



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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DETAILS

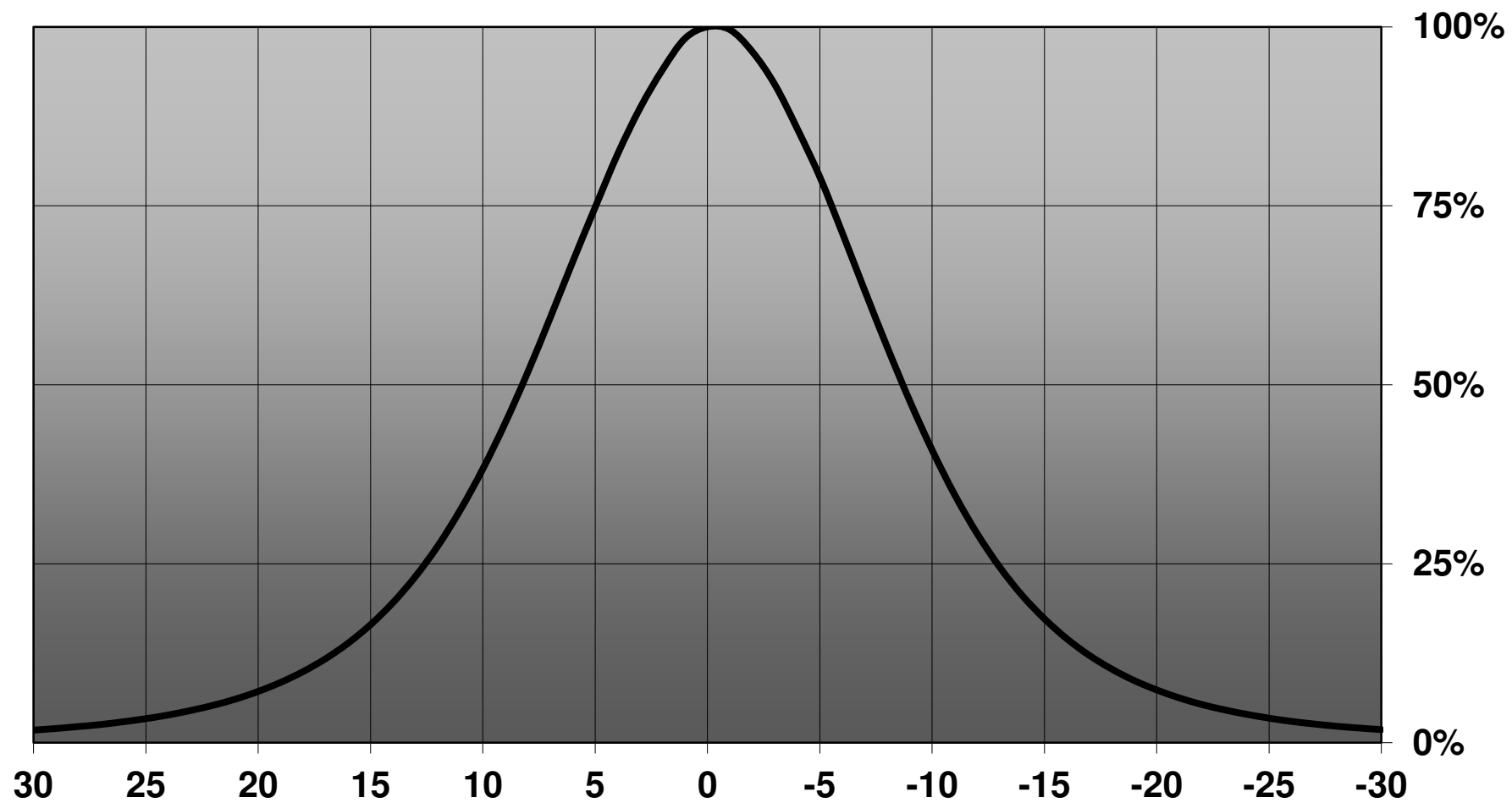
Product Number	FCN13741_GERI-RZ
Family	Geri
Type	Pack
Color	white
Diameter	45 + 45 mm
Height	32,8 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	glue, pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	31/05/2017



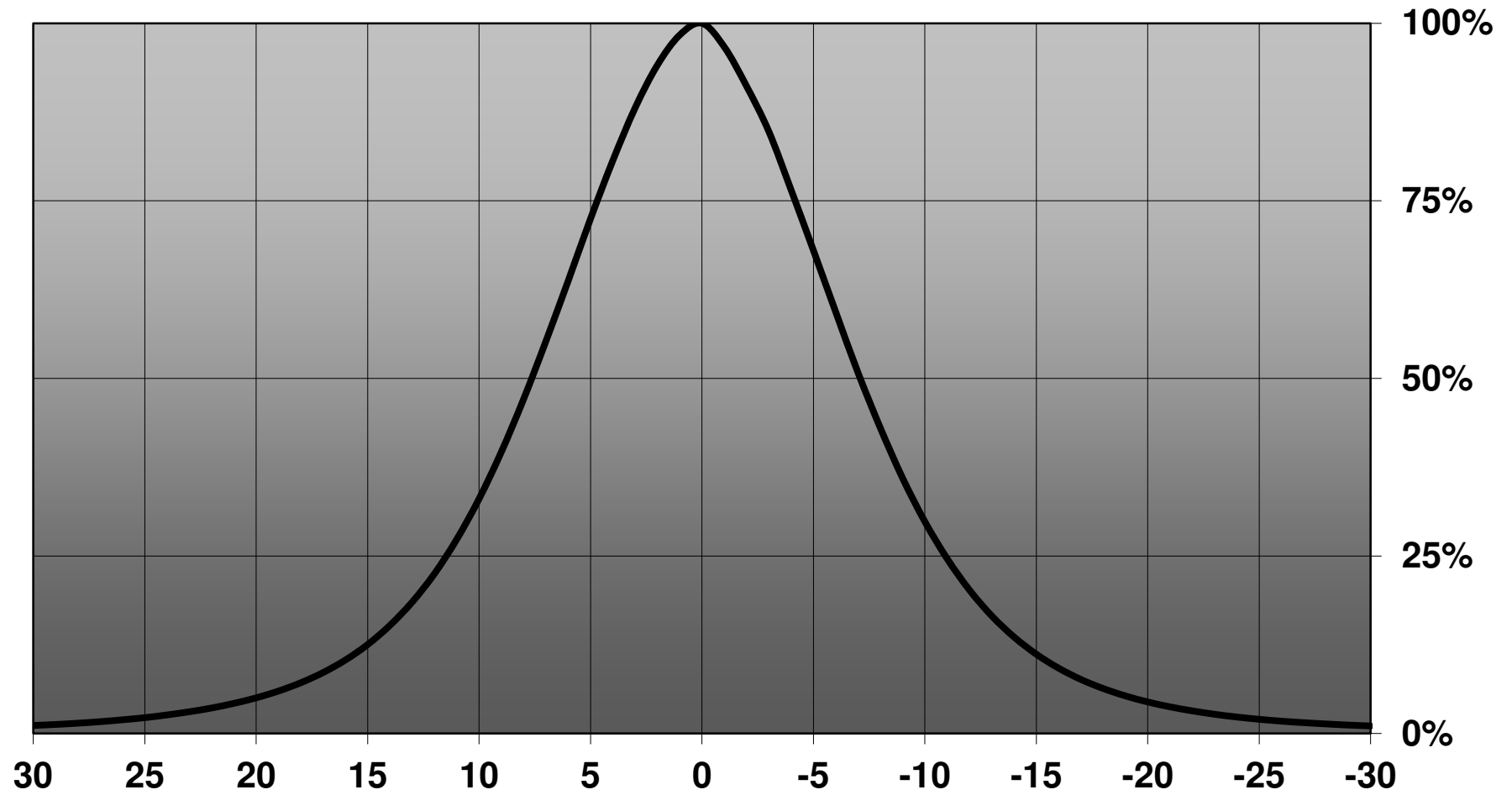
OPTICAL PROPERTIES

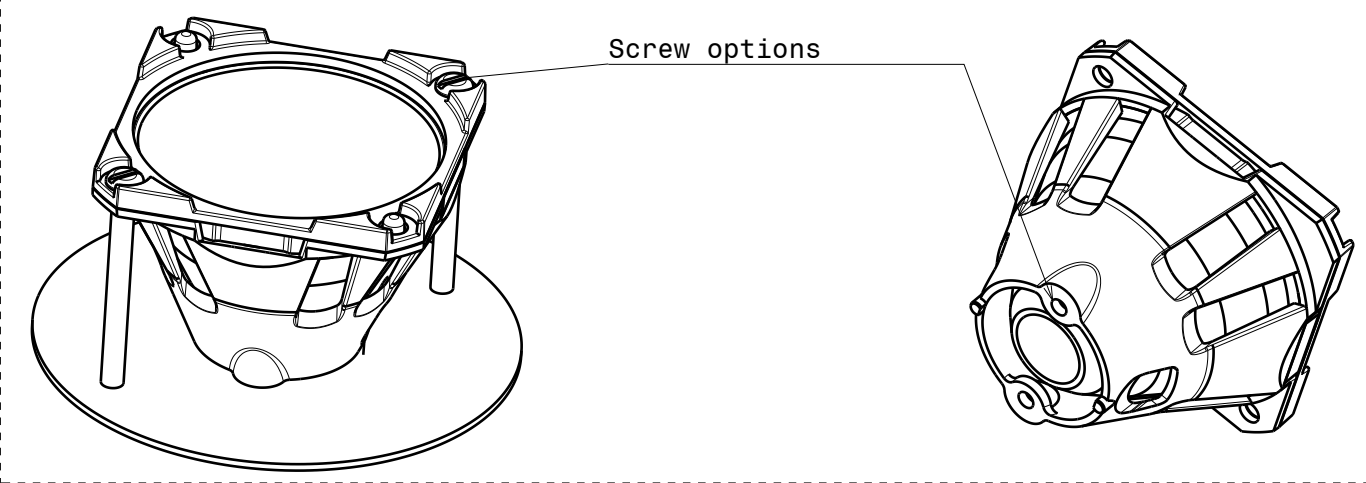
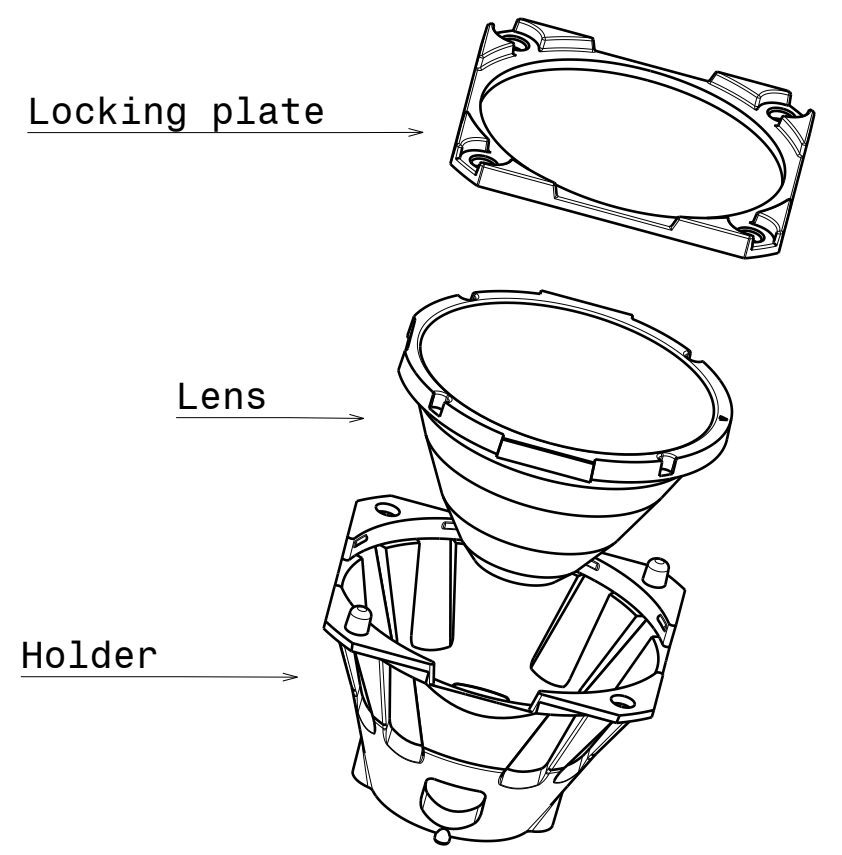
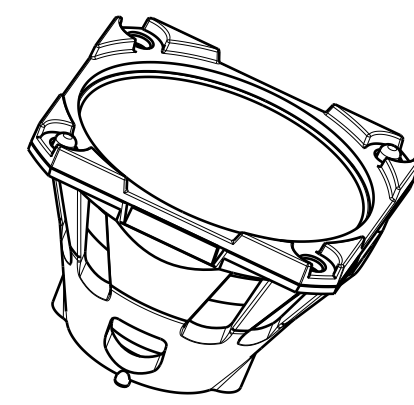
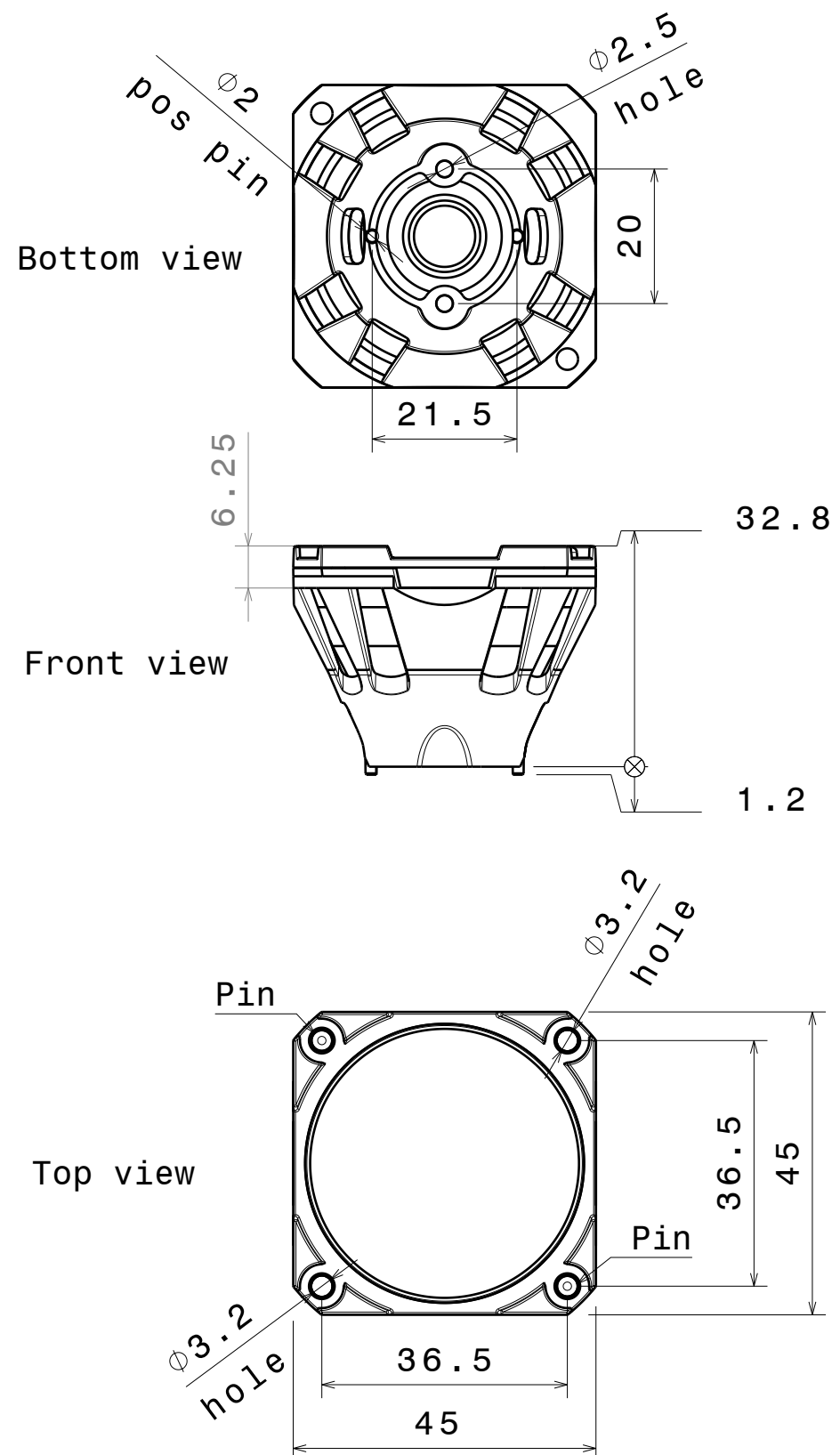
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
MC-E RGB	15 deg	Spot	90 %	7.800	-
XM-L RGB	16 deg	Spot	90 %	7.500	-
XQ-E HI RGBW	17 deg	Spot	85 %	6.510	-
XQ-E HD RGBW	17 deg	Spot	86 %	5.200	-
XP-G3	15 deg	Spot	85 %	7.200	-
XT-E	15 deg	Spot	84 %	6.600	-
LUXEON Z RGB	15 deg	Spot	89 %	7.600	-
LUXEON C RGBW	20 deg	Spot	89 %	5.060	-
Ostar-SMT RGB	13 deg	Spot	89 %	9.800	-
OSTAR Stage (S2WP)	15 deg	Spot	87 %	8.660	-
F50360 (RGB)	14 deg	Spot	90 %	9.000	-

Relative intensity of FCN13741_GERI-RZ_(XQ-E_HI_RGBW)



Relative intensity of FCN13741_GERI-RZ_(Osram_Stage_S2WP)





INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	CN13741	GERI-RZ	Optic PMMA / Holder PC	White

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

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CN13741_GERI-RZ

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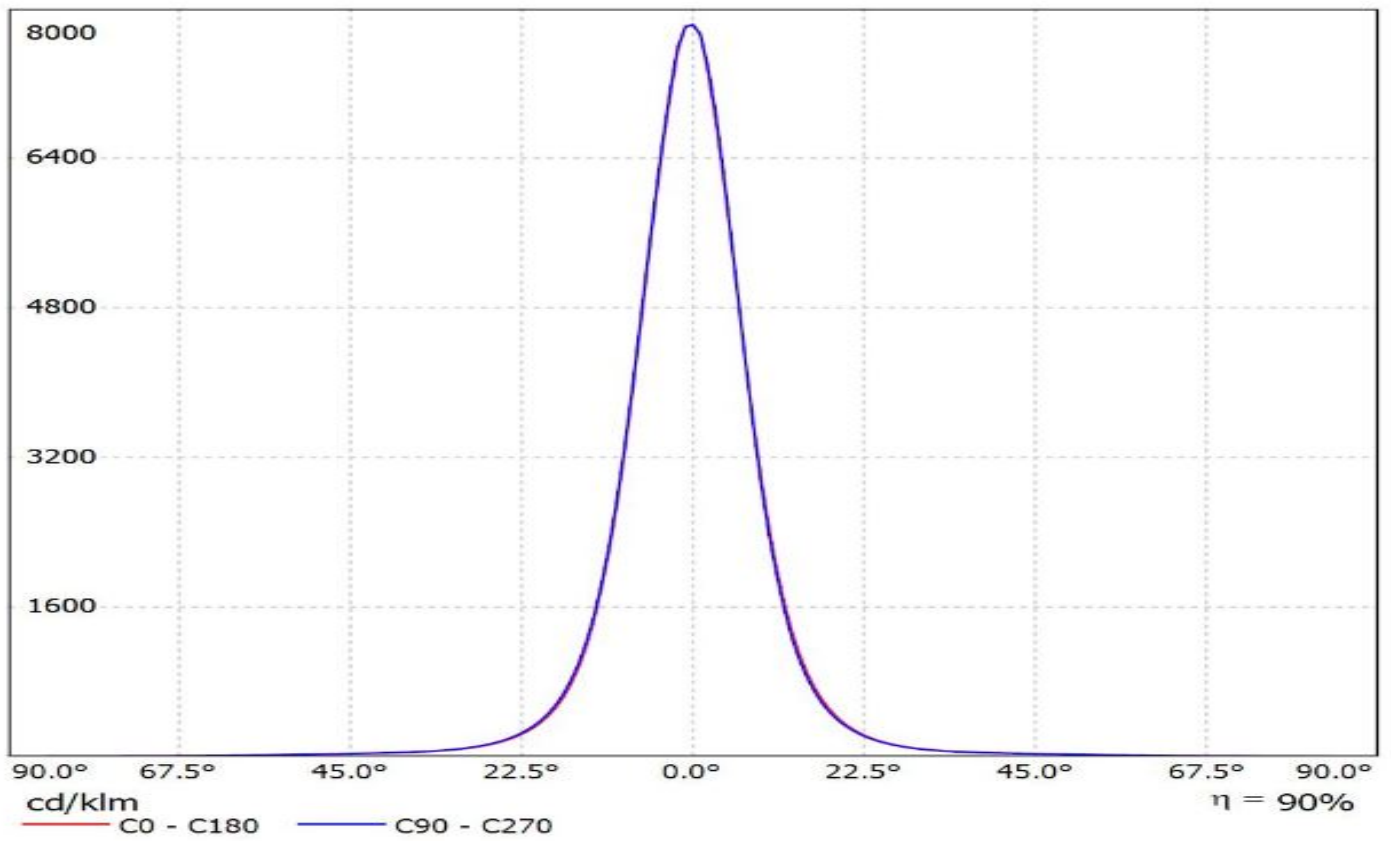
SIZE PART NUMBER
A3 CN13741

SCALE 1:1 WEIGHT SHEET 1/1

Ledil CN13741_GERI-RZ_(MC-E_RGBW) / LDC (Linear)

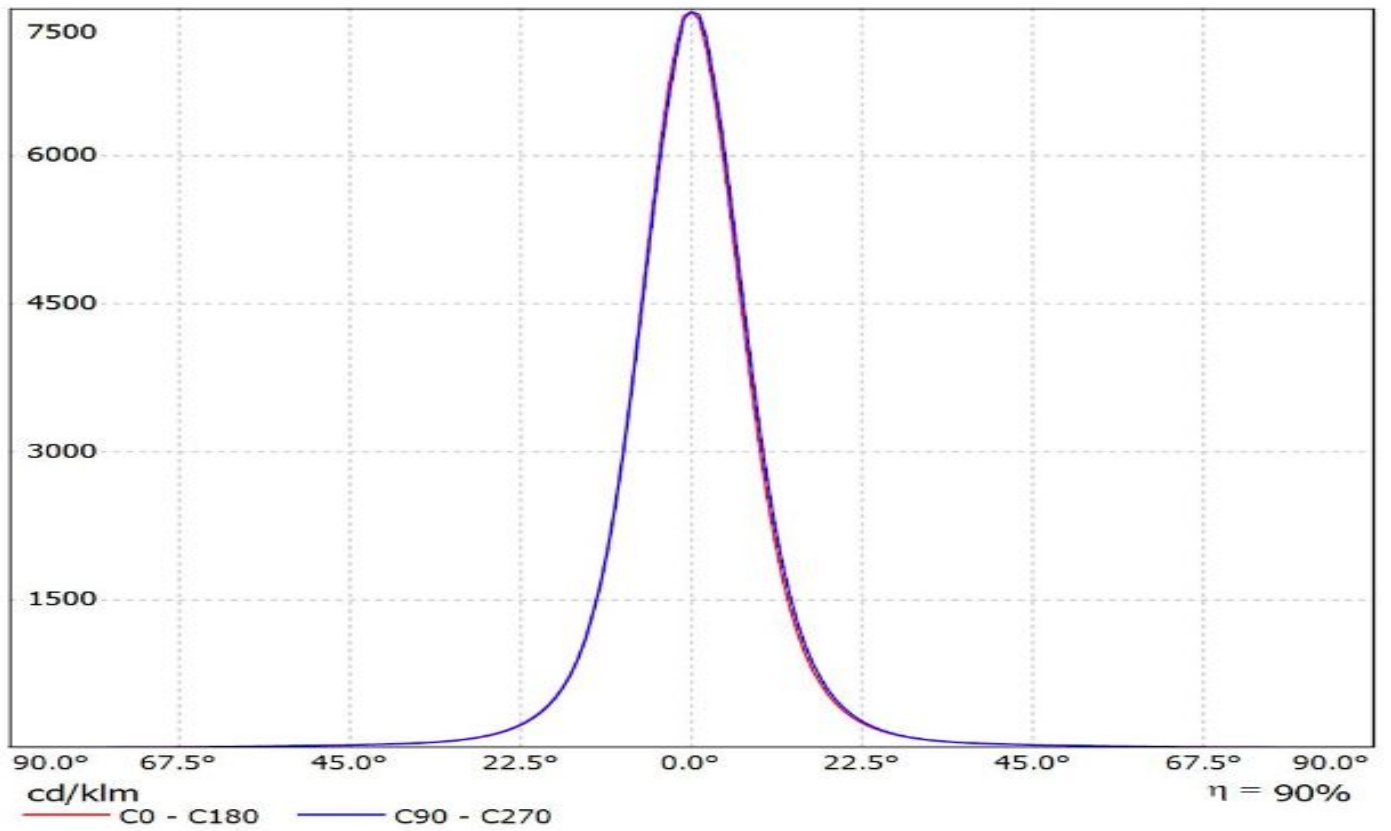
Luminaire: Ledil CN13741_GERI-RZ_(MC-E_RGBW)

Lamps: 1 x CREE_MC-E_RGBW_170.896lm@250mA_P=2.8W_I=0.25A



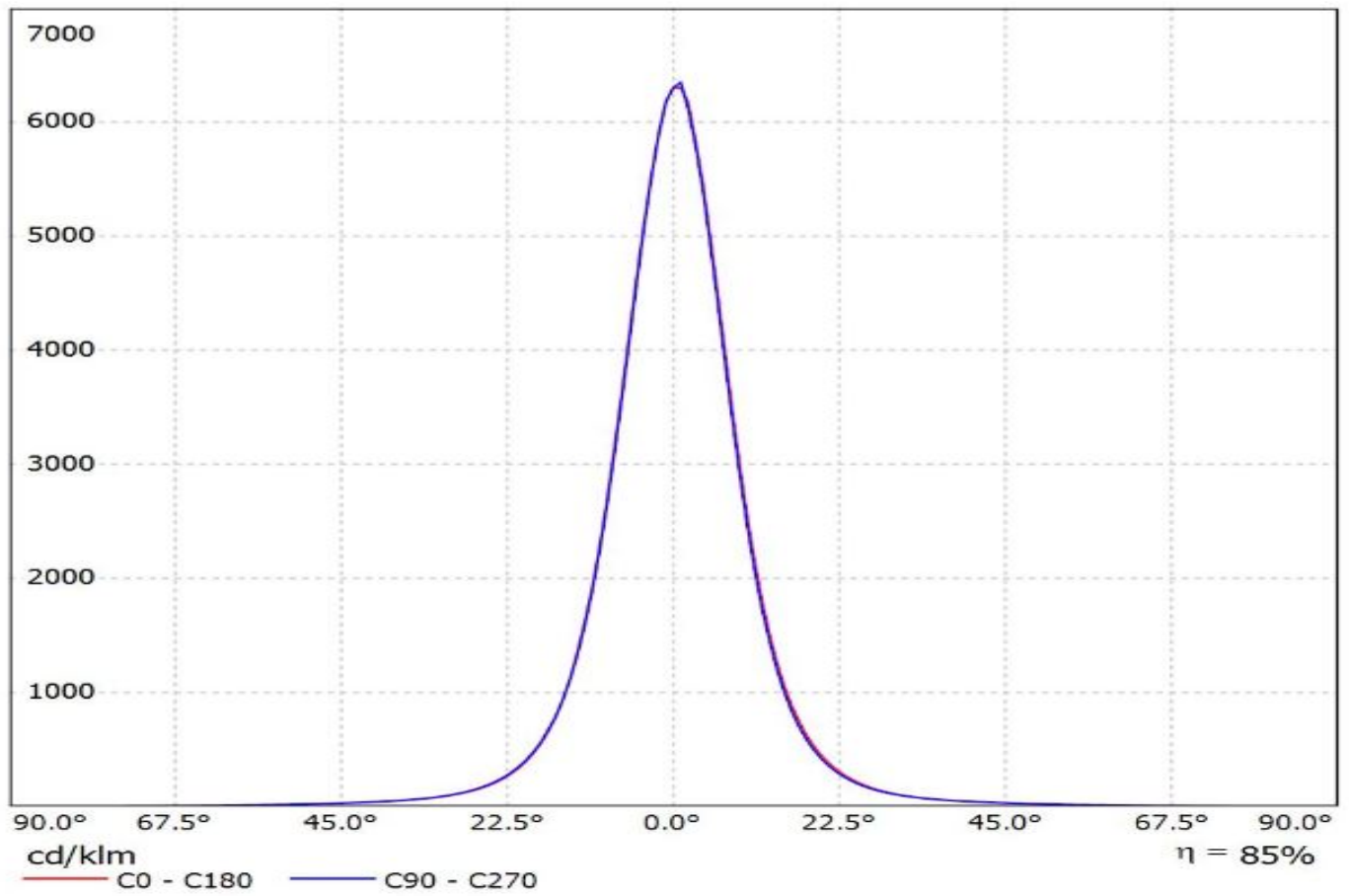
Ledil CN13741_GERI-RZ_(XM-L_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(XM-L_RGBW)
Lamps: 1 x CREE_XM-L_RGBW_(XMLCTW-A0-0000-00C3AAAA1)
_215.885lm@250mA_P=2.7W_I=0.25A



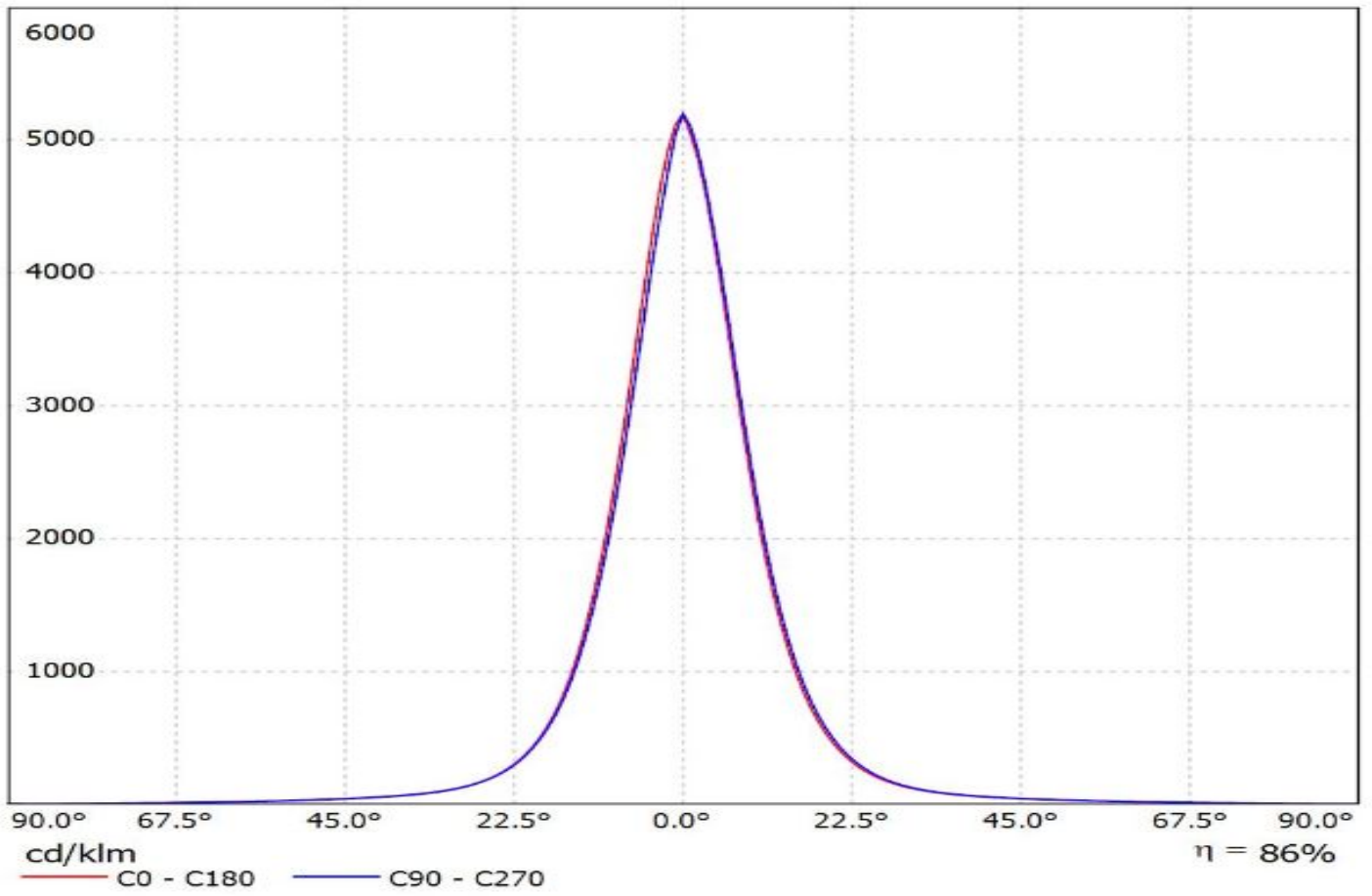
Luminaire: Ledil FCN13741_GERI-RZ_(XQE_HI_RGBW)

Lamps: 1 x Cree_XQE_HI_RGBW_212.518lm@250mA_P=2.7397W_I=0.250A

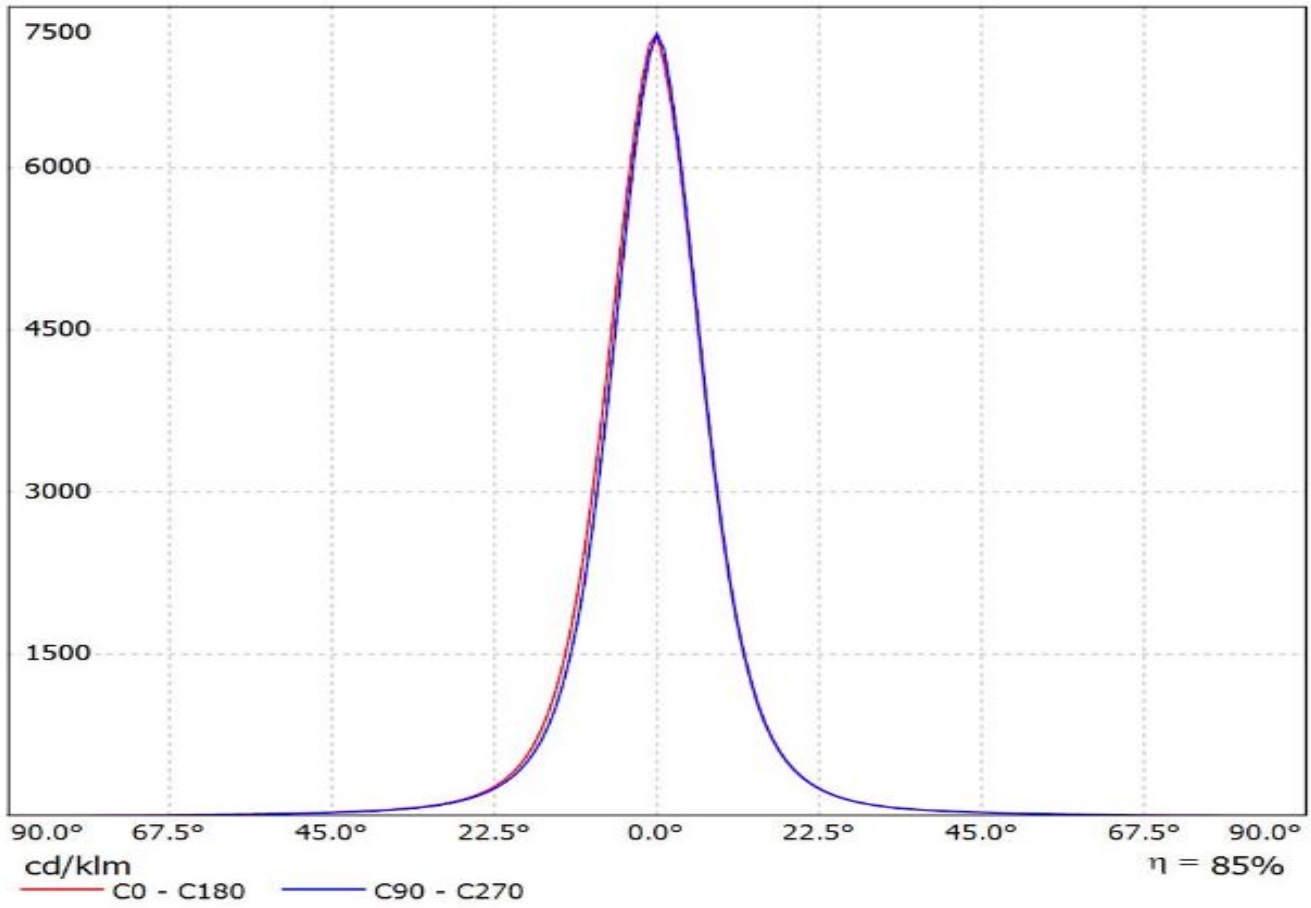


Luminaire: Ledil FCN13741_GERI-RZ (XQ-E_HD_RGBW)

Lamps: 1 x Cree_XQ-E_HD_RGBW_233.24lm@250mA_P=2.7265W_I=0.250A

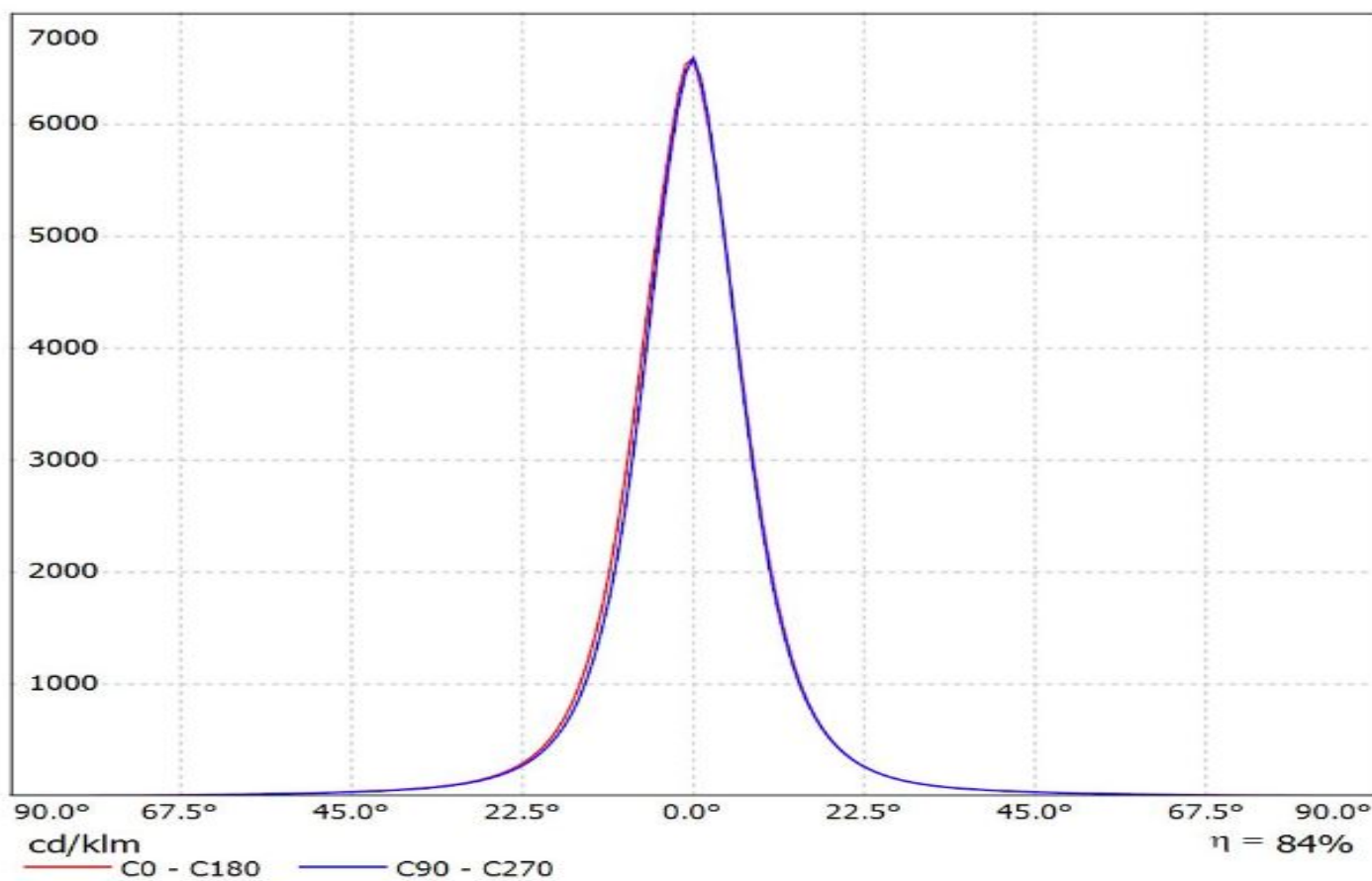


Luminaire: Ledil FCN13741_GERI-RZ_(XP-G3)
Lamps: 1 x Cree_XP-G3_109.458lm@250mA_P=0.738275W_I=0.250A



Luminaire: Ledil FCN13741_GERI-RZ_(XT-E)

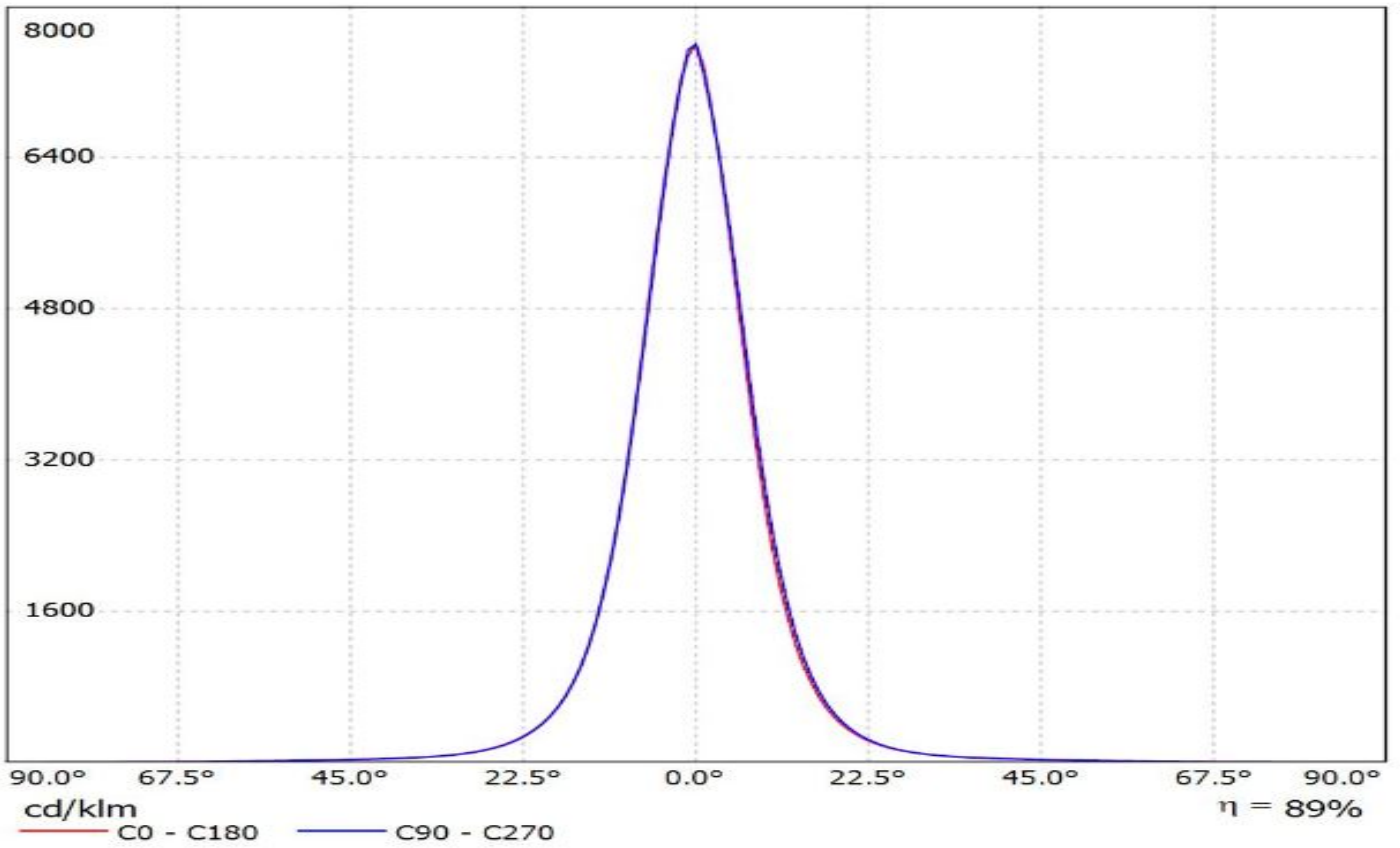
Lamps: 1 x Cree_XT-E_(XT-EAWT-0-2A0-R30-FB-0001)_100.346lm@250mA_P=0.795125W_I=0.250A



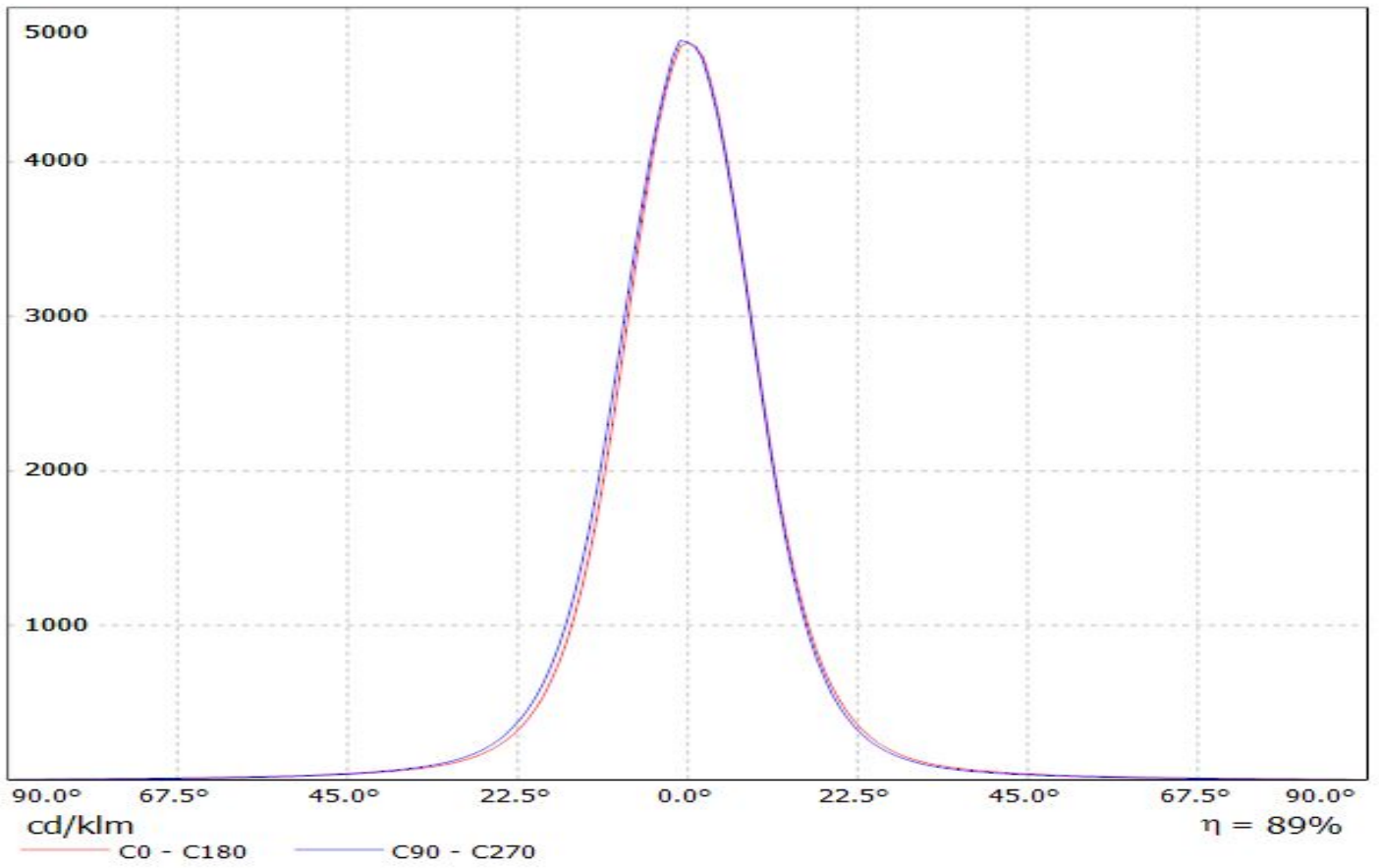
Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW)

Lamps: 1 x LUXEON_Z_RGBW_165.276lm@250mA_P=2.6W_I=0.25A



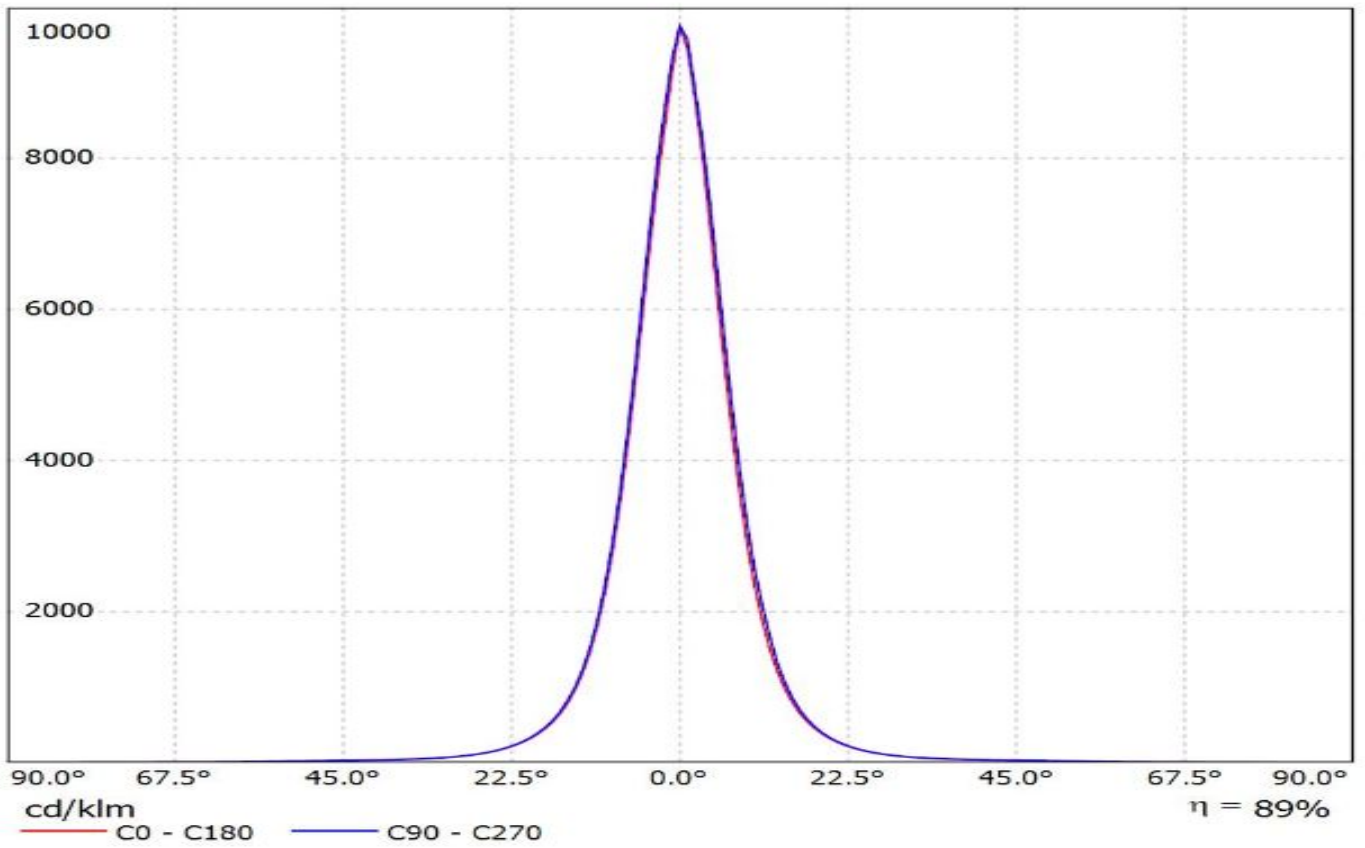
Luminaire: LEDiL Oy FCN13741_GERI-RZ_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB)

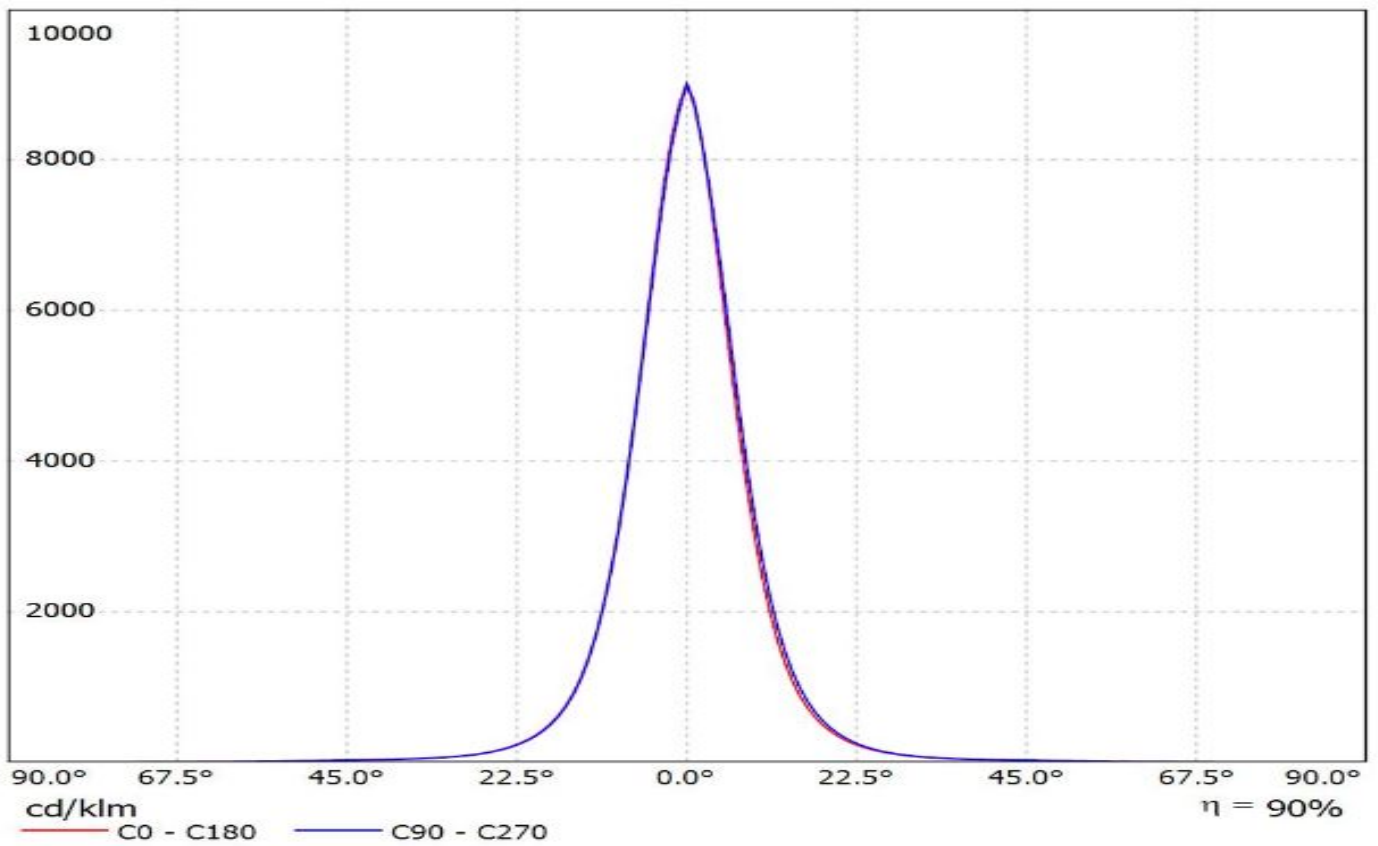
Lamps: 1 x OSRAM_OSTAR-SMT_RGB_168.879lm@250mA_P=3W_I=0.25A



Ledil CN13741_GERI-RZ_(F50360_RGB) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(F50360_RGB)

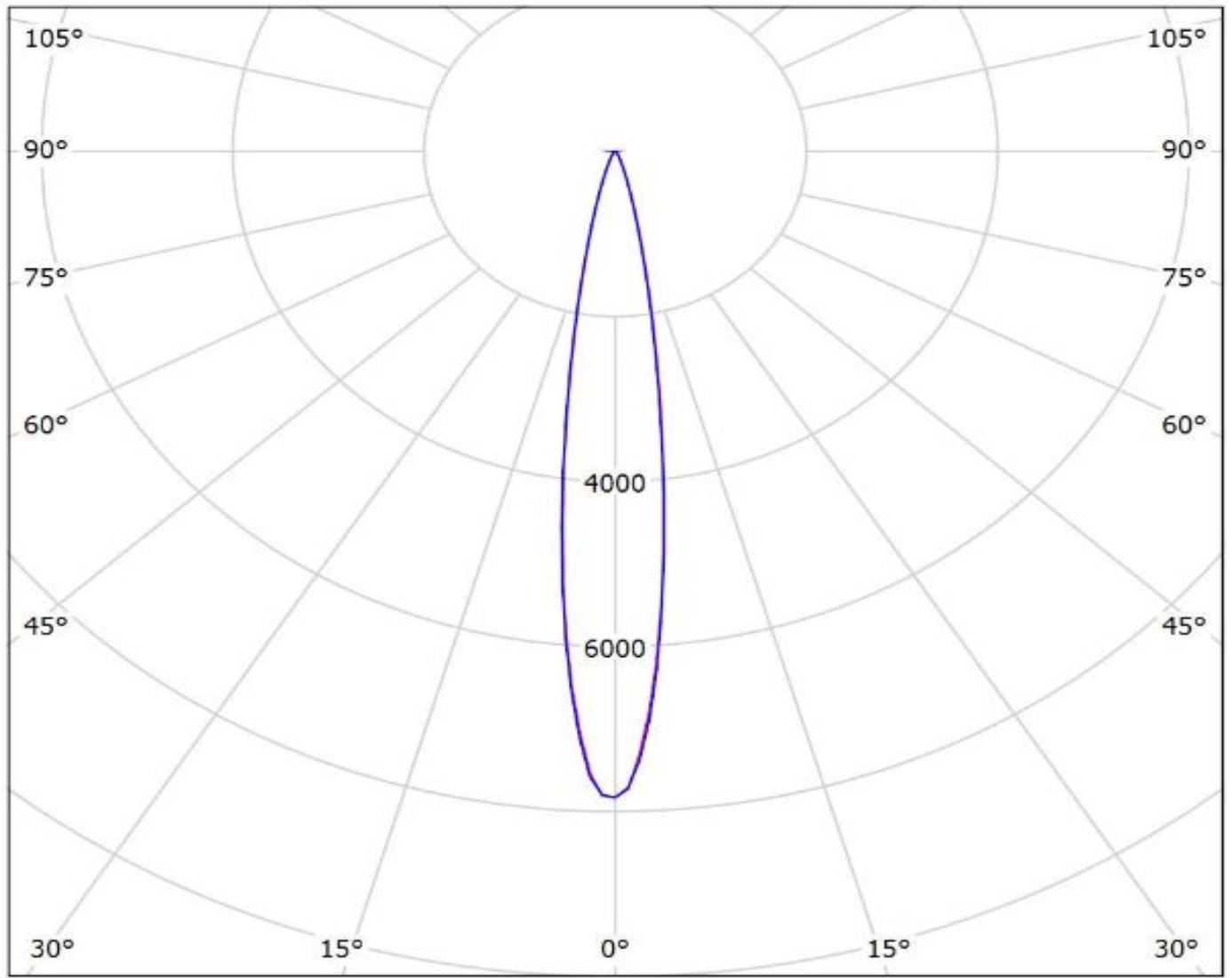
Lamps: 1 x SEOUL_F50360_RGB_(-01_QLSRBH)_57.1364lm@250mA_P=2.1W_I=0.25A



Ledil CN13741_GERI-RZ_(MC-E_RGBW) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(MC-E_RGBW)

Lamps: 1 x CREE_MC-E_RGBW_170.896lm@250mA_P=2.8W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

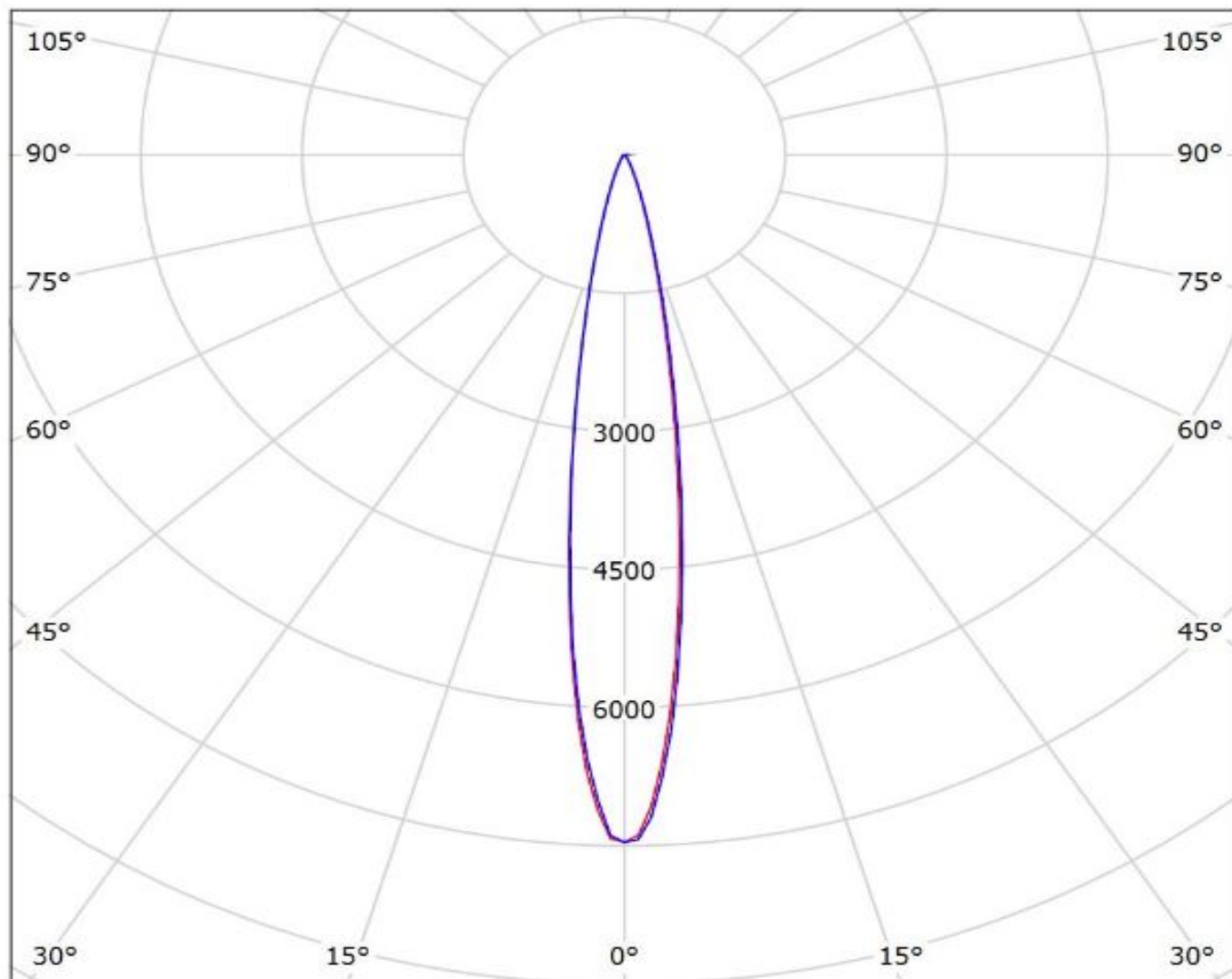
η = 90%

Ledil CN13741_GERI-RZ_(XM-L_RGBW) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(XM-L_RGBW)

Lamps: 1 x CREE_XM-L_RGBW_(XMLCTW-A0-0000-00C3AAAA1)

_215.885lm@250mA_P=2.7W_I=0.25A



cd/klm

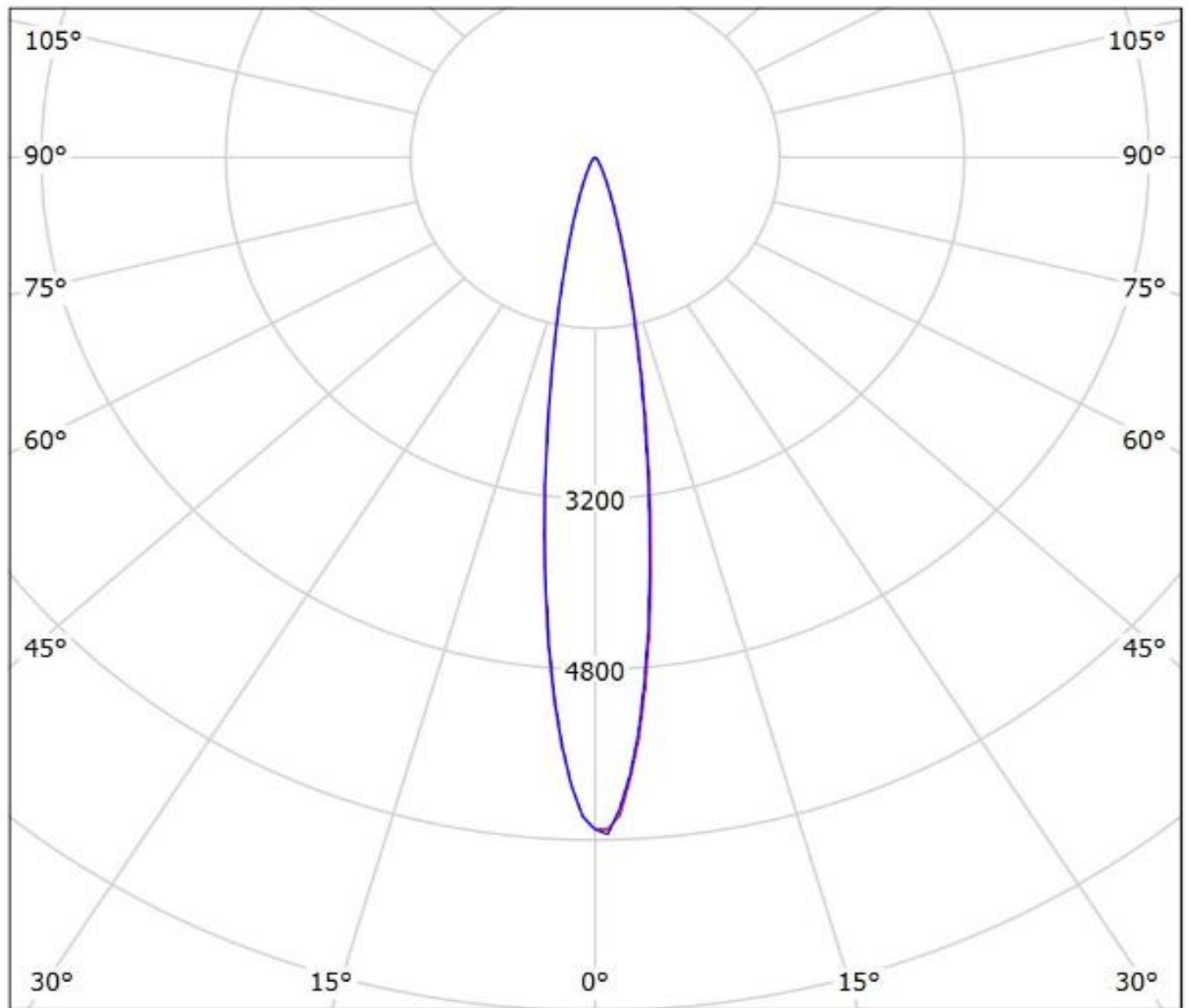
— C0 - C180

— C90 - C270

$\eta = 90\%$

Luminaire: Ledil FCN13741_GERI-RZ_(XQE_HI_RGBW)

Lamps: 1 x Cree_XQE_HI_RGBW_212.518lm@250mA_P=2.7397W_I=0.250A



cd/klm

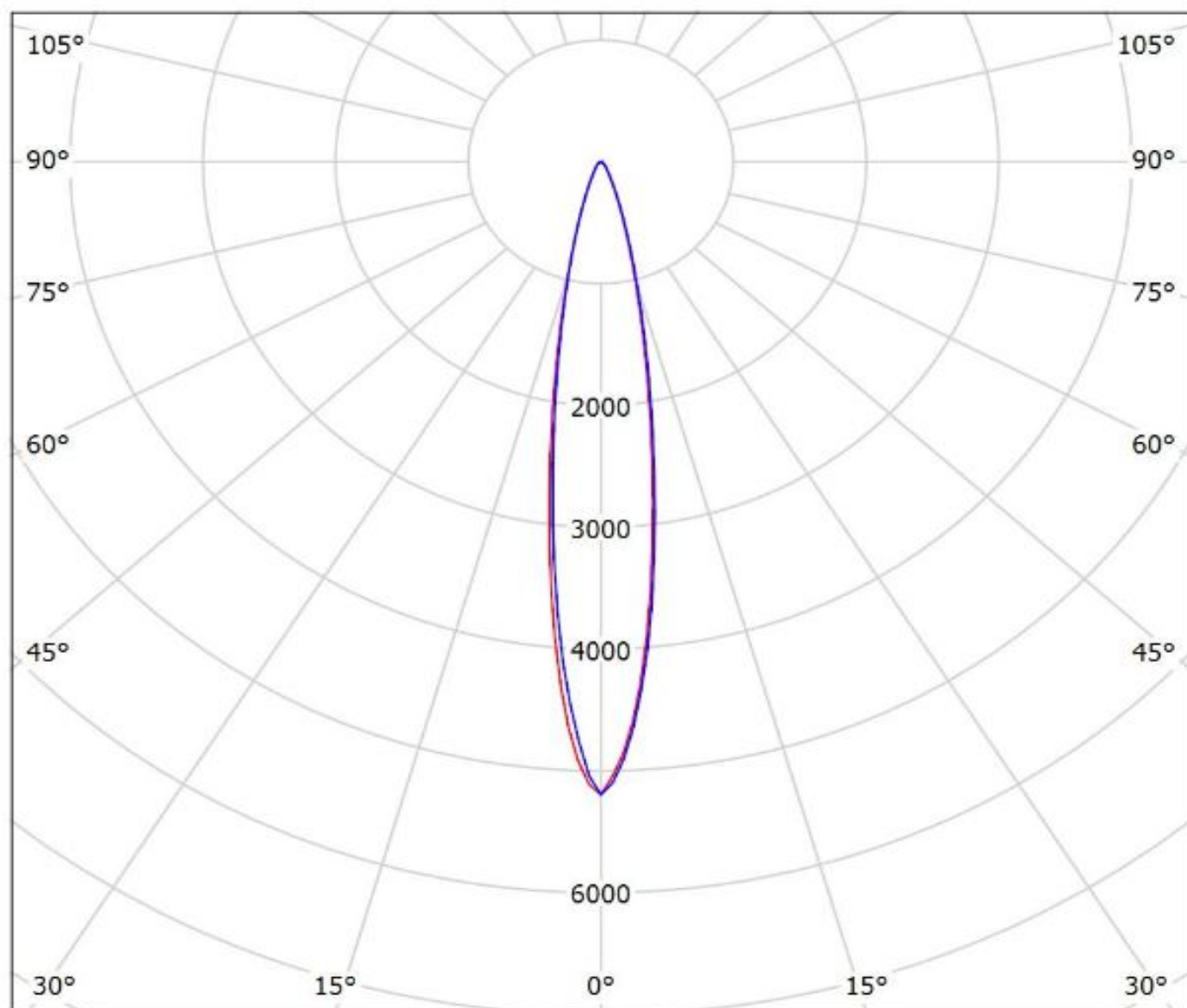
— C0 - C180

— C90 - C270

η = 85%

Luminaire: Ledil FCN13741_GERI-RZ_(XQ-E_HD_RGBW)

Lamps: 1 x Cree_XQ-E_HD_RGBW_233.24lm@250mA_P=2.7265W_I=0.250A



cd/klm

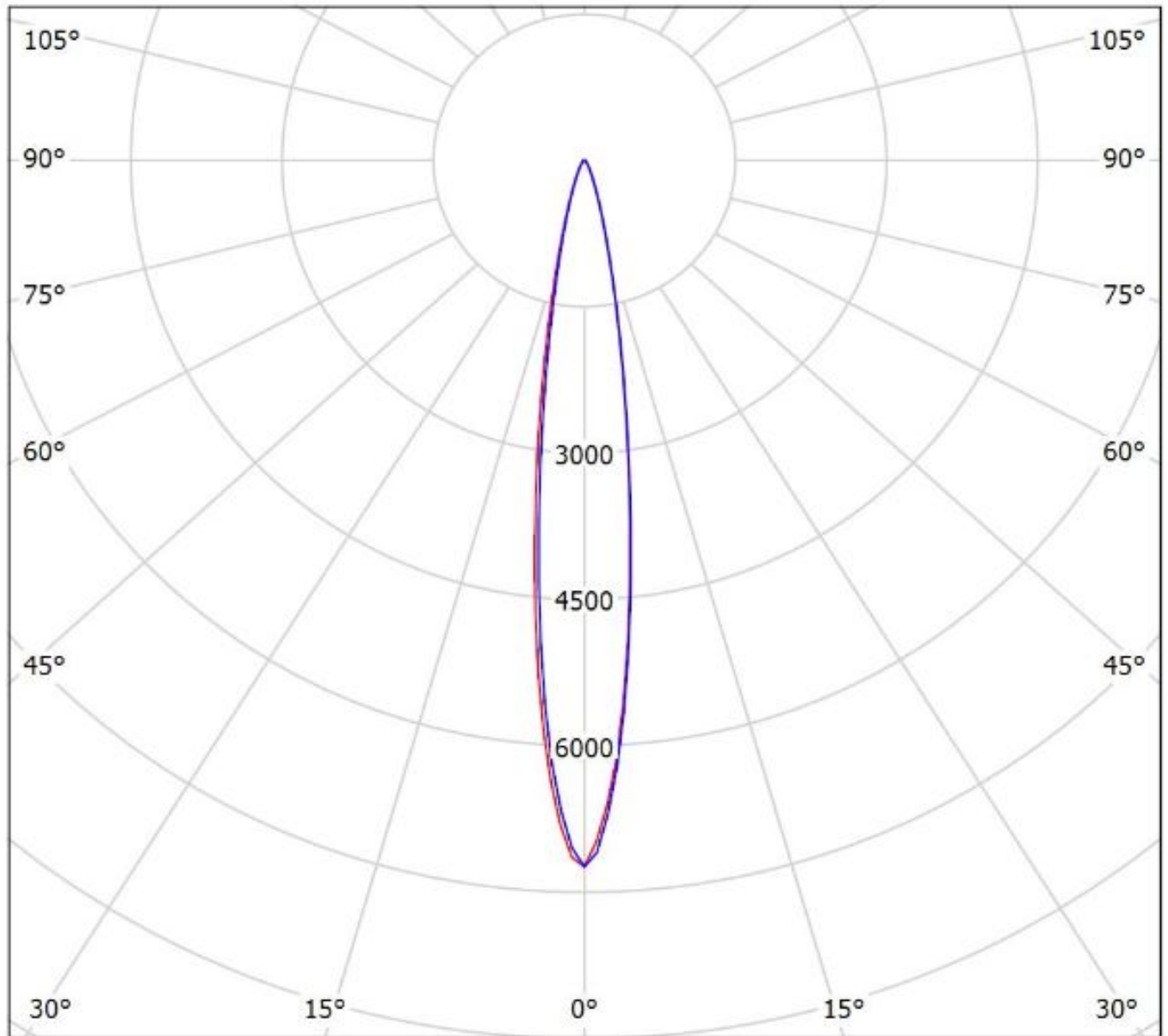
— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: Ledil FCN13741_GERI-RZ_(XP-G3)

Lamps: 1 x Cree_XP-G3_109.458lm@250mA_P=0.738275W_I=0.250A



cd/klm

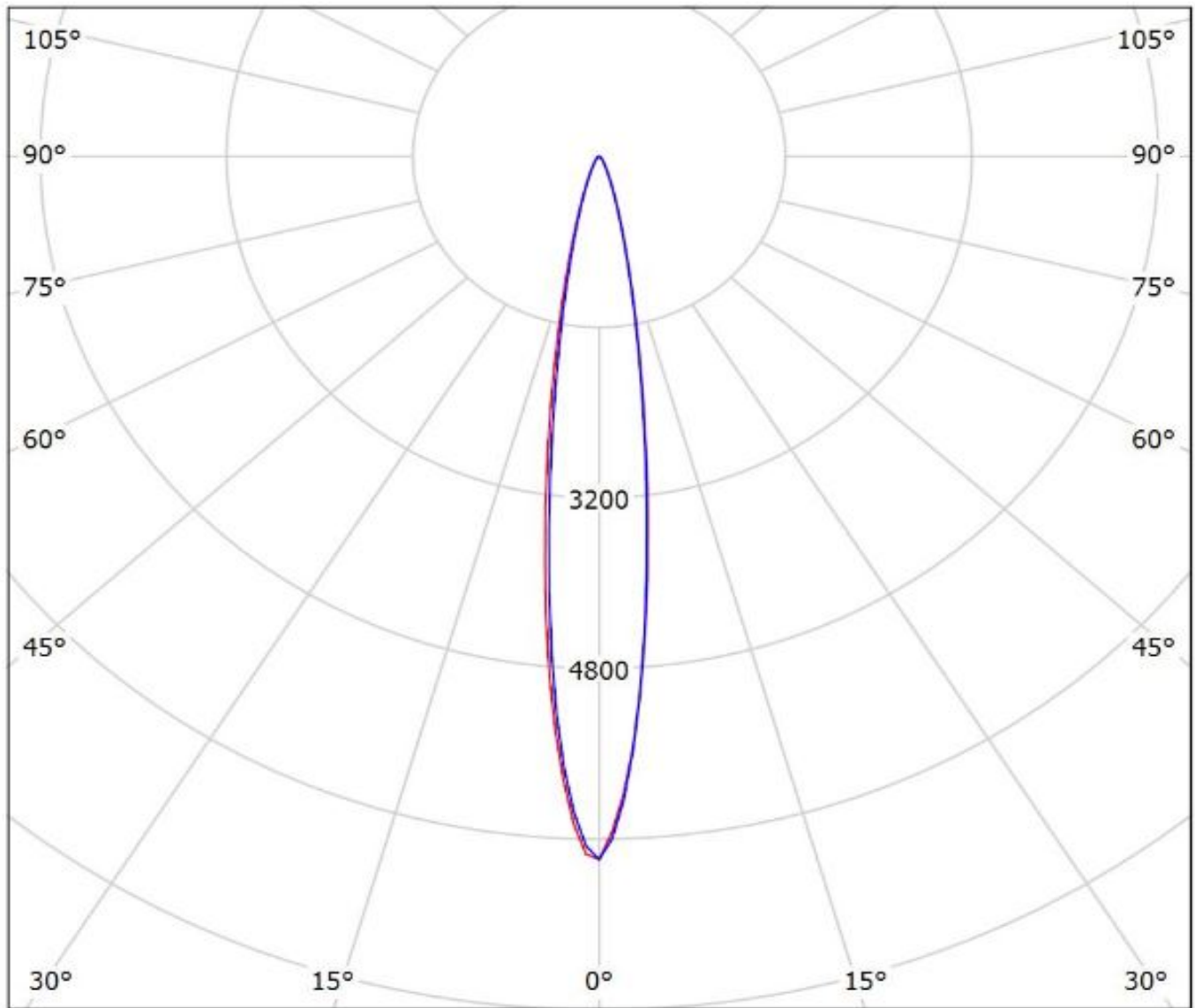
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: Ledil FCN13741_GERI-RZ_(XT-E)

Lamps: 1 x Cree_XT-E_(XTEAWT-0-2A0-R30-FB-0001)_100.346lm@250mA_P=0.795125W_I=0.250A



cd/klm

— C0 - C180

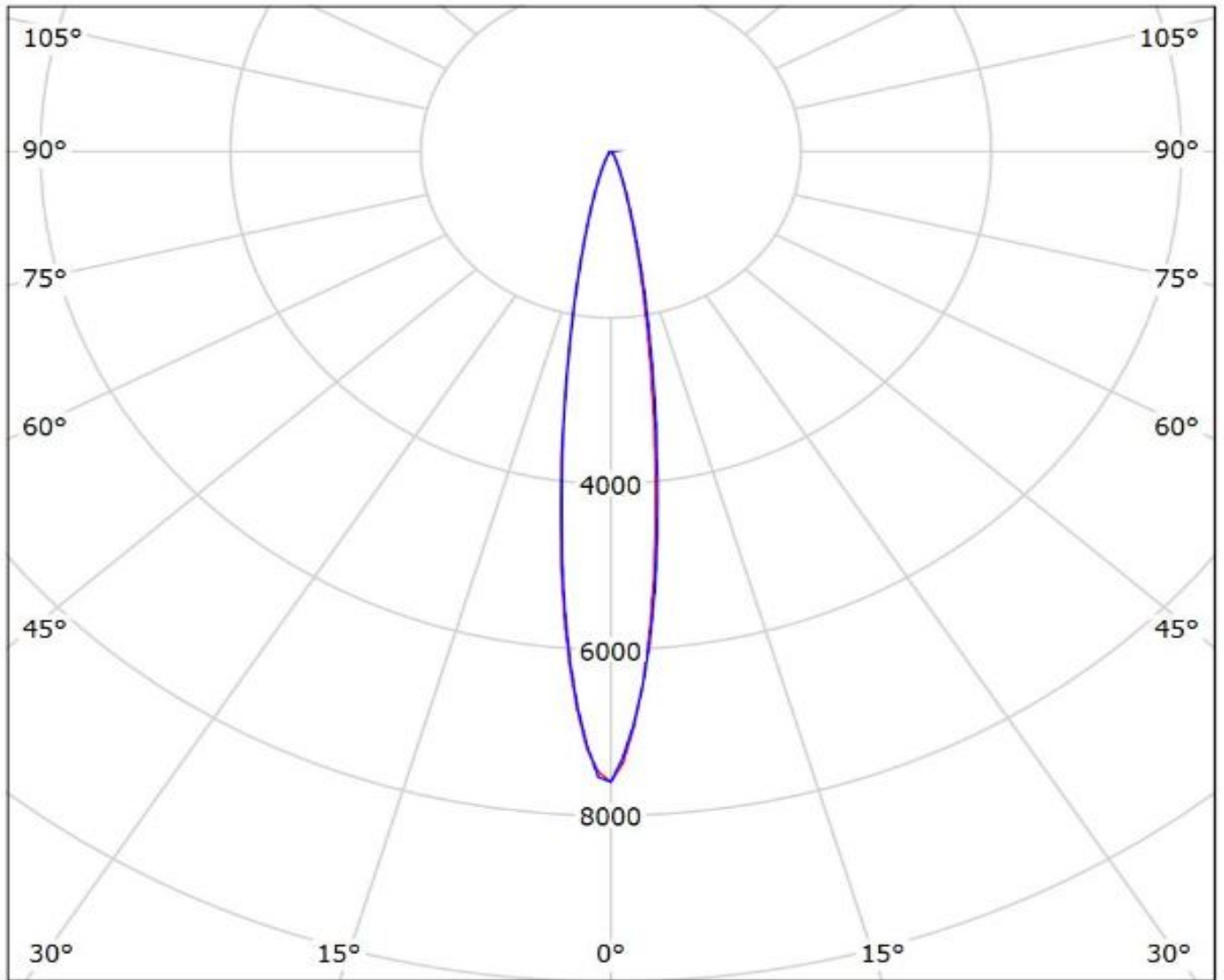
— C90 - C270

$\eta = 84\%$

Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW)

Lamps: 1 x LUXEON_Z_RGBW_165.276lm@250mA_P=2.6W_I=0.25A

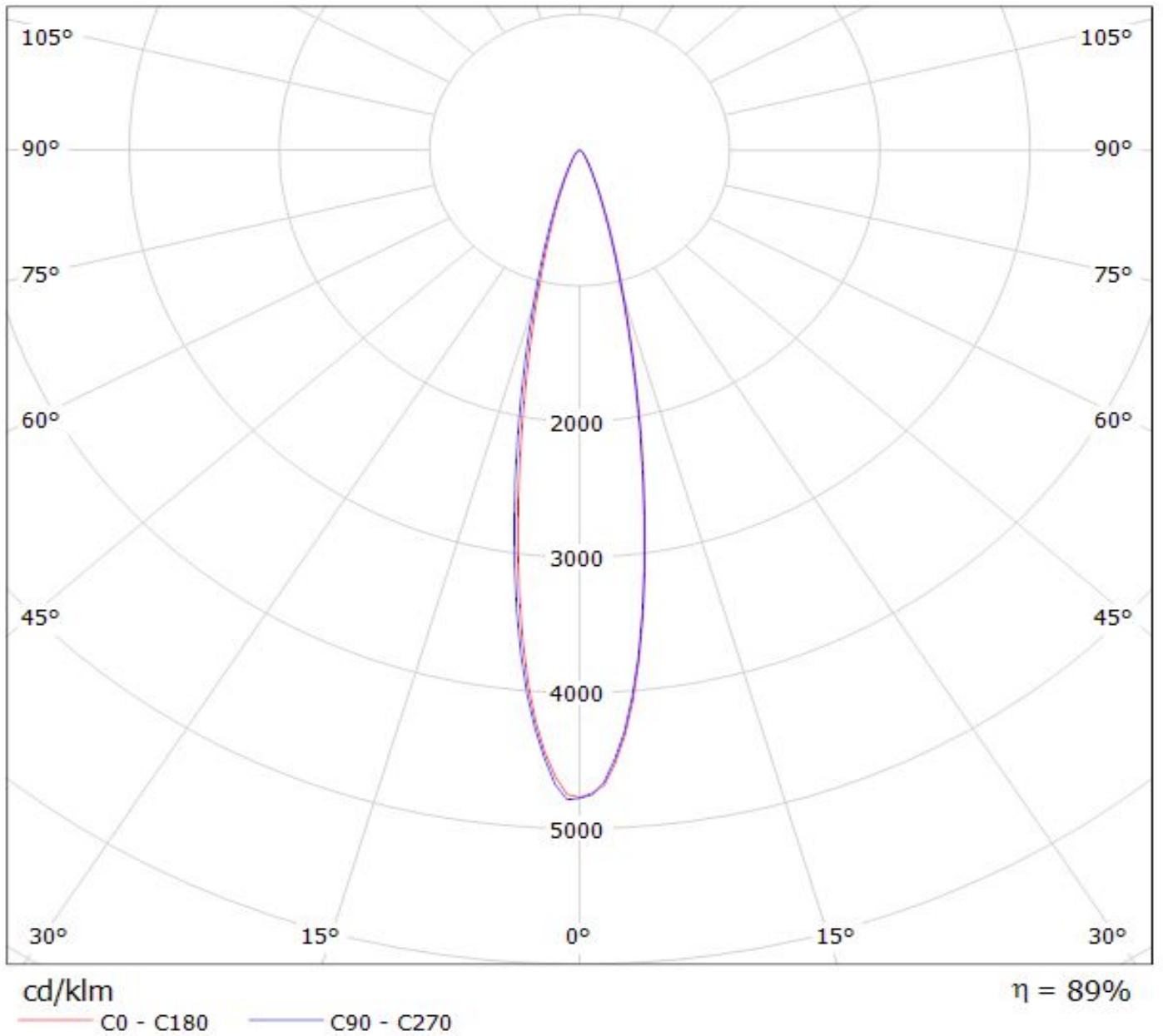


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

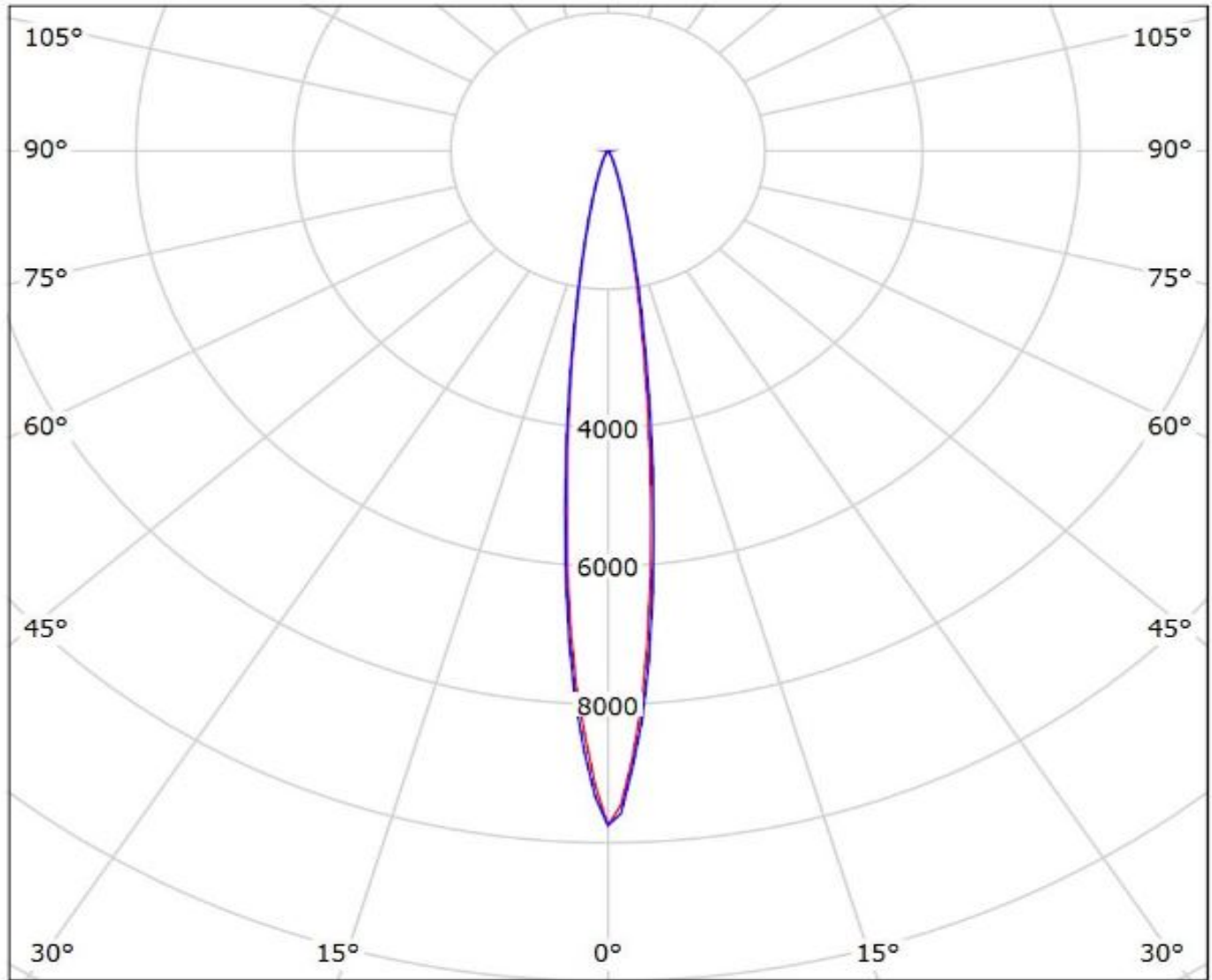
Luminaire: LEDiL Oy FCN13741_GERI-RZ_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB)

Lamps: 1 x OSRAM_OSTAR-SMT_RGB_168.879lm@250mA_P=3W_I=0.25A



cd/klm

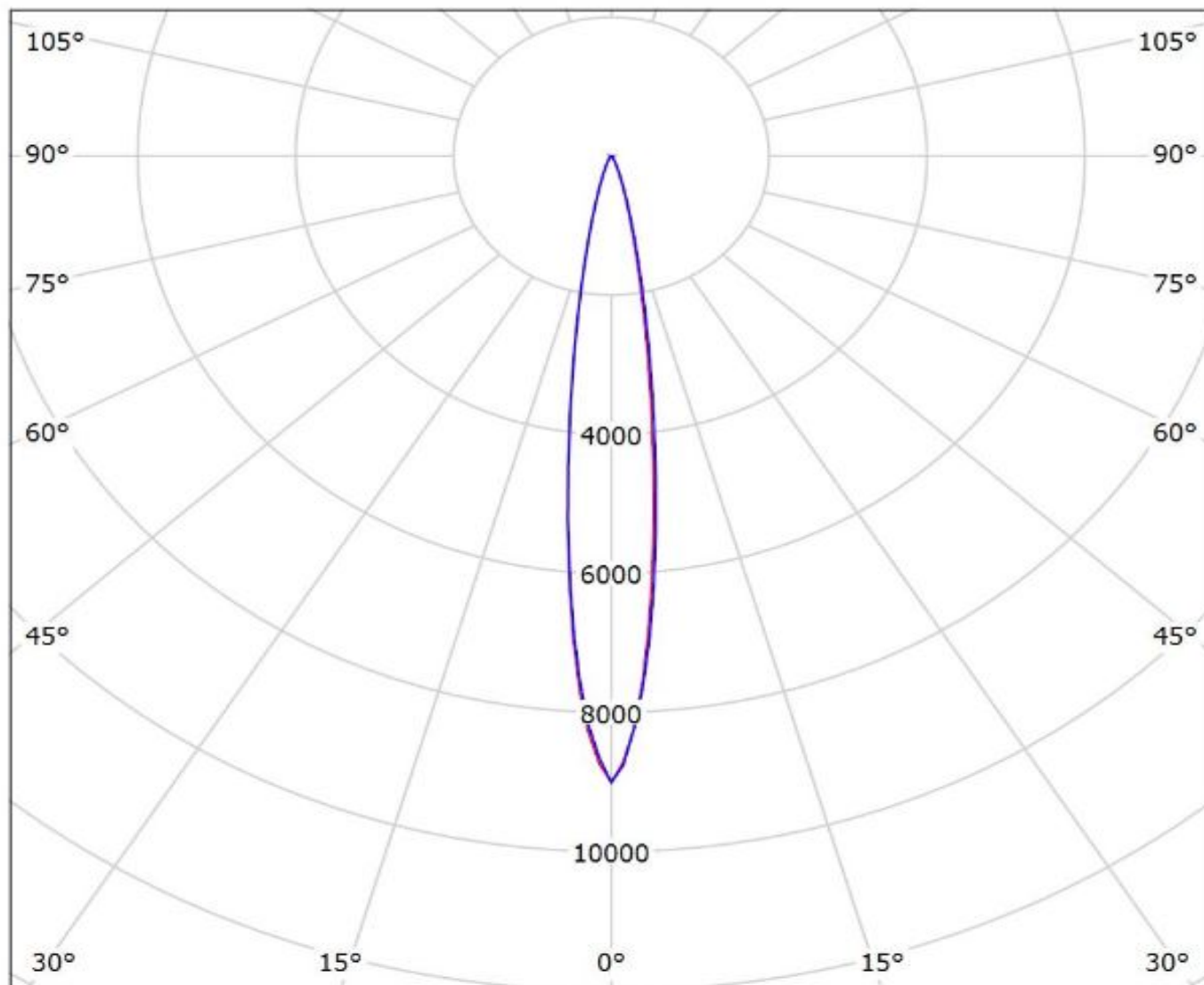
— C0 - C180 — C90 - C270

$\eta = 89\%$

Ledil CN13741_GERI-RZ_(F50360_RGB) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(F50360_RGB)

Lamps: 1 x SEOUL_F50360_RGB_(-01_QLSRBH)_57.1364lm@250mA_P=2.1W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$

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.