

## FLORENCE-Z30

~30° medium beam

### SPECIFICATION:

Dimensions	286.0 x 61.0
Height	8.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

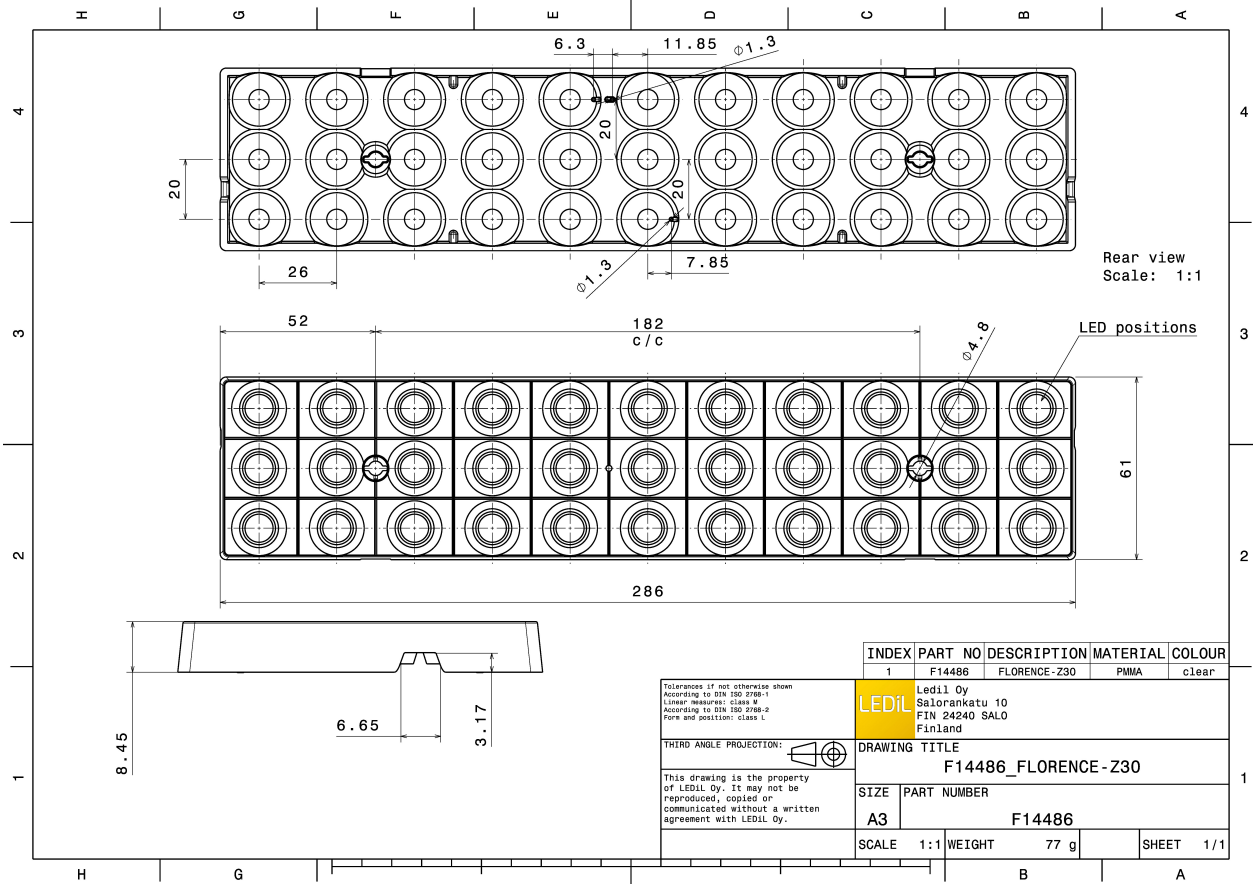
### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLORENCE-Z30	Linear lens	PMMA	clear		



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14486_FLORENCE-Z30 » Box size: 398 x 298 x 140 mm	72	72	6	7.1

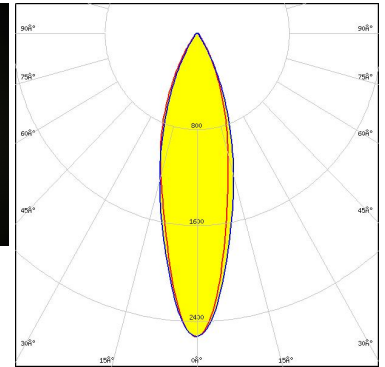
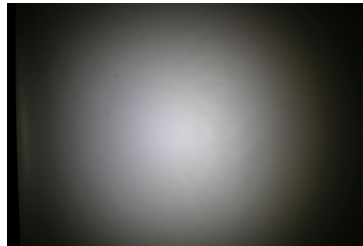


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

#### inventronics

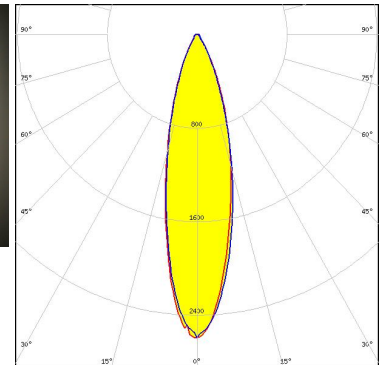
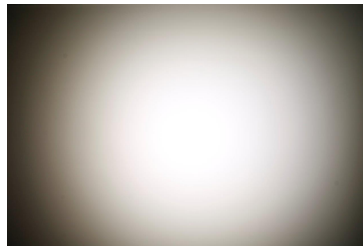
LED PL-BAR-G3 1100 280x55  
FWHM / FWTM 28.0° / 61.0°  
Efficiency 94 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### LUMILEDS

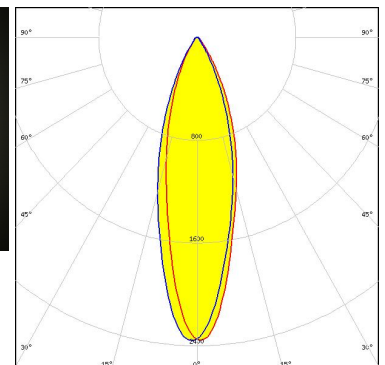
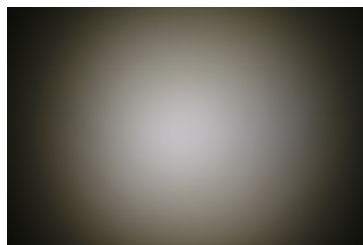
LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 26.0° / 56.0°  
Efficiency 87 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### LUMILEDS

LED LUXEON 3535L HE  
FWHM / FWTM 29.0° / 63.0°  
Efficiency 93 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

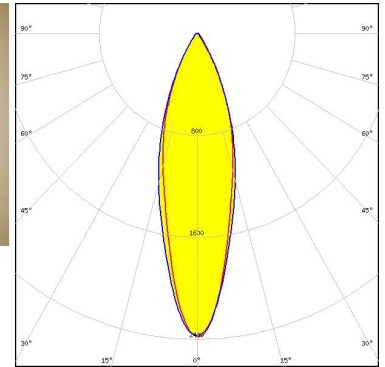
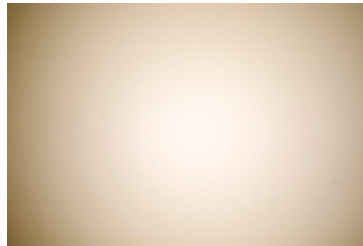


Light distribution files

#### OPTICAL RESULTS (MEASURED):



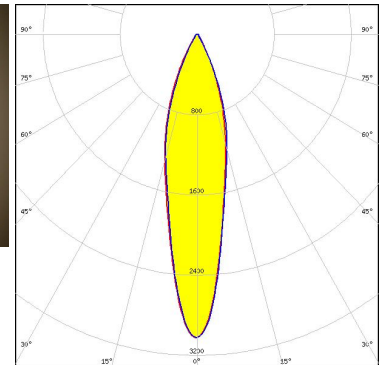
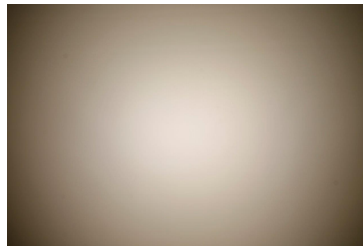
LED LUXEON XR-3535L (L202 - xxxx033C30001)  
FWHM / FWTM 27.0° / 63.0°  
Efficiency 93 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



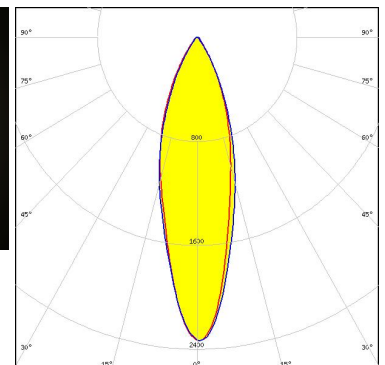
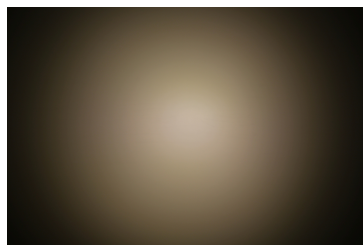
LED MP-2016  
FWHM / FWTM 24.0° / 56.0°  
Efficiency 92 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NFSW757H  
FWHM / FWTM 29.0° / 64.0°  
Efficiency 94 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

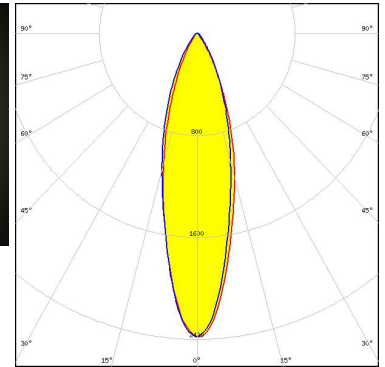
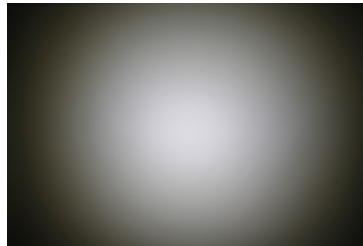


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

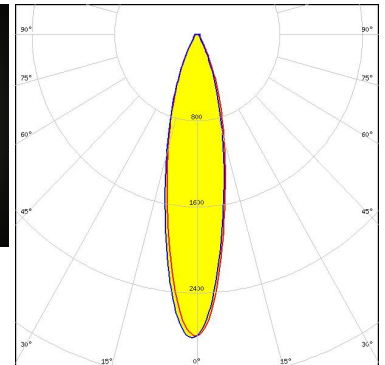
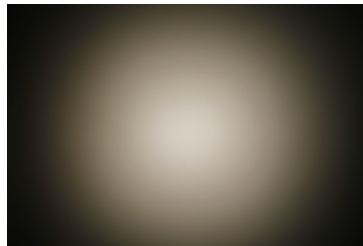
LED Duris E5  
FWHM / FWTM 28.0° / 62.0°  
Efficiency 91 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

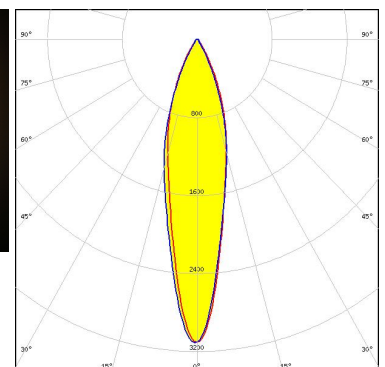
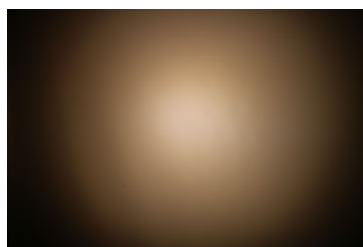
LED Duris S2  
FWHM / FWTM 23.0° / 54.0°  
Efficiency 90 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**PHILIPS**

LED Fortimo LED Line VO 1ft MF 3R HV5  
FWHM / FWTM 23.0° / 58.0°  
Efficiency 97 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

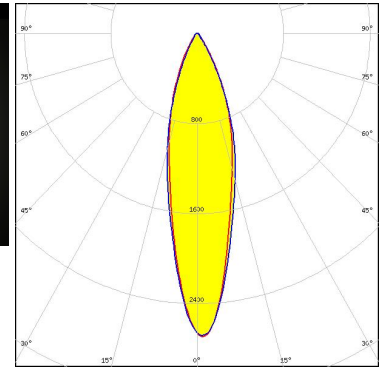
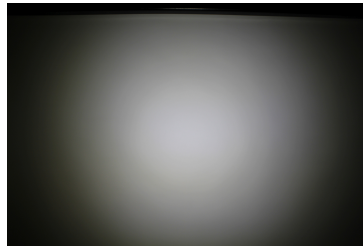


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### PHILIPS

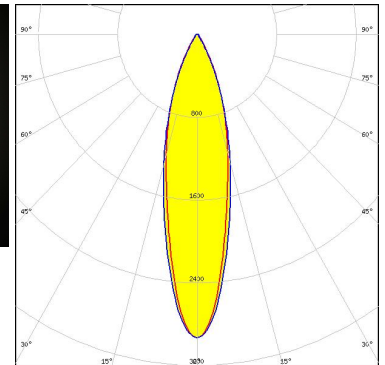
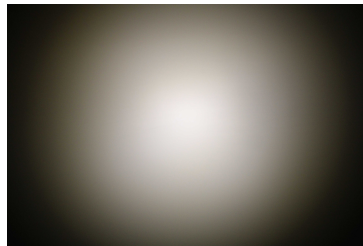
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4  
 FWHM / FWTM 26.0° / 60.0°  
 Efficiency 94 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### PHILIPS

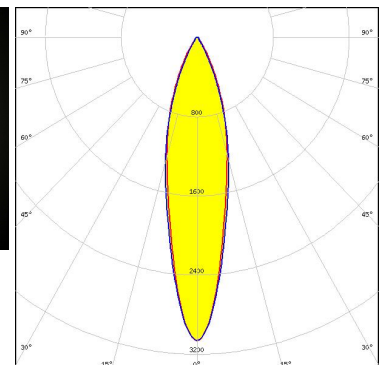
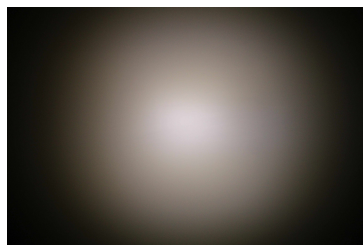
LED Fortimo LED Line 1ft HF 3R HV5  
 FWHM / FWTM 25.0° / 57.0°  
 Efficiency 96 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### PHILIPS

LED Fortimo LED Line 1ft LF 3R HV5 & LV5  
 FWHM / FWTM 24.0° / 57.0°  
 Efficiency 97 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

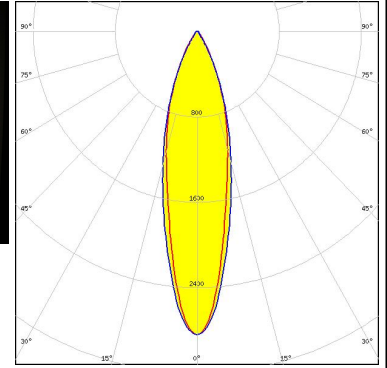


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### PHILIPS

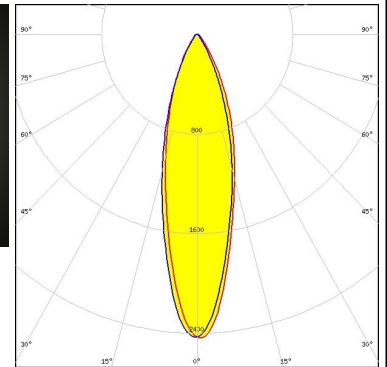
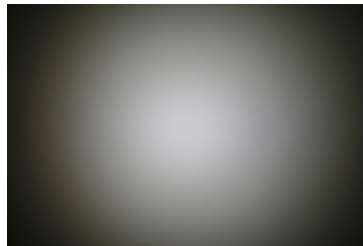
LED Fortimo LED Line 1ft MF 3R HV5 & LV5  
FWHM / FWTM 26.0° / 59.0°  
Efficiency 97 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

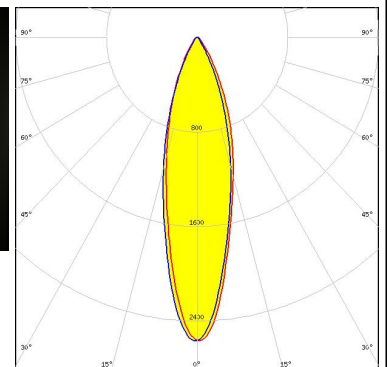
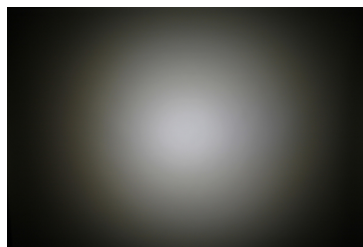
LED LM561B  
FWHM / FWTM 28.0° / 62.0°  
Efficiency 93 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LM561B Plus  
FWHM / FWTM 27.0° / 60.0°  
Efficiency 93 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

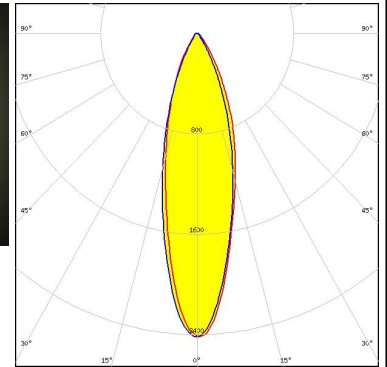


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

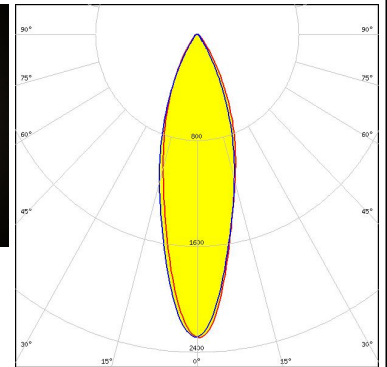
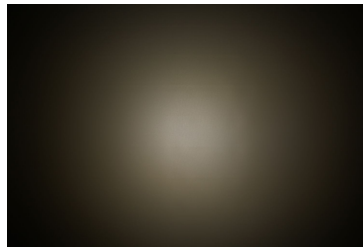
LED LM561C  
 FWHM / FWTM 28.0° / 62.0°  
 Efficiency 93 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### SAMSUNG

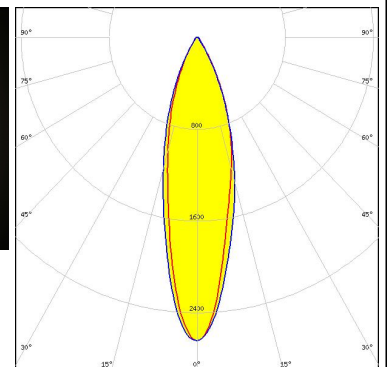
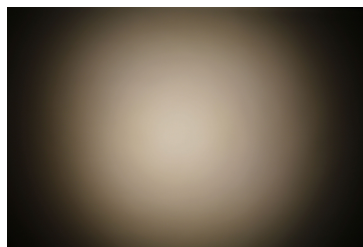
LED LT-R286A  
 FWHM / FWTM 29.0° / 65.0°  
 Efficiency 94 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



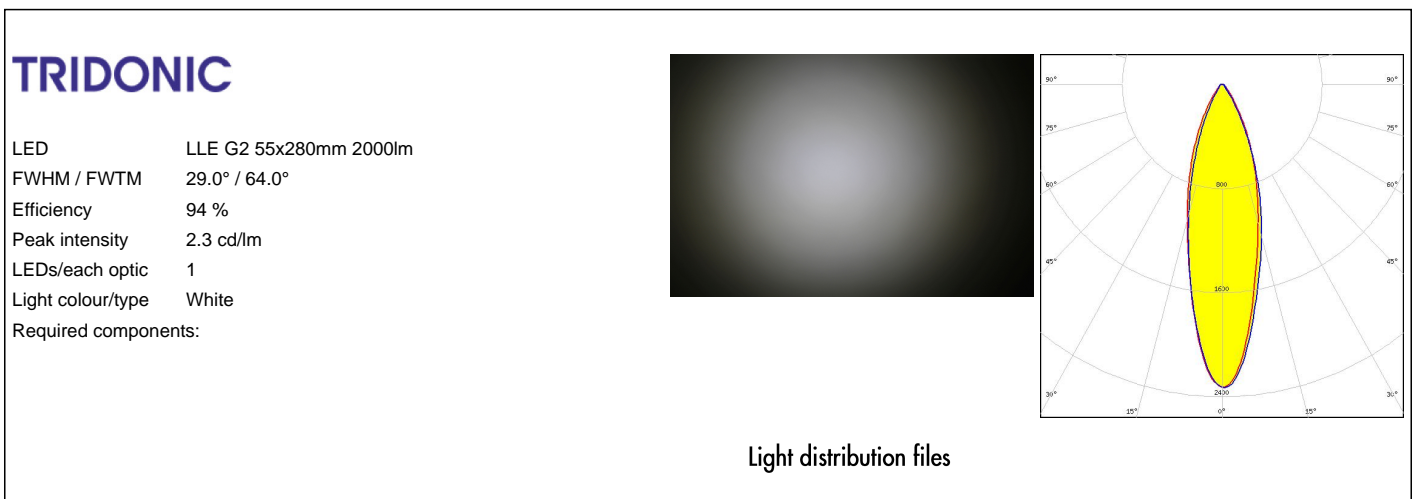
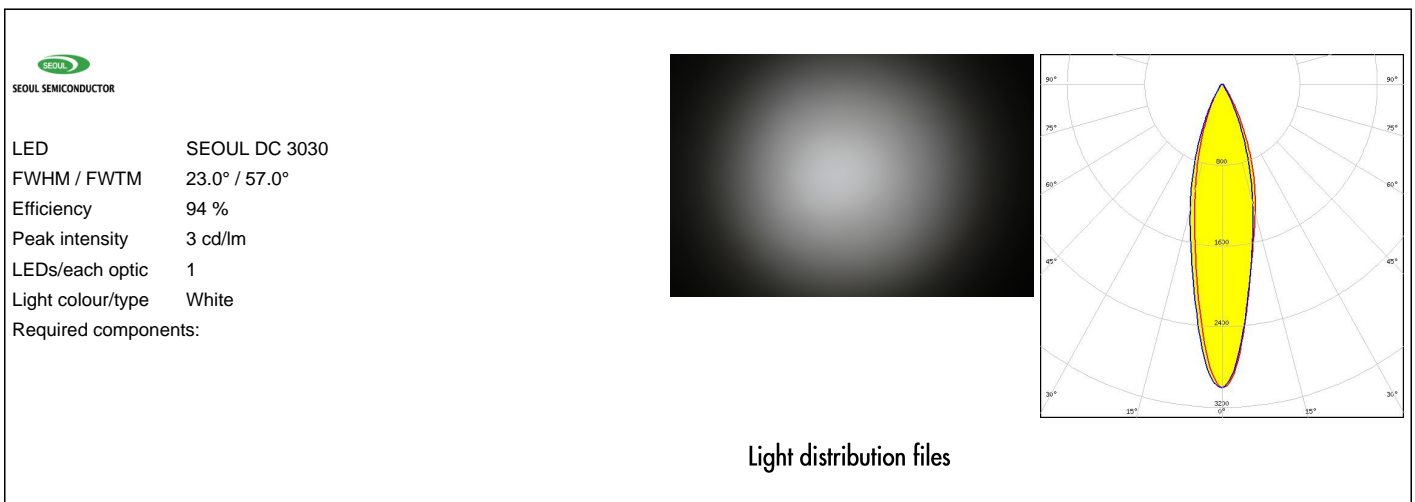
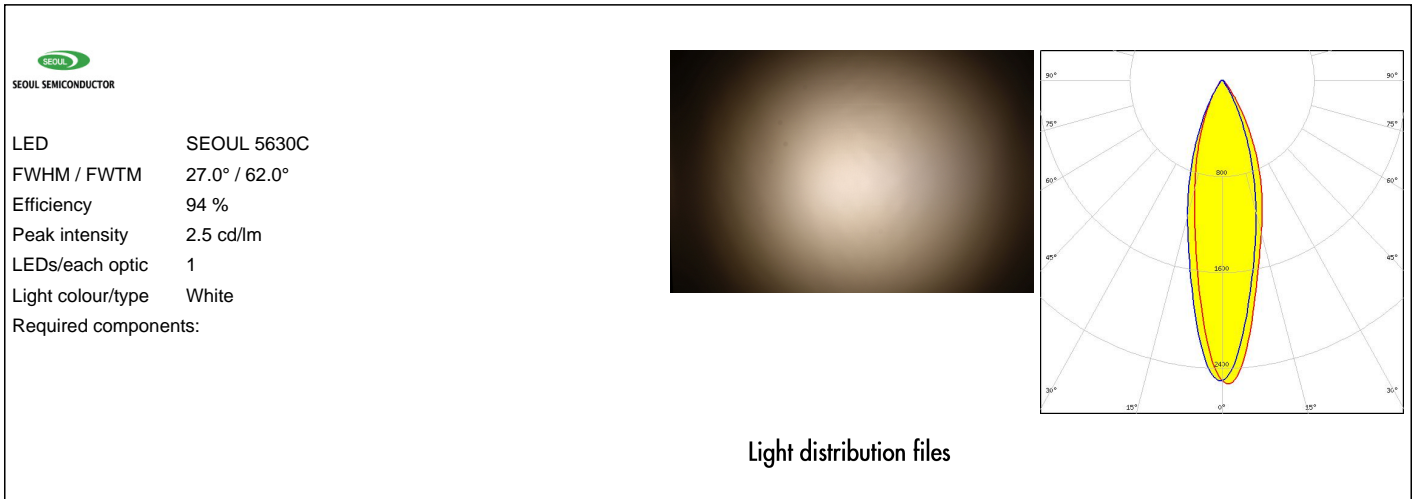
LED SEOUL 3030  
 FWHM / FWTM 27.0° / 60.0°  
 Efficiency 94 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



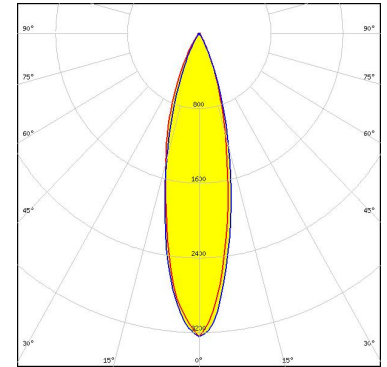
#### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):



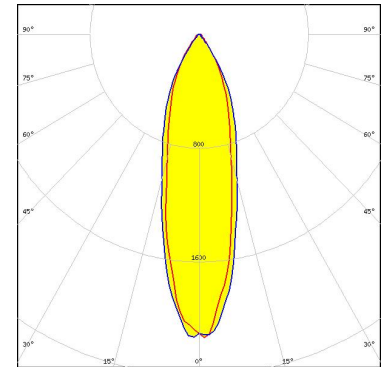
LED NF2x757G  
FWHM / FWTM 25.0° / 53.0°  
Efficiency 90 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



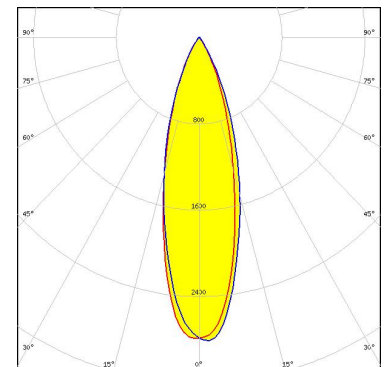
LED NFMW48xA  
FWHM / FWTM 27.0° / 69.0°  
Efficiency 91 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Duris E 2835  
FWHM / FWTM 29.0° / 58.0°  
Efficiency 94 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

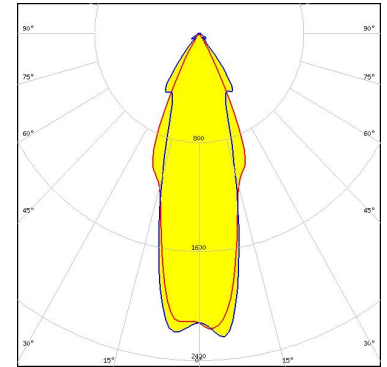


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

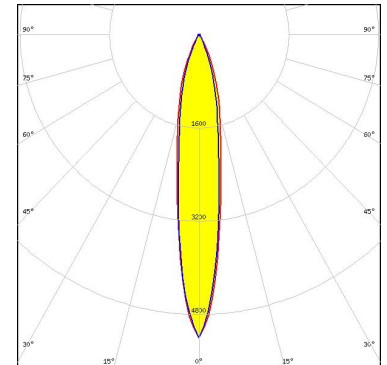
LED Duris E 2835  
 FWHM / FWTM 30.0° / 75.0°  
 Efficiency 96 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 2  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

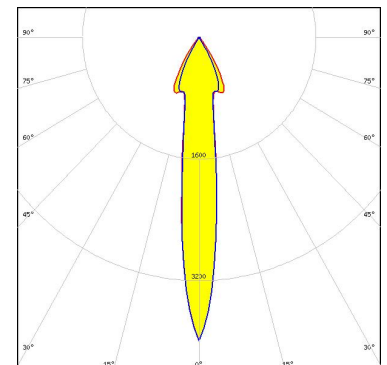
LED Duris S5 (Single chip)  
 FWHM / FWTM 17.0° / 47.0°  
 Efficiency 95 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 2424  
 FWHM / FWTM 14.0° / 68.0 + 56.0°  
 Efficiency 94 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

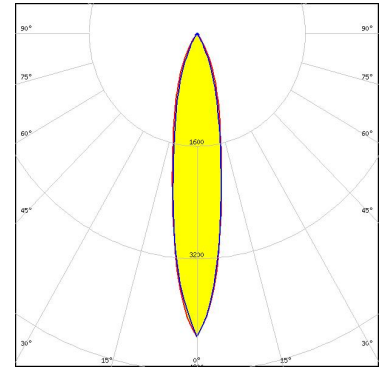


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

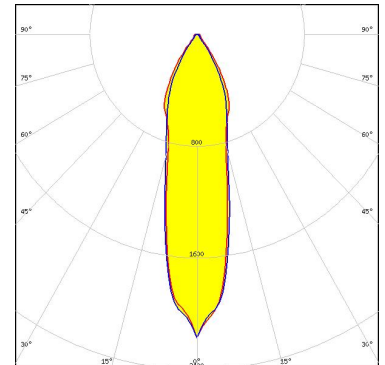
LED LM28xB Series  
FWHM / FWTM 20.0° / 52.0°  
Efficiency 95 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

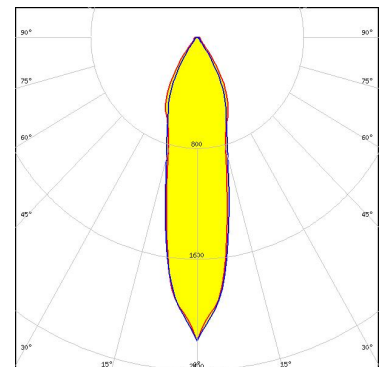
LED LM301B  
FWHM / FWTM 24.0 + 26.0° / 74.0 + 66.0°  
Efficiency 89 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LM302Z plus  
FWHM / FWTM 25.0° / 70.0°  
Efficiency 89 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:

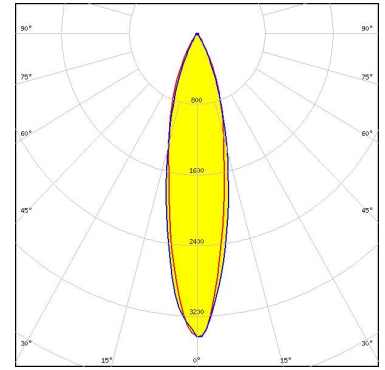


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

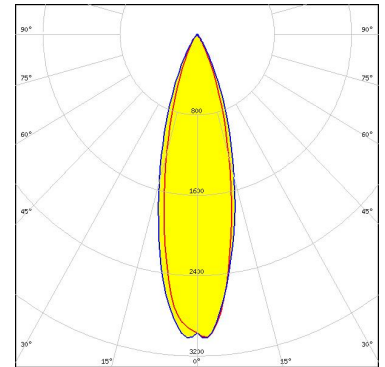
LED LM302Z plus  
FWHM / FWTM 23.0° / 54.0°  
Efficiency 94 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



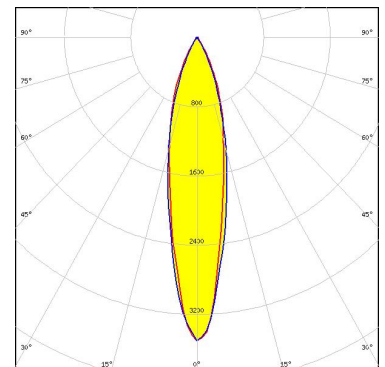
LED SEOUL 5630D  
FWHM / FWTM 29.0° / 58.0°  
Efficiency 90 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SEOUL DC 3030C  
FWHM / FWTM 23.0° / 54.0°  
Efficiency 94 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### 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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#### LEDiL Oy

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P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)