

## HEIDI-M

~25° medium beam

### TECHNICAL SPECIFICATIONS:

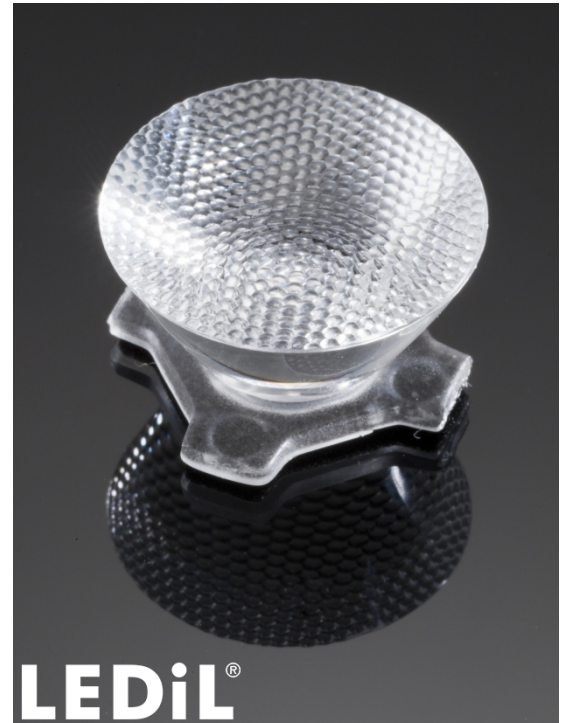
Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
ROHS compliant	yes 

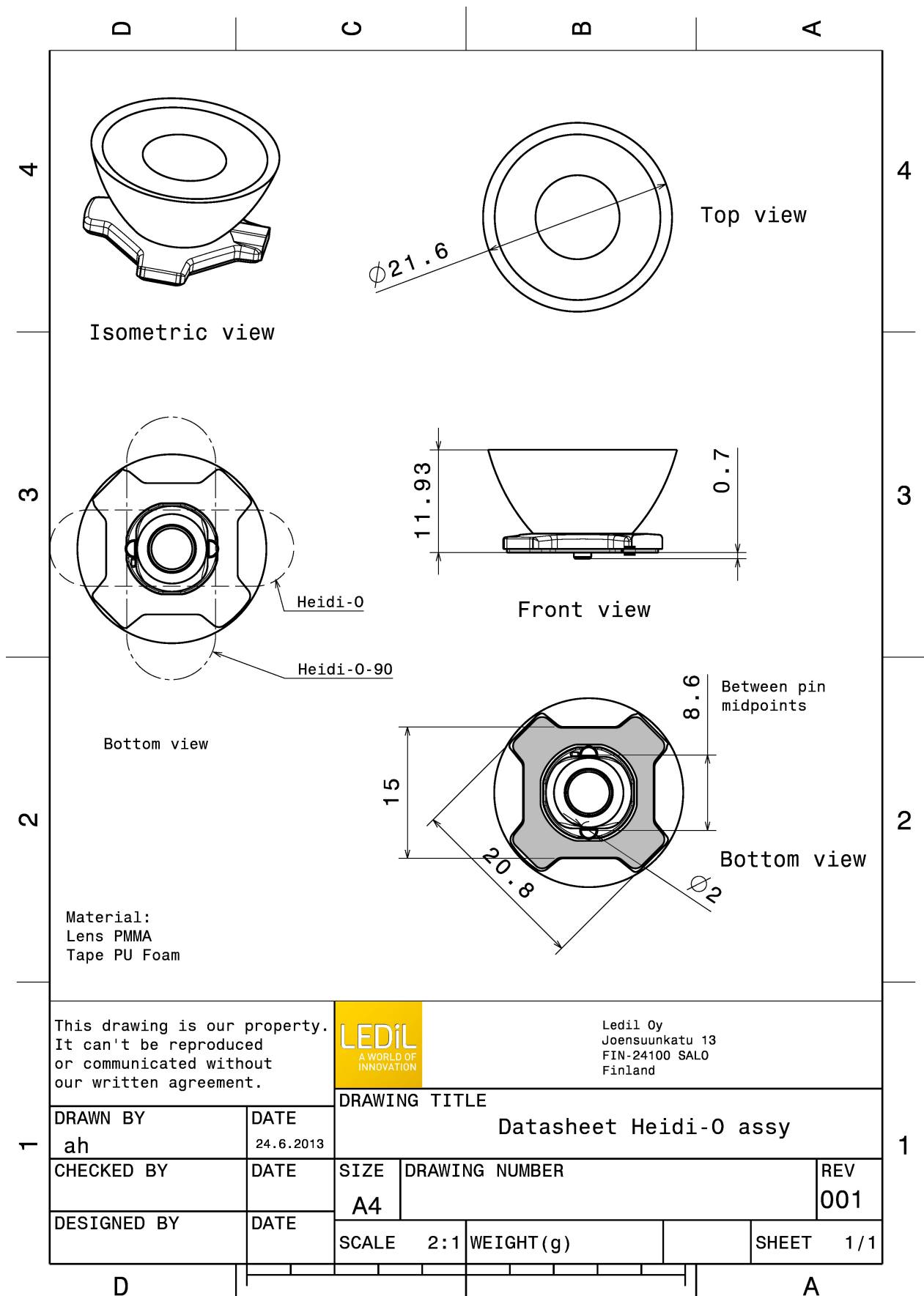
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-M	Single lens	PMMA		
HEIDI-TAPE	Tape	PU tape		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11265_HEIDI-M	Single lens	3264	204	204	10.8
» Box size: 480 x 280 x 300 mm					





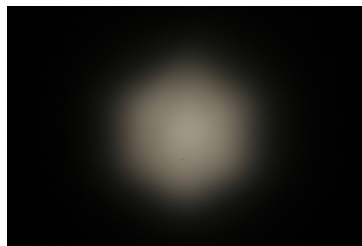
## PHOTOMETRIC DATA (MEASURED):

### **CREE**

LED XB-D  
FWHM 29.0°  
Efficiency 87 %  
Peak intensity 2.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### **CREE**

LED XB-H  
FWHM 27.0°  
Efficiency 87 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### **CREE**

LED XP-E  
FWHM 28.0°  
Efficiency 92 %  
Peak intensity 2.860 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

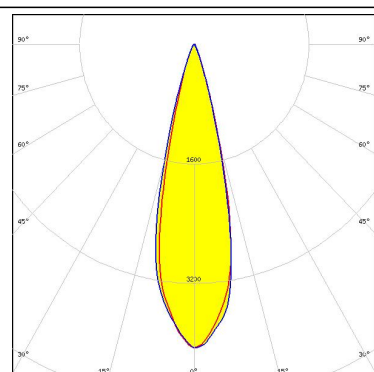
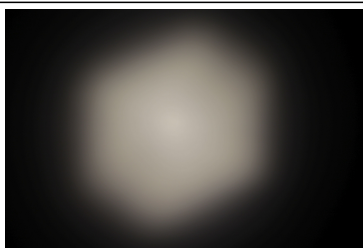
### **CREE**

LED XP-G  
FWHM 28.0°  
Efficiency 92 %  
Peak intensity 3.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

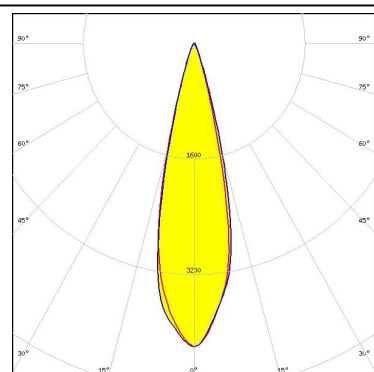
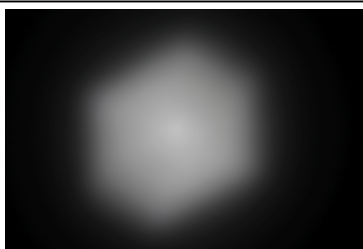
### PHOTOMETRIC DATA (MEASURED):



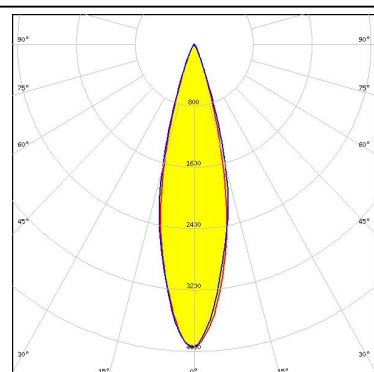
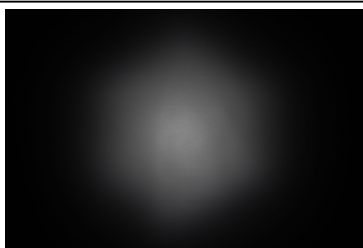
LED XQ-E HD  
FWHM 26.0°  
Efficiency 94 %  
Peak intensity 4.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



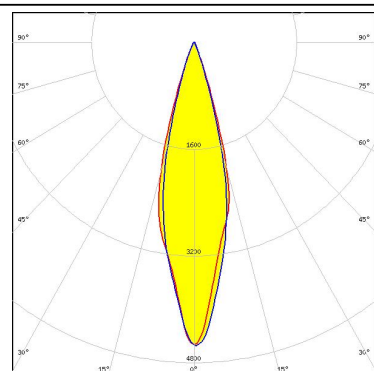
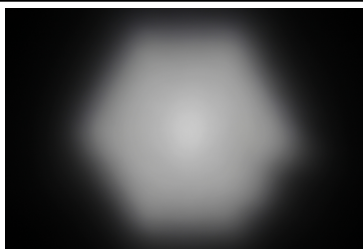
LED XQ-E HI  
FWHM 25.0°  
Efficiency 94 %  
Peak intensity 4.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON C  
FWHM 26.0°  
Efficiency 87 %  
Peak intensity 3.950 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



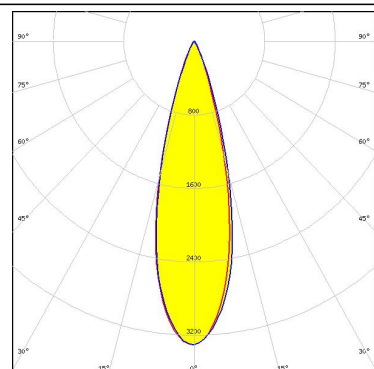
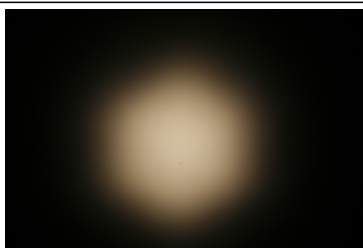
LED LUXEON CZ  
FWHM 26.0°  
Efficiency 94 %  
Peak intensity 4.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



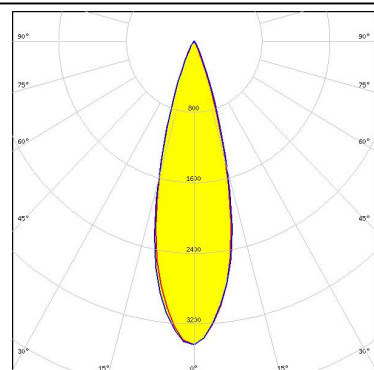
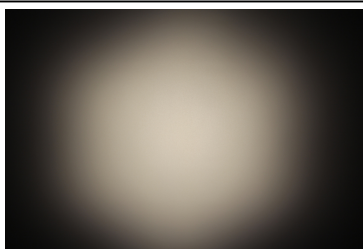
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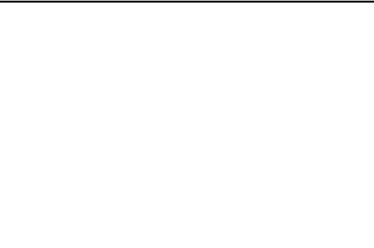
LED LUXEON T  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



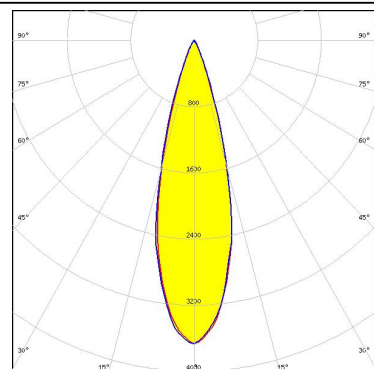
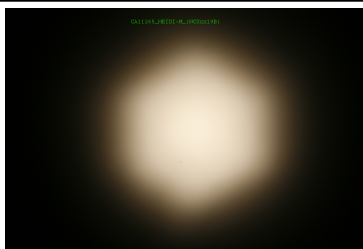
LED LUXEON TX  
FWHM 29.0°  
Efficiency 88 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxx19A  
FWHM 26.0°  
Efficiency 87 %  
Peak intensity 3.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxx19B  
FWHM 29.0°  
Efficiency 88 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



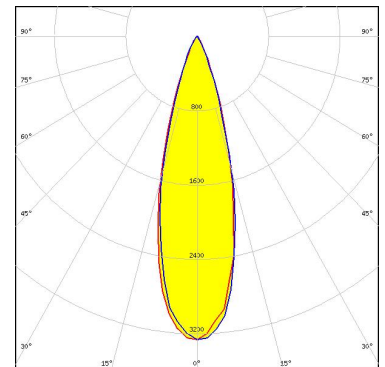
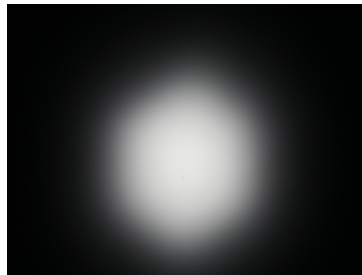
### PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 28.0°  
Efficiency 90 %  
Peak intensity 3.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors

LED OSLOM SSL 150  
FWHM 26.0°  
Efficiency 90 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



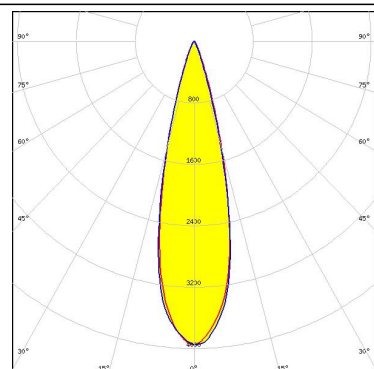
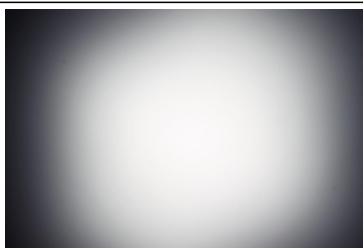
Opto Semiconductors

LED OSLOM SSL 80  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.130 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (MEASURED):

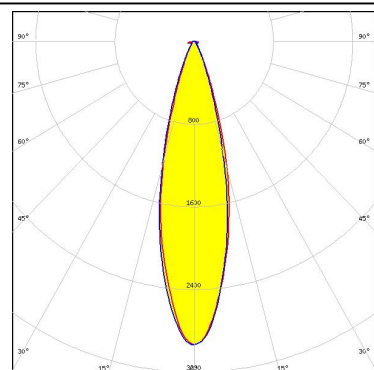
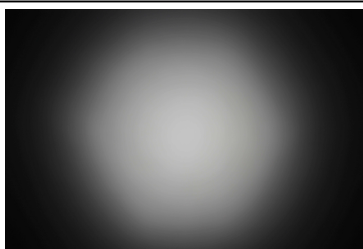
#### PHILIPS

LED Fortimo FastFlex 2x8 DS G3  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity 4.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



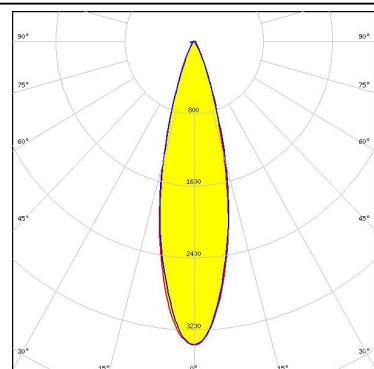
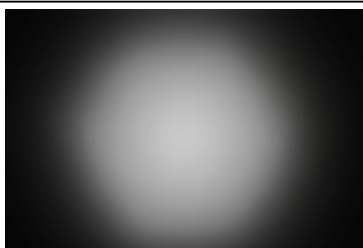
#### SAMSUNG

LED LH181A  
FWHM 27.0°  
Efficiency 88 %  
Peak intensity 2.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LH181B  
FWHM 27.0°  
Efficiency 93 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

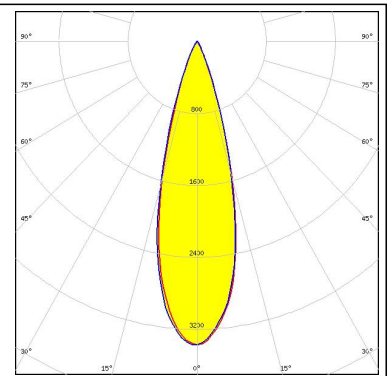
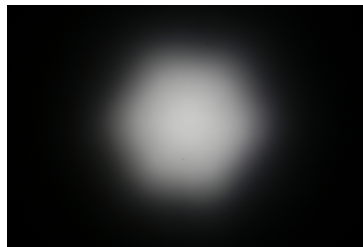
LED Z5  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.670 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 29.0°  
Efficiency 89 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

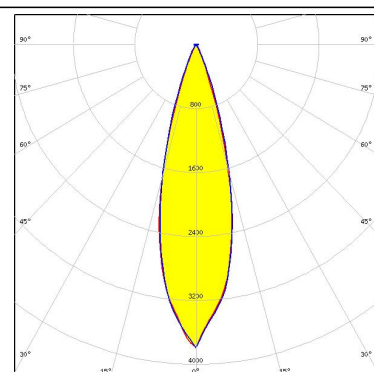




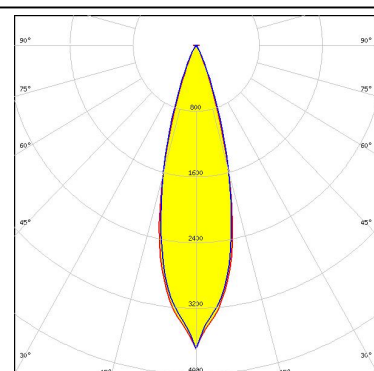
### PHOTOMETRIC DATA (SIMULATED):



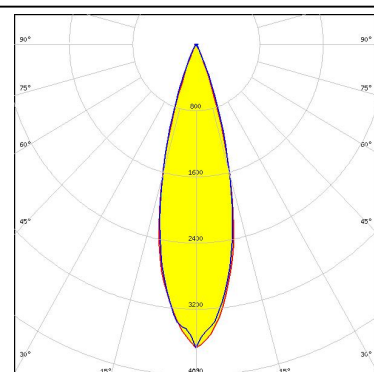
LED XB-D  
FWHM 28.0°  
Efficiency 93 %  
Peak intensity 3.794 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



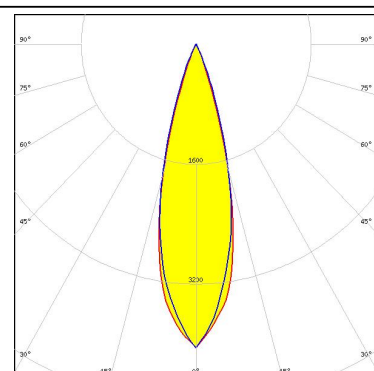
LED XT-E  
FWHM 28.0°  
Efficiency 93 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON SunPlus 20 Line (150 deg)  
FWHM 28.0°  
Efficiency 91 %  
Peak intensity 3.670 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



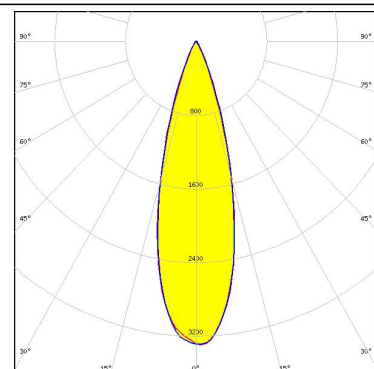
LED LUXEON Z ES  
FWHM 28.0°  
Efficiency 94 %  
Peak intensity 4.050 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



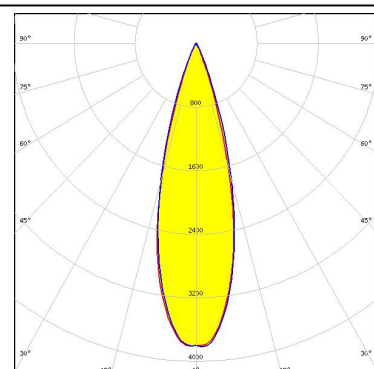
### PHOTOMETRIC DATA (SIMULATED):



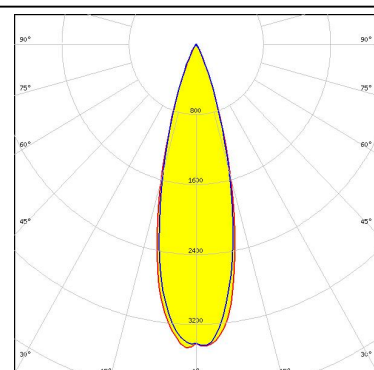
LED NVSxx19B/NVSxx19C  
FWHM 28.0°  
Efficiency 94 %  
Peak intensity 3.321 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ P 3030  
FWHM 28.0°  
Efficiency 96 %  
Peak intensity 3.841 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square CSSRM2/CSSRM3  
FWHM 28.0°  
Efficiency 94 %  
Peak intensity 3.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

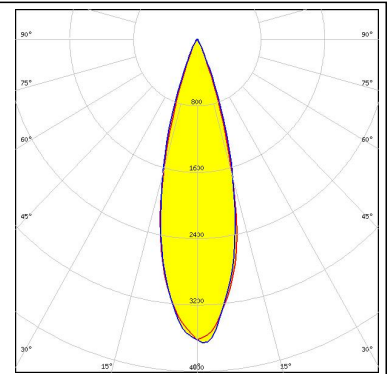


LED OSLOM Square EC  
FWHM 29.0°  
Efficiency %  
Peak intensity 3.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM 29.0°  
Efficiency 96 %  
Peak intensity 3.696 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

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#### Shipping locations

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#### Distribution Partners

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