

## DETAILS

<b>Product Number</b>	C14250_SANDRA-12-O
<b>Family</b>	Sandra
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	67 mm
<b>Height</b>	11.1 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	18/08/2014



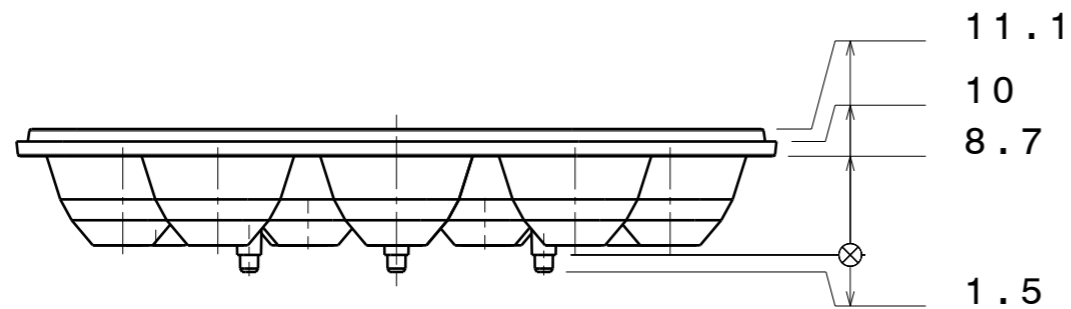
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E2	40+15 deg	Oval	91 %	3.400	-
XP-G2	42+19 deg	Oval	90 %	2.800	-

H G F E D C B A

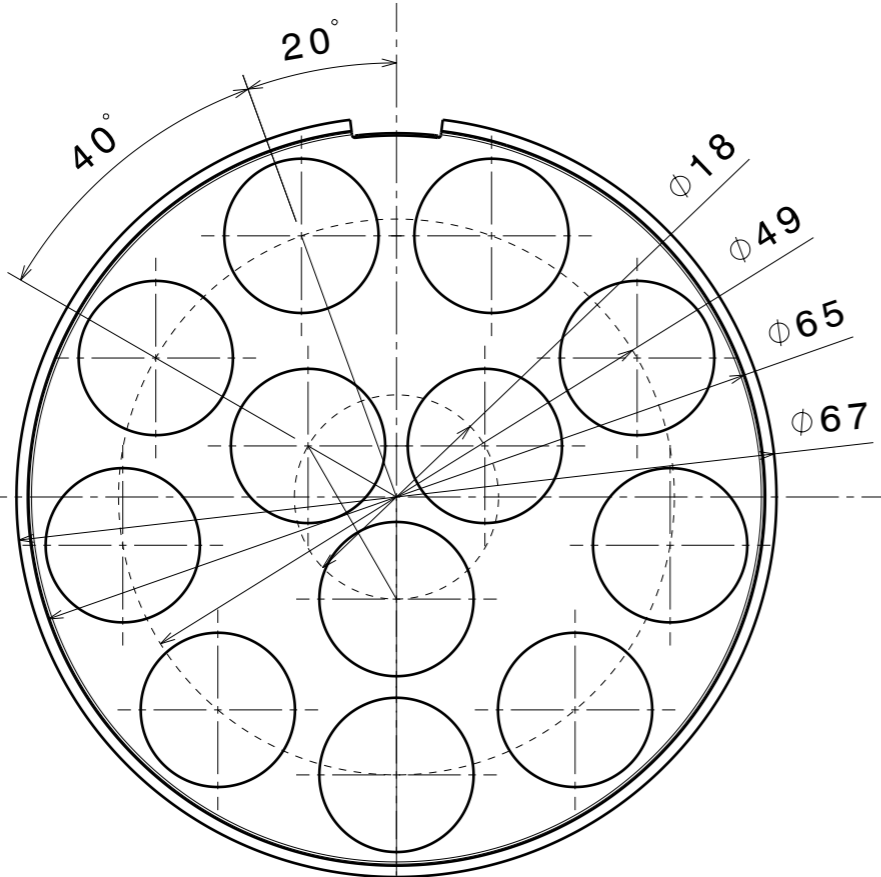
4

Front view



3

Top view

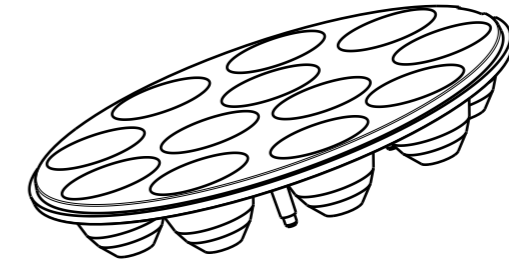
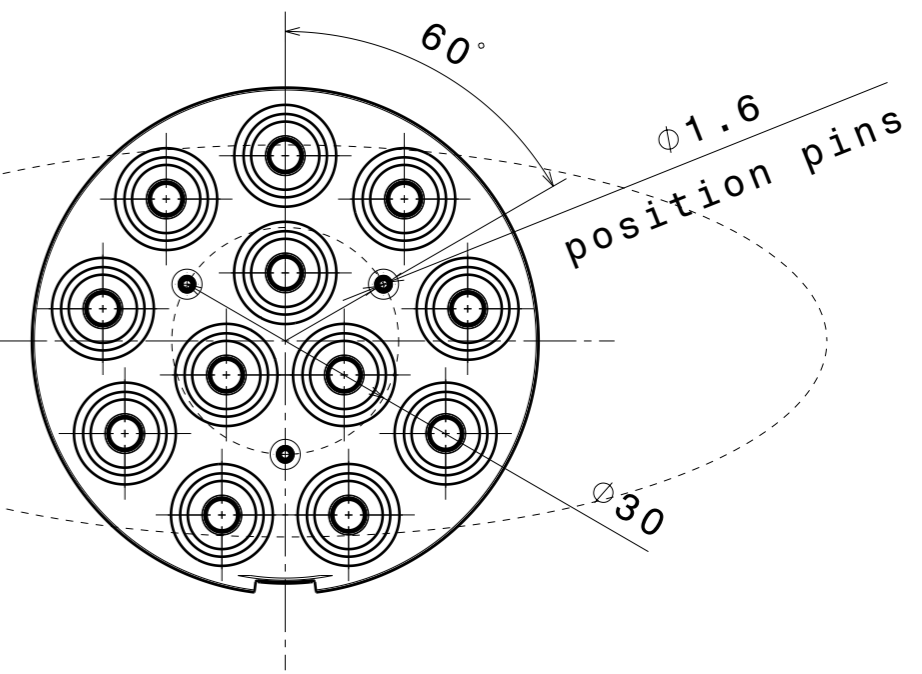


2

Beam direction

Bottom view

Isometric view



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14250	SANDRA-12-0	PMMA 8N	clear

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** LediL Oy  
 Salorankatu 10  
 FIN 24240 SALO  
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**C14250\_SANDRA-12-0**

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SIZE PART NUMBER  
**A3 C14250**

SCALE 1:1 WEIGHT 18,6 g SHEET 1/1

H G B A

4

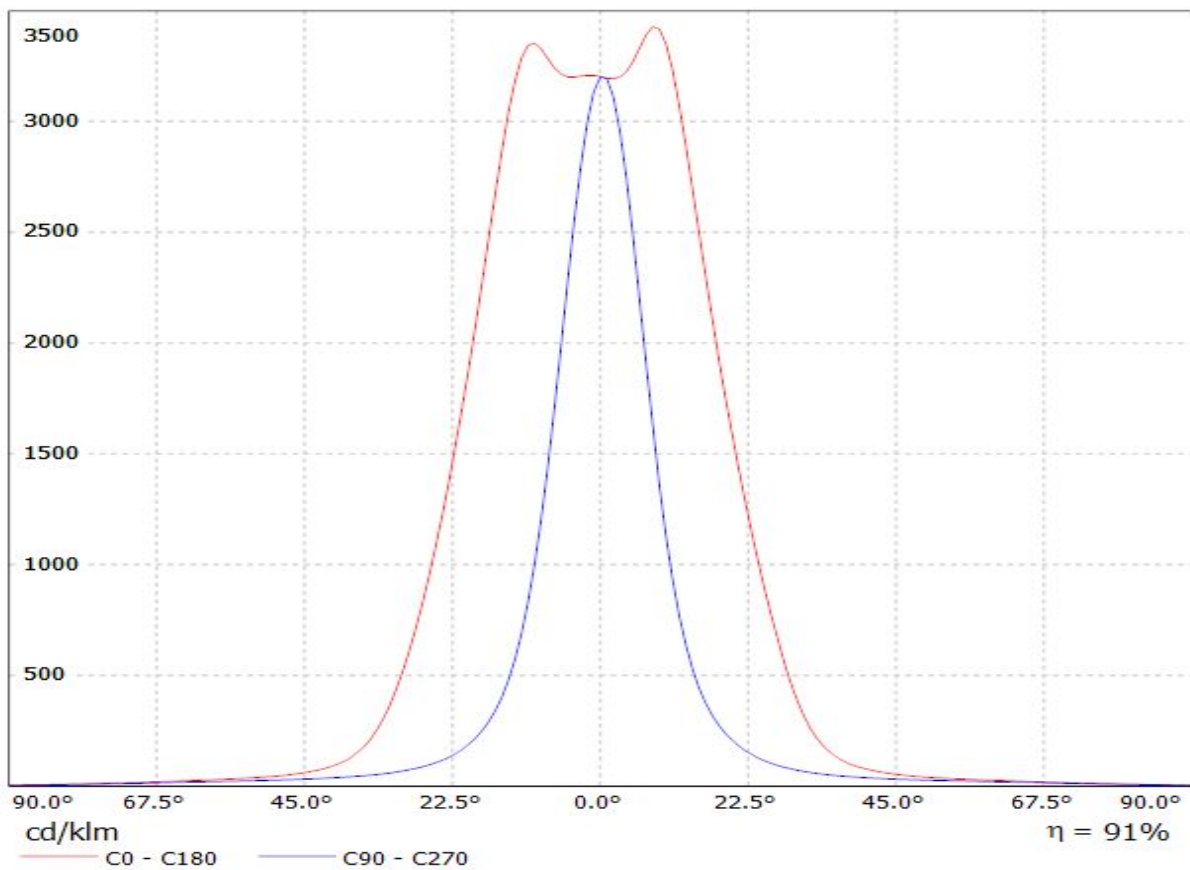
3

2

1

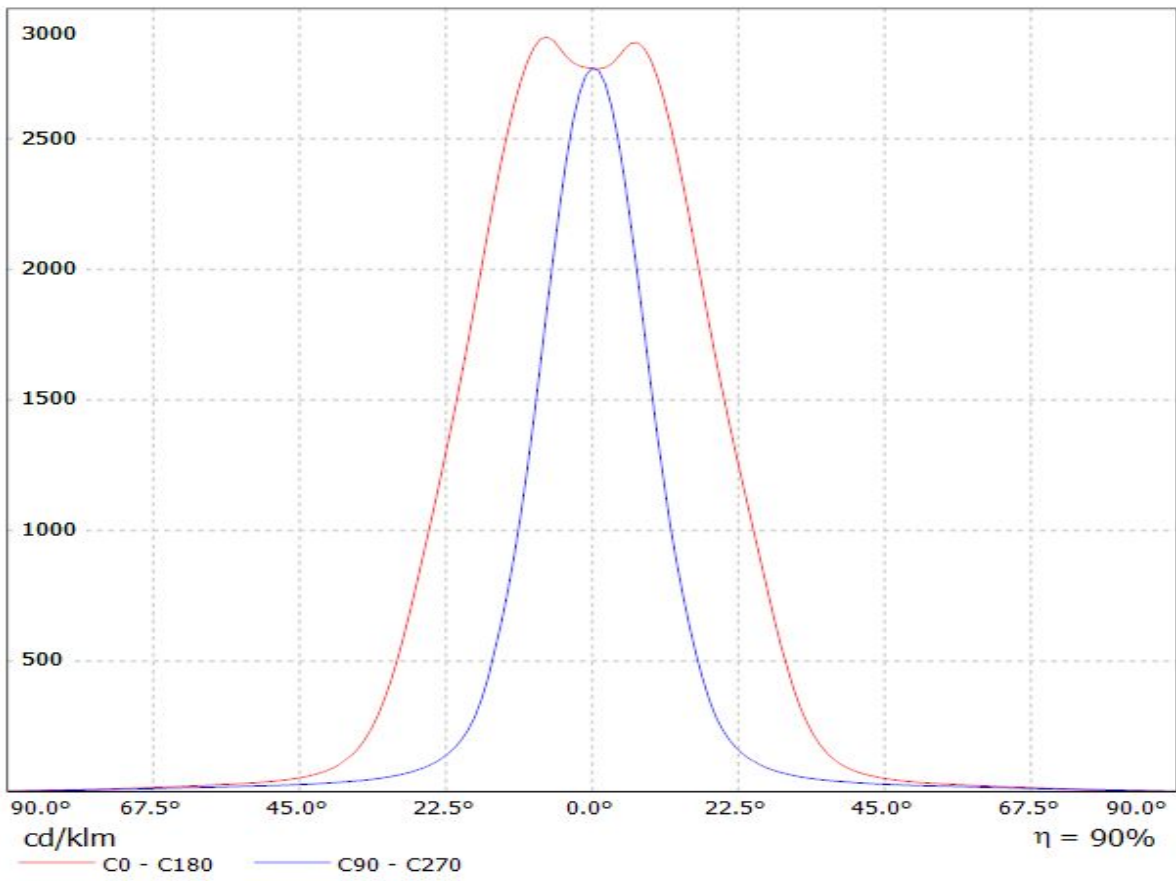
Luminaire: LEDiL Oy C14250\_SANDRA-12-O\_(XP-E2)\_1

Lamps: 1 x CREE\_XP-E2\_x12\_(XPEBWT-L1-0000-00CE7)\_1003.54lm@250mA\_CCT=3195K\_P=8.71402W\_I=249.8mA



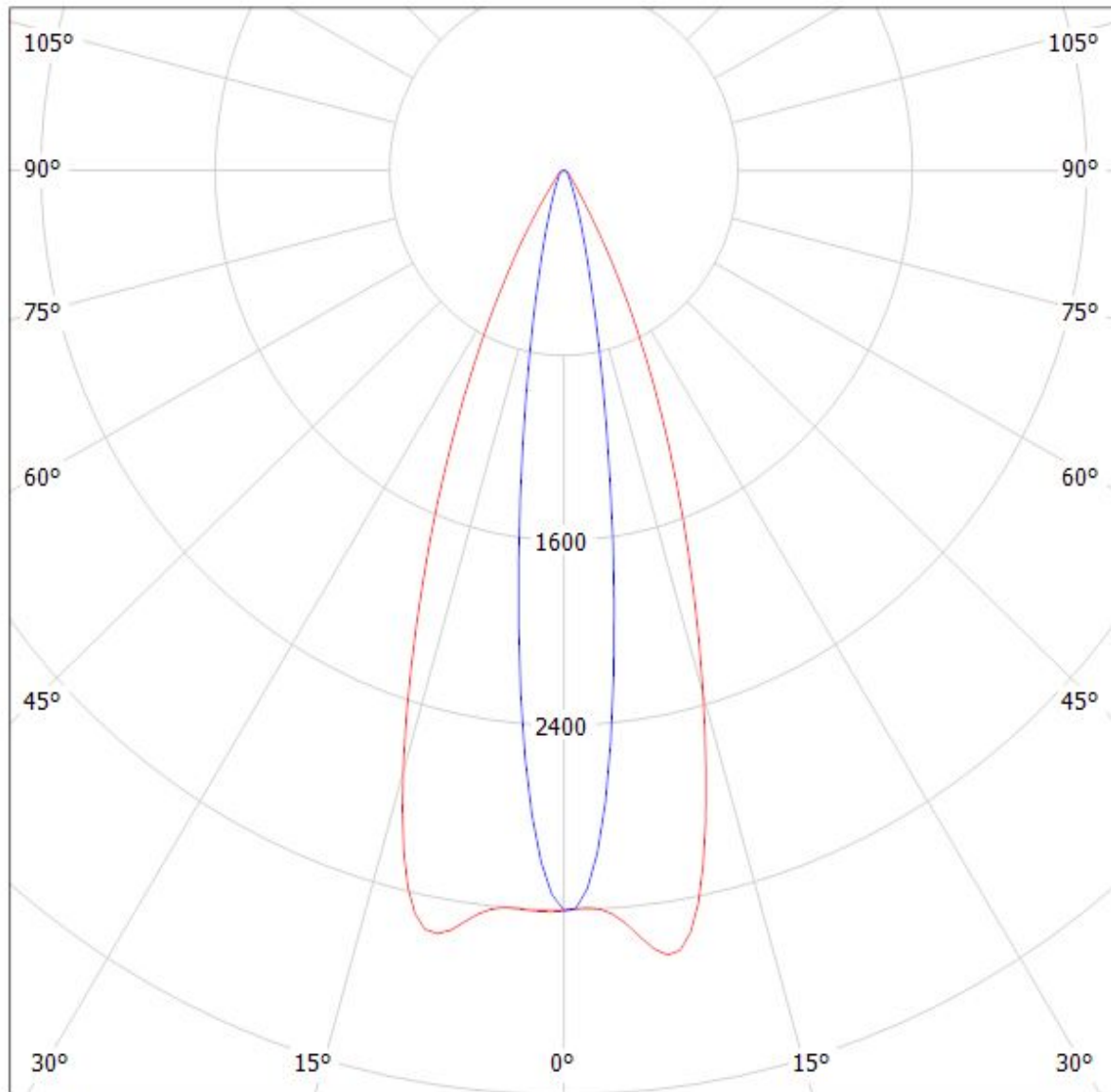
Luminaire: LEDiL Oy C14250\_SANDRA-12-O\_(XP-G2)\_2

Lamps: 1 x CREE\_XP-G2\_x12\_(XPGBWT-L1-000-00G51)\_1244.2lm@250mA\_CCT=7181K\_P=8.65204W\_I=249.9mA



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Lamps: 1 x CREE\_XP-E2\_x12\_(XPEBWT-L1-0000-00CE7)\_1003.54lm@250mA\_CCT=3195K\_P=8.71402W\_I=249.8mA



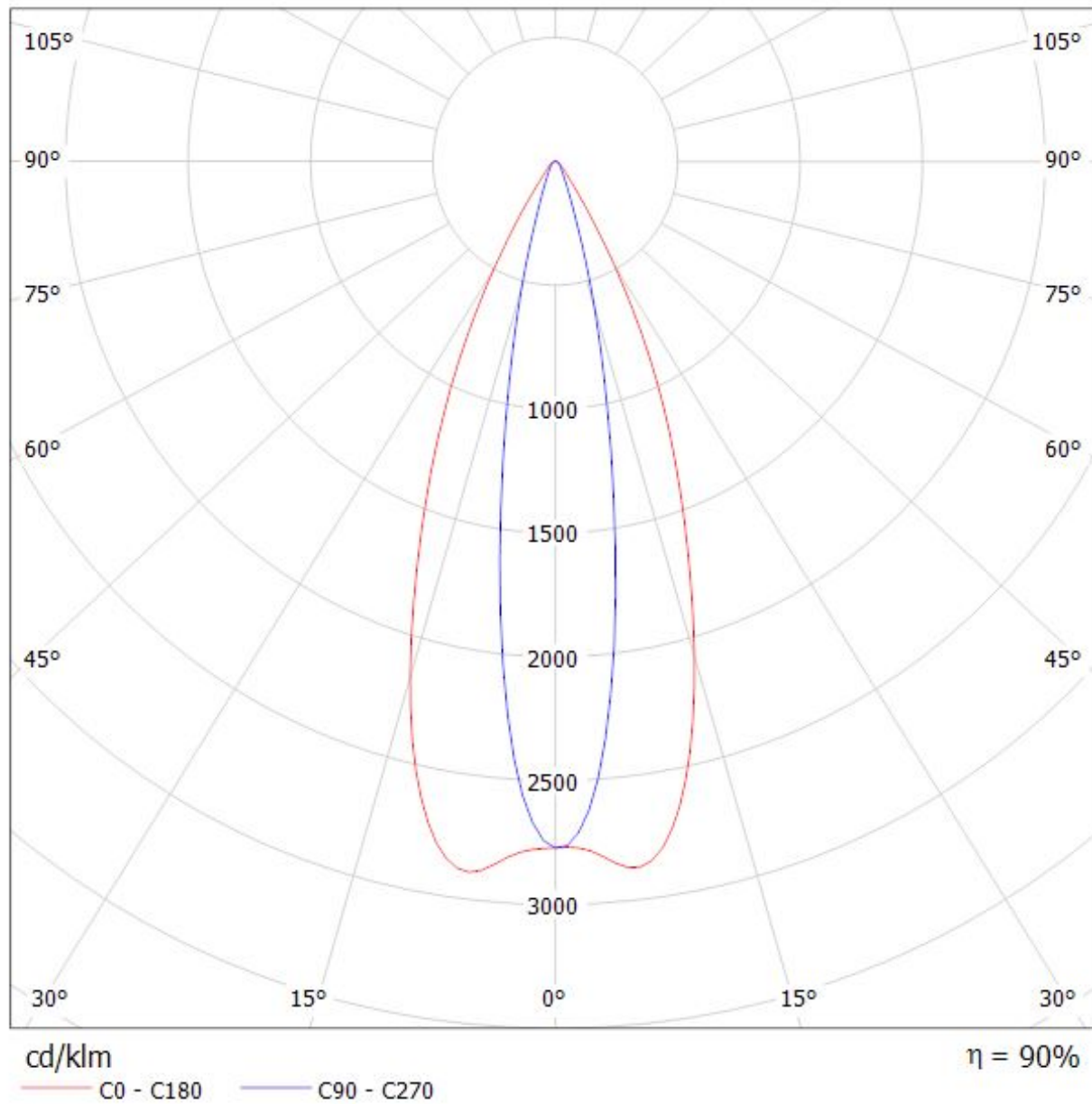
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

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Lamps: 1 x CREE\_XP-G2\_x12\_(XPGBWT-L1-000-00G51)\_1244.2lm@250mA\_CCT=7181K\_P=8.65204W\_I=249.9mA



**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.**