

DETAILS

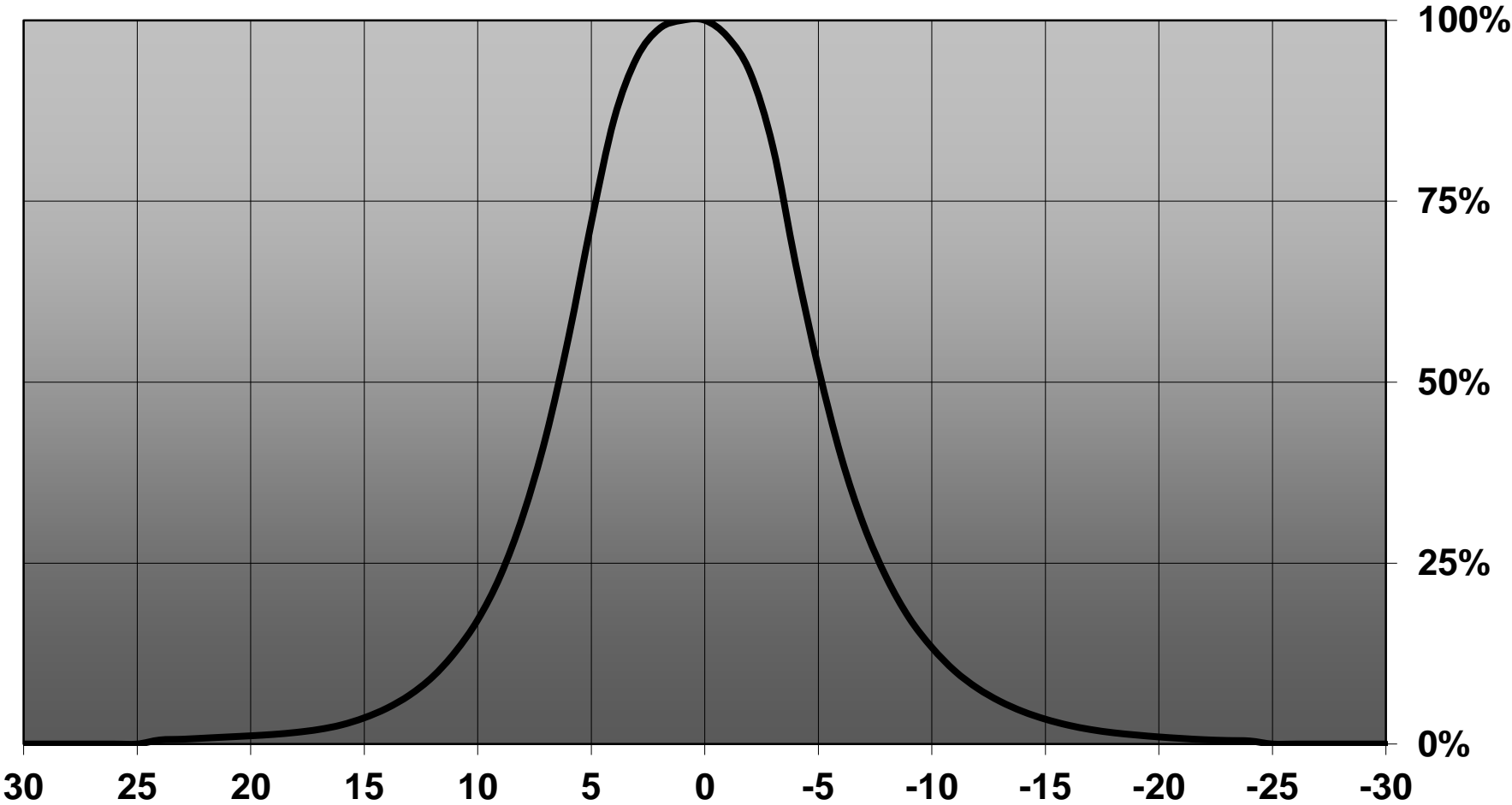
Product Number	CA13628_G2-LAURA-RS-P
Family	Laura
Type	Assembly
Color	white
Diameter	21.6 x 21.6 mm
Height	13,1 mm
Style	square
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	20/03/2015

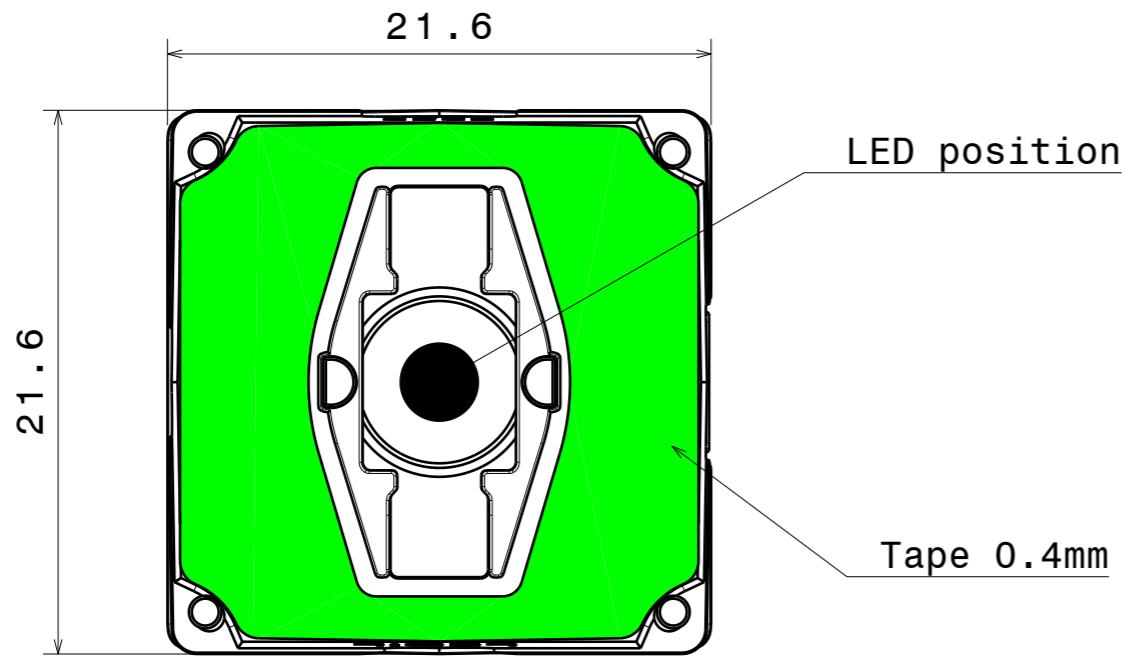
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
LH351Z	sim: 10	Real spot	sim: 93 %	sim: 25.000-	
XP-E	8 deg	Real spot	93 %	33.200	-
XP-E2	8 deg	Real spot	91 %	41.400	-
NCSxx19A	10 deg	Real spot	90 %	25.300	-
XB-H	11 deg	Real spot	91 %	20.500	-
LUXEON TX	11 deg	Real spot	90 %	20.000	-
NVSxx19B/NVSxx19C	12 deg	Real spot	90 %	16.300	-
NVSxx19A	12 deg	Real spot	90 %	17.800	-
XP-L	16 deg	Real spot	90 %	10.320	-

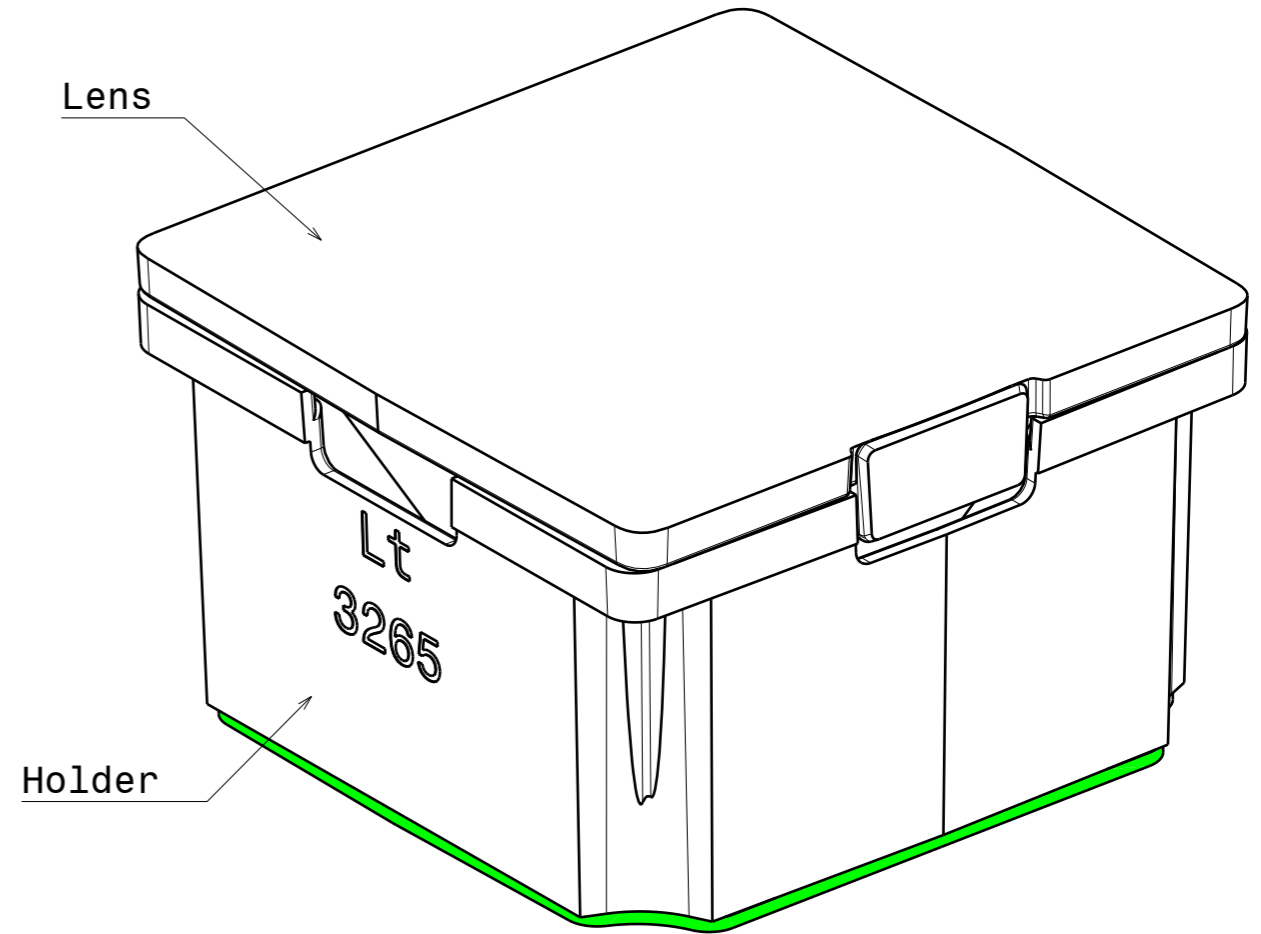


Relative intensity of CA13628_G2-LAURA-RS-P_(NVSxx19B)

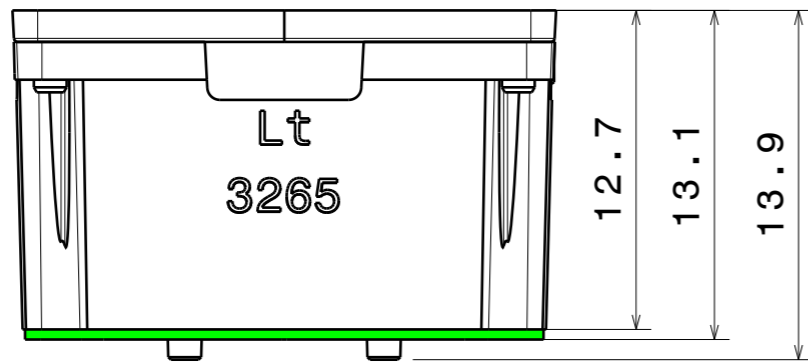




Bottom view



Isometric view
Scale: 5:1



Front view

INDEX	PART NO	MATERIAL	COLOUR
1	Tape	PU 2-sided adhesive foam tape	
2	Holder	PC	white
3	Lens	PMMA	

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA13628_G2-LAURA-RS-P

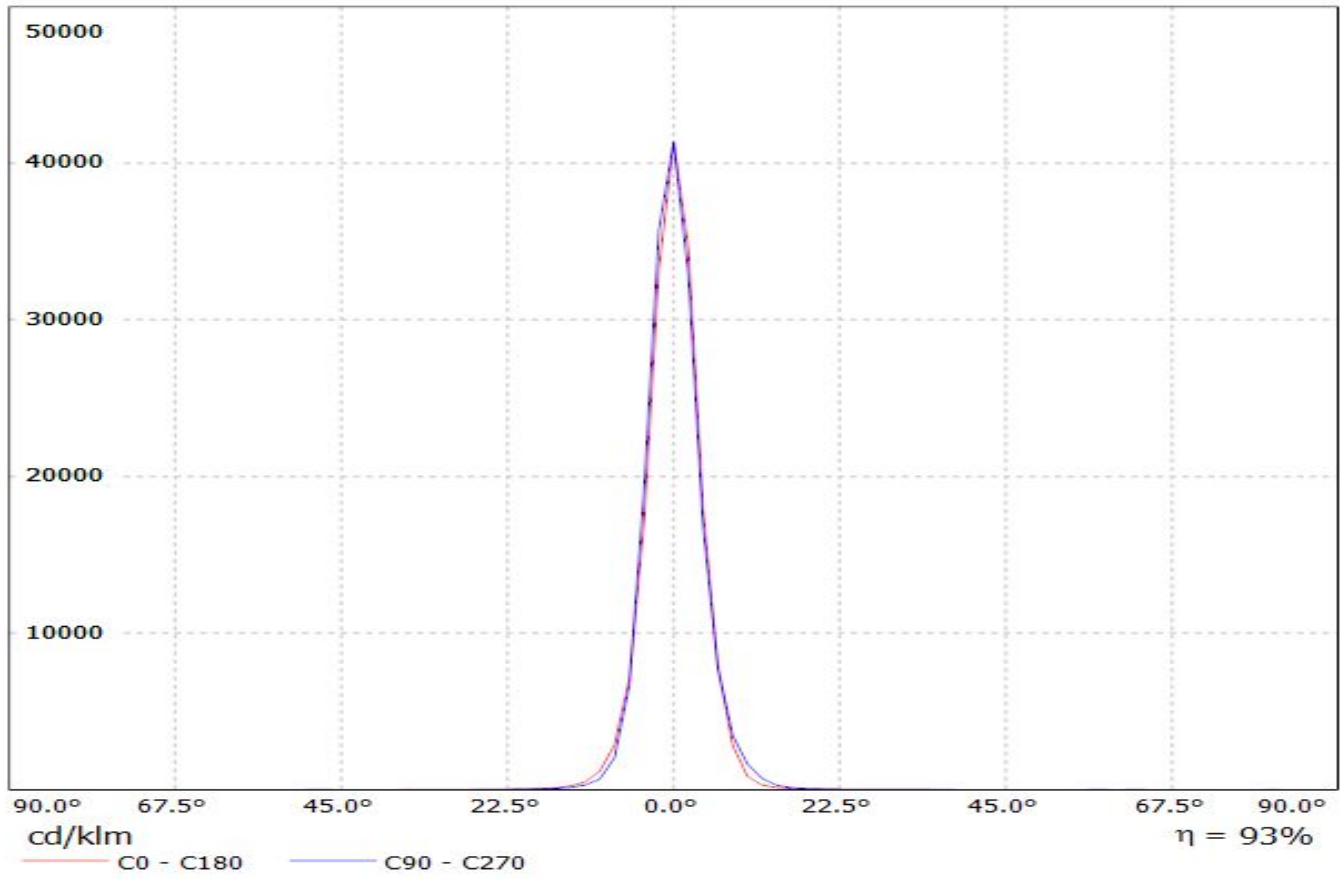
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SIZE PART NUMBER
A3 CA13628

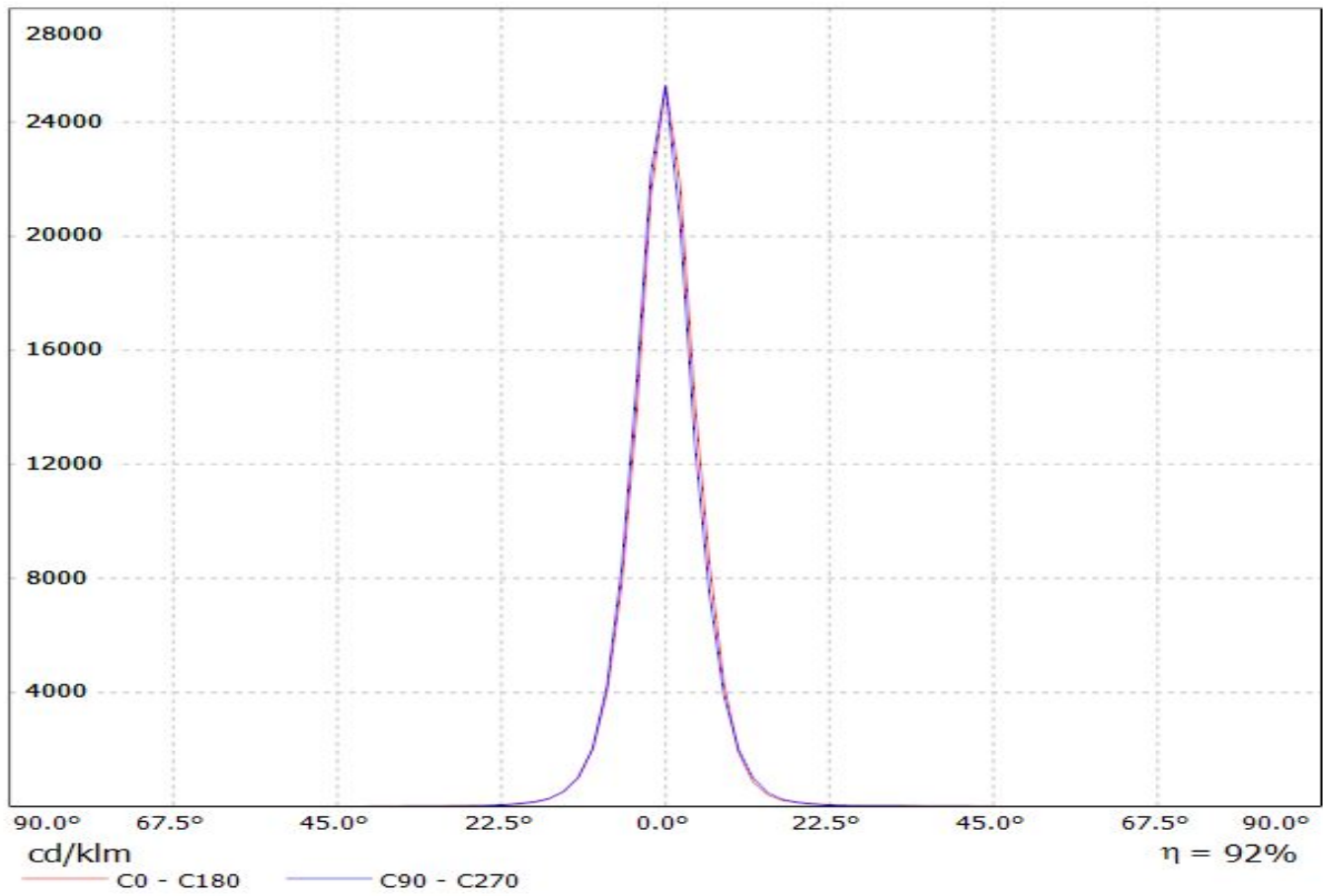
SCALE 10:3 WEIGHT - SHEET 1/1

Luminaire: LEDil Oy CA13628_G2-LAURA-RS-P_(XP-E2)

Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79lm @ 250mA CCT= P=0.75W I=250mA

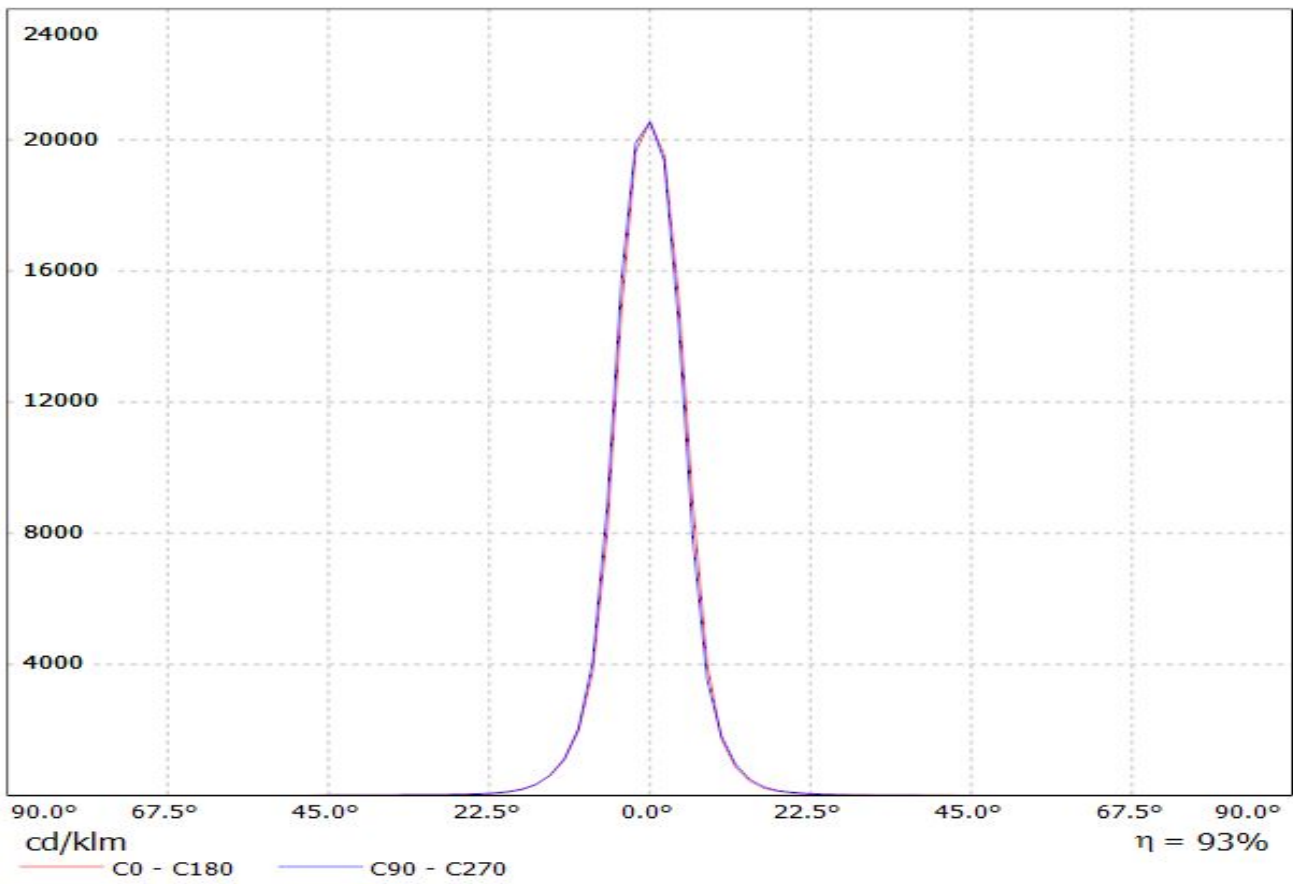


Luminaire: LEDiL CA13628_G2-LAURA-RS-P_(NCS19)
Lamps: 1 x Nichia NCSxx19A 67lm @ 250mA CCT= P=0.77W I=250mA

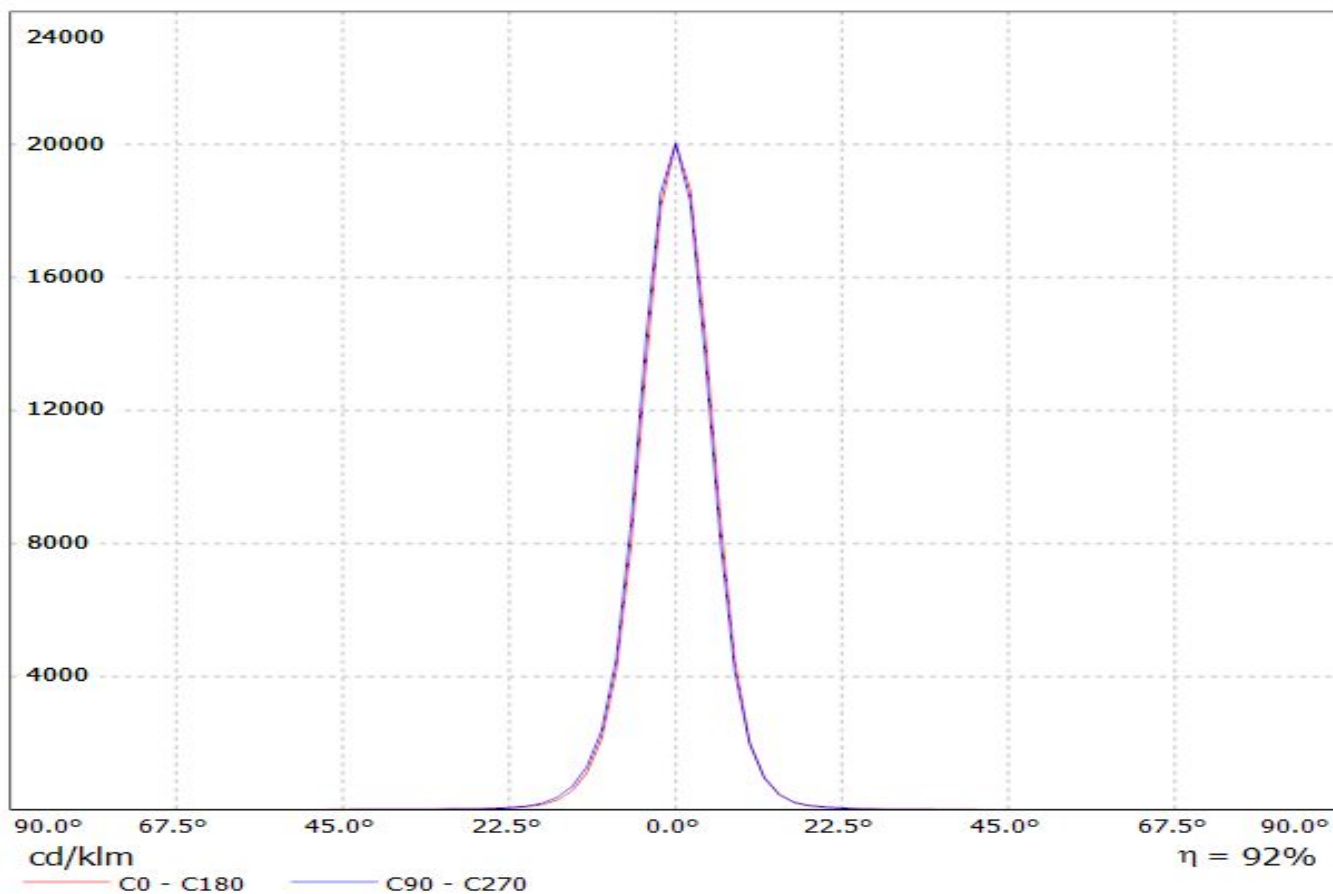


Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(XB-H)

Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

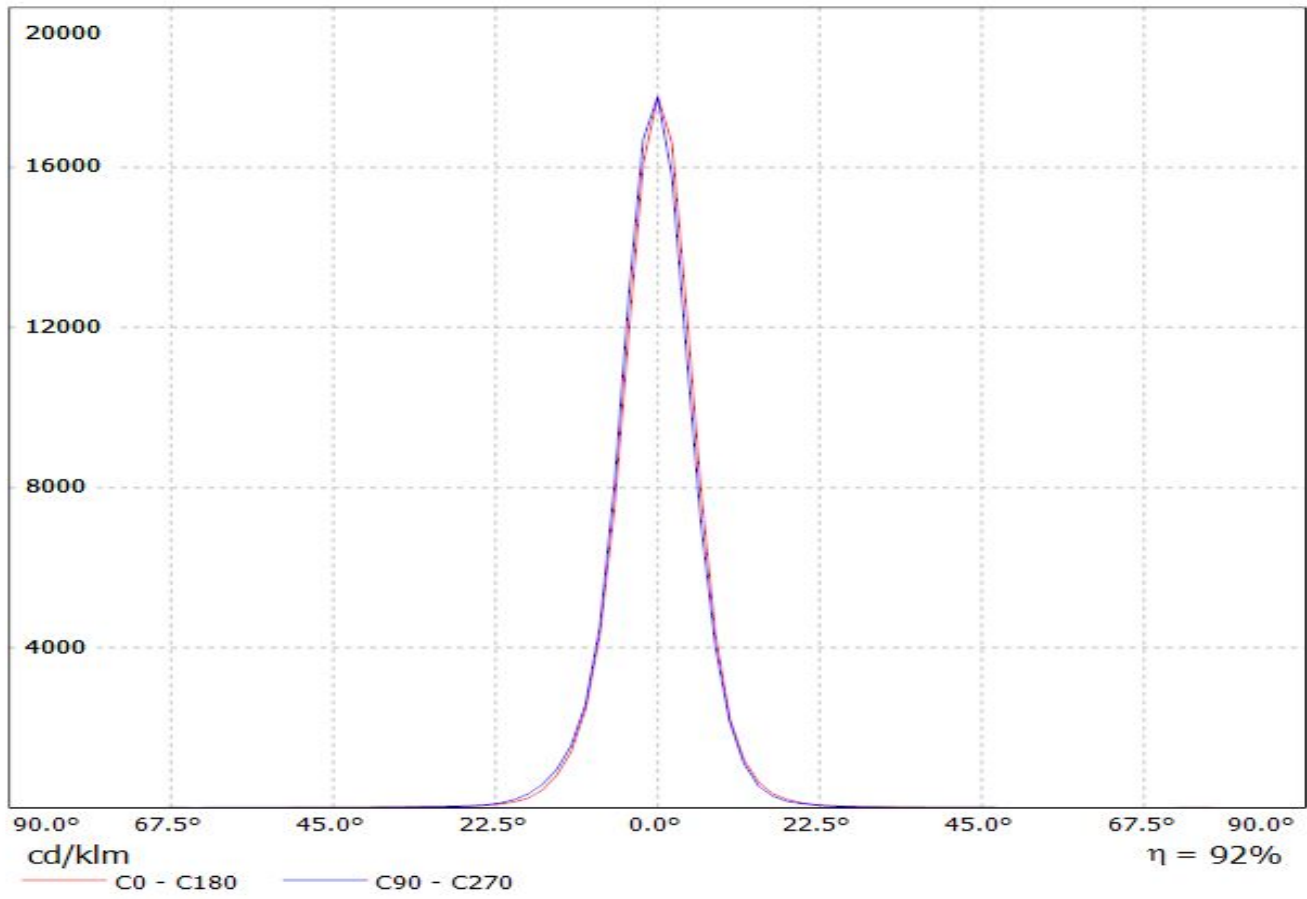


Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX (L1T2-3585) 108lm @ 250mA CCT=3521K P=0.73W I=250mA

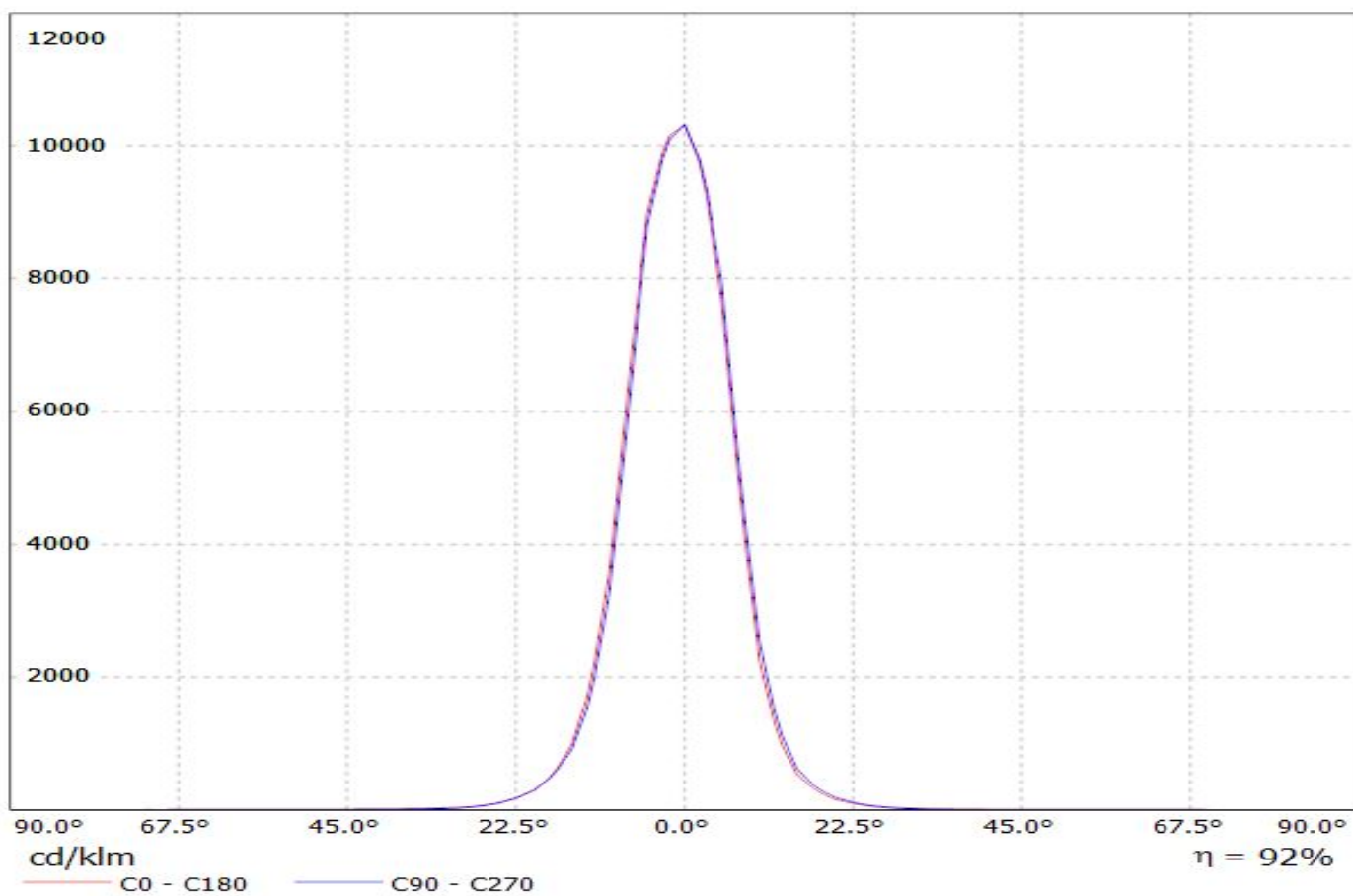


Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(NVS19)

Lamps: 1 x Nichia NVSxx19A 93lm @ 250mA CCT=5010K P=0.75W I=250mA

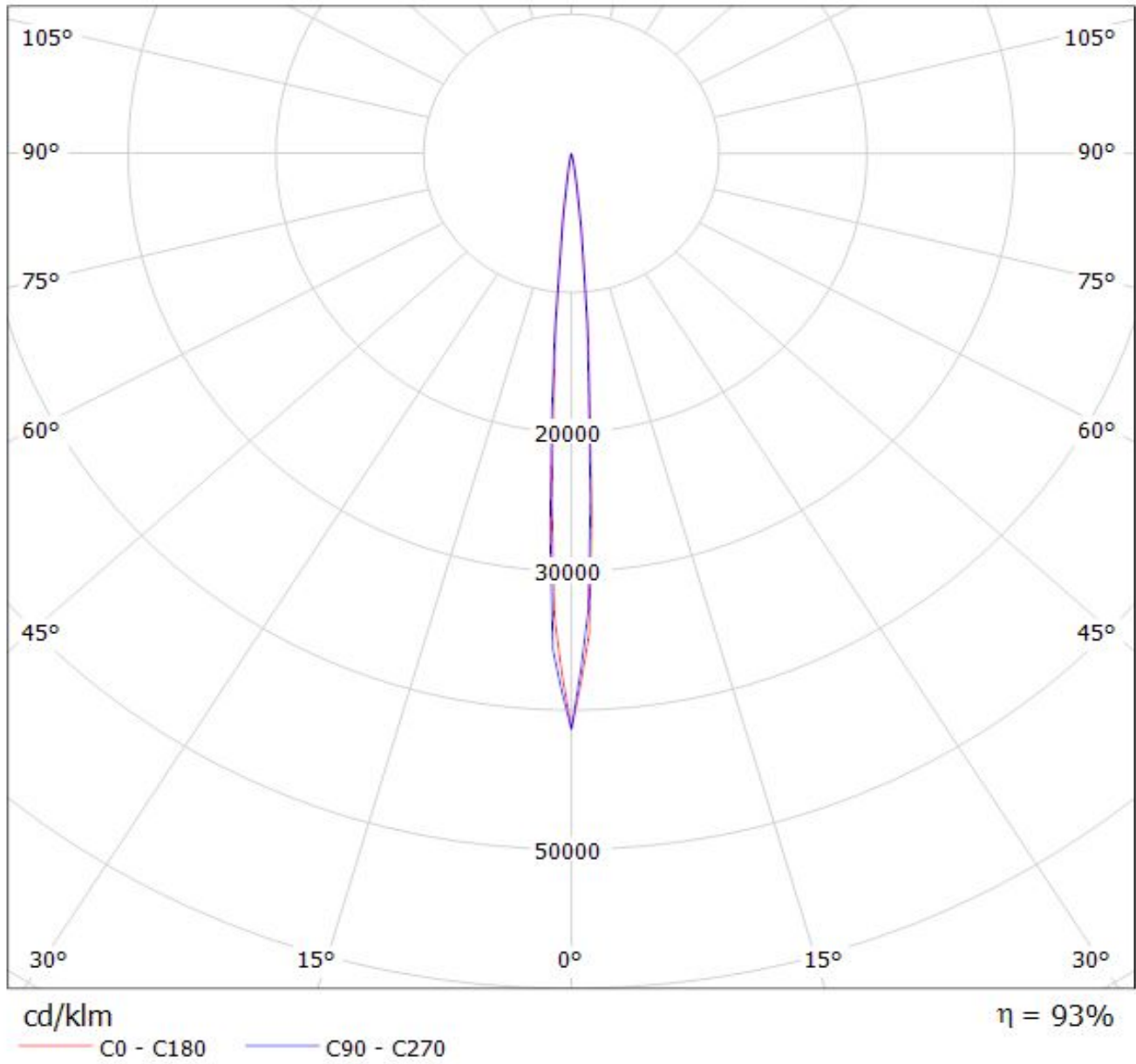


Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(XP-L) Efficiency=90%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=250mA



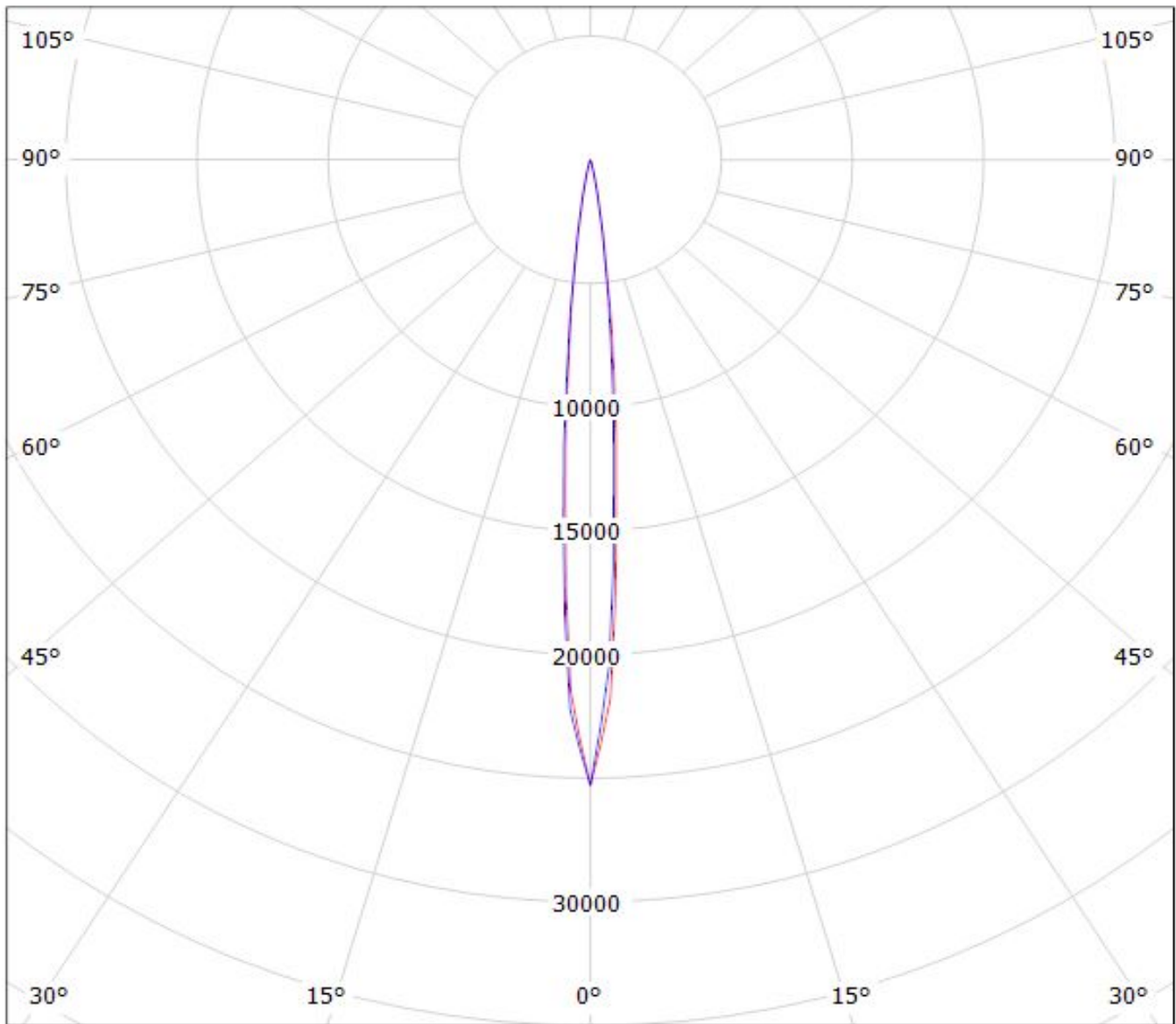
Luminaire: LEDil Oy CA13628_G2-LAURA-RS-P_(XP-E2)

Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79lm @ 250mA CCT= P=0.75W I=250mA



Luminaire: LEDiL CA13628_G2-LAURA-RS-P_(NCS19)

Lamps: 1 x Nichia NCSxx19A 67lm @ 250mA CCT= P=0.77W I=250mA



cd/klm

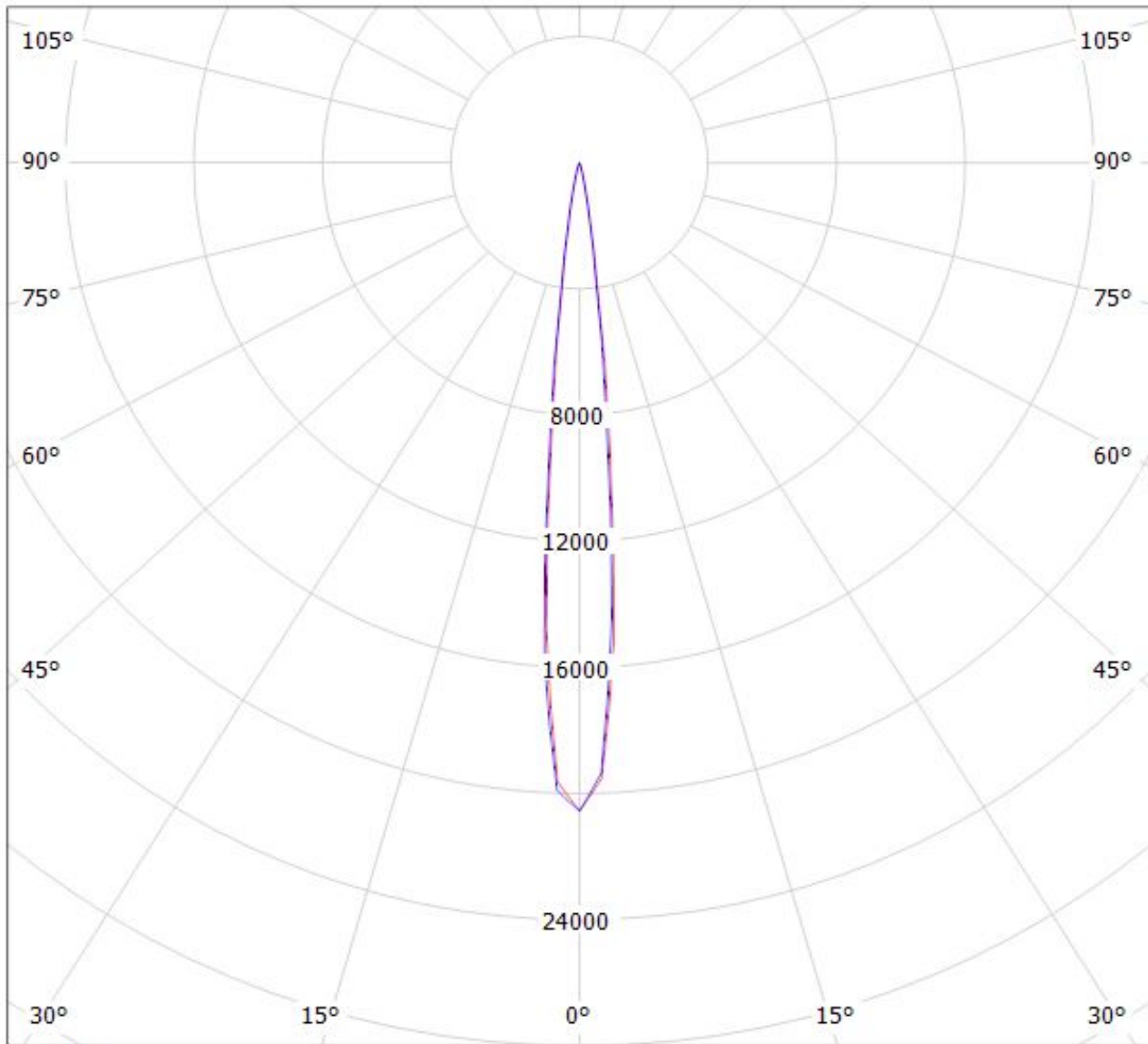
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(XB-H)

Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



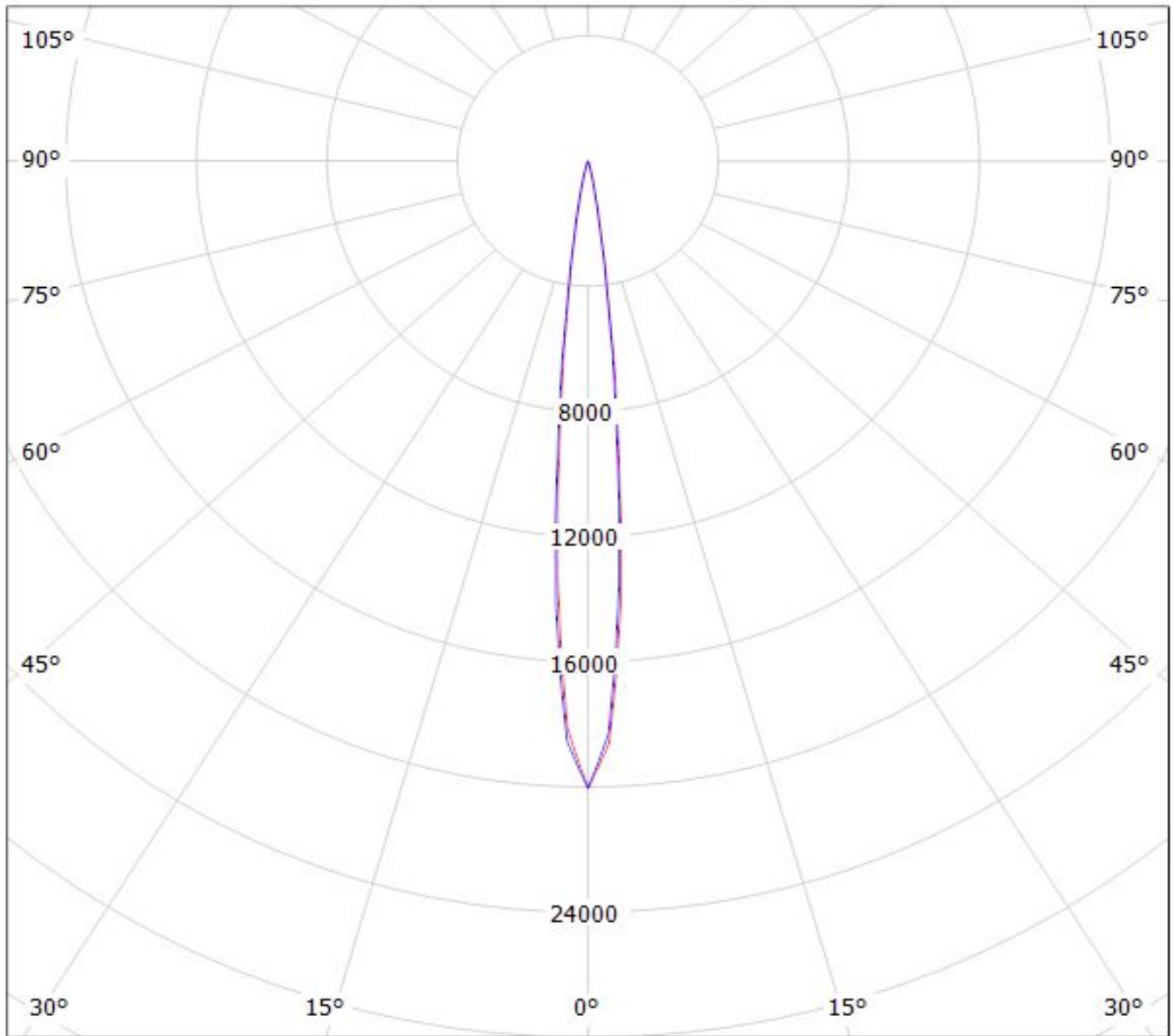
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX (L1T2-3585) 108lm @ 250mA CCT=3521K P=0.73W I=250mA



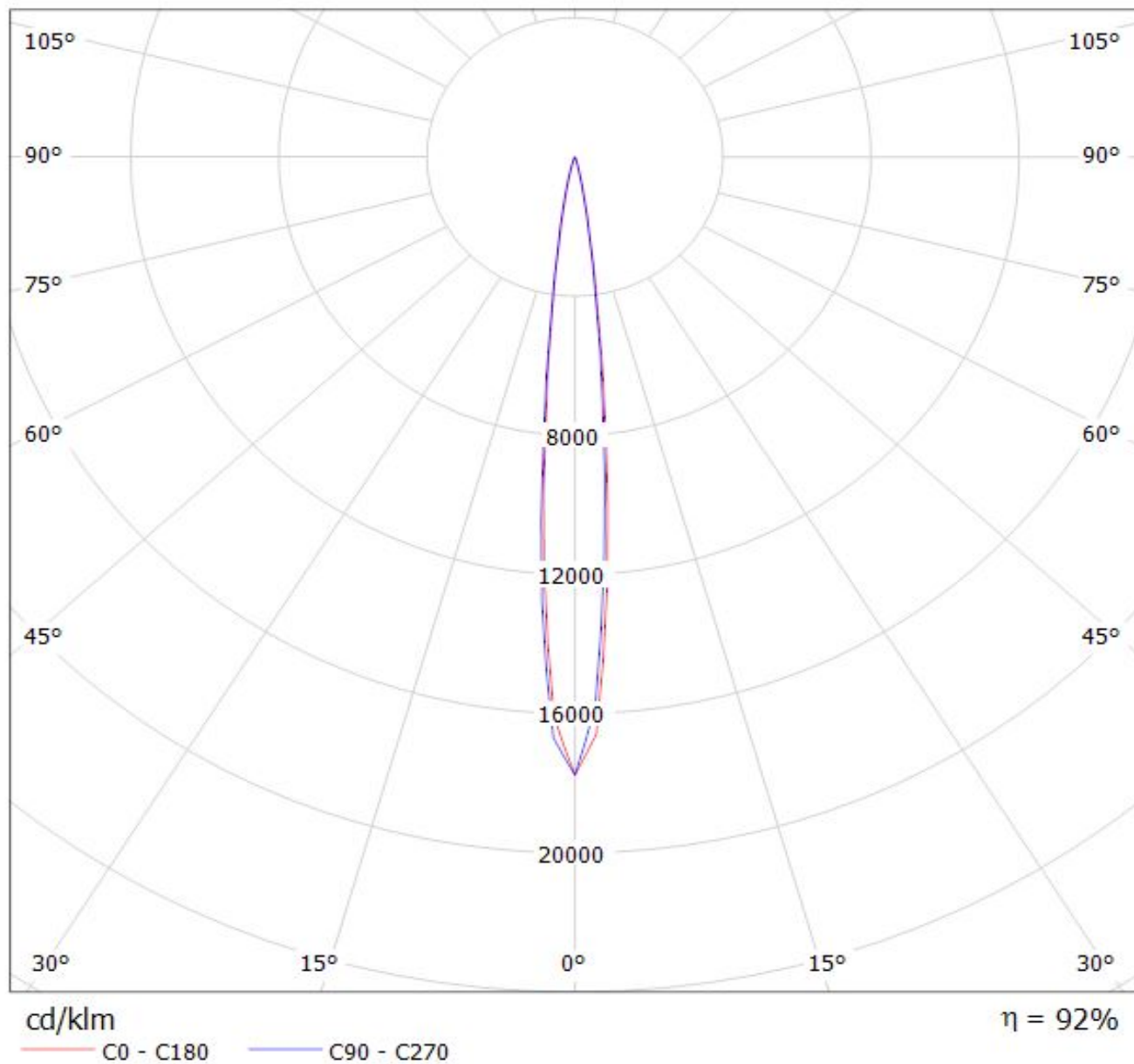
cd/klm

— C0 - C180 — C90 - C270

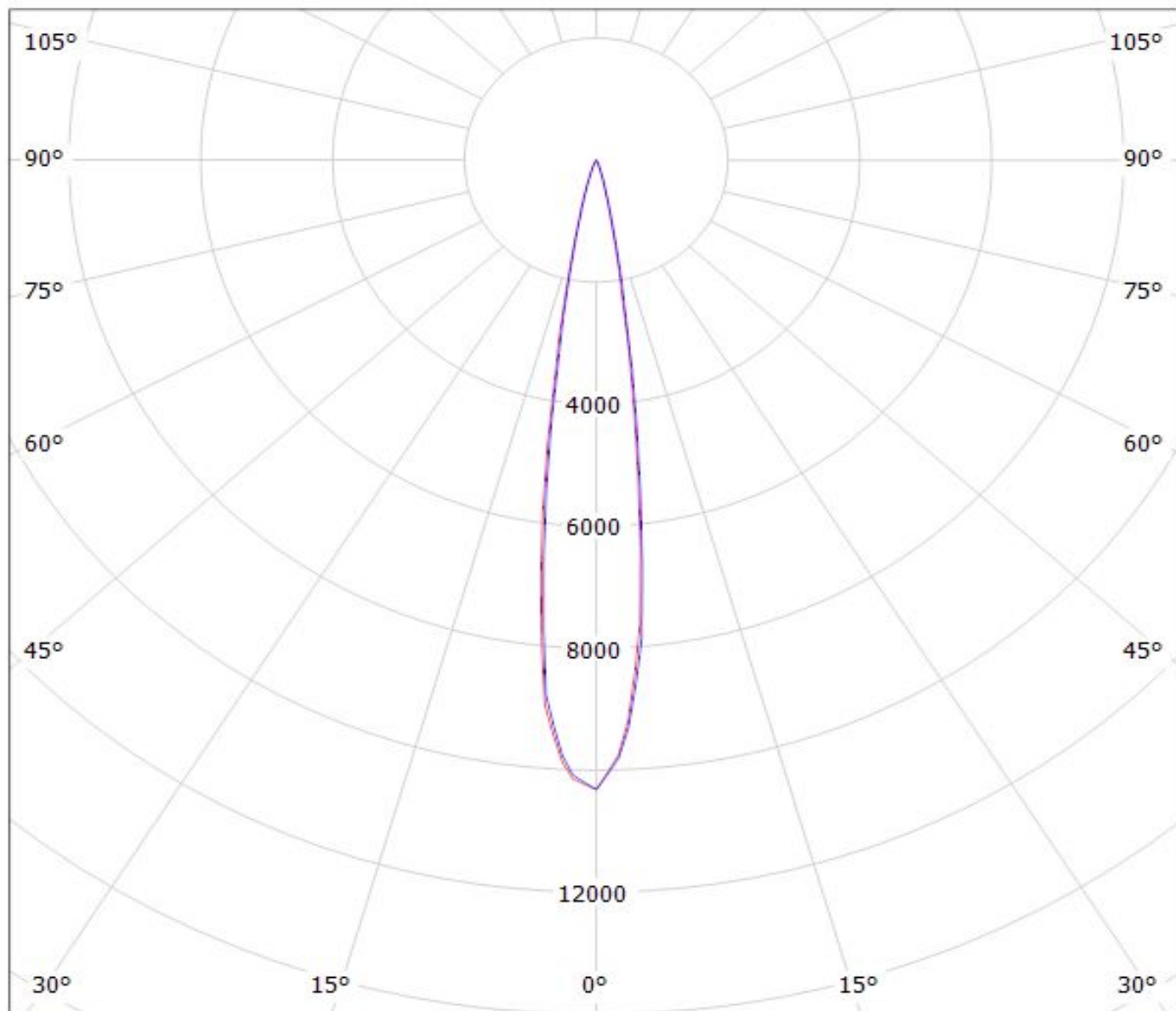
$\eta = 92\%$

Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(NVS19)

Lamps: 1 x Nichia NVSxx19A 93lm @ 250mA CCT=5010K P=0.75W I=250mA



Luminaire: Ledil Oy CA13628_G2-LAURA-RS-P_(XP-L) Efficiency=90%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=250mA



cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

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.