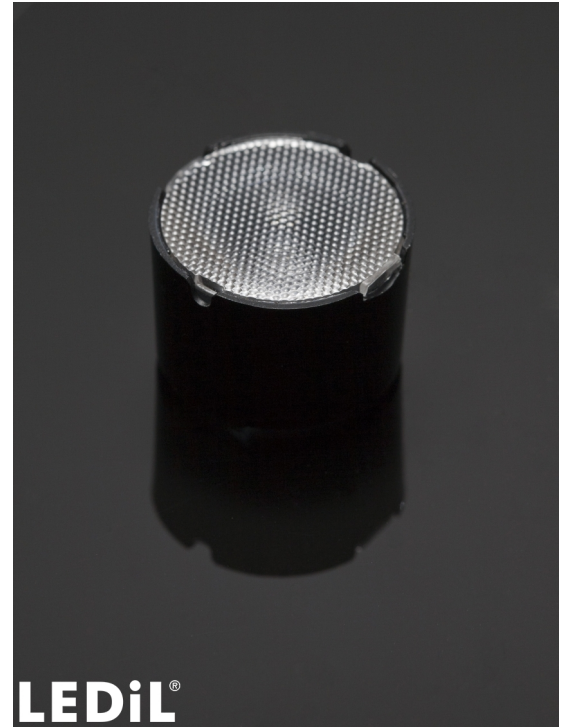


G2-LXP2-M-P

~20° medium beam with light, black holder.
Assembly with location pins and installation
tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

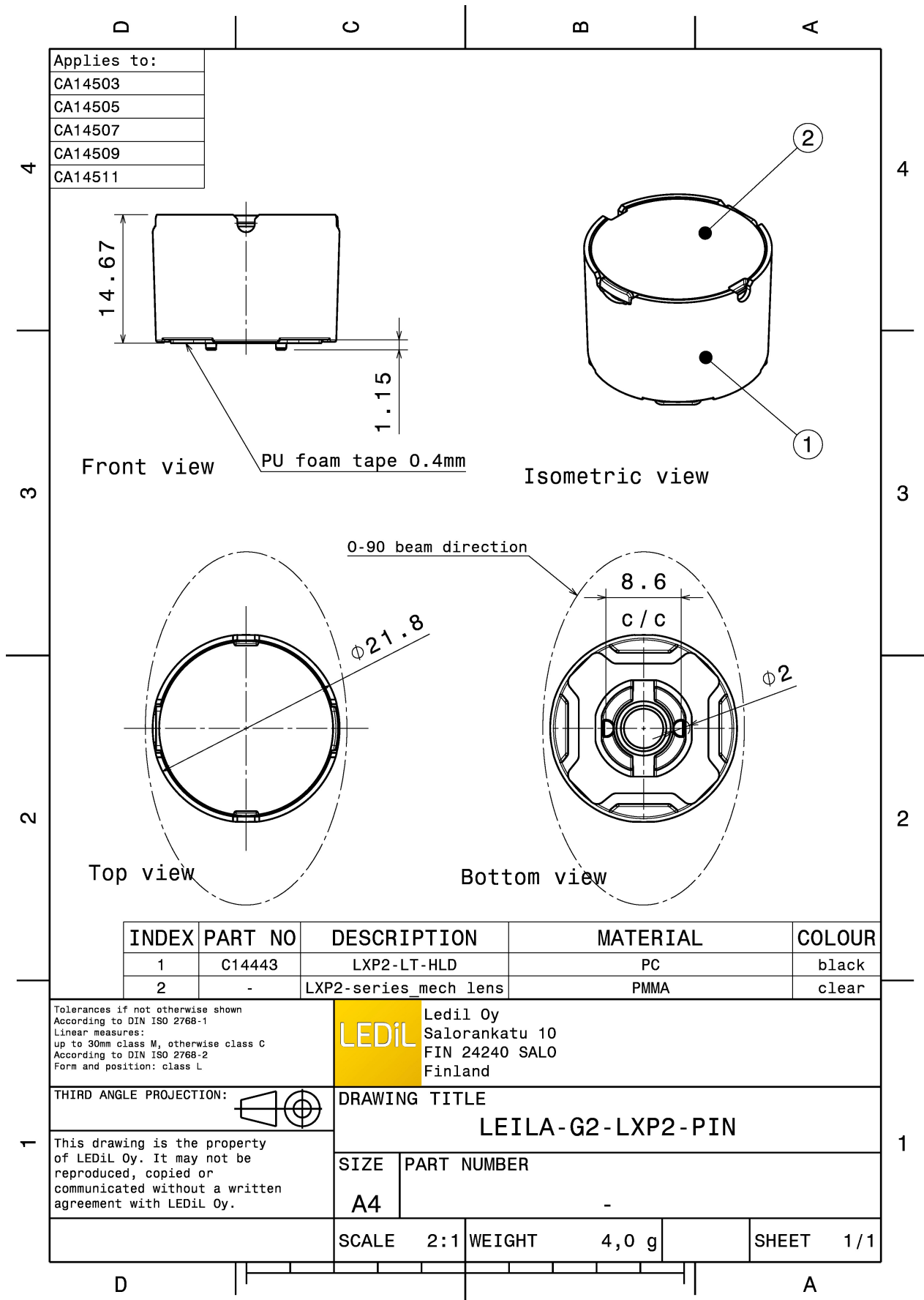


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-M	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14509_G2-LXP2-M-P	Single lens	1680	336	112	8.1
» Box size:					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	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
LEILA-G2-LXP2-PIN



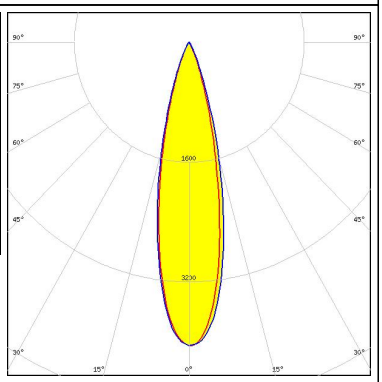

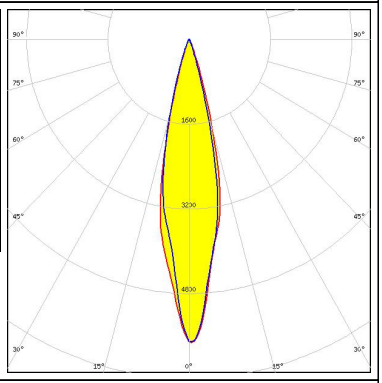
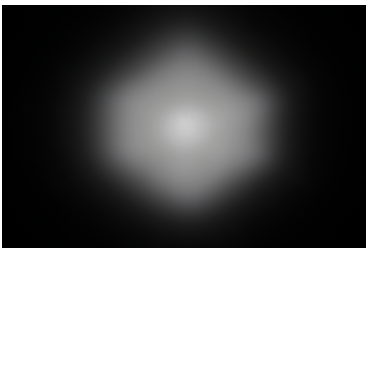
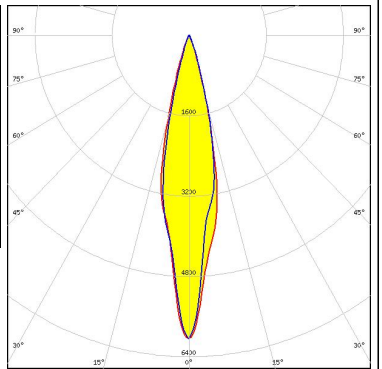
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

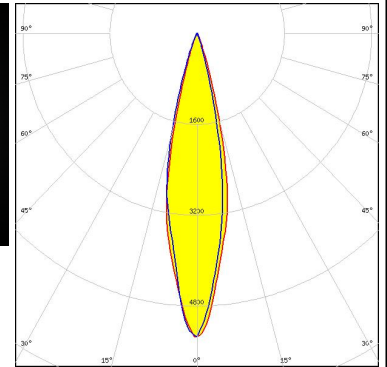
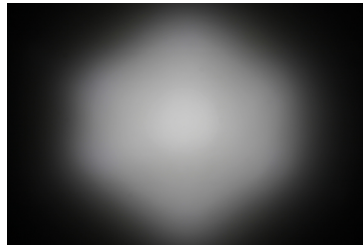
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XP-E FWHM / FWTM 22.0° / 40.0° Efficiency 88 % Peak intensity 5.2 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-L HD FWHM / FWTM 24.0° / 44.0° Efficiency 86 % Peak intensity 4.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HD FWHM / FWTM 22.0° / 37.0° Efficiency 86 % Peak intensity 5.8 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HI FWHM / FWTM 21.0° / 37.0° Efficiency 85 % Peak intensity 6.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

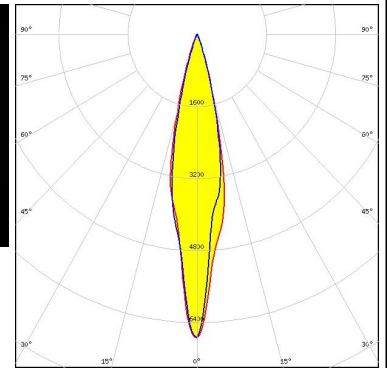
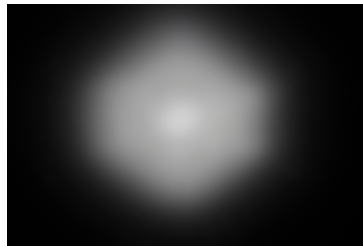
LUMILEDS

LED LUXEON C
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 82 %
 Peak intensity 5.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



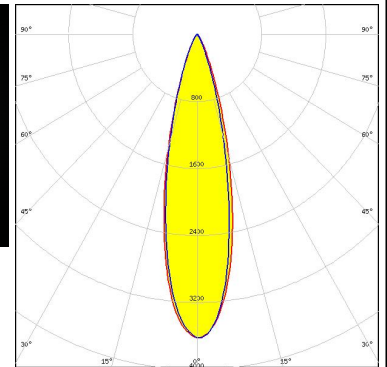
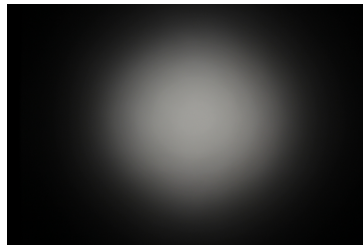
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 89 %
 Peak intensity 6.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



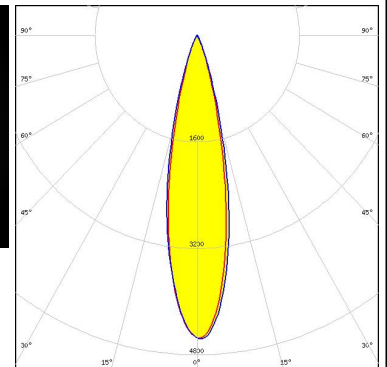
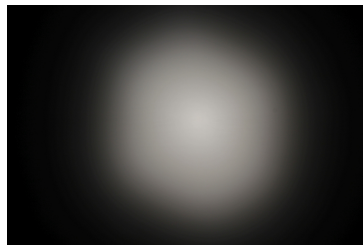
LUMILEDS

LED LUXEON V
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:


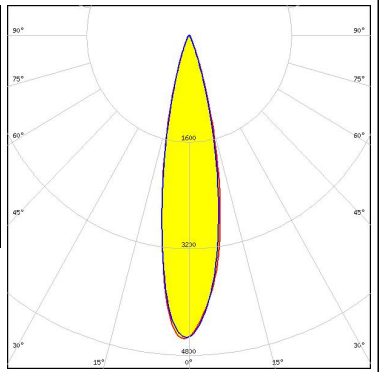

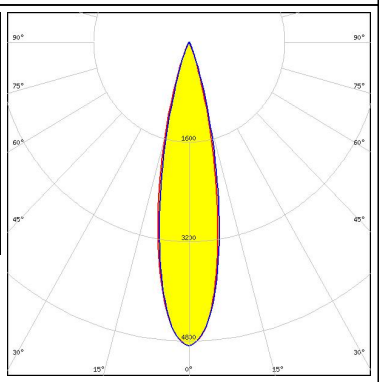

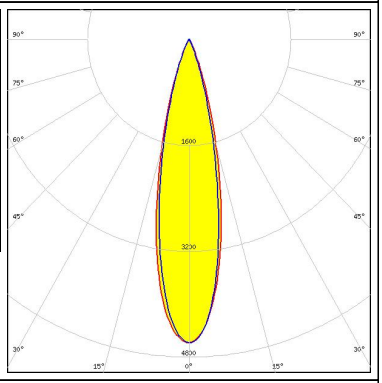

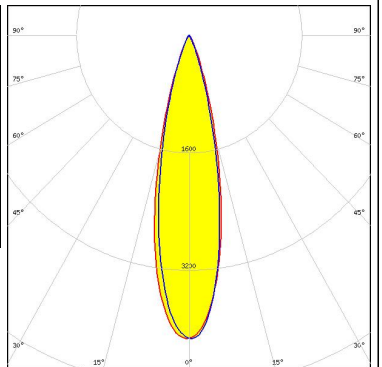


LUMILEDS


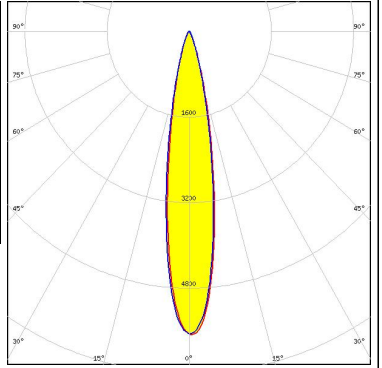

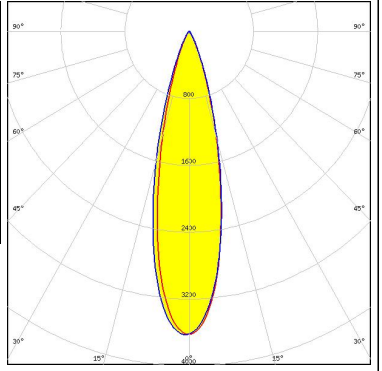
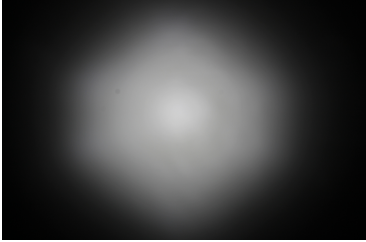
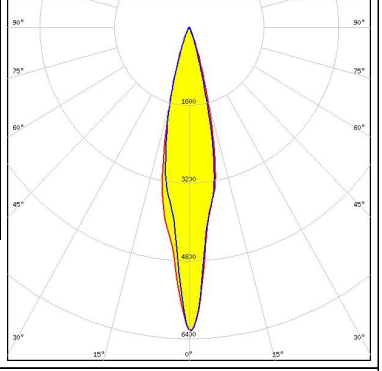
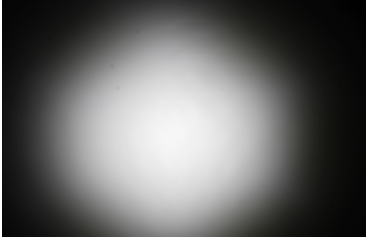
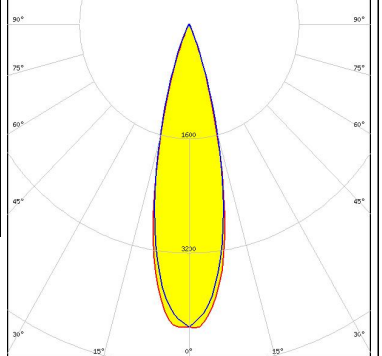
LED LUXEON V2
 FWHM / FWTM 23.0° / 41.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19A FWHM / FWTM 22.0° / 40.0° Efficiency 86 % Peak intensity 4.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 23.0° / 40.0° Efficiency 90 % Peak intensity 4.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW319B FWHM / FWTM 24.0° / 43.0° Efficiency 90 % Peak intensity 4.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 24.0° / 44.0° Efficiency 86 % Peak intensity 4.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

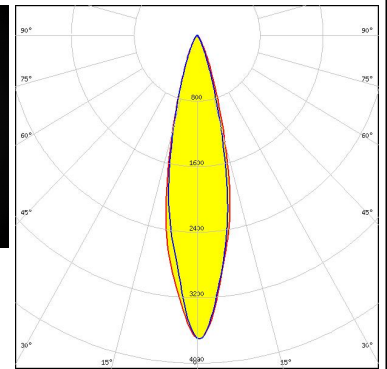
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 18.0° / 37.0° Efficiency 86 % Peak intensity 5.7 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NWSx229A FWHM / FWTM 25.0° / 47.0° Efficiency 86 % Peak intensity 3.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Black Flat FWHM / FWTM 20.0° / 38.0° Efficiency 87 % Peak intensity 6.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 24.0° / 41.0° Efficiency 90 % Peak intensity 5.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

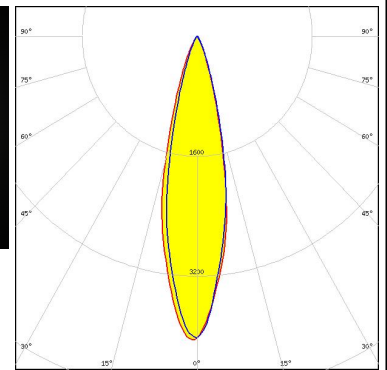
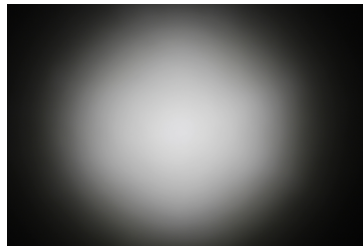
SAMSUNG

LED LH181A
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 80 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



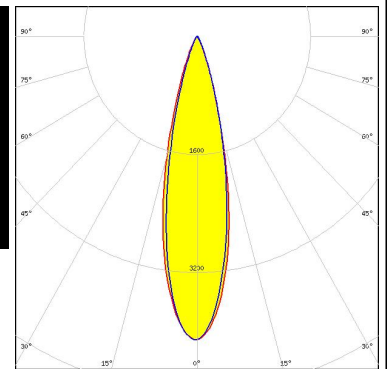
SAMSUNG

LED LH181B
 FWHM / FWTM 25.0° / 46.0°
 Efficiency 85 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



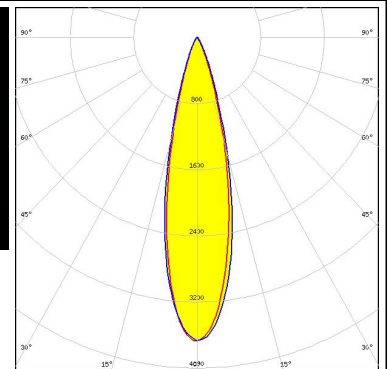
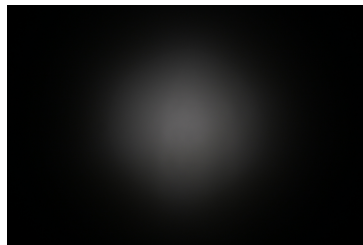
SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

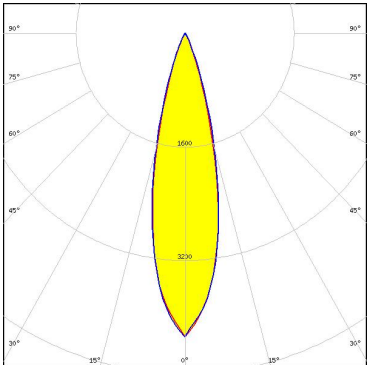
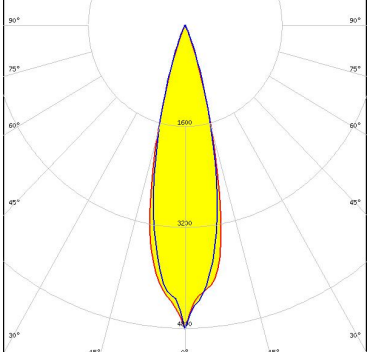
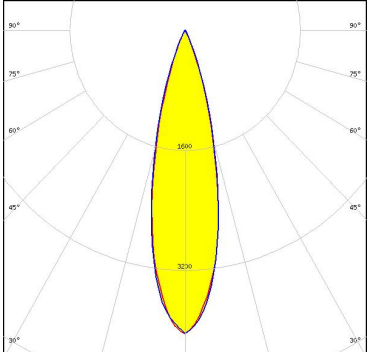
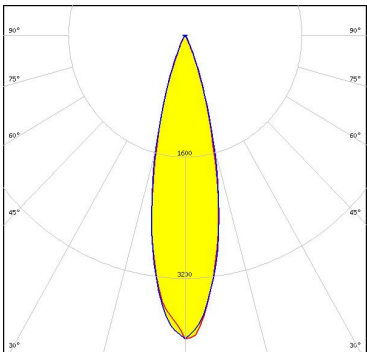


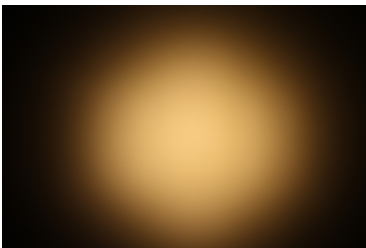
SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 81 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

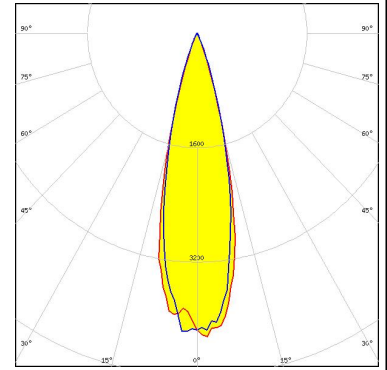
<p>CREE → LED</p> <p>LED J Series 2835 FWHM / FWTM 26.0° / 45.0° Efficiency 92 % Peak intensity 4.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 25.0° / 41.0° Efficiency 93 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G2 HE FWHM / FWTM 26.0° / 45.0° Efficiency 90 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G3 FWHM / FWTM 26.0° / 45.0° Efficiency 89 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	



PHOTOMETRIC DATA (SIMULATED):



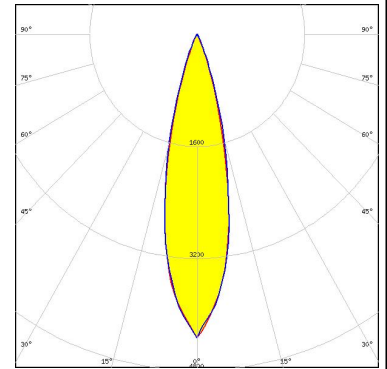
LED XT-E
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR Compact
 FWHM / FWTM 26.0° / 40.0°
 Efficiency 84 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR Domed 60
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour IR
 Required components:



LED LUXEON IR Domed 60
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour White
 Required components:

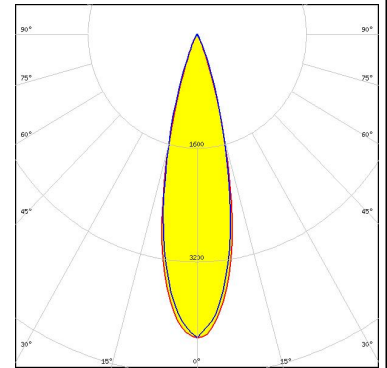
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 90
 FWHM / FWTM 26.0° / 44.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:

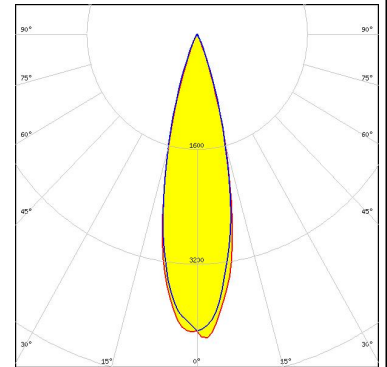
LUMILEDS

LED LUXEON T
 FWHM / FWTM 26.0° / 43.0°
 Efficiency 92 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



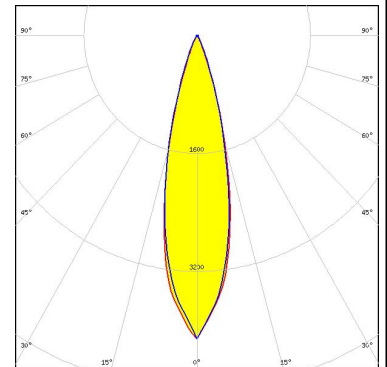
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 26.0° / 43.0°
 Efficiency 91 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSxx19B/NVSxx19C
 FWHM / FWTM 25.0° / 44.0°
 Efficiency 88 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030</p> <p>FWHM / FWTM 23.0° / 42.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 5.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Blue</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 Flat</p> <p>FWHM / FWTM 26.0° / 46.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 4.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 80</p> <p>FWHM / FWTM 27.0° / 40.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

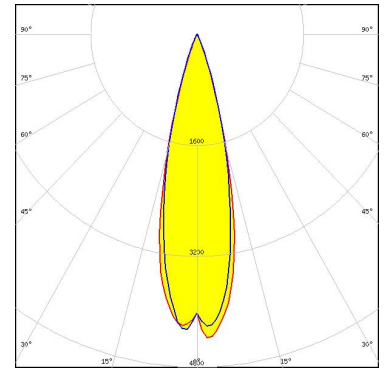
OSRAM

Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 25.0° / 48.0°
Efficiency 84 %
LEDs/each optic 1
Light colour White
Required components:

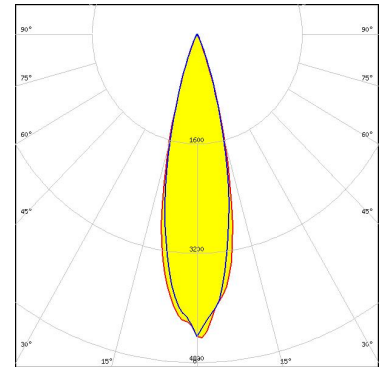
SAMSUNG

LED LH351A
FWHM / FWTM 25.0° / 41.0°
Efficiency 91 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



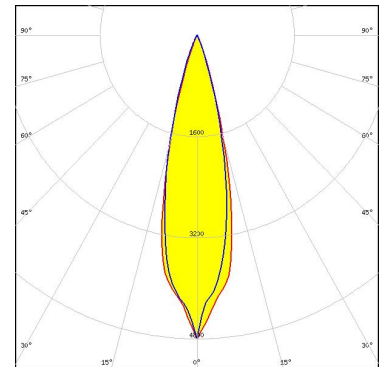
SAMSUNG

LED LH351B
FWHM / FWTM 25.0° / 41.0°
Efficiency 91 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:


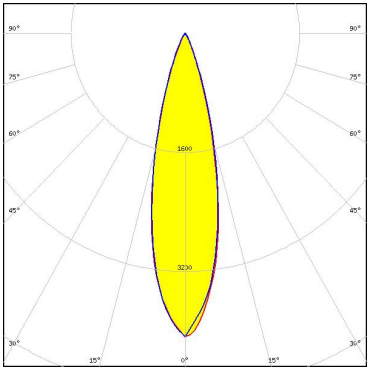

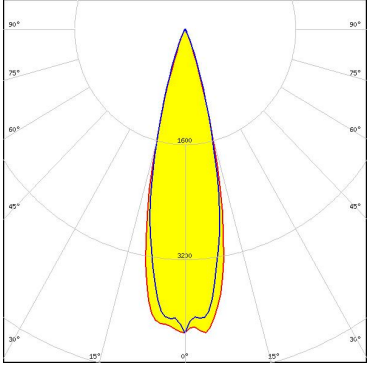

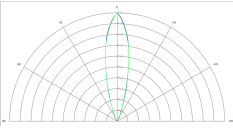
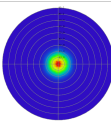
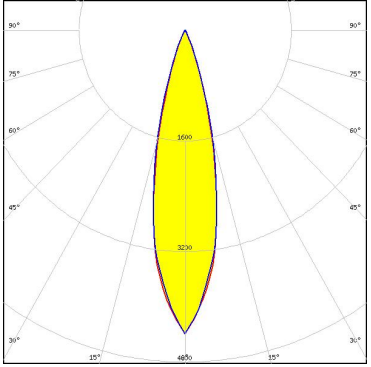

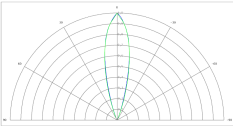
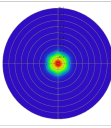
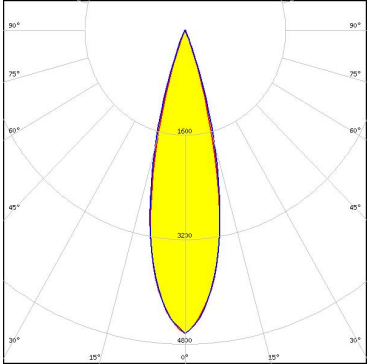


SEOUL SEMICONDUCTOR

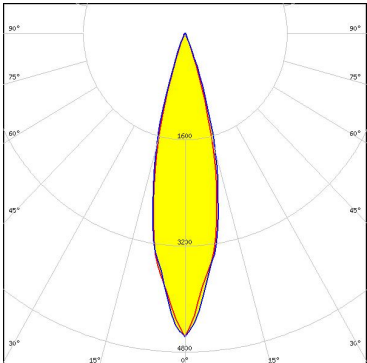
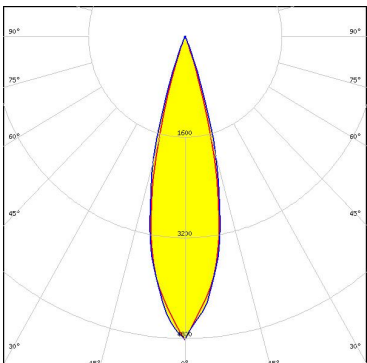
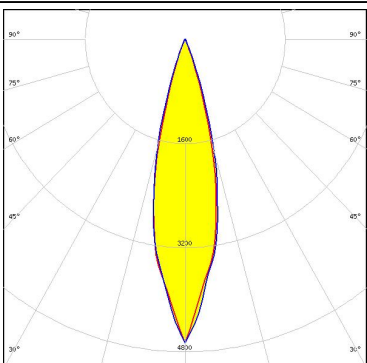
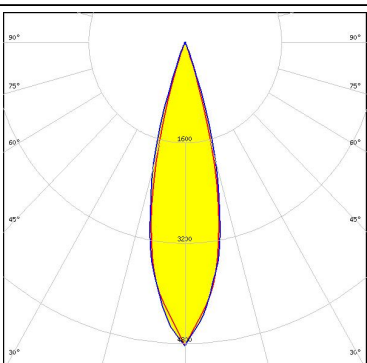
LED Z5M1/Z5M2
FWHM / FWTM 24.0° / 40.0°
Efficiency 92 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



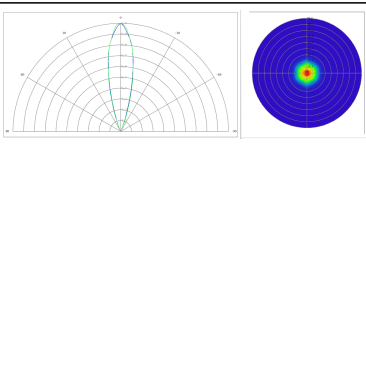
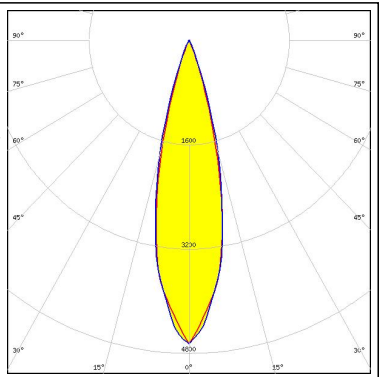
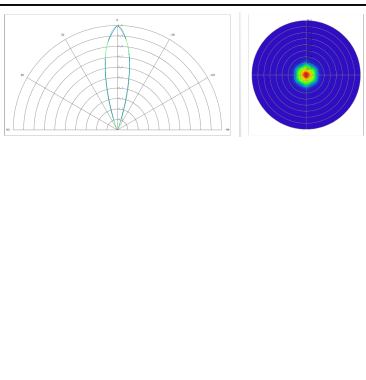
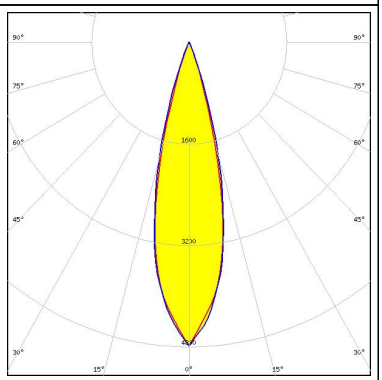
PHOTOMETRIC DATA (SIMULATED):

 <p>SEOUL SEMICONDUCTOR</p>	<p>LED Z5M4 FWHM / FWTM 26.0° / 46.0° Efficiency 93 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>			
 <p>SEOUL SEMICONDUCTOR</p>	<p>LED Z5P FWHM / FWTM 26.0° / 41.0° Efficiency 91 % Peak intensity 4.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>			
	<p>LED FWR1107MS FWHM / FWTM 24.0° / 44.0° Efficiency 89 % LEDs/each optic 1 Light colour IR Required components:</p>			
	<p>LED FWR1108MS FWHM / FWTM 25.0° / 41.0° Efficiency 92 % LEDs/each optic 1 Light colour IR Required components:</p>			

PHOTOMETRIC DATA (SIMULATED):

<p>STANLEY</p> <p>LED MFN1107MS</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>STANLEY</p> <p>LED MFN1108MS</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>STANLEY</p> <p>LED MGN1107MS</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>STANLEY</p> <p>LED MGN1108MS</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>STANLEY</p> <p>LED MJN1107MS FWHM / FWTM 25.0° / 42.0° Efficiency 92 % LEDs/each optic 1 Light colour IR Required components:</p>		
<p>STANLEY</p> <p>LED MJN1108MS FWHM / FWTM 26.0° / 41.0° Efficiency 93 % LEDs/each optic 1 Light colour IR Required components:</p>		

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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