

## DETAILS

<b>Product Number</b>	FC14974_FLORENTINA-2X2-O
<b>Family</b>	Florentina-2X2
<b>Type</b>	Pack
<b>Color</b>	black
<b>Diameter</b>	95,57x95,57 mm
<b>Height</b>	17,72 mm
<b>Style</b>	square
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	pin, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	4/10/2016



## OPTICAL PROPERTIES

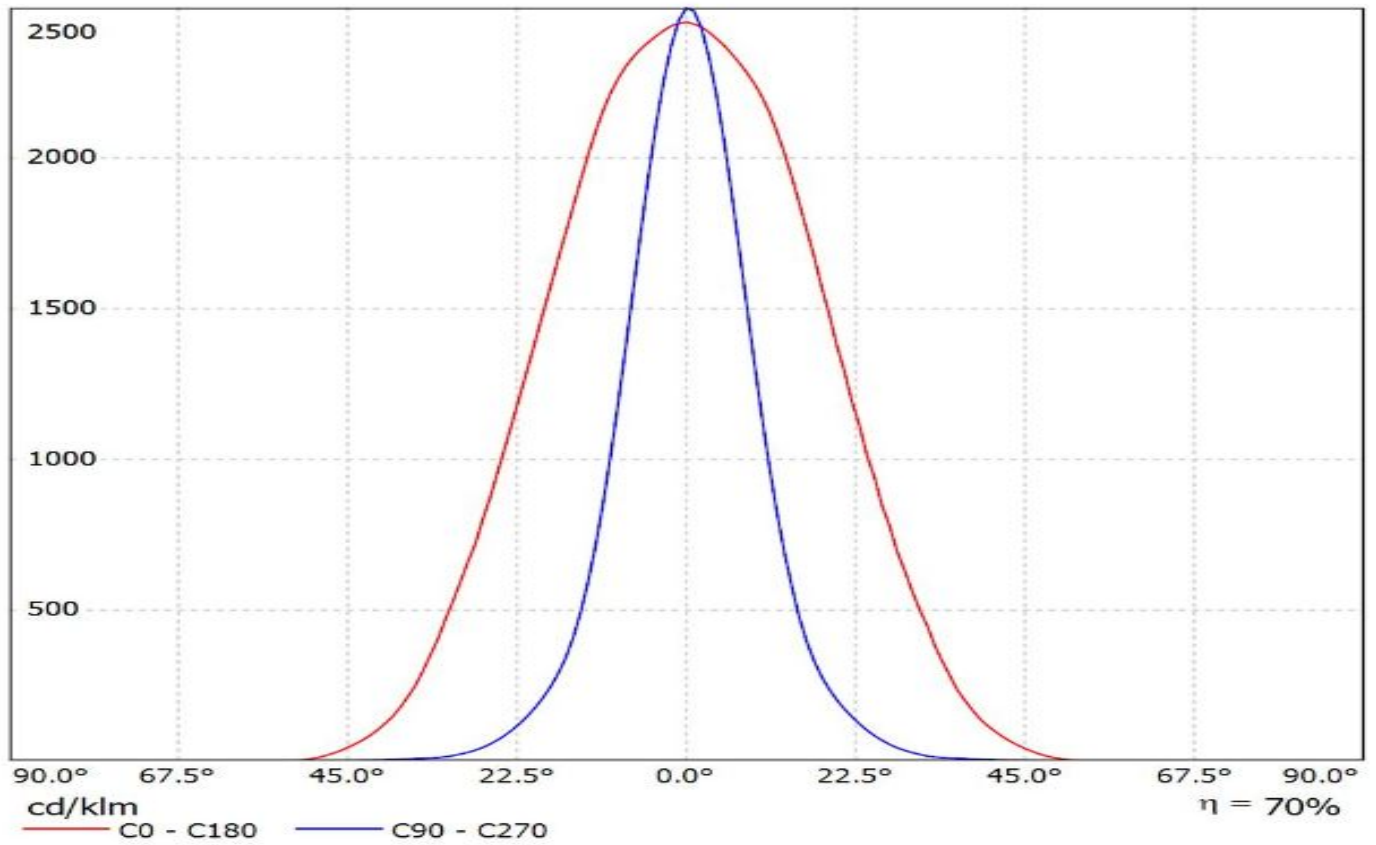
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-L	44+18 deg		70 %	2.500	-
XHP35 HD	43+20 deg		72 %	2.200	-
LUXEON TX	46+15 deg		75 %	3.000	-
LUXEON MZ	44+18 deg		70 %	2.400	-
NVSxx19B/NVSxx19C	44+17 deg		73 %	2.700	-
Oslon Square EC	45+15 deg		74 %	2.800	-
Oslon Square Gen3	46+15 deg		70 %	2.900	-



# Ledil FC14974\_FLORENTINA-2X2-O\_(XP-L) / LDC (Linear)

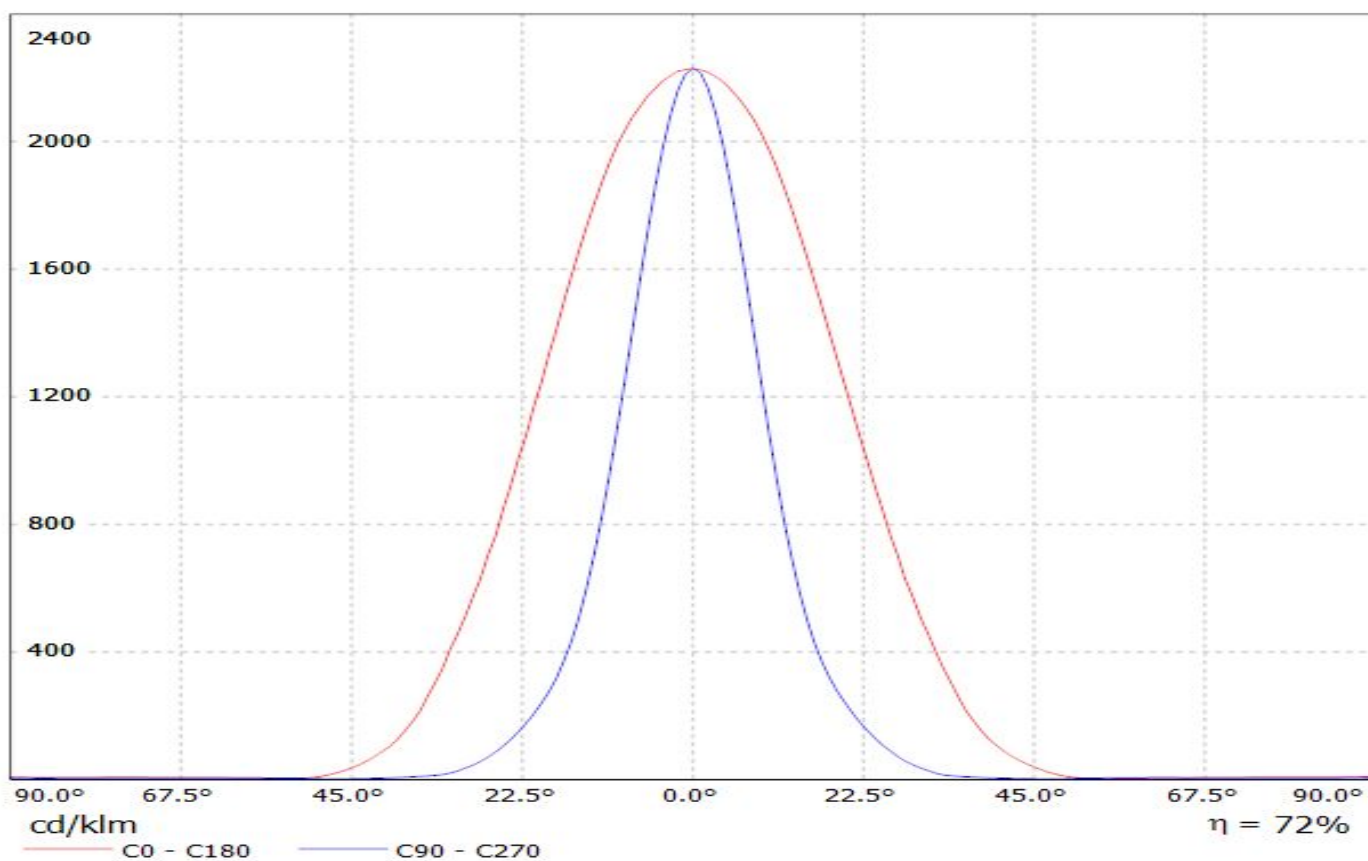
Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(XP-L)

Lamps: 1 x CREE\_XP-L\_2x2MX\_(XPLAWT-0-1B0-V40-00-0001)\_515.493lm@250mA\_P=2.8W\_I=0.25A

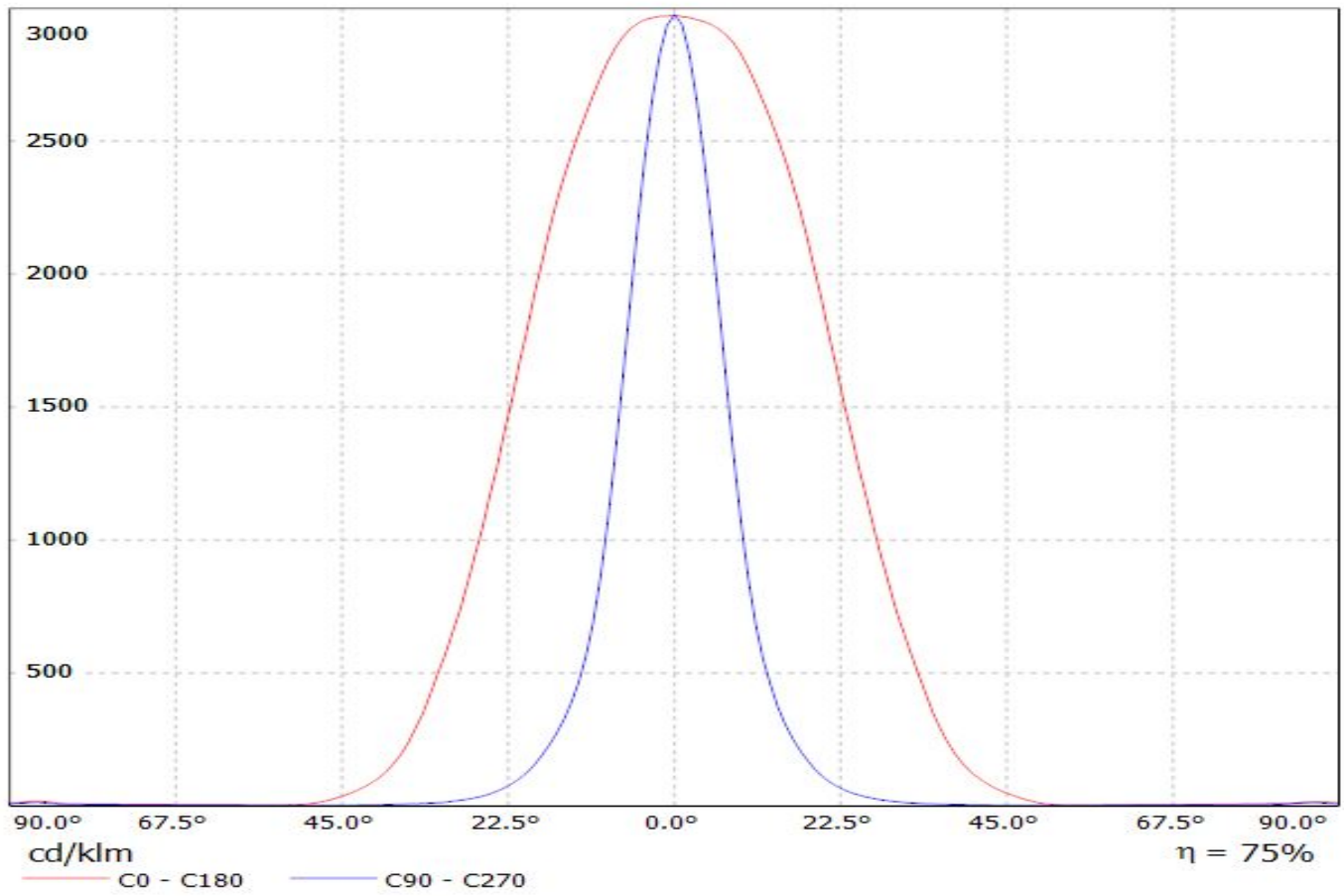


Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(XHP35-HD)

Lamps: 1 x XHP35-HD\_(XHP35A-0-2D0-D40-D0-B-01)\_1705.7lm@250mA\_P=11.219W\_I=0.250A

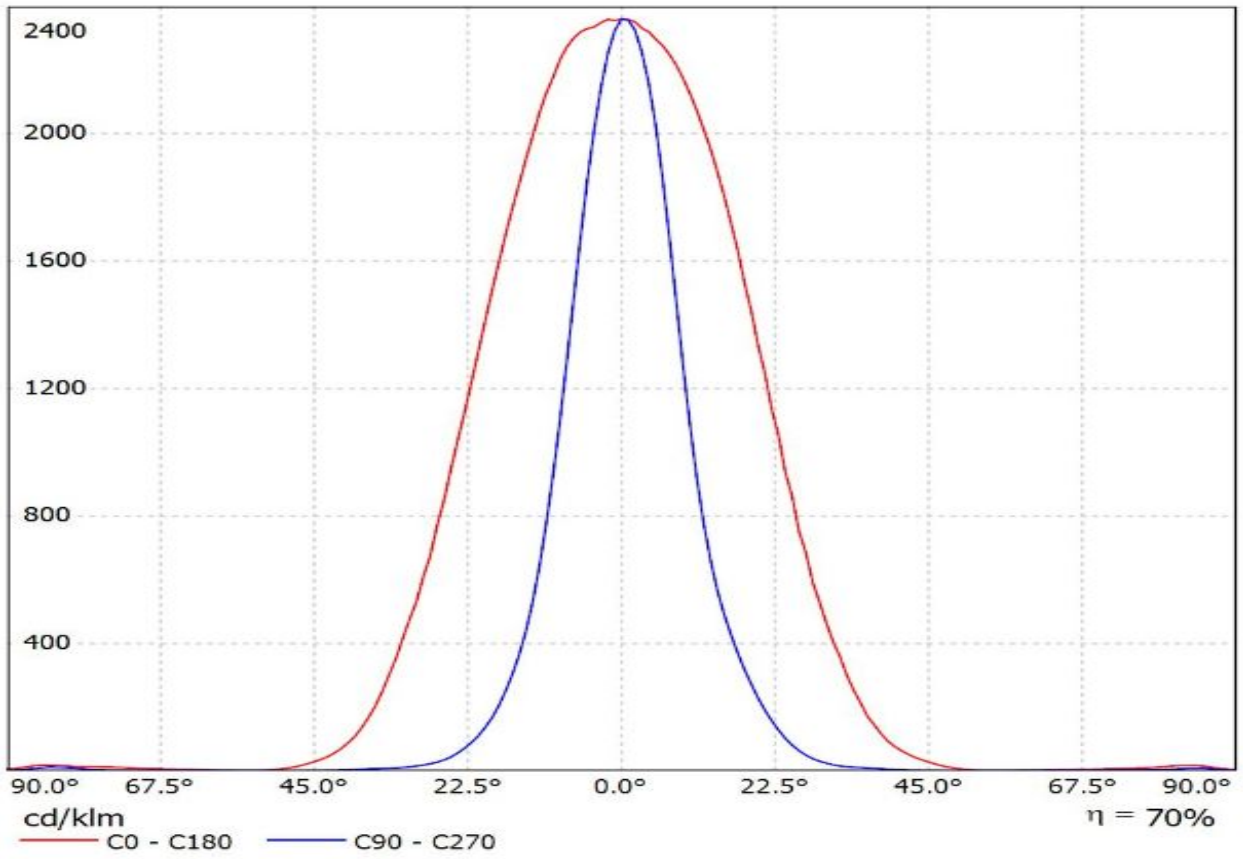


Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(Luxeon\_TX)  
Lamps: 1 x Luxeon\_TX\_(L1T2-3080000000000)\_344.318lm@250mA\_P=2.85411W\_I=0.250A

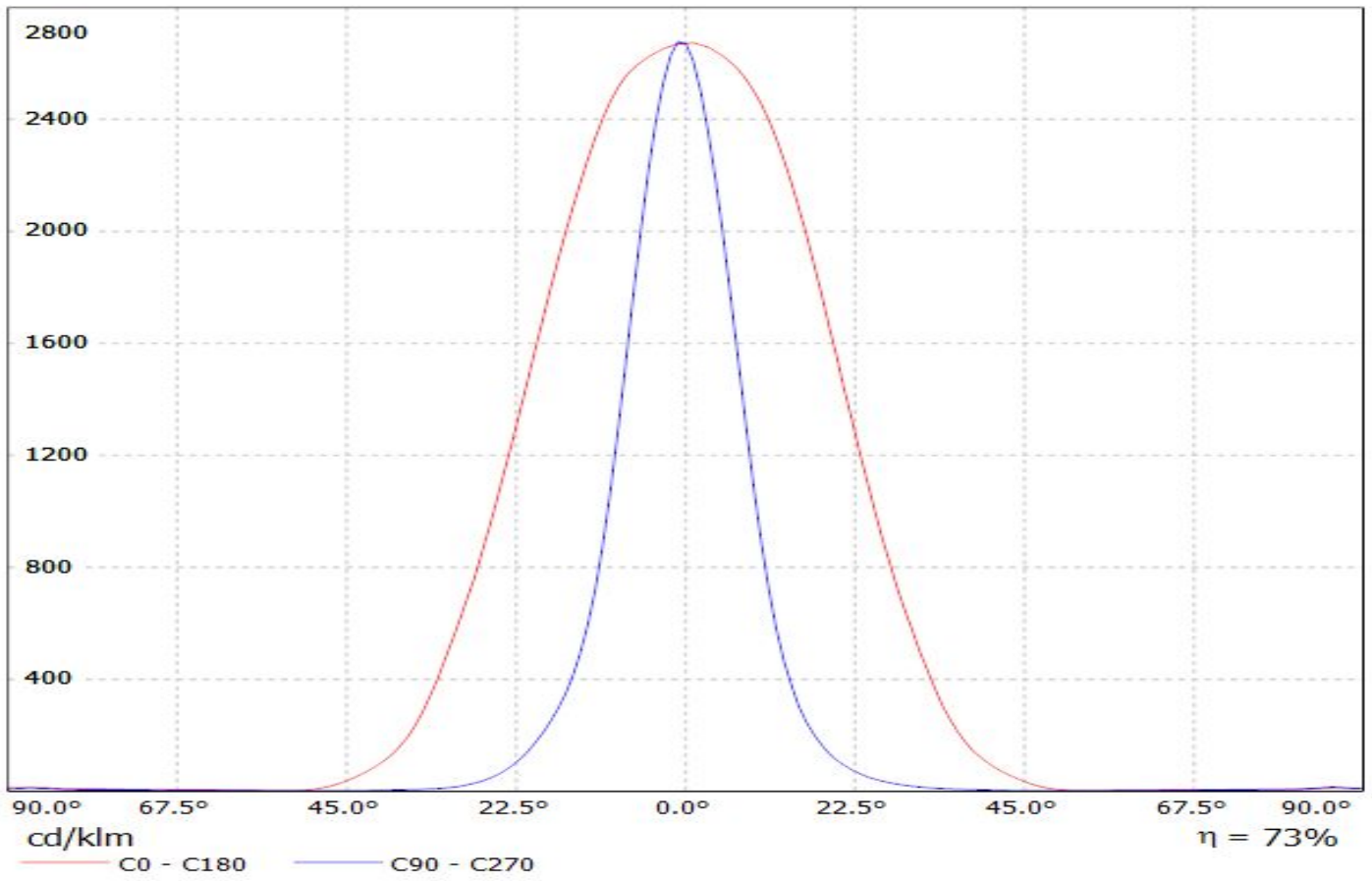


Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(Luxeon\_MZ)

Lamps: 1 x Luxeon\_MZ\_2x2\_(LM29-SW30)\_1110.46lm@250mA\_P=11.0448W\_I=0.25A

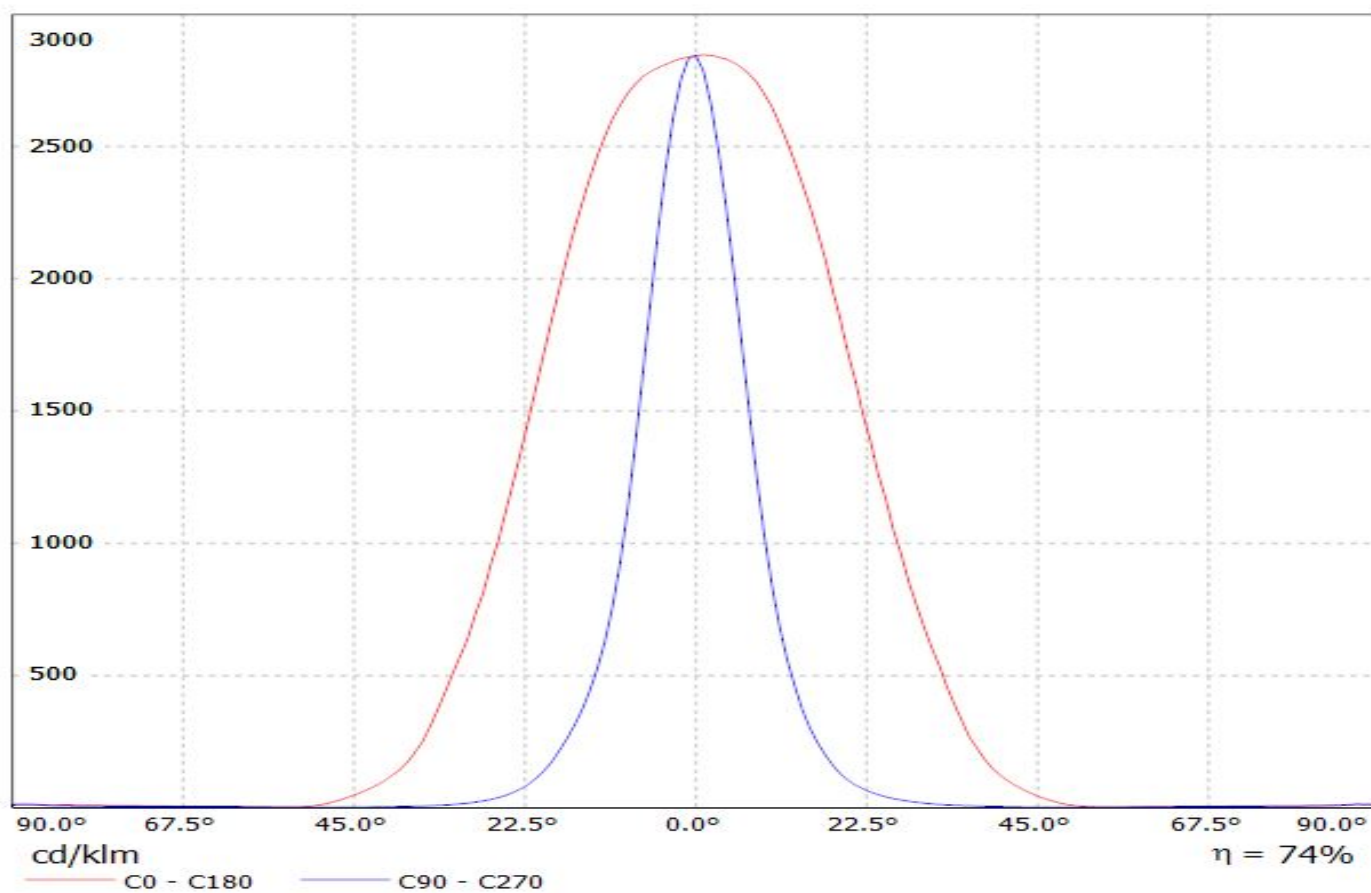


Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(NVSxx19c)  
Lamps: 1 x NVSxx19c\_412.136lm@250mA\_P=2.81612W\_I=0.250A



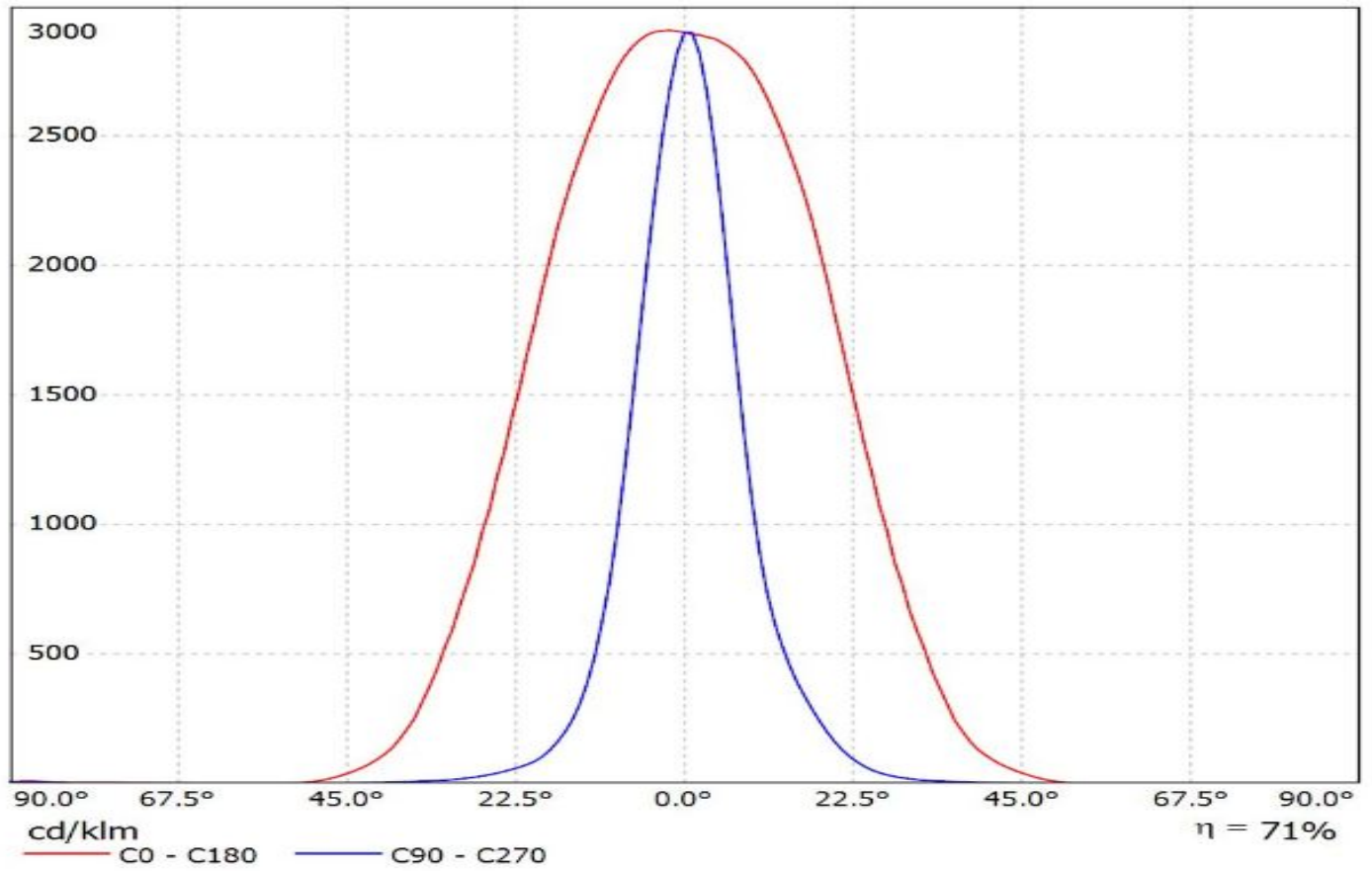


Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(Oslon\_Square)  
Lamps: 1 x Oslon\_Square\_328.682lm@250mA\_P=2.79276W\_I=0.250A





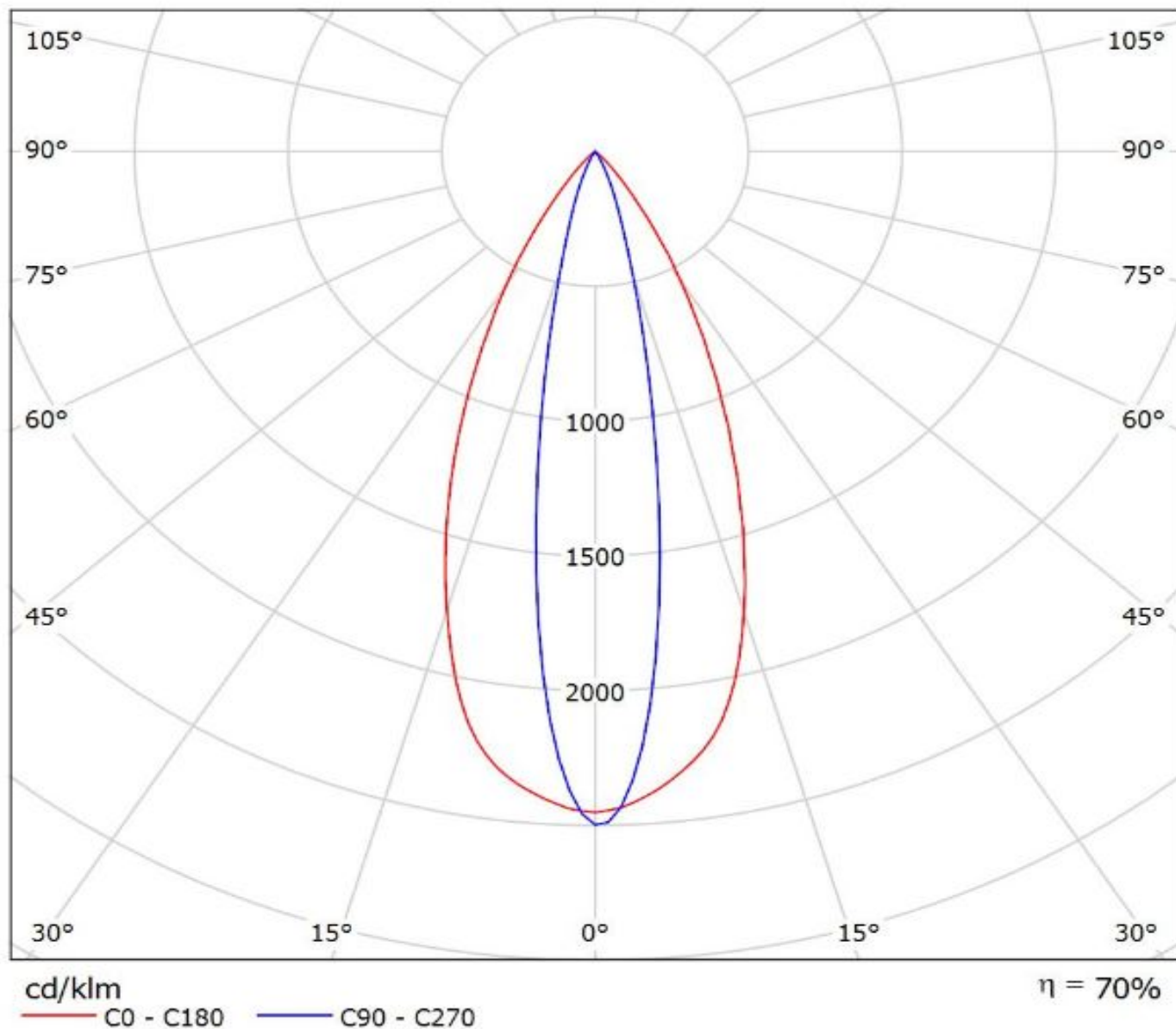
Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(SQ\_Gen3)  
Lamps: 1 x Oslon\_square\_GEN3\_(GW\_CSSRM2.PM-MUNQ-A737-1)  
\_453.421lm@250mA\_P=2.7755W\_I=0.25A



# Ledil FC14974\_FLORENTINA-2X2-O\_(XP-L) / LDC (Polar)

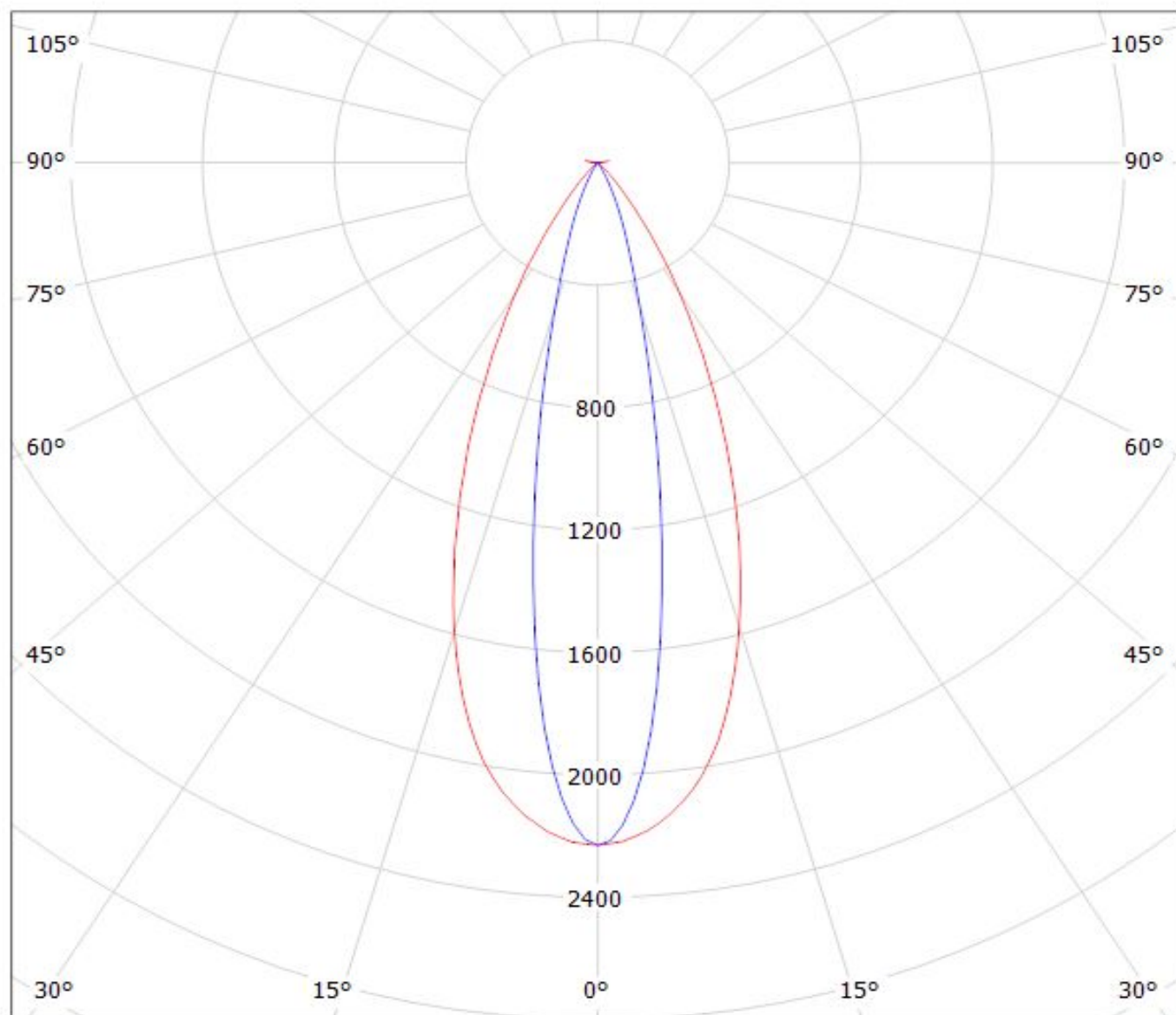
Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(XP-L)

Lamps: 1 x CREE\_XP-L\_2x2MX\_(XPLAWT-0-1B0-V40-00-0001)\_515.493lm@250mA\_P=2.8W\_I=0.25A



Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(XHP35-HD)

Lamps: 1 x XHP35-HD\_(XHP35A-0-2D0-D40-D0-B-01)\_1705.7lm@250mA\_P=11.219W\_η=0.250A



cd/klm

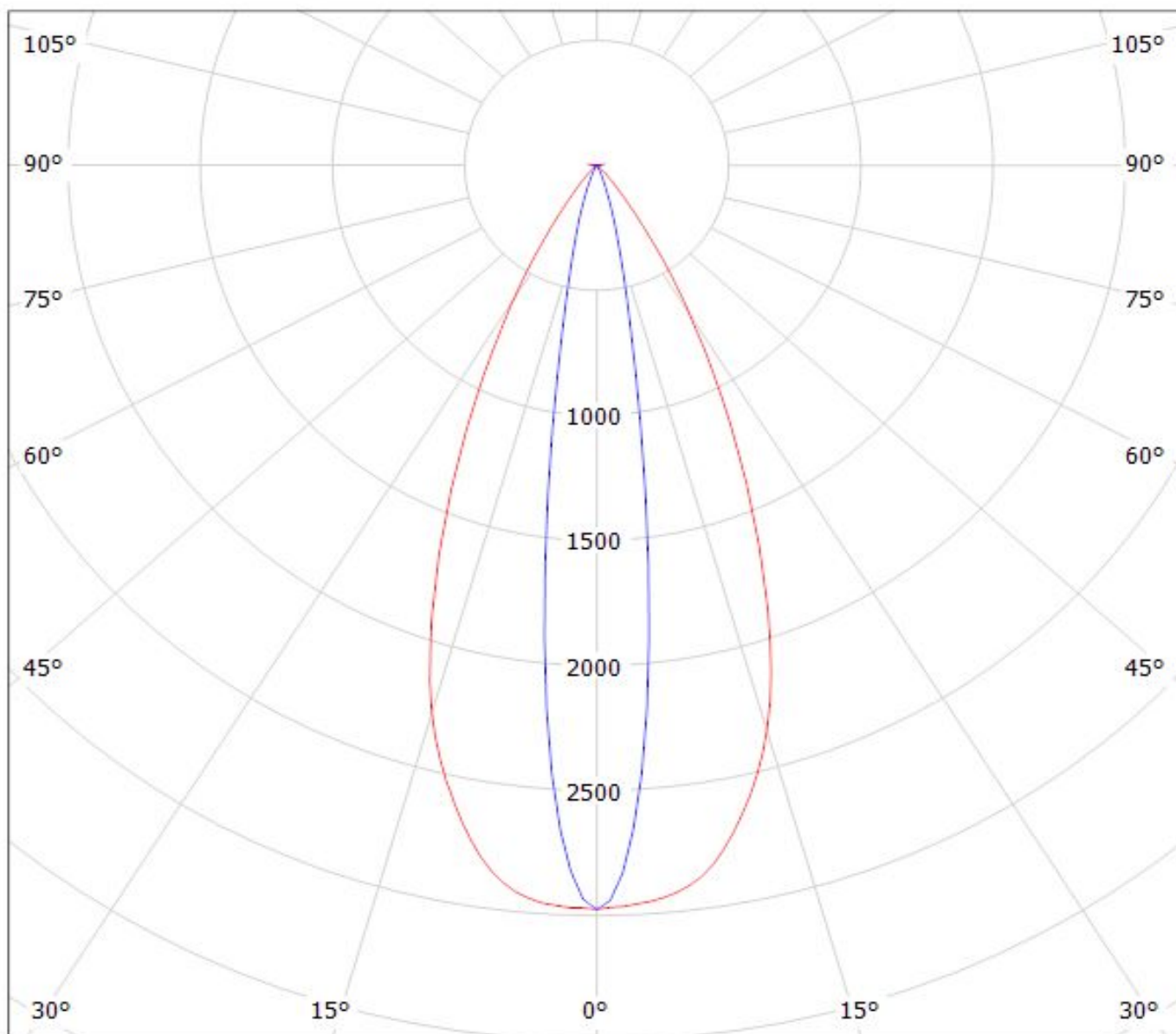
— C0 - C180

— C90 - C270

η = 72%

Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(Luxeon\_TX)

Lamps: 1 x Luxeon\_TX\_(L1T2-3080000000000)\_344.318lm@250mA\_P=2.85411W\_I=0.250A



cd/klm

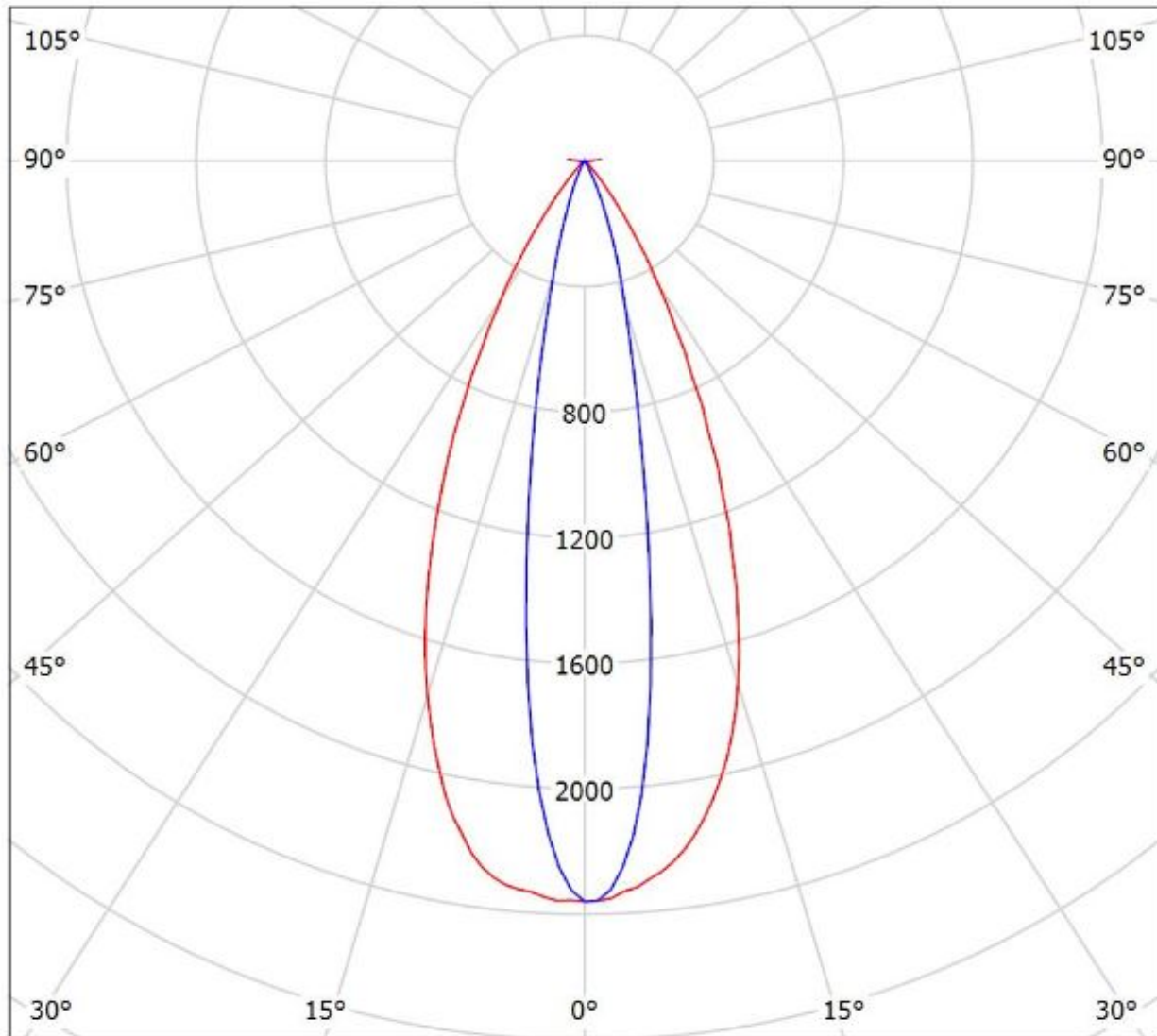
— C0 - C180

— C90 - C270

η = 75%

Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(Luxeon\_MZ)

Lamps: 1 x Luxeon\_MZ\_2x2\_(LM29-SW30)\_1110.46lm@250mA\_P=11.0448W\_I=0.25A

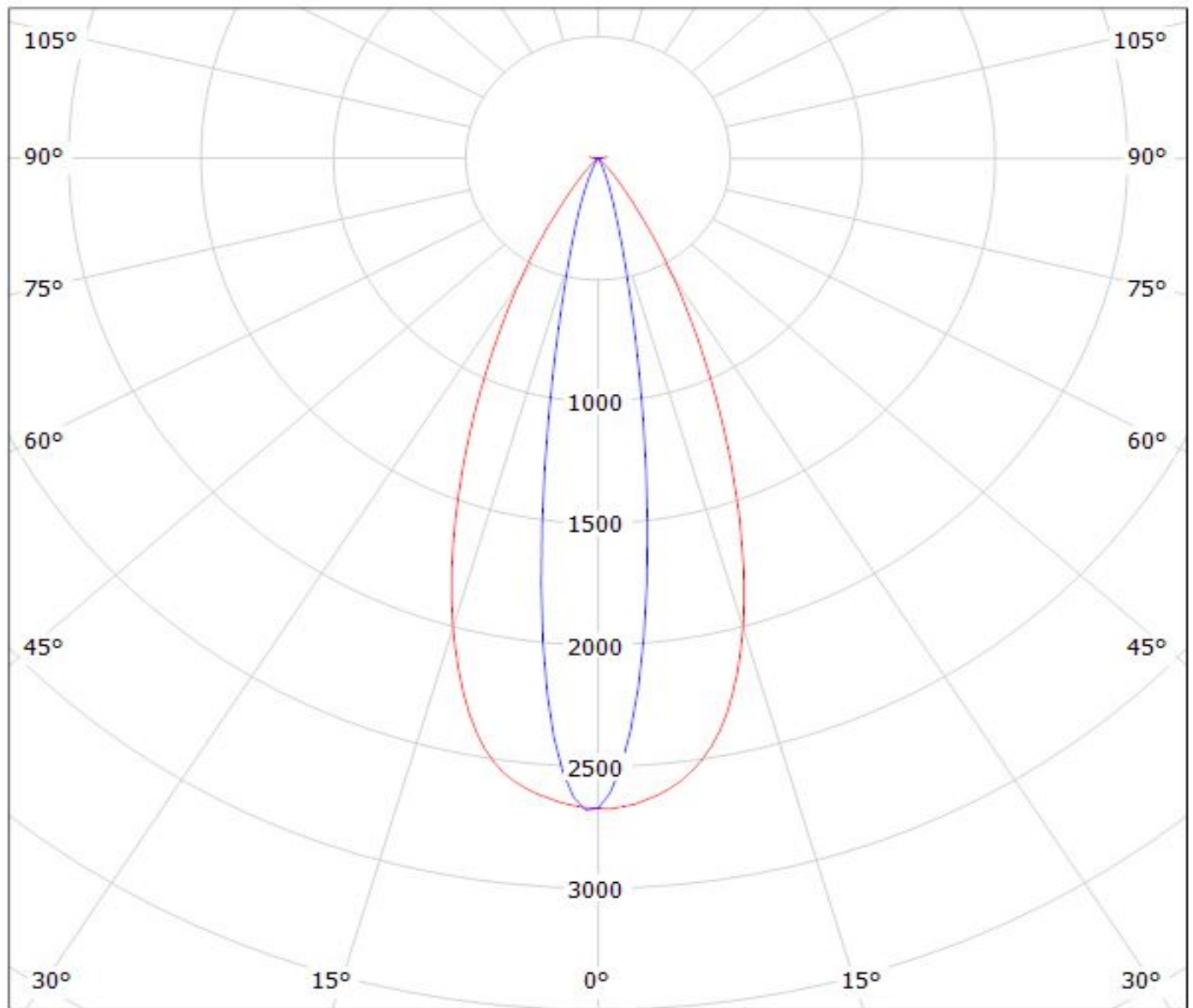


cd/klm

— C0 - C180 — C90 - C270

$\eta = 70\%$

Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(NVSxx19c)  
Lamps: 1 x NVSxx19c\_412.136lm@250mA\_P=2.81612W\_I=0.250A



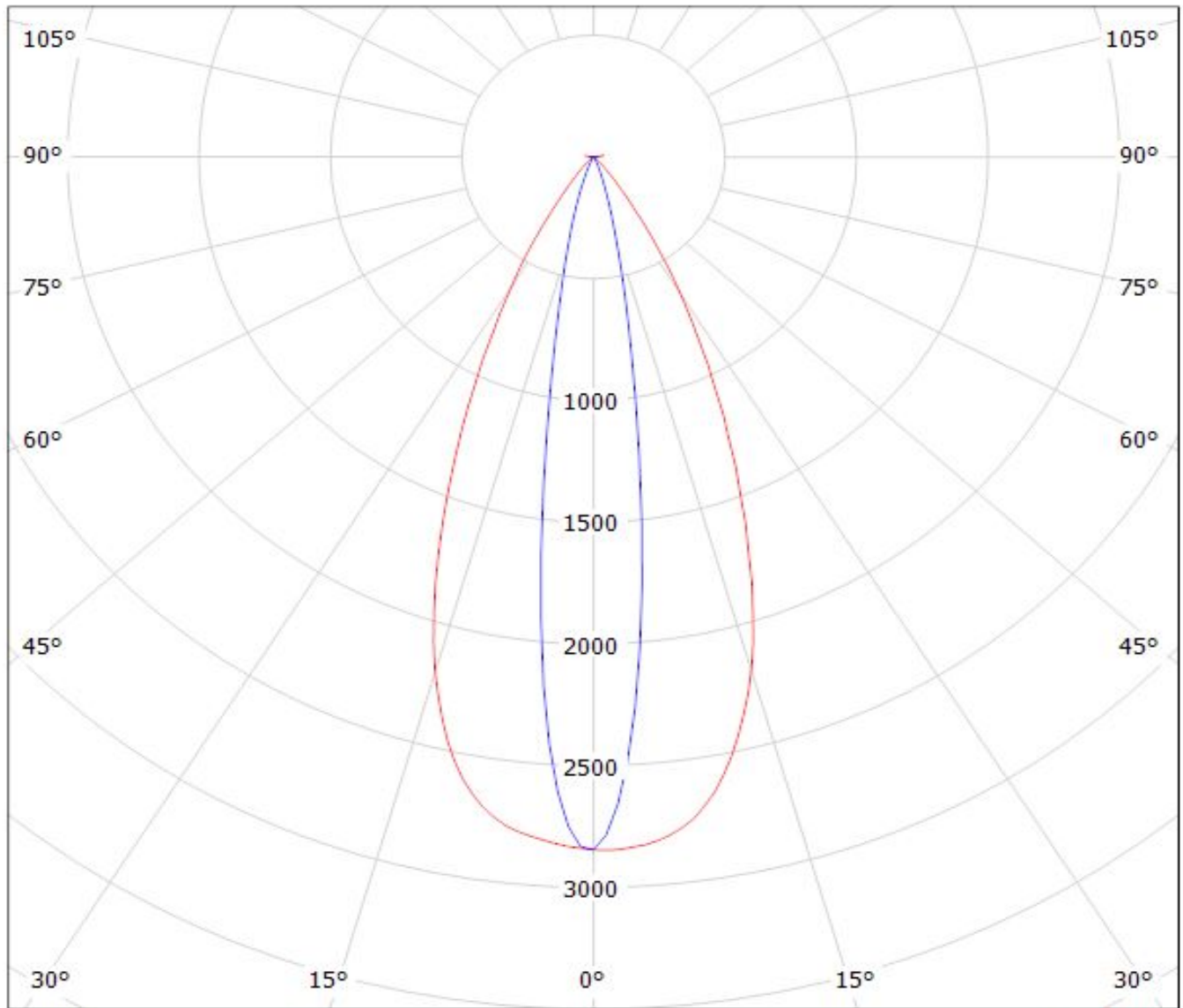
cd/klm

— C0 - C180    — C90 - C270

$\eta = 73\%$



Luminaire: LEDiL Oy FC14974\_FLORENTINA-2X2-O\_(Oslon\_Square)  
Lamps: 1 x Oslon\_Square\_328.682lm@250mA\_P=2.79276W\_I=0.250A



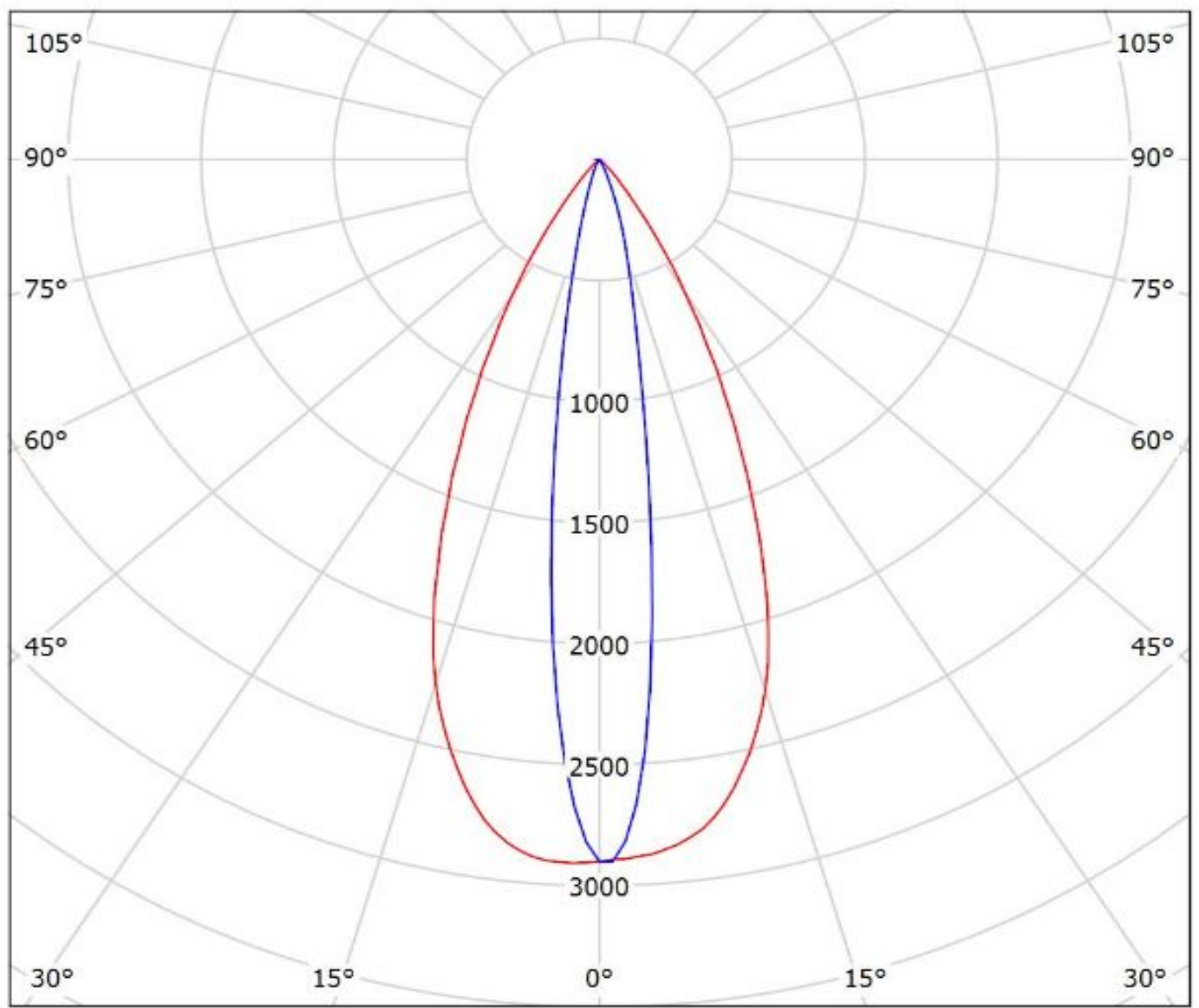
cd/klm

— C0 - C180 — C90 - C270

$\eta = 74\%$



Luminaire: Ledil FC14974\_FLORENTINA-2X2-O\_(SQ\_Gen3)  
Lamps: 1 x Oslon\_square\_GEN3\_(GW\_CSSRM2.PM-MUNQ-A737-1)  
\_453.42lm@250mA\_P=2.7755W\_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 71\%$

**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.**