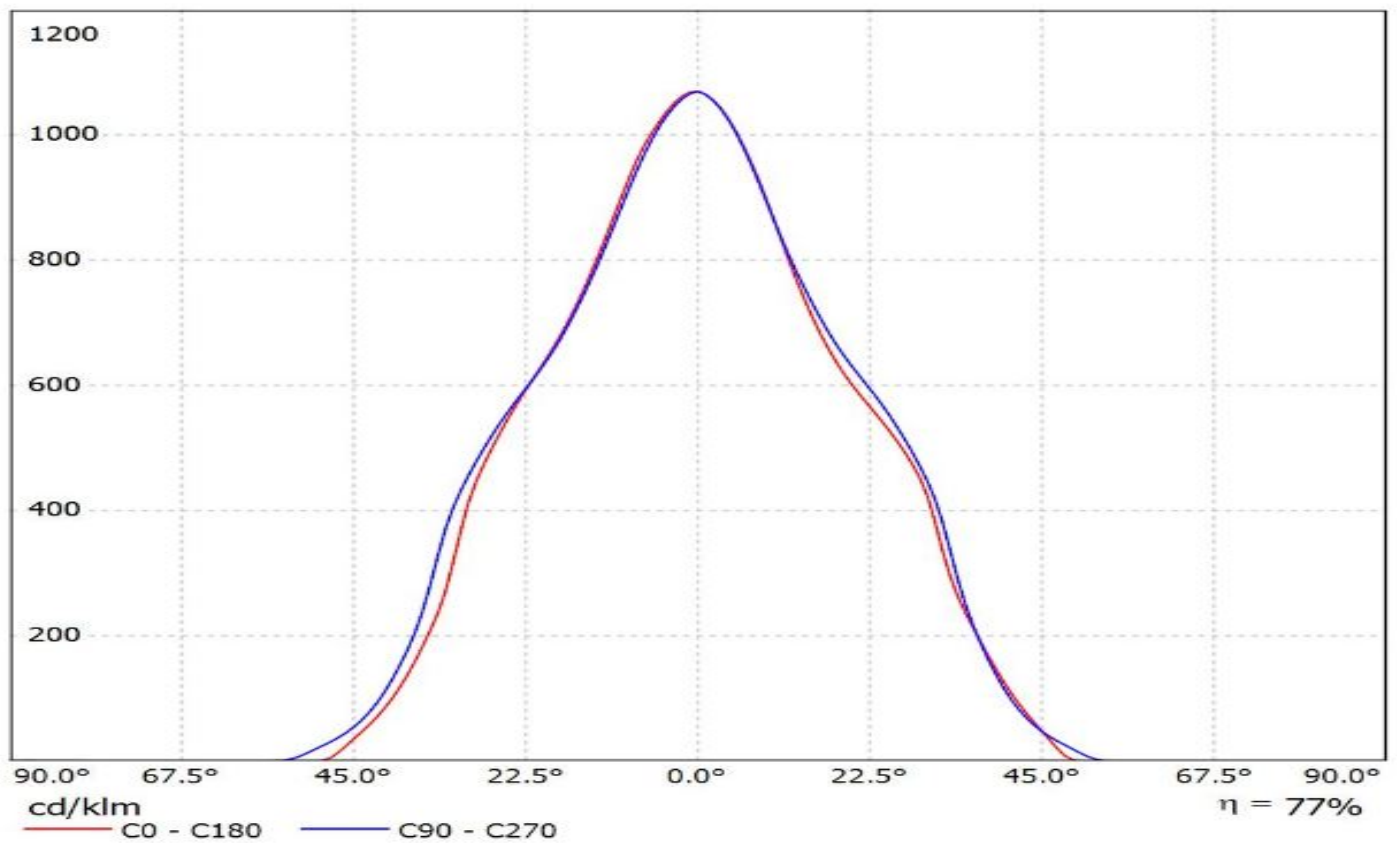
Luminaire: Ledil FC15004_FLORENTINA-WW_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_1140.96lm@250mA_P=8.3597W_I=0.25A



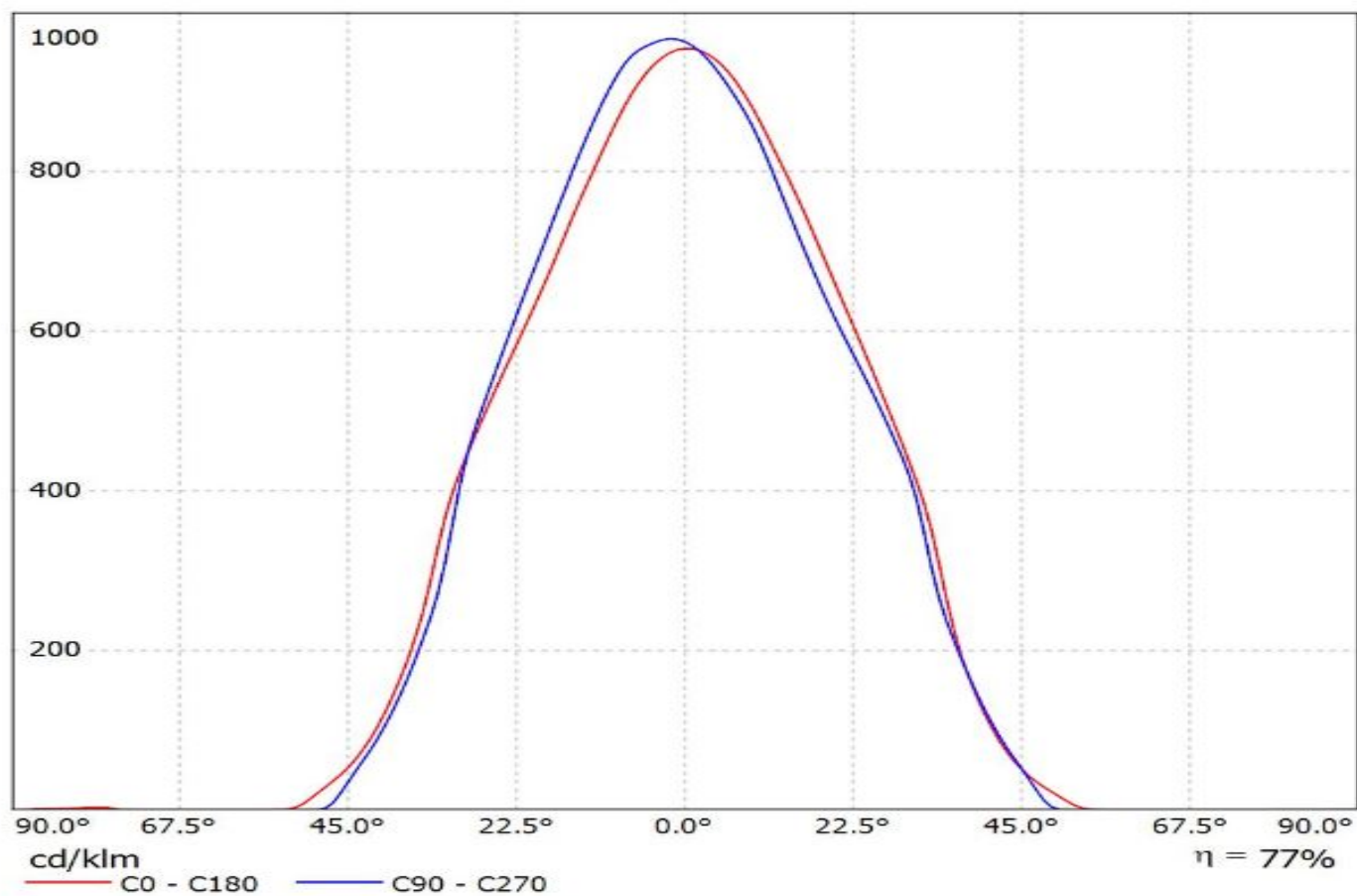
Ledil FC15004_FLORENTINA-WW_(XP-E2) / LDC (Linear)

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_I=0.25A

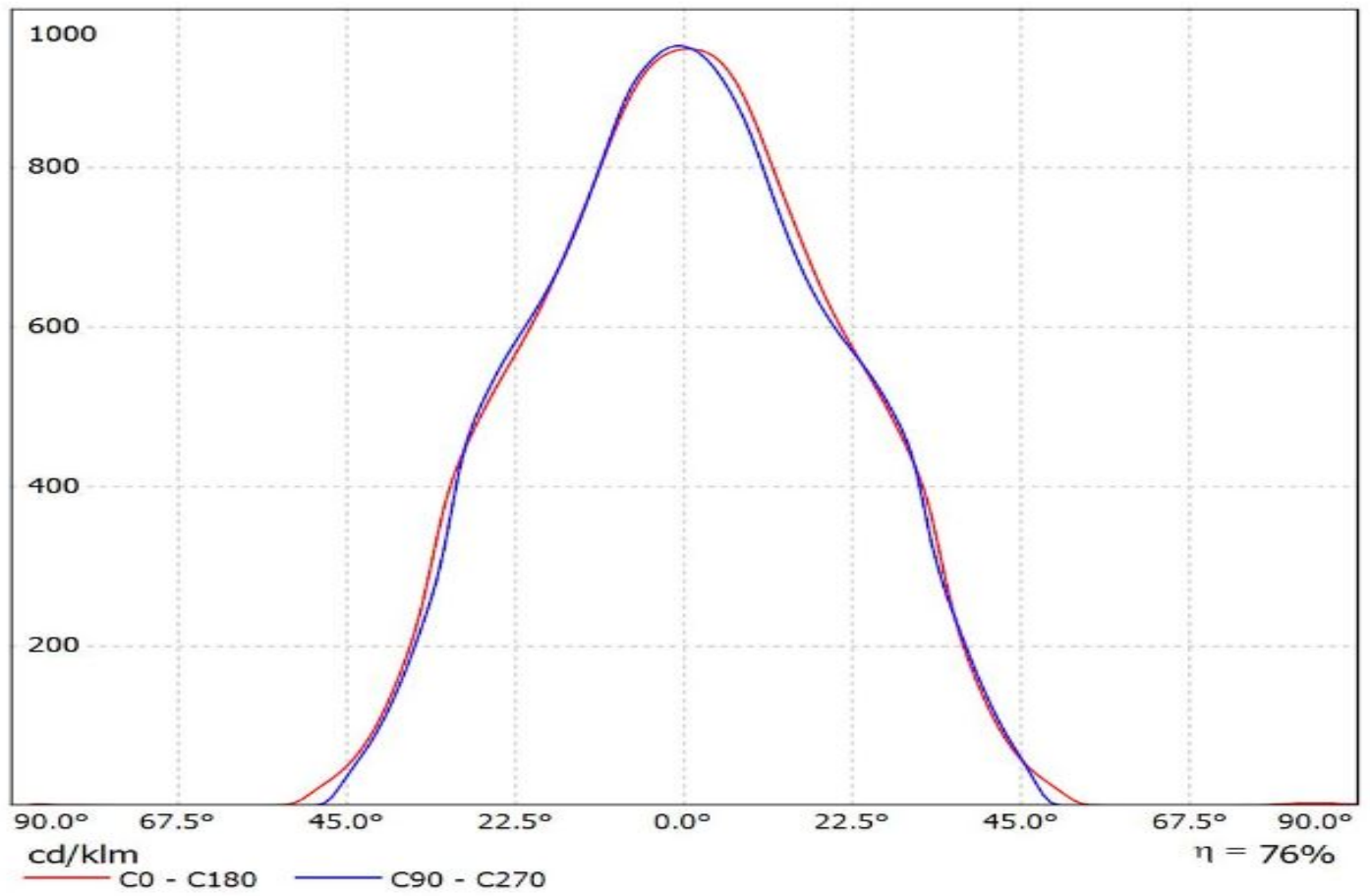


Luminaire: Ledil FC15004_FLORENTINA-WWW_(LG_H35C1)
Lamps: 1 x LG_H35C1_x12_1386.4lm@250mA_P=8.5608W_I=0.25A

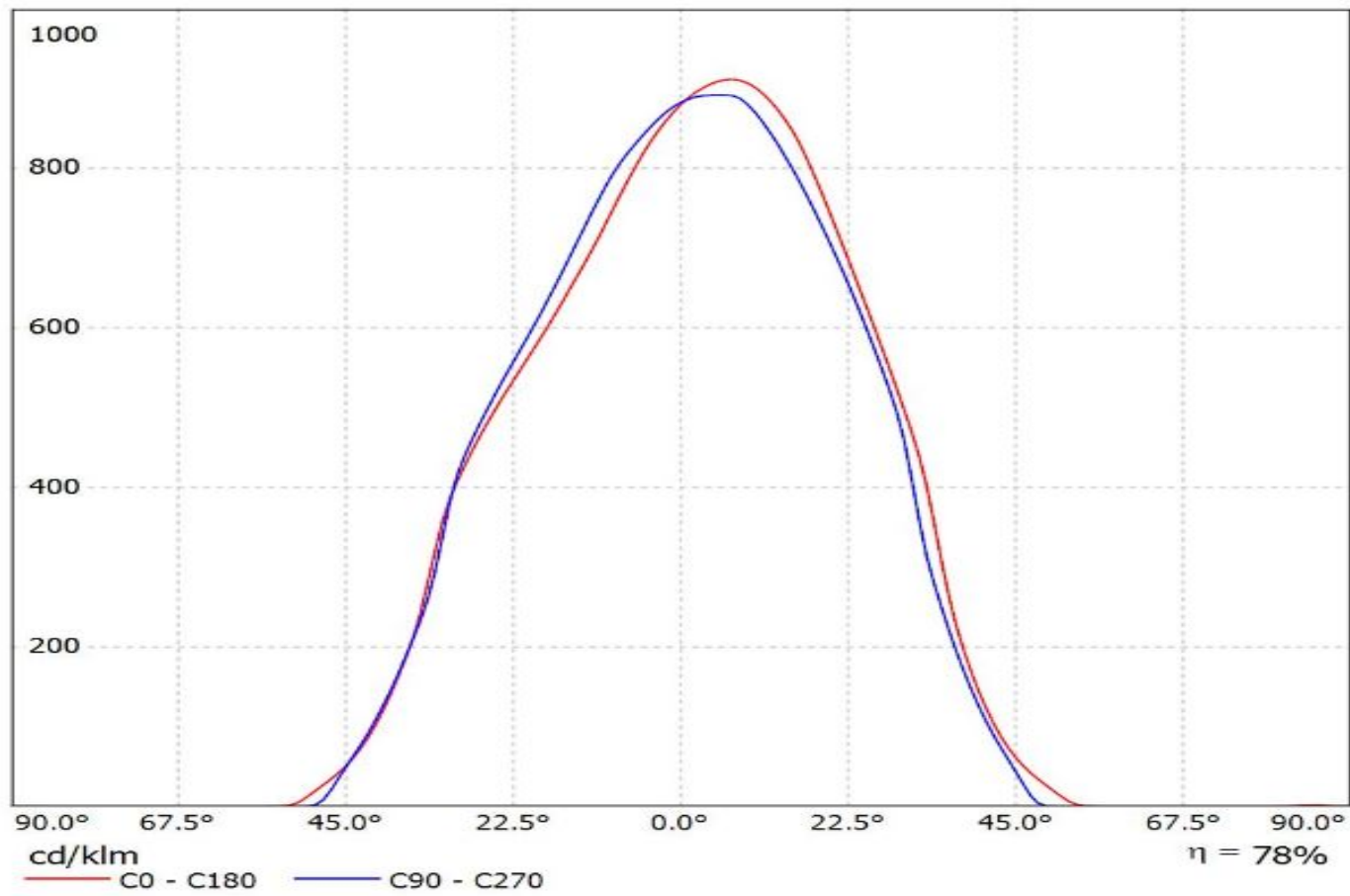


Luminaire: Ledil FC15004_FLORENTINA-WW_(SQ-EC)

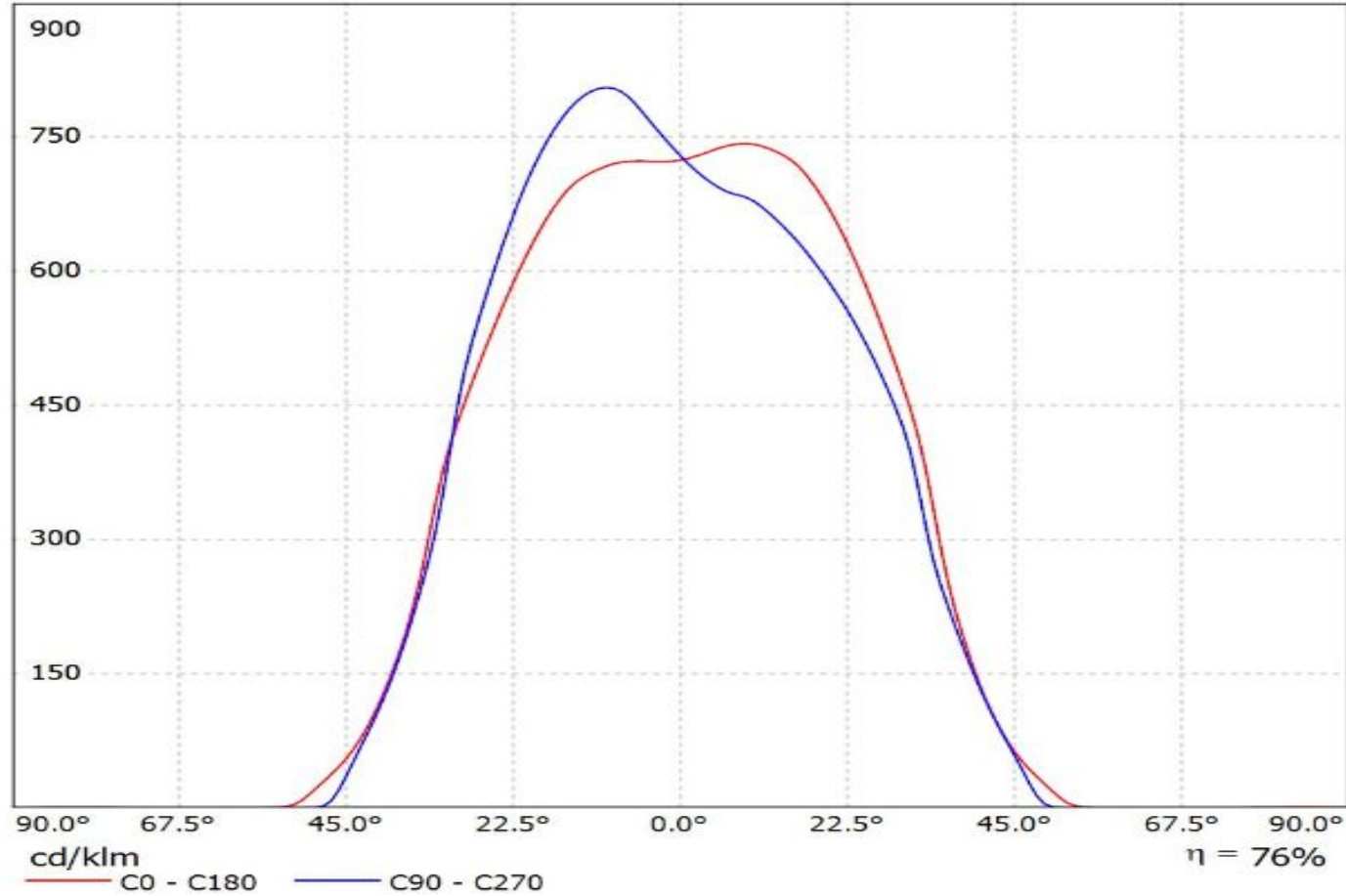
Lamps: 1 x OSLOM_SQUARE-EC_x12_1046.45lm@250mA_P=8.3193W_I=0.25A



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

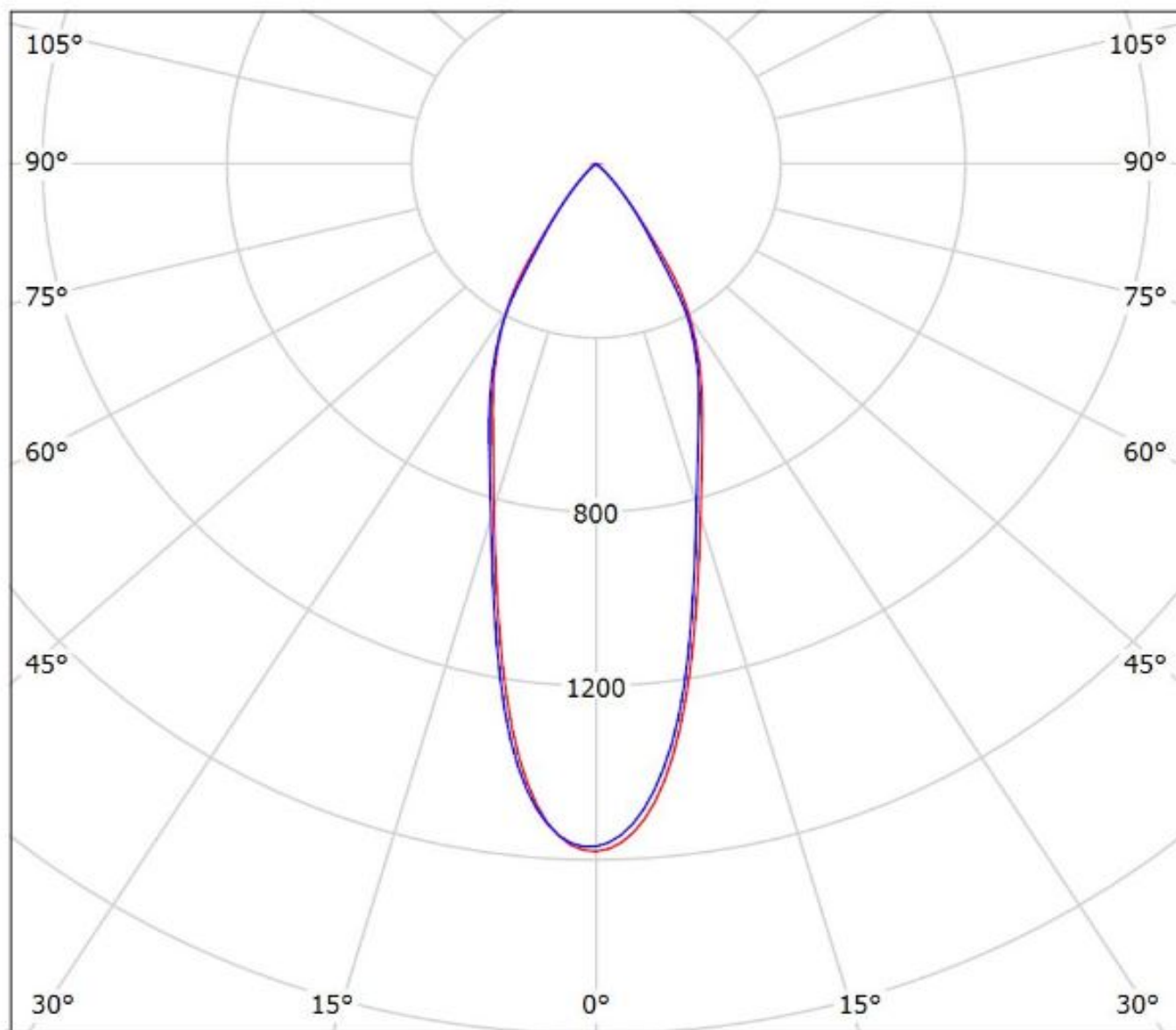


Luminaire: Ledil FC15004_FLORENTINA-WW_(LH351B)
Lamps: 1 x Samsung_LH351B_x12_1310.26@250mA_P=8.4105W_I=0.25A



Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_Z-ES)

Lamps: 1 x Luxeon_Z-ES_x12_934.806@250mA_P=8.3W_I=0.25A



cd/klm

— C0 - C180

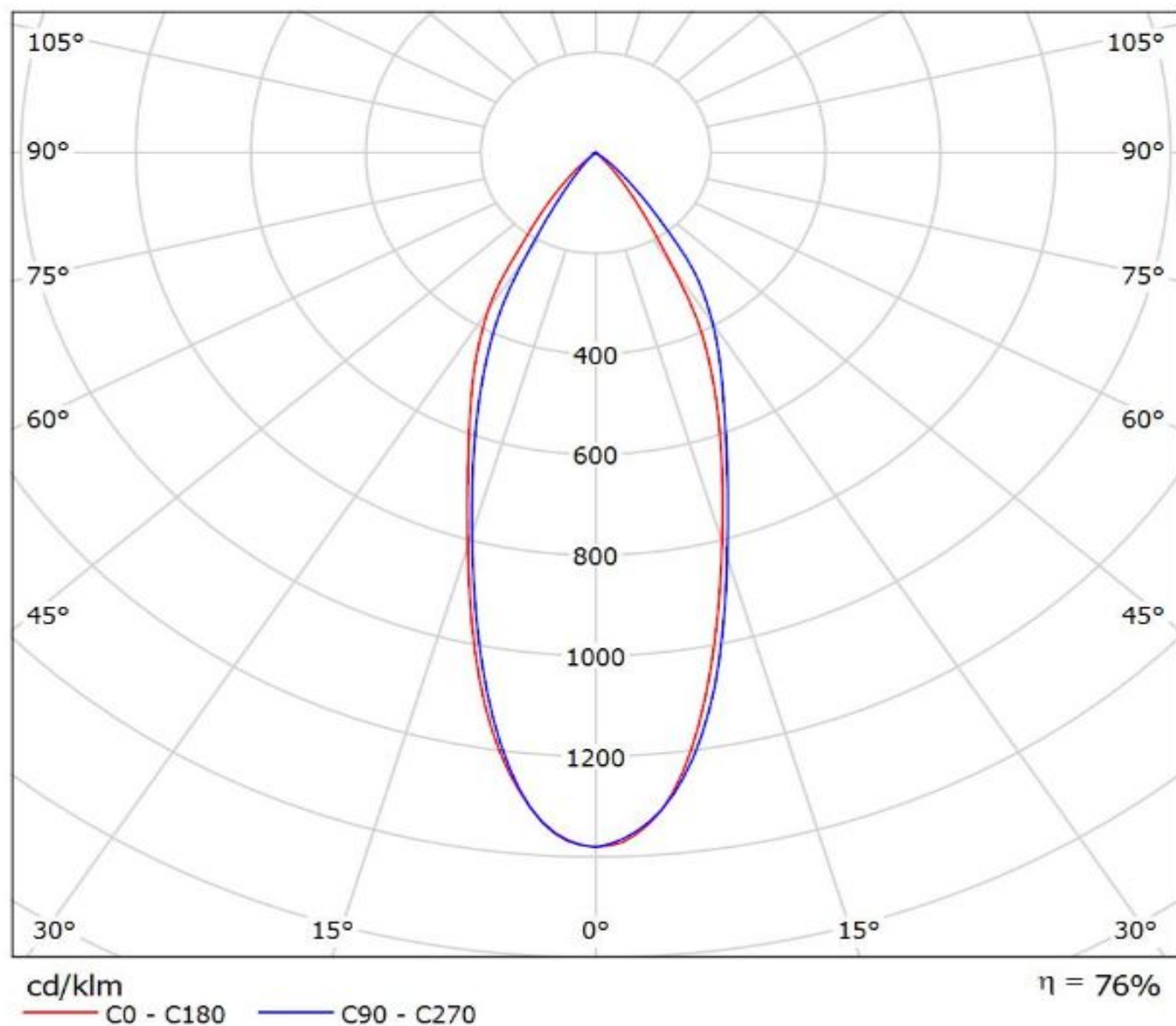
— C90 - C270

$\eta = 80\%$

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

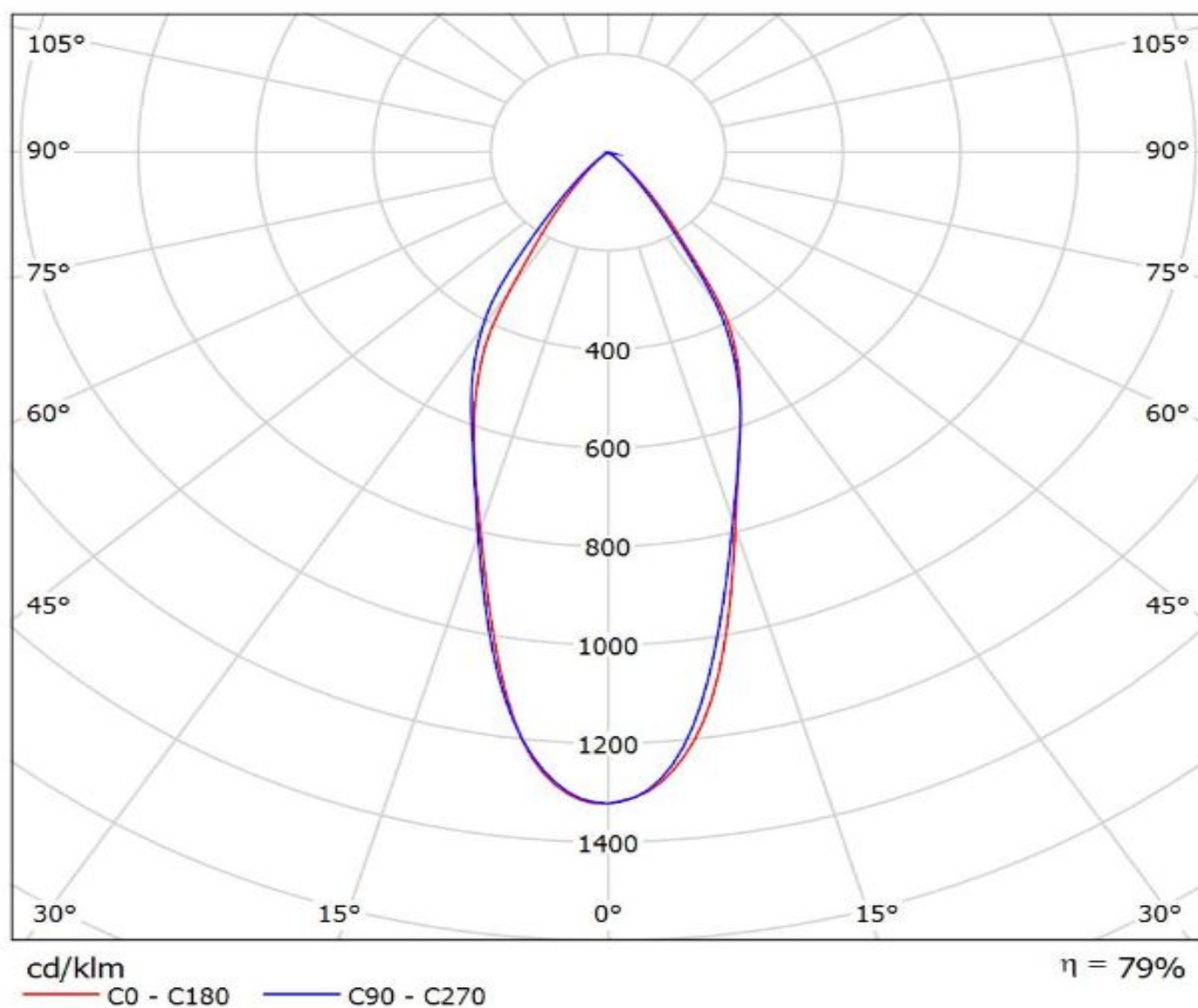


Ledil FC15004_FLORENTINA-WW_(Rebel_Plus) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_Plus)

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

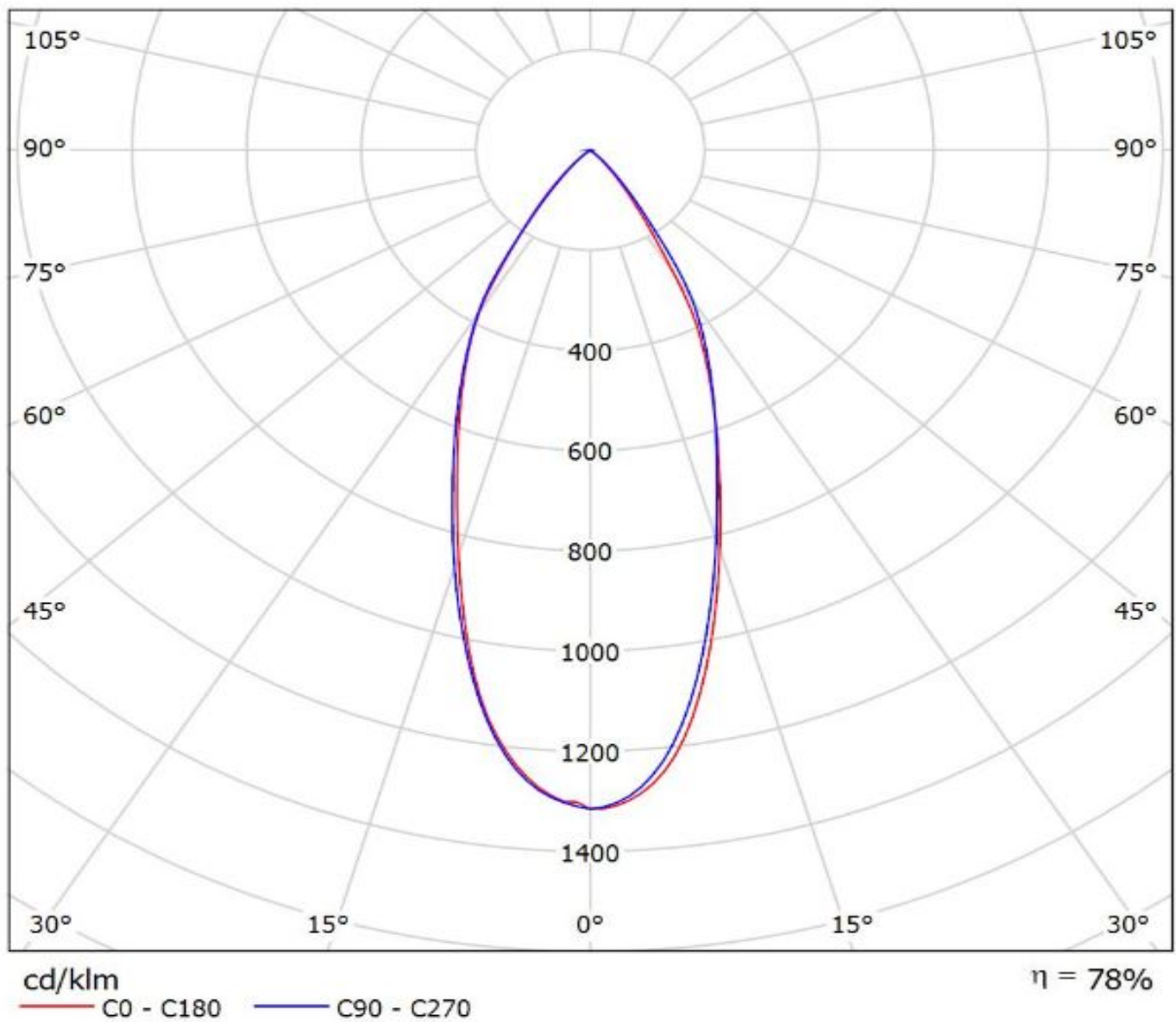
_1023.73lm@250mA_CCT=4000K_P=8.4525W_I=0.25A



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

Luminaire: Ledil FC15004_FLORENTINA-WW_(Luxeon_TX)

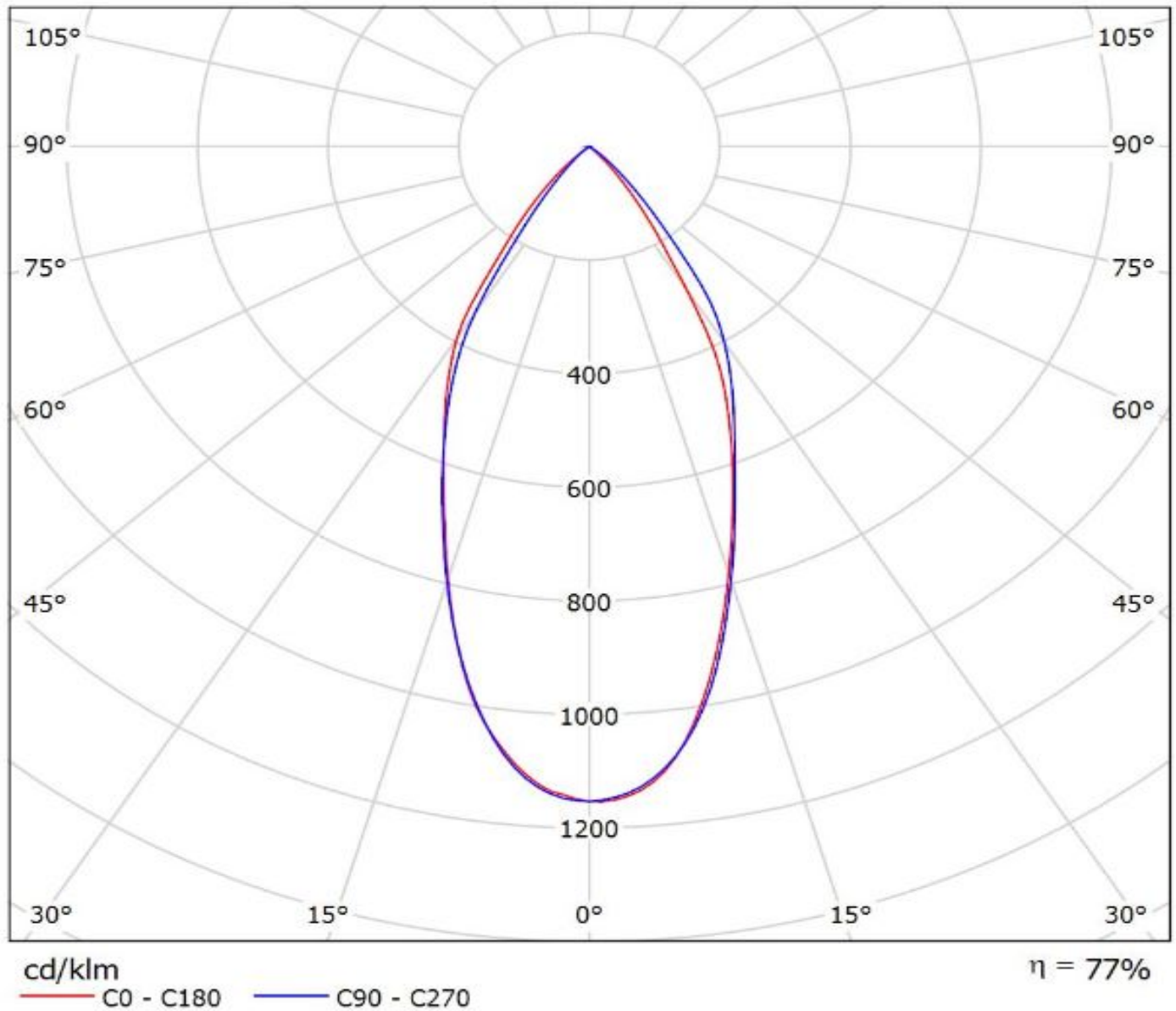
Lamps: 1 x Luxeon_TX_x12_(L1T2-5770)_1350.11lm@250mA_CCT=5700K_P=8.3223W_I=0.25A



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

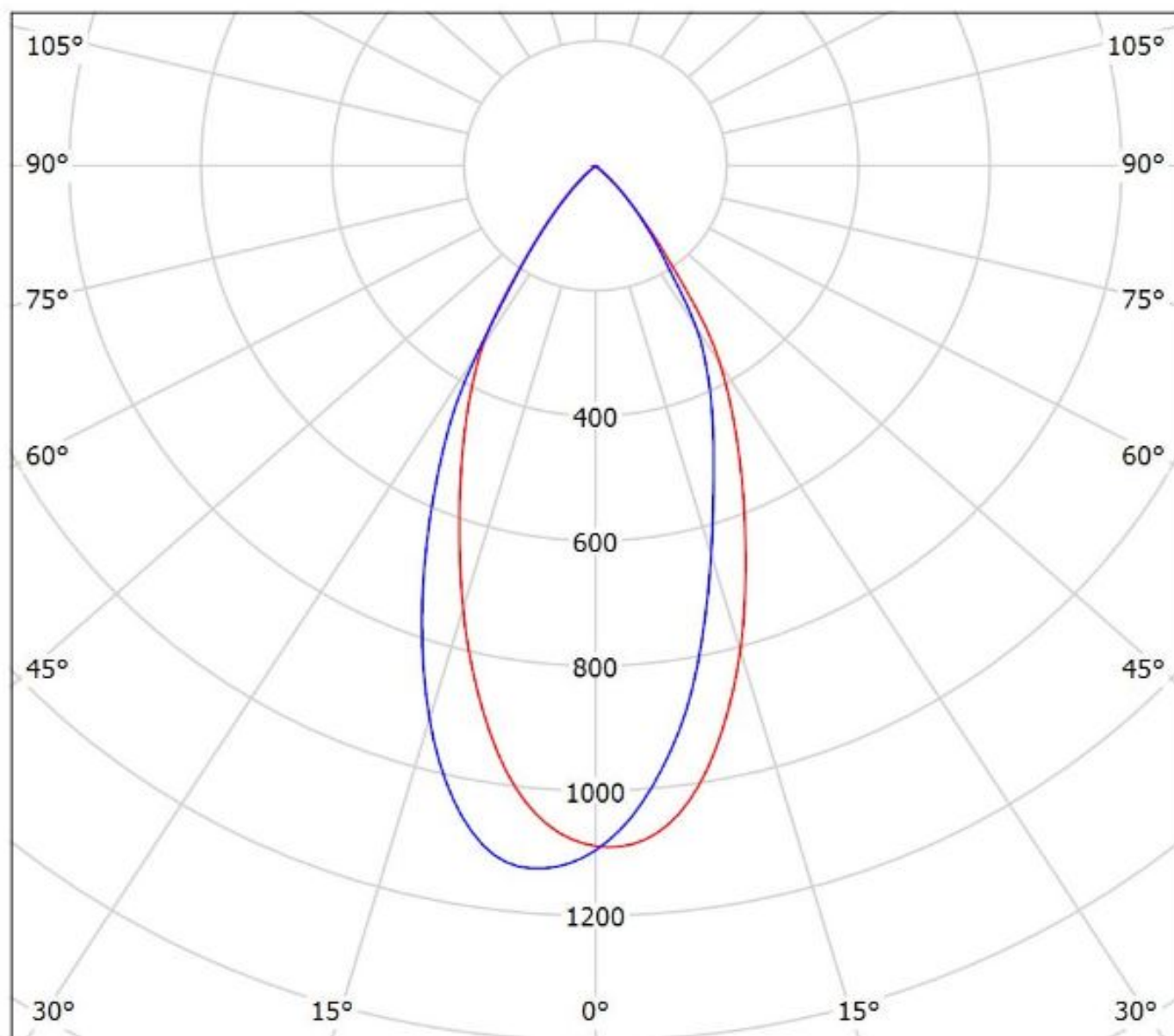
Luminaire: Ledil FC15004_FLORENTINA-WW_(Rebel_ES)

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



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

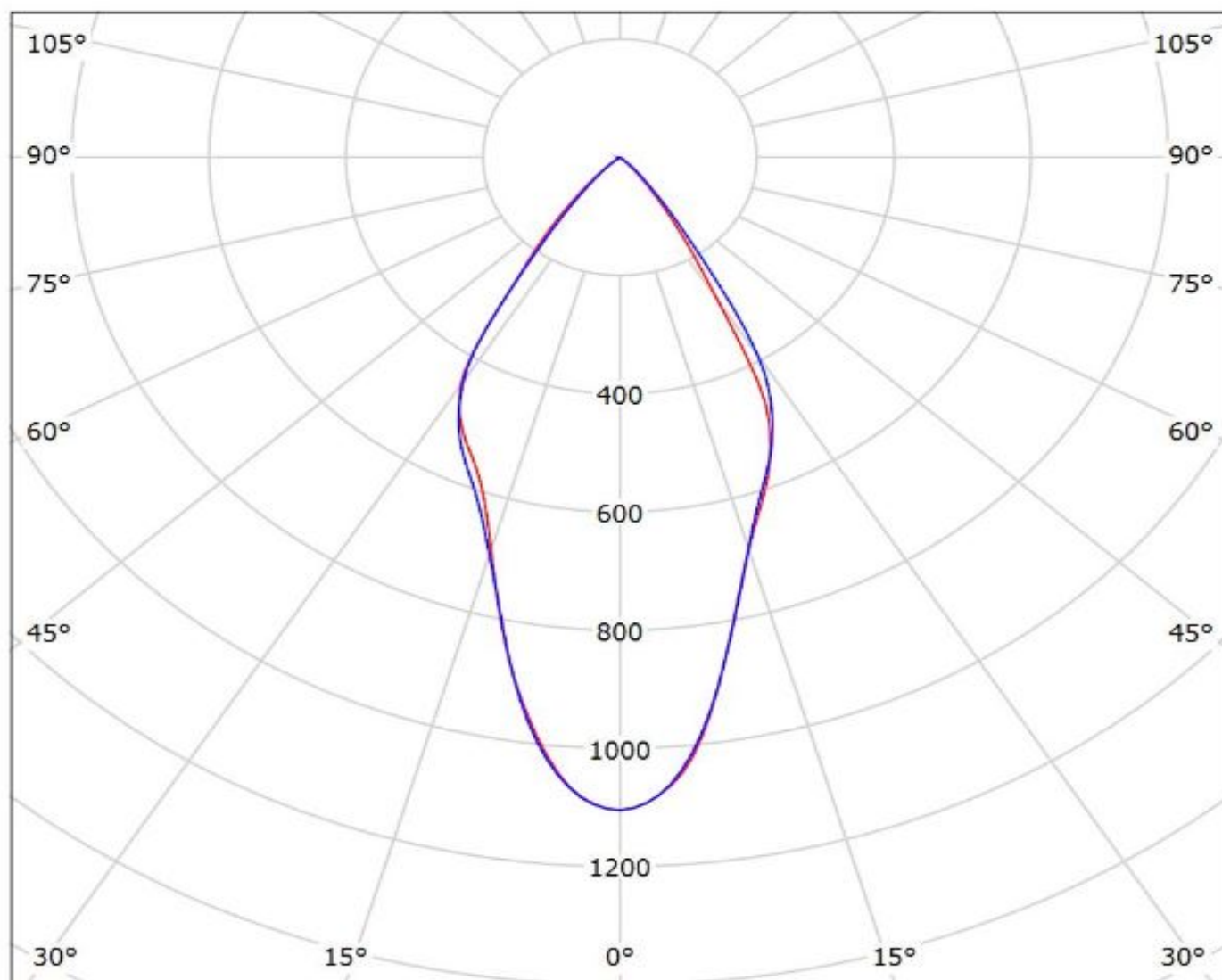
— C90 - C270

η = 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



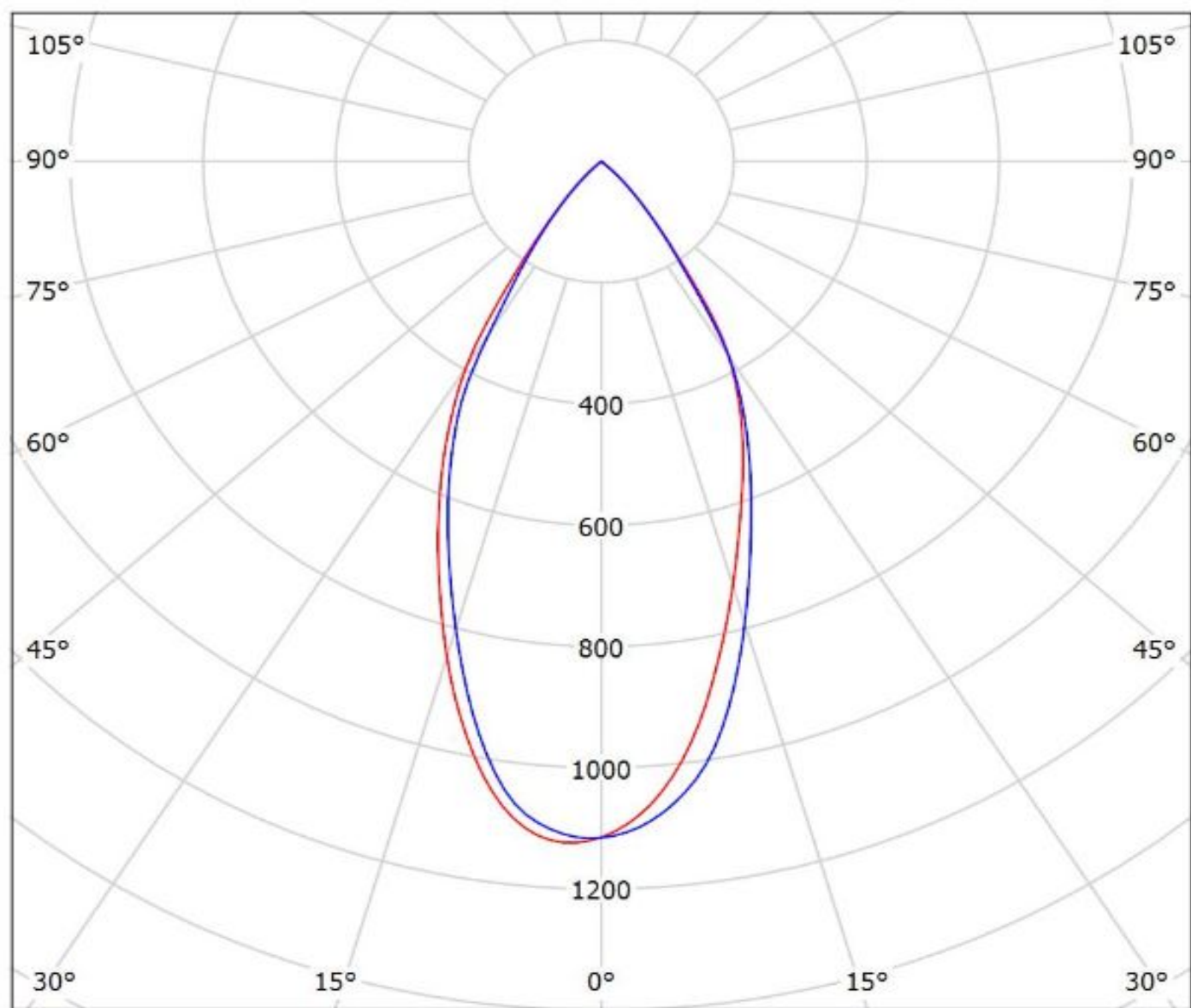
cd/klm

— C0 - C180

— C90 - C270

$\eta = 75\%$

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



cd/klm

— C0 - C180

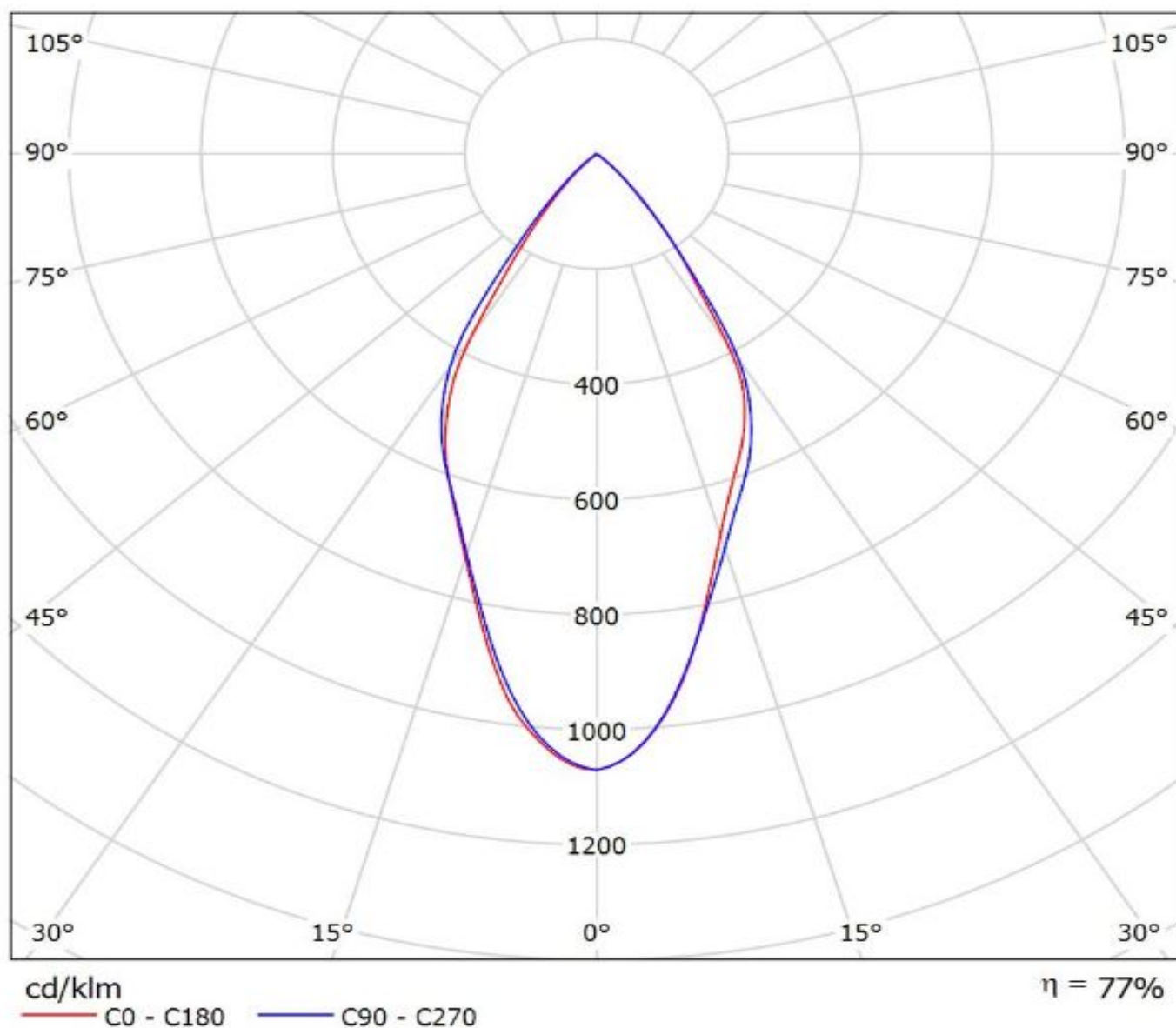
— C90 - C270

$\eta = 77\%$

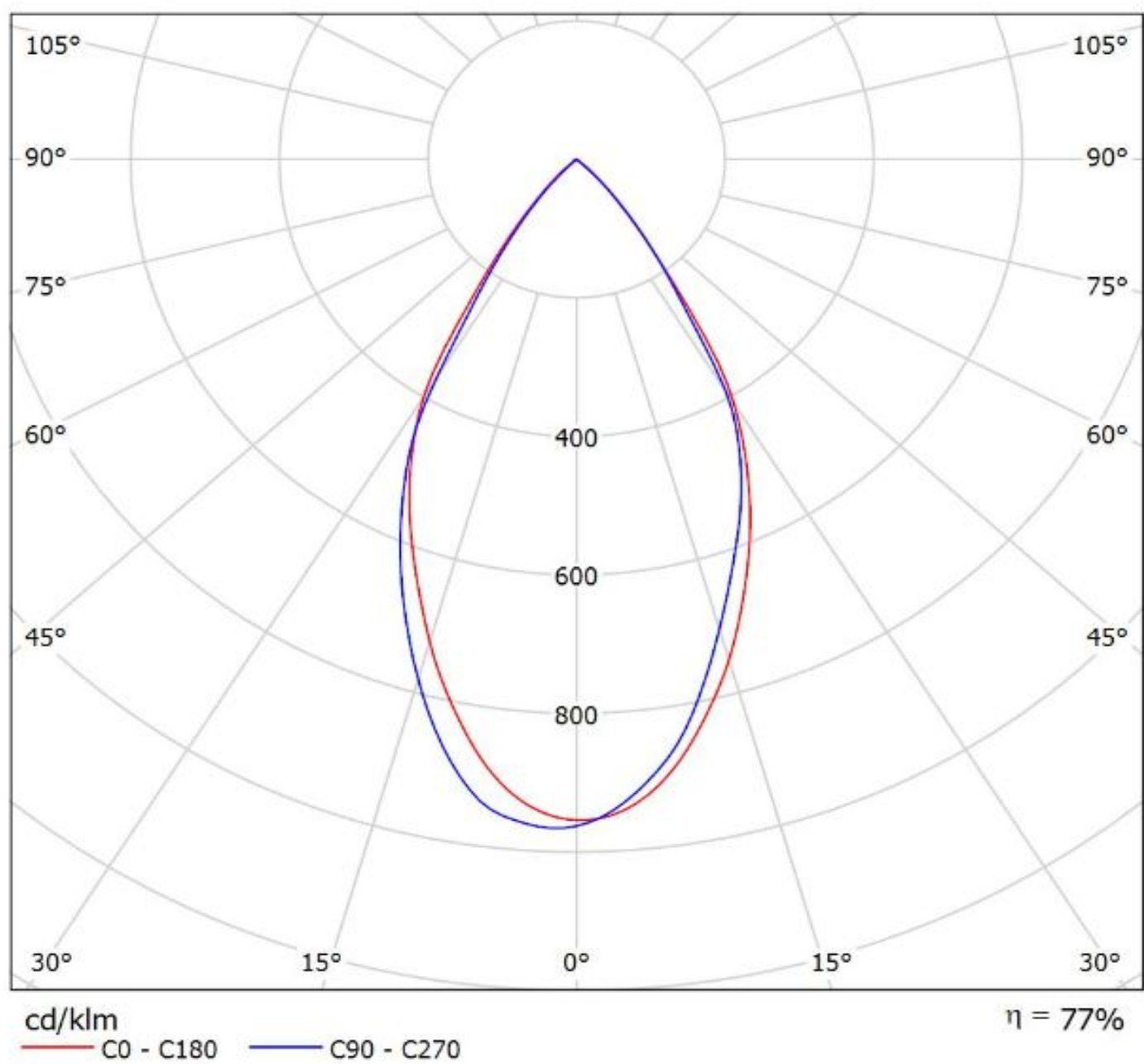
Ledil FC15004_FLORENTINA-WW_(XP-E2) / LDC (Polar)

Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-E2)

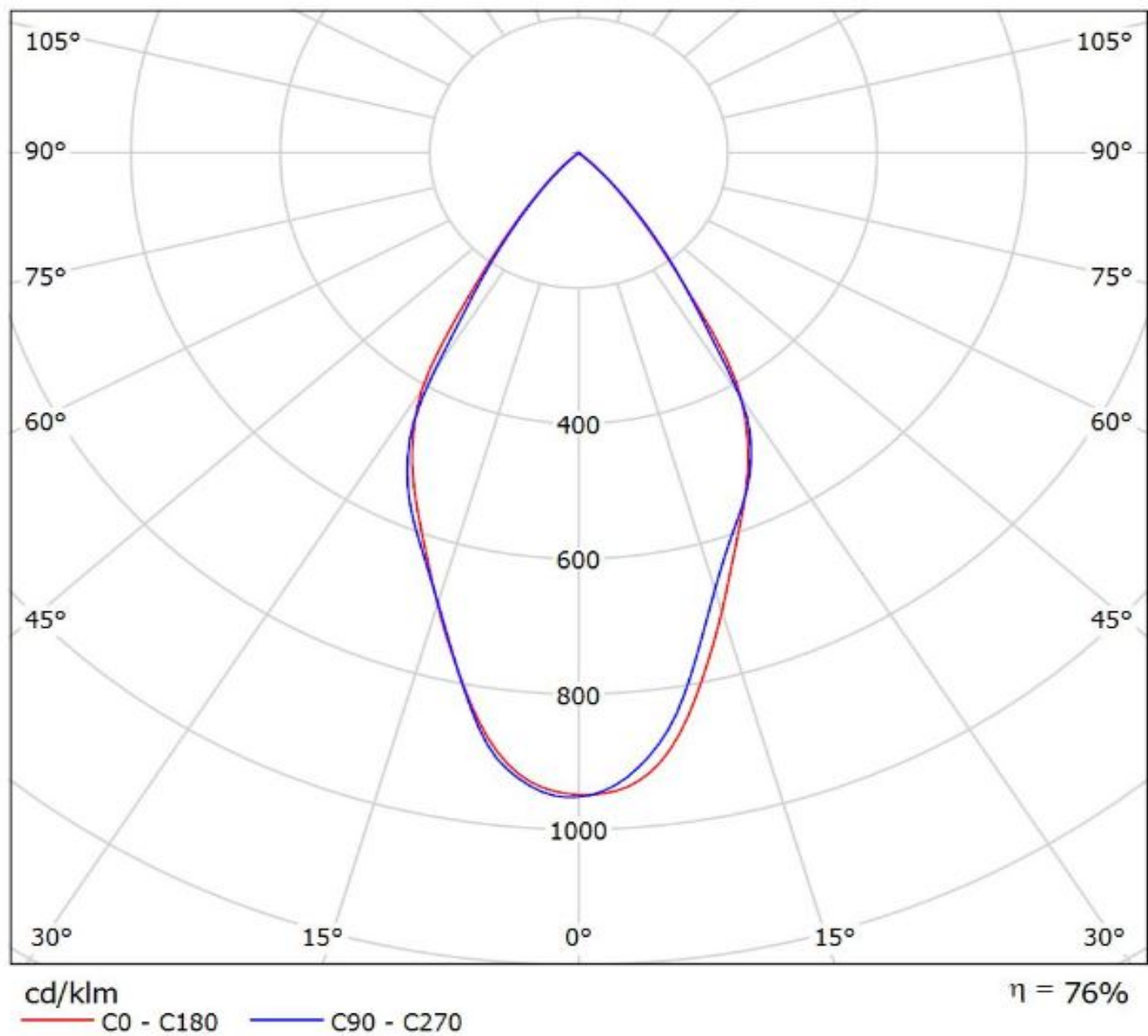
Lamps: 1 x Cree_XP-E2_x12_(XPEBWT-H1-7A2-Q3-0-03)_919.369lm@250mA_P=8.6517W_I=0.25A



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

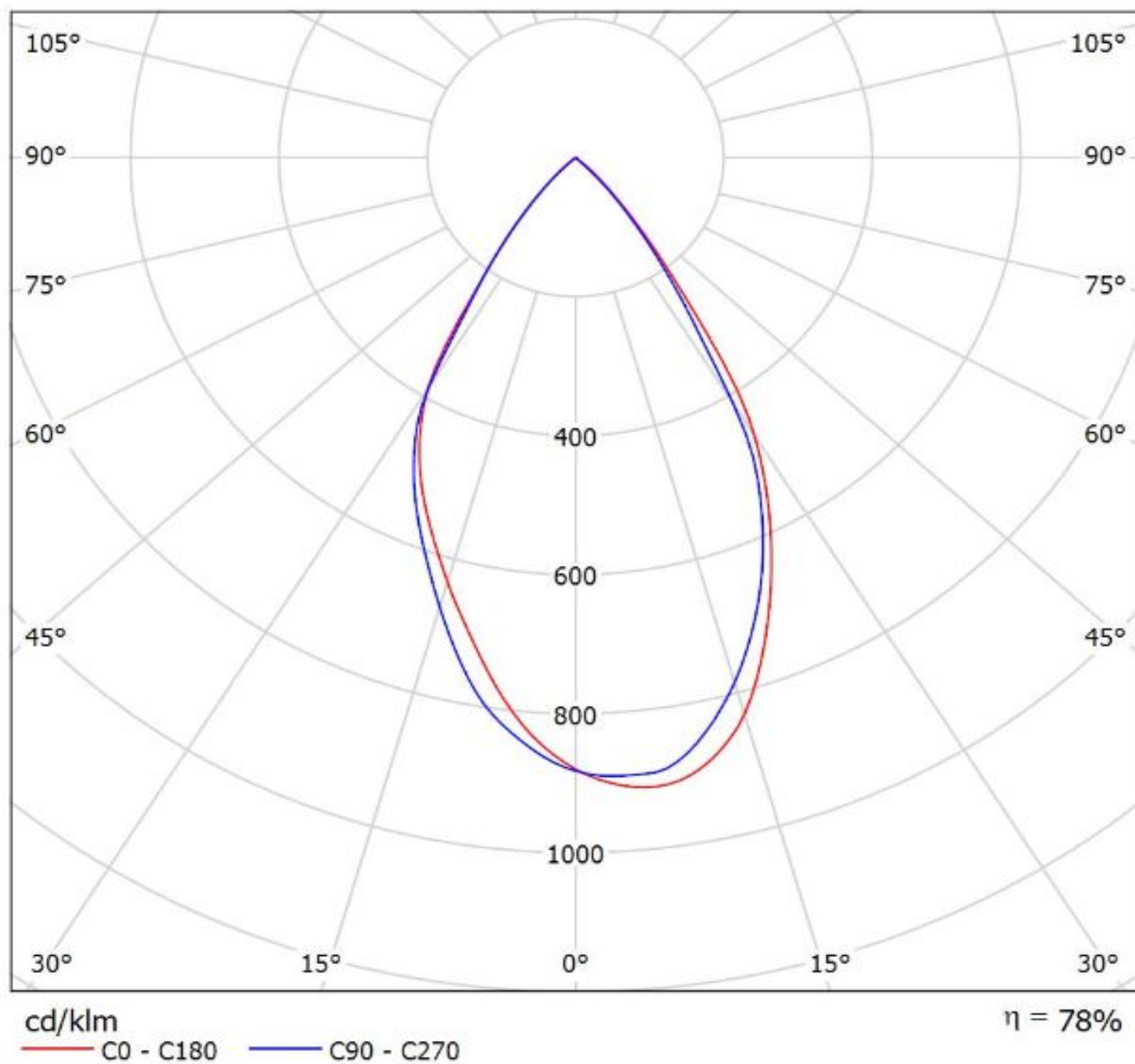


Luminaire: Ledil FC15004_FLORENTINA-WW_(SQ-EC)
Lamps: 1 x OSLOM_SQUARE-EC_x12_1046.45lm@250mA_P=8.3193W_I=0.25A



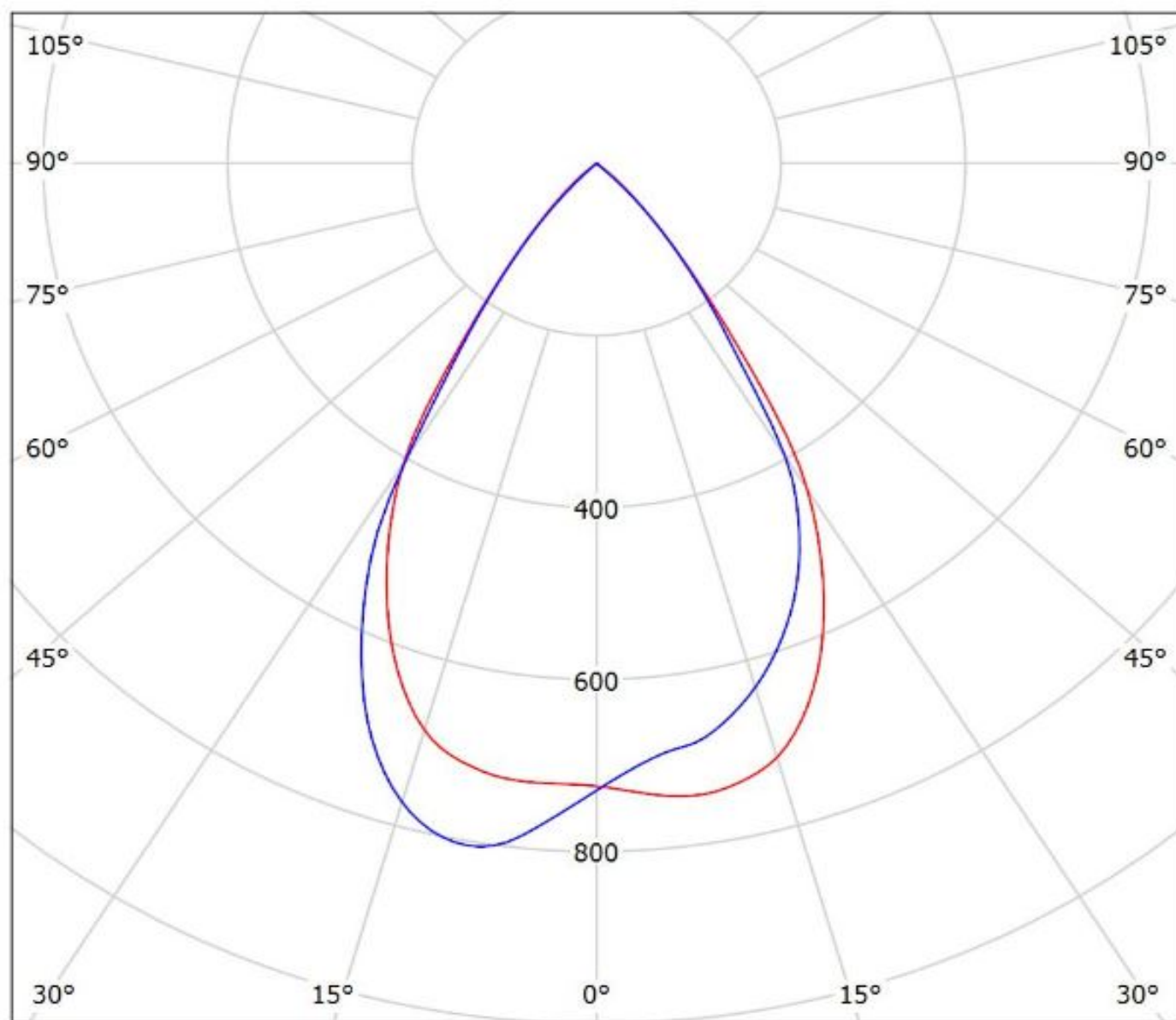
Luminaire: Ledil FC15004_FLORENTINA-WW_(XP-G2)

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_(LH351B)

Lamps: 1 x Samsung_LH351B_x12_1310.26@250mA_P=8.4105W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 76\%$

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.