

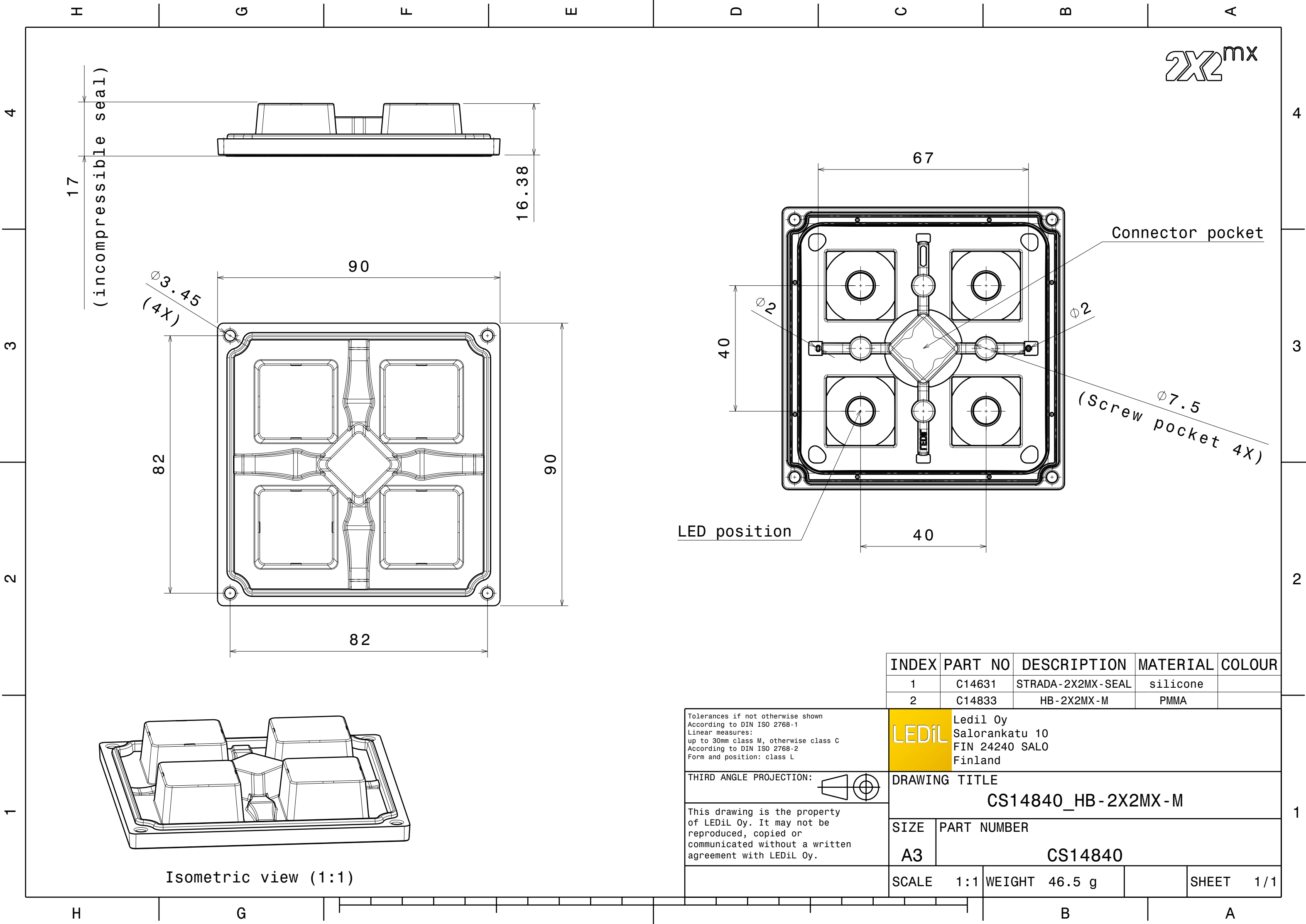
DETAILS

Product Number	CS14840_HB-2X2MX-M
Family	STRADA
Type	Assembly
Color	clear
Diameter	90x90 mm
Height	16,38 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	1/04/2016



OPTICAL PROPERTIES

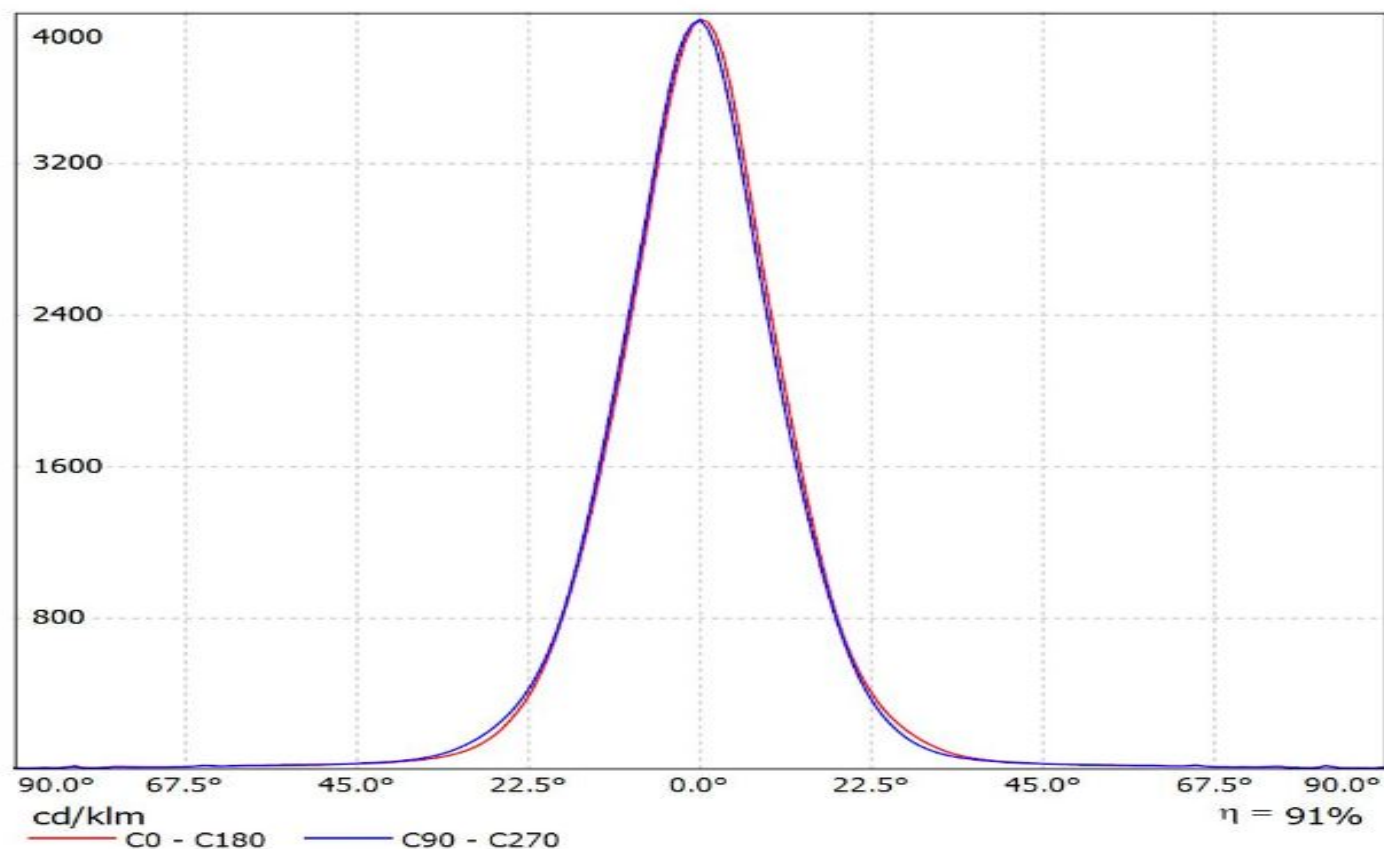
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Duris P10	sim: 24	Medium	sim: 94 %	sim: 3.490	-
LUXEON MZ	22 deg	Medium	91 %	4.000	-
NV4x144A	23 deg	Medium	93 %	3.300	-
LUXEON M	24 deg	Medium	93 %	3.100	-
LUXEON XR-M square 2x2	24 deg	Medium	93 %	3.100	-
XHP70	30 deg	Medium	91 %	2.100	-



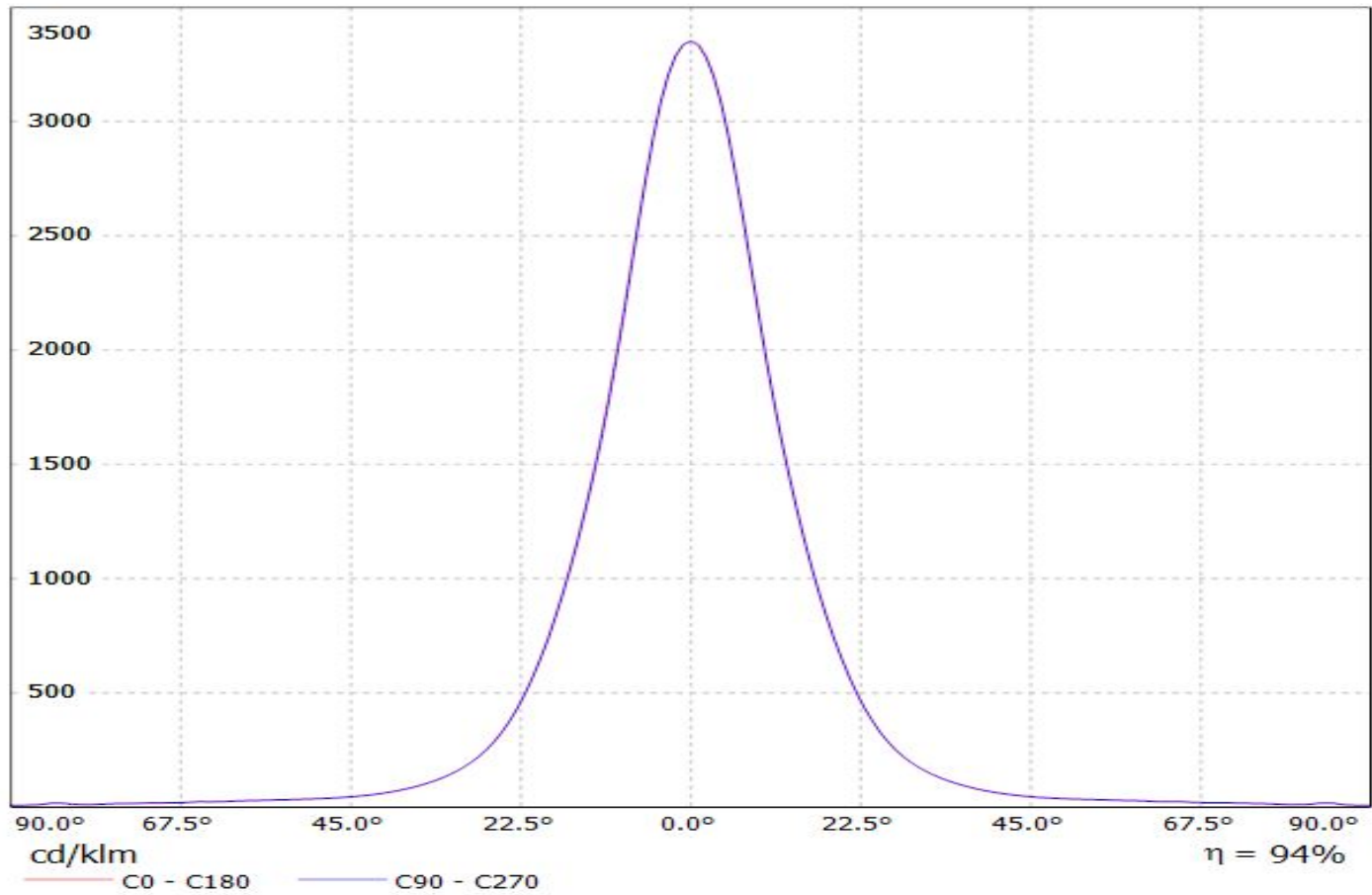
Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ) / LDC (Linear)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A



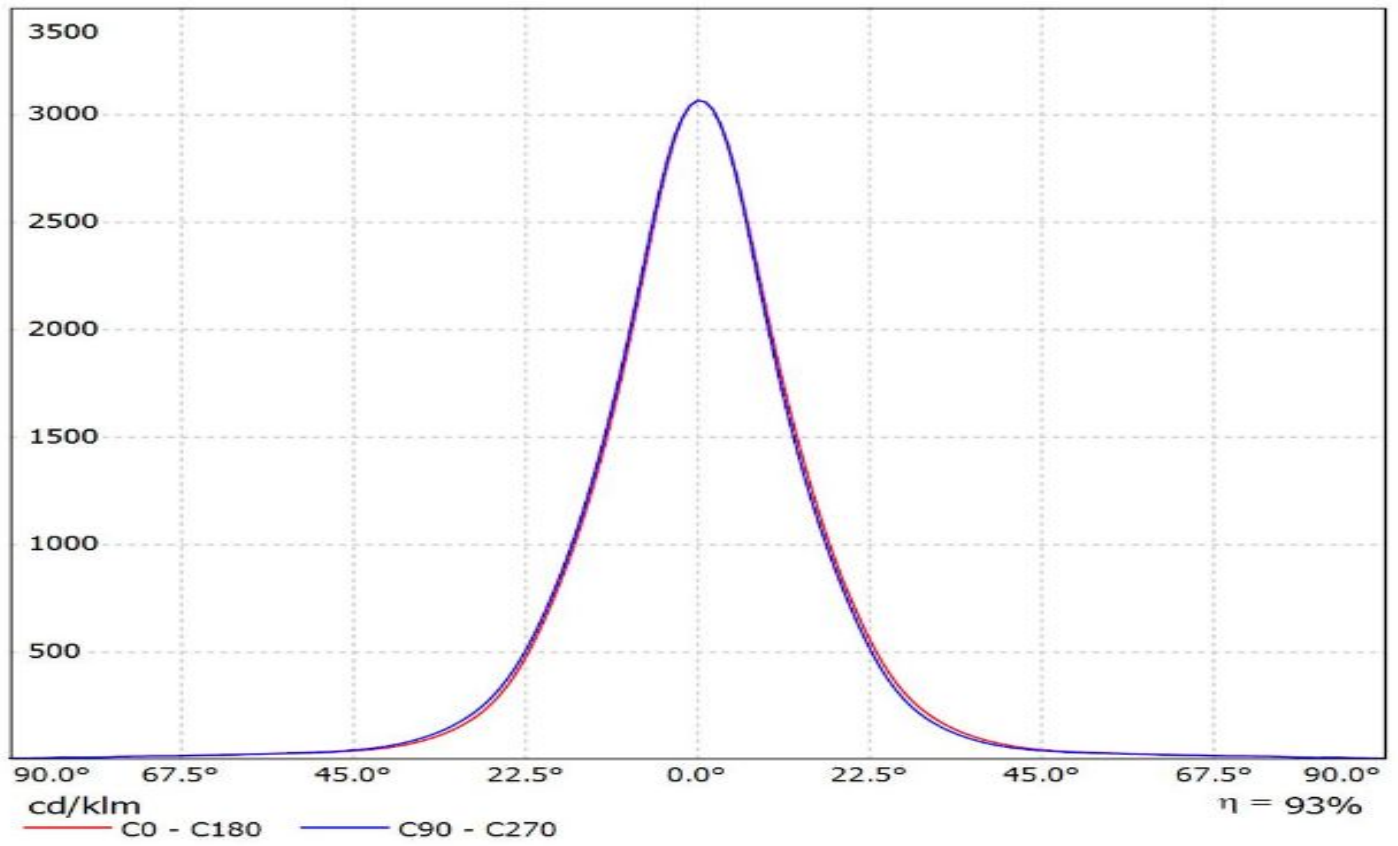
Luminaire: LEDiL Oy CS14840_HB-2X2MX-M_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A



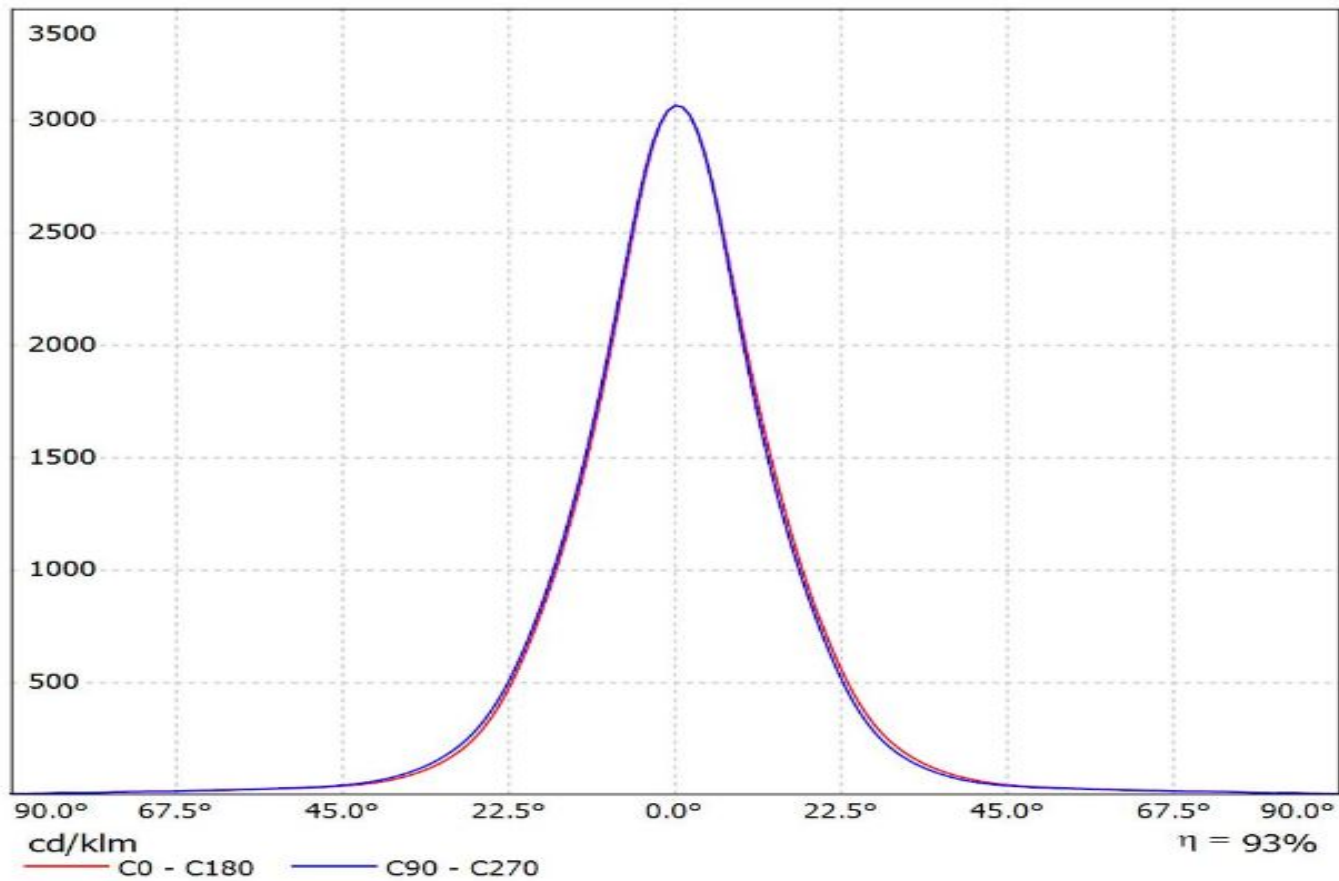
Ledil CS14840_HB-2x2MX-M_(Luxeon_M) / LDC (Linear)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_M)

Lamps: 1 x Luxeon_M_2x2MX_(Lumileds)_1799.33lm@250mA_P=10.874W_I=0.25A



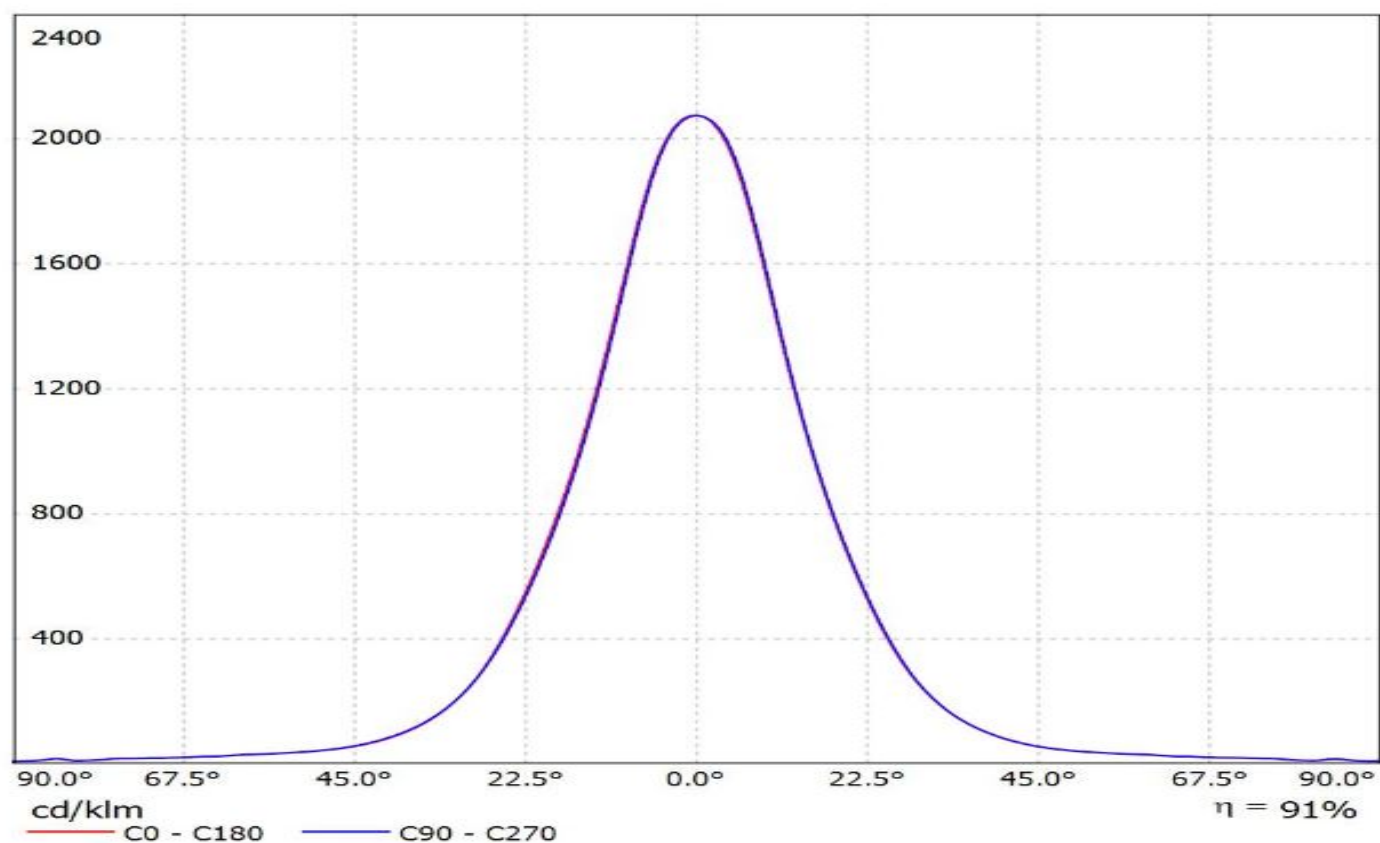
Luminaire: Ledil CS14840_HB-2x2MX-M_(XR-M_2x2)
Lamps: 1 x Lumileds_XR-M_2x2_1799.33lm@250mA_P=10.874W_I=0.25A



Ledil CS14840_HB-2x2MX-M_(XHP70) / LDC (Linear)

Luminaire: Ledil CS14840_HB-2x2MX-M_(XHP70)

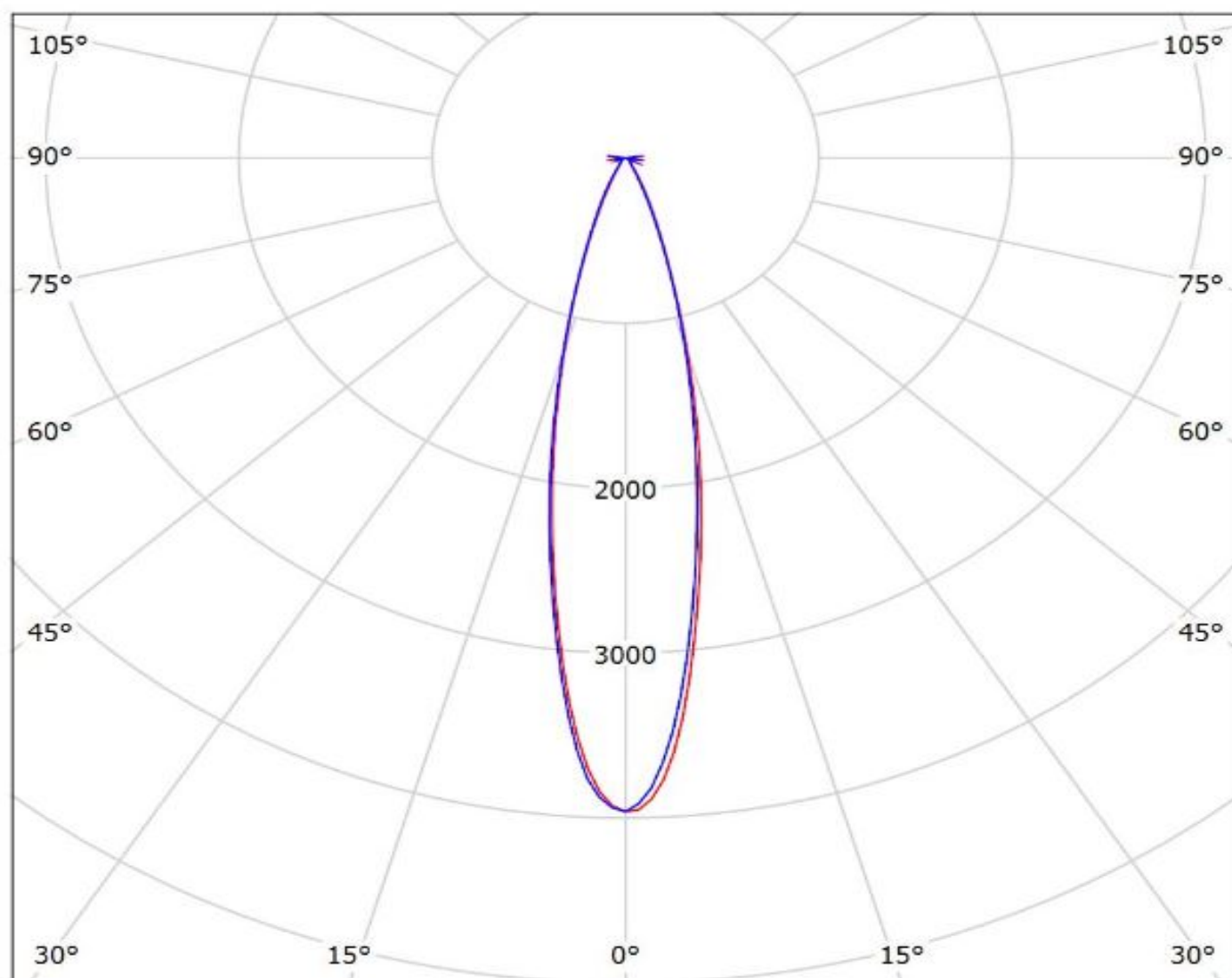
Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A



Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A



cd/klm

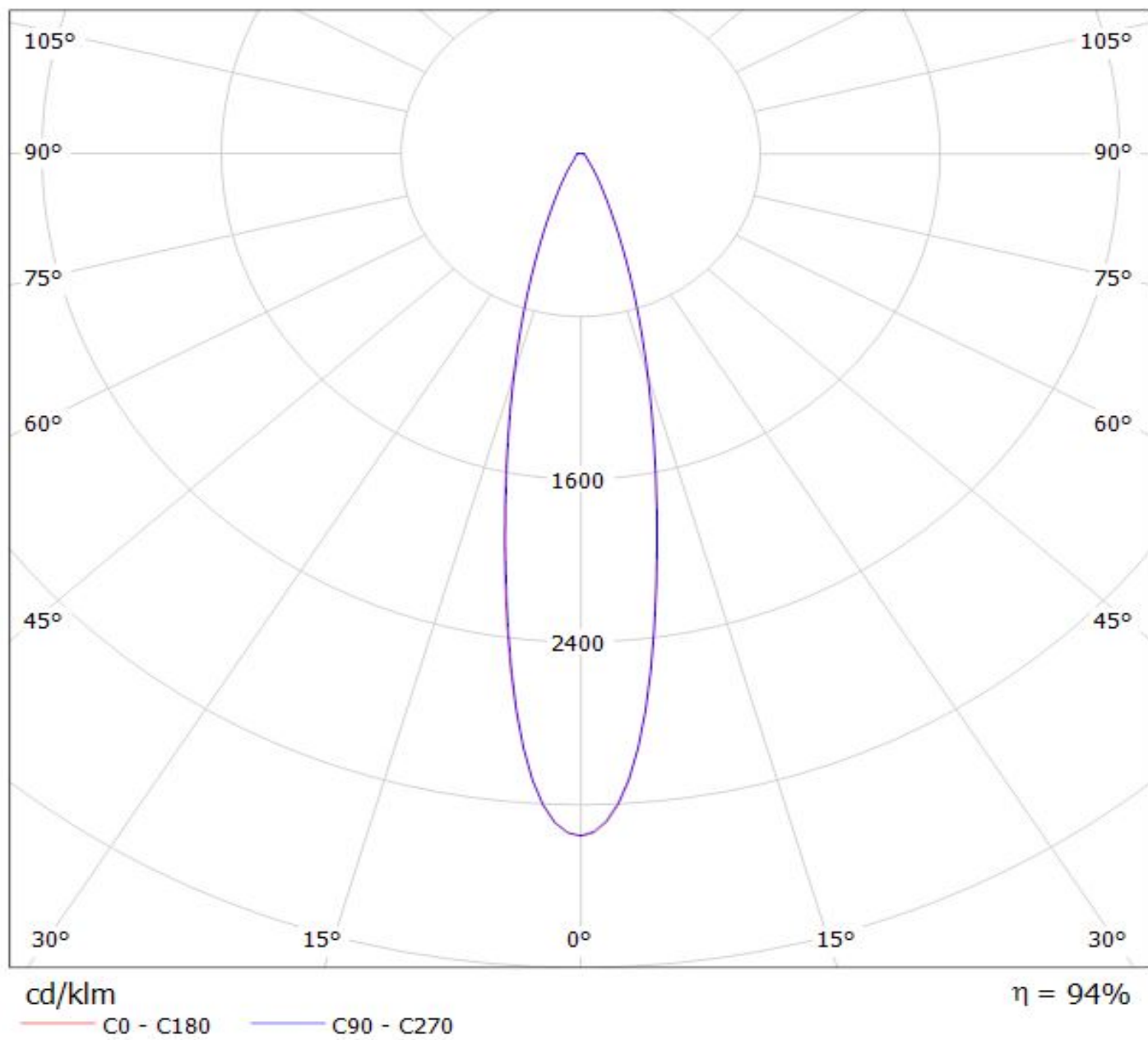
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14840 HB-2X2MX-M (NV4x144A)

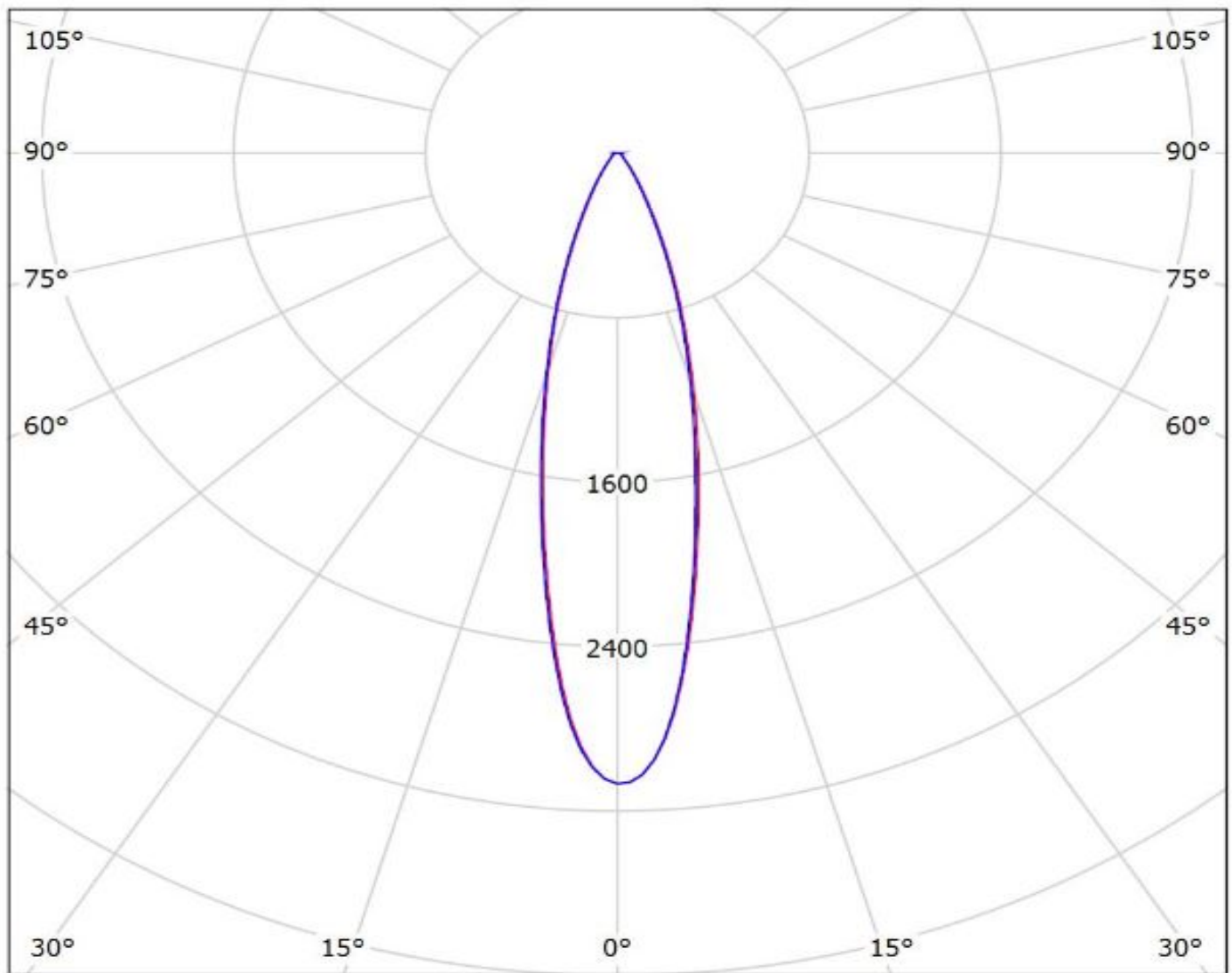
Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A



Ledil CS14840_HB-2x2MX-M_(Luxeon_M) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_M)

Lamps: 1 x Luxeon_M_2x2MX_(Lumileds)_1799.33lm@250mA_P=10.874W_I=0.25A



cd/klm

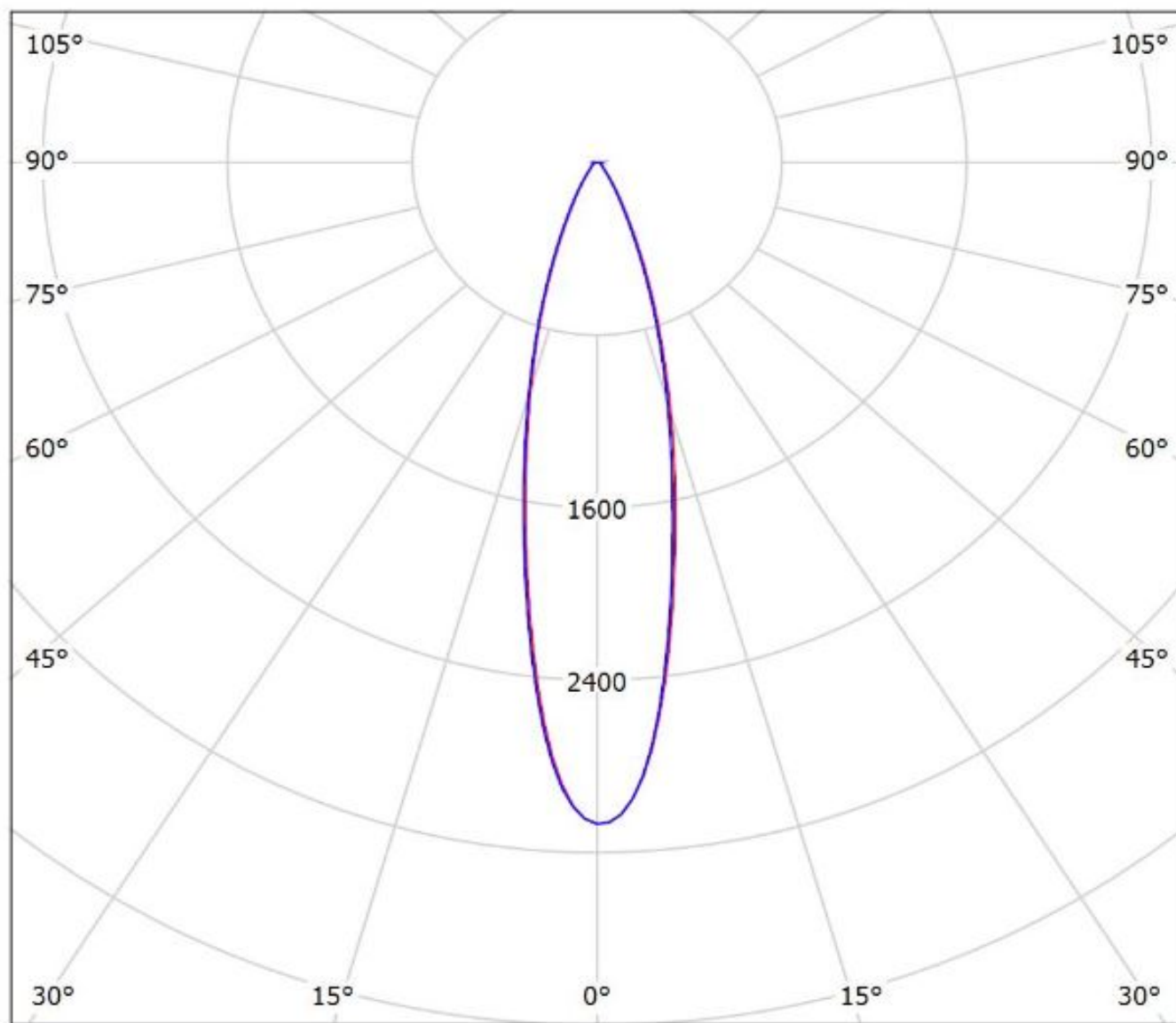
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil CS14840_HB-2x2MX-M_(XR-M_2x2)

Lamps: 1 x Lumileds_XR-M_2x2_1799.33lm@250mA_P=10.874W_I=0.25A



cd/klm

— C0 - C180

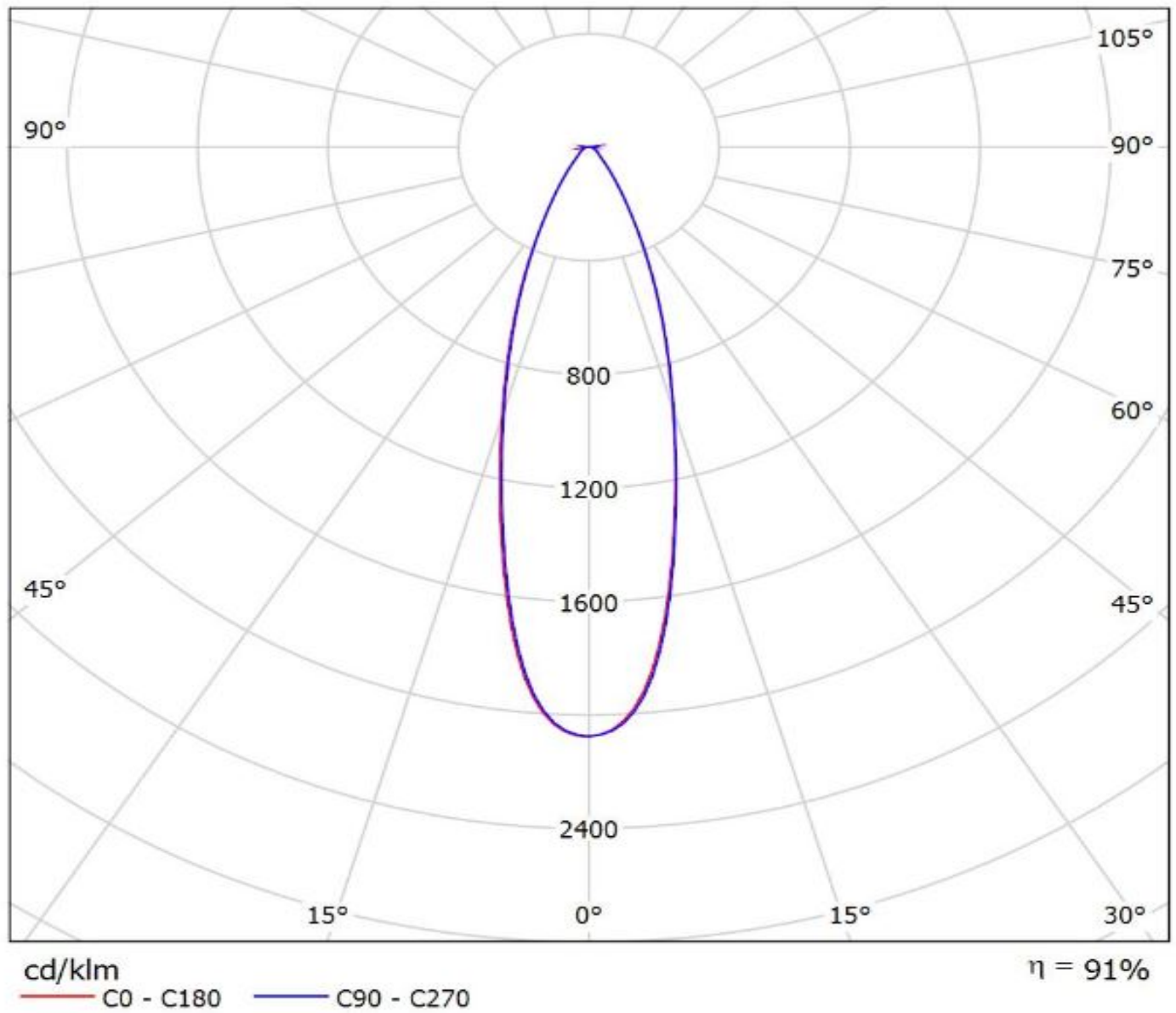
— C90 - C270

$\eta = 93\%$

Ledil CS14840_HB-2x2MX-M_(XHP70) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(XHP70)

Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A



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.