

## FLORENCE-Z30

~30° medium beam

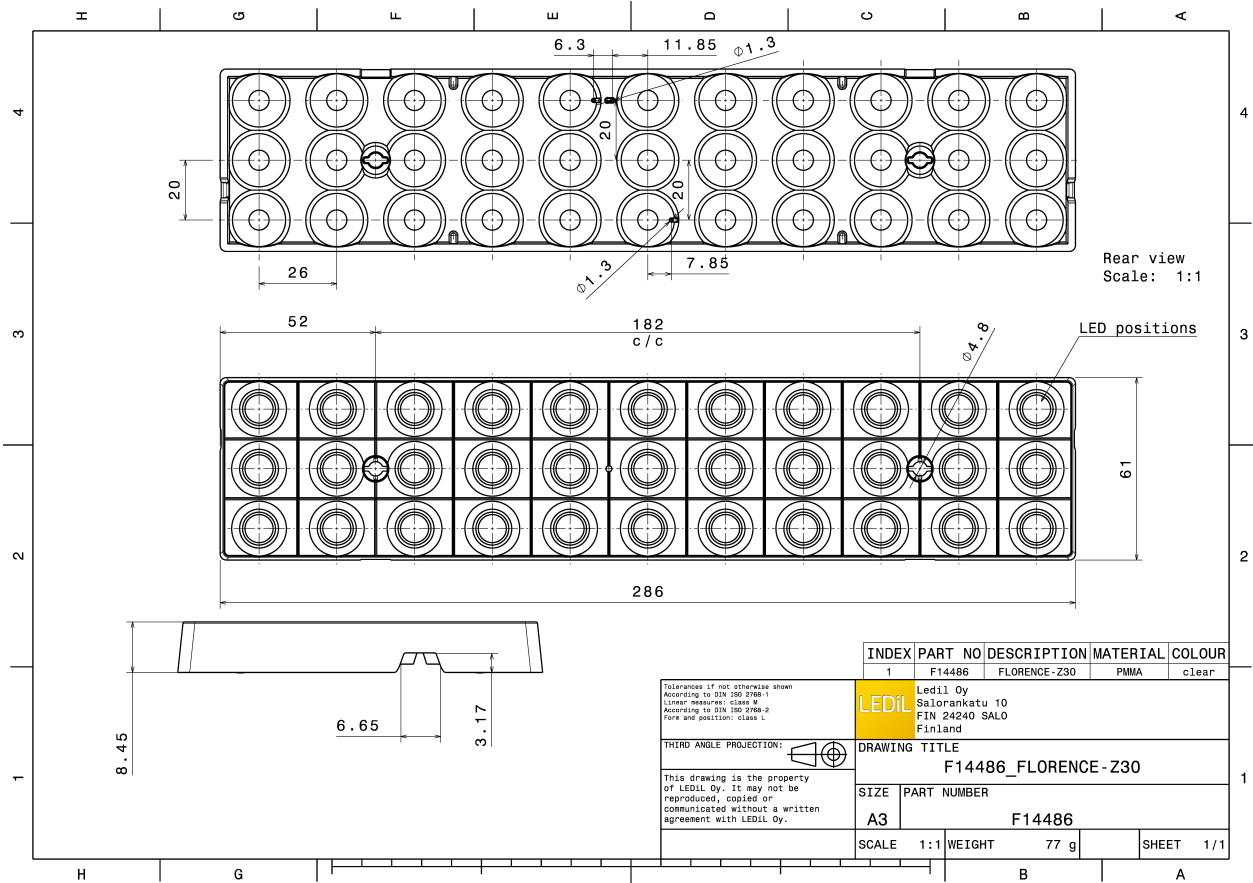
### TECHNICAL SPECIFICATIONS:

Dimensions	286.0 x 61.0 mm
Height	8.5 mm
Fastening	glue
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	7.1 kg
Quantity in Box	72 pcs
ROHS compliant	yes ⓘ

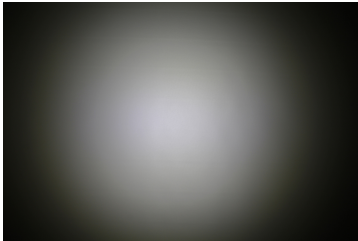
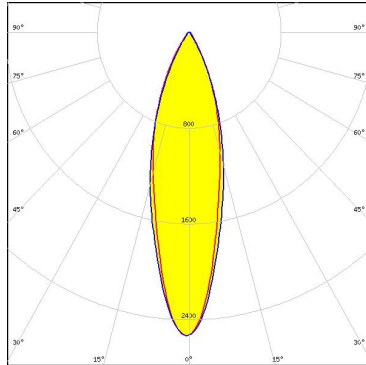
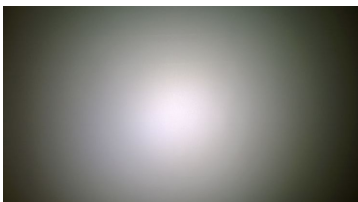
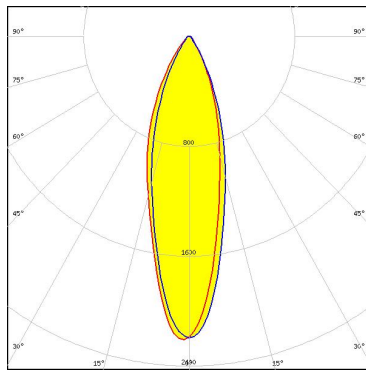

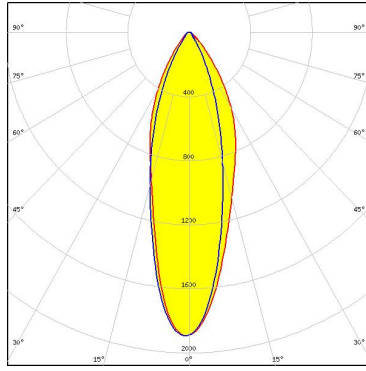
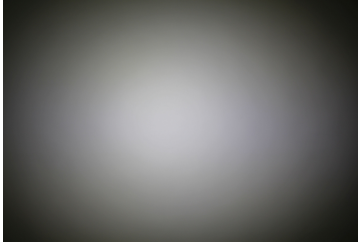
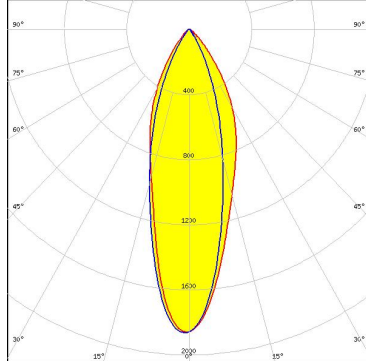


### MATERIAL SPECIFICATIONS:


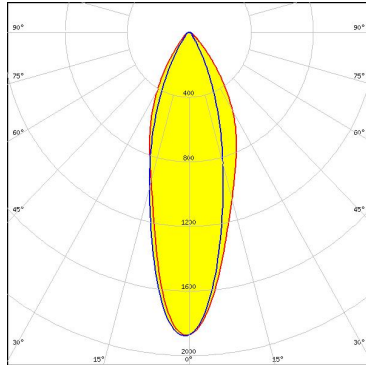
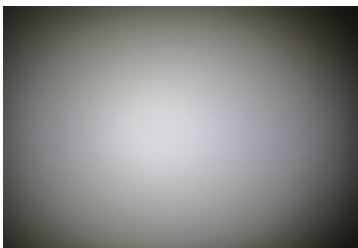
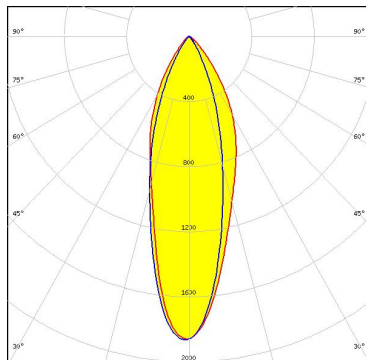
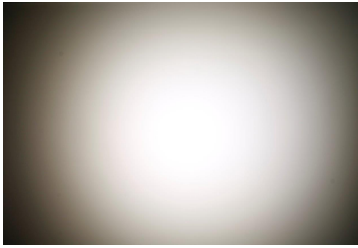
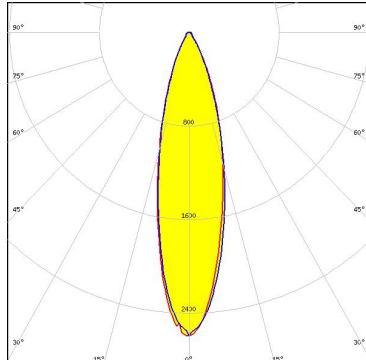
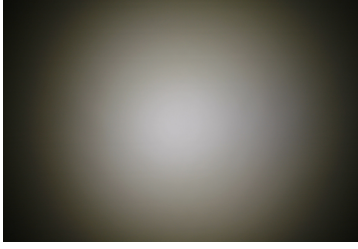
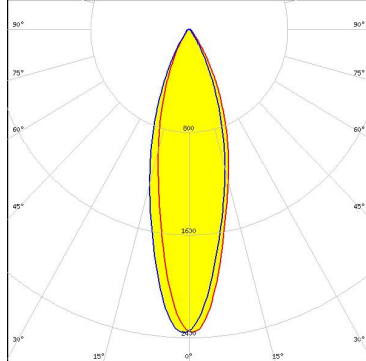
Component	Type	Material	Colour
FLORENCE-Z30	Linear lens	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

<p><b>COMET ELECTRONICS</b></p> <p>LED TRIDINO R3 8x0 1100 1ft HV            FWHM 28.0°            Efficiency 91 %            Peak intensity 2.500 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LG Innotek</b></p> <p>LED LG 5630            FWHM 29.0°            Efficiency 94 %            Peak intensity 2.200 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LG Innotek</b></p> <p>LED LG 6030            FWHM 31.0°            Efficiency 92 %            Peak intensity 1.900 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LG Innotek</b></p> <p>LED LG 6030            FWHM 31.0°            Efficiency 85 %            Peak intensity 1.870 cd/m            LEDs/each optic 1            Light colour White            Required components:            C14453_FLORENCE-3R-SHD-GR</p>		

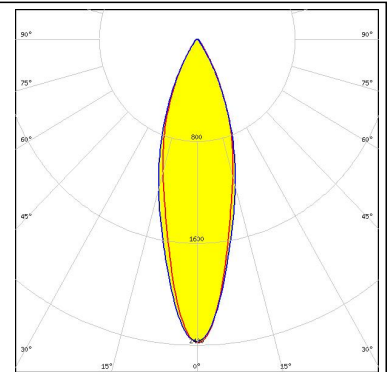
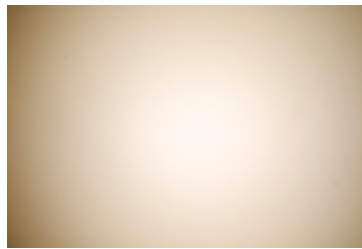
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LG Innotek</b></p> <p>LED LG 6030            FWHM 31.0°            Efficiency 89 %            Peak intensity 1.880 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14646_FLORENCE-3R-SHD-WHT</p>		
<p><b>LG Innotek</b></p> <p>LED LG 6030            FWHM 31.0°            Efficiency 83 %            Peak intensity 1.900 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14592_FLORENCE-3R-SHD-BLK</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 3030 2D (Round LES)            FWHM 26.0°            Efficiency 87 %            Peak intensity 2.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 3535L HE            FWHM 29.0°            Efficiency 93 %            Peak intensity 2.370 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

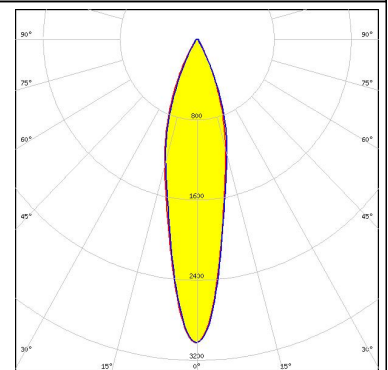
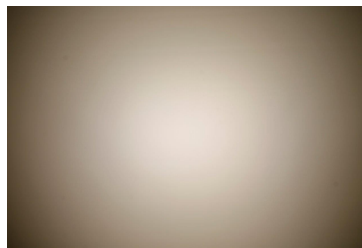
#### PHOTOMETRIC DATA (MEASURED):



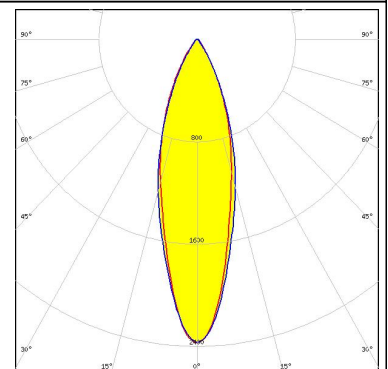
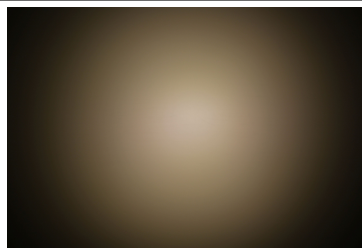
LED LUXEON XR-3535L (L202 - xxx033C30001)  
 FWHM 27.0°  
 Efficiency 93 %  
 Peak intensity 2.400 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



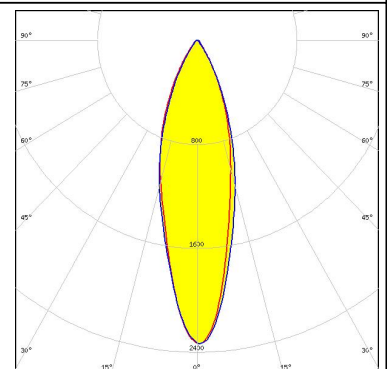
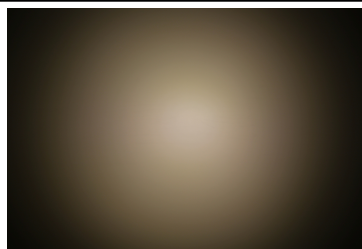
LED MP-2016  
 FWHM 24.0°  
 Efficiency 92 %  
 Peak intensity 3.000 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NFSW757H  
 FWHM 29.0°  
 Efficiency 94 %  
 Peak intensity 2.373 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14646\_FLORENCE-3R-SHD-WHT



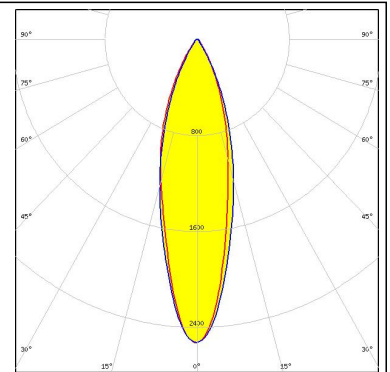
LED NFSW757H  
 FWHM 29.0°  
 Efficiency 94 %  
 Peak intensity 2.339 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

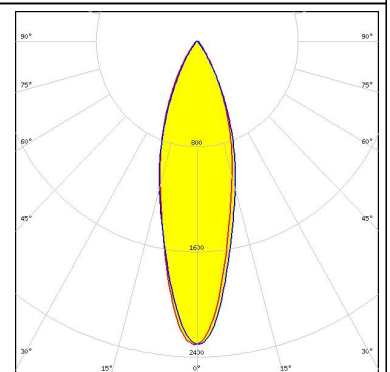
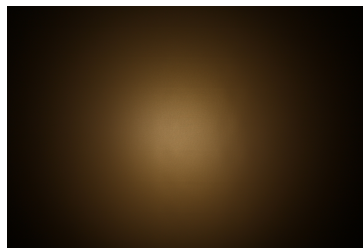
#### OSRAM

LED PL-BAR-G3 1100 280x55  
 FWHM 28.0°  
 Efficiency 94 %  
 Peak intensity 2.500 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

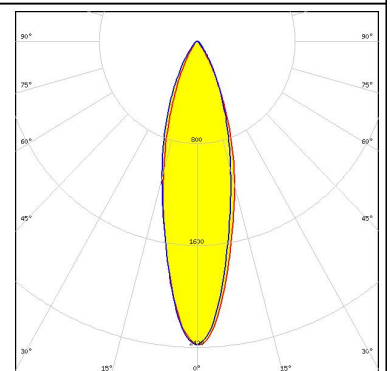
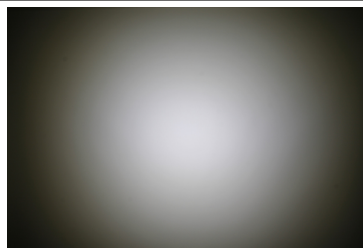
LED PLG2-BAR-1100-xxx-280x55-DC  
 FWHM 29.0°  
 Efficiency 91 %  
 Peak intensity 2.310 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

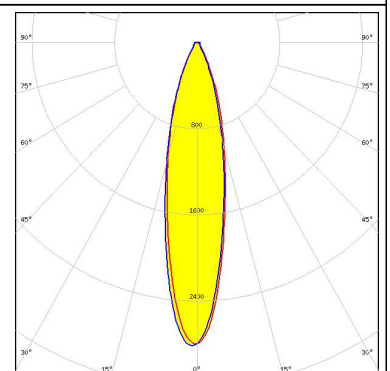
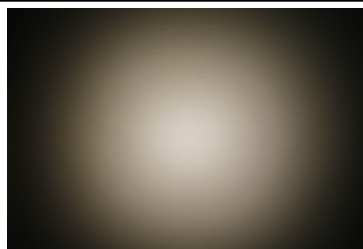
LED Duris E5  
 FWHM 28.0°  
 Efficiency 91 %  
 Peak intensity 2.400 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

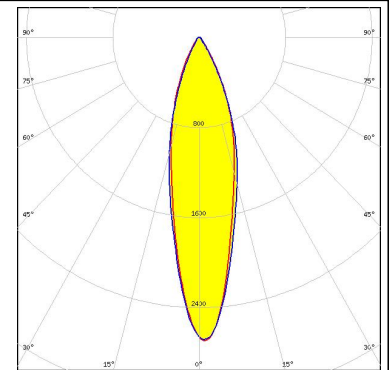
LED Duris S2  
 FWHM 23.0°  
 Efficiency 90 %  
 Peak intensity 2.820 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

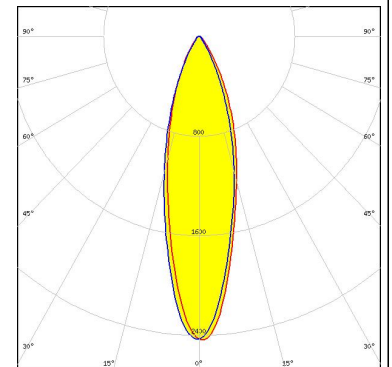
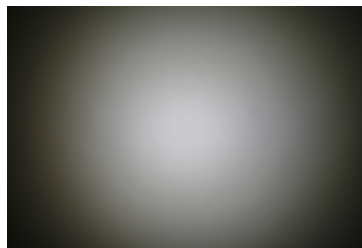
#### PHILIPS

LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4  
 FWHM 26.0°  
 Efficiency 94 %  
 Peak intensity 2.718 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



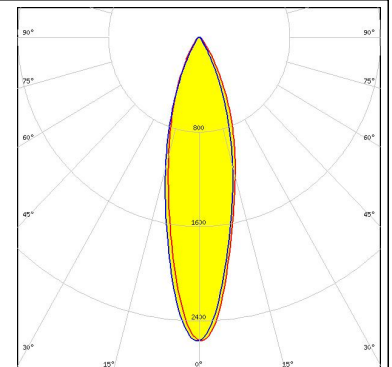
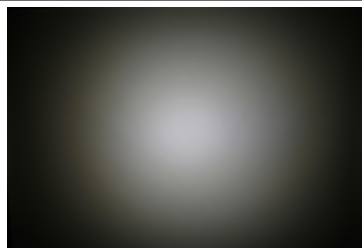
#### SAMSUNG

LED LM561B  
 FWHM 28.0°  
 Efficiency 93 %  
 Peak intensity 2.440 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



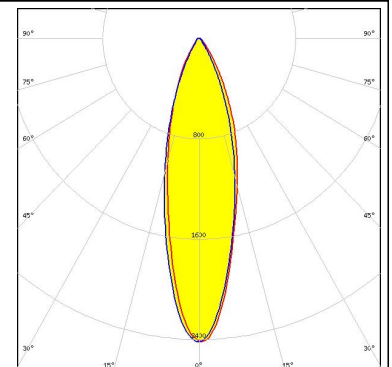
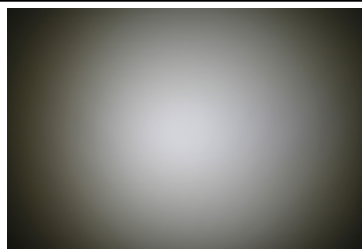
#### SAMSUNG

LED LM561B Plus  
 FWHM 27.0°  
 Efficiency 93 %  
 Peak intensity 2.570 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

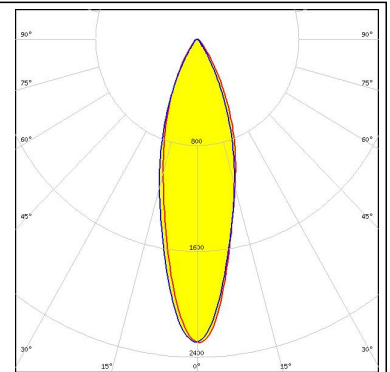
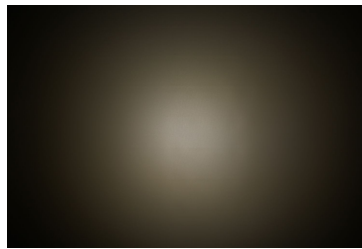
LED LM561C  
 FWHM 28.0°  
 Efficiency 93 %  
 Peak intensity 2.420 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



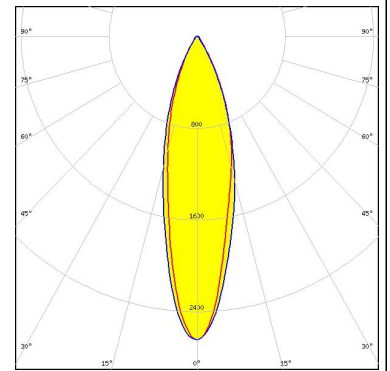
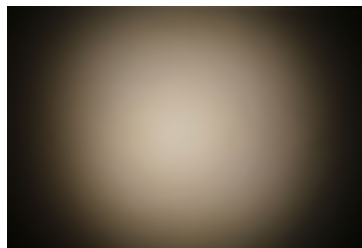
#### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

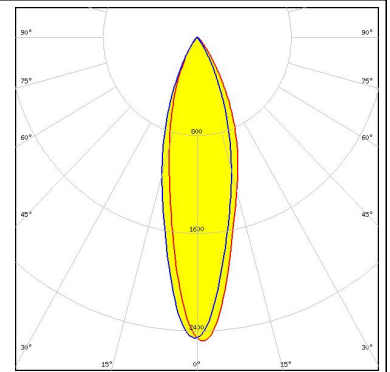
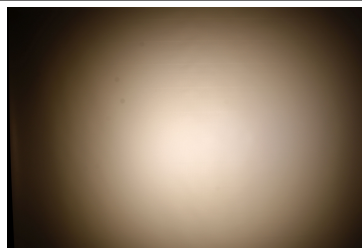
LED LT-R286A  
 FWHM 29.0°  
 Efficiency 94 %  
 Peak intensity 2.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



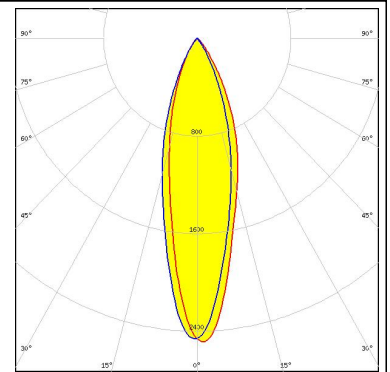
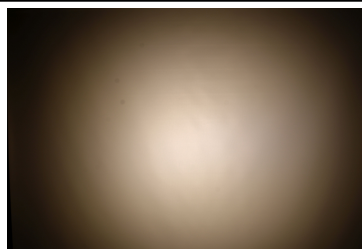
SEOUL SEMICONDUCTOR  
 LED SEOUL 3030  
 FWHM 27.0°  
 Efficiency 94 %  
 Peak intensity 2.645 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL 5630C  
 FWHM 27.0°  
 Efficiency 88 %  
 Peak intensity 2.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14453\_FLORENCE-3R-SHD-GR



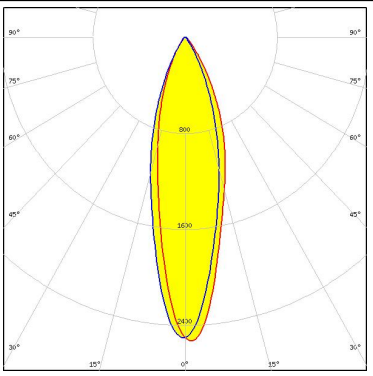


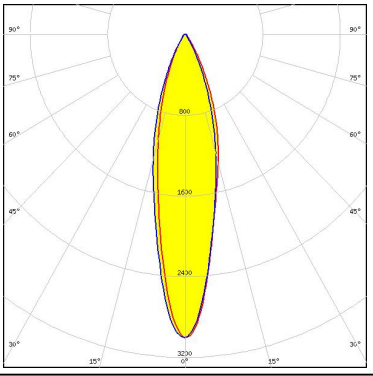
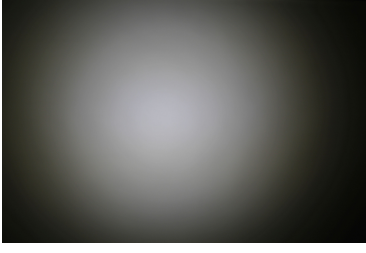
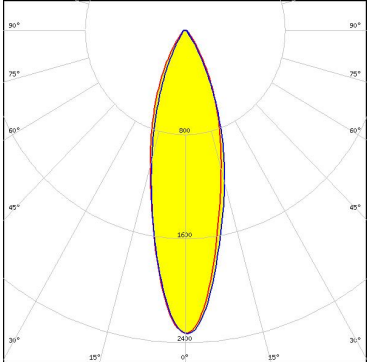


SEOUL SEMICONDUCTOR  
 LED SEOUL 5630C  
 FWHM 27.0°  
 Efficiency 87 %  
 Peak intensity 2.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14592\_FLORENCE-3R-SHD-BLK





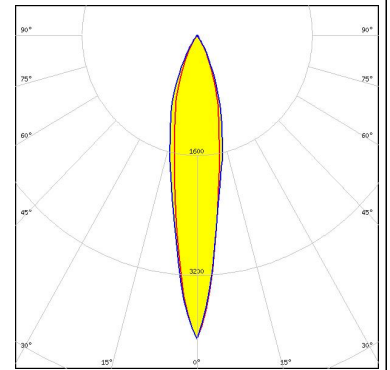
**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED                SEOUL 5630C FWHM            27.0° Efficiency        94 % Peak intensity   2.500 cd/m LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                SEOUL DC 3030 FWHM            23.0° Efficiency        94 % Peak intensity   3.000 cd/m LEDs/each optic 1 Light colour     White Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED                LLE G2 55x280mm 2000lm FWHM            29.0° Efficiency        94 % Peak intensity   2.300 cd/m LEDs/each optic 1 Light colour     White Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):

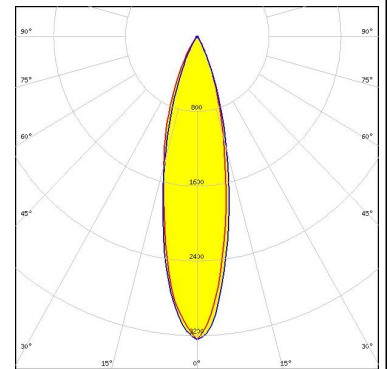
##### LG Innotek

LED LG 3528  
 FWHM 18.0°  
 Efficiency 92 %  
 Peak intensity 4.049 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



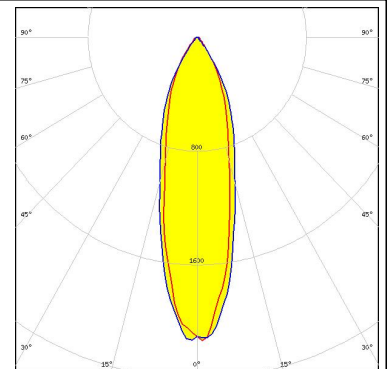
##### NICHIA

LED NF2x757G  
 FWHM 25.0°  
 Efficiency 90 %  
 Peak intensity 3.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



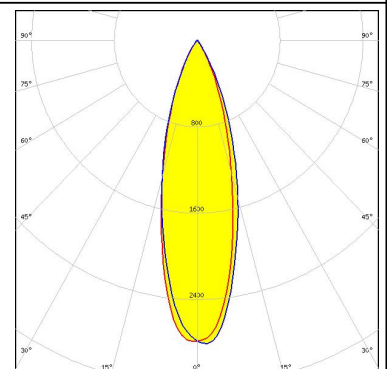
##### NICHIA

LED NFMW48xA  
 FWHM 27.0°  
 Efficiency 91 %  
 Peak intensity 2.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

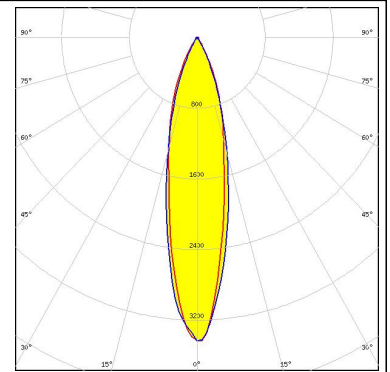
LED Duris E 2835  
 FWHM 29.0°  
 Efficiency 94 %  
 Peak intensity 2.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

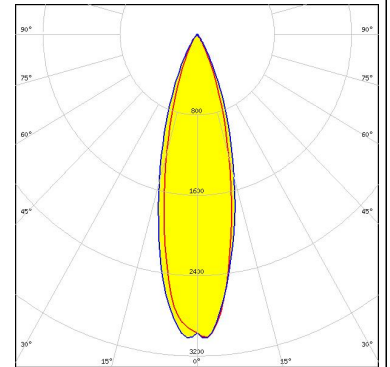
### SAMSUNG

LED LM302Z plus  
 FWHM 23.0°  
 Efficiency 94 %  
 Peak intensity 3.446 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



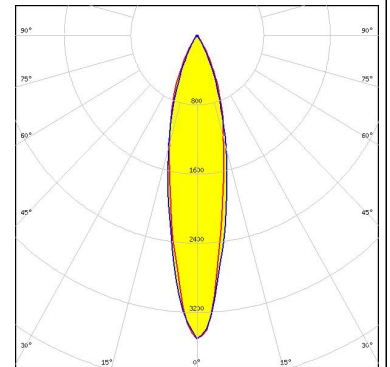
SEOUL SEMICONDUCTOR

LED SEOUL 5630D  
 FWHM 29.0°  
 Efficiency 90 %  
 Peak intensity 3.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C  
 FWHM 23.0°  
 Efficiency 94 %  
 Peak intensity 3.506 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.

#### 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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Finland

#### LEDiL Inc.

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Sycamore IL 60178  
USA

#### Local sales and technical support

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

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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