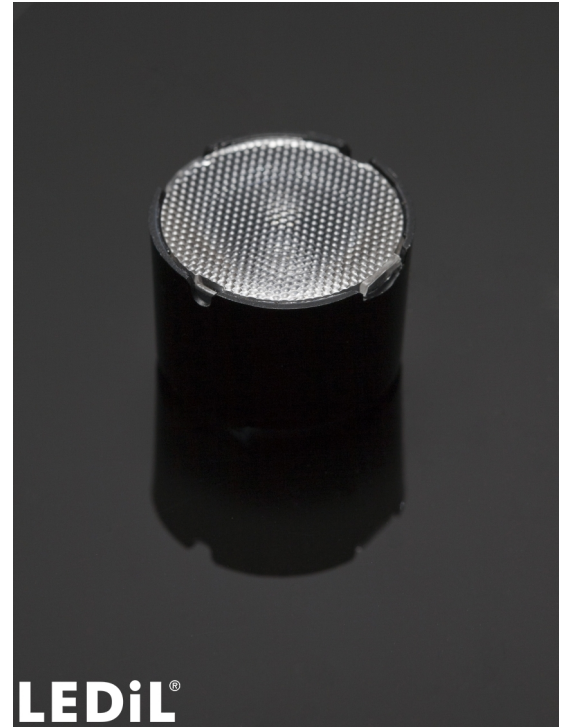


## G2-LXP2-M-P

~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 ⓘ

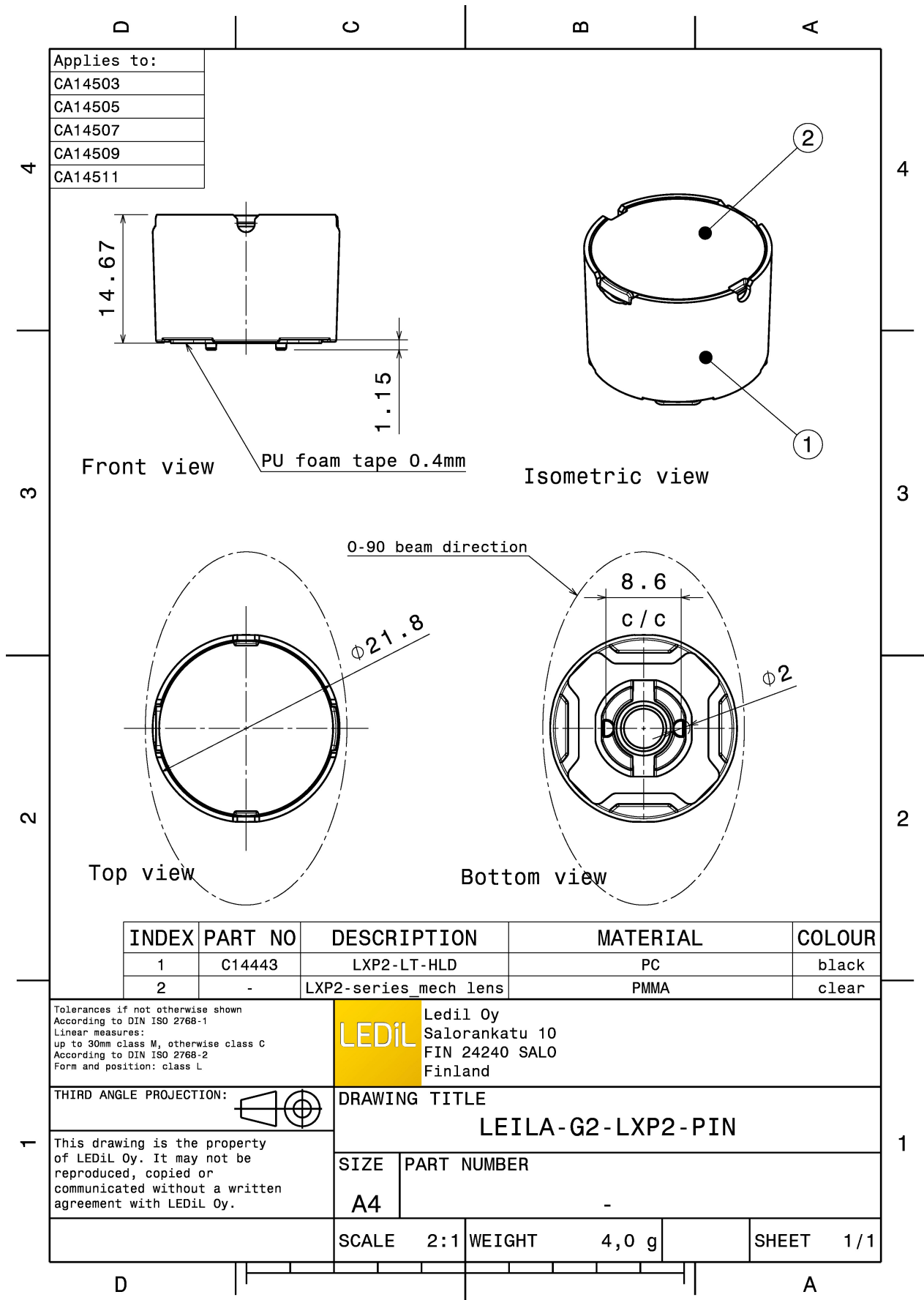


### MATERIAL SPECIFICATIONS:

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





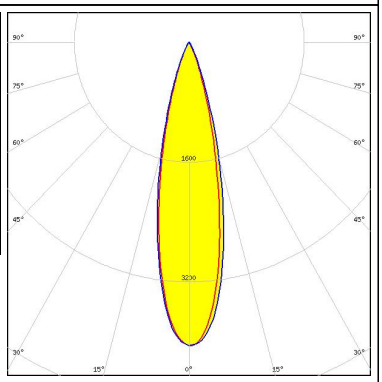


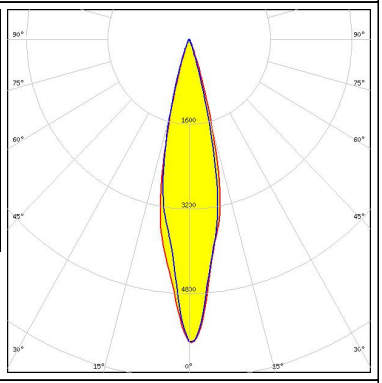

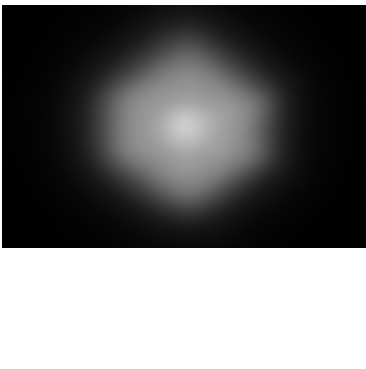
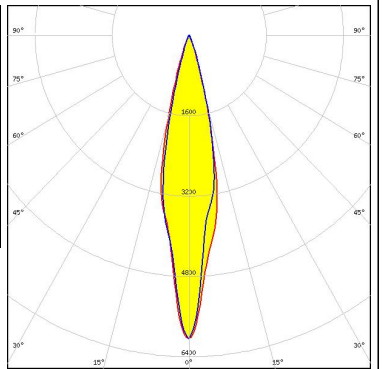
### ORDERING INFORMATION:

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



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

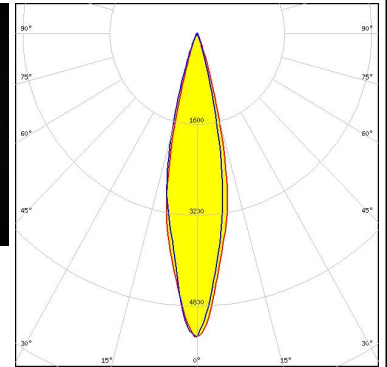
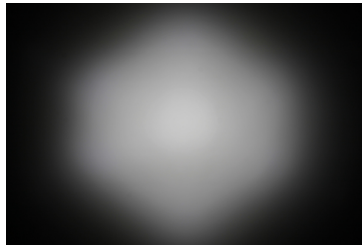
#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b>  <b>LED</b></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><b>CREE</b>  <b>LED</b></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><b>CREE</b>  <b>LED</b></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><b>CREE</b>  <b>LED</b></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):

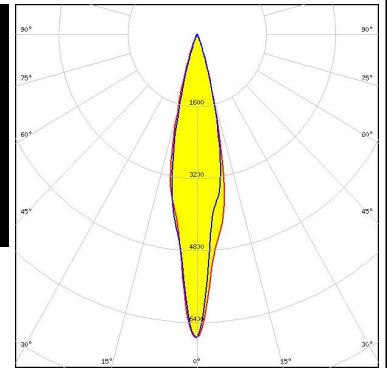
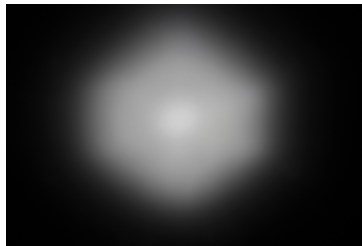
##### LUMILEDS

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:



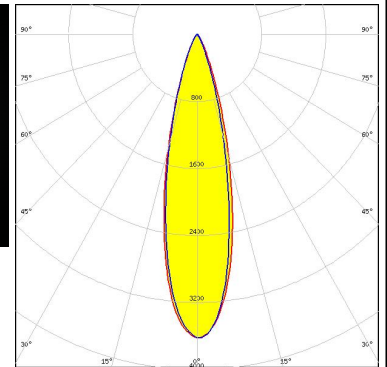
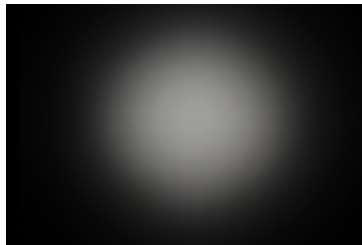
##### LUMILEDS

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:



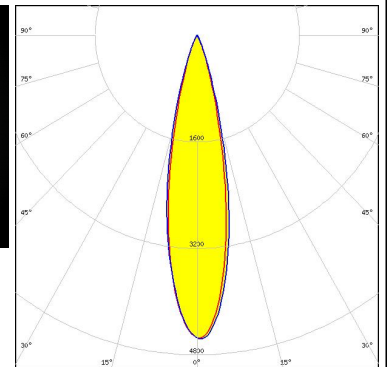
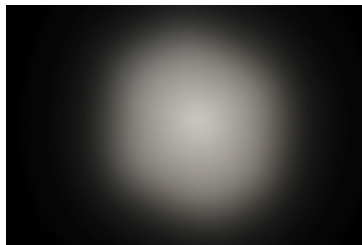
##### LUMILEDS

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:




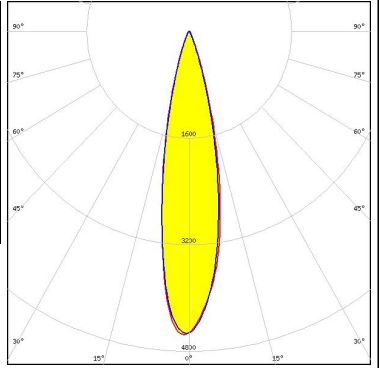
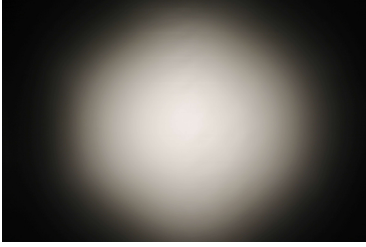
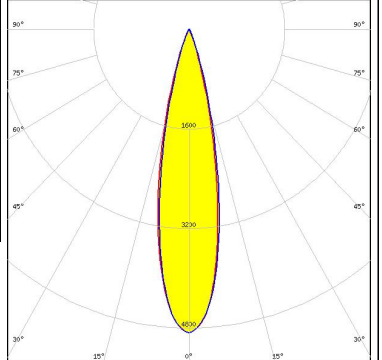
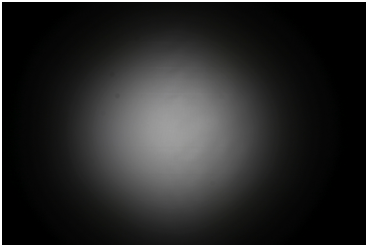
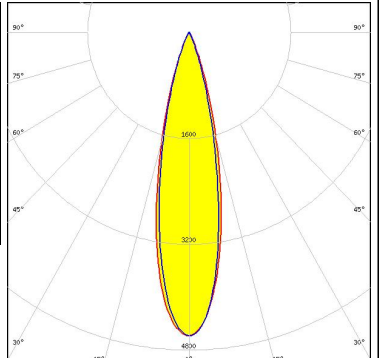
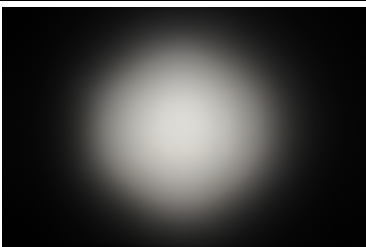
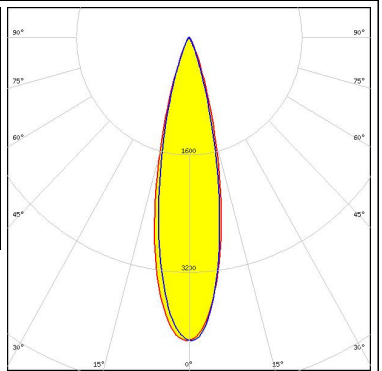
##### LUMILEDS

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:


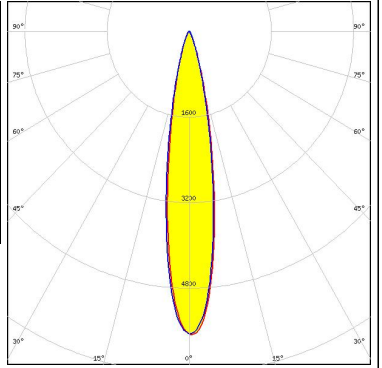

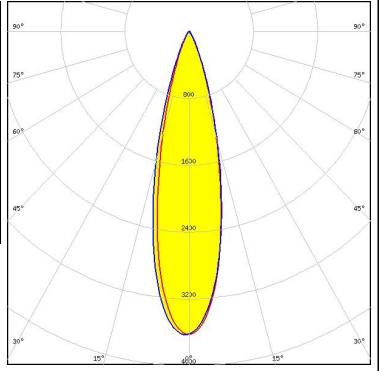
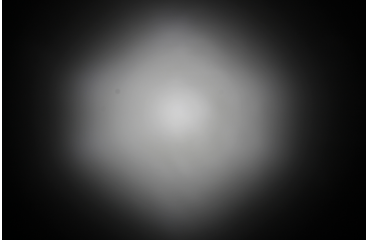
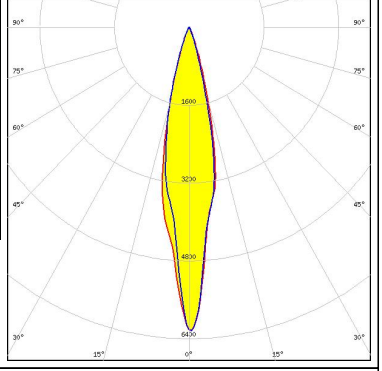
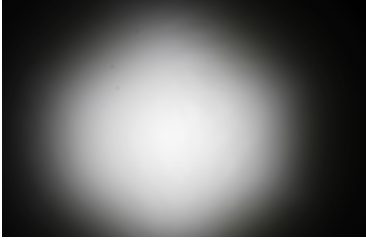
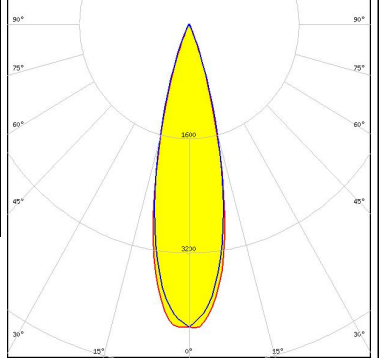




#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></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><b>NICHIA</b></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><b>NICHIA</b></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><b>NICHIA</b></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>		

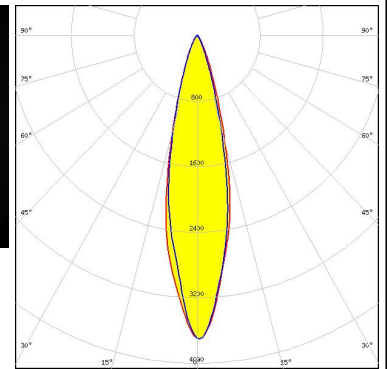
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW519A            FWHM / FWTM 18.0° / 37.0°            Efficiency 86 %            Peak intensity 5.7 cd/m<sup>2</sup>            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NWSx229A            FWHM / FWTM 25.0° / 47.0°            Efficiency 86 %            Peak intensity 3.6 cd/m<sup>2</sup>            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM Black Flat            FWHM / FWTM 20.0° / 38.0°            Efficiency 87 %            Peak intensity 6.3 cd/m<sup>2</sup>            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <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<sup>2</sup>            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

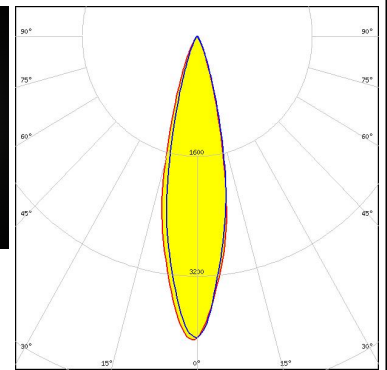
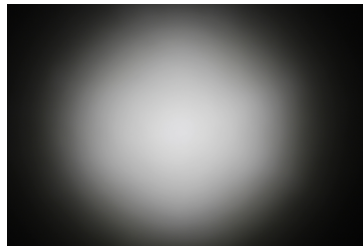
### SAMSUNG

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:



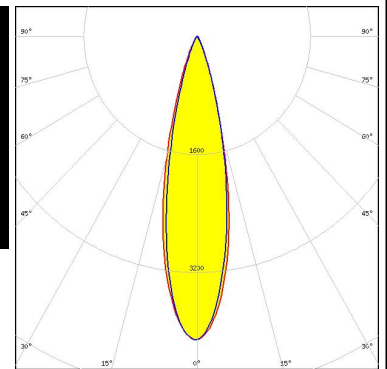
### SAMSUNG

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:



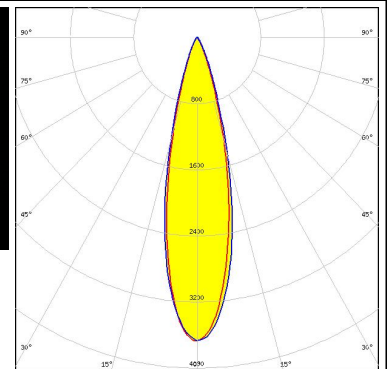
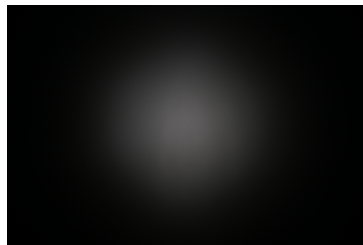
SEOUL SEMICONDUCTOR

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

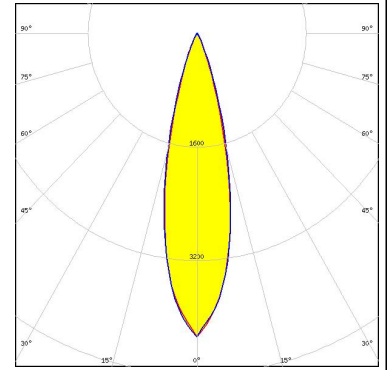
LED Z8Y22P  
 FWHM / FWTM 26.0° / 46.0°  
 Efficiency 81 %  
 Peak intensity 3.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



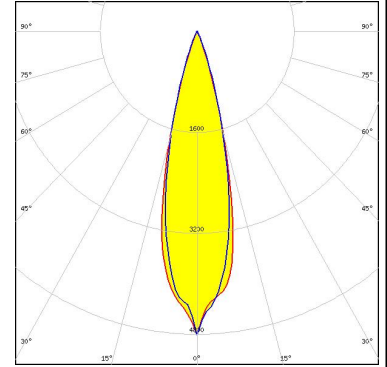
#### PHOTOMETRIC DATA (SIMULATED):



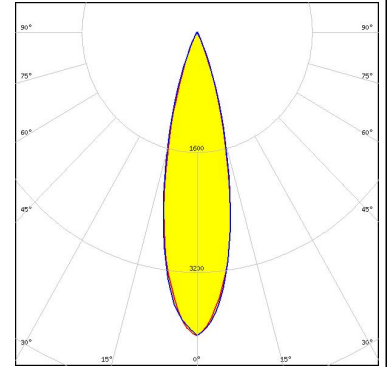
LED J Series 2835  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 92 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



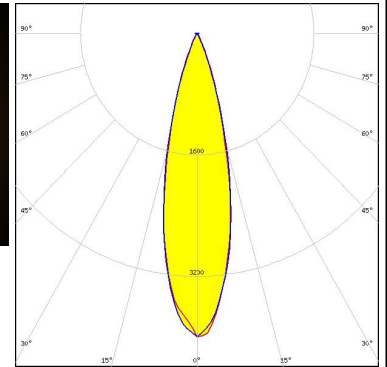
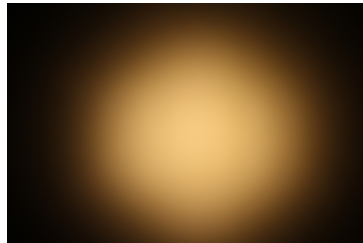
LED XP-G2  
 FWHM / FWTM 25.0° / 41.0°  
 Efficiency 93 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




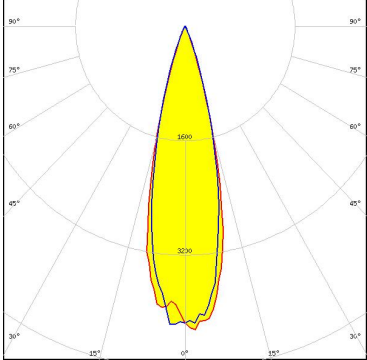


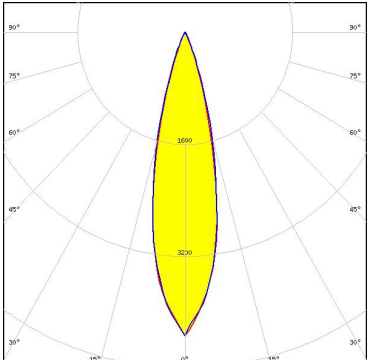

LED XP-G2 HE  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 90 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



#### 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:		

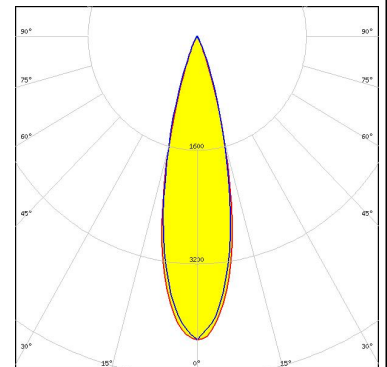
#### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

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

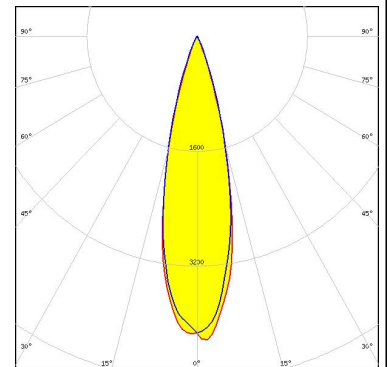
#### LUMILEDS

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:



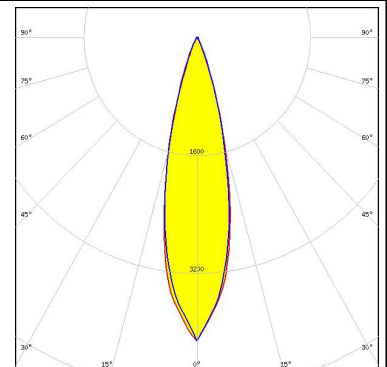
#### LUMILEDS

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:



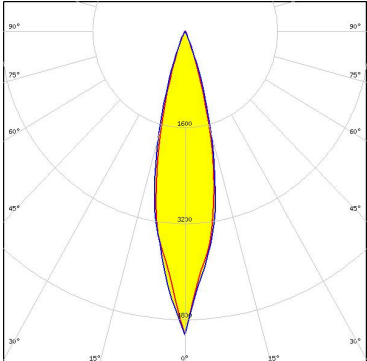
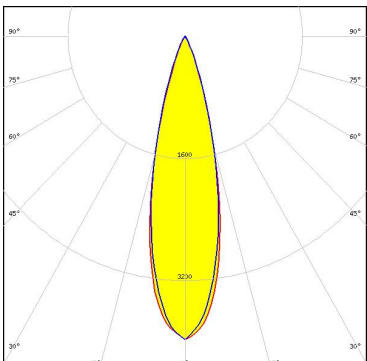
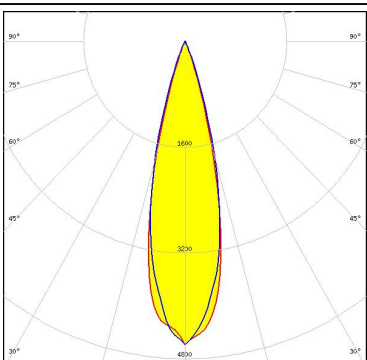
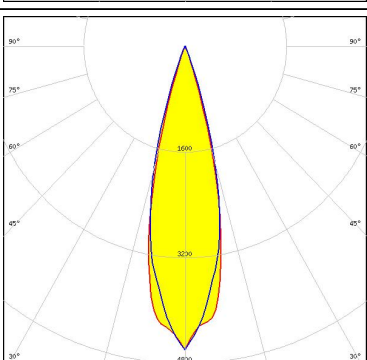
#### NICHIA

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><b>OSRAM</b> 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><b>OSRAM</b> 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><b>OSRAM</b> 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><b>OSRAM</b> 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):

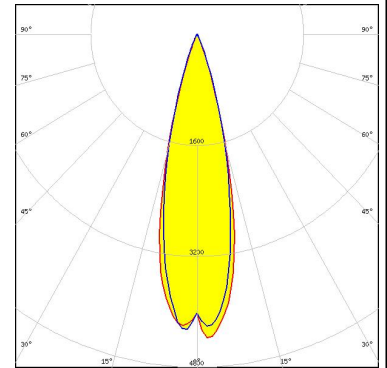
#### OSRAM

Opto Semiconductors

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

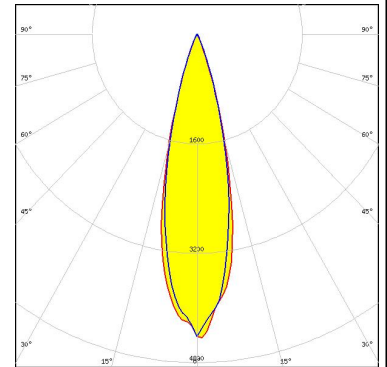
#### SAMSUNG

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:



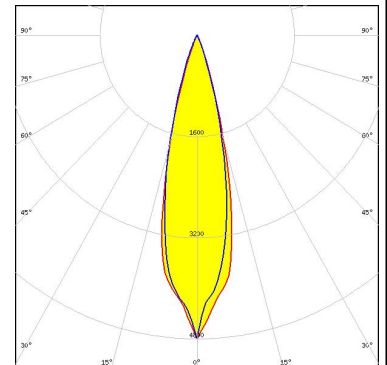
#### SAMSUNG

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

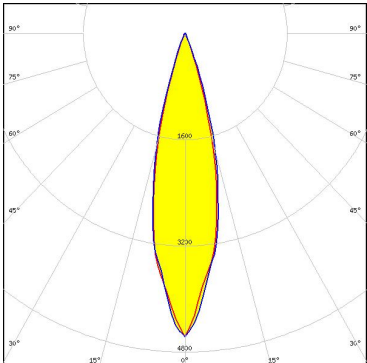
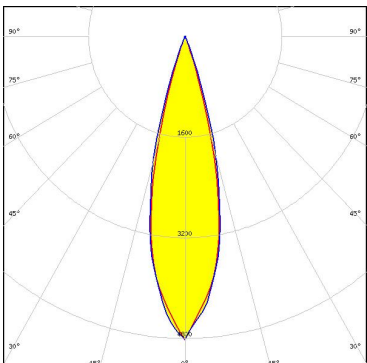
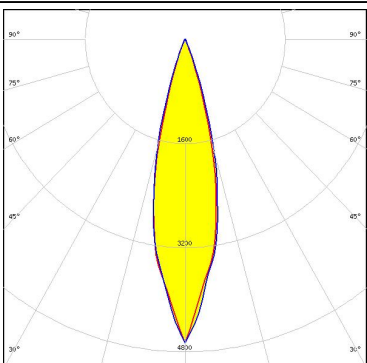
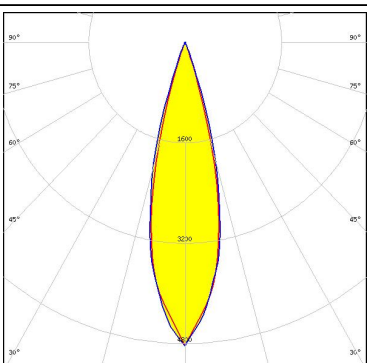
LED Z5M1/Z5M2  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 92 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




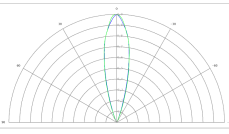
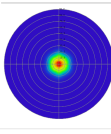
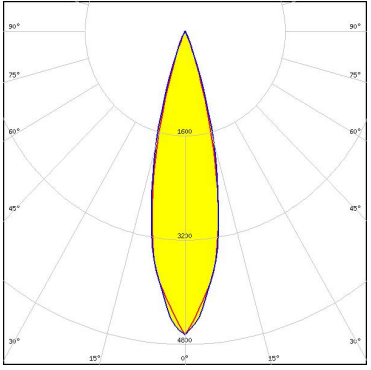

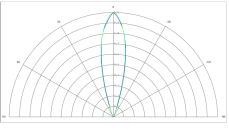
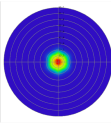
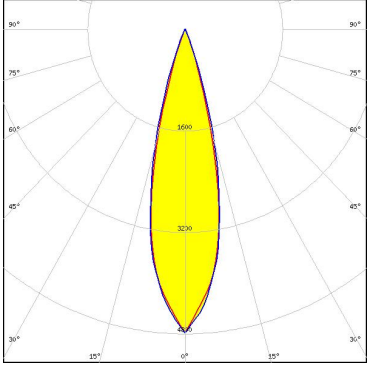
#### PHOTOMETRIC DATA (SIMULATED):

<p><b>SEOL</b> SEOL 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><b>SEOL</b> SEOL 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><b>STANLEY</b></p> <p>LED: FWR1107MS            FWHM / FWTM: 24.0° / 44.0°            Efficiency: 89 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
<p><b>STANLEY</b></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><b>STANLEY</b></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><b>STANLEY</b></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><b>STANLEY</b></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><b>STANLEY</b></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>LED MJN1107MS            FWHM / FWTM 25.0° / 42.0°            Efficiency 92 %            LEDs/each optic 1            Light colour IR            Required components:</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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