PRODUCT DATASHEET
Lena series
last update 30/6/2014

DETAILS



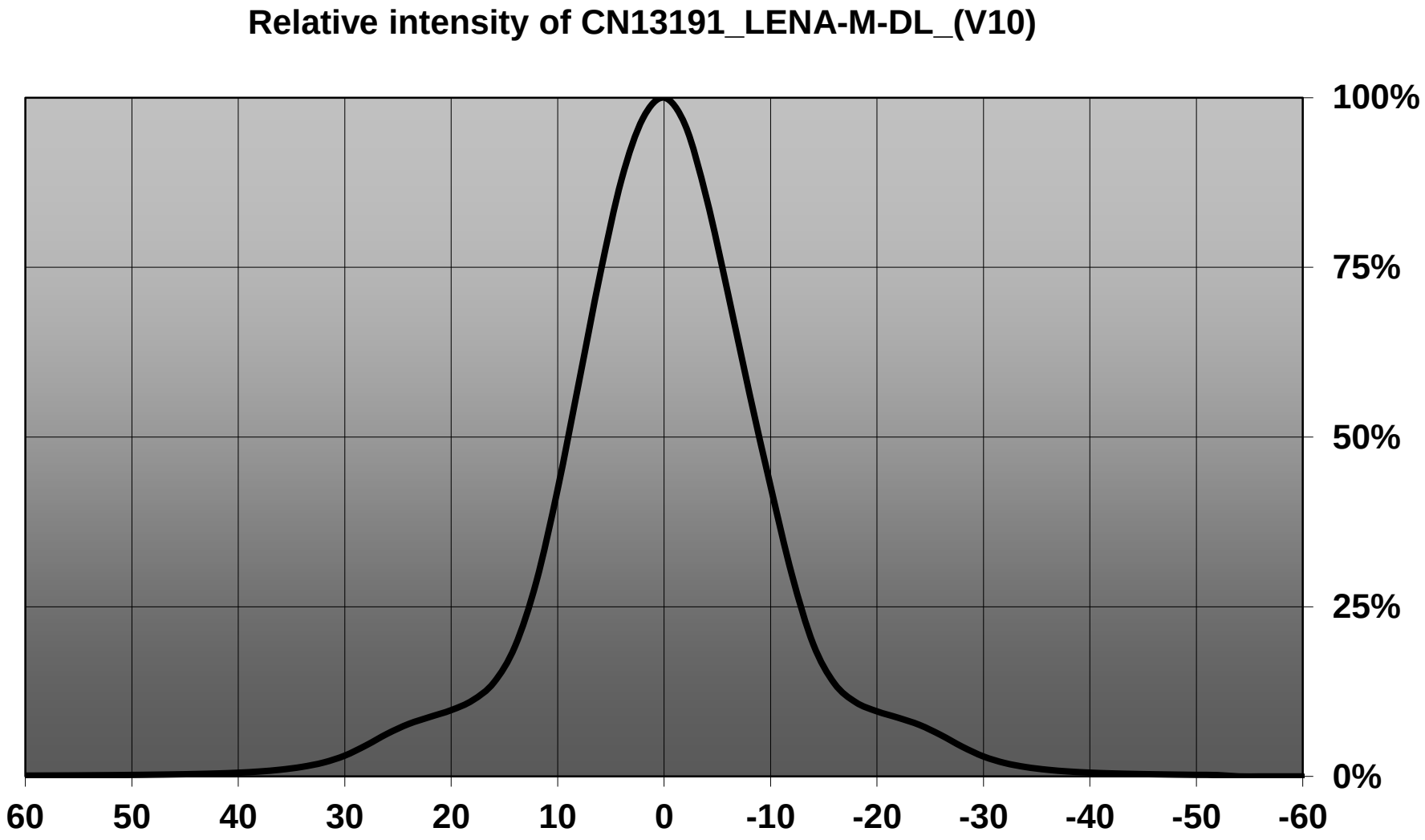
Product Number	CN13191_LENA-M-DL
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	89,1 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	screw, socket
Status	production ready
ROHS Comliant	Yes
Date Updated	30/06/2014

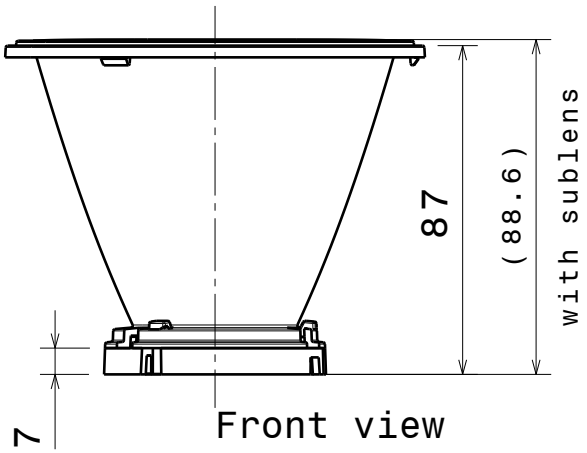
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
V10 Gen6	18 deg	Medium	75 %	5.230	-
CXA/B 15xx	17 deg	Medium	79 %	5.290	-

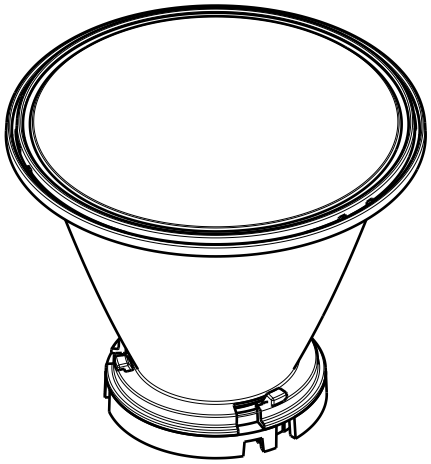
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Salorankatu 10
24240 SALO, Finland

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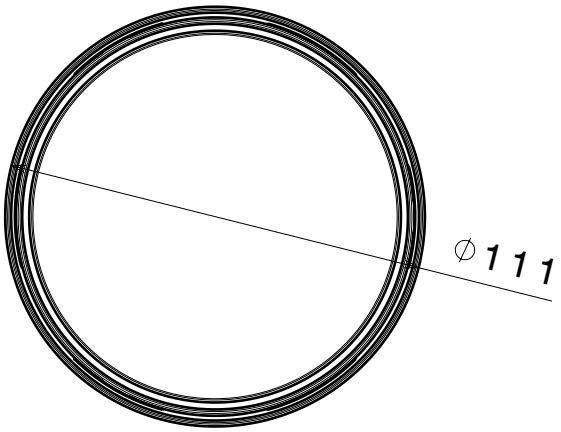

Relative intensity of CN13191_LENA-M-DL_(V10)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60



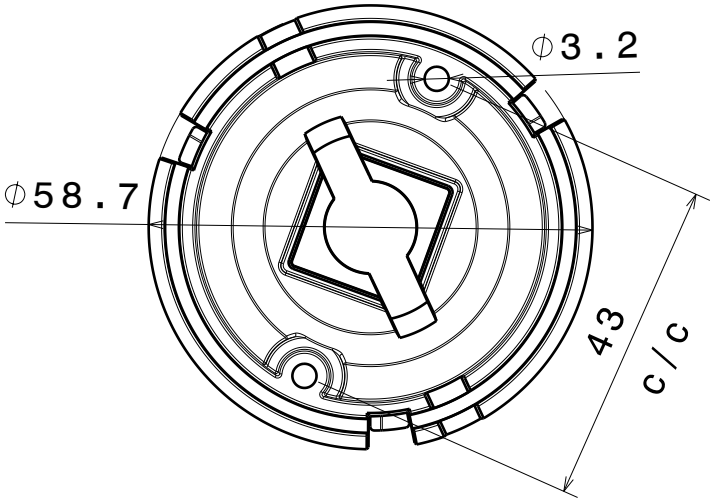
Front view



Isometric view



Top view



Materials

Reflector: PC
Base part: PC
Sublens: PC

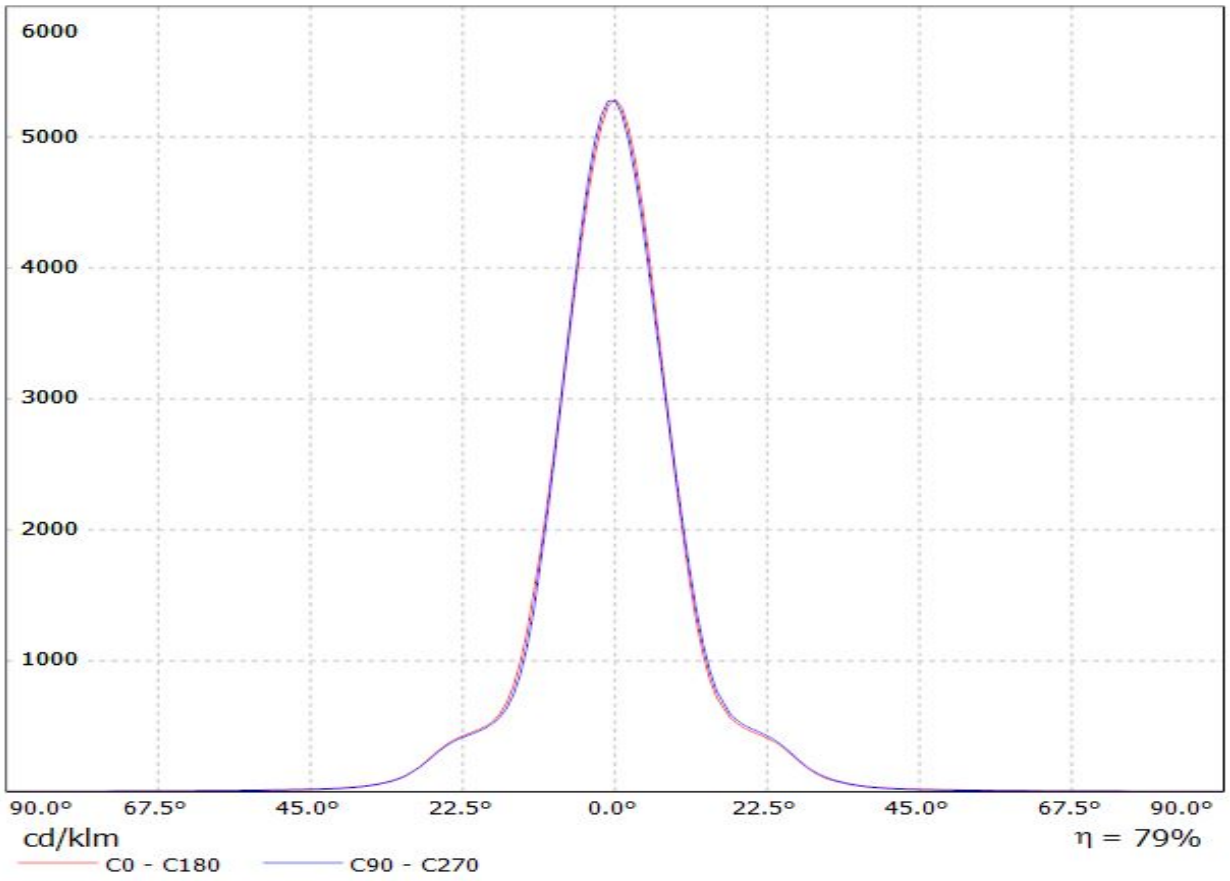
Note: using additional sublens
add 1.6mm to total height

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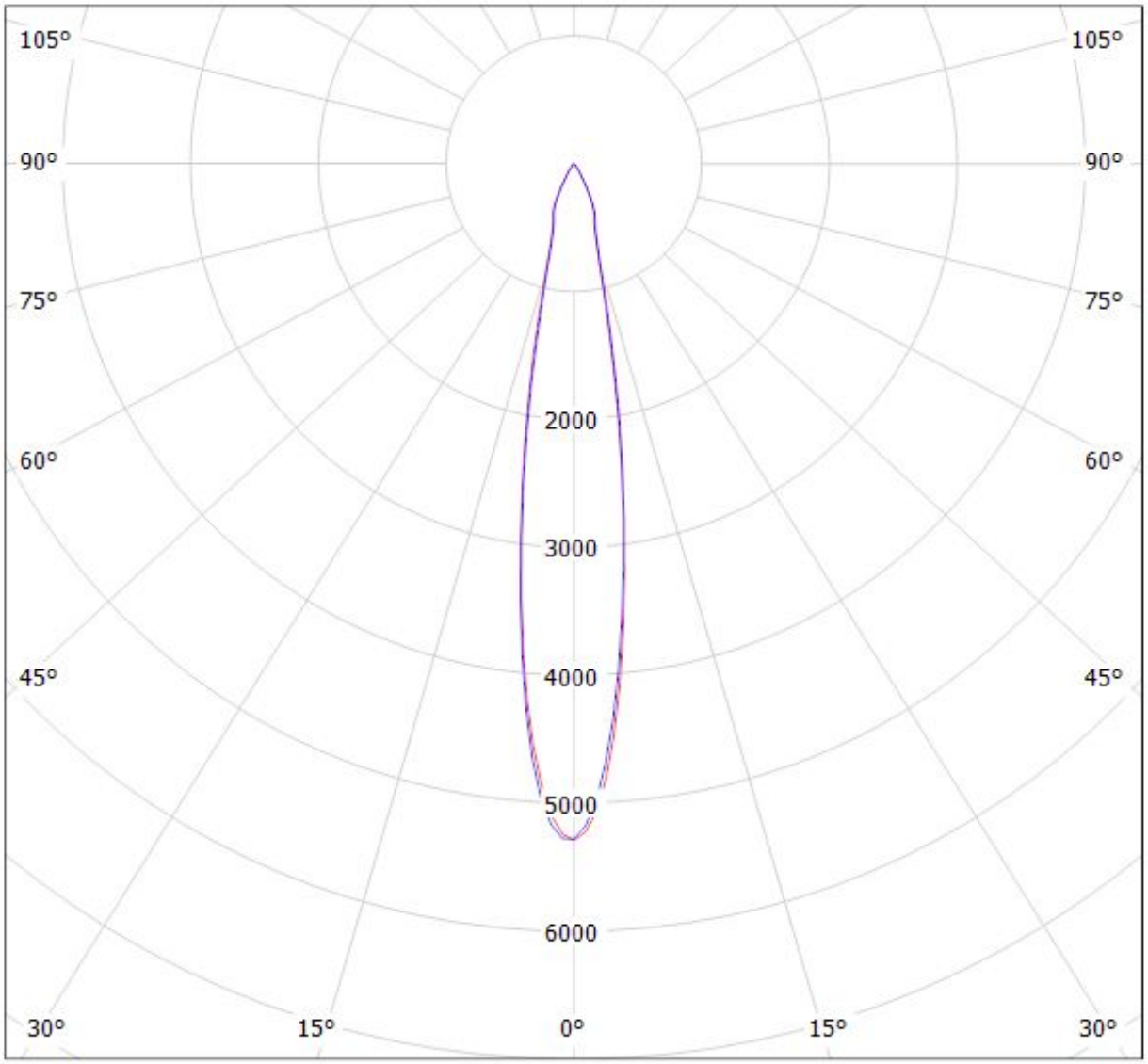
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Finland

DRAWN BY: as	DATE: 17.10.2012	DRAWING TITLE: Mechanical drawing			
		LENA-CXA15			
CHECKED BY: -	DATE: -	SIZE: A4	PART NUMBER: -		REV: 001
DESIGNED BY: as	DATE: -	SCALE: 1:2	WEIGHT: - g		SHEET: 1/1

Luminaire: LEDiL Oy CN13191_LENA-M-DL_(CXA1520) Eff.82.1
Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA



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cd/klm

η = 79%

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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.