

DETAILS

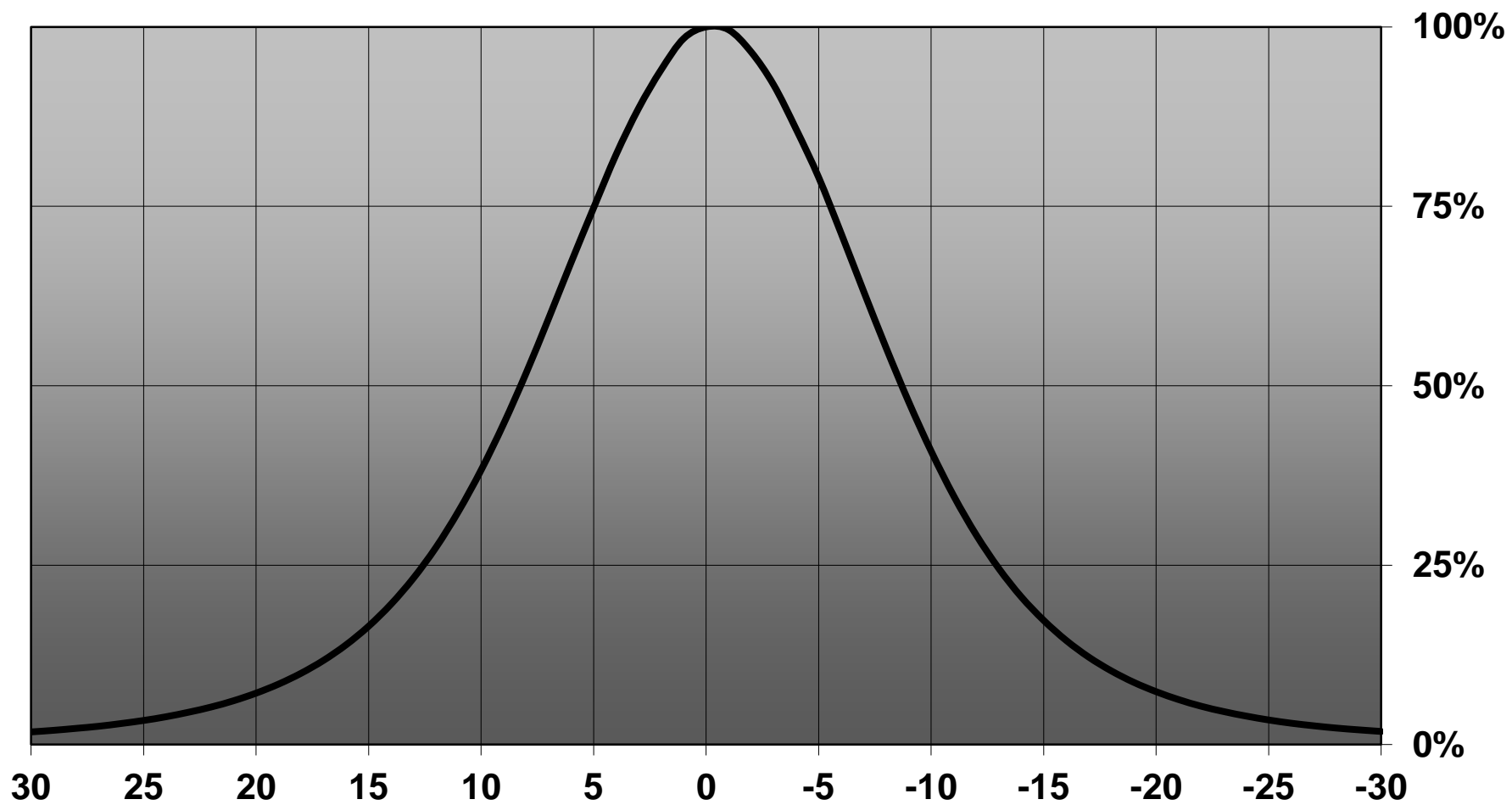
| | |
|------------------------|------------------|
| Product Number | FCN13741_GERI-RZ |
| Family | Geri |
| Type | Pack |
| Color | white |
| Diameter | 45 + 45 mm |
| Height | 32,8 mm |
| Style | square |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | glue, pin, screw |
| Status | production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



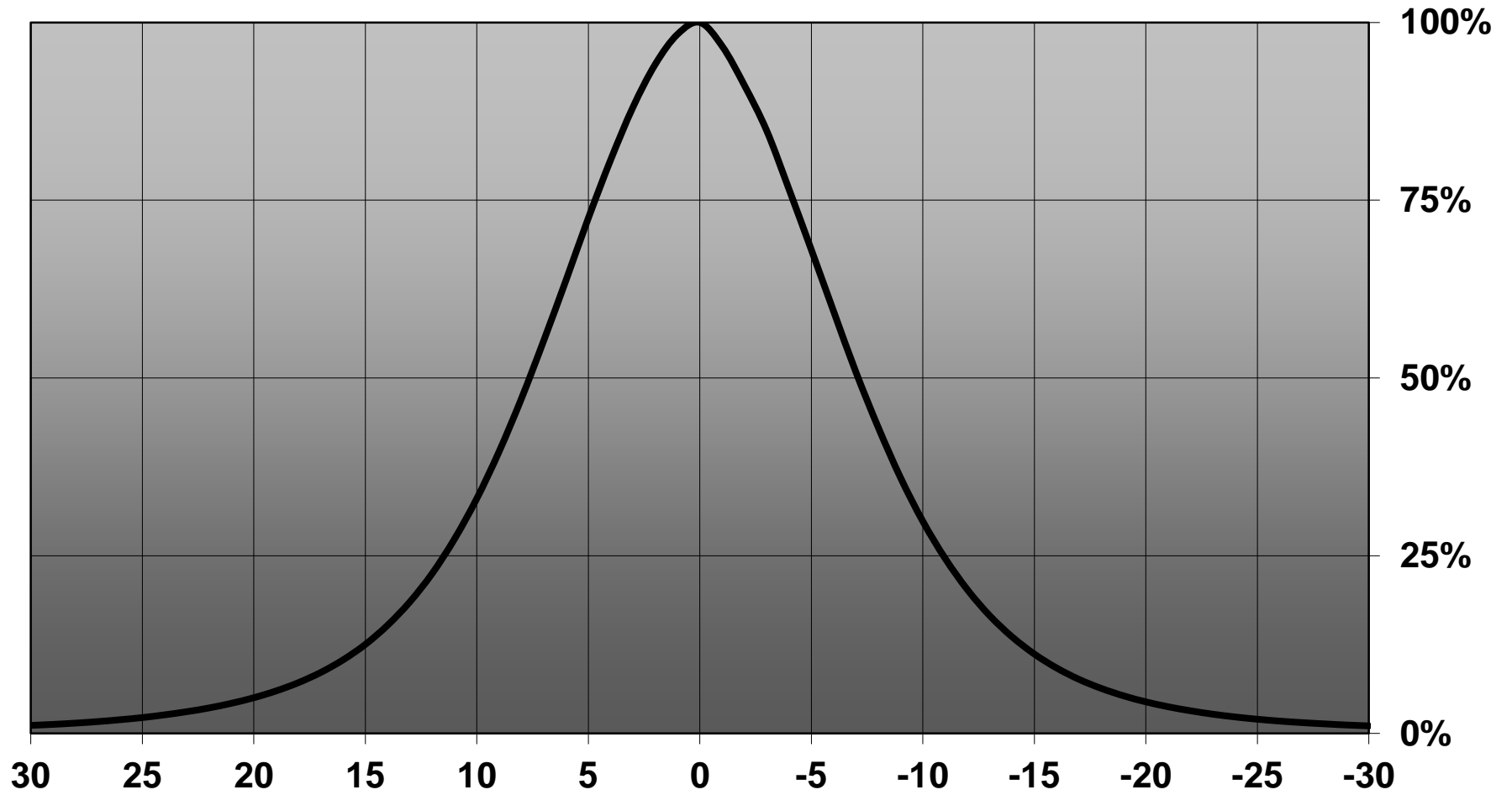
OPTICAL PROPERTIES

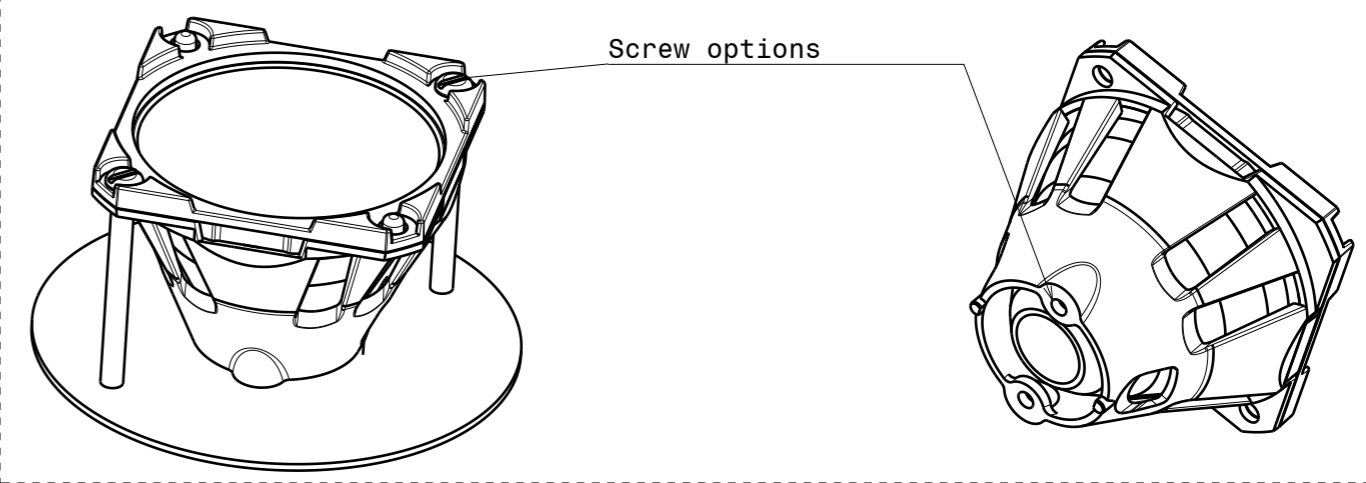
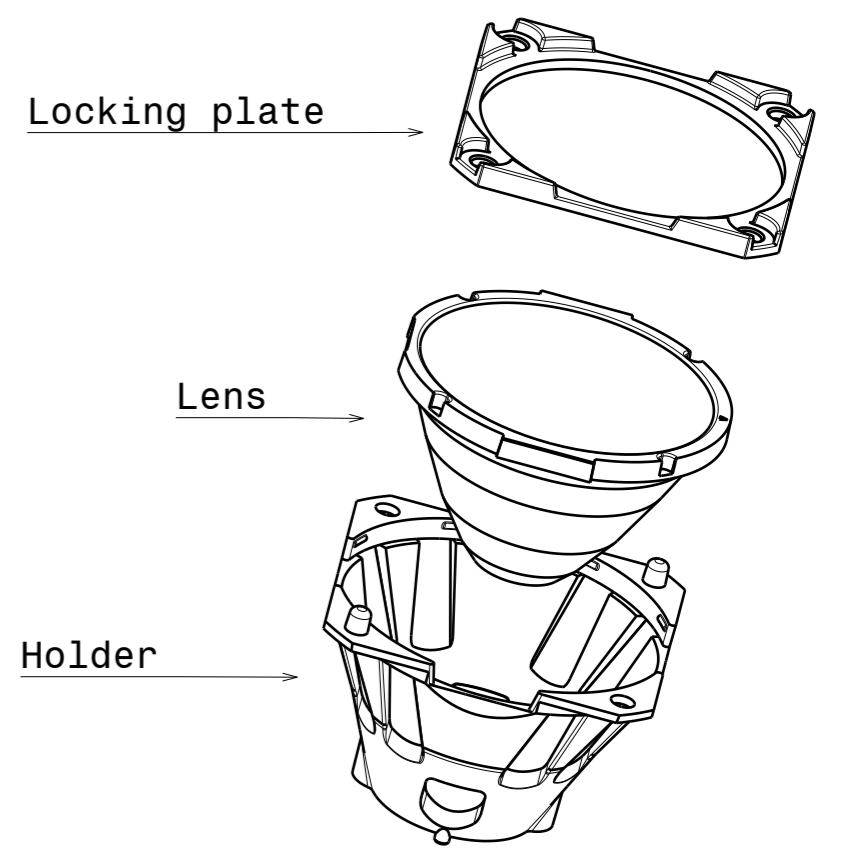
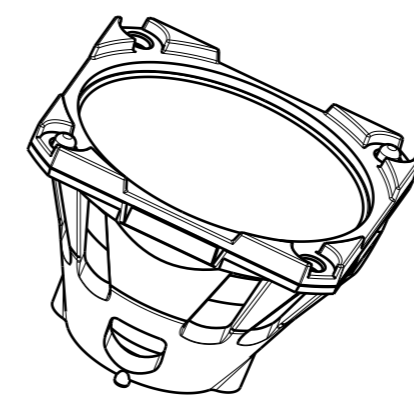
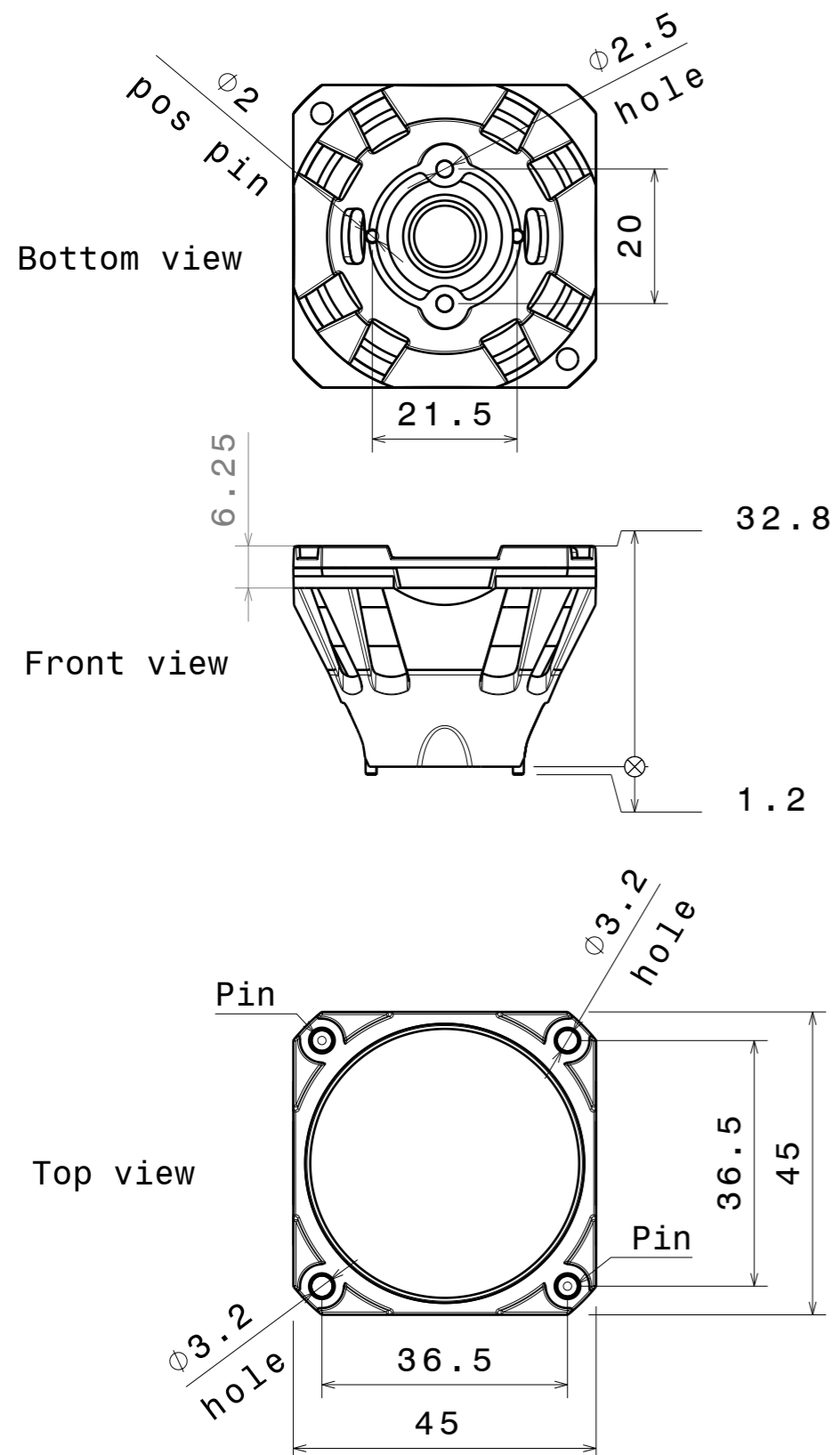
| LED | Viewing | Light | Efficiency | cd/lm | Connector |
|--------------------|---------|-------|------------|-------|-----------|
| | Angle | Beam | | | |
| MC-E RGB | 15 deg | Spot | 90 % | 7.800 | - |
| XM-L RGB | 16 deg | Spot | 90 % | 7.500 | - |
| XQ-E HI RGBW | 17 deg | Spot | 85 % | 6.510 | - |
| 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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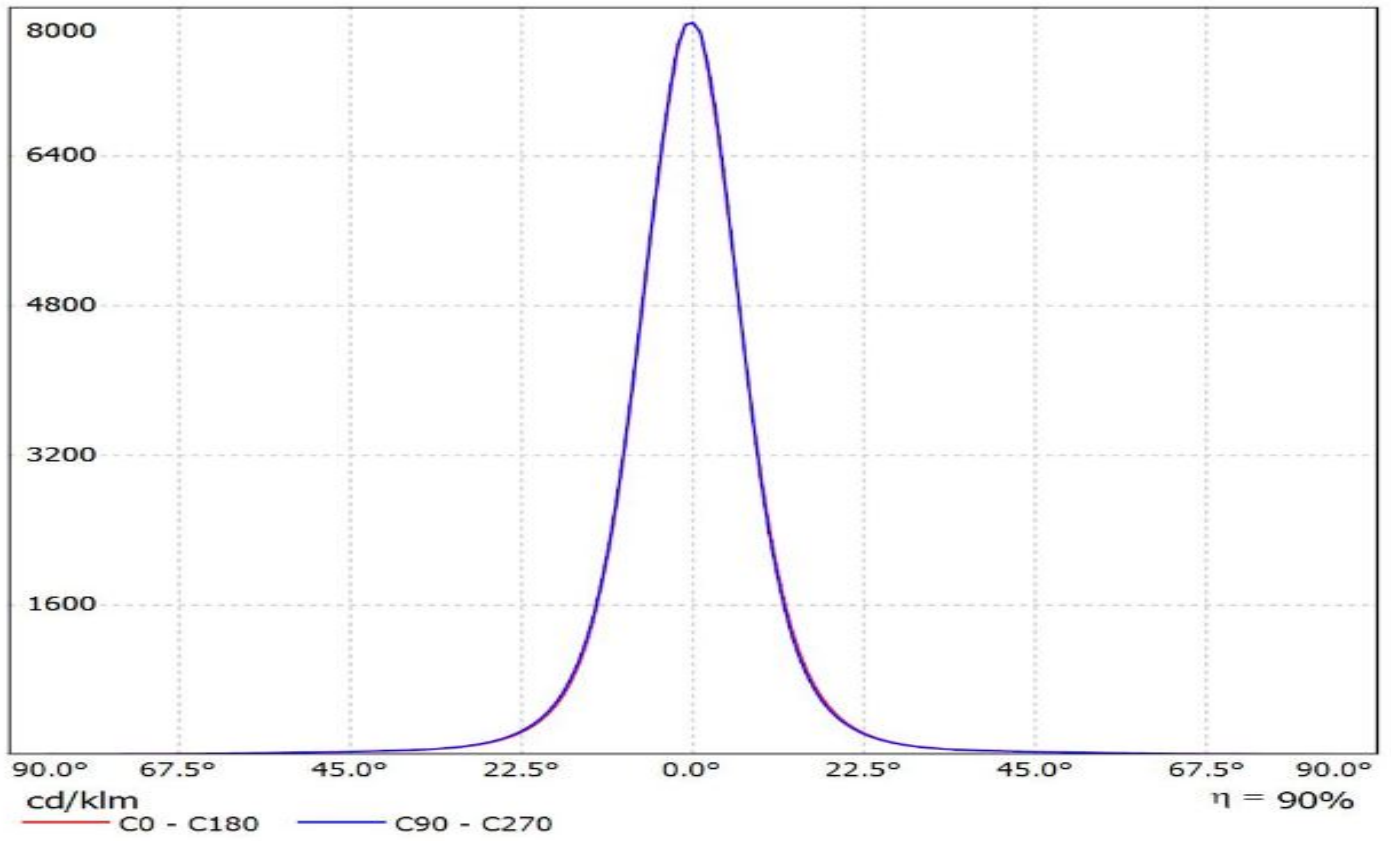
SIZE A3 **PART NUMBER** CN13741

SCALE 1:1 **WEIGHT** **SHEET** 1/1

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

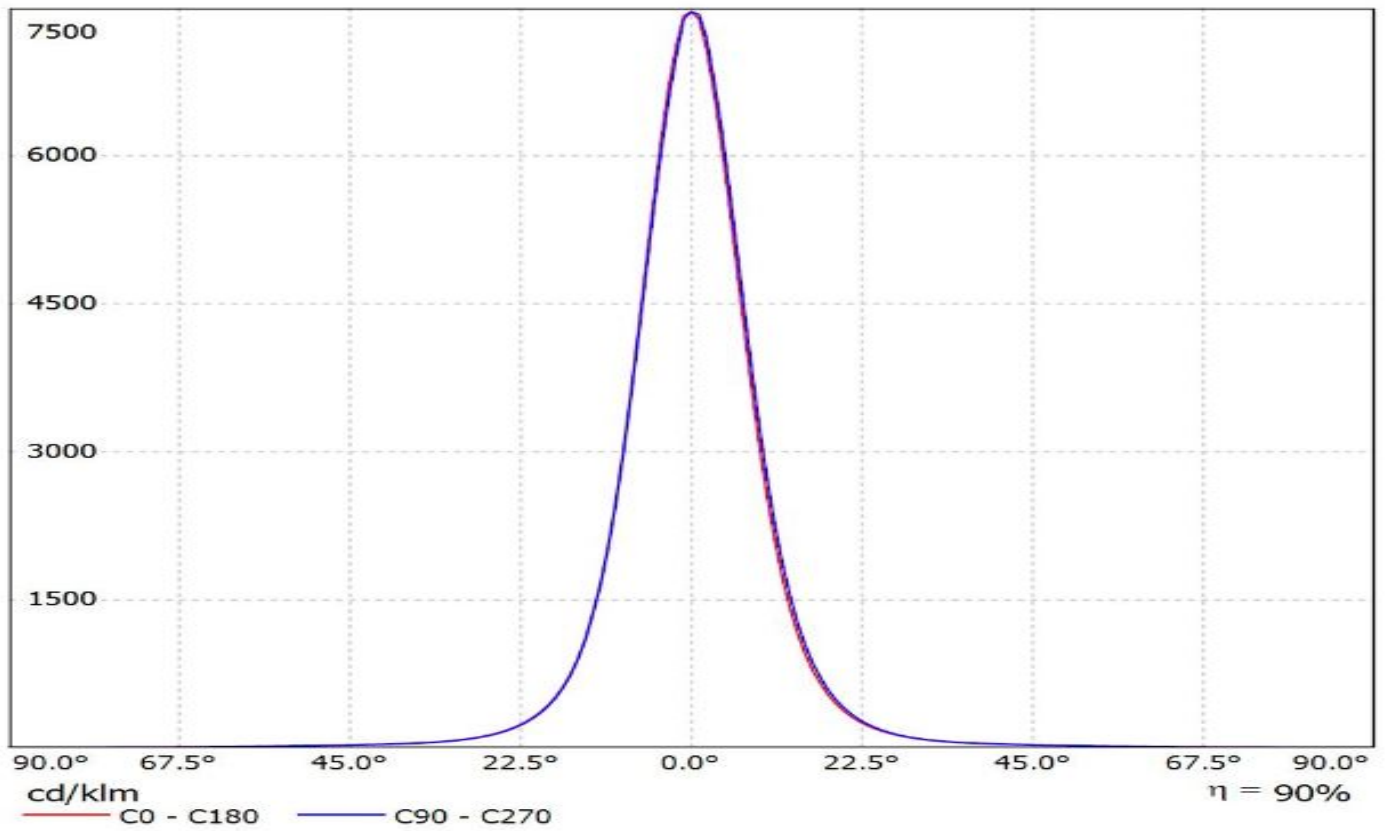
Luminaire: Ledil CN13741_GERI-RZ_(MC-E_RGBW)

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



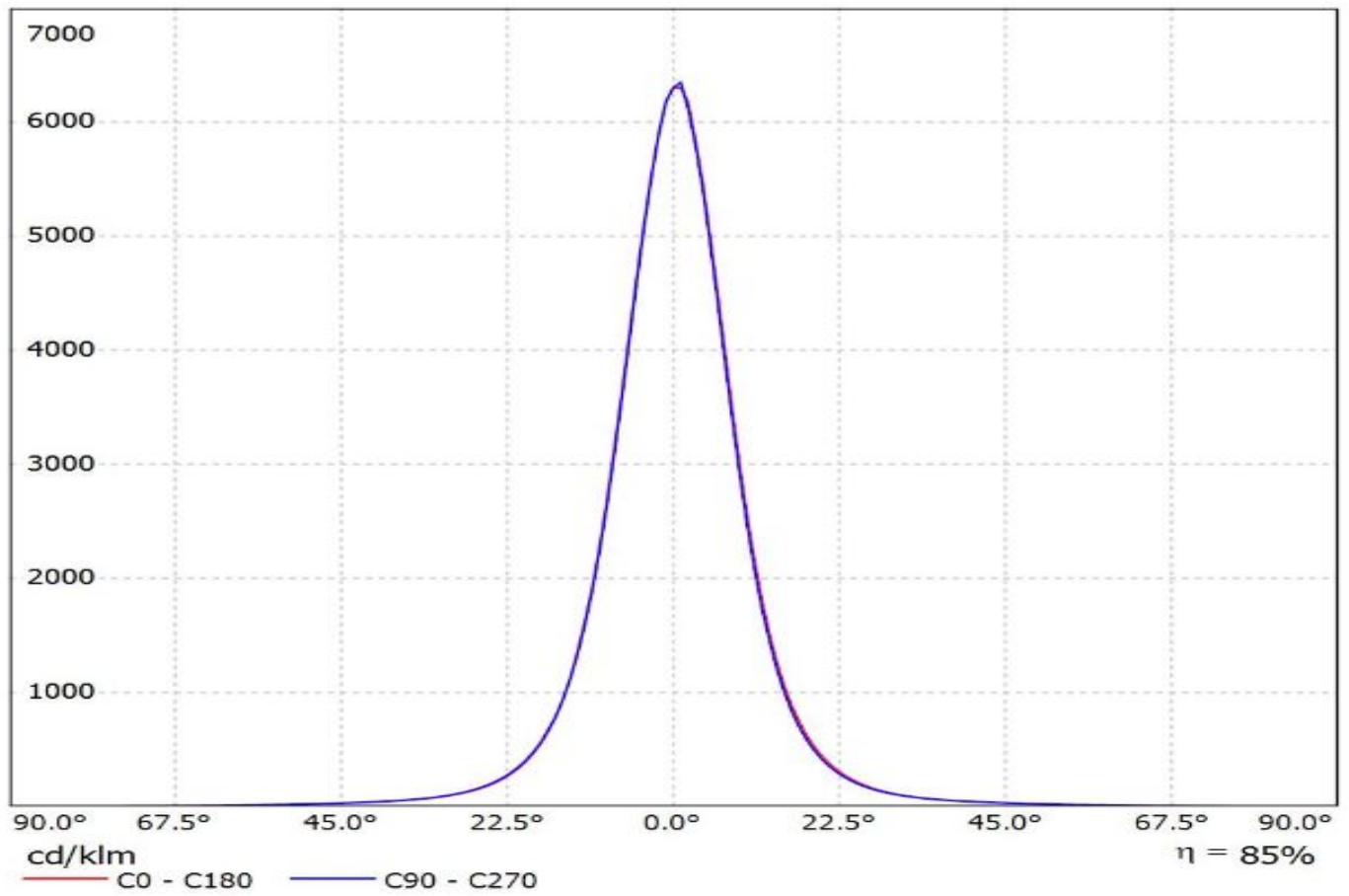
Ledil CN13741_GERI-RZ_(XM-L_RGBW) / LDC (Linear)

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



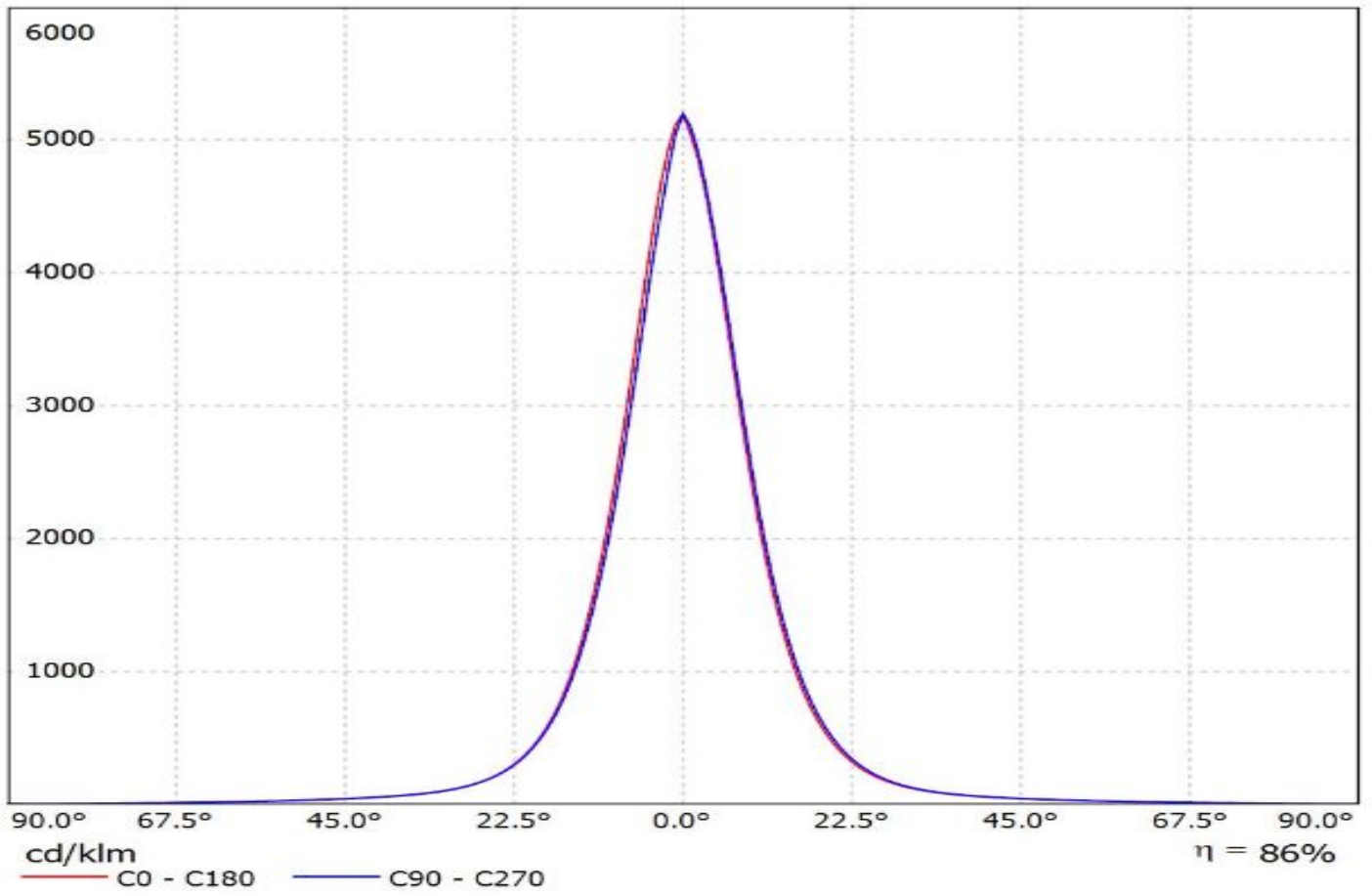
Luminaire: Ledil FCN13741_GERI-RZ_(XQE_HI_RGBW)

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

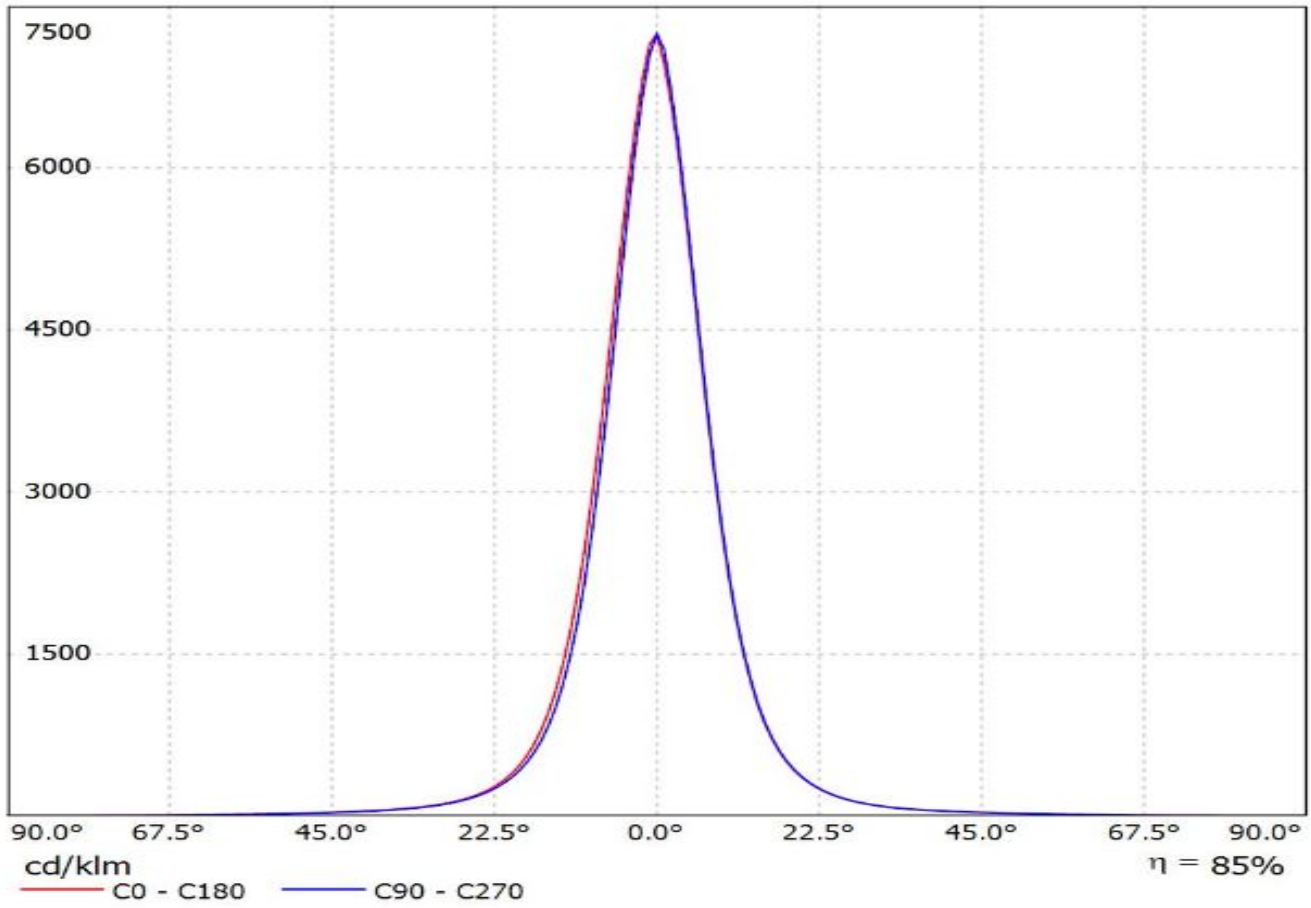


Luminaire: Ledil FCN13741_GERI-RZ (XQ-E_HD_RGBW)

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

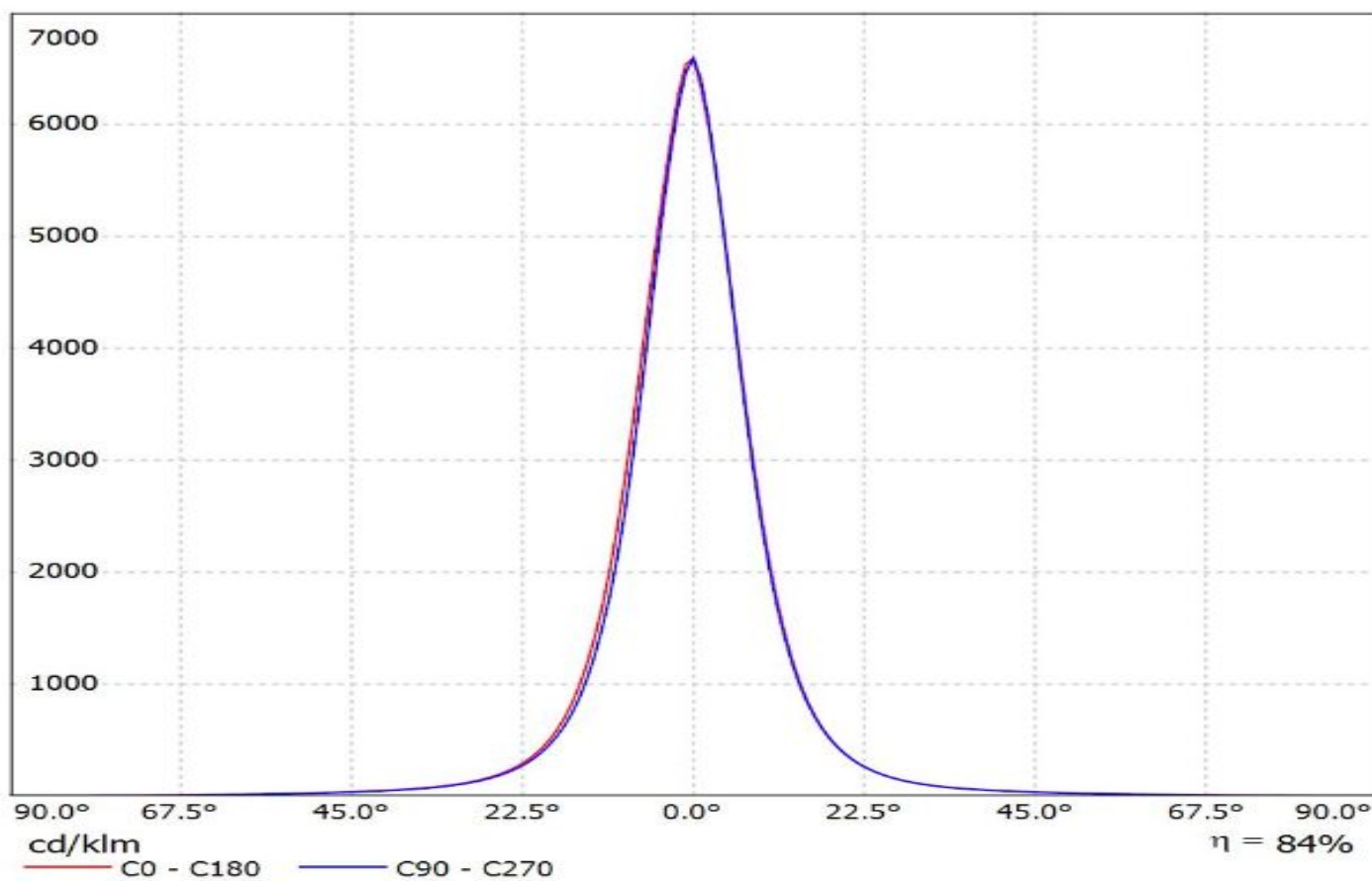


Luminaire: Ledil FCN13741_GERI-RZ_(XP-G3)
Lamps: 1 x Cree_XP-G3_109.458lm@250mA_P=0.738275W_I=0.250A



Luminaire: Ledil FCN13741_GERI-RZ_(XT-E)

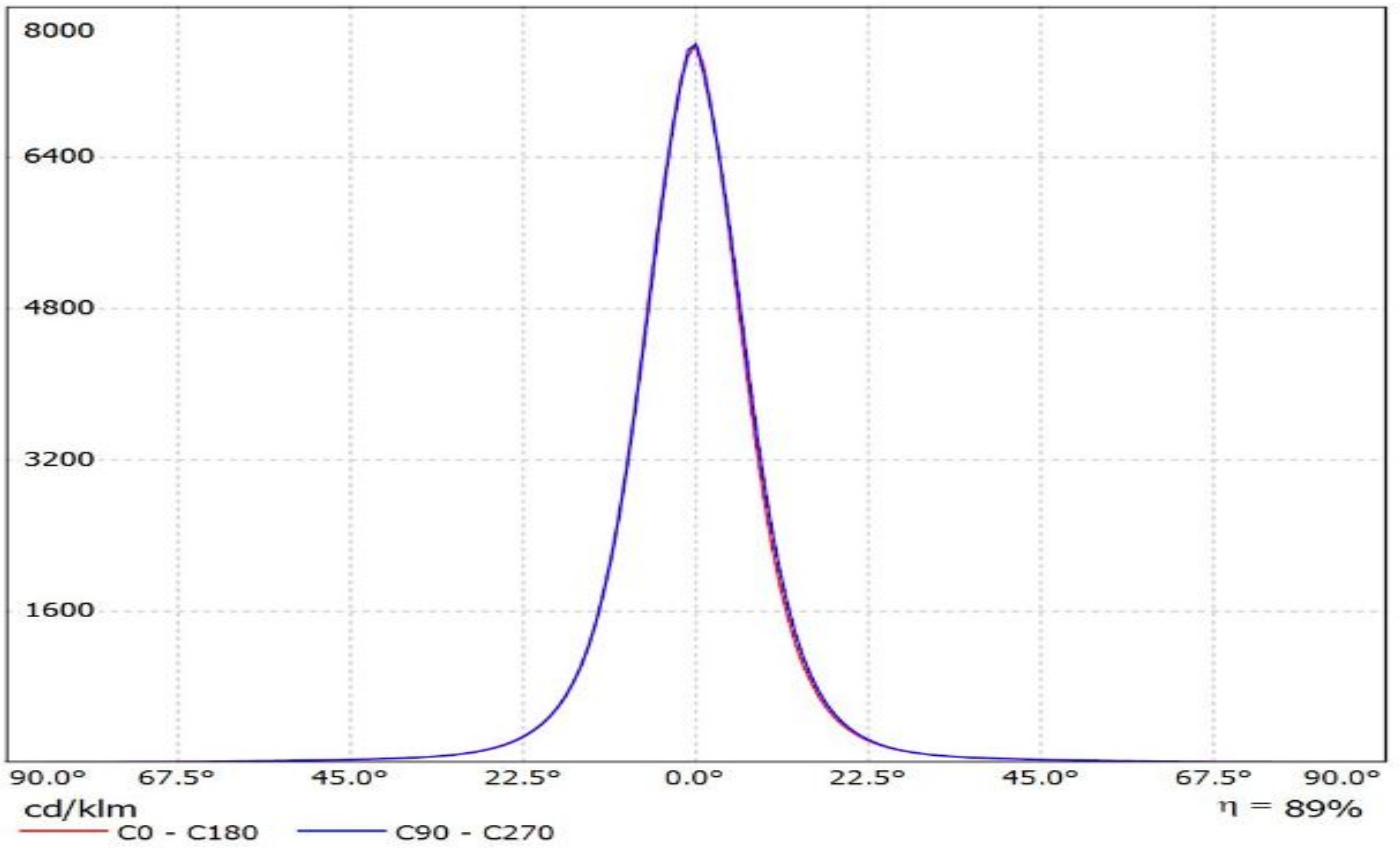
Lamps: 1 x Cree_XT-E_(XT-EAWT-0-2A0-R30-FB-0001)_100.346lm@250mA_P=0.795125W_I=0.250A



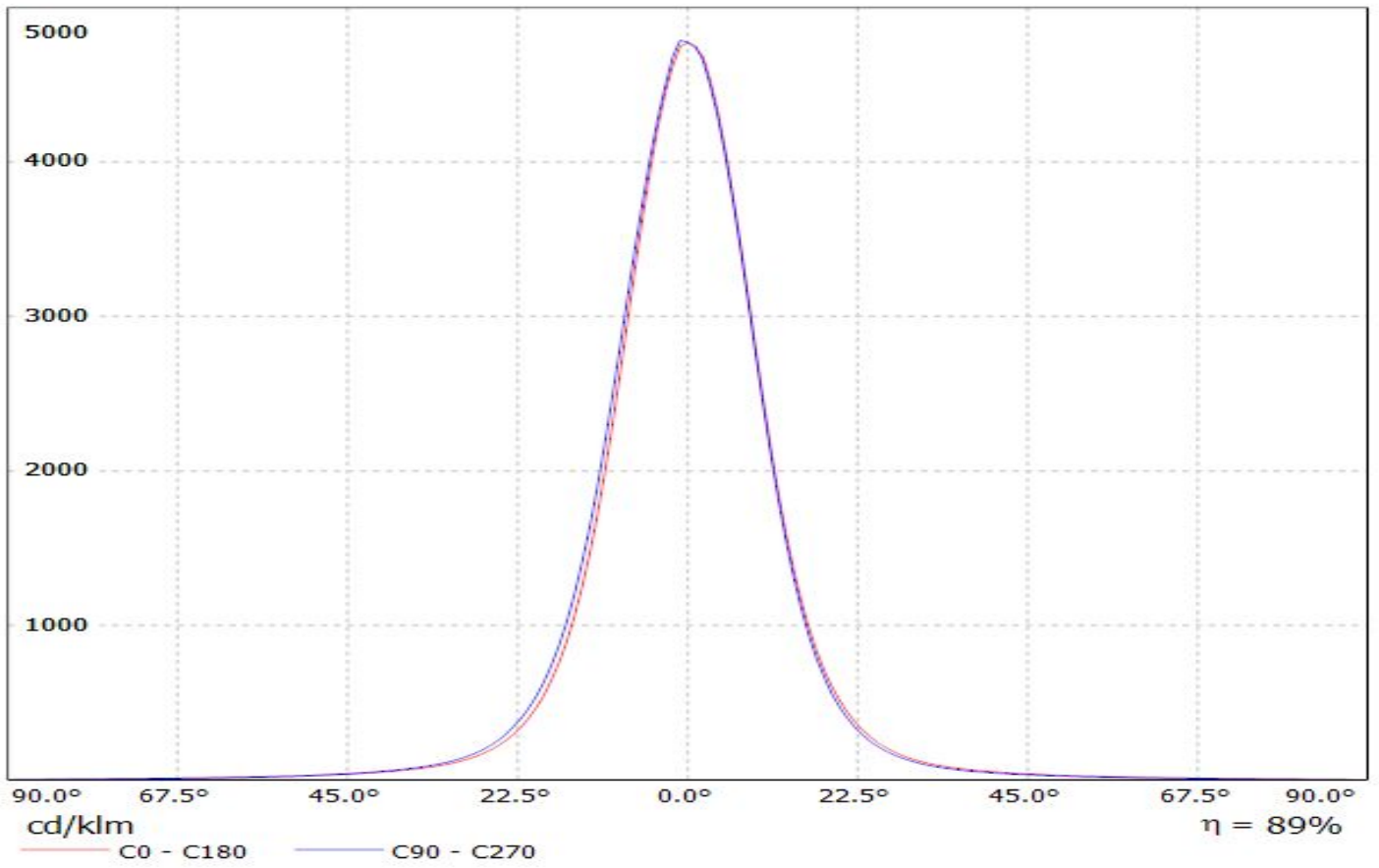
Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW) / LDC (Linear)

Luminaire: Ledil CN13741_GERI-RZ_(LUXEON_Z_RGBW)

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



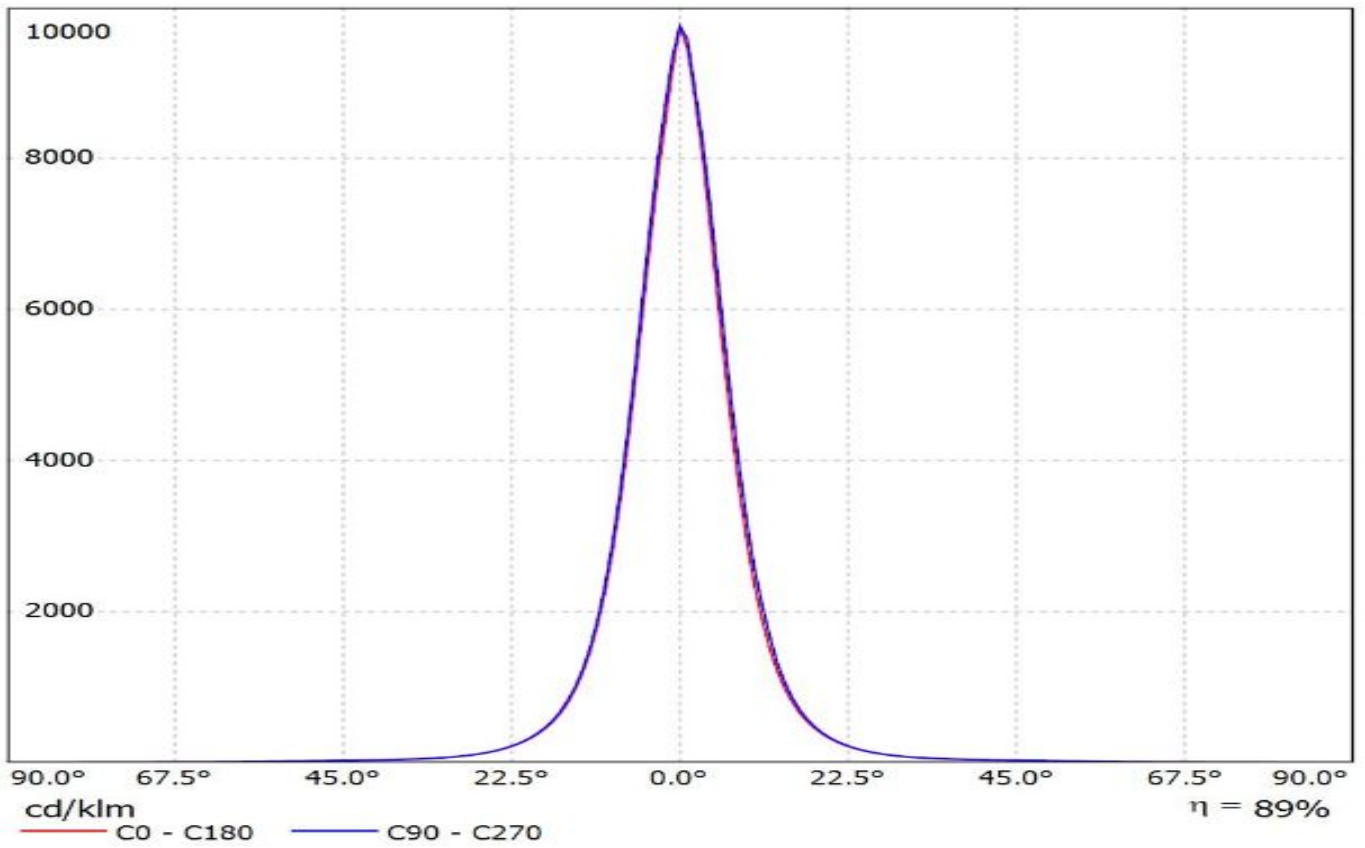
Luminaire: LEDiL Oy FCN13741_GERI-RZ_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



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

Luminaire: Ledil CN13741_GERI-RZ_(OSTAR-SMT_RGB)

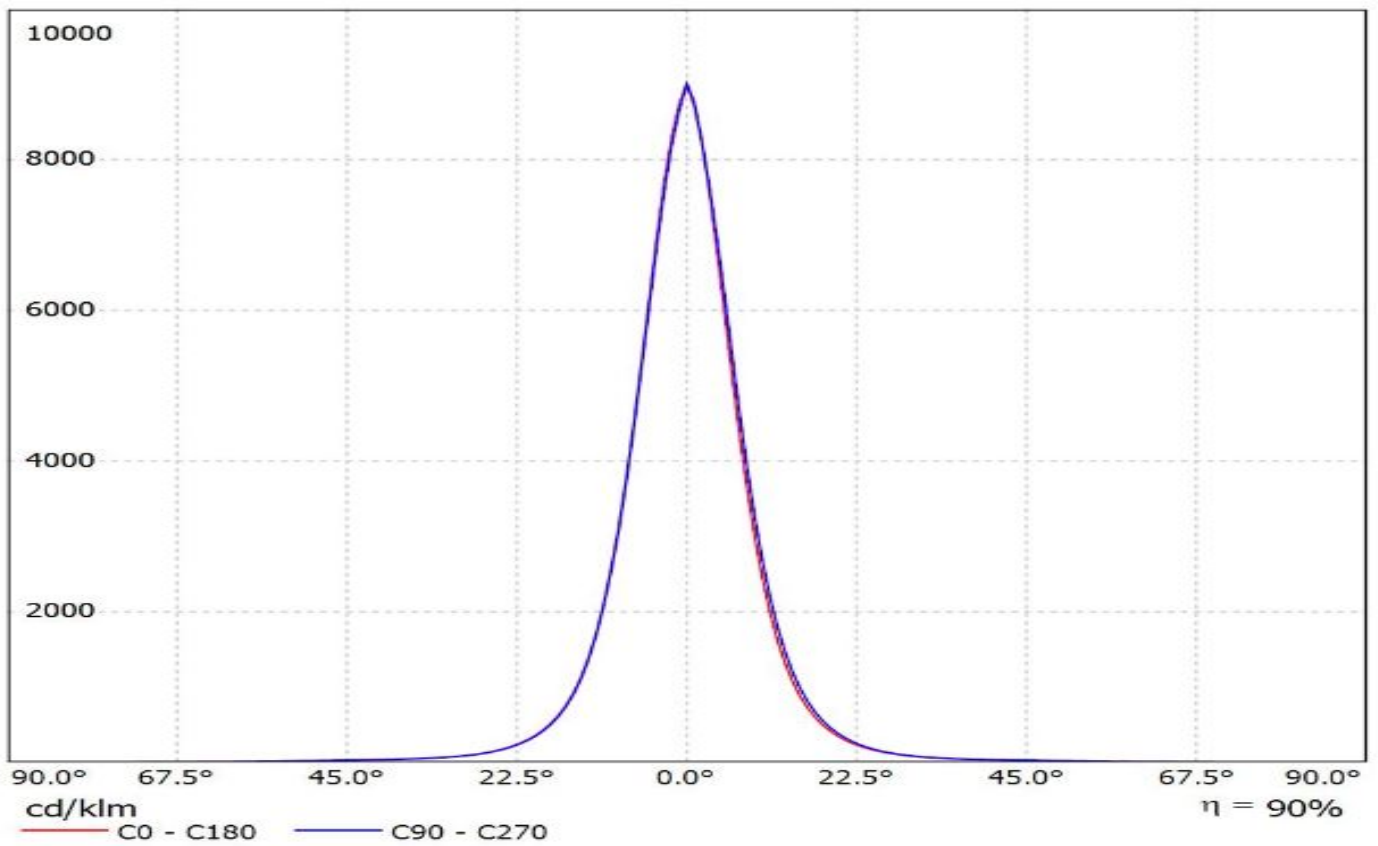
Lamps: 1 x OSRAM_OSTAR-SMT_RGB_168.879lm@250mA_P=3W_I=0.25A



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

Luminaire: Ledil CN13741_GERI-RZ_(F50360_RGB)

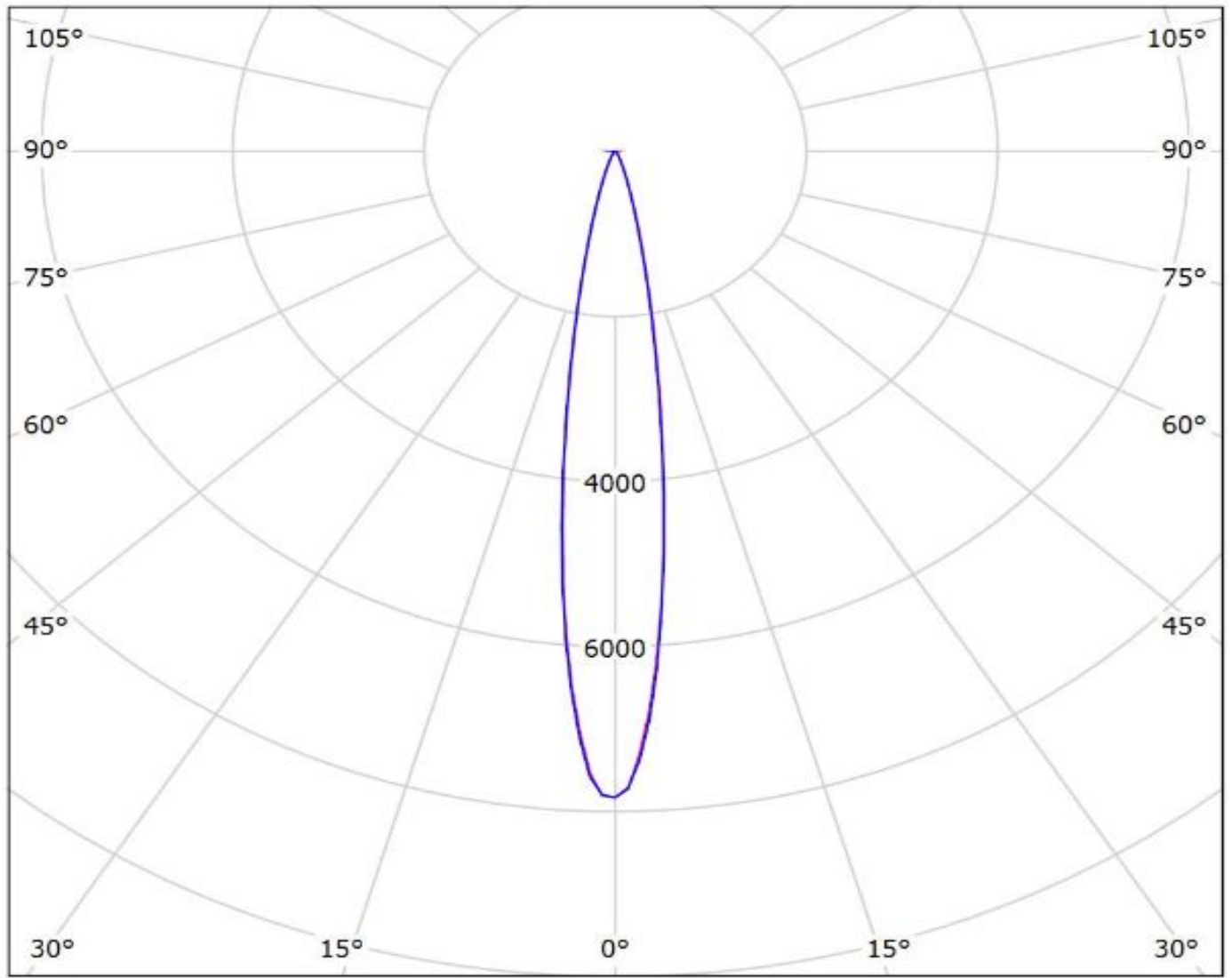
Lamps: 1 x SEOUL_F50360_RGB_(-01_QLSRBH)_57.1364lm@250mA_P=2.1W_I=0.25A



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

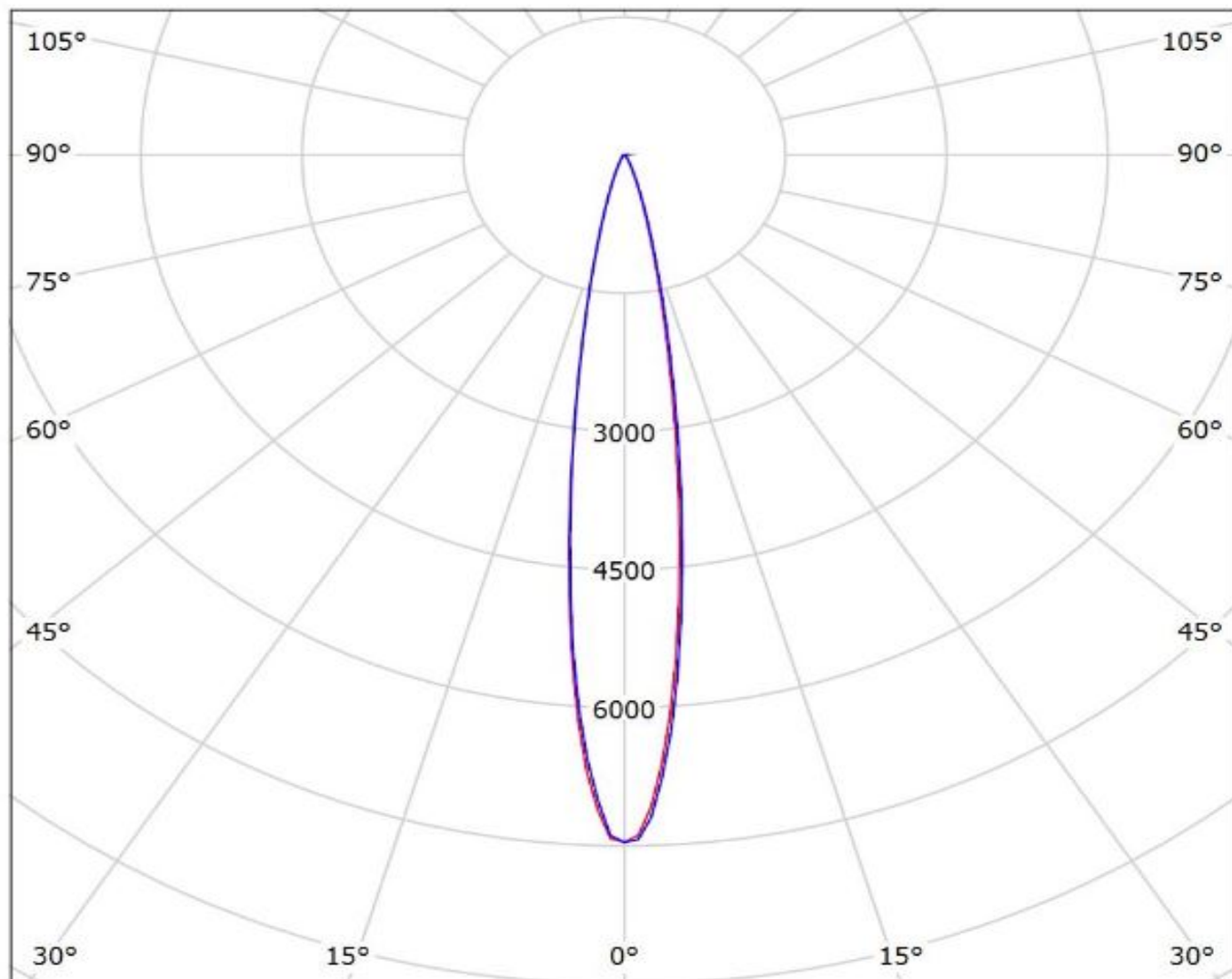
$\eta = 90\%$

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

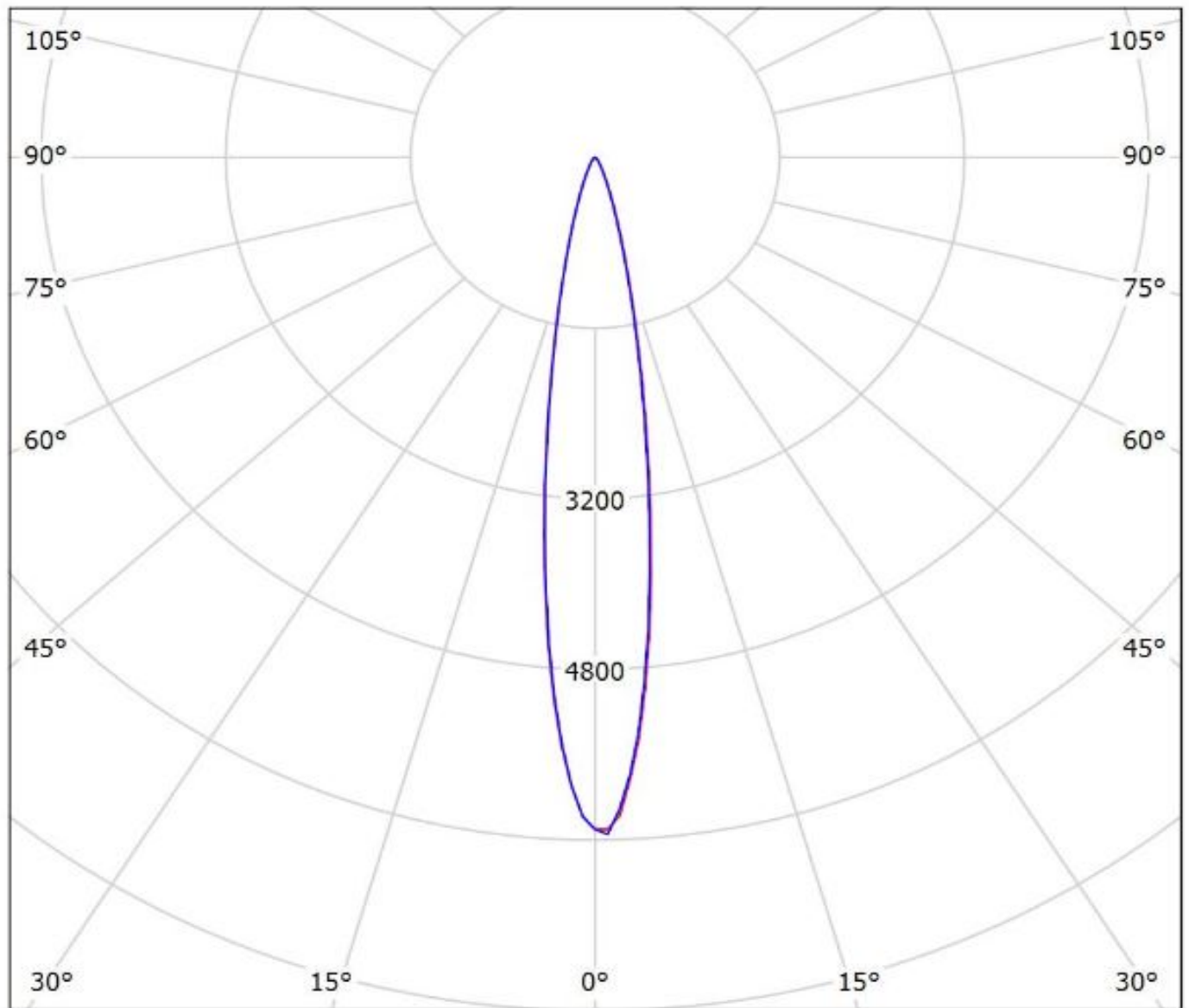
— C0 - C180

— C90 - C270

$\eta = 90\%$

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

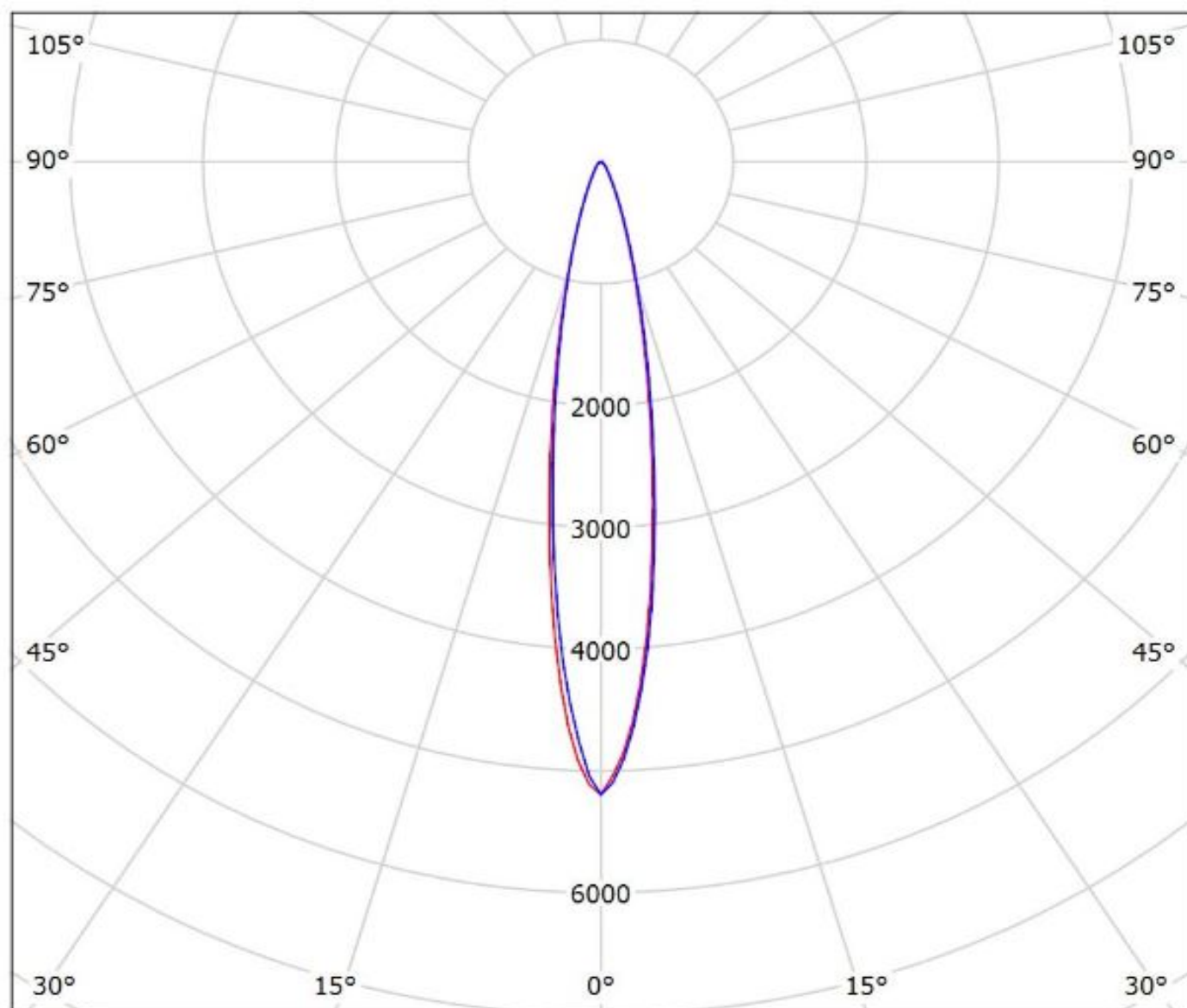
— C0 - C180

— C90 - C270

$\eta = 85\%$

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

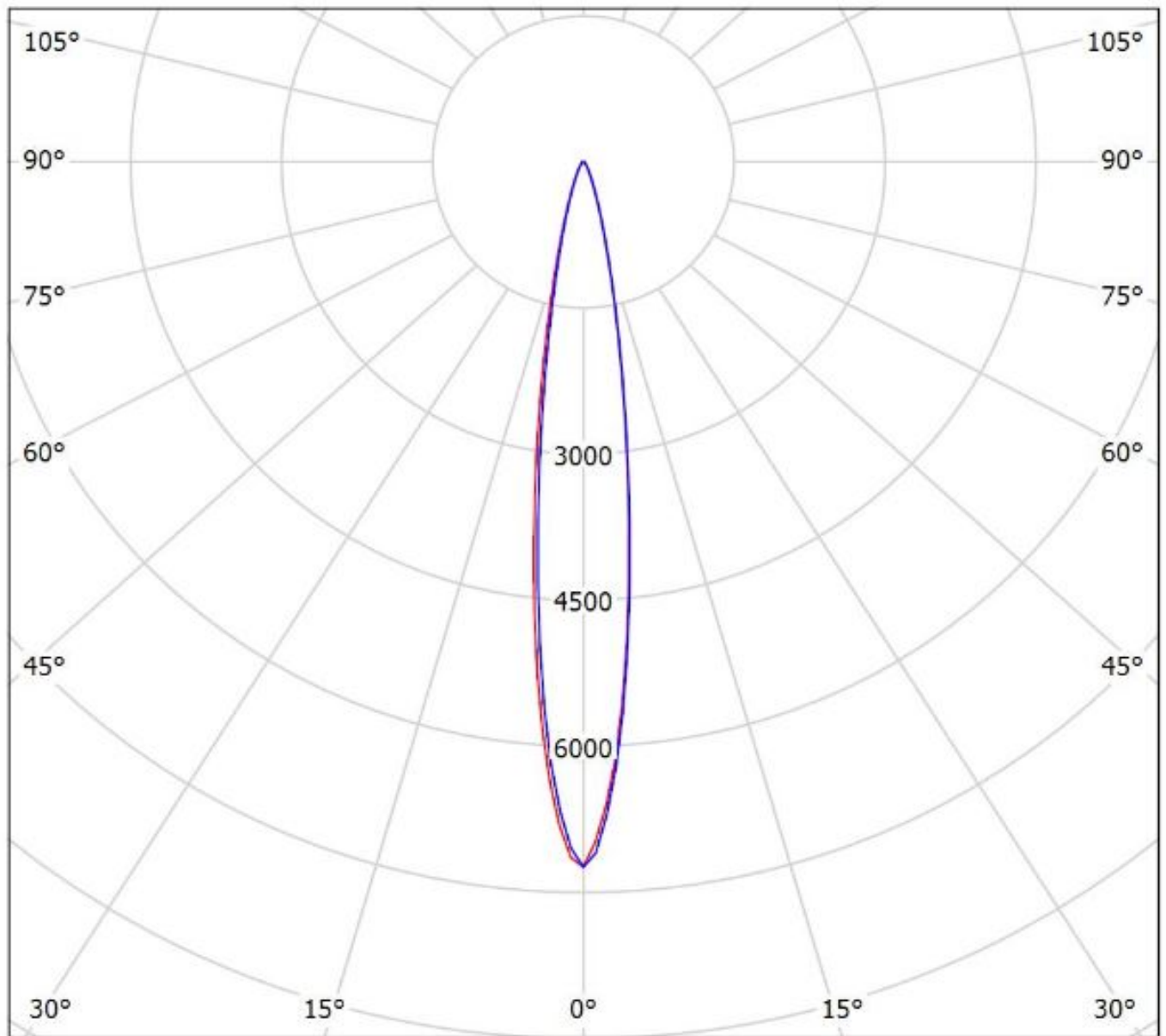
— C0 - C180

— 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

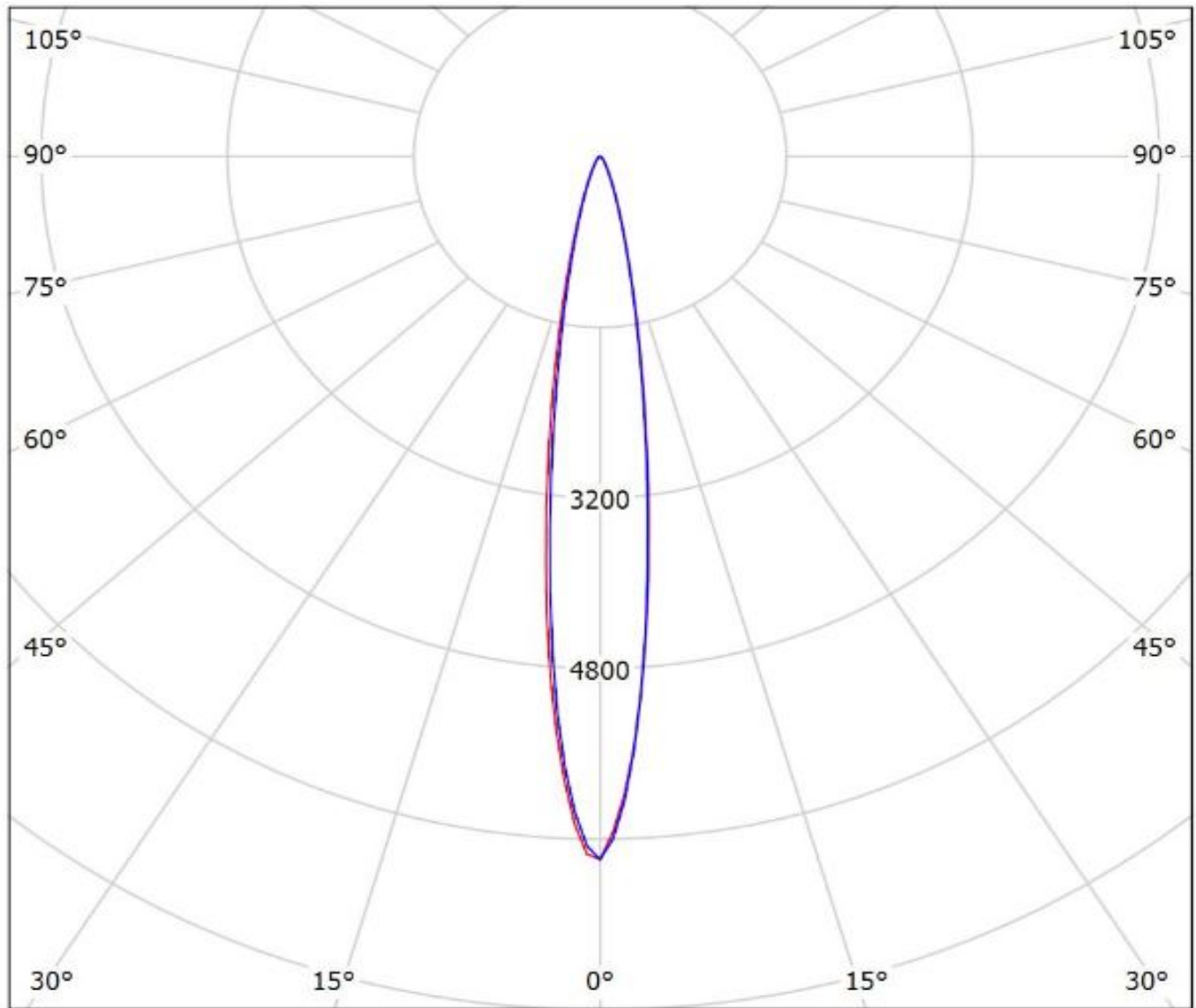
— C0 - C180

— 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

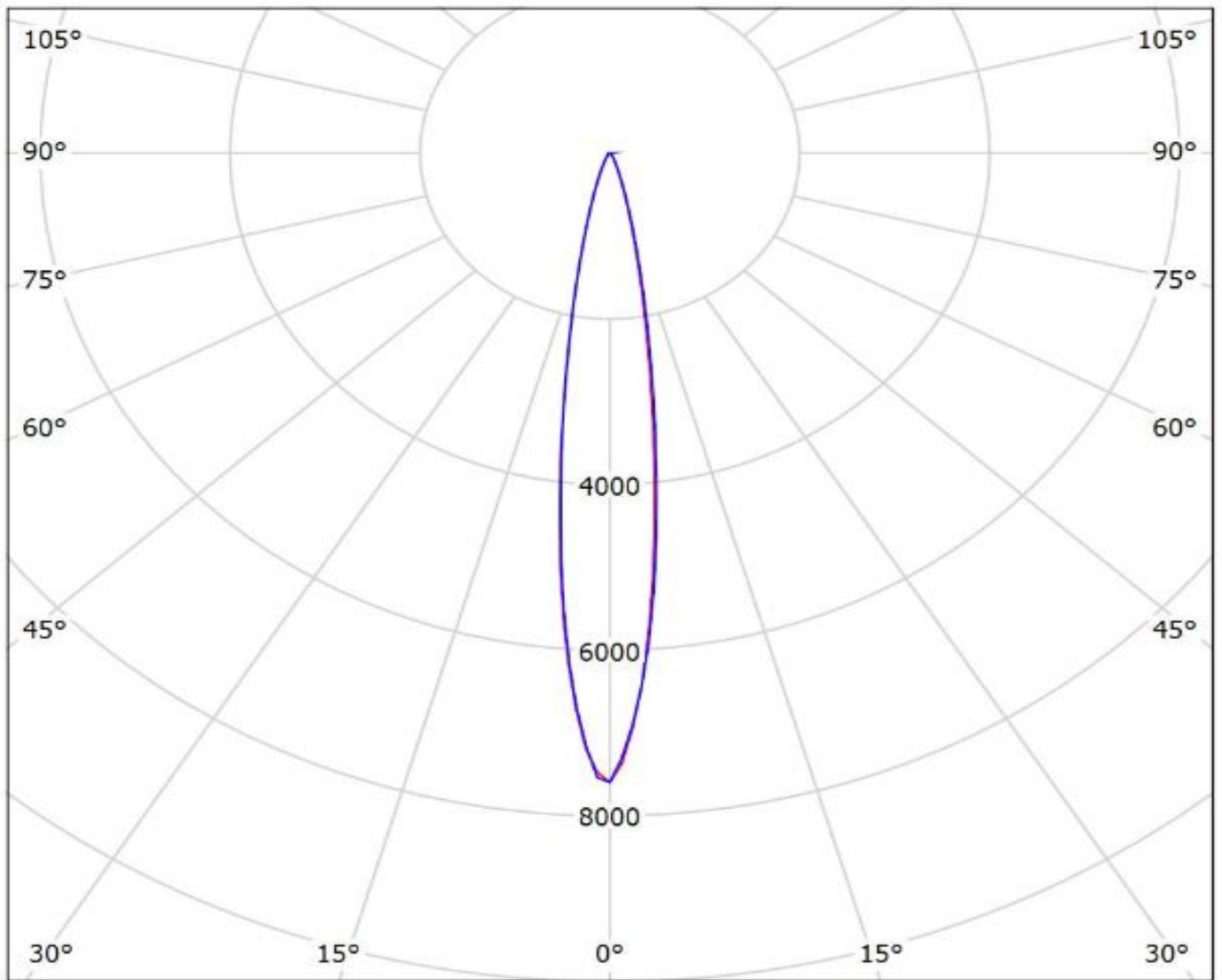
— C90 - C270

$\eta = 84\%$

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

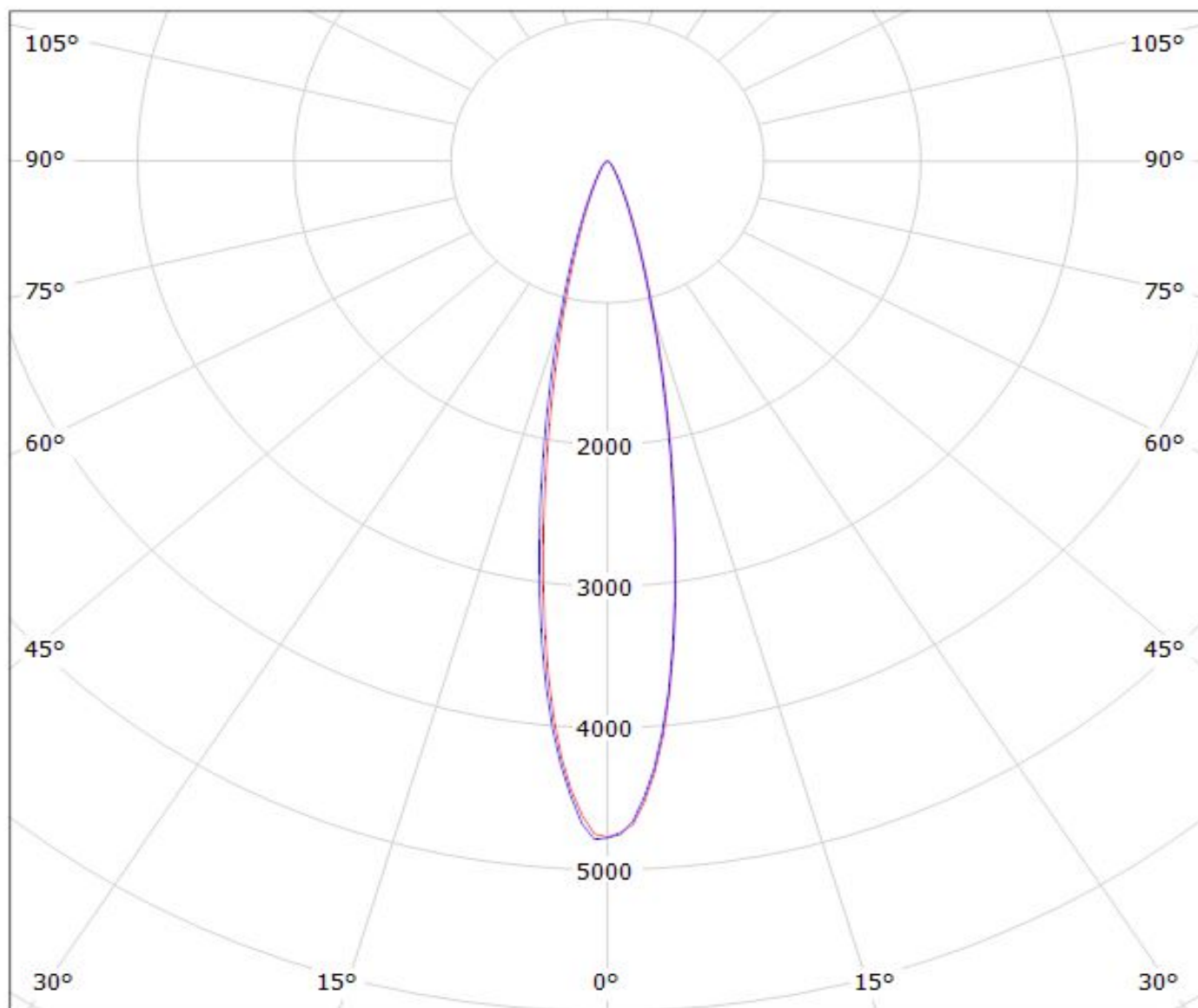


cd/klm

— 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



cd/klm

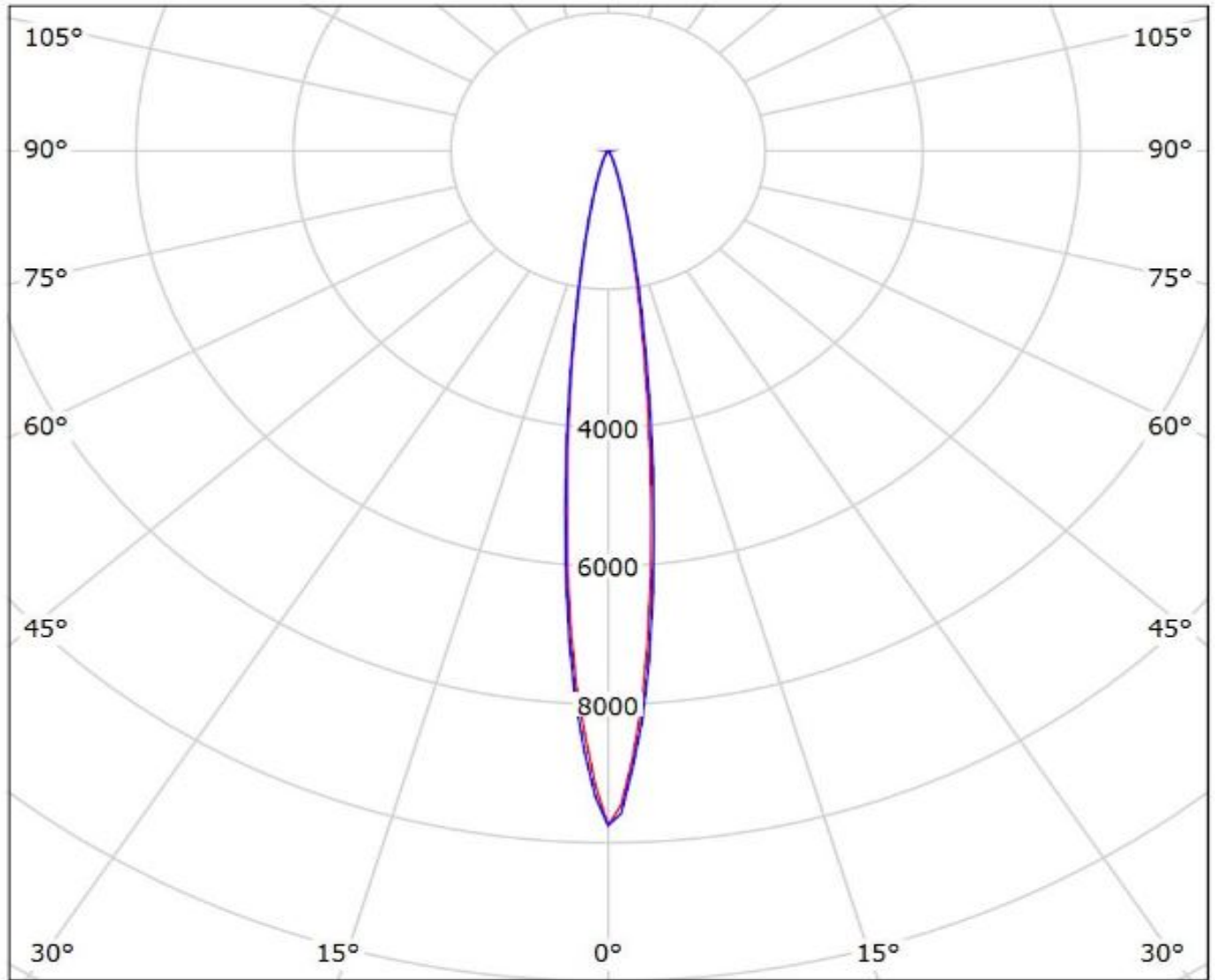
— C0 - C180 — C90 - C270

$\eta = 89\%$

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

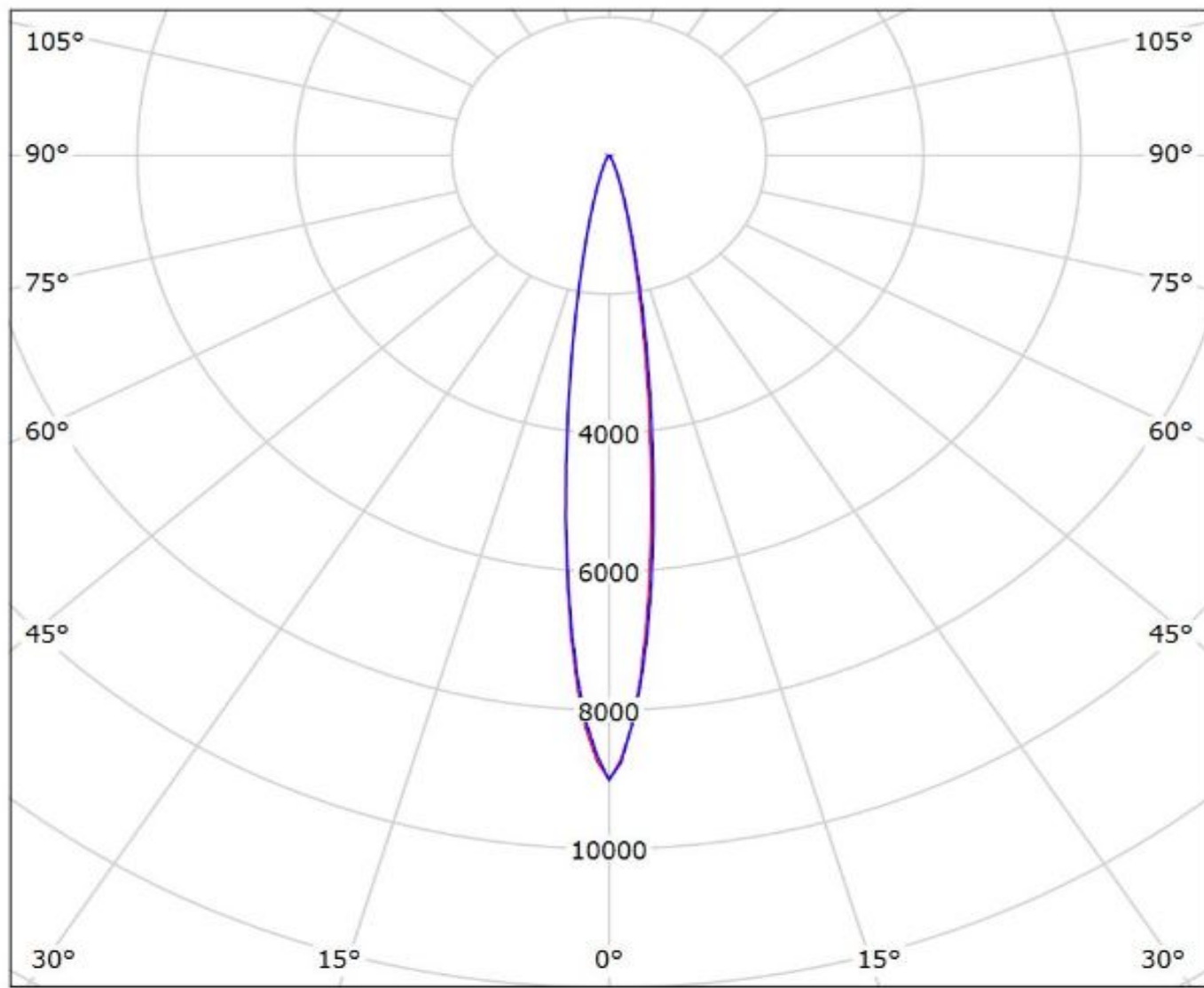
— C0 - C180 — C90 - C270

$\eta = 89\%$

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.