

DETAILS

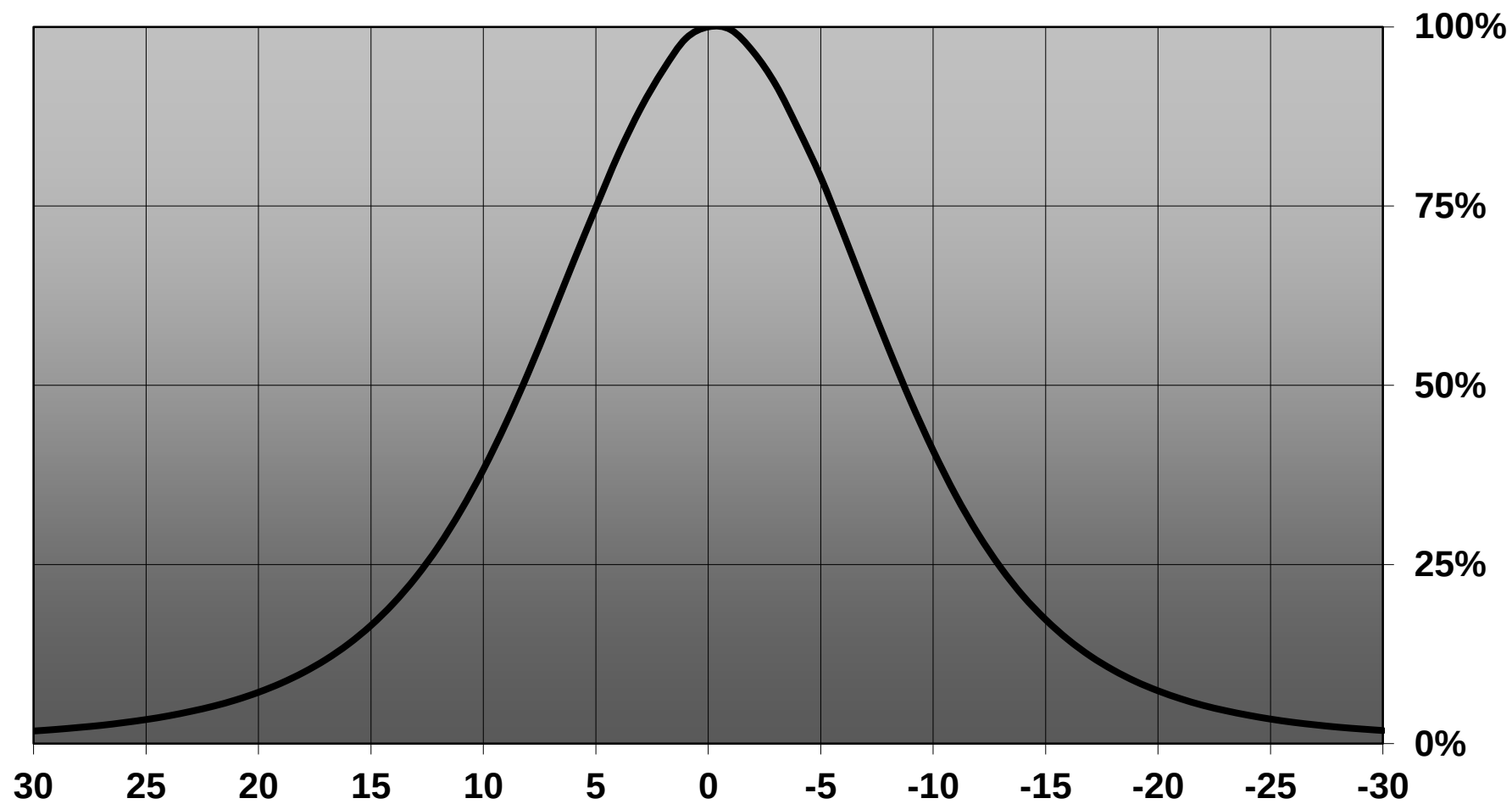
Product Number	FCN13741_GERI-RZ
Family	Geri
Type	Pack
Color	white
Diameter	45 + 45 mm
Height	32,8 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	glue, pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	31/05/2017



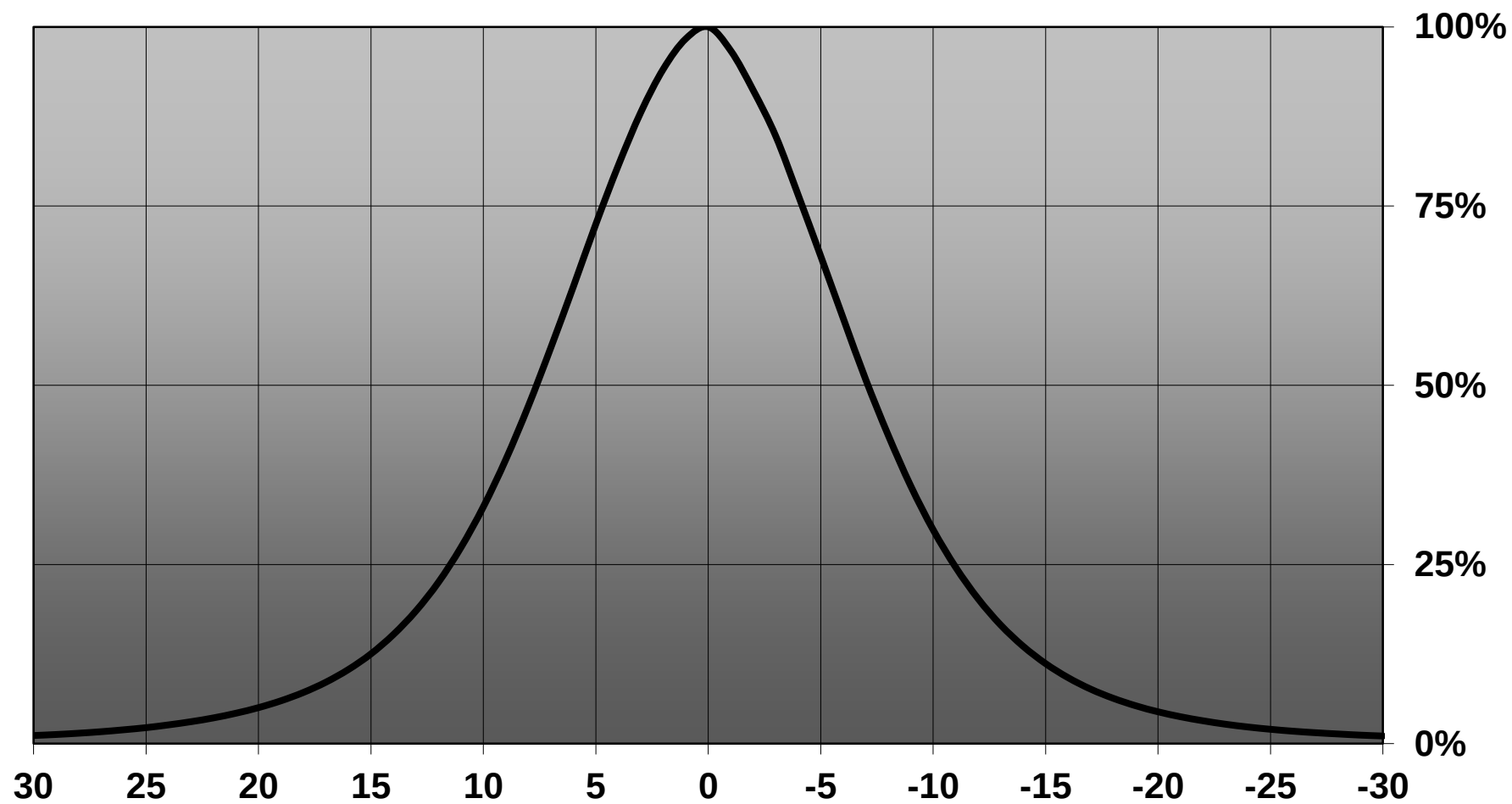
OPTICAL PROPERTIES

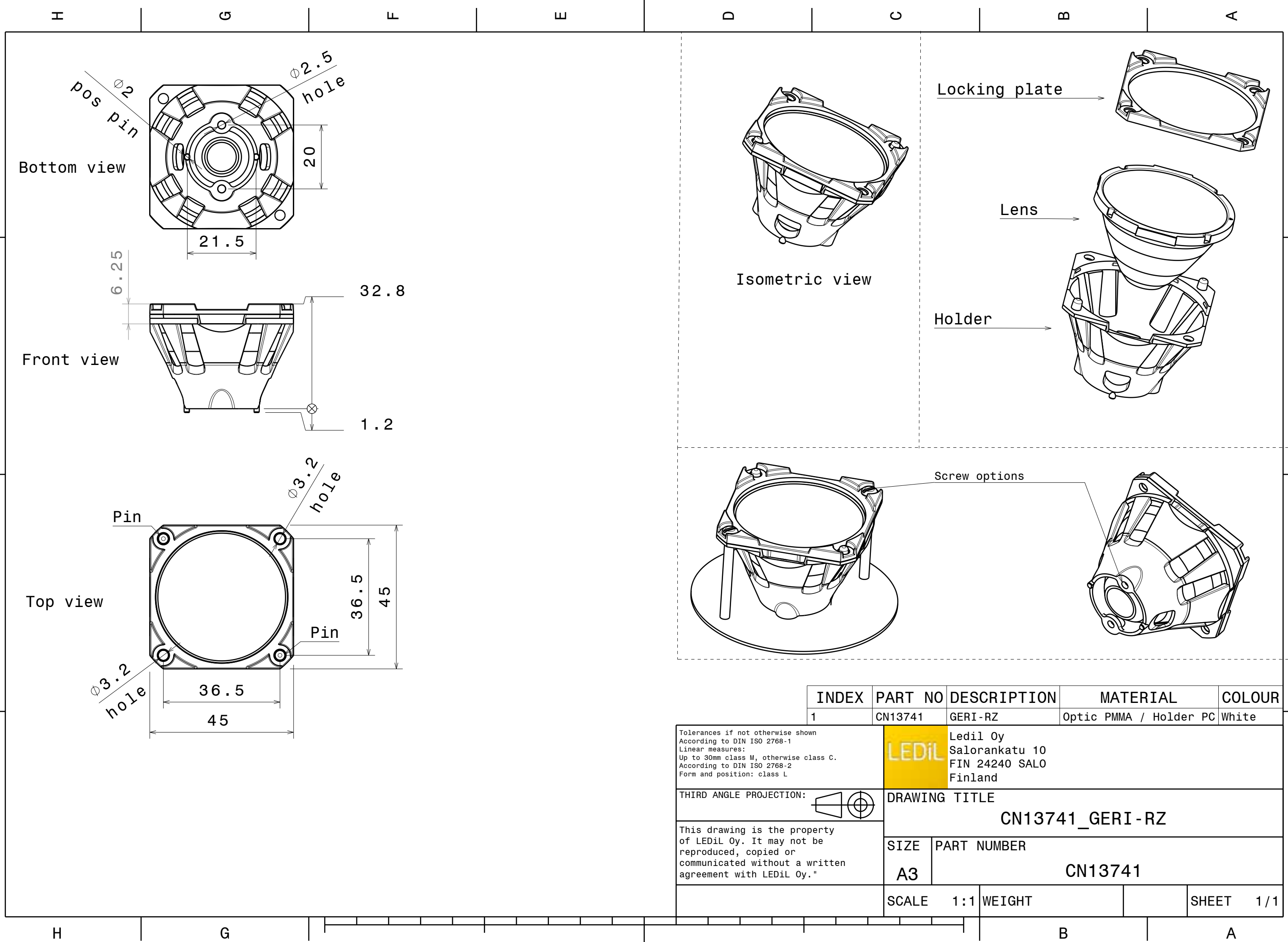
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
MC-E RGB	15 deg	Spot	90 %	7.800	-
XM-L RGB	16 deg	Spot	90 %	7.500	-
XQ-E HI RGBW	17 deg	Spot	85 %	6.510	-
XQ-E HD RGBW	17 deg	Spot	86 %	5.200	-
XP-G3	15 deg	Spot	85 %	7.200	-
XT-E	15 deg	Spot	84 %	6.600	-
LUXEON Z RGB	15 deg	Spot	89 %	7.600	-
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)

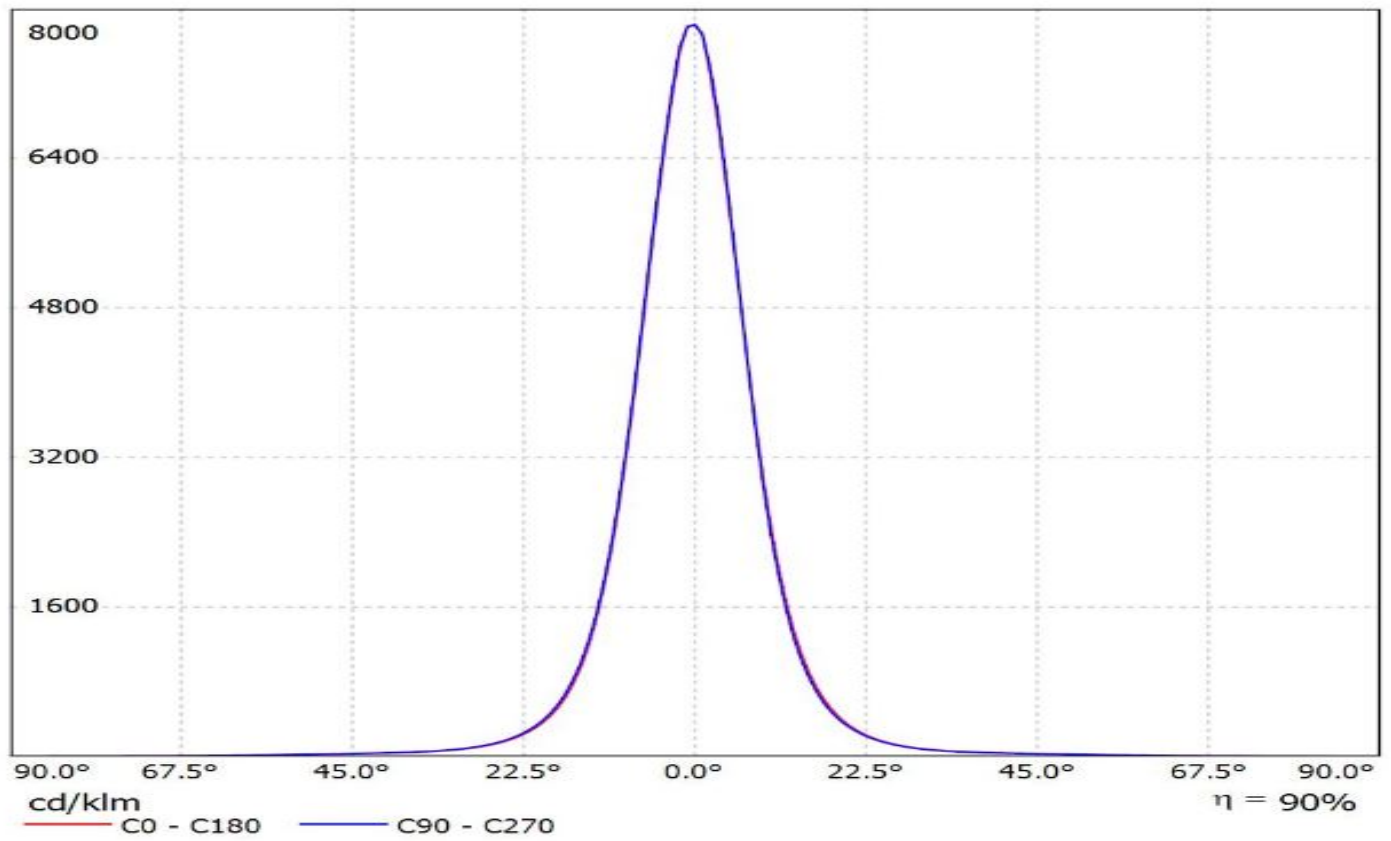




Ledil CN13741_GERI-RZ_(MC-E_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(MC-E_RGBW)

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

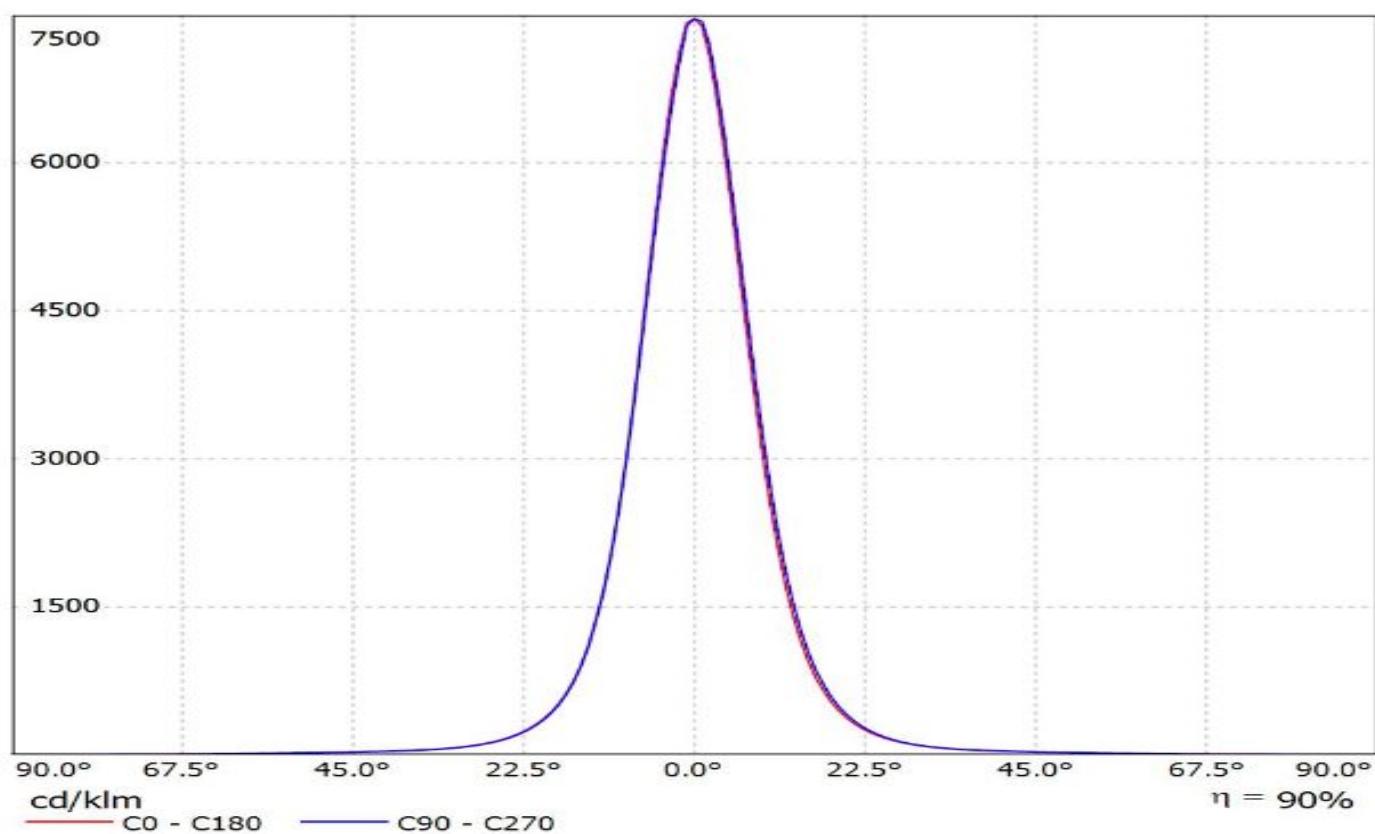


Ledil CN13741_GERI-RZ_(XM-L_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(XM-L_RGBW)

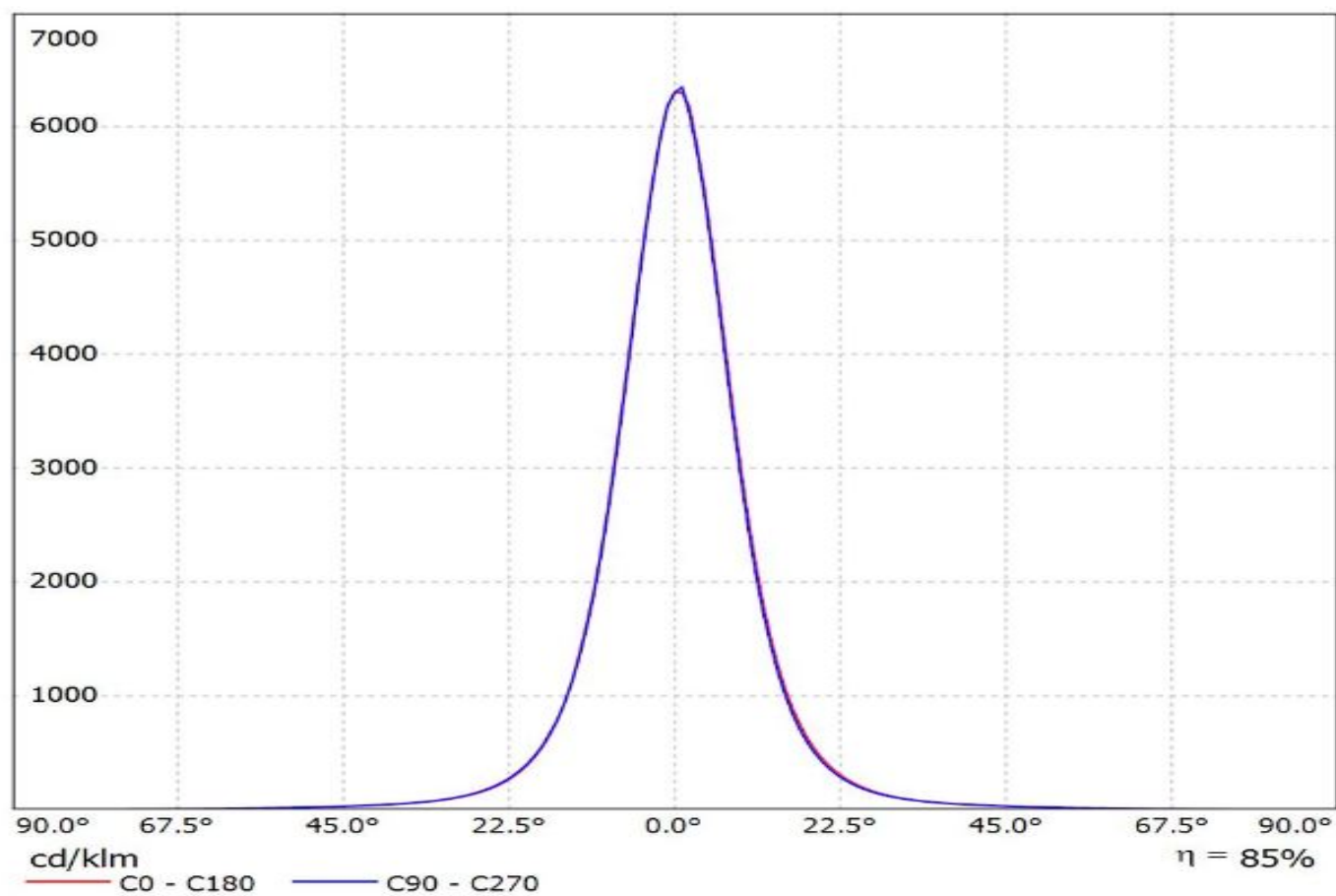
Lamps: 1 x CREE_XM-L_RGBW_(XMLCTW-A0-0000-00C3AAAA1)

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

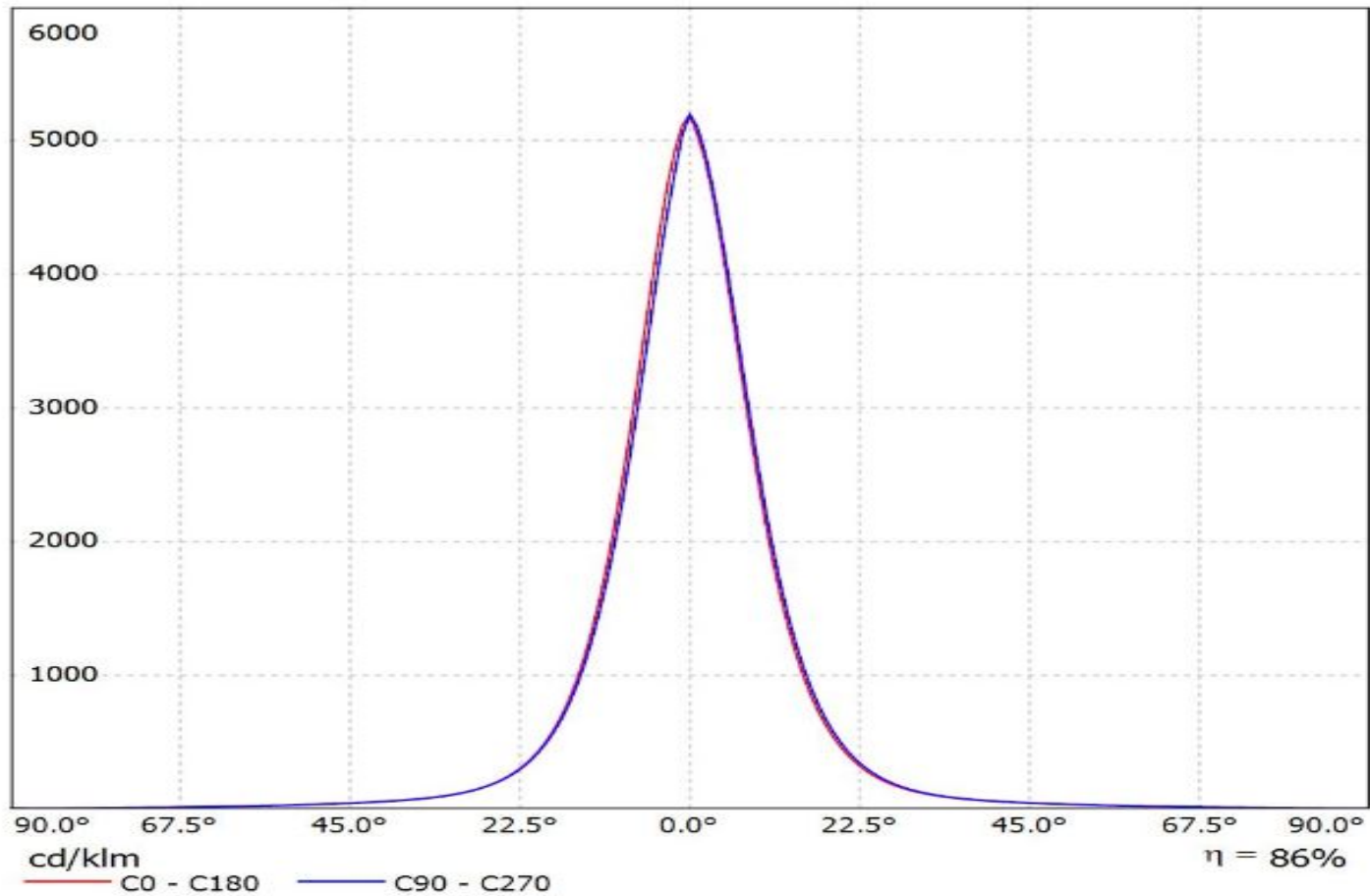


Luminaire: Ledil FCN13741 GERI-RZ (XQE_HI_RGBW)

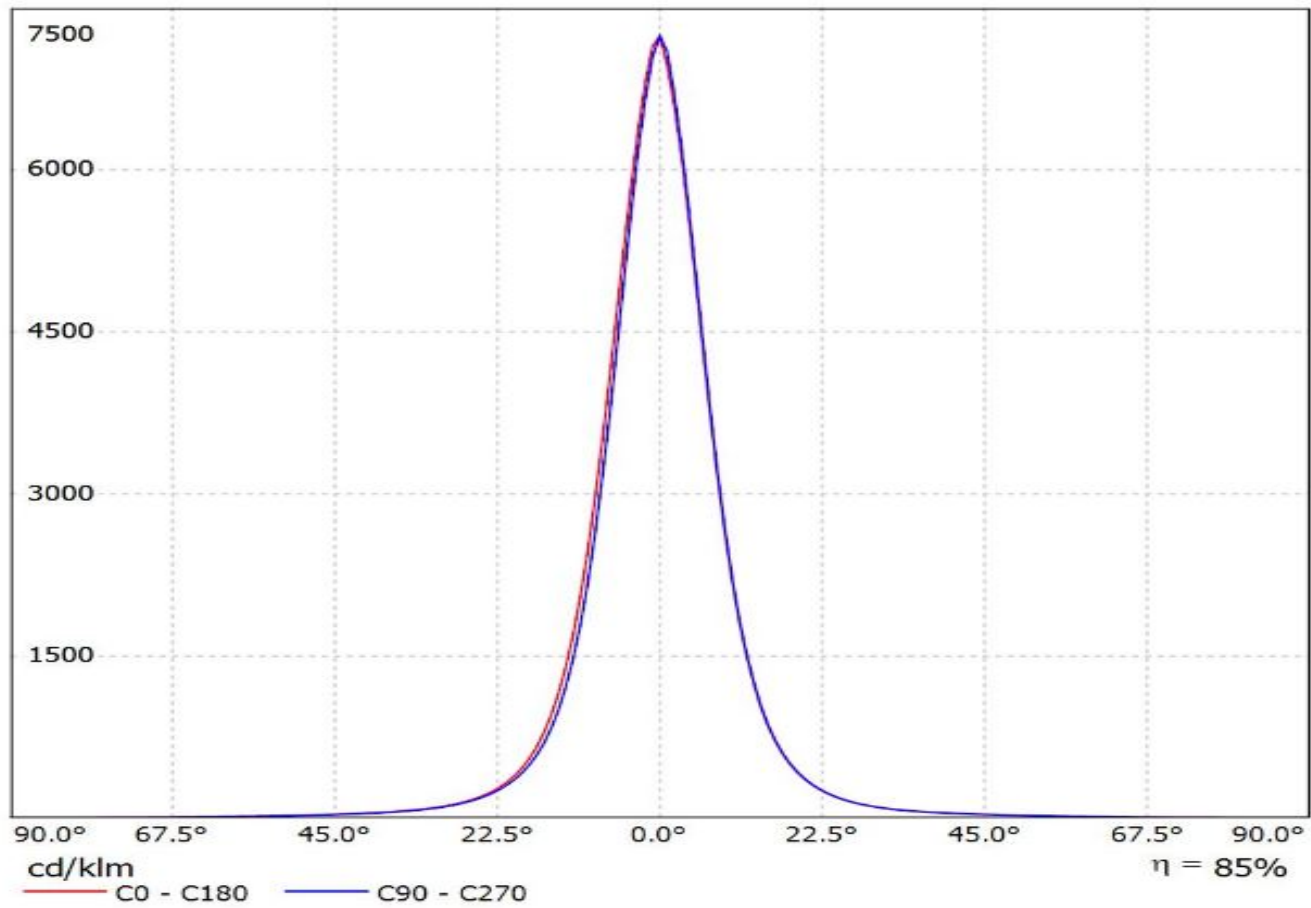
Lamps: 1 x Cree_XQE_HI_RGBW_212.518lm@250mA_P=2.7397W_I=0.250A



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

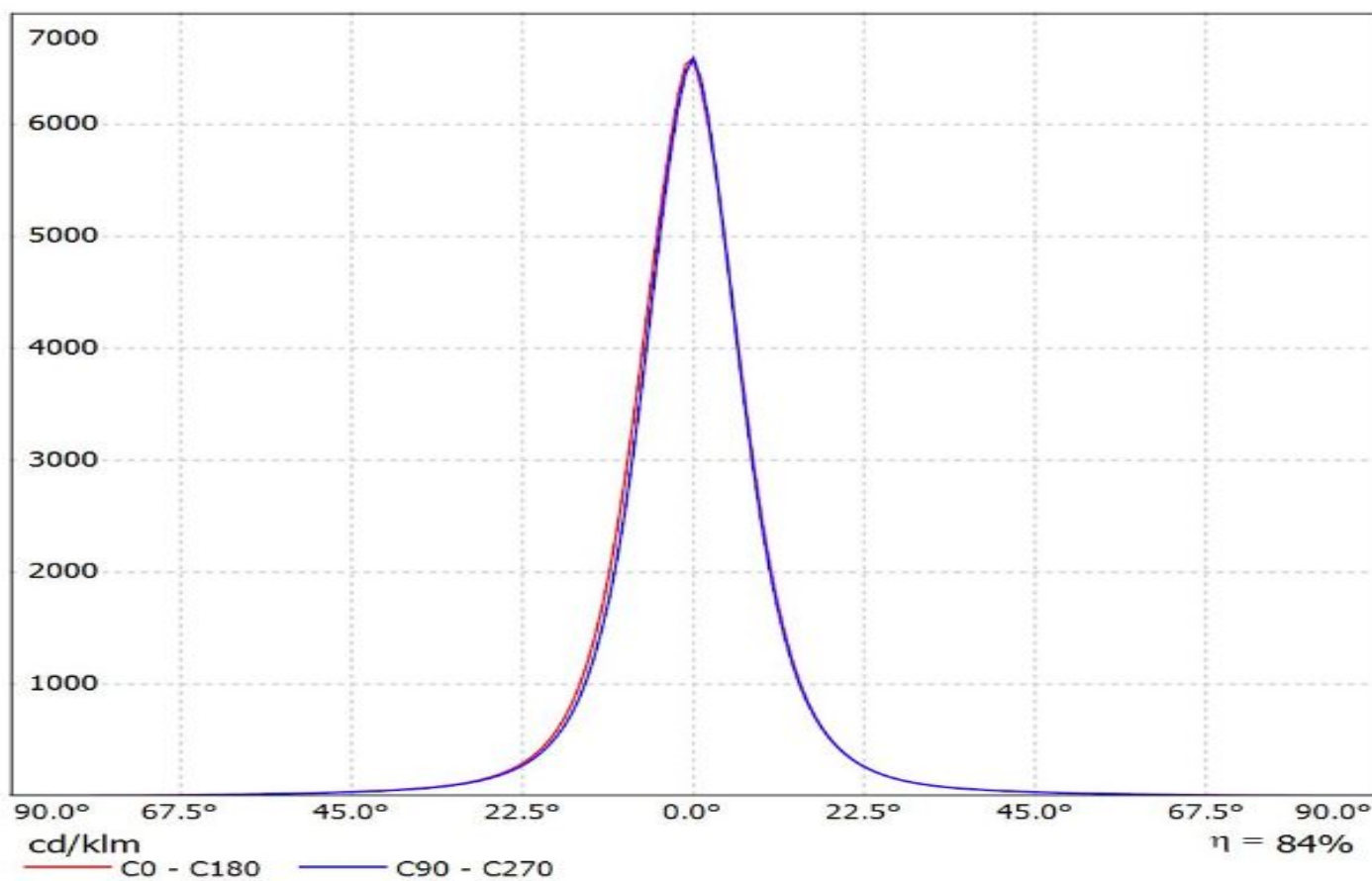


Luminaire: Ledil FCN13741_GERI-RZ_(XP-G3)
Lamps: 1 x Cree_XP-G3_109.458lm@250mA_P=0.738275W_I=0.250A



Luminaire: Ledil FCN13741_GERI-RZ_(XT-E)

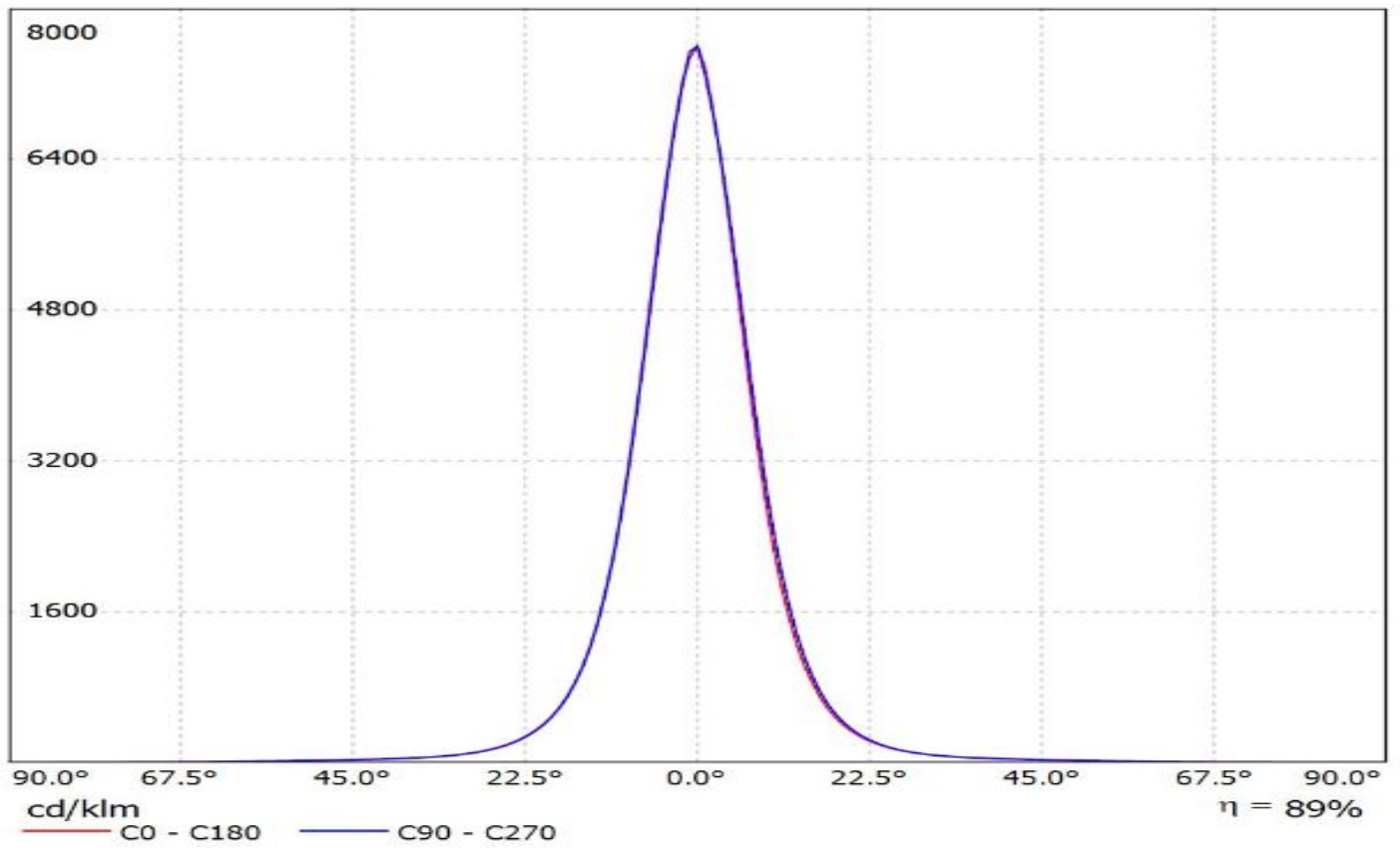
Lamps: 1 x Cree_XT-E_(XTÉAWT-0-2A0-R30-FB-0001)_100.346lm@250mA_P=0.795125W_I=0.250A



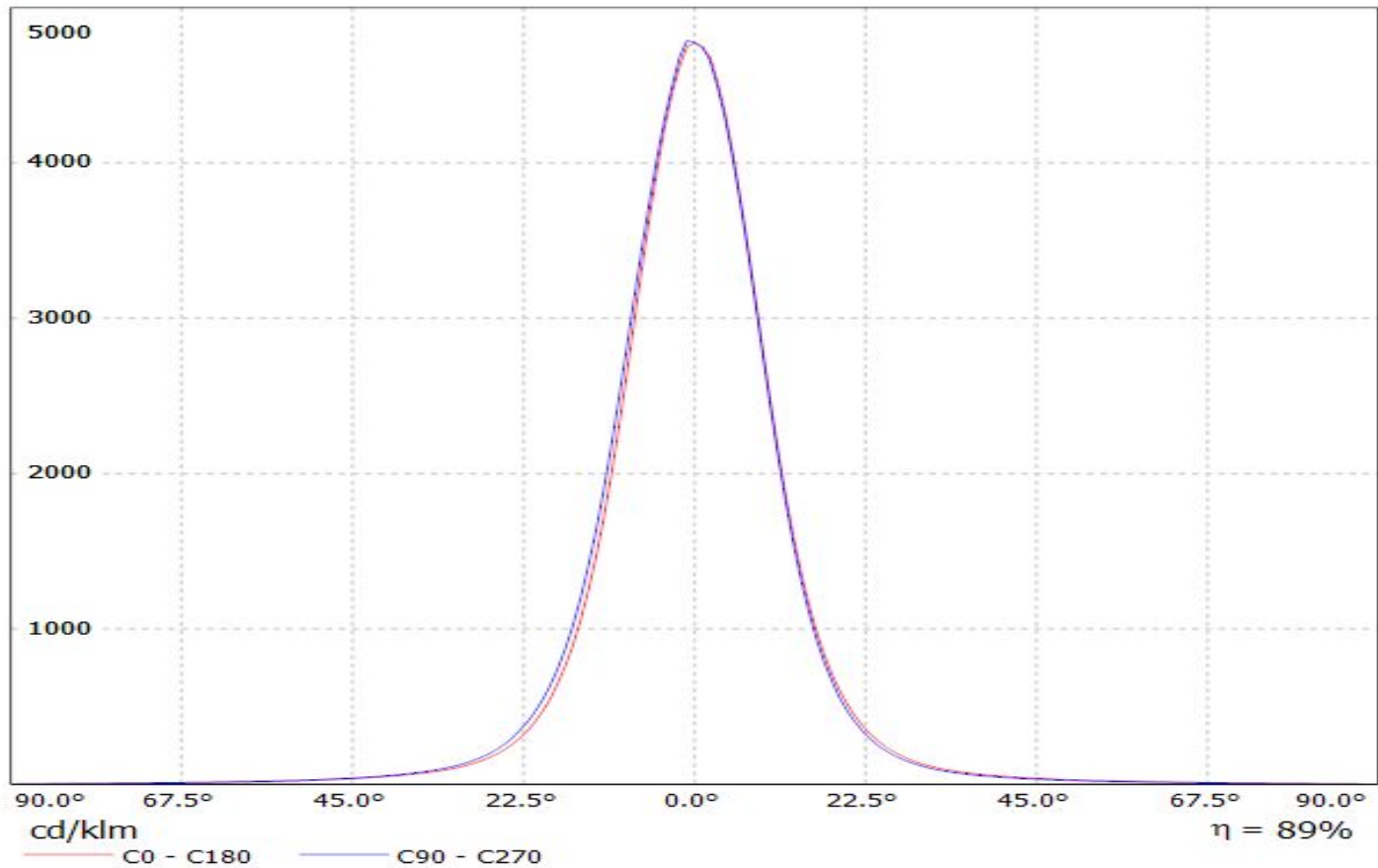
Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW)

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



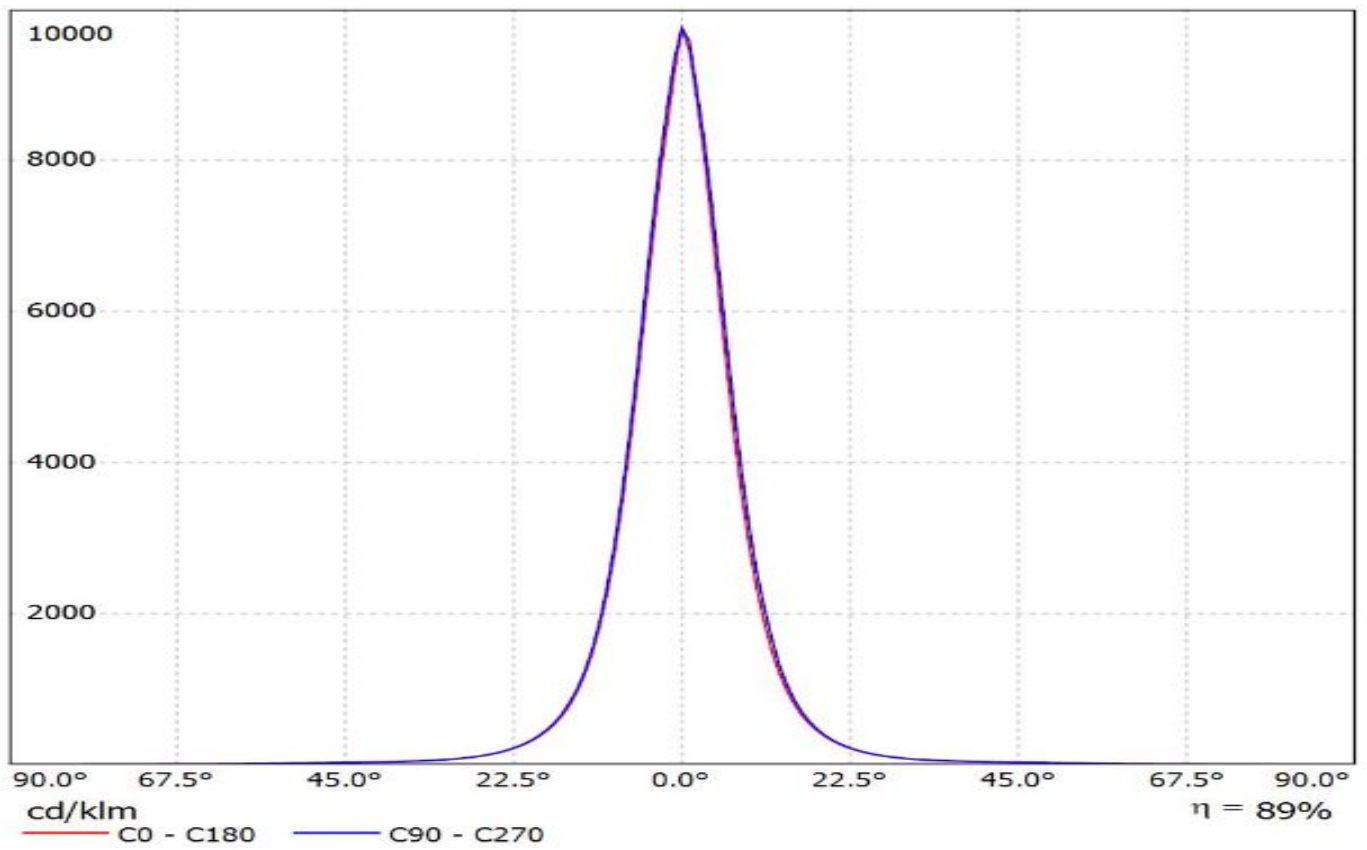
Luminaire: LEDiL Oy FCN13741_GERI-RZ_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



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

Luminaire: Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB)

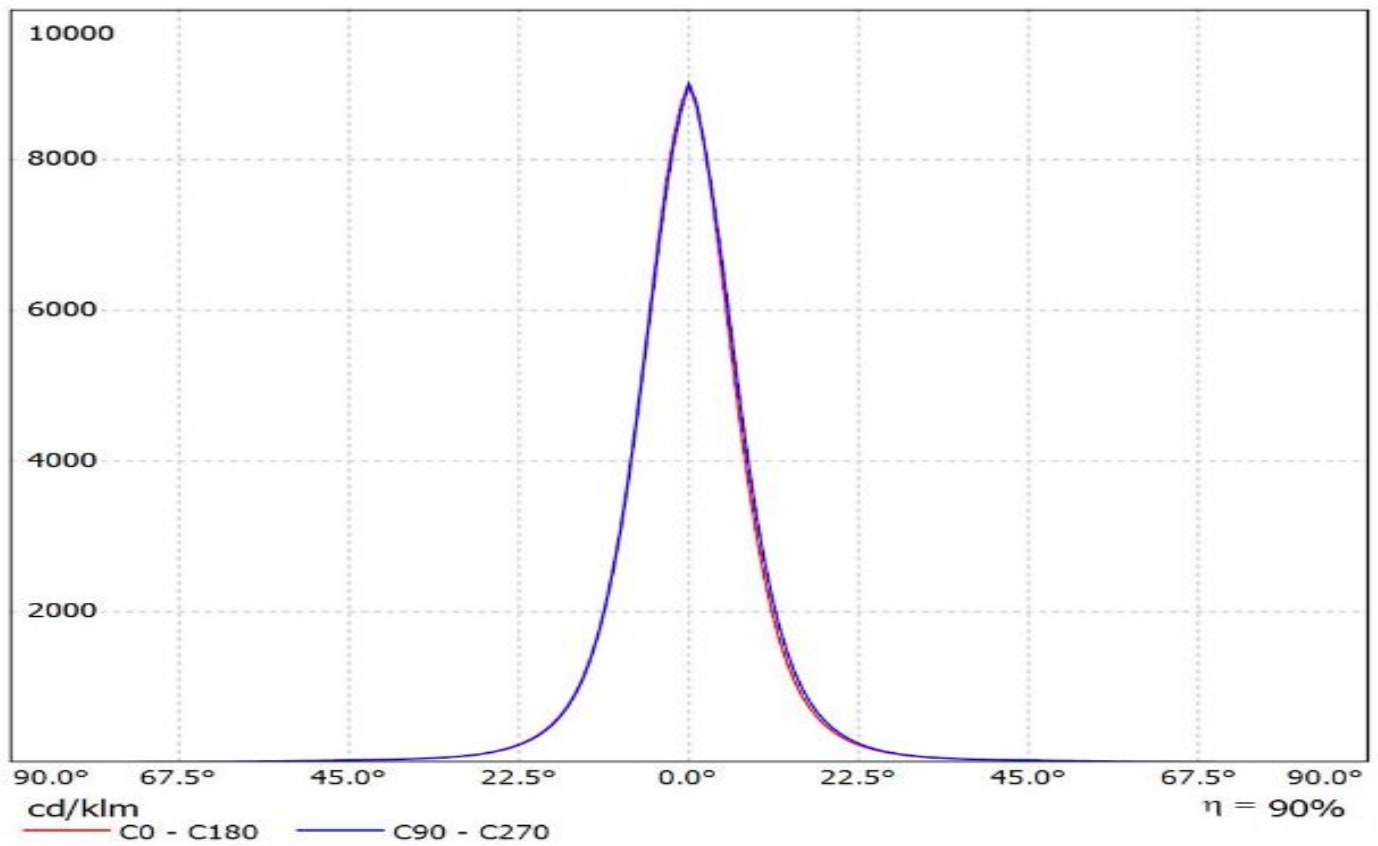
Lamps: 1 x OSRAM_OSTAR-SMT_RGB_168.879lm@250mA_P=3W_I=0.25A



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

Luminaire: Ledil CN13741_GERI-RZ_(F50360_RGB)

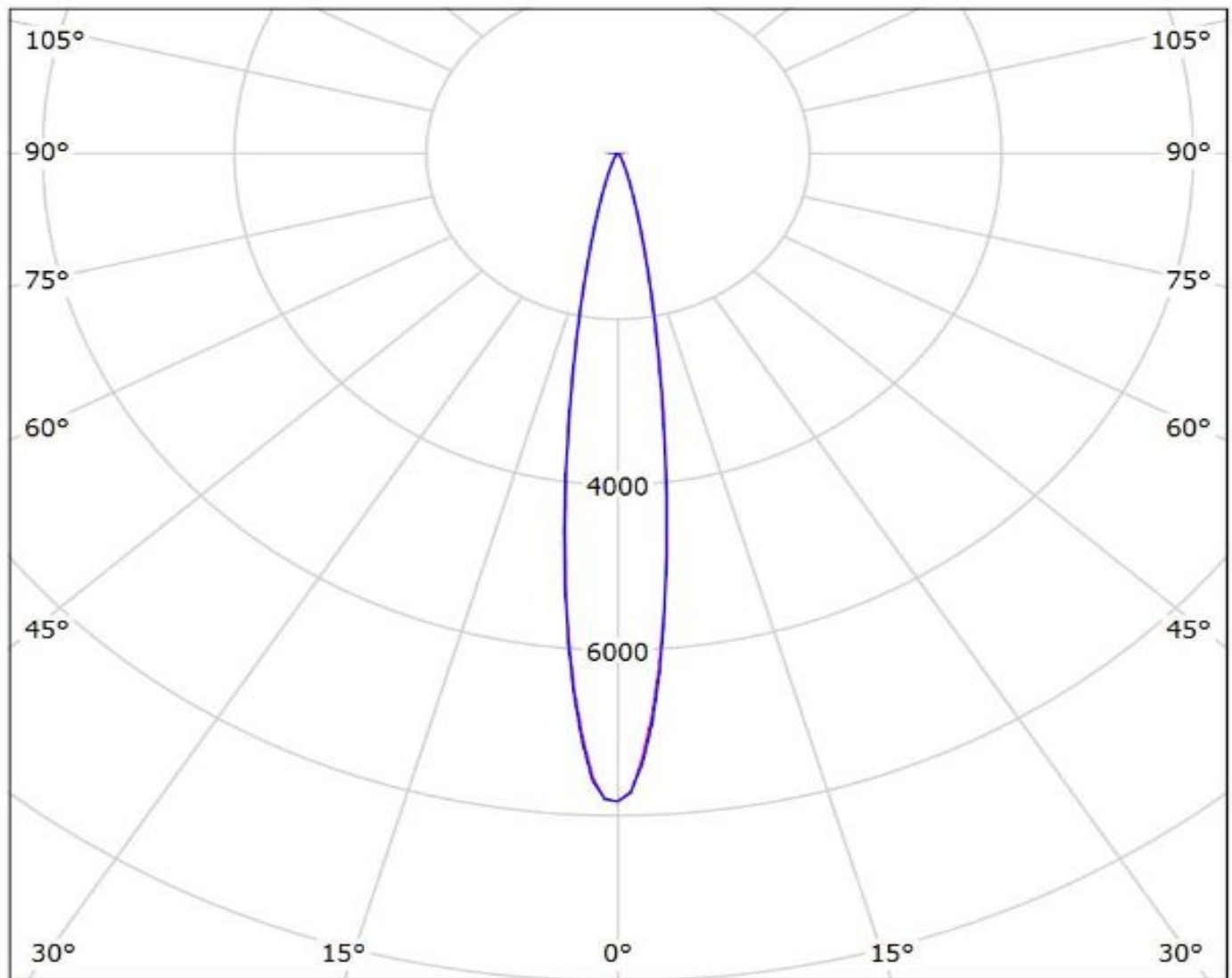
Lamps: 1 x SEOUL_F50360_RGB_(-01_QLSRBH)_57.1364lm@250mA_P=2.1W_I=0.25A



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

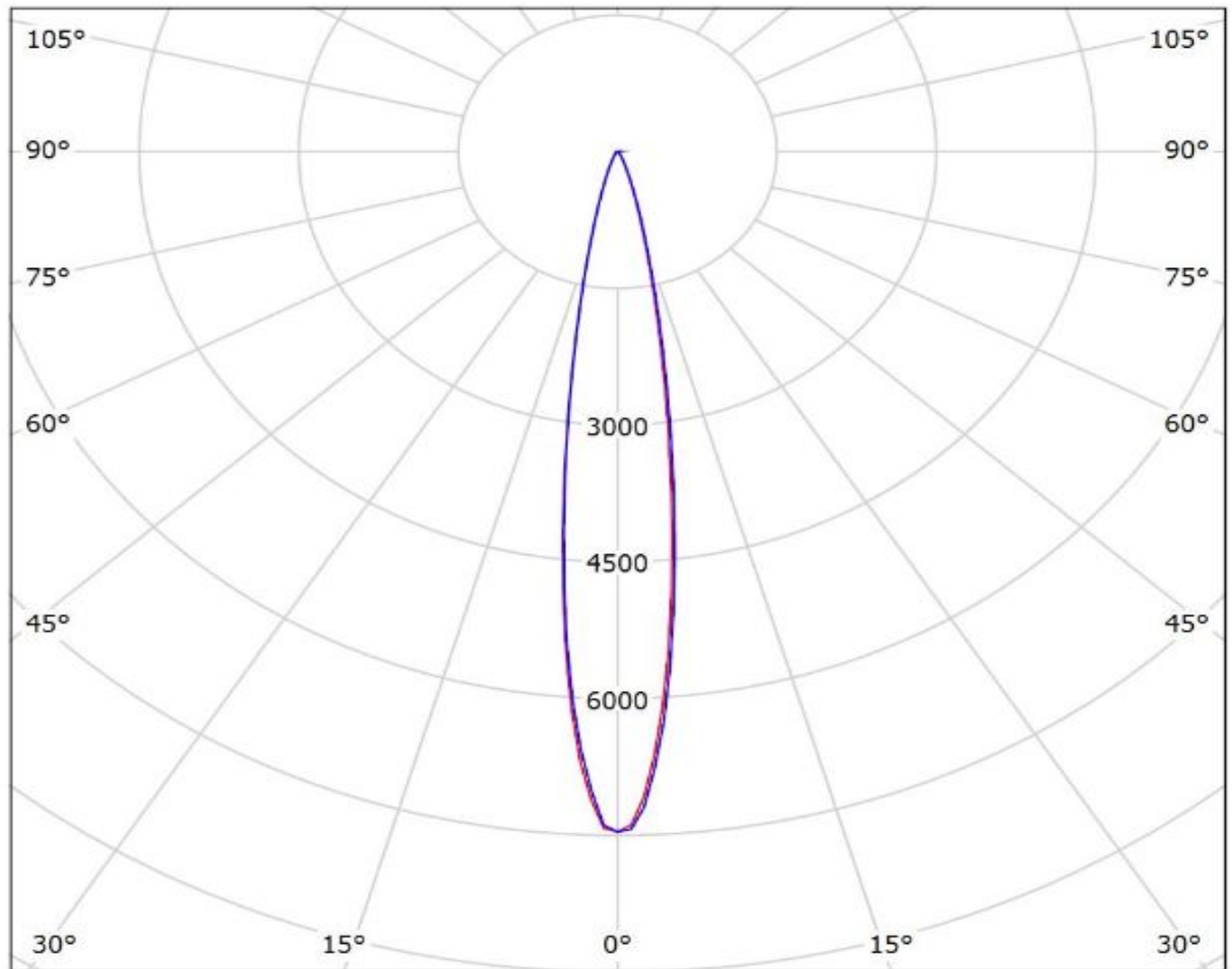
— C90 - C270

$\eta = 90\%$

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

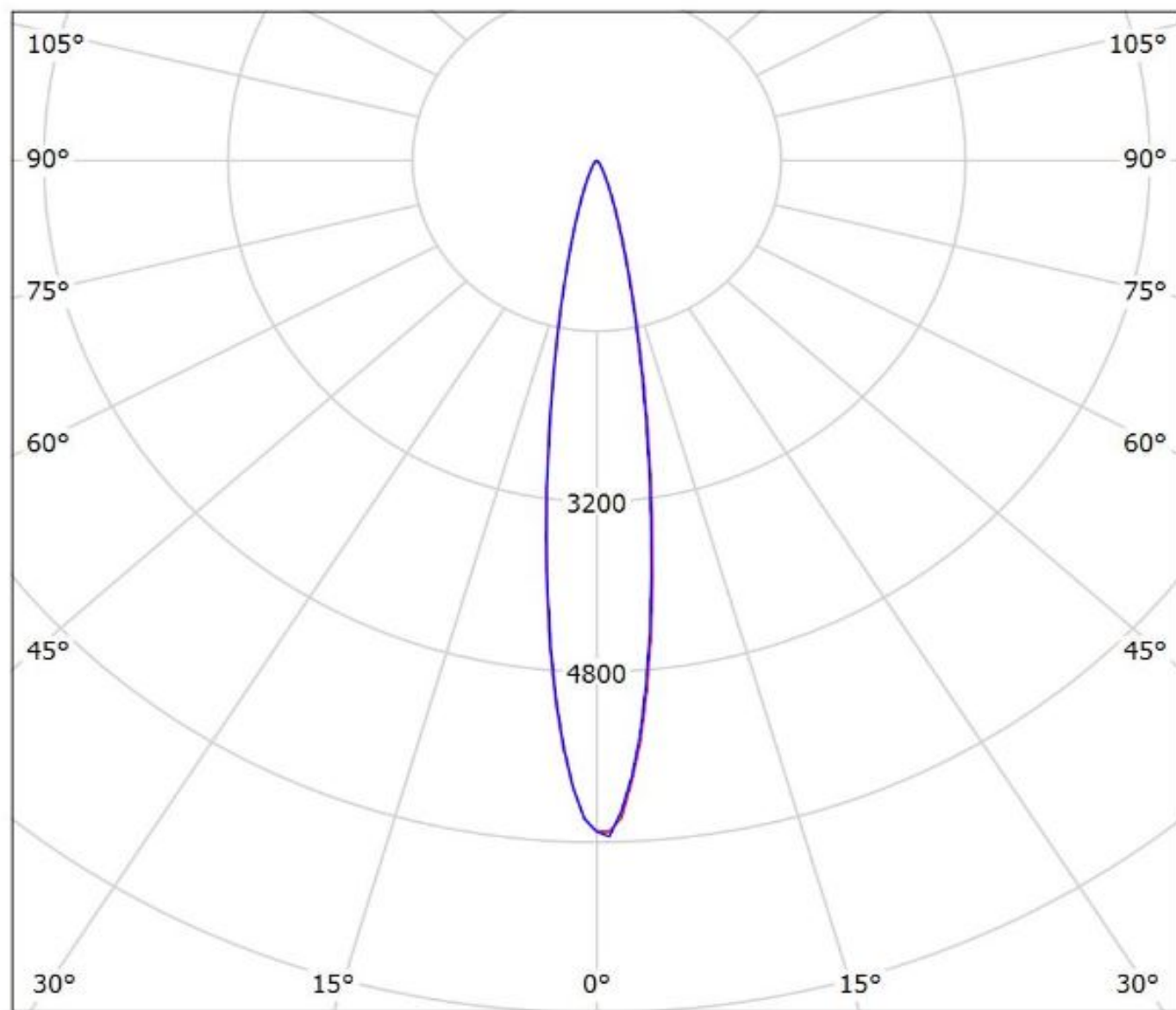
— C0 - C180

— C90 - C270

η = 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

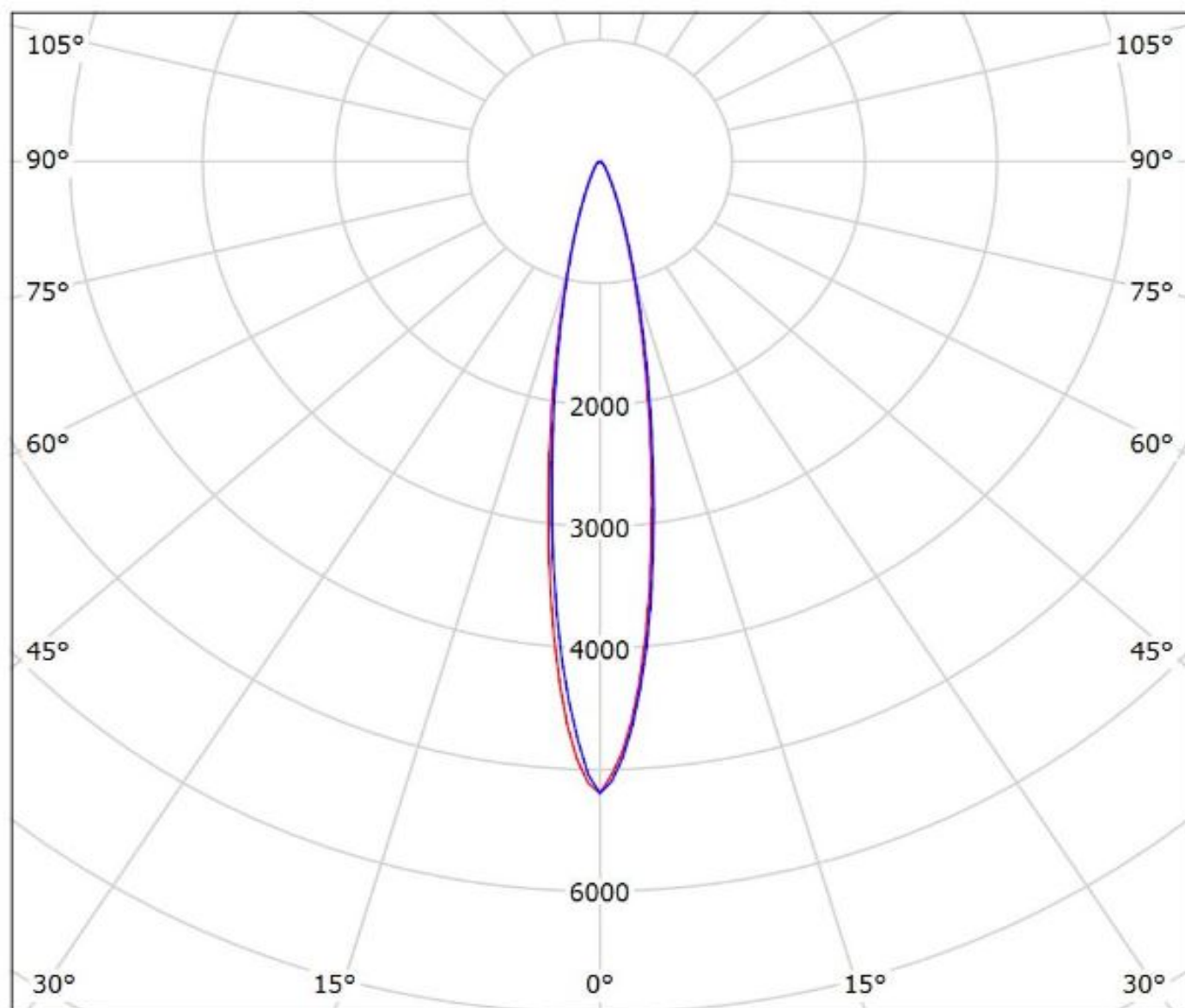
— C0 - C180

— 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

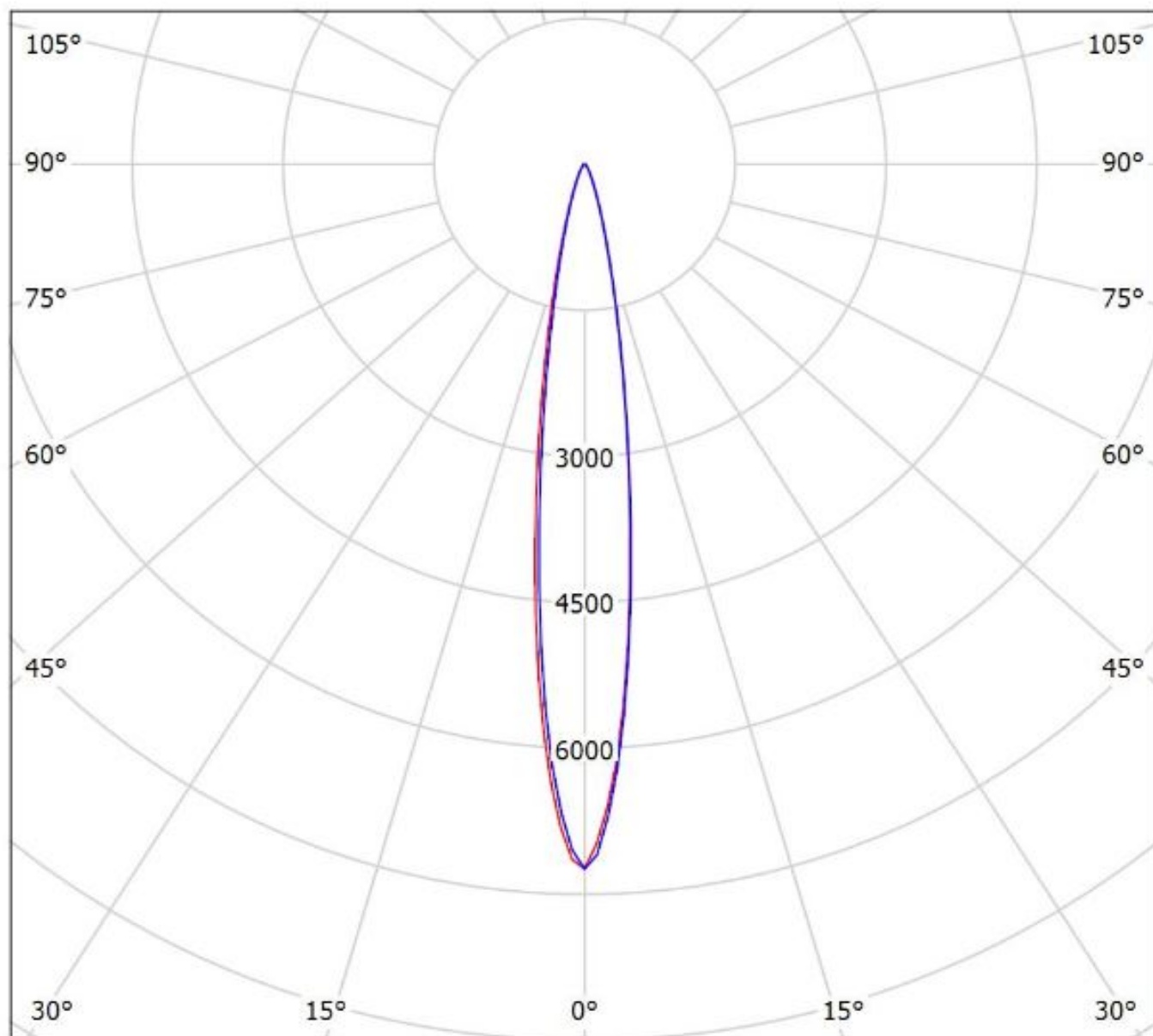
— C0 - C180

— 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

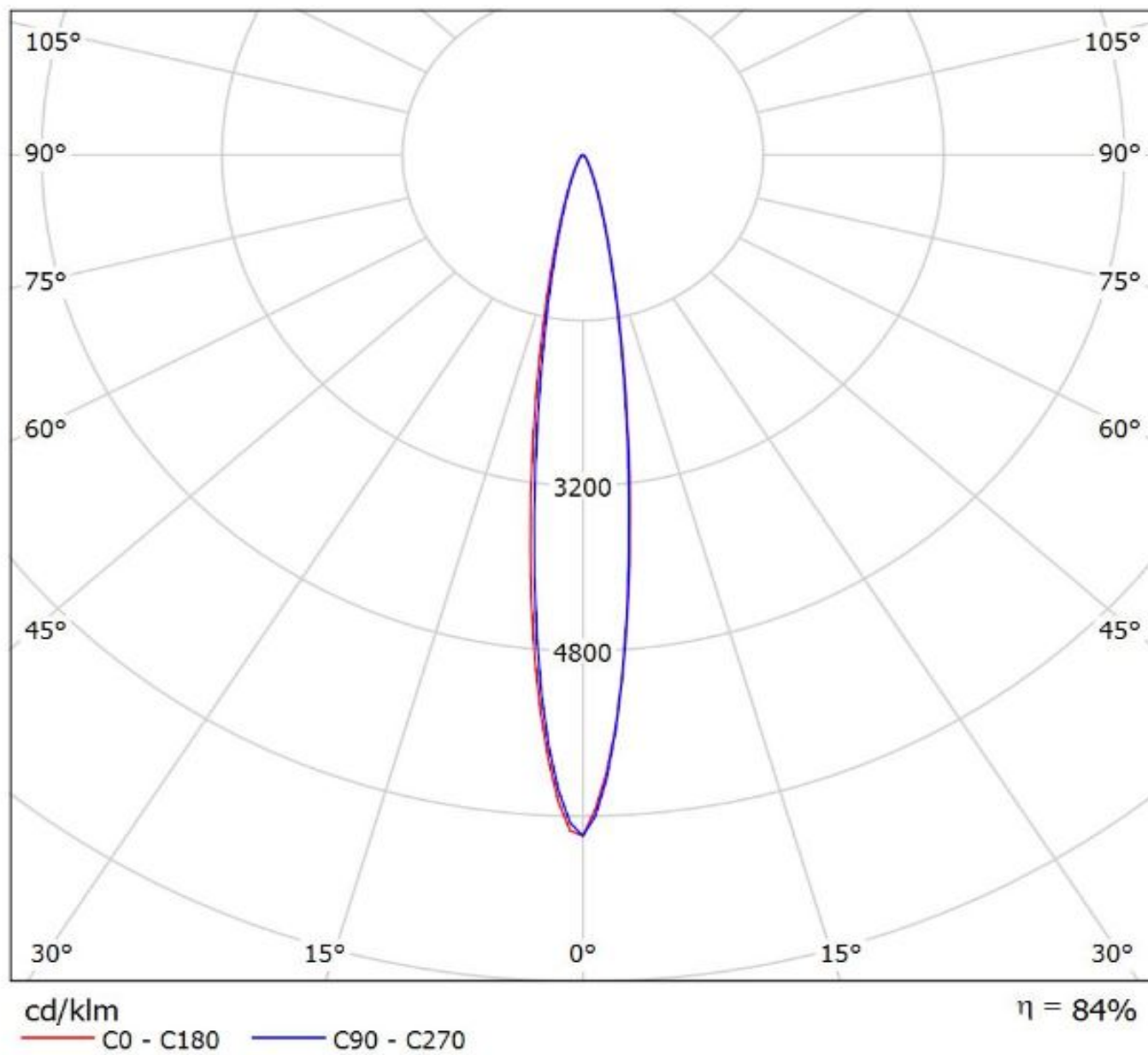
$\eta = 85\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil FCN13741_GERI-RZ_(XT-E)

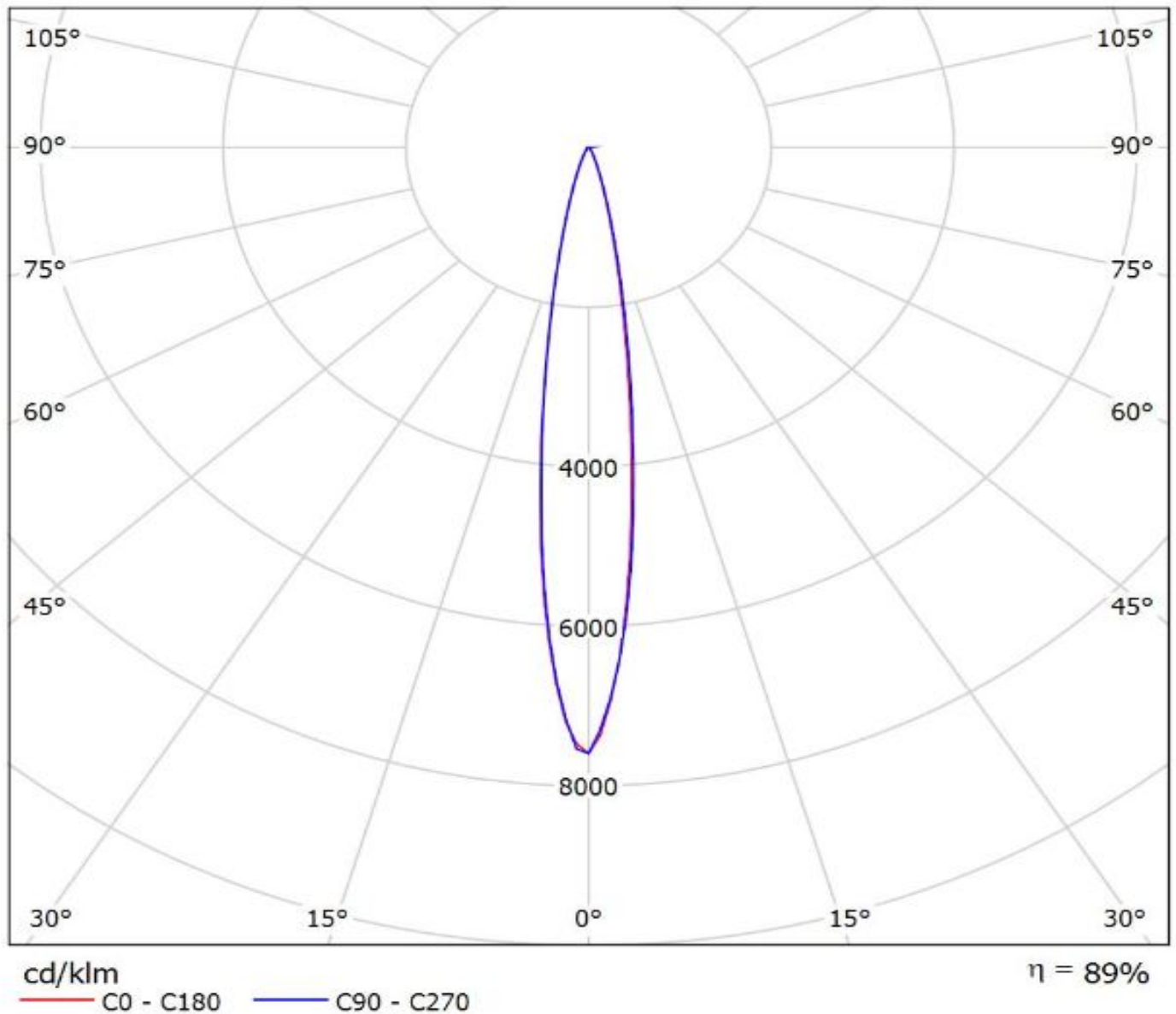
Lamps: 1 x Cree_XT-E_(XTEAWT-0-2A0-R30-FB-0001)_100.346lm@250mA_P=0.795125W_I=0.250A



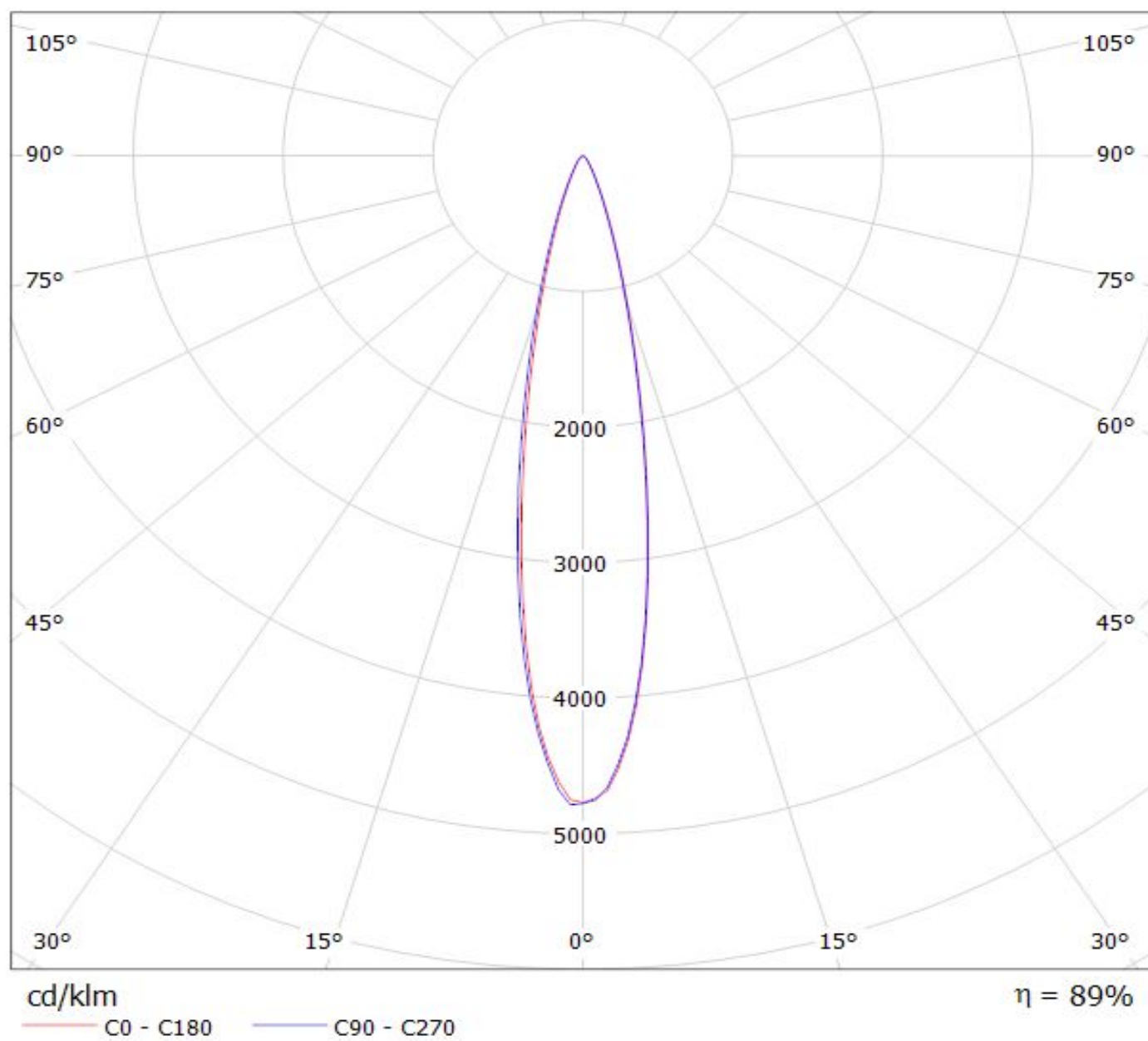
Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW) / LDC (Polar)

Luminaire: Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW)

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



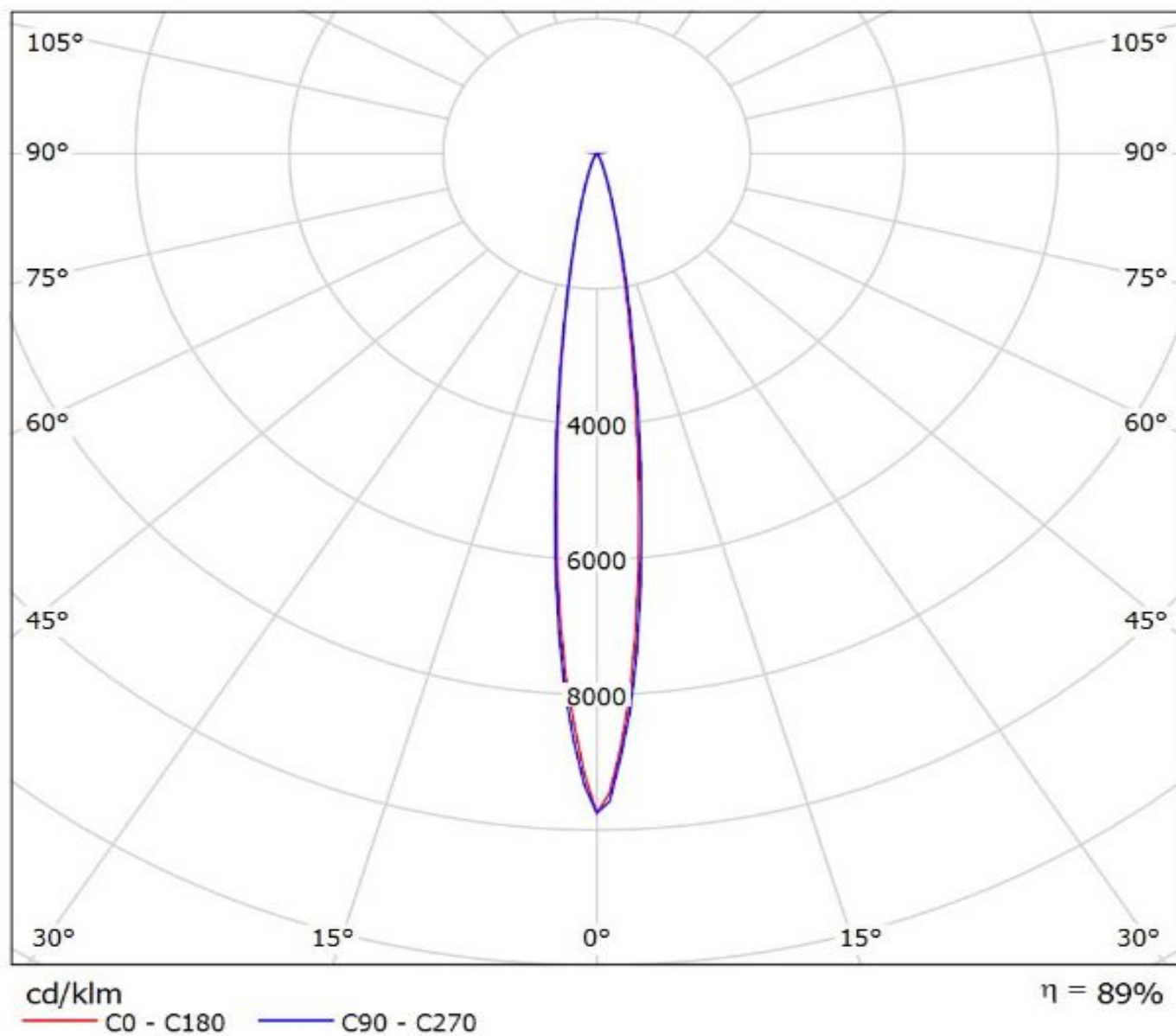
Luminaire: LEDiL Oy FCN13741_GERI-RZ_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



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

Luminaire: Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB)

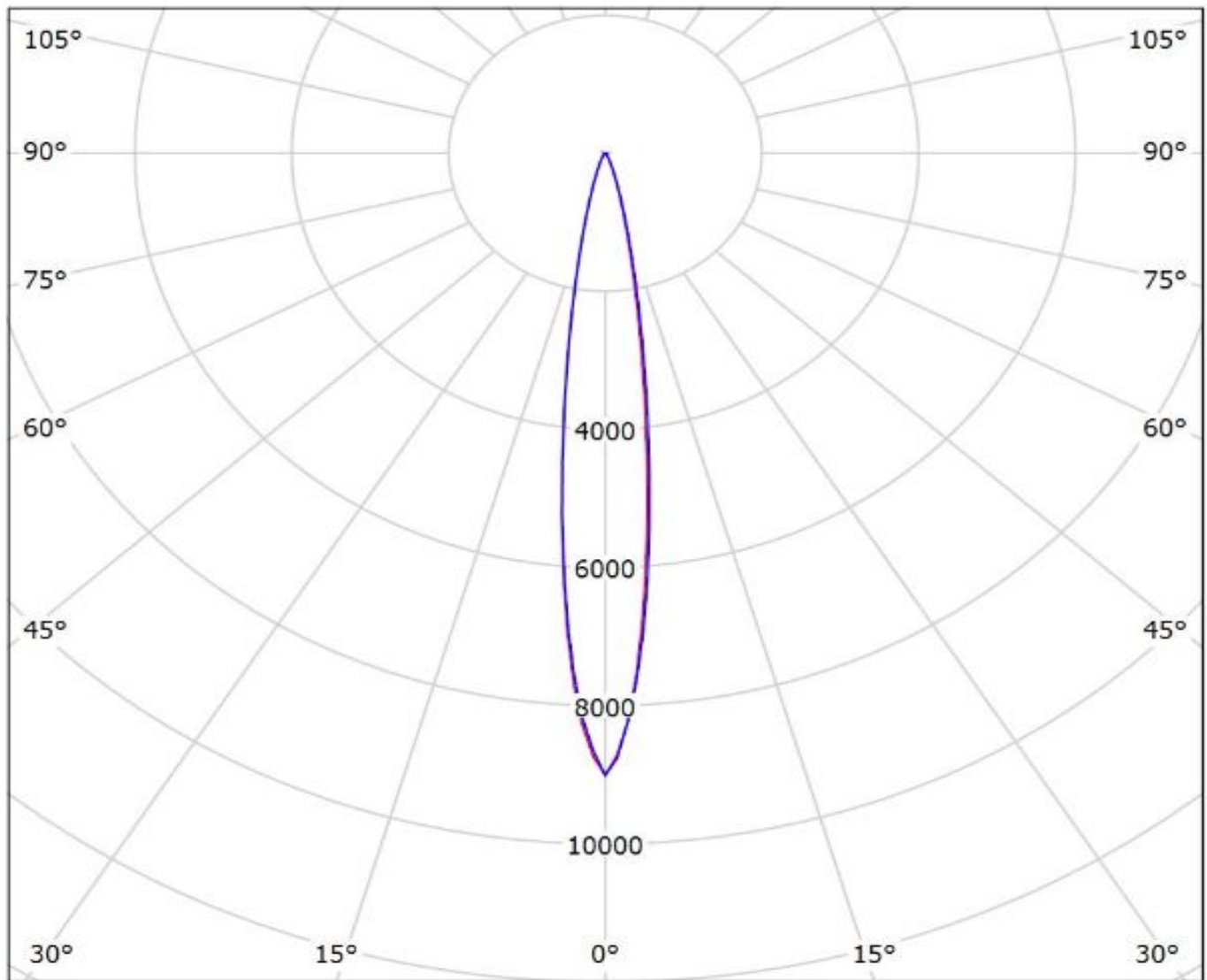
Lamps: 1 x OSRAM_OSTAR-SMT_RGB_168.879lm@250mA_P=3W_I=0.25A



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.