

VERONICA-RS

~12° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

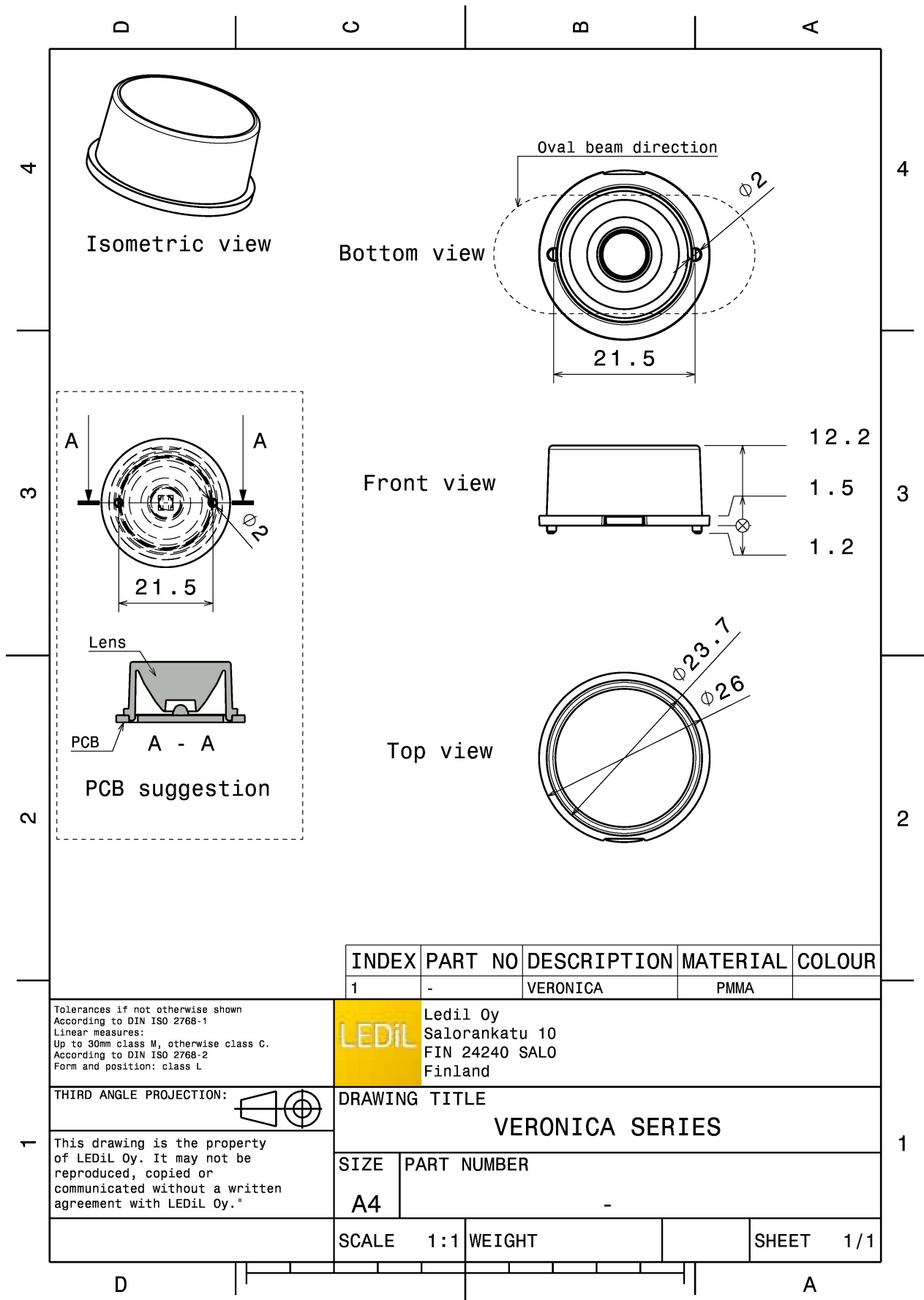
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VERONICA-RS	Single lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13528_VERONICA-RS » Box size: 480 x 280 x 300 mm	2240	336	112	11.1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	VERONICA	PMMA	

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
VERONICA SERIES


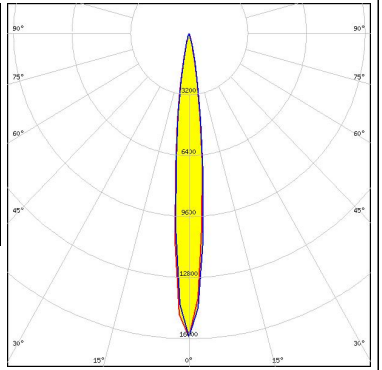

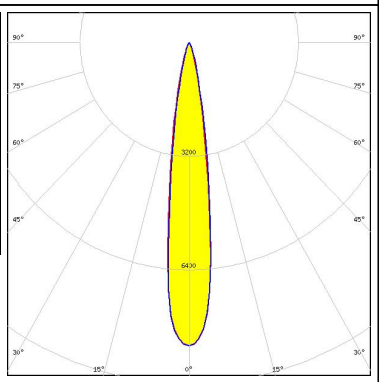

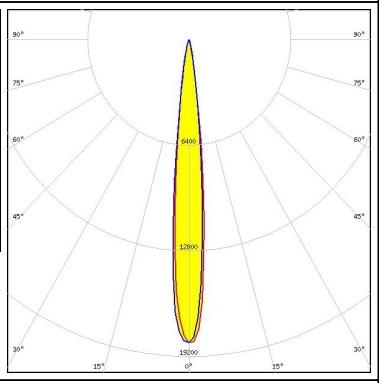

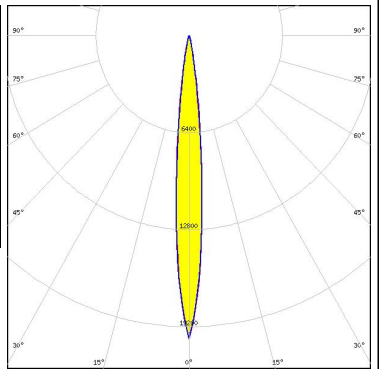
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-


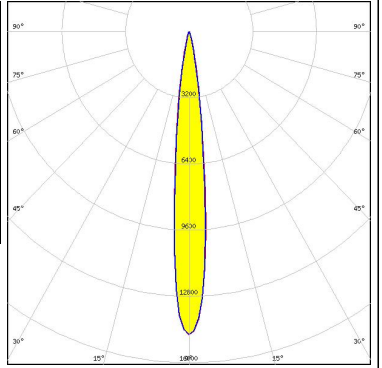

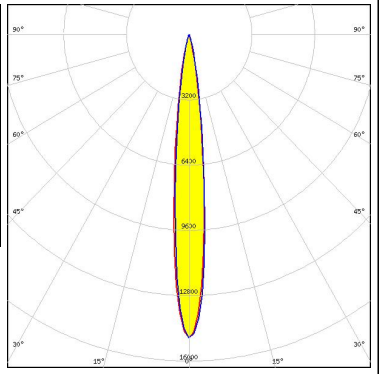

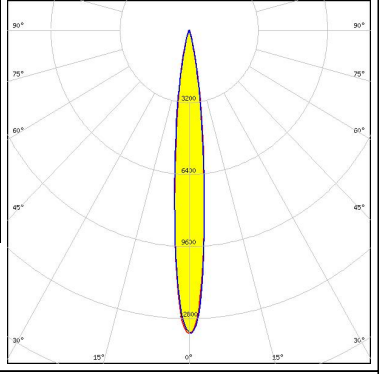

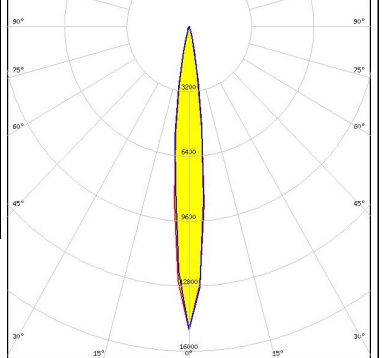
SCALE	1:1	WEIGHT	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide


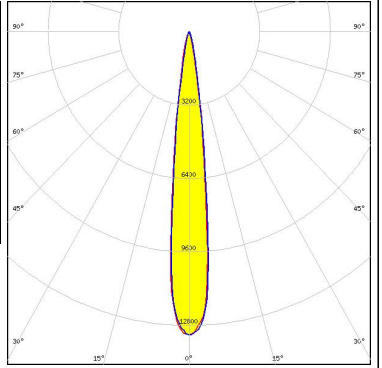

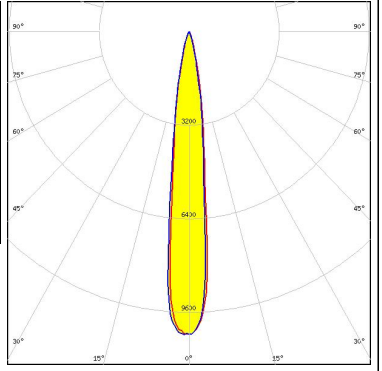

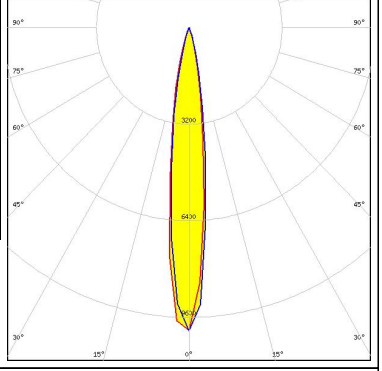

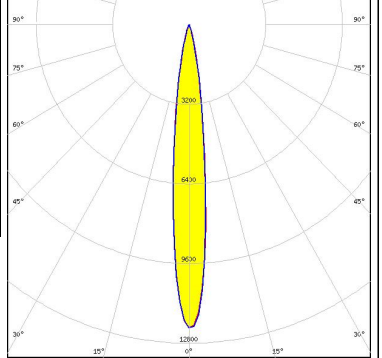
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XB-H FWHM / FWTM 11.0° / 24.0° Efficiency 89 % Peak intensity 15.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XM-L2 FWHM / FWTM 16.0° / 32.0° Efficiency 90 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G FWHM / FWTM 12.0° / 22.0° Efficiency 90 % Peak intensity 18.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 10.0° / 21.0° Efficiency 90 % Peak intensity 19 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	<p>C13528_VERONICA-RS_(XP-G2)</p> 	

PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON A</p> <p>FWHM / FWTM 13.0° / 25.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 14.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel</p> <p>FWHM / FWTM 12.0° / 25.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 14.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON V2</p> <p>FWHM / FWTM 12.0° / 25.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 13.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 13.0° / 25.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 15 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

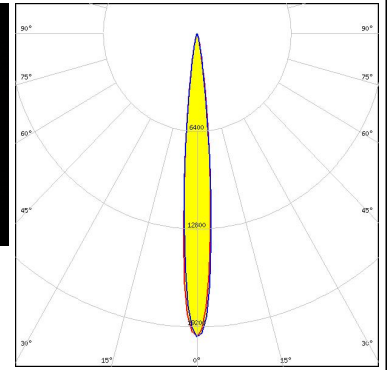
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 13.0° / 24.0° Efficiency 94 % Peak intensity 13.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 13.0° / 28.0° Efficiency 89 % Peak intensity 10.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 14.0° / 31.0° Efficiency 85 % Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 13.0° / 28.0° Efficiency 87 % Peak intensity 12.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

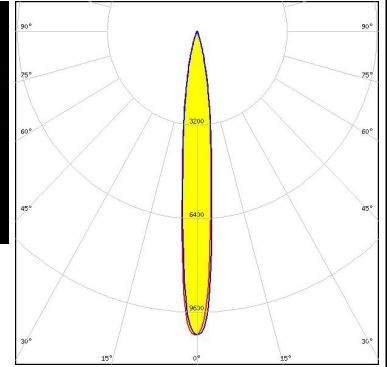
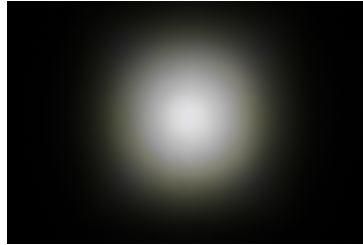
SAMSUNG

LED LH351Z
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 89 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

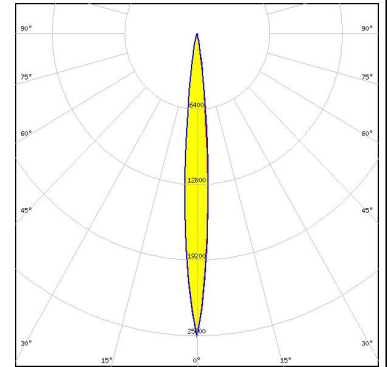
LED Z8Y22P
 FWHM / FWTM 11.0° / 29.0°
 Efficiency 87 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



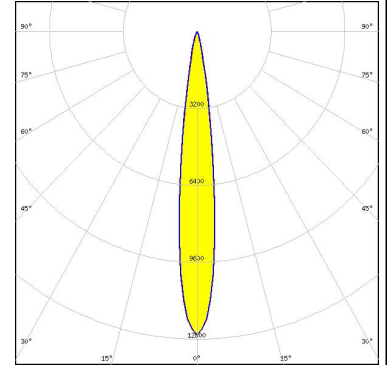
PHOTOMETRIC DATA (SIMULATED):



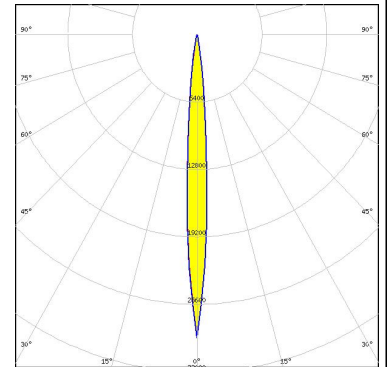
LED XP-E2
 FWHM / FWTM 9.0° / 19.0°
 Efficiency 96 %
 Peak intensity 25.7 cd/lm
 LEDs/each optic 1
 Light colour Amber
 Required components:



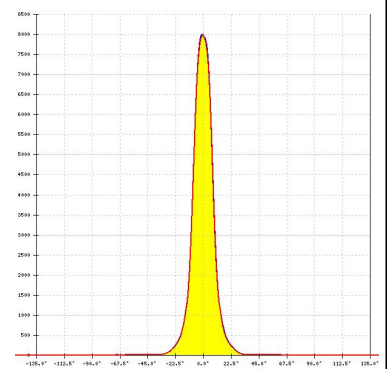
LED XP-G2 HE
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 97 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



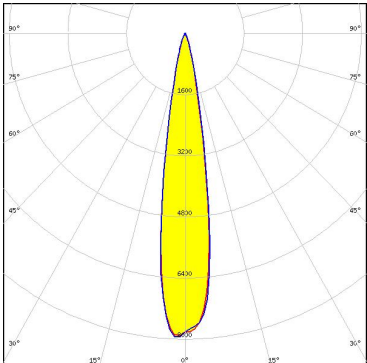
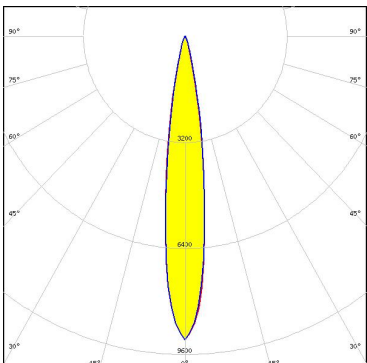
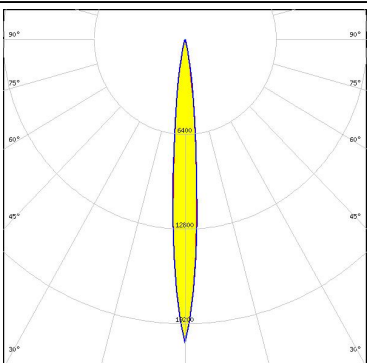
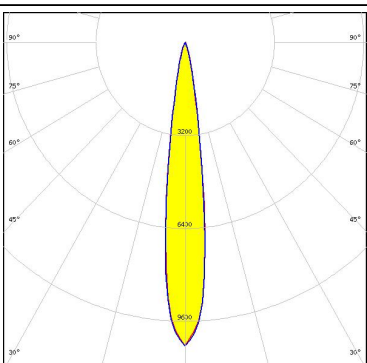
LED NCSxE17A
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 94 %
 Peak intensity 28.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4WB35AM
 FWHM / FWTM 18.0° / 31.0°
 Efficiency 96 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

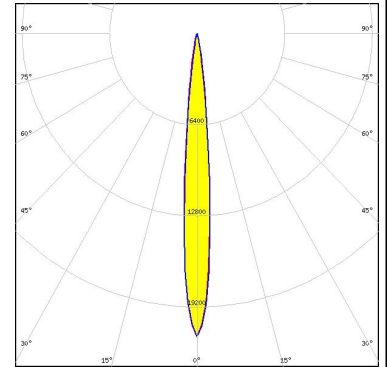
<p>NICHIA</p> <p>LED NV4WB35AM FWHM / FWTM 18.0° / 31.0° Efficiency 97 % Peak intensity 8.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 16.0 + 15.0° / 30.0 + 29.0° Efficiency 95 % Peak intensity 9.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 10.0° / 21.0° Efficiency 95 % Peak intensity 20.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 (3W version) FWHM / FWTM 15.0° / 28.0° Efficiency 94 % Peak intensity 10.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 9.9° / 20.0°
 Efficiency 94 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

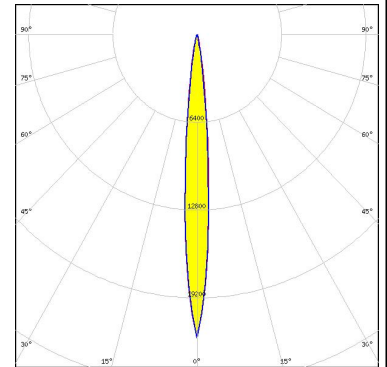


SAMSUNG

LED LH351B
 FWHM / FWTM 12.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

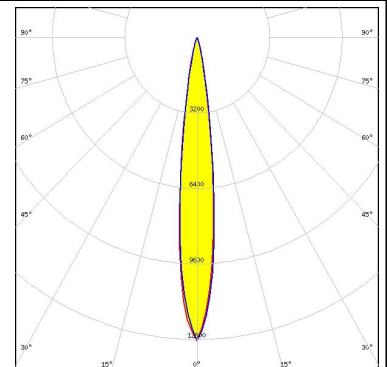
SEOUL SEMICONDUCTOR

LED MJT 3030
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 22.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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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