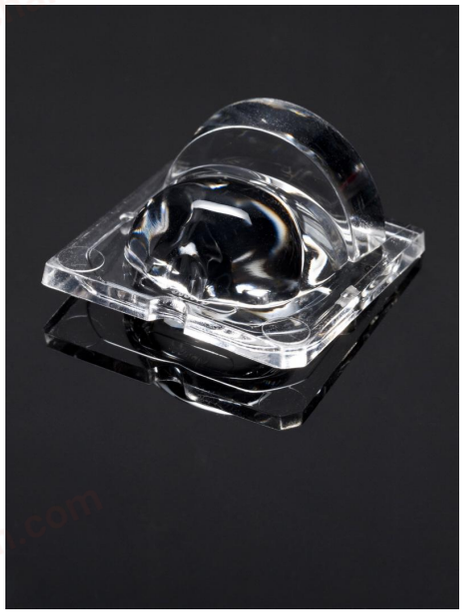
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PRODUCT DATASHEET
Strada-SQ series
last update 7/10/2014

DETAILS



Product Number	CA13897_STRADA-SQ-FS
Family	Strada-SQ
Type	Lens
Color	clear
Diameter	25x25 mm
Height	12,6 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	ready
ROHS Comliant	Yes
Date Updated	7/10/2014

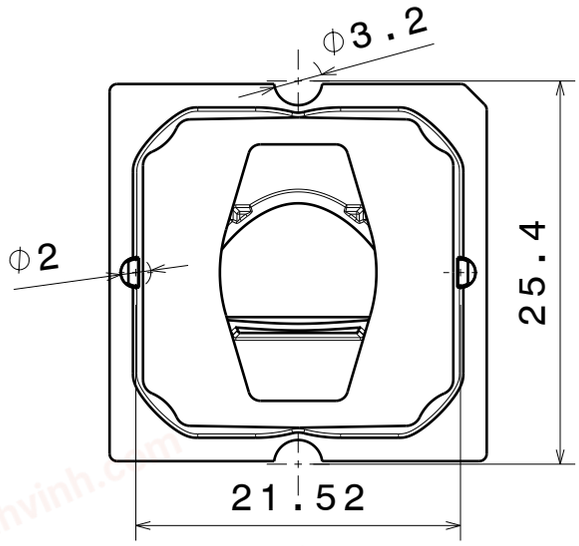
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
MK-R	Asymmetric deg	Asymmetric	93 %	0.900	-
LUXEON M	Asymmetric deg	Asymmetric	92 %	0.900	-
XHP70	Asymmetric deg	Asymmetric	80 %	0.620	: Protective Plate, Glass
XP-L	Asymmetric deg	Asymmetric	93 %	1.100	-
MHB-A	sim: Asym	Asymmetric	-	sim: 0.000	-
LUXEON MZ	Asym deg	Asymmetric	94 %	1.200	-
XHP50	Asymmetric deg	Asymmetric	93 %	0.920	-
XT-E	Asymmetric deg	Asymmetric	93 %	1.200	-
XM-L	Asymmetric deg	Asymmetric	93 %	1.200	-

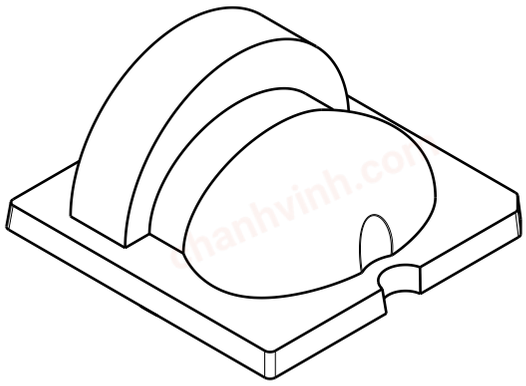
Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

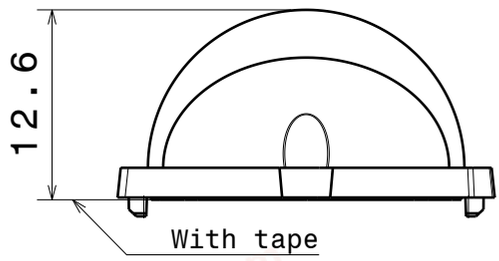
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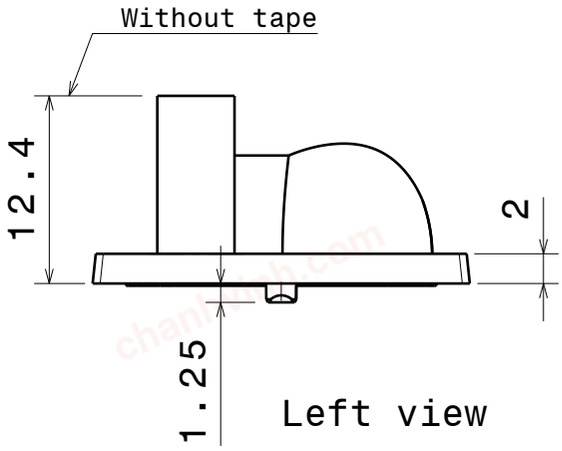
Bottom view



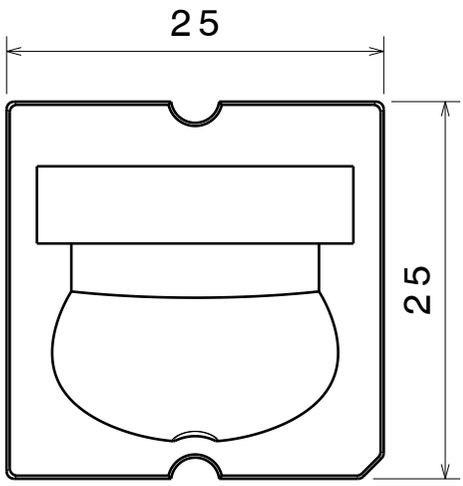
Isometric view



Front view



Left view



Top view

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

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

STRADA-SQ-FS

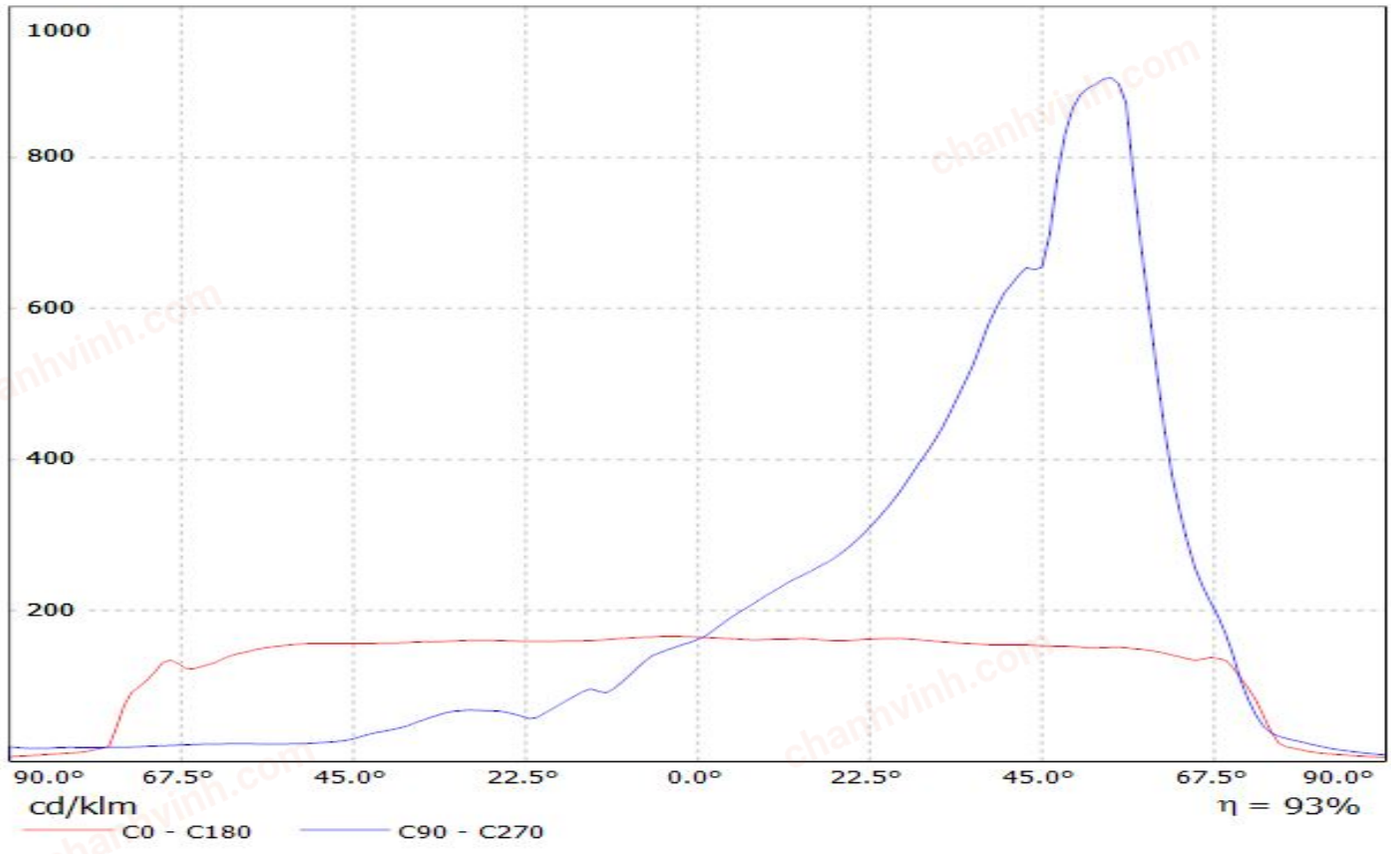
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
2:1	- g		1/1

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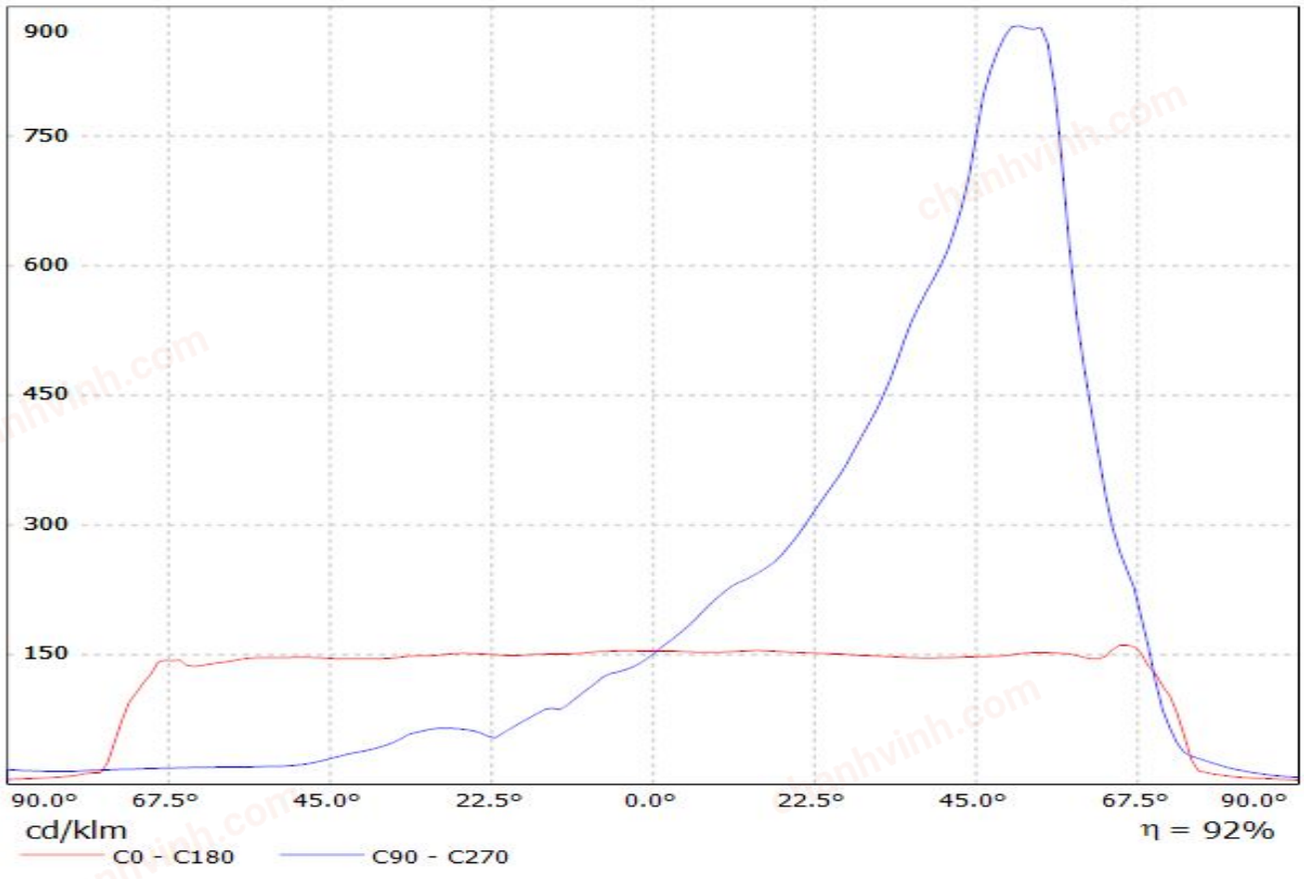
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



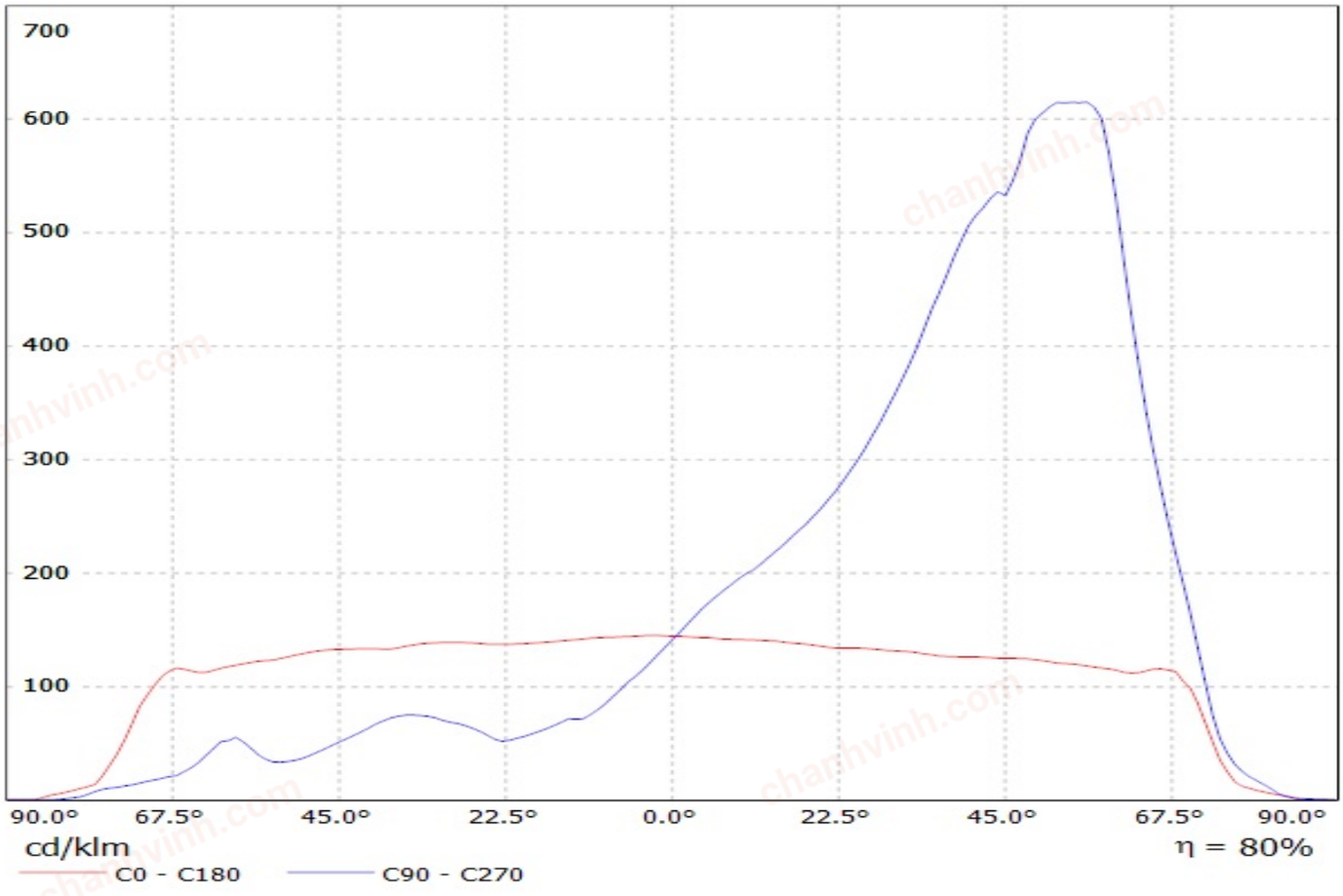
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Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



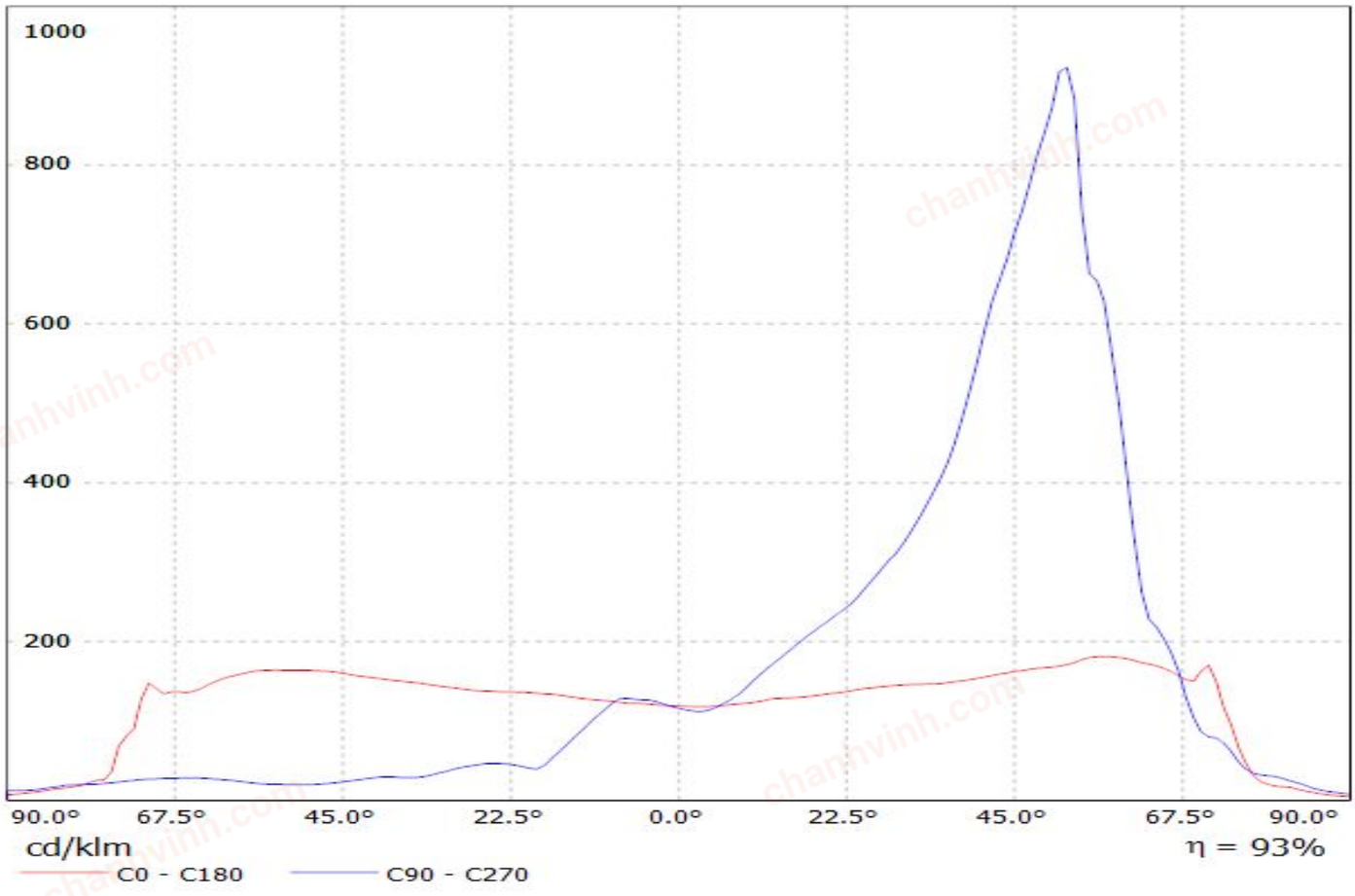
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Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



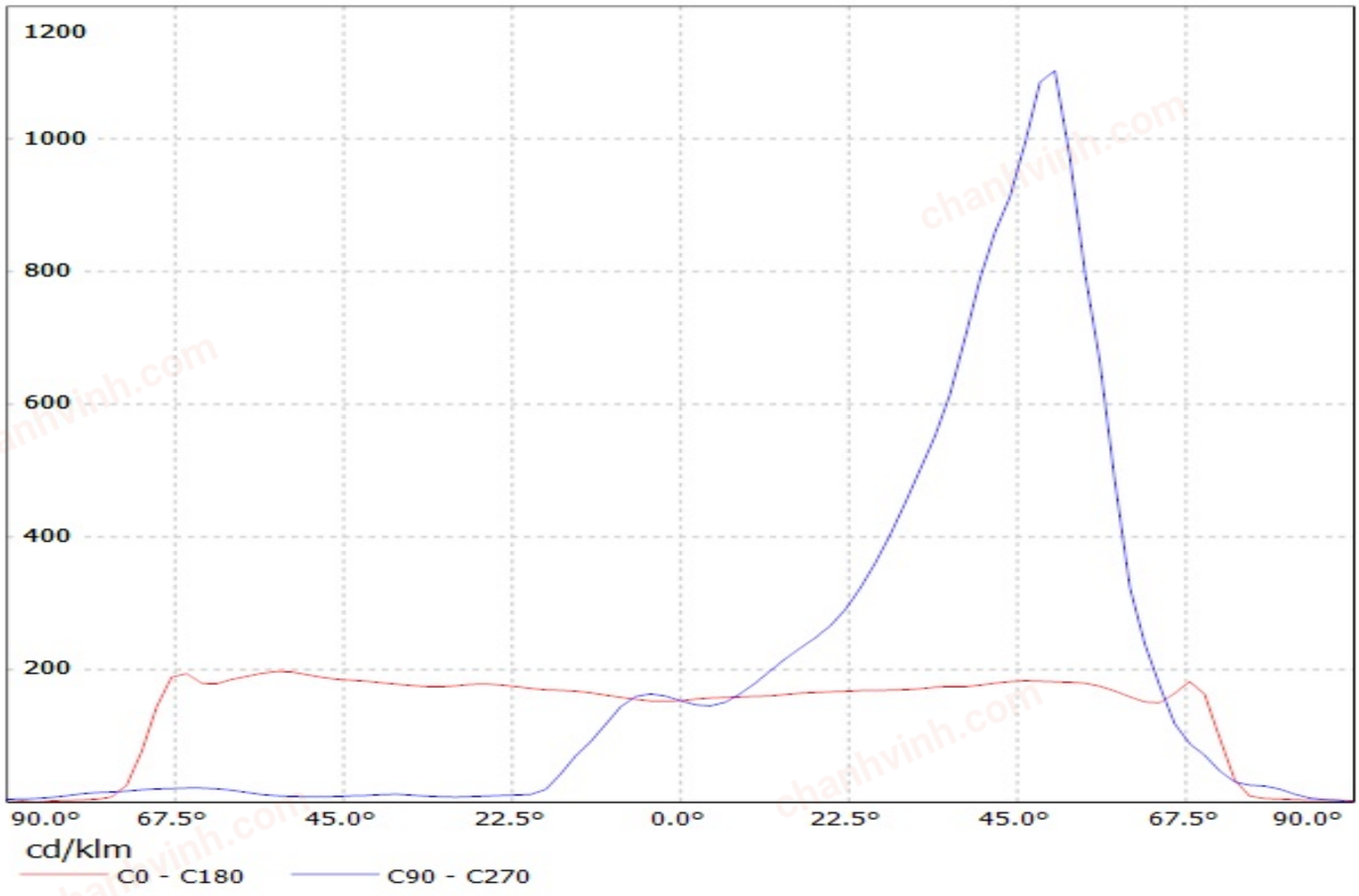
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Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)
Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA



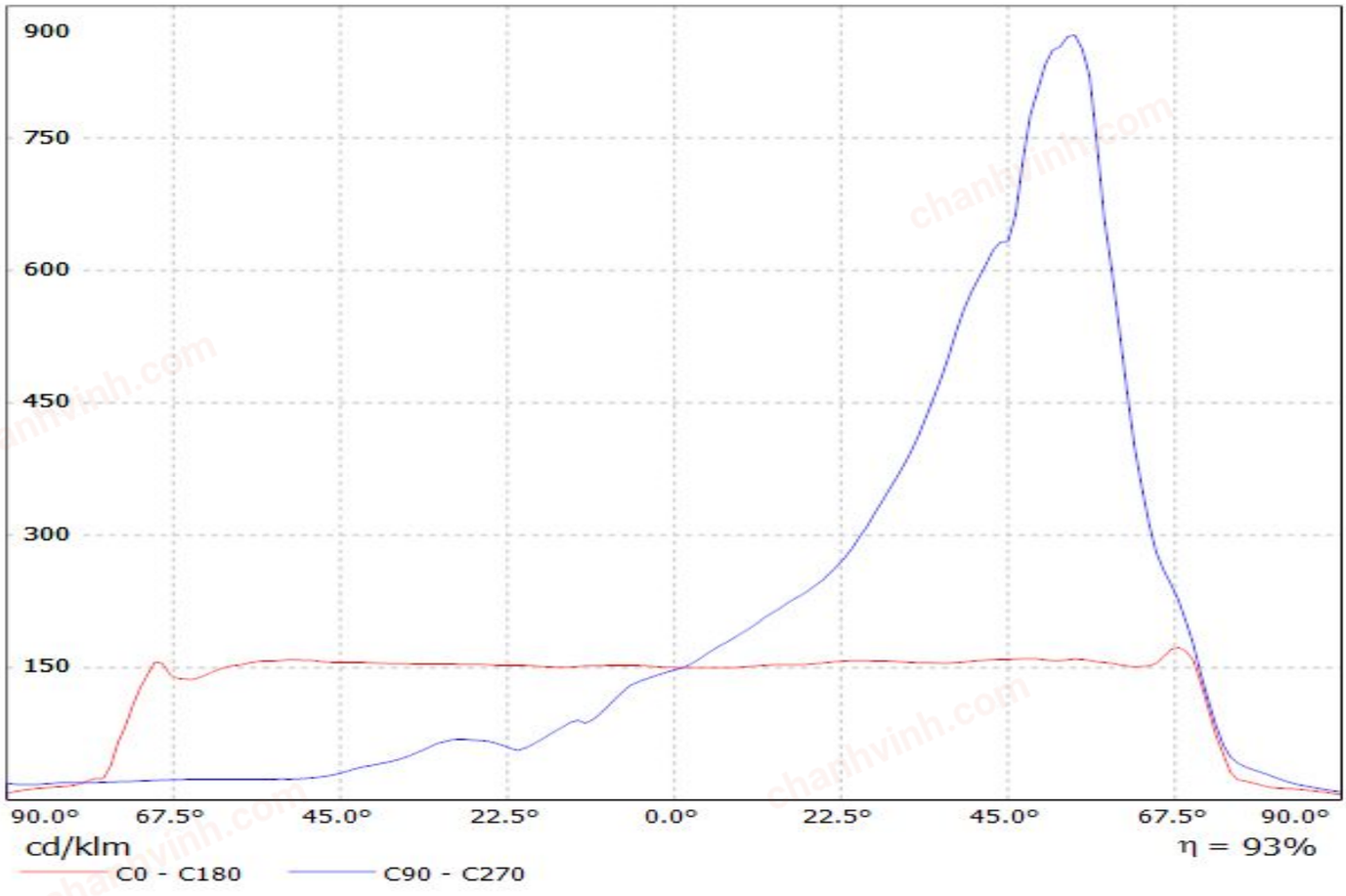
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Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



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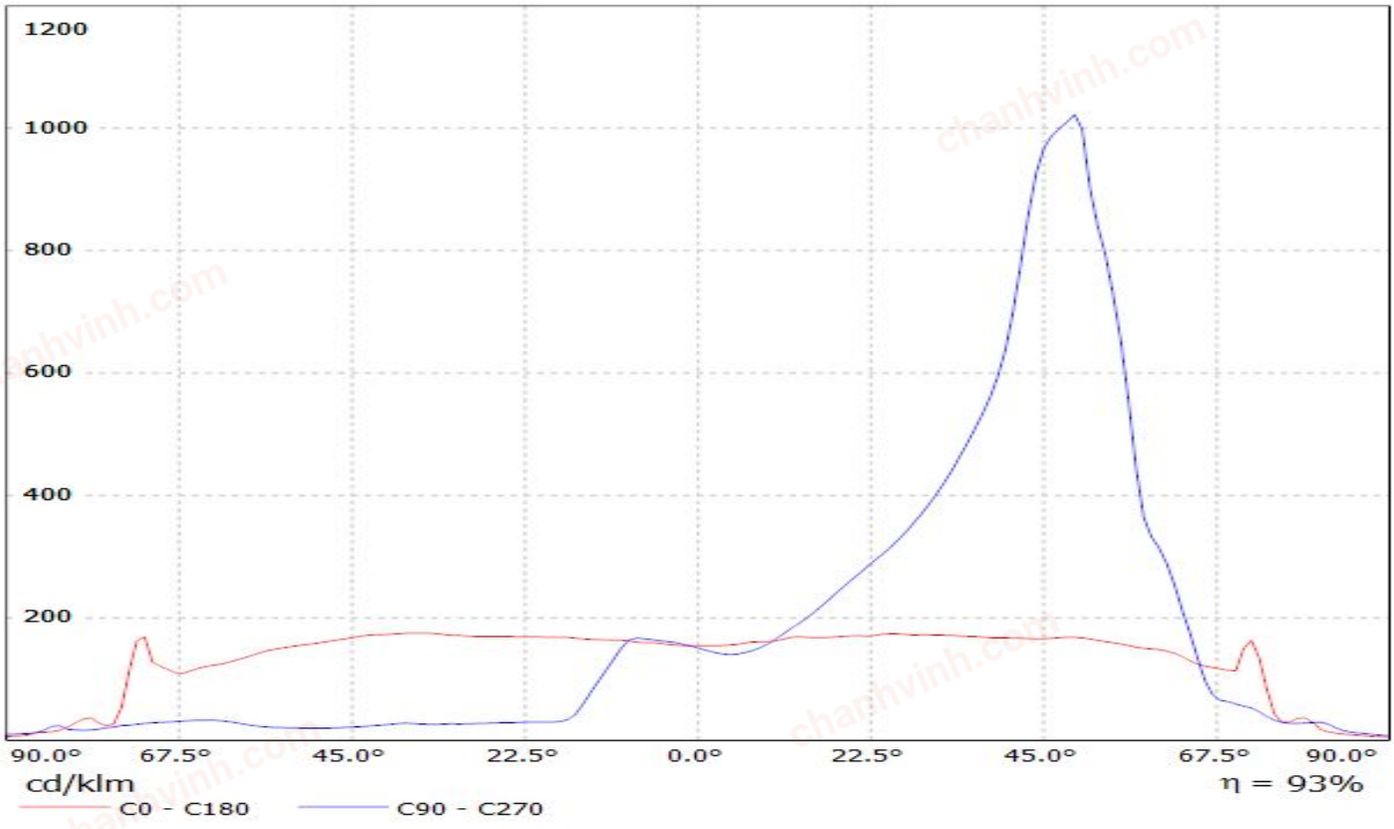
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)
Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.4295



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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA

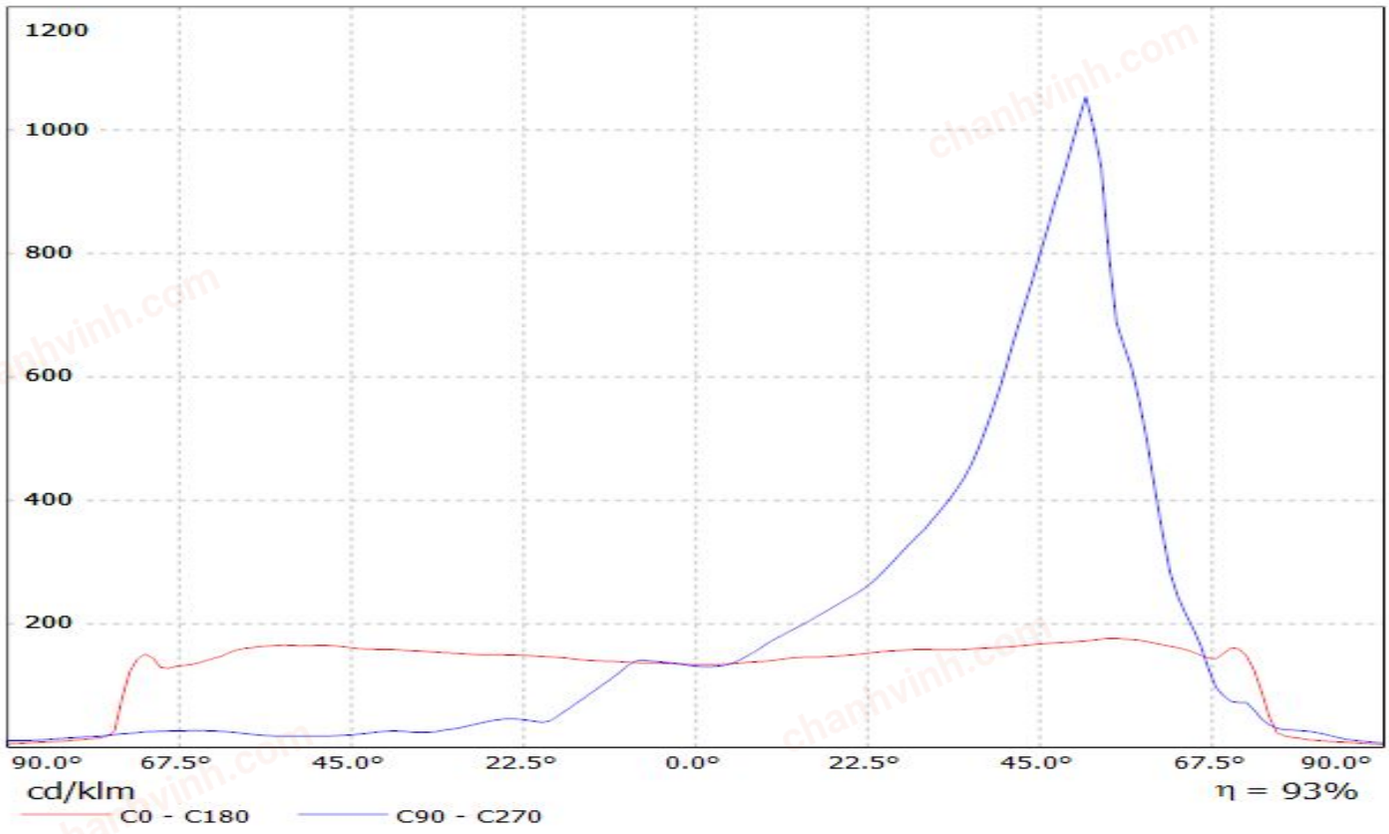


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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)
_100.386lm@259mA_P=0.724735W_I=249.9mA

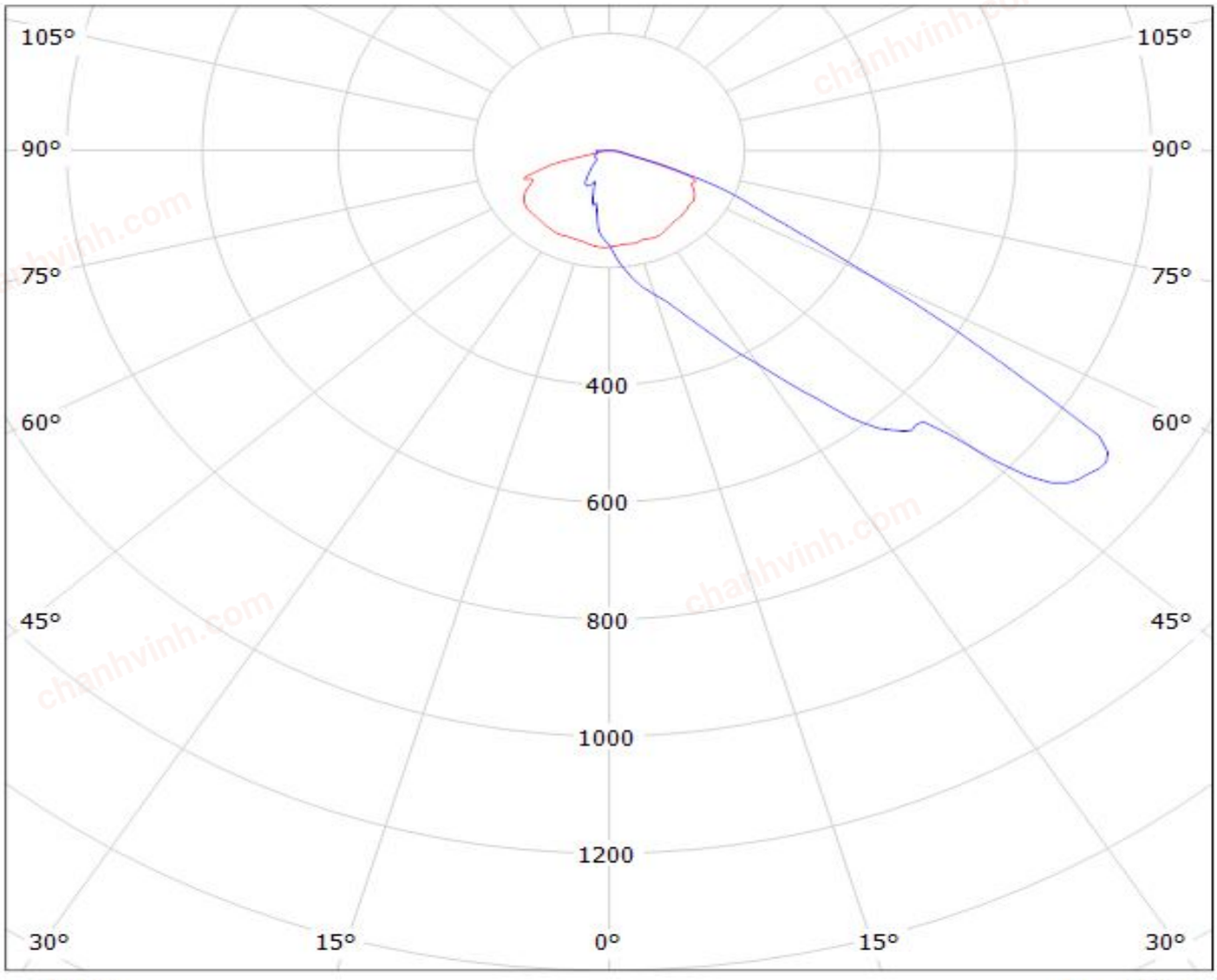


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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



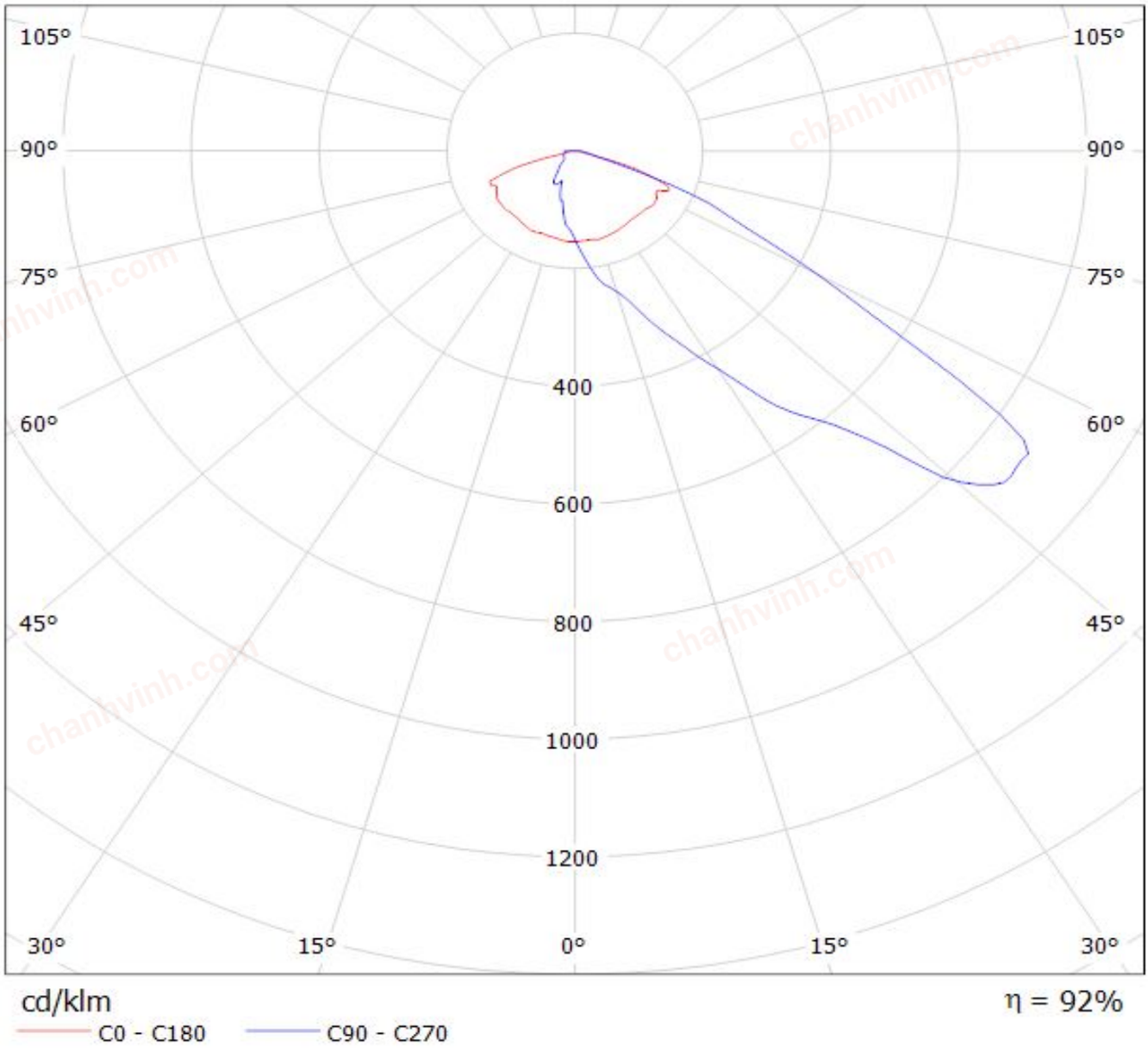
cd/klm

η = 93%

C0 - C180 C90 - C270

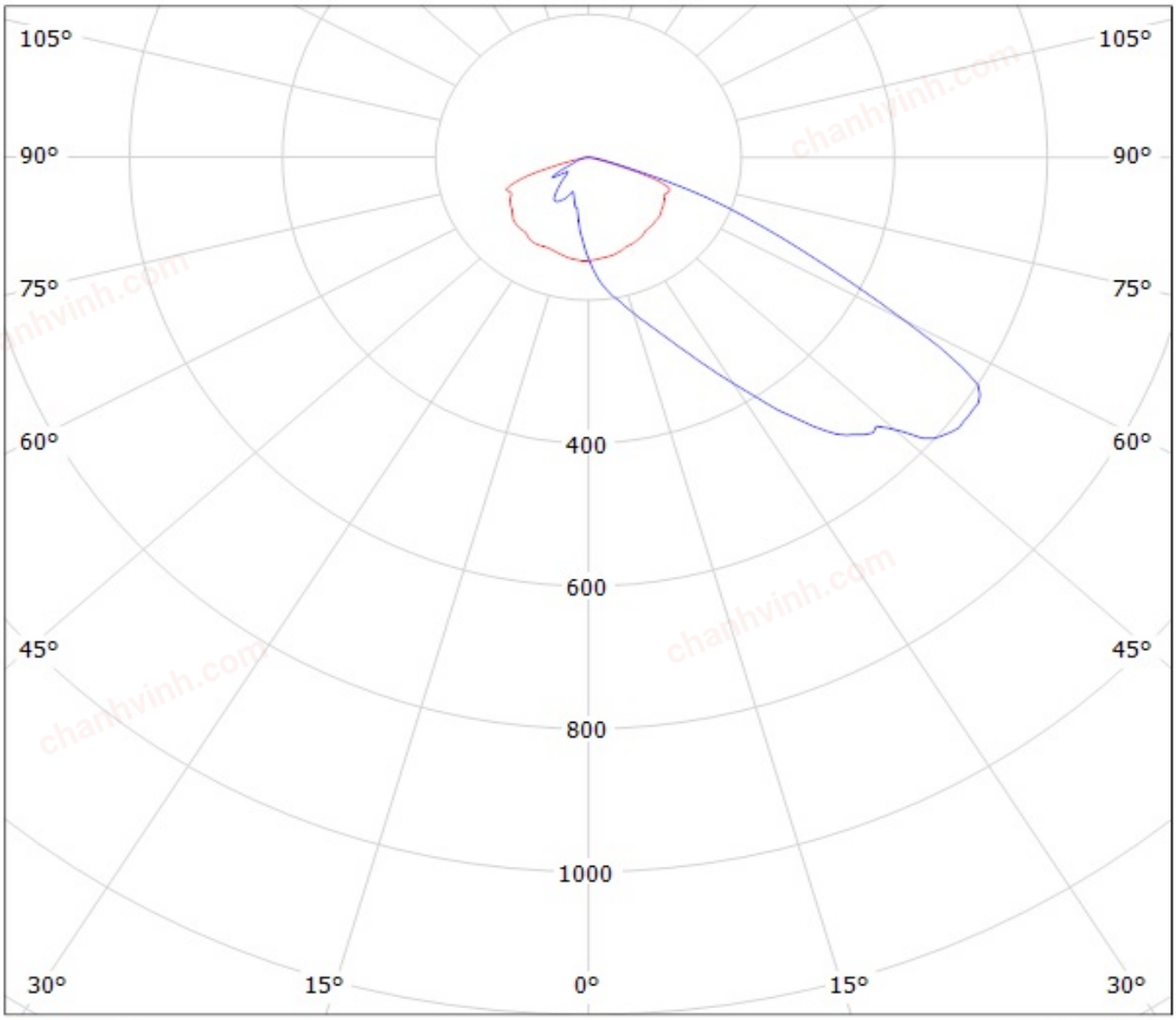
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Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



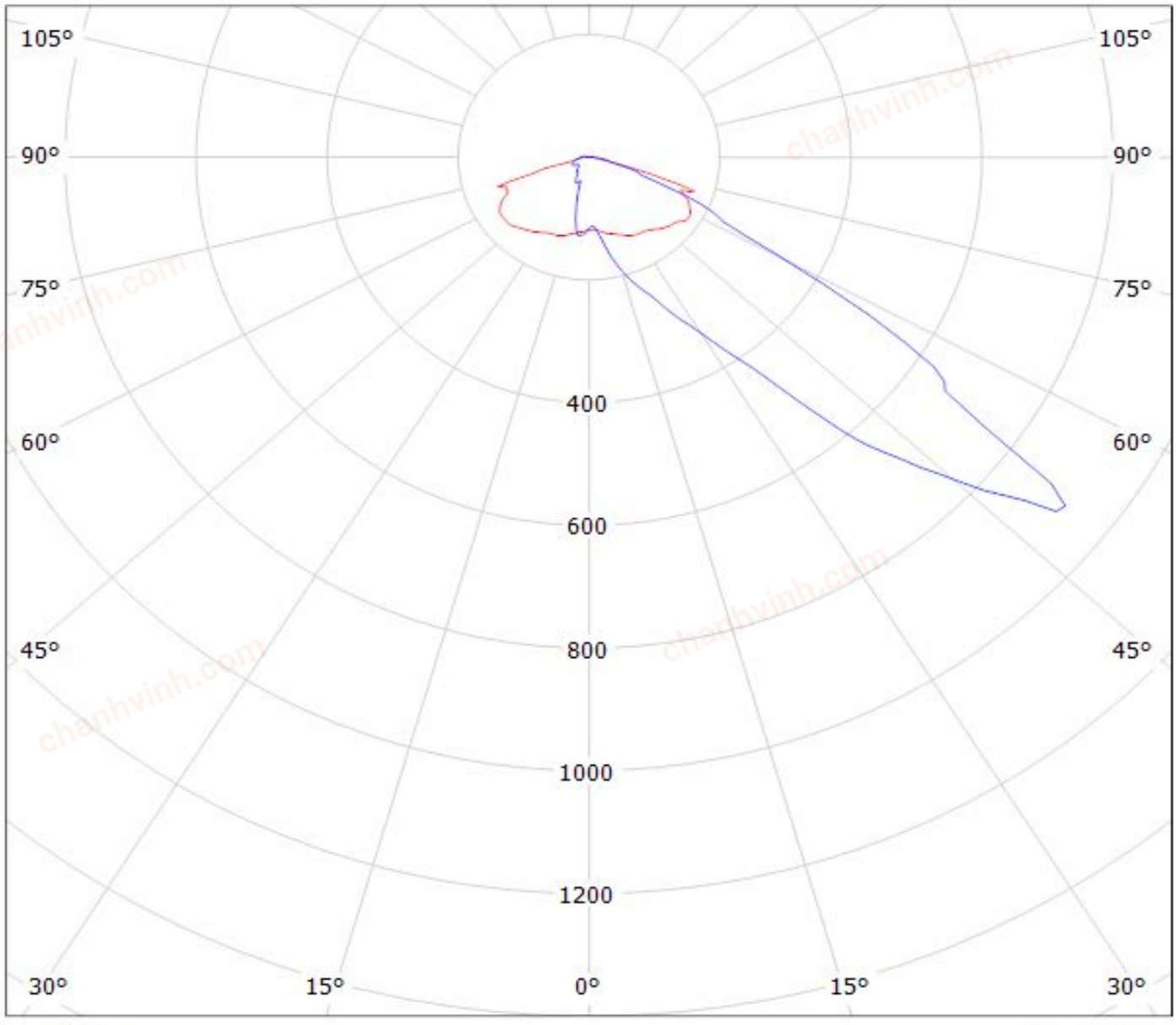
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Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



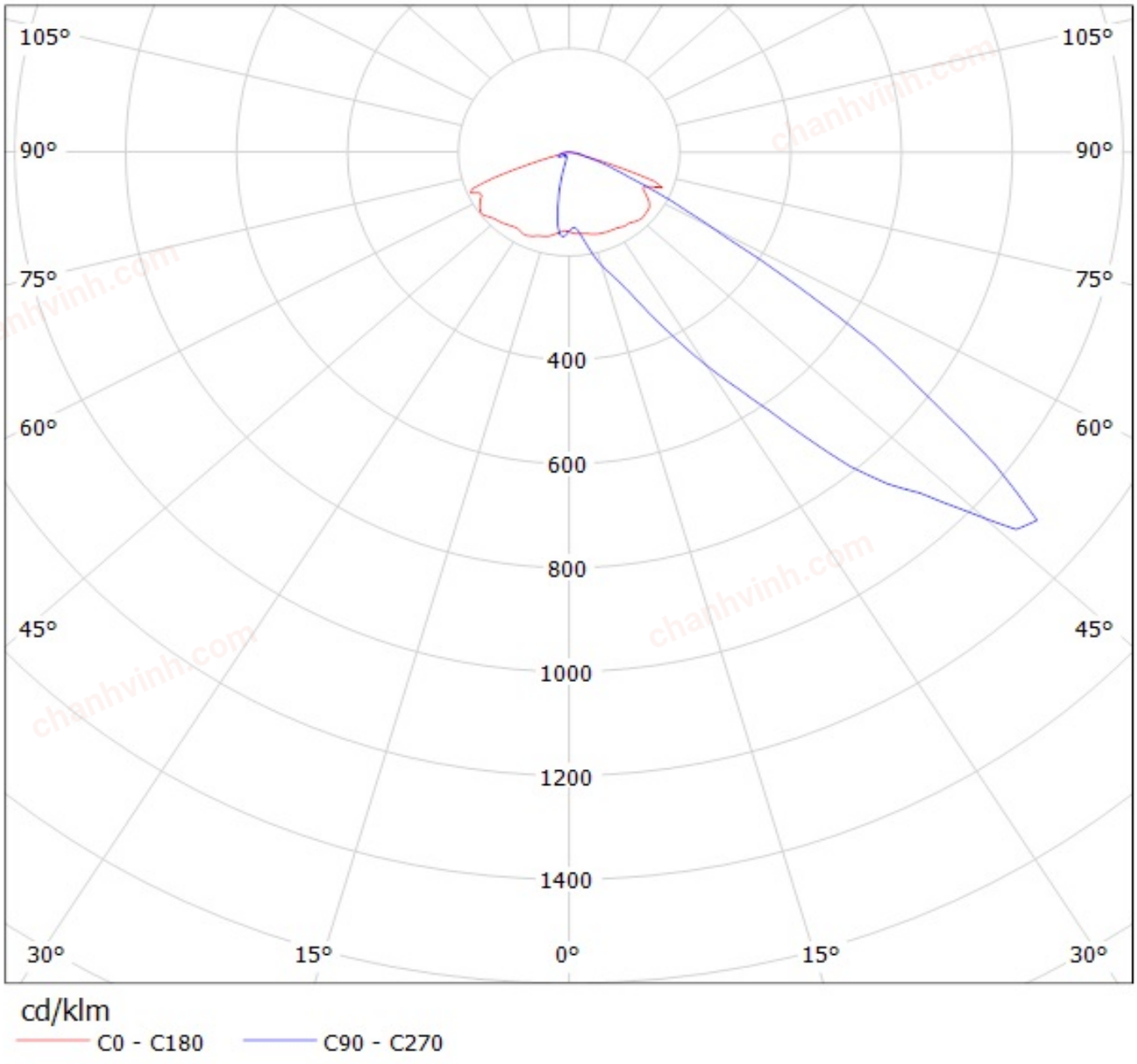
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Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)
Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA



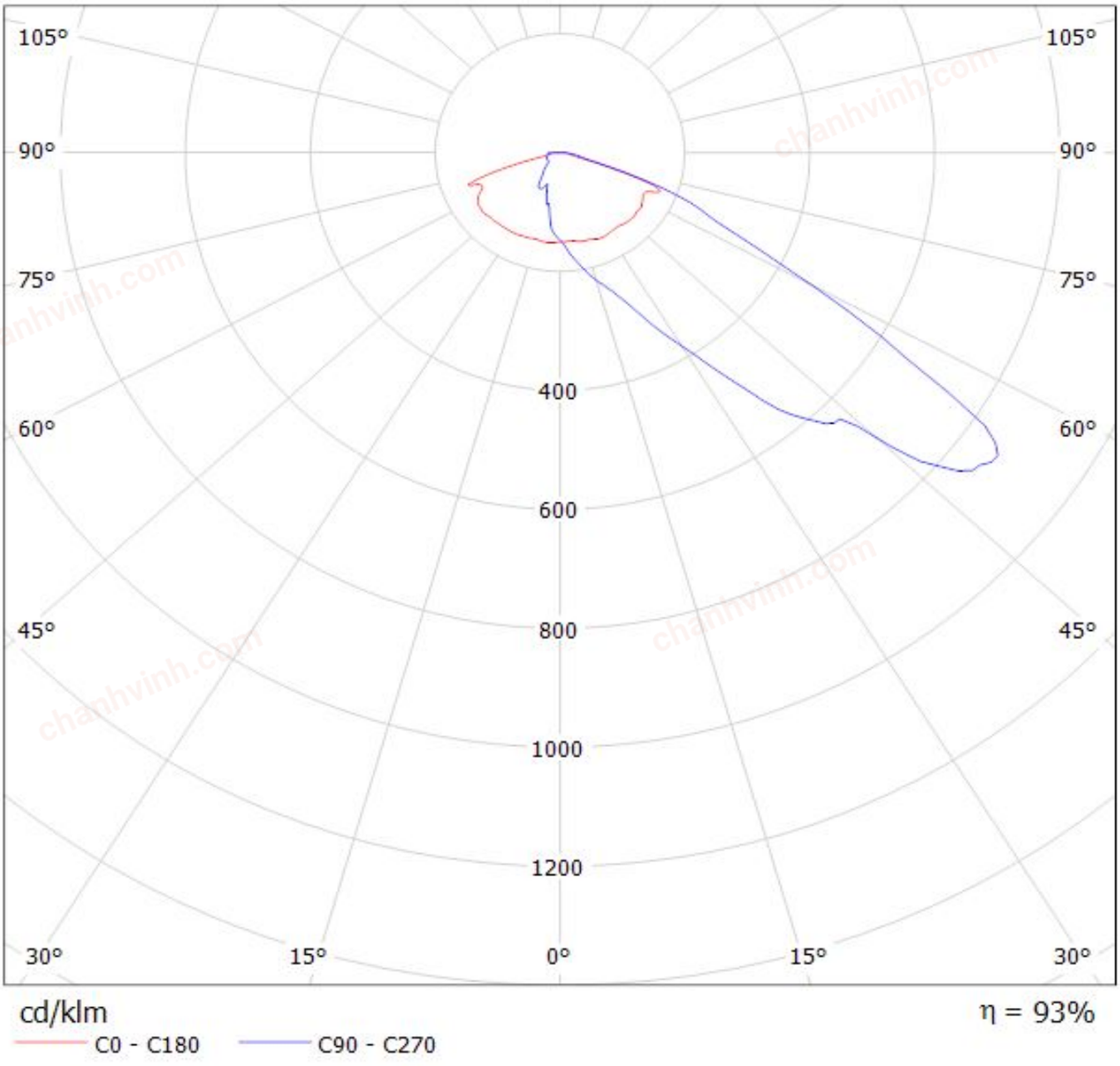
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Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



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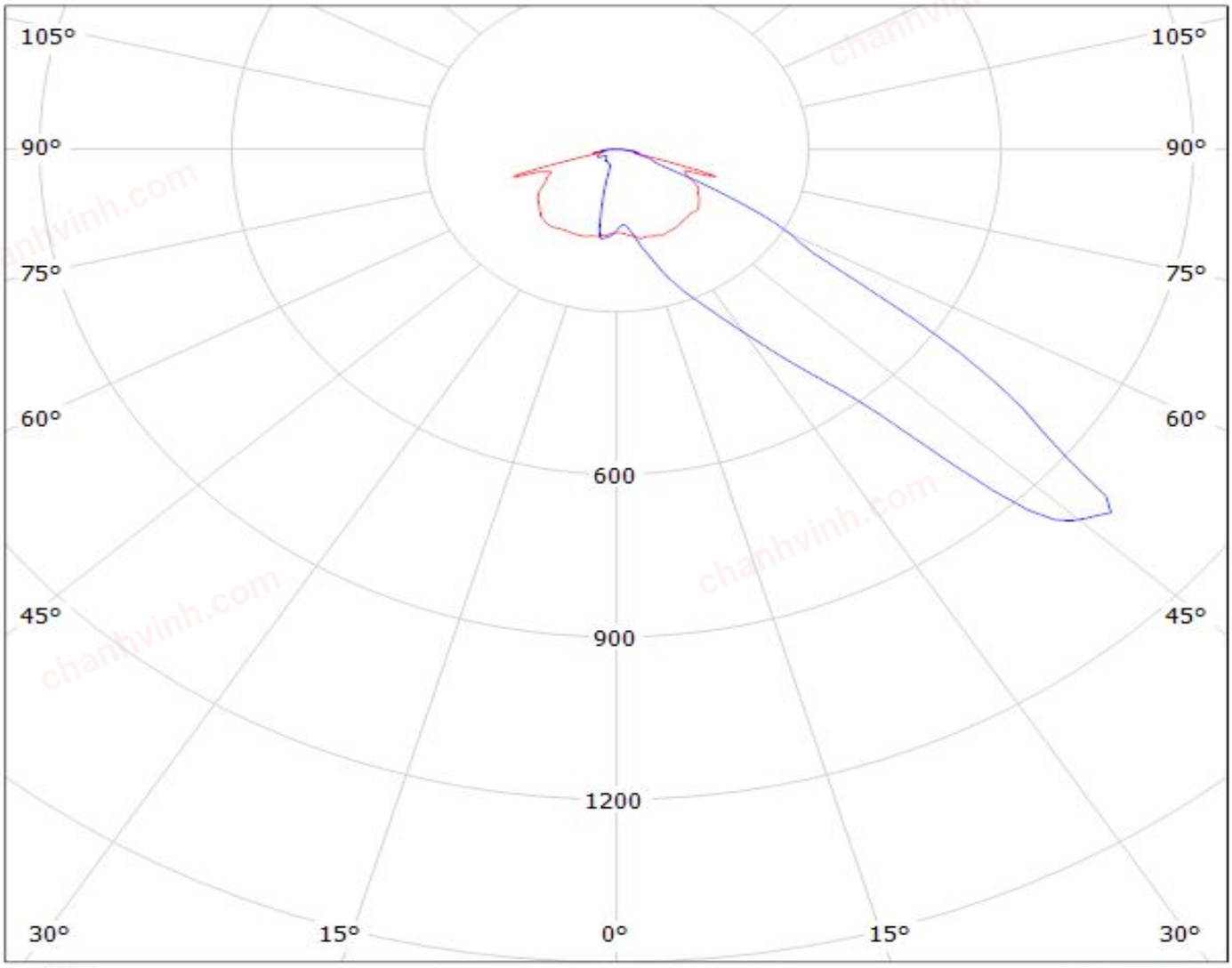
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)
Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.42958



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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Polar)

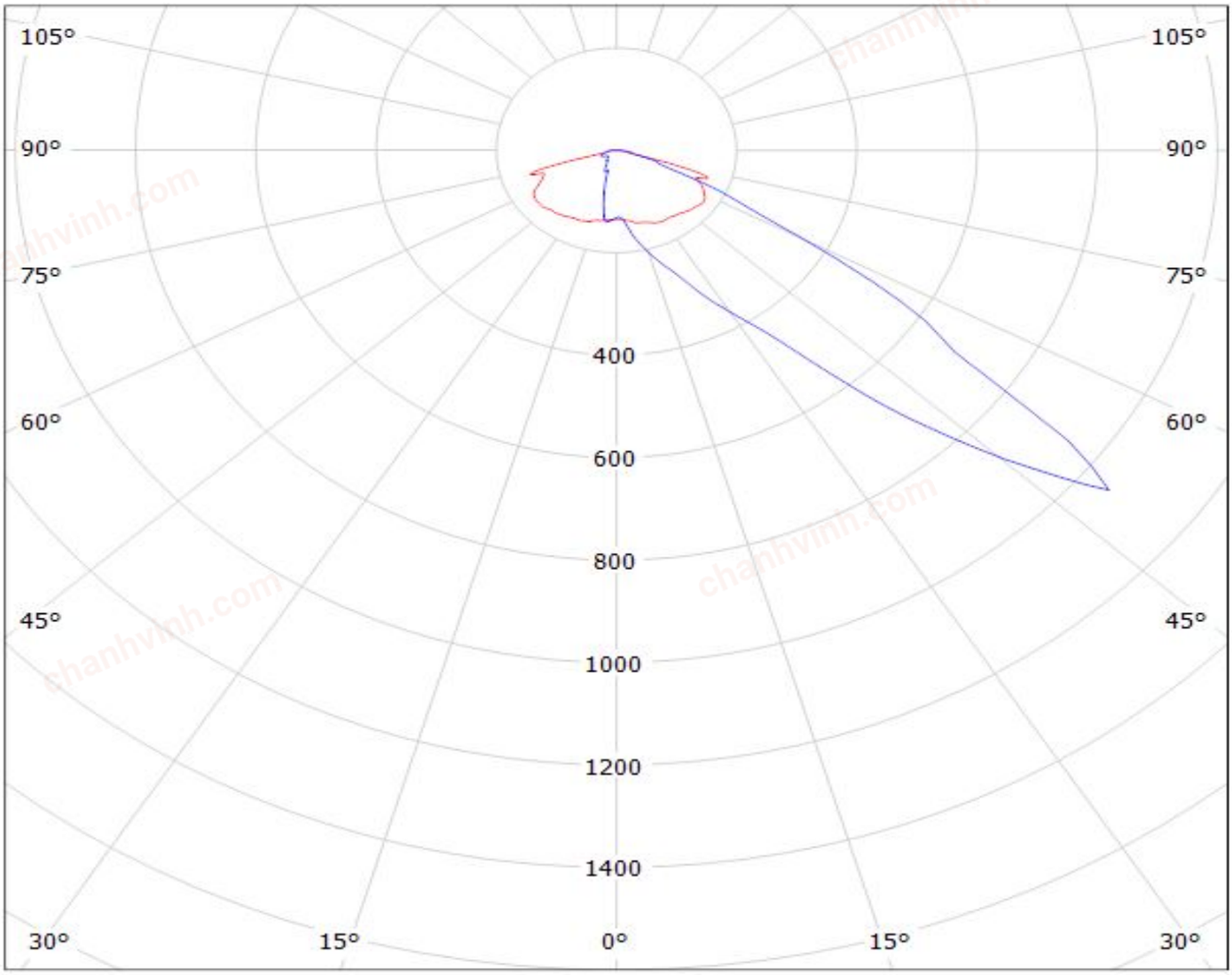
Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA



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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)
_100.386lm@259mA_P=0.724735W_I=249.9mA



cd/klm

η = 93%

C0 - C180 C90 - C270

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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.