

## VIRPI-S

~15° spot beam

### SPECIFICATION:

Dimensions	74.9 x 74.9
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes 

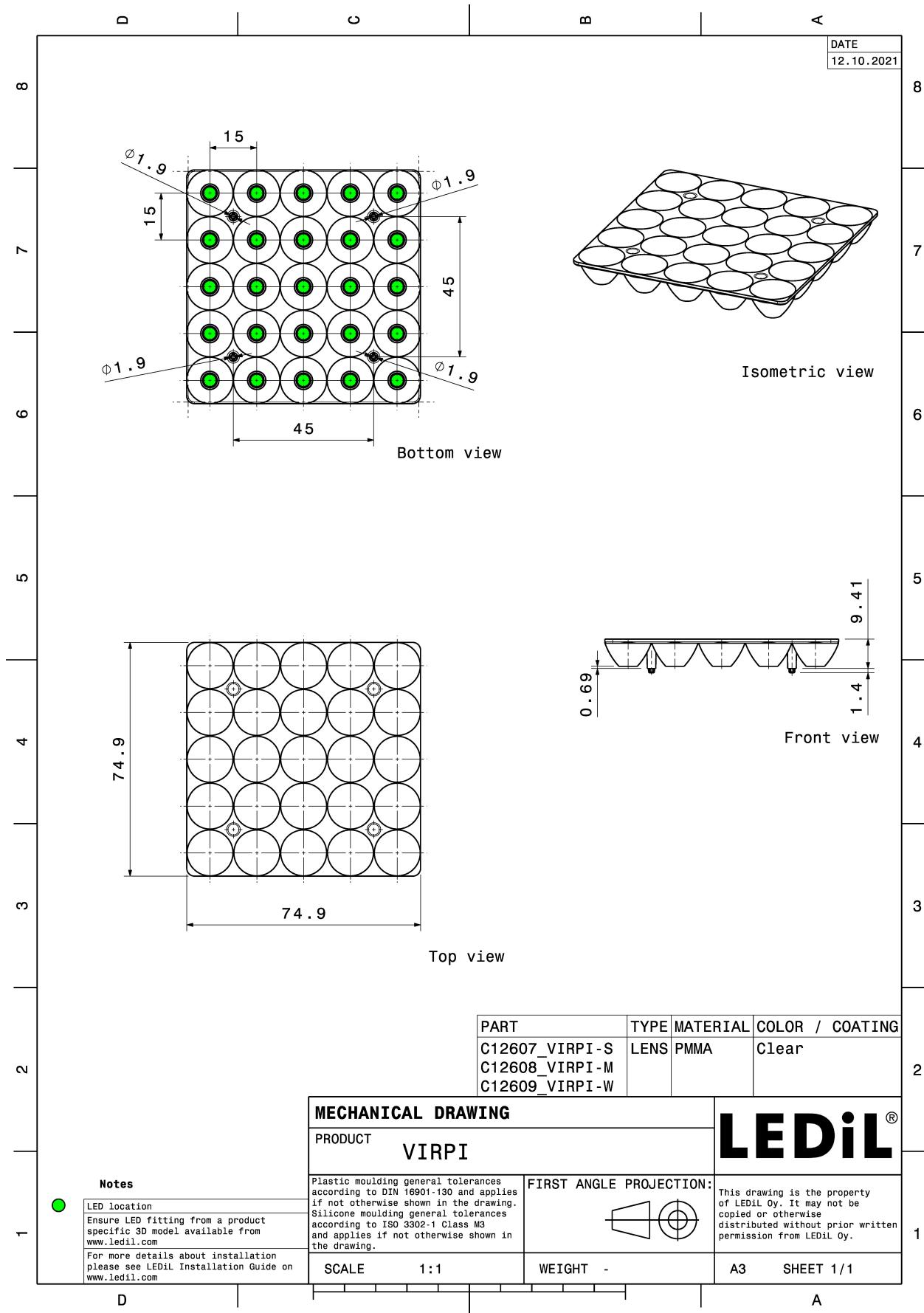


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
VIRPI-S	Multi-lens	PMMA	clear		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12607_VIRPI-S	360	45	15	12.0
» Box size: 480 x 280 x 300 mm				

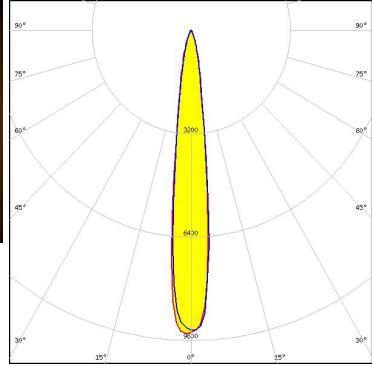


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



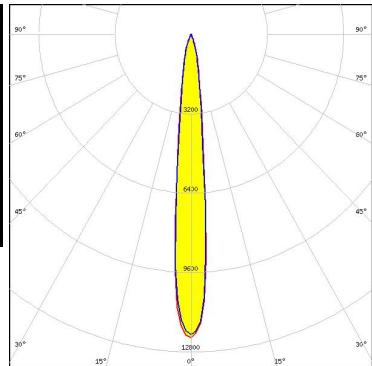
LED XB-D  
FWHM / FWTM 13.0° / 30.0°  
Efficiency 92 %  
Peak intensity 9.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



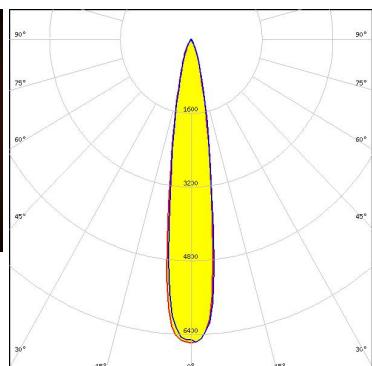
LED XP-E2  
FWHM / FWTM 11.0° / 27.0°  
Efficiency 94 %  
Peak intensity 12.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G  
FWHM / FWTM 16.0° / 36.0°  
Efficiency 94 %  
Peak intensity 6.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

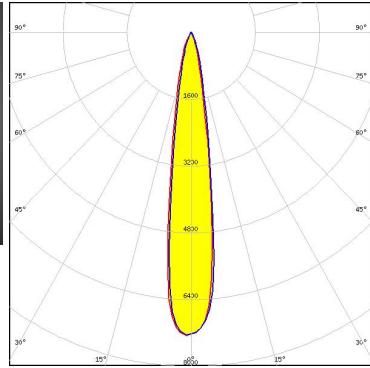
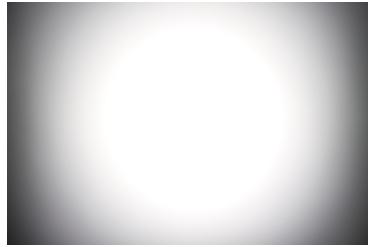


Light distribution files

## OPTICAL RESULTS (MEASURED):



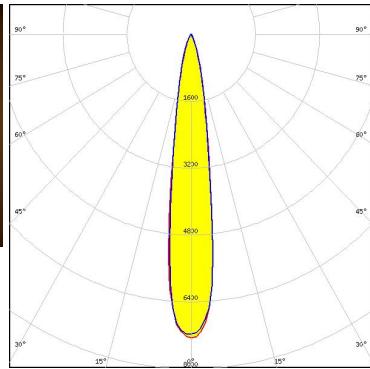
LED XP-G2  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 94 %  
Peak intensity 7.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



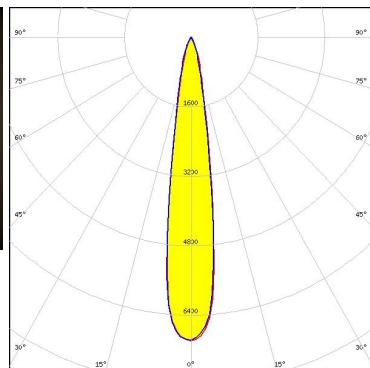
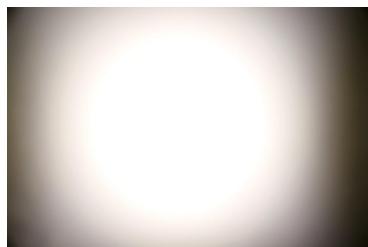
LED XT-E  
FWHM / FWTM 15.0° / 34.0°  
Efficiency 94 %  
Peak intensity 7.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

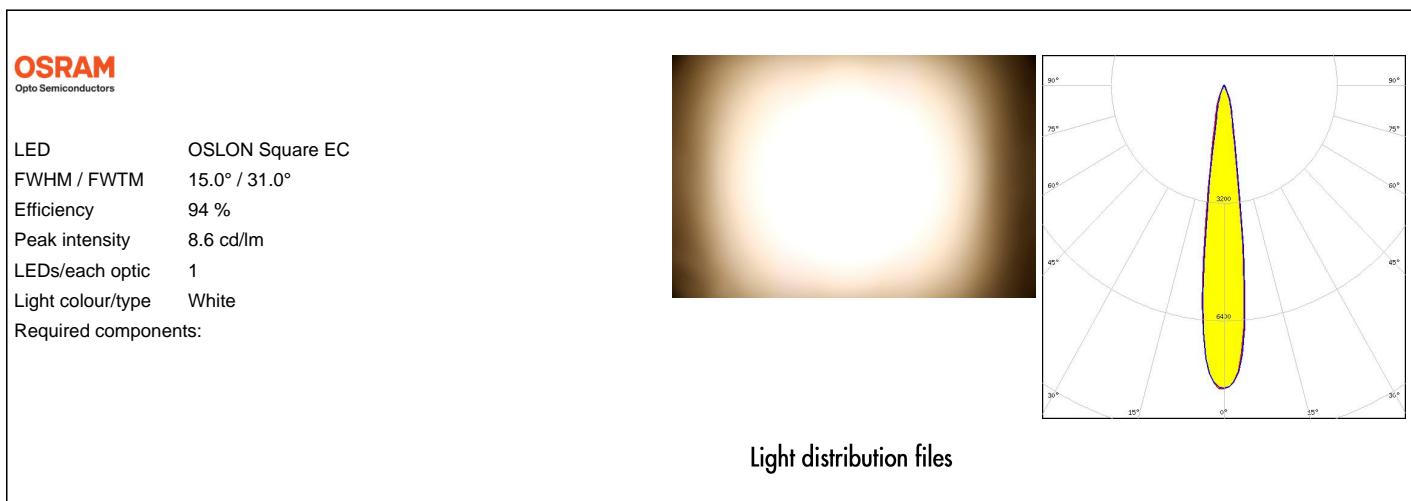
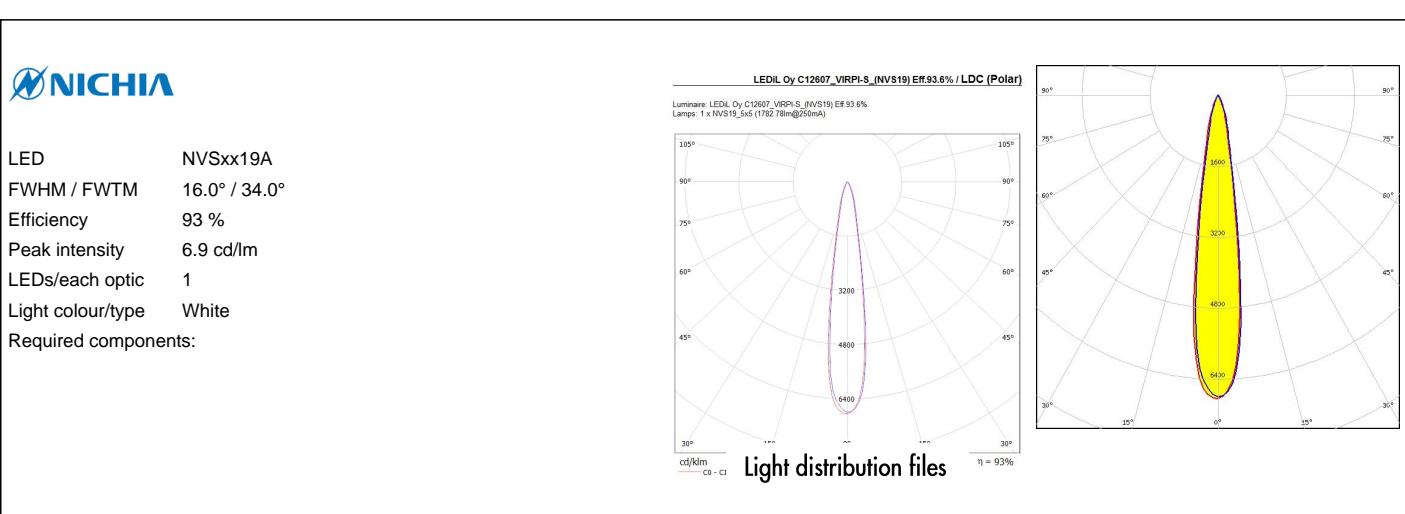


LED LUXEON Rebel ES  
FWHM / FWTM 16.0° / 29.0°  
Efficiency 94 %  
Peak intensity 6.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

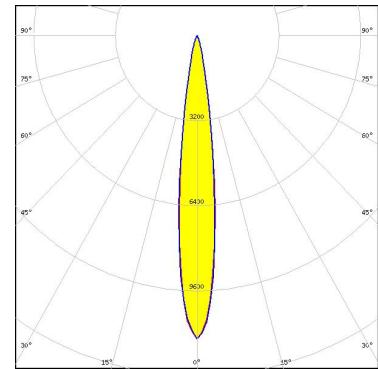
### OPTICAL RESULTS (MEASURED):



## OPTICAL RESULTS (SIMULATED):



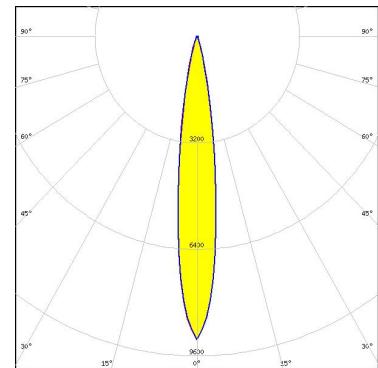
LED JB3030 HE B Class  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 95 %  
 Peak intensity 11.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



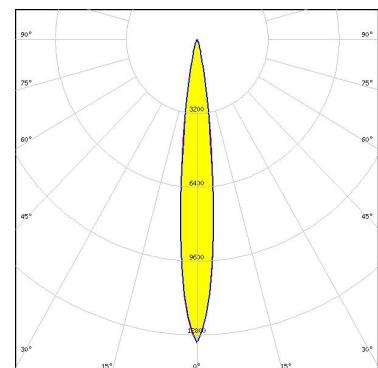
LED XD16  
 FWHM / FWTM 14.0° / 30.0°  
 Efficiency 94 %  
 Peak intensity 9.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON 2835 Architectural  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 95 %  
 Peak intensity 13.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

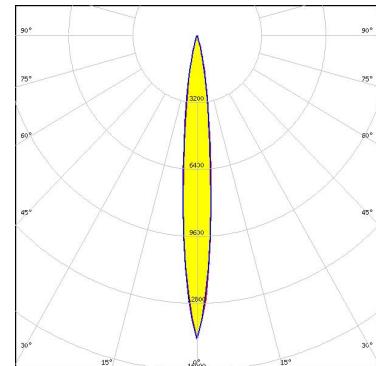


Light distribution files

## OPTICAL RESULTS (SIMULATED):



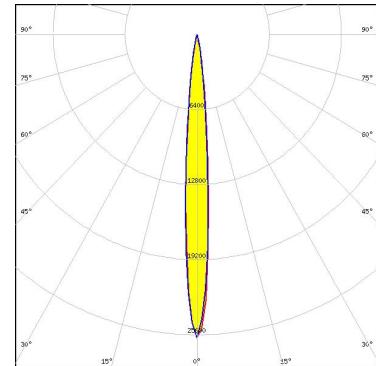
LED	LUXEON C
FWHM / FWTM	11.0° / 25.0°
Efficiency	86 %
Peak intensity	14.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON CZ
FWHM / FWTM	8.8° / 19.0°
Efficiency	94 %
Peak intensity	26 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

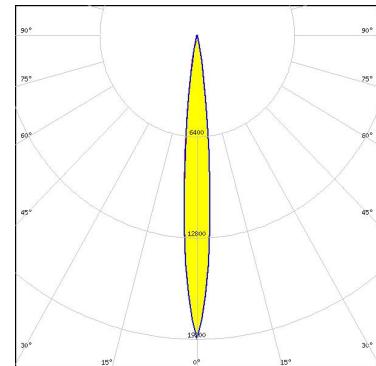


Light distribution files



LED	LUXEON HL1Z (White)
FWHM / FWTM	10.0° / 20.0°
Efficiency	88 %
Peak intensity	19.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

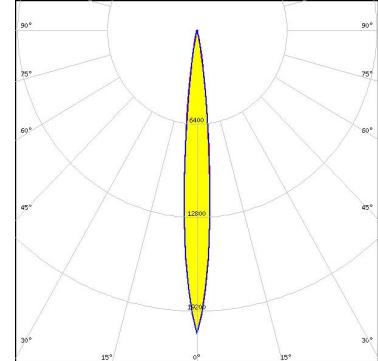


Light distribution files

## OPTICAL RESULTS (SIMULATED):



LED LUXEON HL1Z (White)  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 96 %  
 Peak intensity 20.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

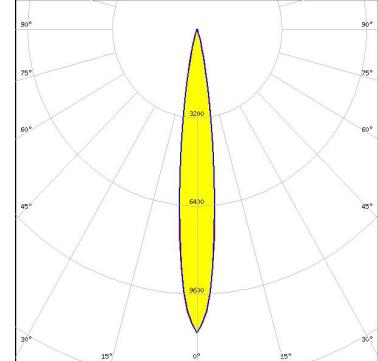


Light distribution files



LED LUXEON HL2Z  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 90 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

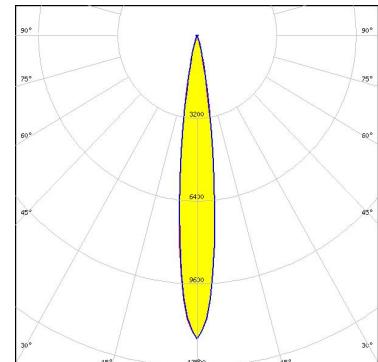
Protective plate, glass



Light distribution files



LED LUXEON HL2Z  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 97 %  
 Peak intensity 11.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

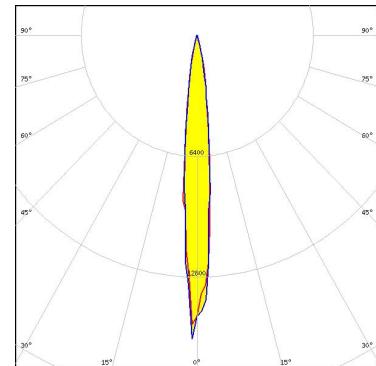


Light distribution files

## OPTICAL RESULTS (SIMULATED):



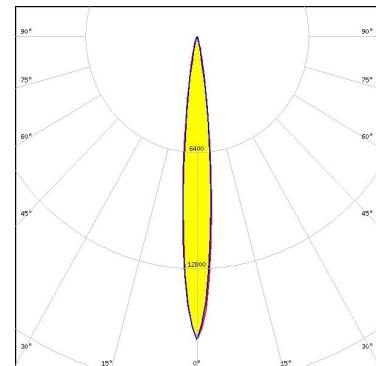
LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	13.0° / 25.0°
Efficiency	88 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



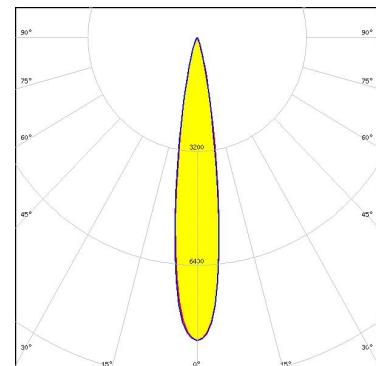
LED	LUXEON SunPlus 35 Line
FWHM / FWTM	12.0° / 23.0°
Efficiency	94 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON T
FWHM / FWTM	16.0° / 31.0°
Efficiency	93 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

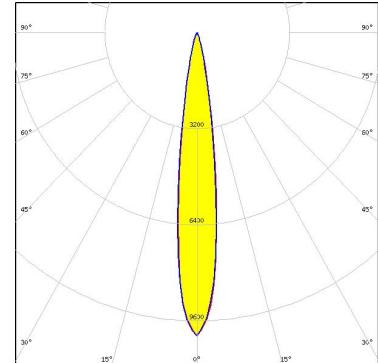


Light distribution files

## OPTICAL RESULTS (SIMULATED):



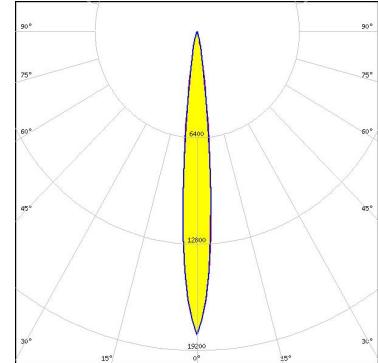
LED	LUXEON TX
FWHM / FWTM	15.0° / 29.0°
Efficiency	91 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON Z ES
FWHM / FWTM	10.0° / 22.0°
Efficiency	96 %
Peak intensity	18.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

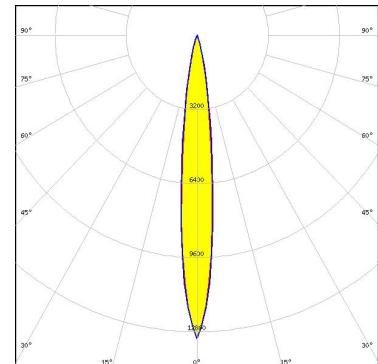


Protective plate, glass

Light distribution files



LED	SST-10-B130
FWHM / FWTM	12.0° / 27.0°
Efficiency	95 %
Peak intensity	13.1 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	

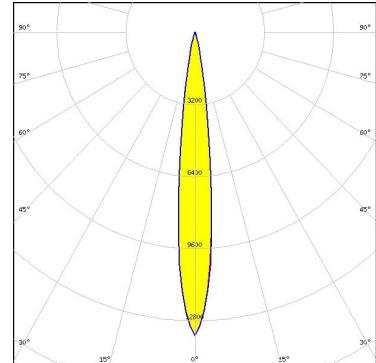


Light distribution files

## OPTICAL RESULTS (SIMULATED):



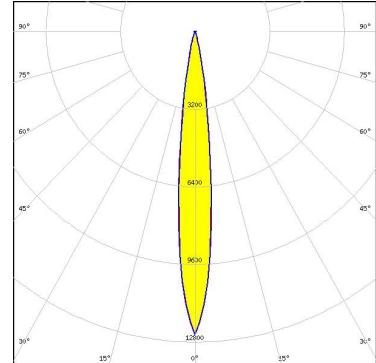
LED SST-20 Gen1  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 95 %  
 Peak intensity 13.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



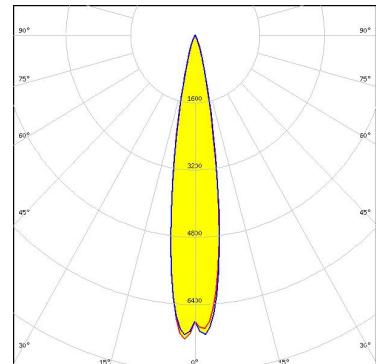
LED NVSxE21A  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 95 %  
 Peak intensity 12.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 18.0° / 33.0°  
 Efficiency 94 %  
 Peak intensity 7.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



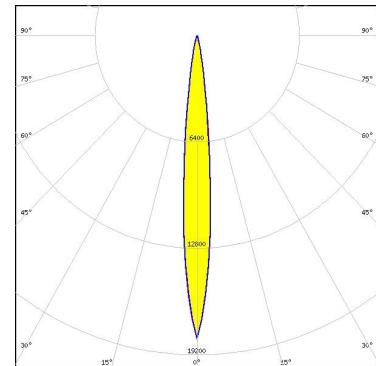
Light distribution files

## OPTICAL RESULTS (SIMULATED):

### OSRAM

Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	10.0° / 22.0°
Efficiency	95 %
Peak intensity	18.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

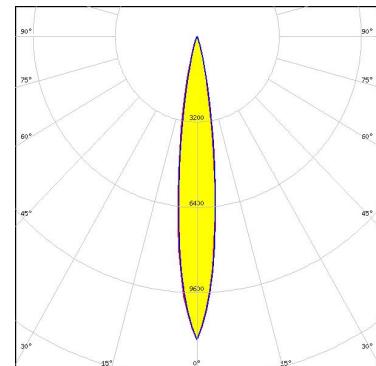


Light distribution files

### OSRAM

Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	14.0° / 28.0°
Efficiency	96 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	

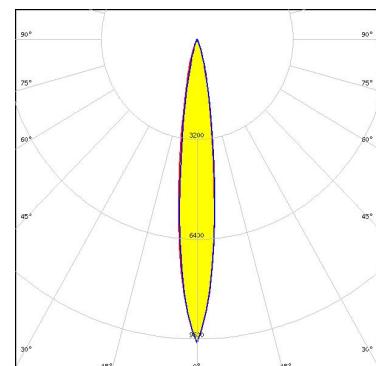


Light distribution files

### OSRAM

Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	14.0° / 30.0°
Efficiency	95 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



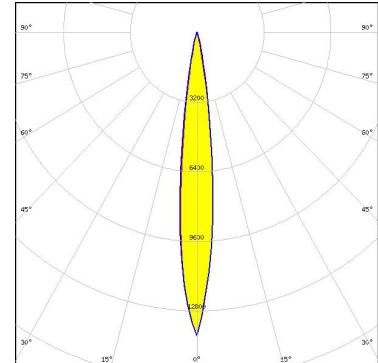
Light distribution files

## OPTICAL RESULTS (SIMULATED):

### OSRAM

Opto Semiconductors

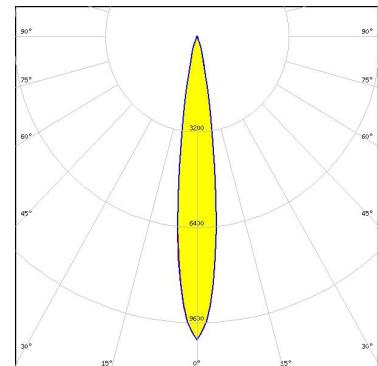
LED SFH 4715AS  
FWHM / FWTM 13.0° / 24.0°  
Efficiency 94 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

### SAMSUNG

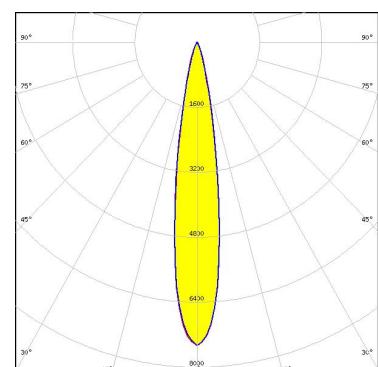
LED LH181B  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 95 %  
Peak intensity 10.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LH351B  
FWHM / FWTM 17.0° / 33.0°  
Efficiency 97 %  
Peak intensity 7.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

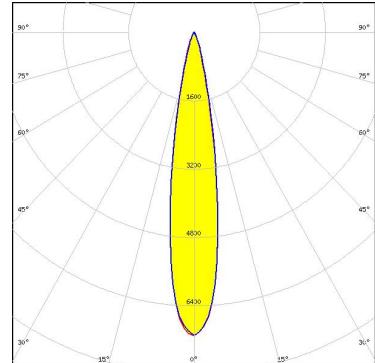


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

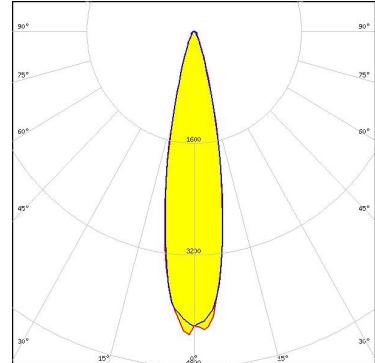
LED LH351C  
 FWHM / FWTM 18.0° / 34.0°  
 Efficiency 97 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### SAMSUNG

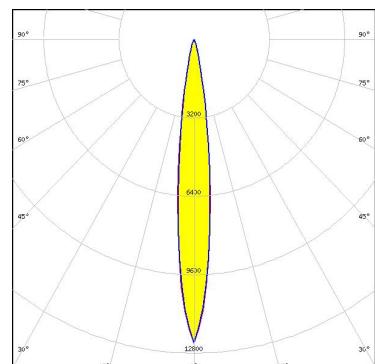
LED LH351D  
 FWHM / FWTM 22.0° / 42.0°  
 Efficiency 96 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

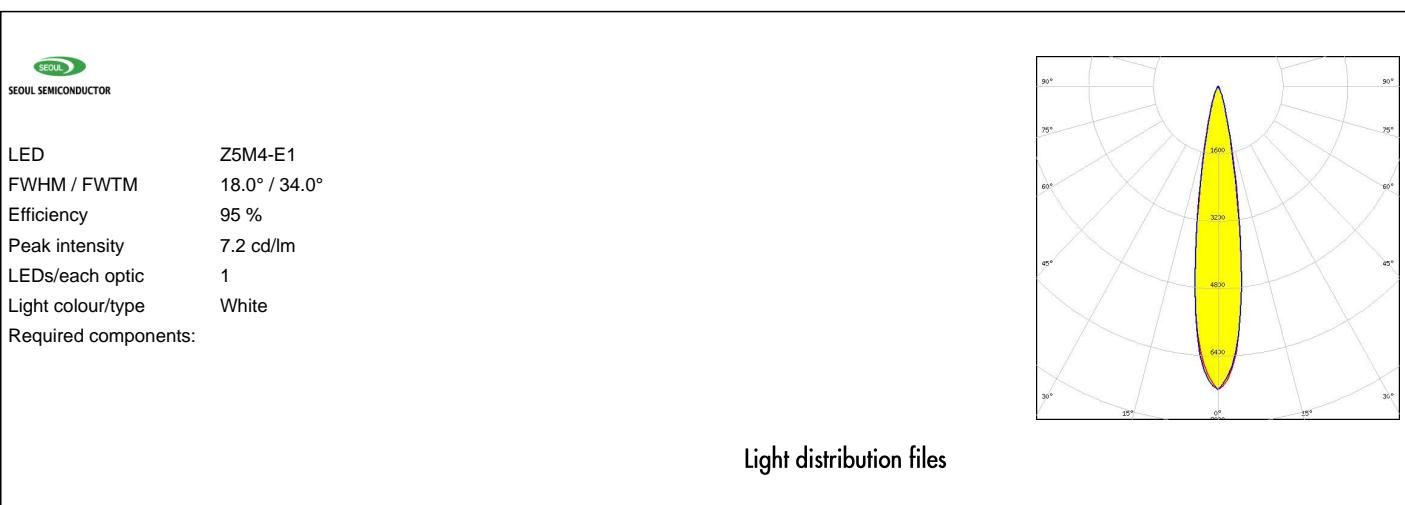
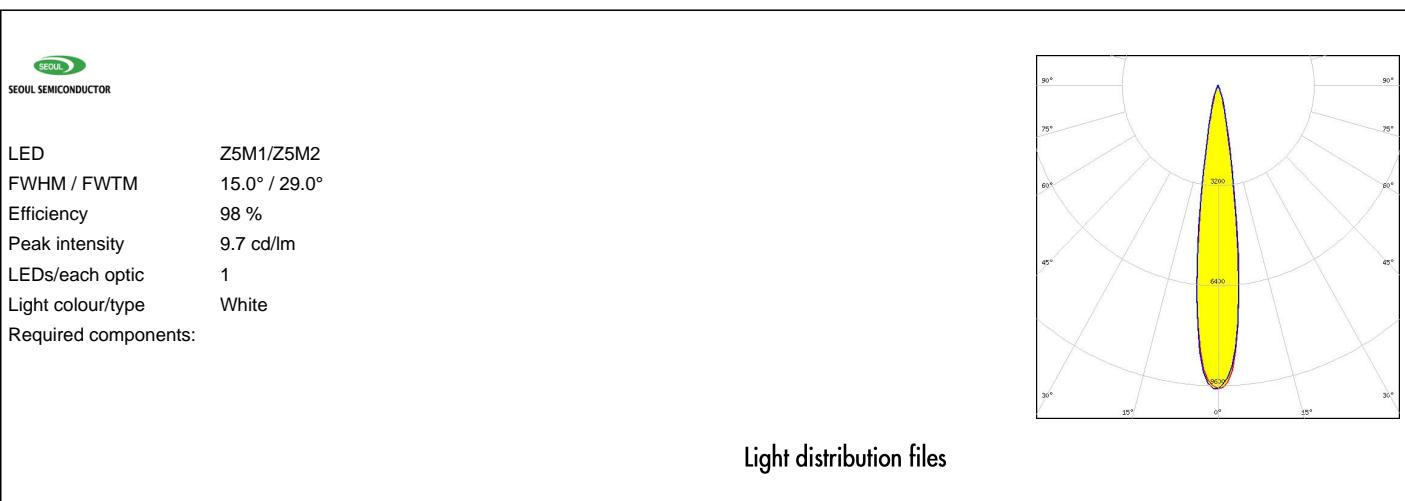
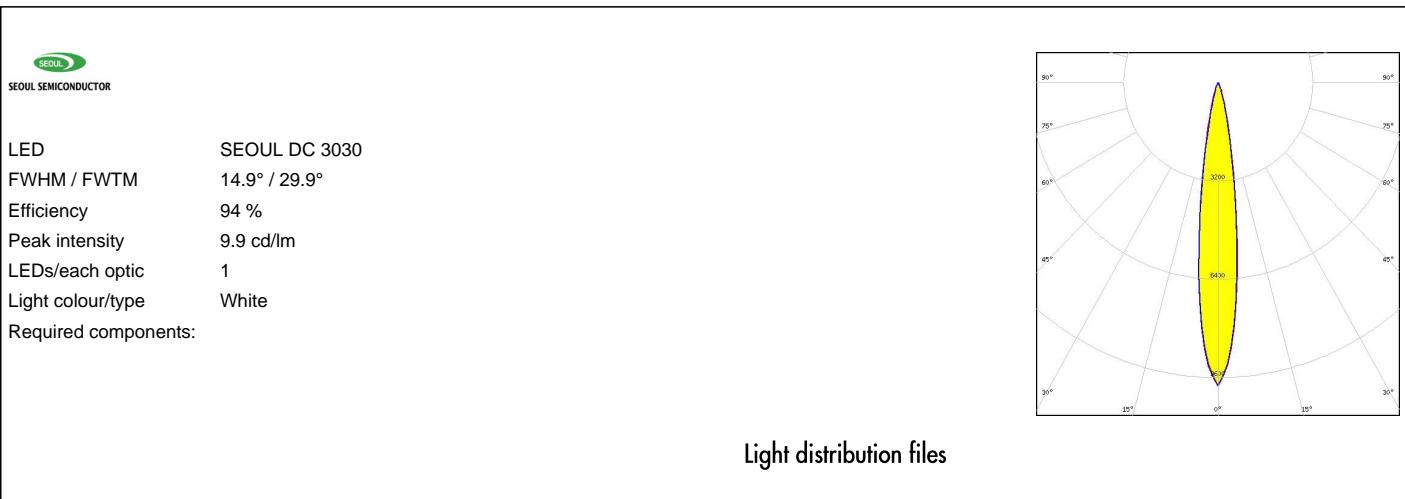
### SAMSUNG

LED LM301B  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 96 %  
 Peak intensity 12.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

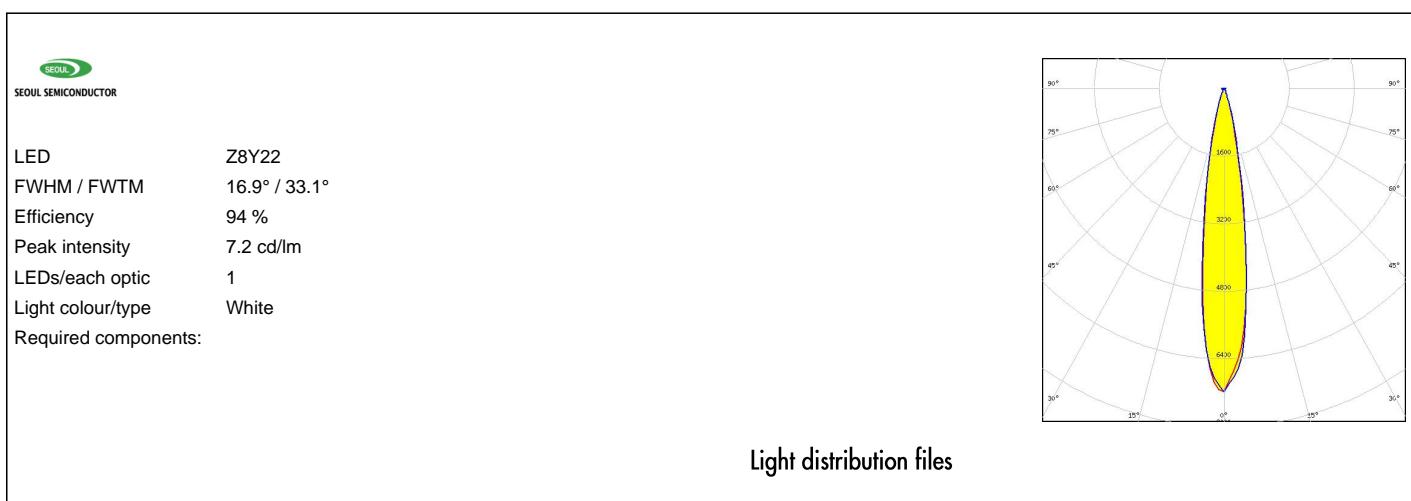
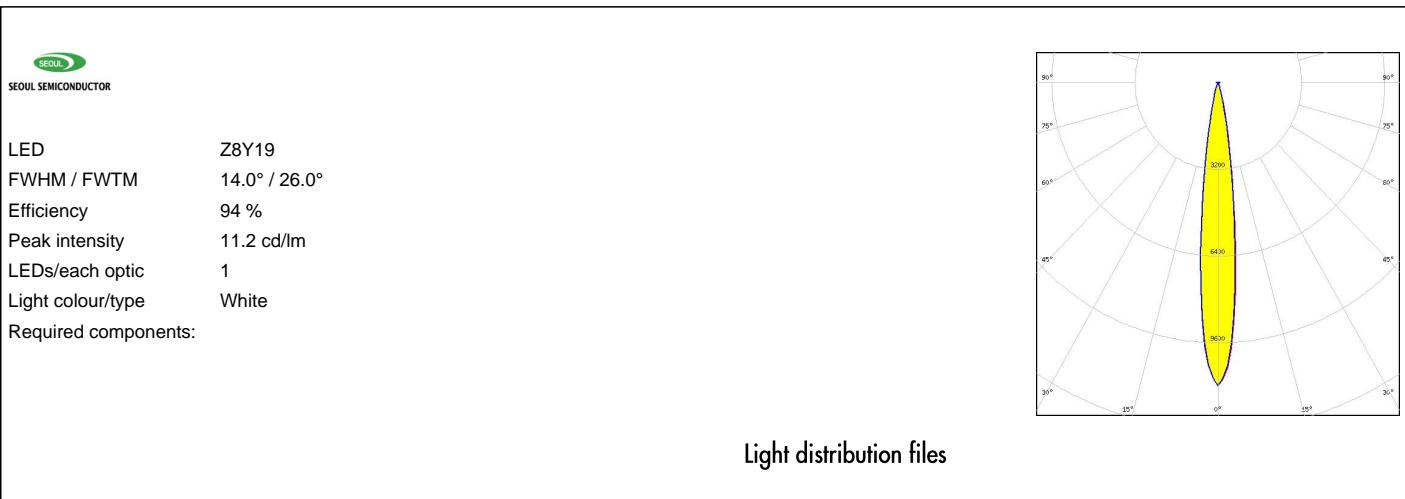


Light distribution files

## OPTICAL RESULTS (SIMULATED):



## OPTICAL RESULTS (SIMULATED):



## 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.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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