

LISA2-M-PIN

~20° medium beam. 6.8 mm high variant with location pin installation.

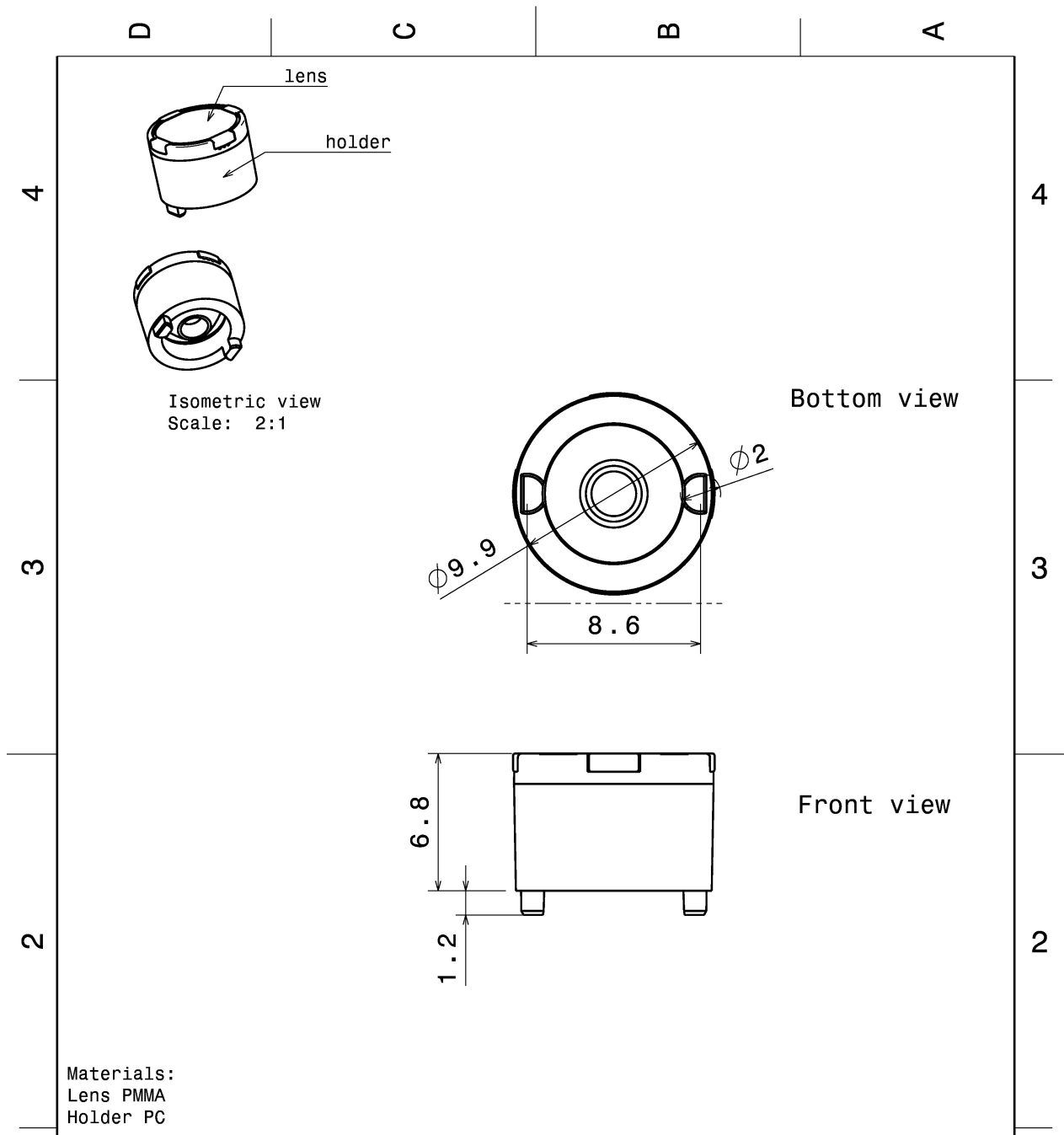
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-M	Lens	PMMA	clear
LISA2-HLD-PIN	Holder	PC	black

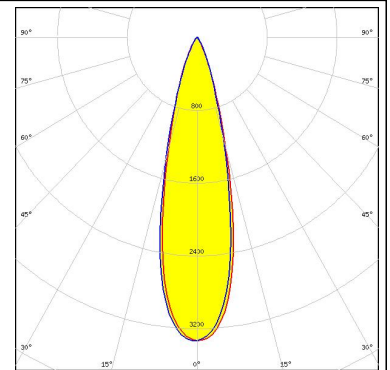


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN-24240 SALO Finland	
DRAWING TITLE		Datasheet Lisa2-Pin-XT Series Assy			
DRAWN BY p1	DATE 20.06.2012	SIZE A4	DRAWING NUMBER		REV 1
CHECKED BY	DATE	SCALE 4:1	WEIGHT (g)	SHEET 1/1	
DESIGNED BY p1	DATE 20.06.2012				

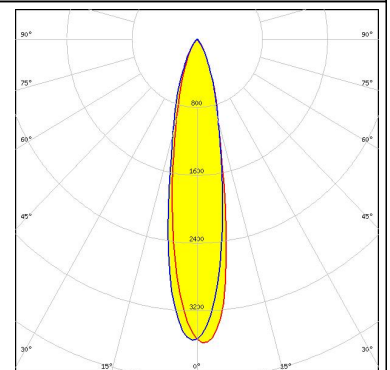
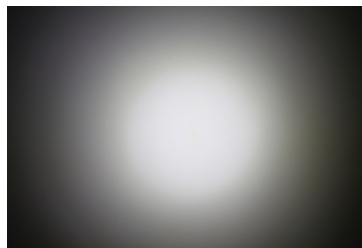
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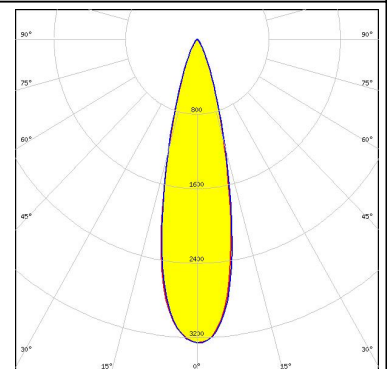
LED XP-G2
 FWHM 25.0°
 Efficiency 89 %
 Peak intensity 3.500 cd/lm
 Required components:



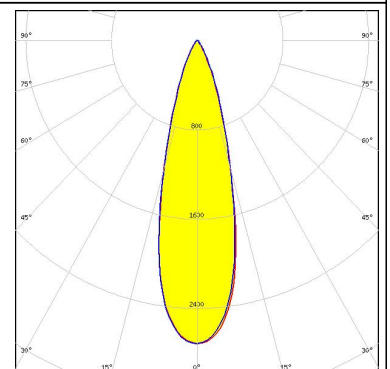
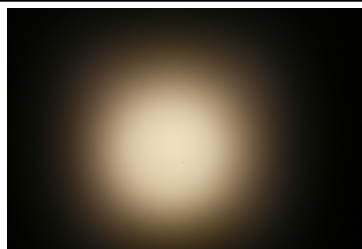
LED XP-G3
 FWHM 21.0°
 Efficiency 84 %
 Peak intensity 3.600 cd/lm
 Required components:



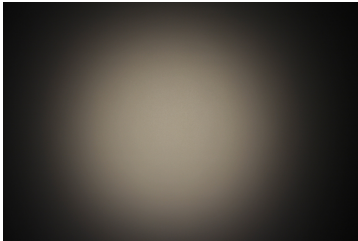
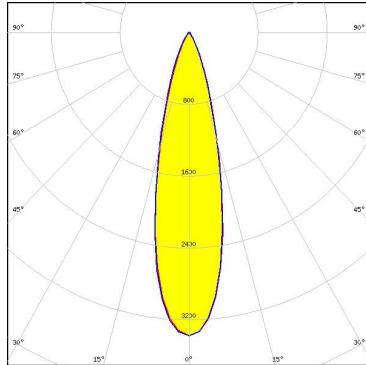
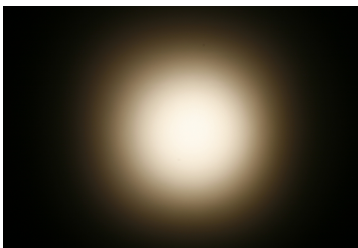
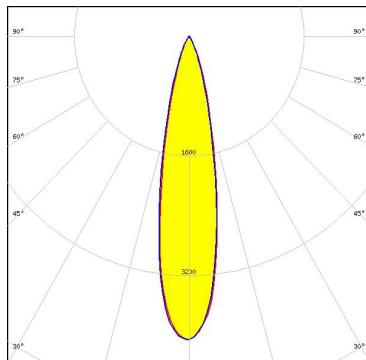

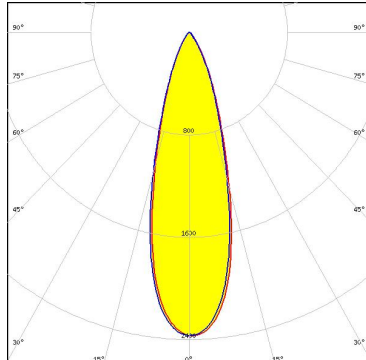
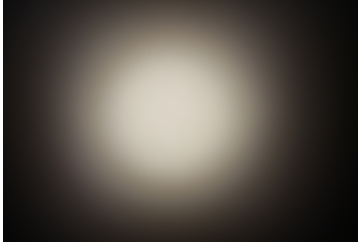
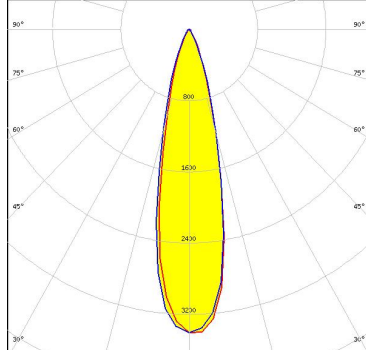
LED XT-E
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 3.260 cd/lm
 Required components:



LED LUXEON T
 FWHM 28.0°
 Efficiency 87 %
 Peak intensity 2.700 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM 26.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 3.380 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19B</p> <p>FWHM 23.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.100 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM 30.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Square EC</p> <p>FWHM 26.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.400 cd/lm</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

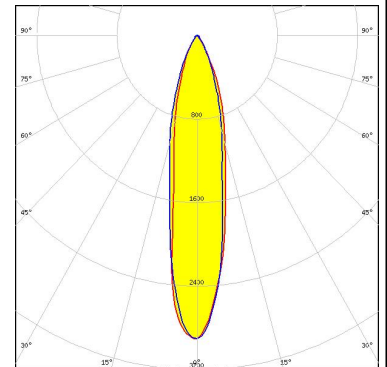
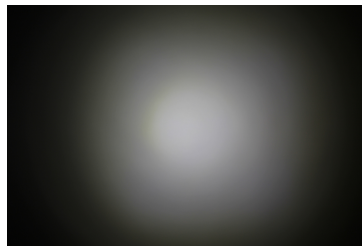
LED SFH 4715S
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 23.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

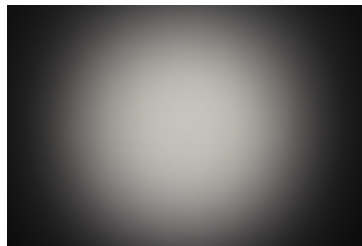
SAMSUNG

LED LH181B
FWHM 20.0°
Efficiency 78 %
Peak intensity 2.900 cd/lm
Required components:



SAMSUNG

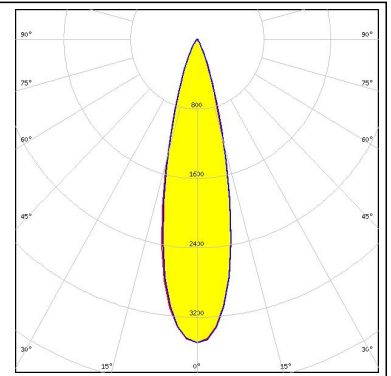
LED LH351B
FWHM 31.0°
Efficiency 87 %
Peak intensity 2.600 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH351Z
FWHM 26.0°
Efficiency 87 %
Peak intensity 3.500 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

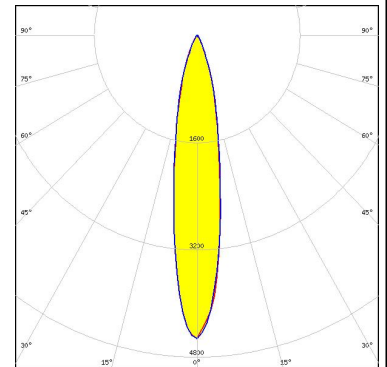
LED LUXEON IR Compact
FWHM 14.0°
Efficiency 82 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

LED LUXEON IR Domed 150
FWHM 20.0°
Efficiency 88 %
Peak intensity 0.000 cd/lm
Required components:

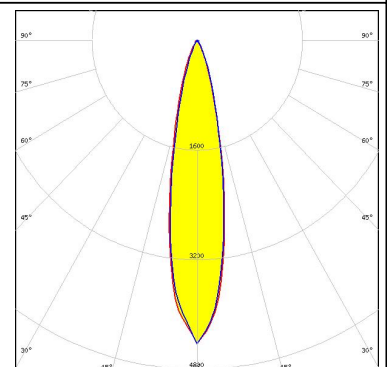
NICHIA

LED NVSxE21A
FWHM 18.0°
Efficiency 85 %
Peak intensity 4.530 cd/lm
Required components:

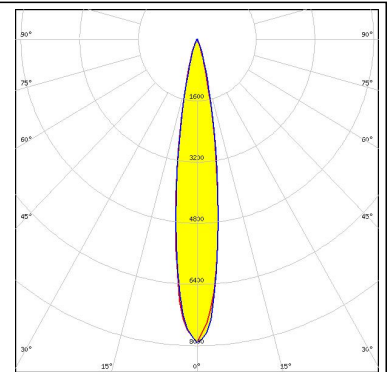
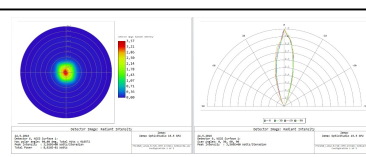
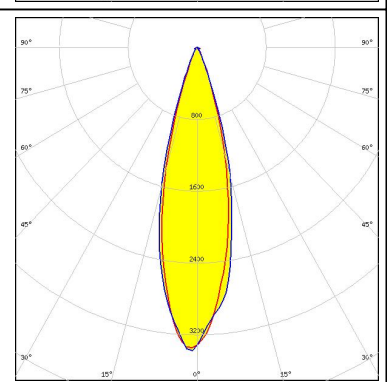
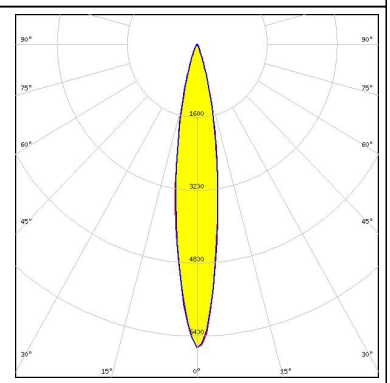
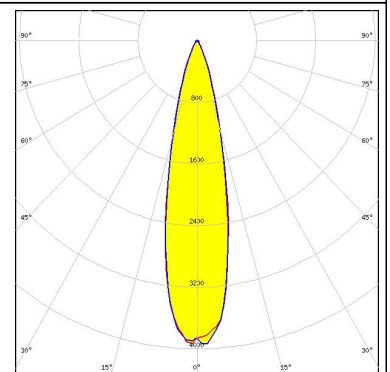


OSRAM Opto Semiconductors

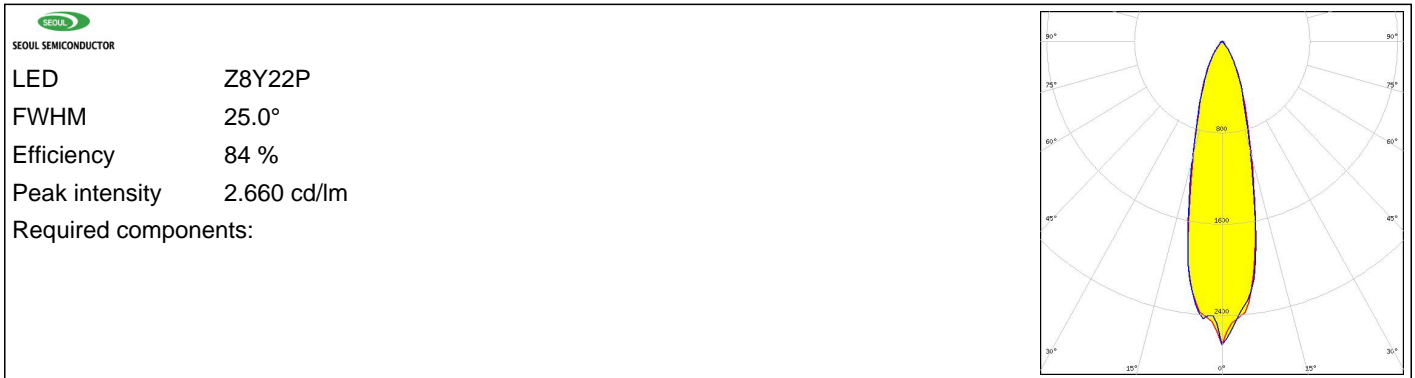
LED Oslon Square Gen3
FWHM 21.0°
Efficiency 91 %
Peak intensity 4.430 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Oslon SSL 150</p> <p>FWHM 16.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 7.900 cd/lm</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4715AS</p> <p>FWHM 26.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity cd/lm</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4716AS</p> <p>FWHM 16.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.000 cd/lm</p> <p>Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM 23.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 3.990 cd/lm</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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