

## VERONICA-RS

~12° spot beam

### SPECIFICATION:

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

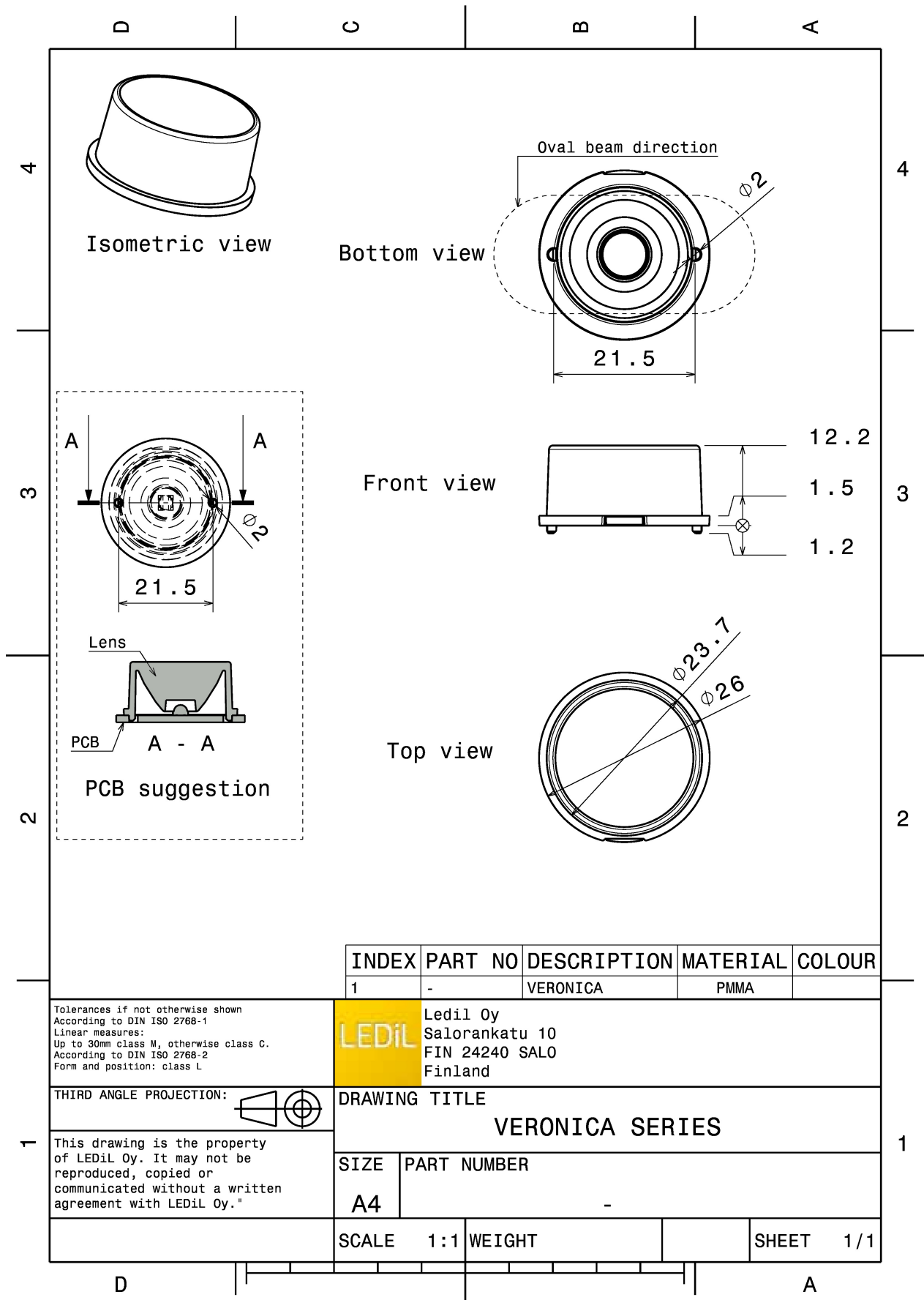
### MATERIALS:

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**


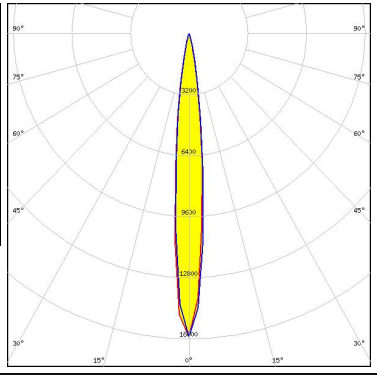

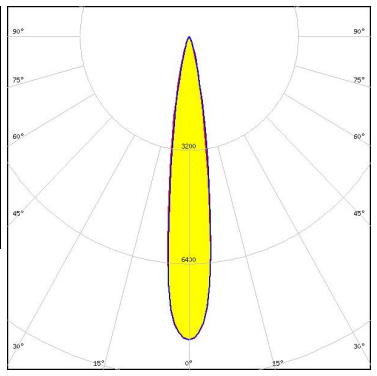

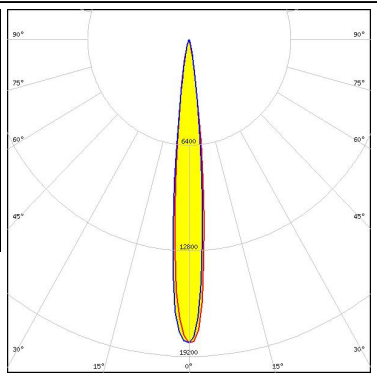

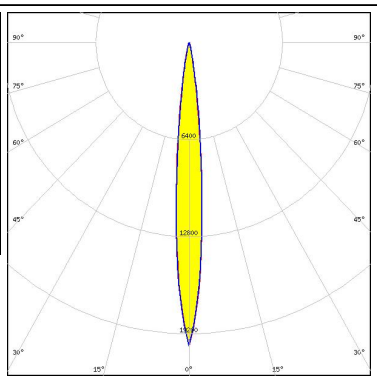
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

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](http://www.ledil.com/installation_guide)

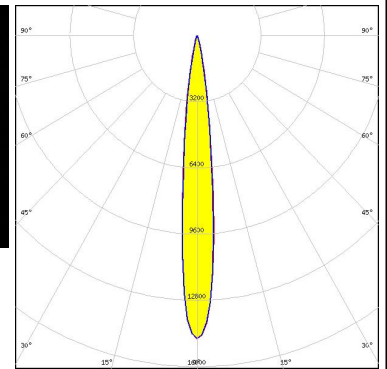
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</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><b>CREE</b> LEDs</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><b>CREE</b> LEDs</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><b>CREE</b> LEDs</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>		

### OPTICAL RESULTS (MEASURED):

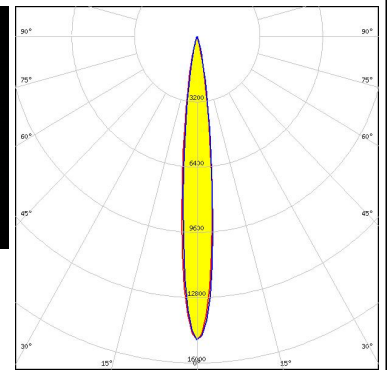
#### LUMILEDS

LED LUXEON A  
 FWHM / FWTM 13.0° / 25.0°  
 Efficiency 89 %  
 Peak intensity 14.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



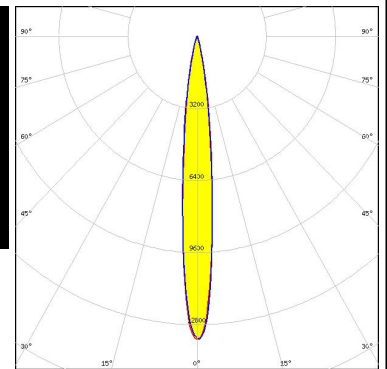
#### LUMILEDS

LED LUXEON Rebel  
 FWHM / FWTM 12.0° / 25.0°  
 Efficiency 88 %  
 Peak intensity 14.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



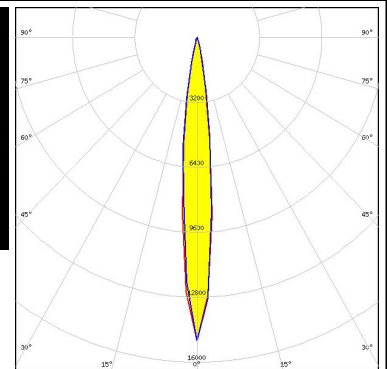
#### LUMILEDS

LED LUXEON V2  
 FWHM / FWTM 12.0° / 25.0°  
 Efficiency 94 %  
 Peak intensity 13.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

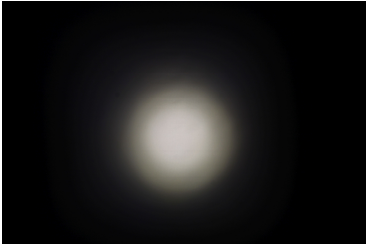
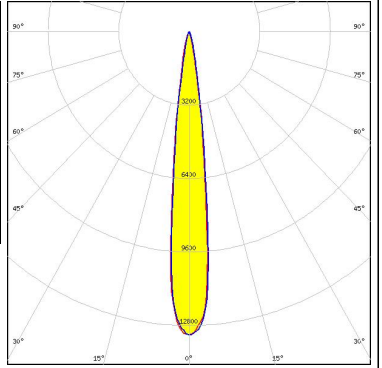

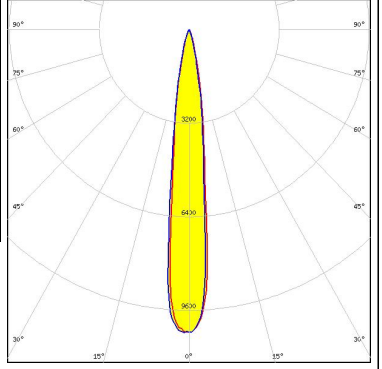

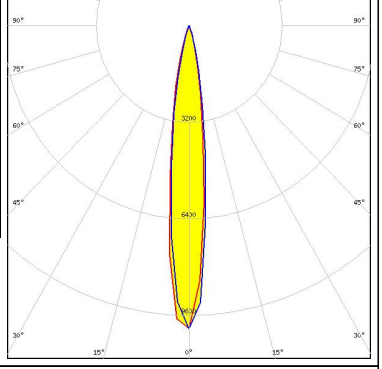

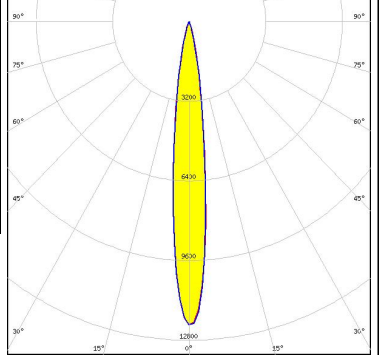


#### NICHIA

LED NCSxx19A  
 FWHM / FWTM 13.0° / 25.0°  
 Efficiency 86 %  
 Peak intensity 15 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



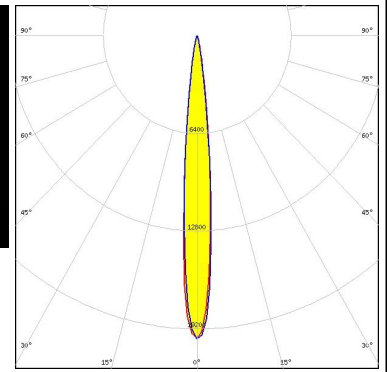
#### OPTICAL RESULTS (MEASURED):

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

#### OPTICAL RESULTS (MEASURED):

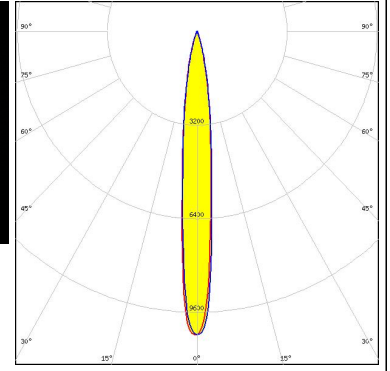
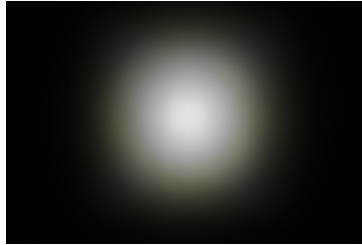
### SAMSUNG

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:



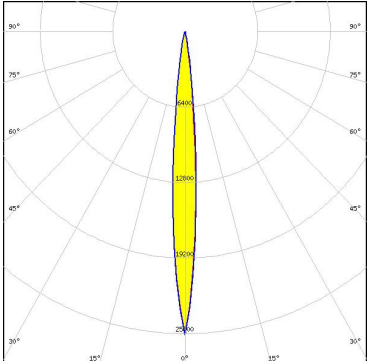
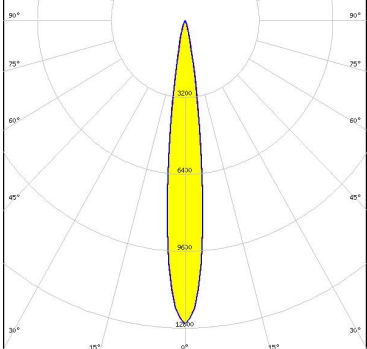
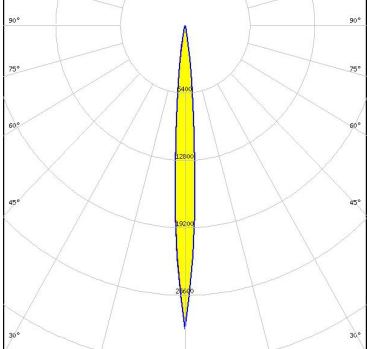
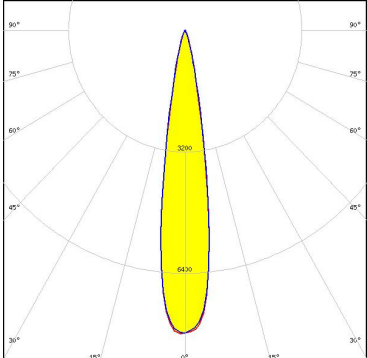
SEOUL SEMICONDUCTOR

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:





### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LEDs</p> <p>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:</p>	
<p><b>CREE</b> LEDs</p> <p>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:</p>	
<p><b>NICHIA</b></p> <p>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:</p>	
<p><b>NICHIA</b></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>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 18.0° / 31.0°            Efficiency: 96 %            Peak intensity: 8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></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><b>NICHIA</b></p> <p>LED: NVSW719AC            FWHM / FWTM: 12.0° / 20.0°            Efficiency: 96 %            Peak intensity: 18.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></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>	

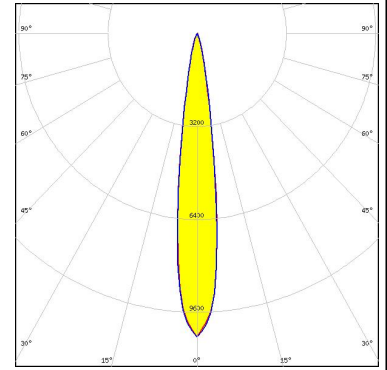


### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

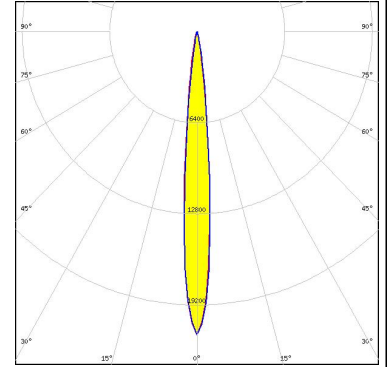
LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM 15.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 10.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### 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:

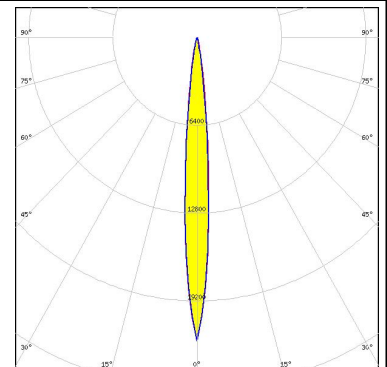


#### SAMSUNG

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:



### OPTICAL RESULTS (SIMULATED):

