

## DETAILS

<b>Product Number</b>	C14607_HB-2X2-M
<b>Family</b>	High Bay
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	50x50 mm
<b>Height</b>	8,5 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	screw, pin
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/10/2015



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Duris S8	sim: 33	Medium	sim: 88 %	sim: 2.000	-
LUXEON MZ	30 deg	Medium	91 %	2.400	-
XP-L	31 deg	Medium	94 %	2.213	-
XM-L	32 deg	Medium	93 %	2.040	-
XM-L2	32 deg	Medium	92 %	2.112	-

D

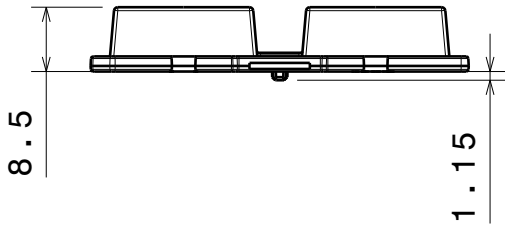
C

B

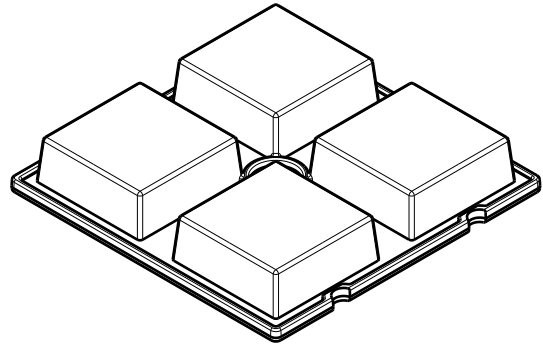
A

4

4



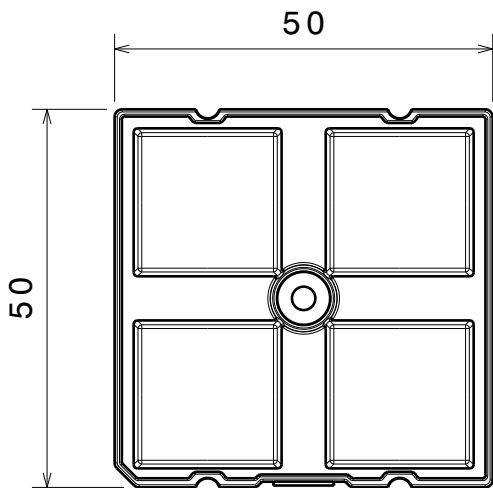
Front view



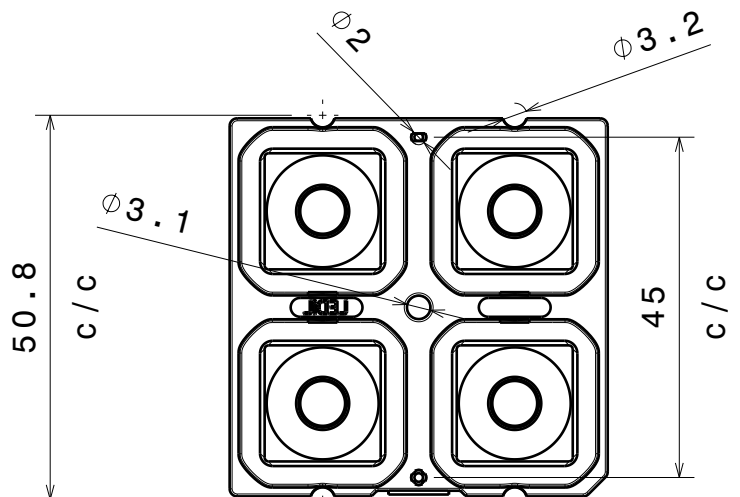
Isometric view

3

3



Top view



Bottom view

2

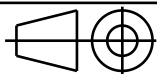
2

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

C14607\_HB-2X2-M

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SIZE PART NUMBER

A4

C14607

SCALE	1:1	WEIGHT	10,53 g	SHEET	1/1
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D

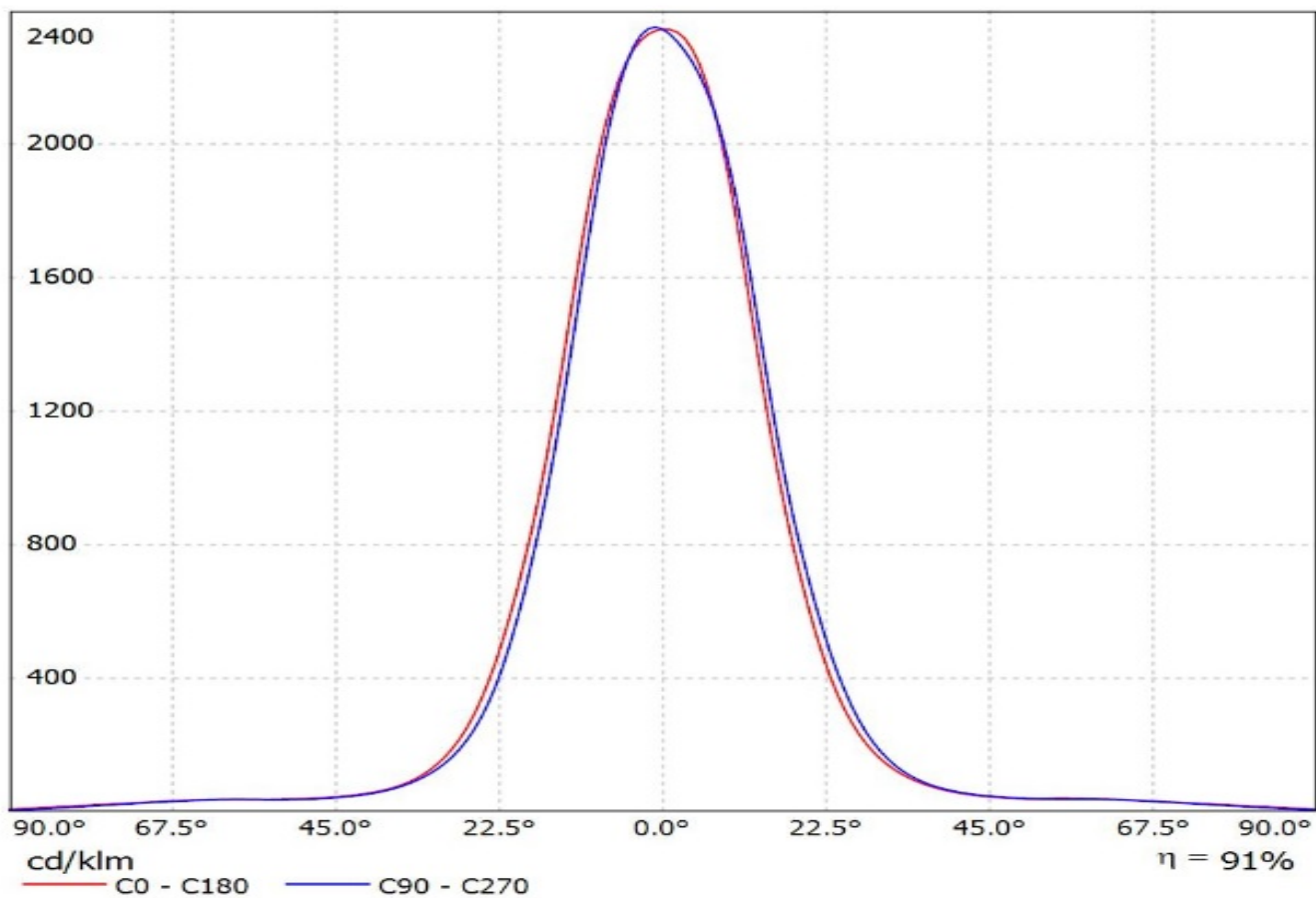
A

1

1

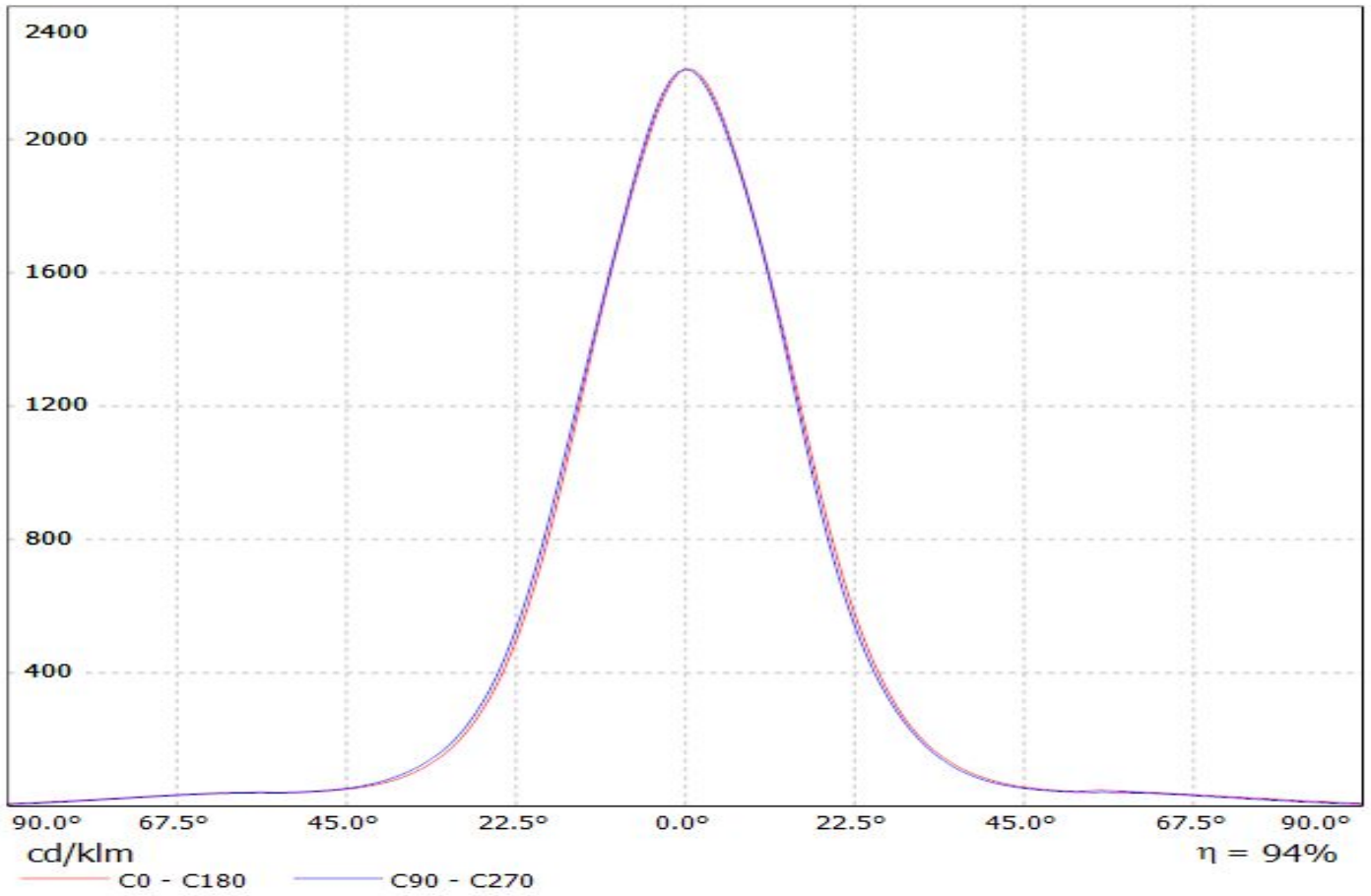
Luminaire: Ledil C14607\_HB-2X2-M\_(Luxeon\_MZ)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_MZ\_(LMZ7-QW57)\_(2x2)\_428.395lm@250mA\_P=2.73175W\_I=0.2500A



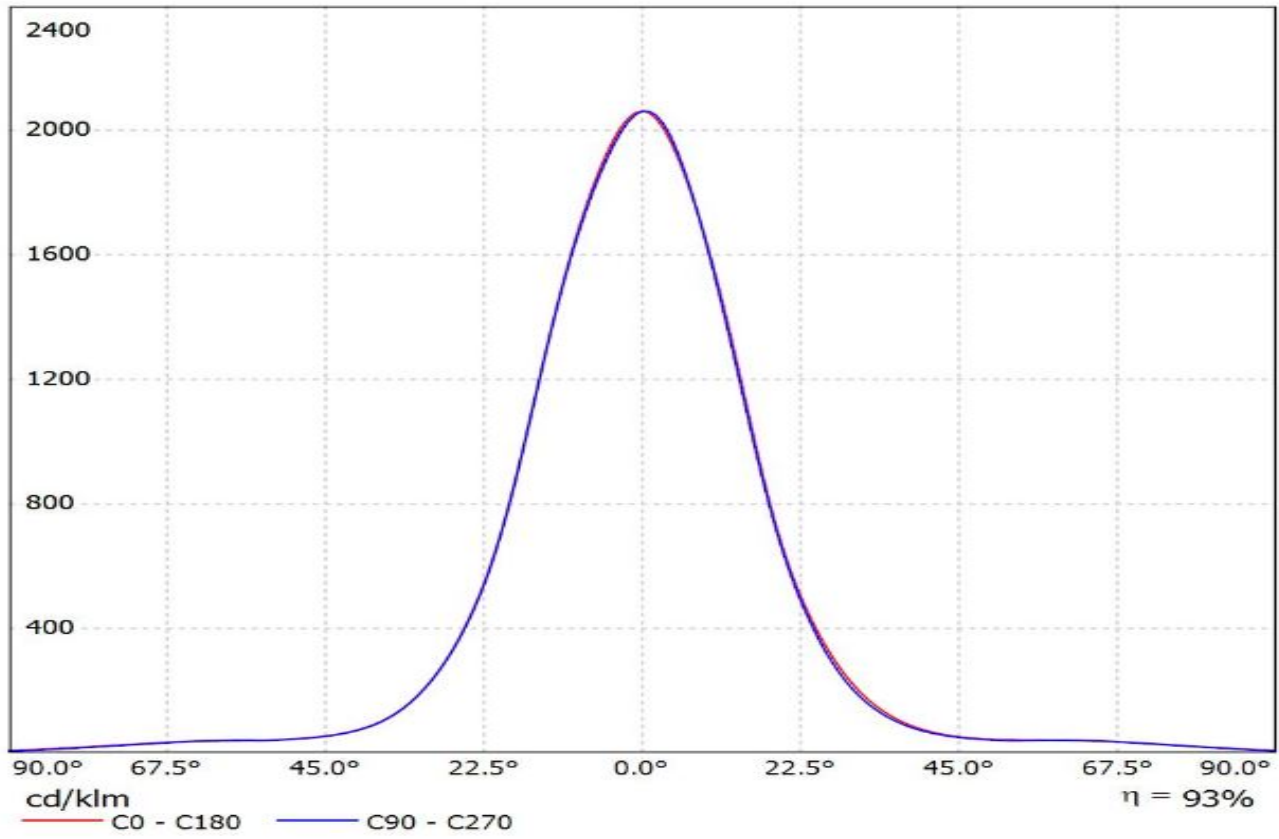
Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XP-L)

Lamps: 1 x Cree\_XP-L\_(XPLAWT-1B0-V40-00-0001)\_496.74lm@250mA\_P=2.80138W\_I=0.2499A



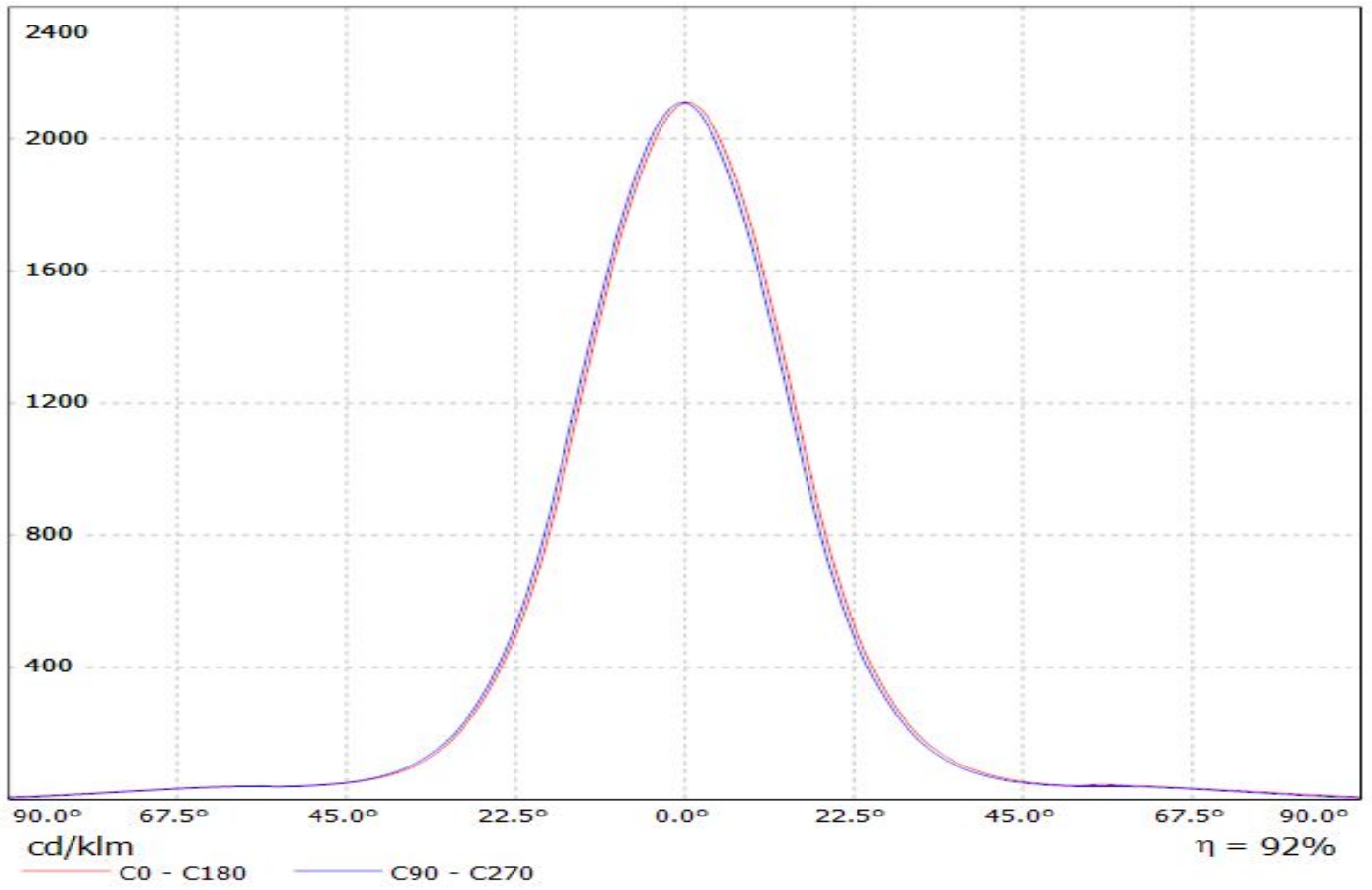
Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XM-L)

Lamps: 1 x Cree\_XM-L\_2x2\_(XMLAWT-00-0000-000LT20E7)\_334.631lm@250mA\_P=2.75215W\_I=0.2499A



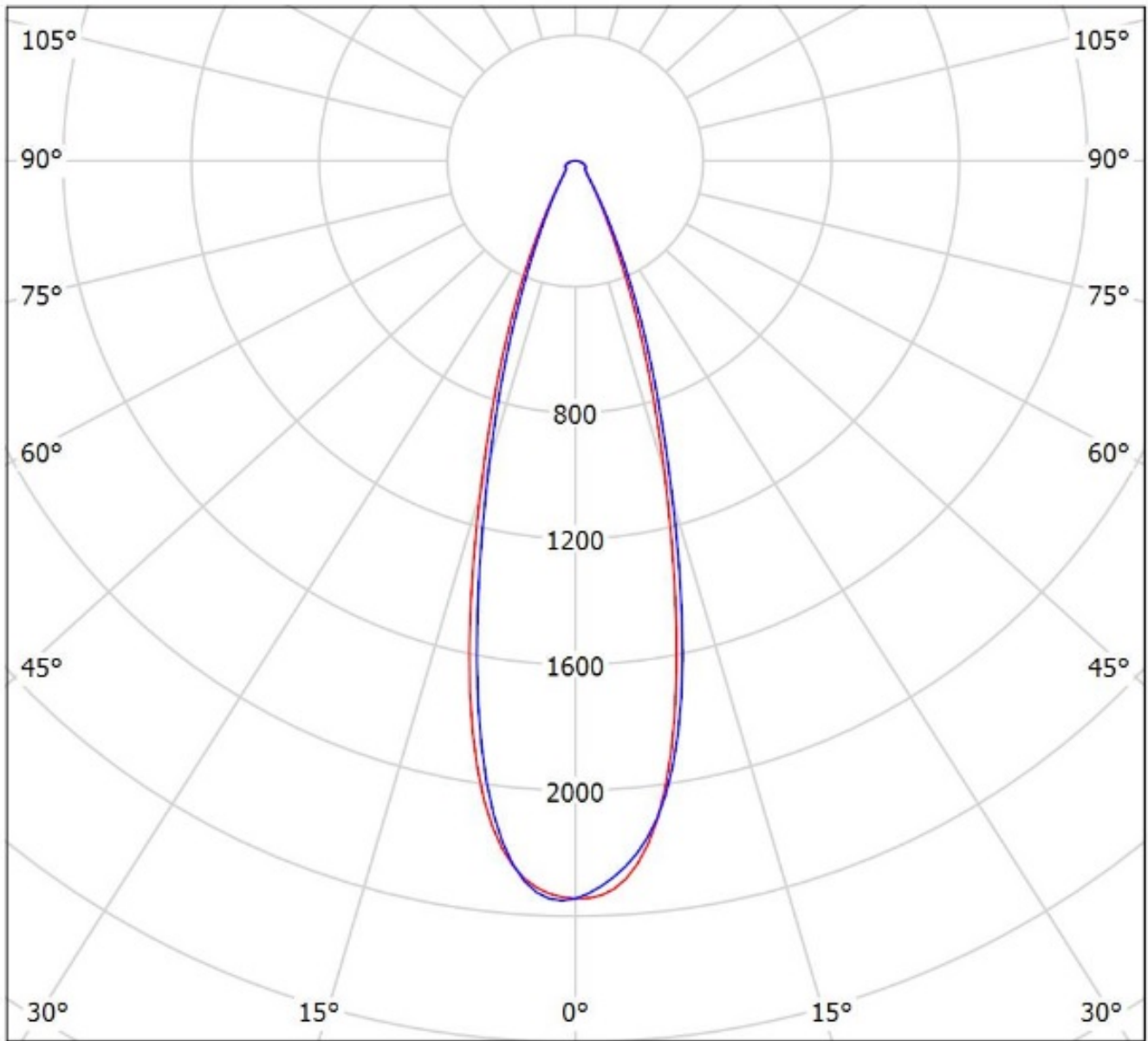
Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XM-L2)

Lamps: 1 x Cree\_XM-L2\_2X2\_(XMLBWT-0-7B4-0L-0001)\_354.093lm@250mA\_P=2.81687W\_η=0.2499A



Luminaire: Ledil C14607\_HB-2X2-M\_(Luxeon\_MZ)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_MZ\_(LMZ7-QW57)\_(2x2)\_428.395lm@250mA\_P=2.73175W\_I=0.2500A



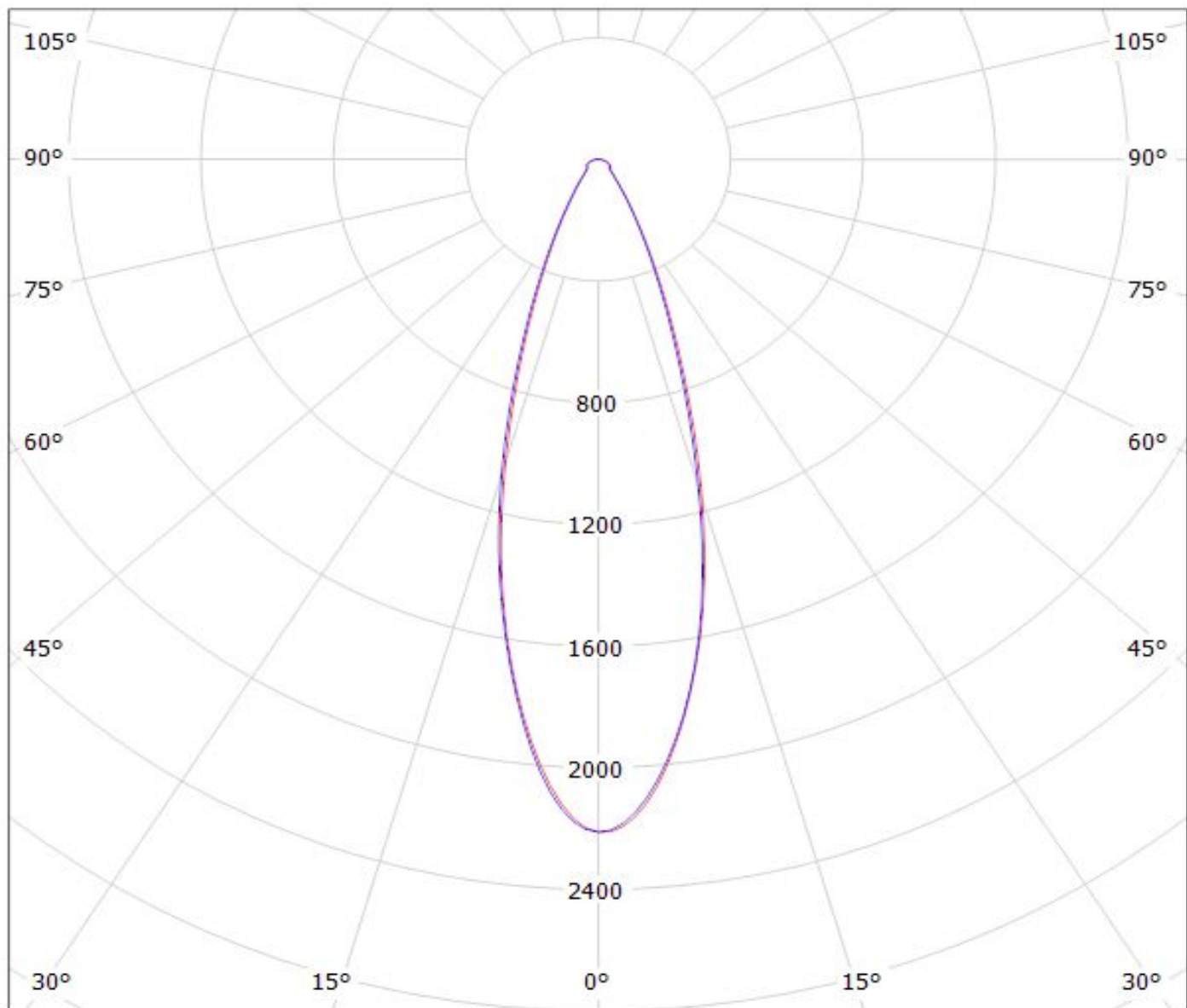
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XP-L)

Lamps: 1 x Cree\_XP-L\_(XPLAWT-1B0-V40-00-0001)\_496.74lm@250mA\_P=2.80138W\_I=0.2499A



cd/klm

— C0 - C180

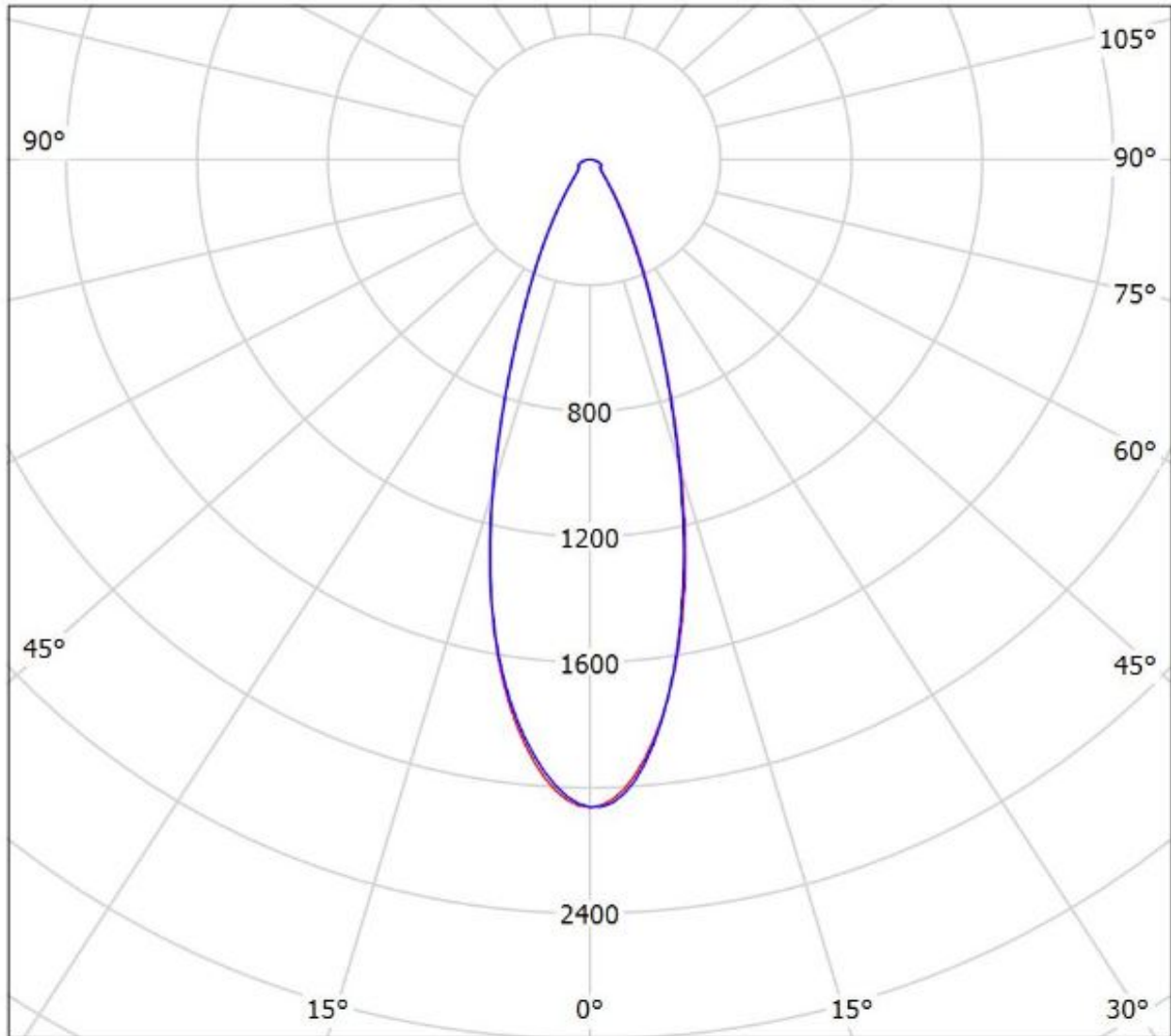
— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XM-L)

Lamps: 1 x Cree\_XM-L\_2x2\_(XMLAWT-00-0000-000LT20E7)\_334.631lm@250mA\_P=2.75215W\_η=0.2499A



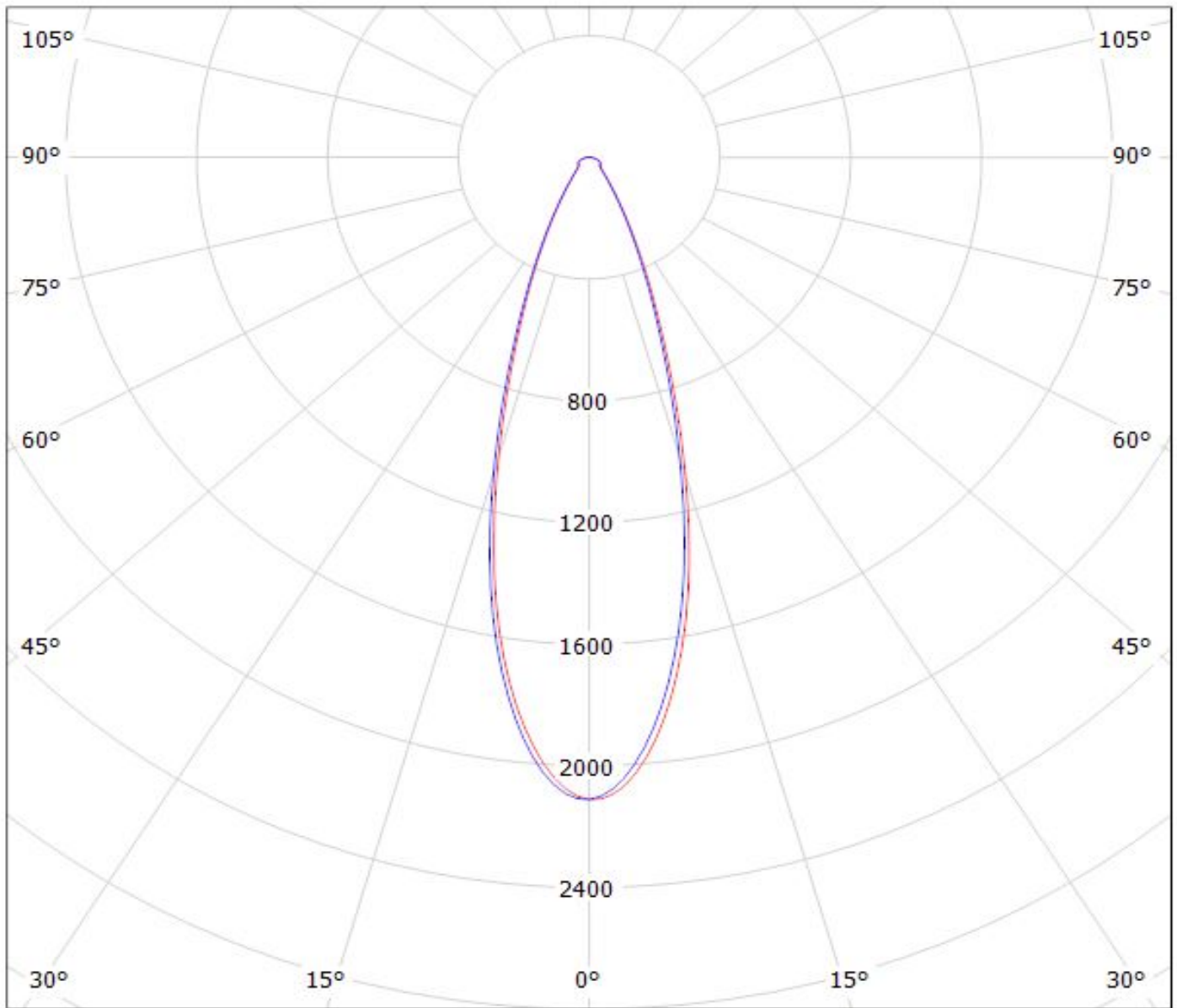
cd/klm

— C0 - C180 — C90 - C270

η = 93%

Luminaire: LEDiL Oy C14607\_HB-2X2-M\_(XM-L2)

Lamps: 1 x Cree\_XM-L2\_2X2\_(XMLBWT-0-7B4-0L-0001)\_354.093lm@250mA\_P=2.81687W\_I=0.2499A



cd/klm

$\eta = 92\%$

— C0 - C180

— C90 - C270

**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.**