

## DETAILS

<b>Product Number</b>	C10946_FLARE-B
<b>Family</b>	Flare
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	29 x 23 mm
<b>Height</b>	12,69 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	20/05/2016



## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E	12+96 deg	REC-class	94 %	-	-
XP-G	14+112 deg	REC-class	95 %	-	-
XB-D	10+108 deg	REC-class	93 %	1.520	-
XP-E2	sim: 18+108	REC-class	sim: 94 %	sim: 1.590	-
XP-G2	sim: 22+108	REC-class	sim: 94 %	sim: 1.370	-
LUXEON Rebel ES	12+104 deg	REC-class	94 %	1.370	-
LUXEON Rebel	11+93 deg	REC-class	94 %	-	-
NCSxx19A	9+88 deg	REC-class	94 %	-	-
Oslo SSL 80	9+88 deg	REC-class	95 %	-	-
Oslo SSL 150	9+117 deg	REC-class	93 %	1.600	-
LH351Z	14+106 deg	REC-class	94 %	1.900	-
Z5	12+96 deg	REC-class	-	-	-
Double Dome (GM2BB)	11+104 deg	REC-class	-	-	-

D

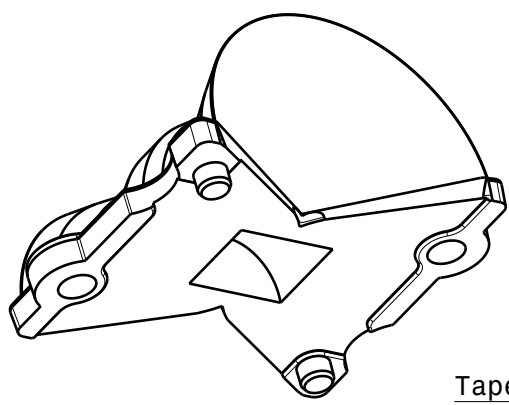
C

B

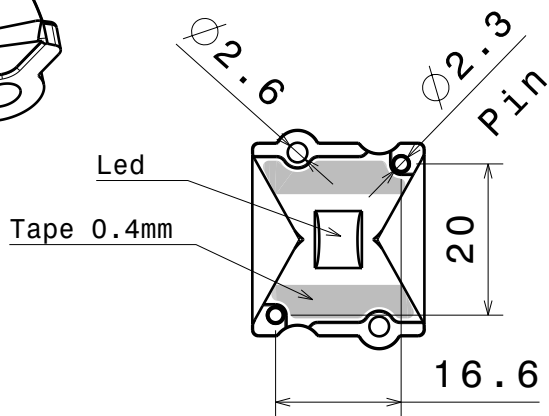
A

4

4



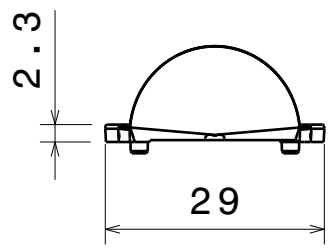
Isometric view  
2:1



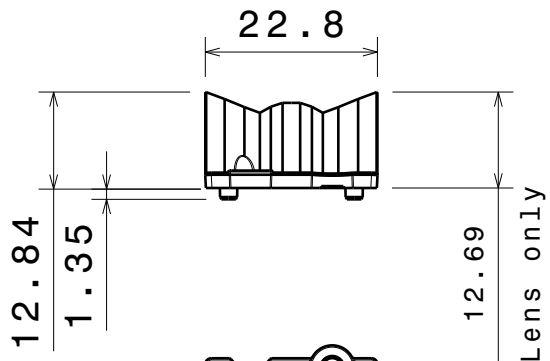
Bottom view

3

3



Right view

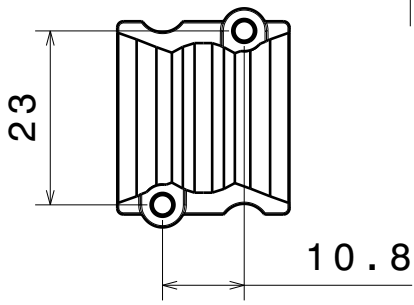


Front view

Part no.s:  
CA10932\_Flare-B

Part no. without tape fastening:  
C10946\_Flare-B

MATERIALS  
Lens: PMMA  
Tape: PU Foam



Top 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

<b>LEDiL</b>	Ledil Oy Salorankatu 10 FIN 24240 SALO Finland		
	<b>DRAWING TITLE</b>		

THIRD ANGLE PROJECTION:

**FLARE-B series**

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<b>SIZE</b>	<b>PART NUMBER</b>	
A4		-

<b>SCALE</b> 1:1	<b>WEIGHT</b> -	<b>SHEET</b> 1/1
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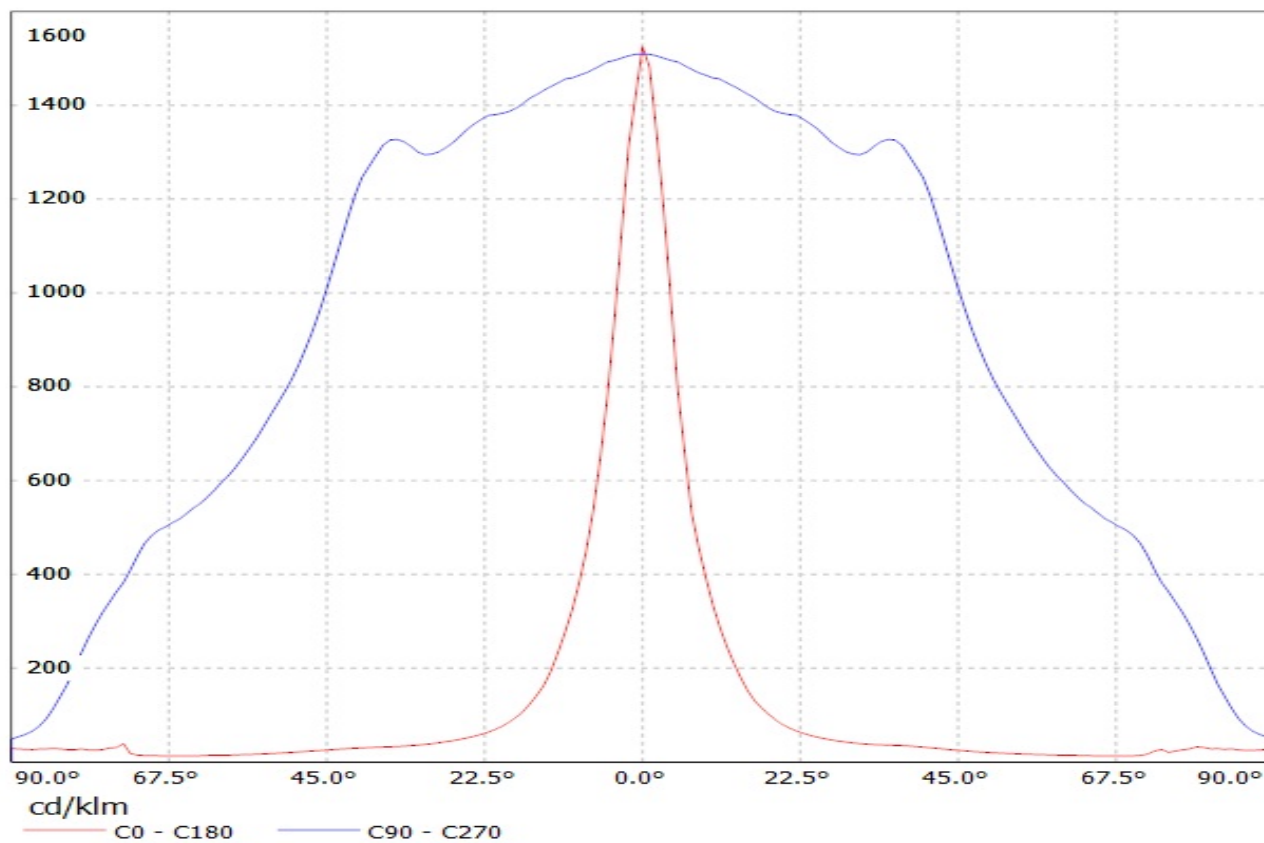
1

1

D

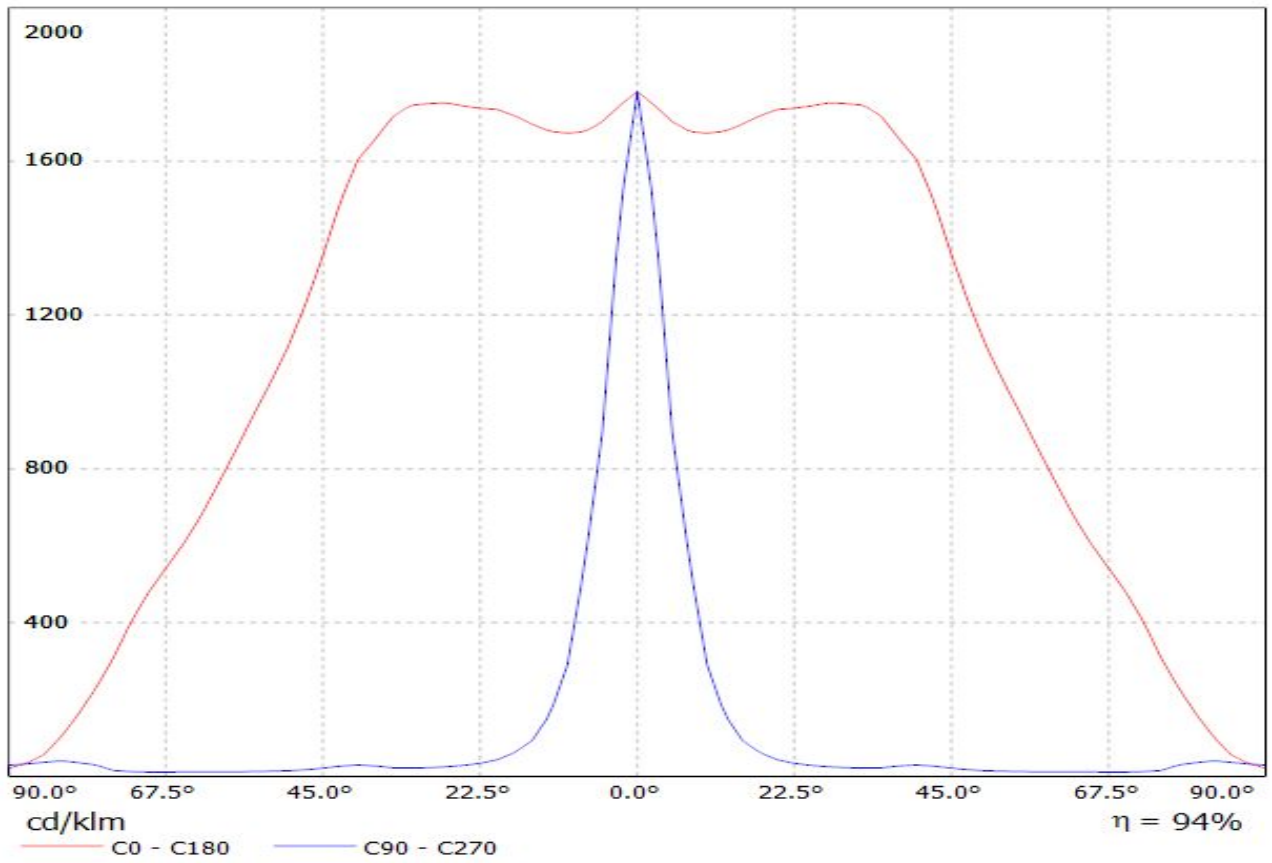
A

Luminaire: LEDIL OY C10946\_FLARE-B / CA10932\_FLARE-B (XB-D) Efficiency=93%  
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



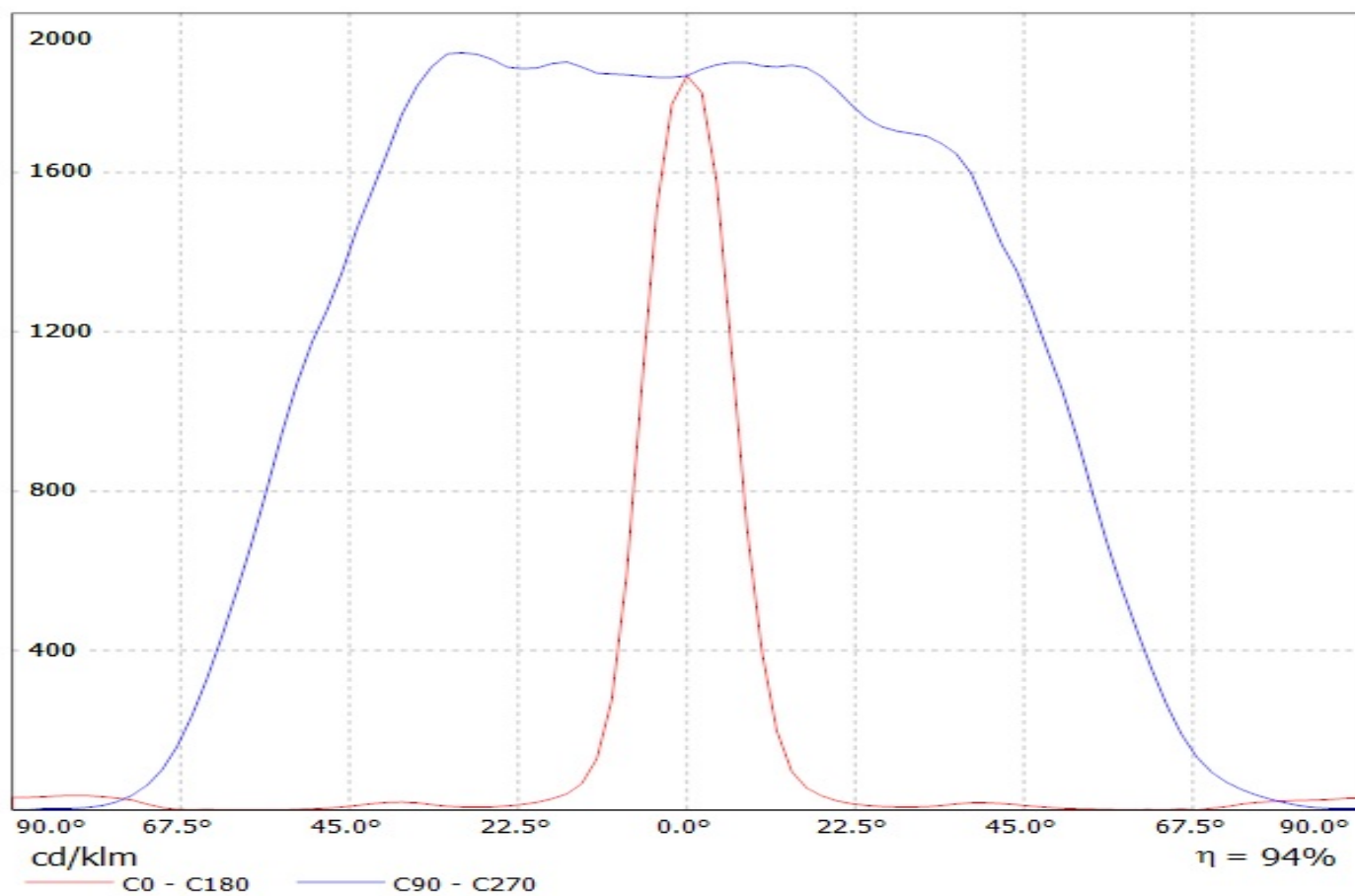
Luminaire: LEDiL Oy FLARE-B (SSL150)

Lamps: 1 x Osram\_Oslon\_SSL150\_(LCW CRUP.EC-KTLP-607Q-1)\_84lm@250mA\_P=0.745802W\_I=249.9mA

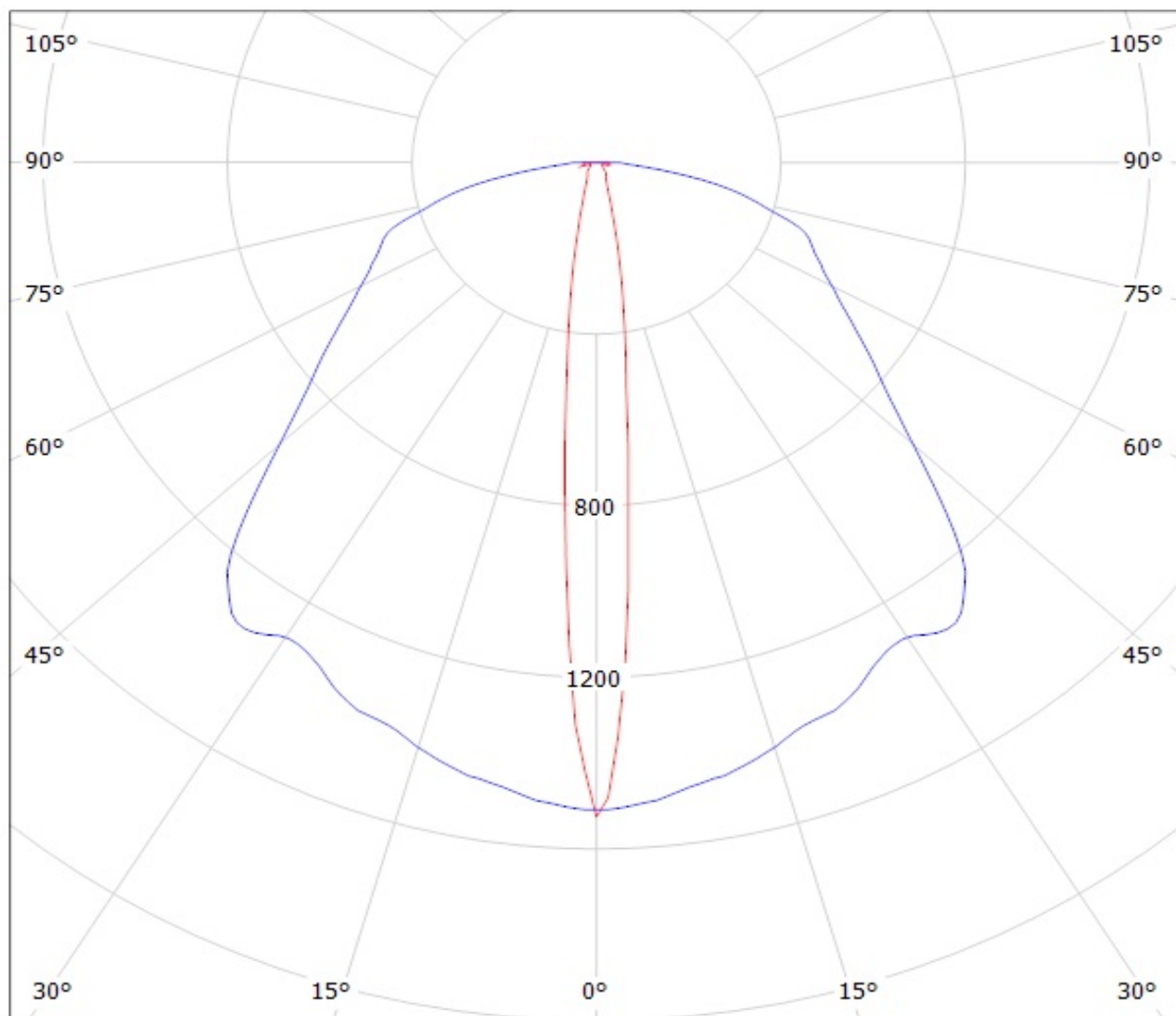


Luminaire: LEDil Oy C10946\_FLARE-B\_(LH351Z)

Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



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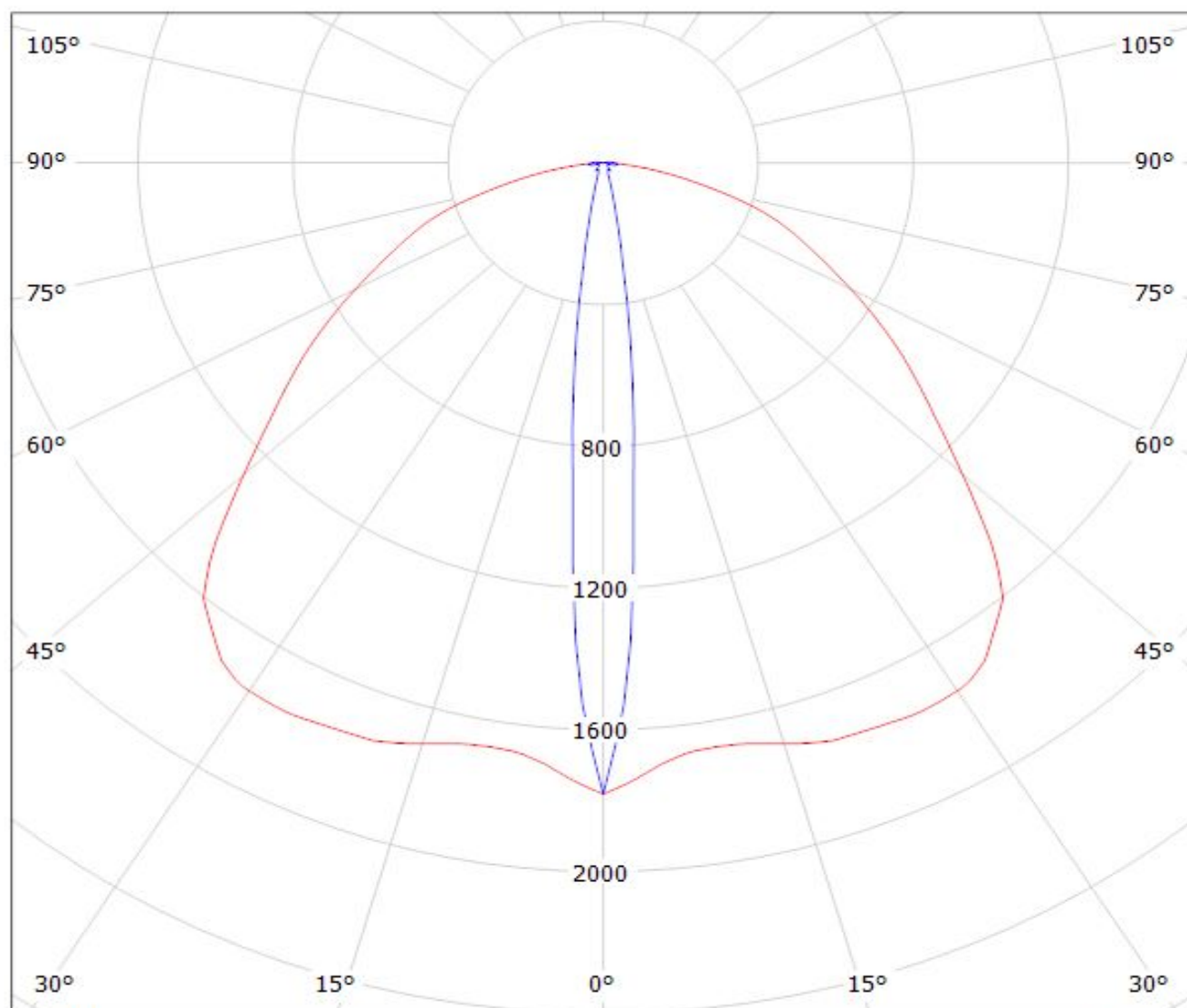


cd/klm

— C0 - C180    — C90 - C270

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cd/klm

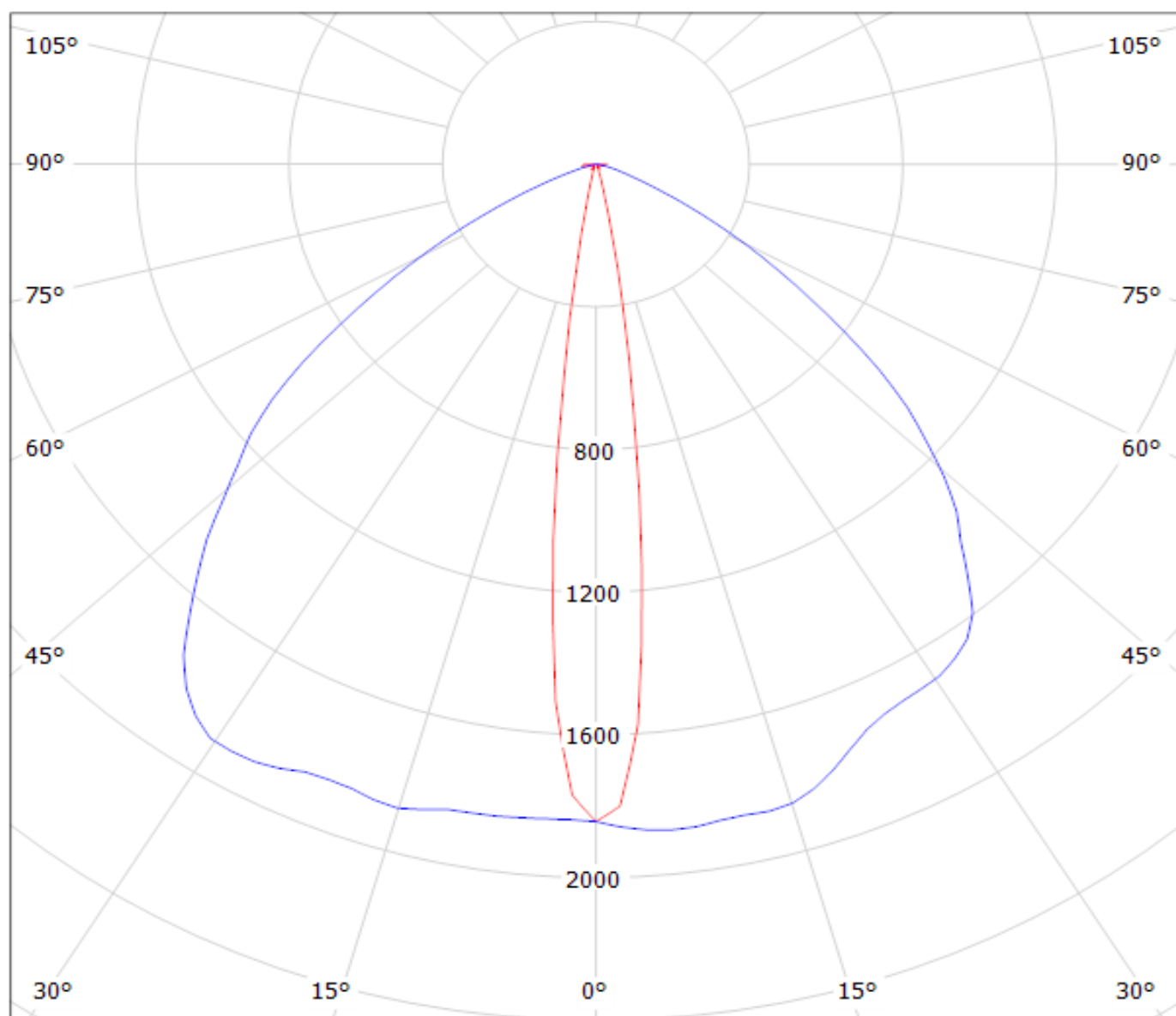
— C0 - C180

— C90 - C270

$\eta = 94\%$

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cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$



**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.**