

FLORENCE-Z30

~30° medium beam

SPECIFICATION:

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

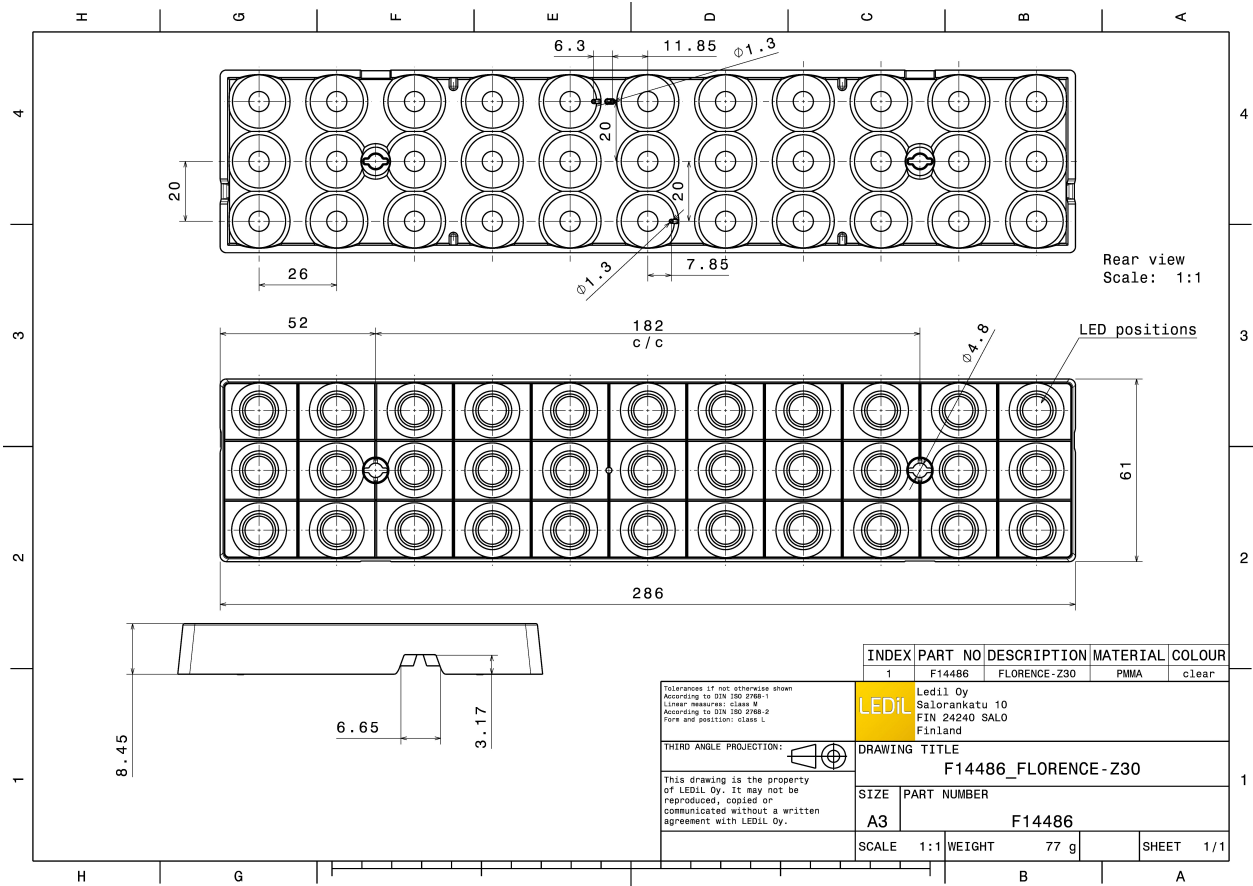
MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE-Z30	Linear lens	PMMA	clear	

ORDERING INFORMATION:

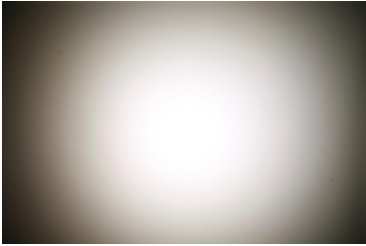
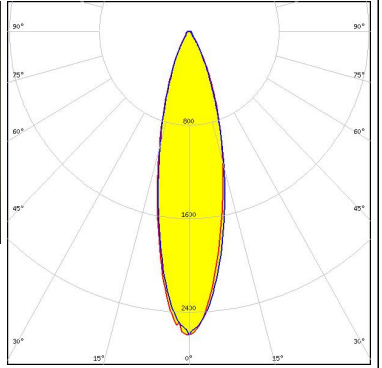
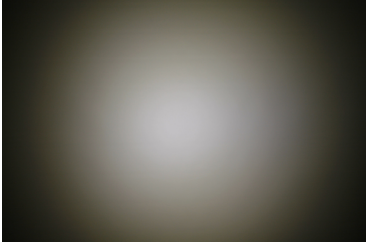
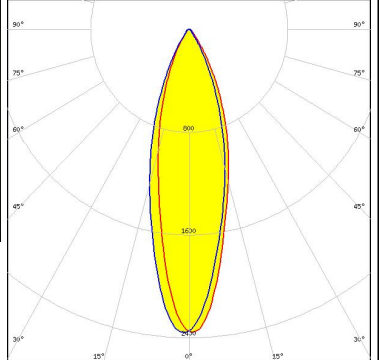
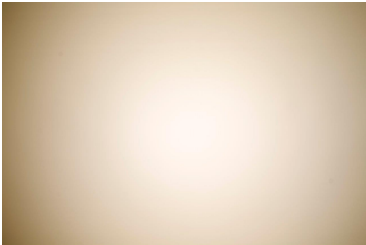
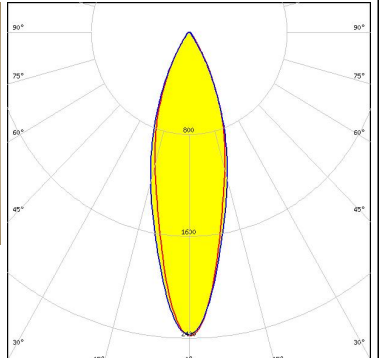
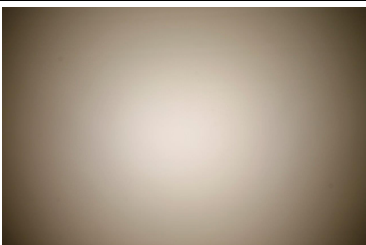
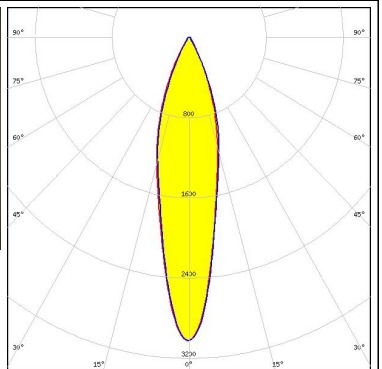
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14486_FLORENCE-Z30 » Box size: 398 x 298 x 140 mm	72	72	6	7.1




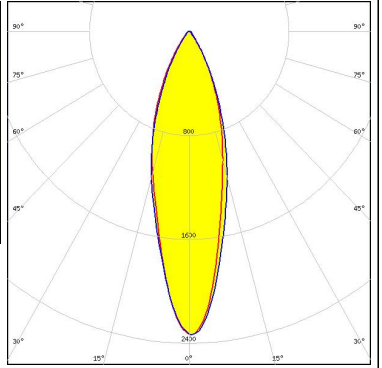
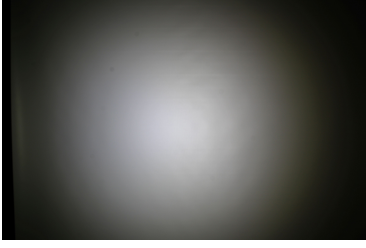
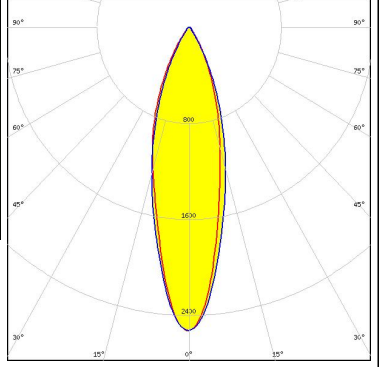
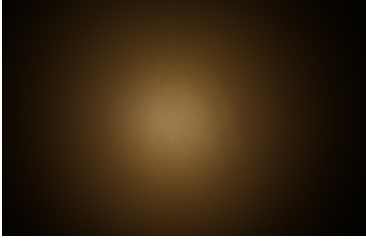
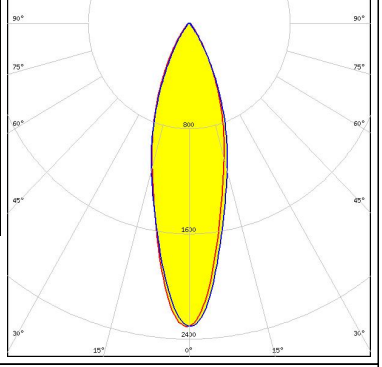
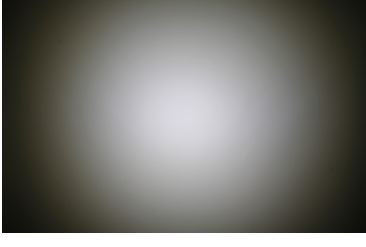
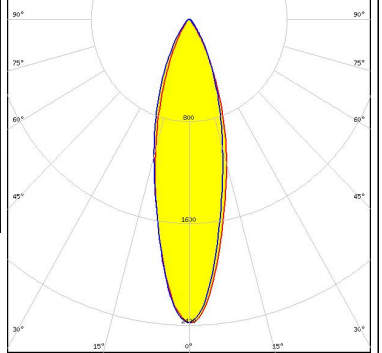


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM / FWTM 26.0° / 56.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 3535L HE</p> <p>FWHM / FWTM 29.0° / 63.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxxx033C30001)</p> <p>FWHM / FWTM 27.0° / 63.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMINUS</p> <p>LED MP-2016</p> <p>FWHM / FWTM 24.0° / 56.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

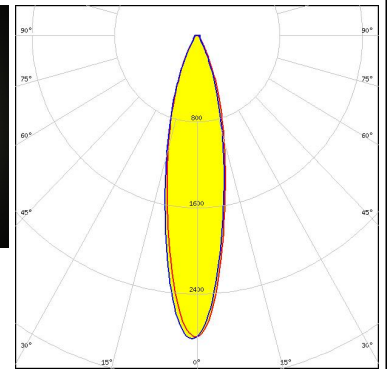
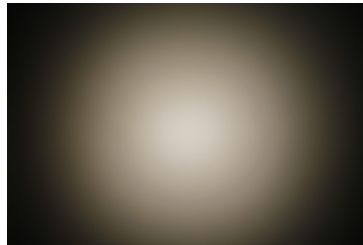
<p>NICHIA</p> <p>LED NFSW757H FWHM / FWTM 29.0° / 64.0° Efficiency 94 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM</p> <p>LED PL-BAR-G3 1100 280x55 FWHM / FWTM 28.0° / 61.0° Efficiency 94 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM</p> <p>LED PLG2-BAR-1100-xxx-280x55-DC FWHM / FWTM 29.0° / 64.0° Efficiency 91 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E5 FWHM / FWTM 28.0° / 62.0° Efficiency 91 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

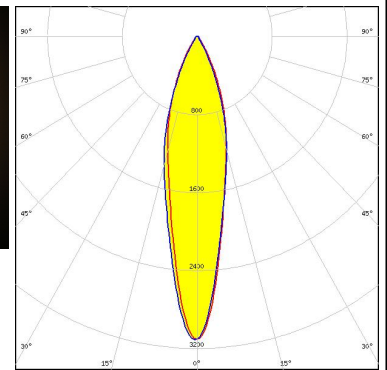
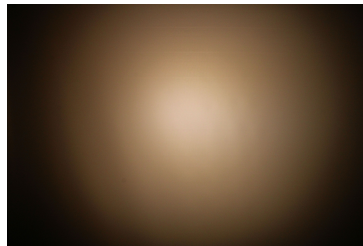
Opto Semiconductors

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



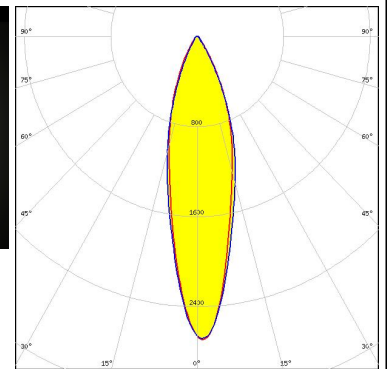
PHILIPS

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



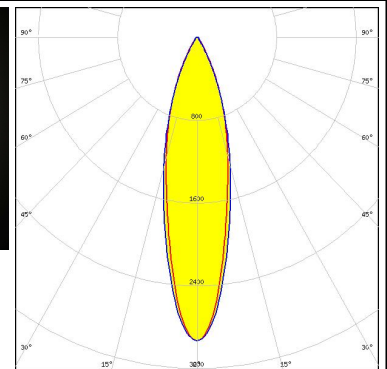
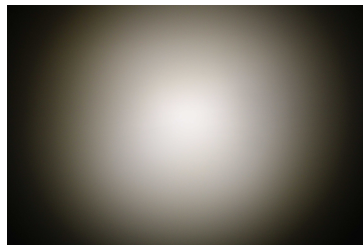
PHILIPS

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



PHILIPS

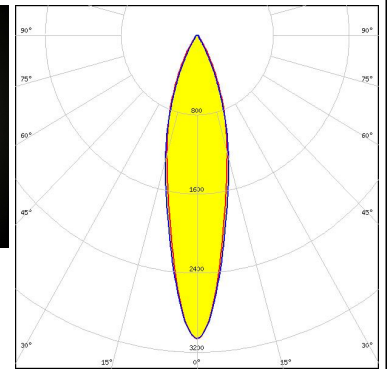
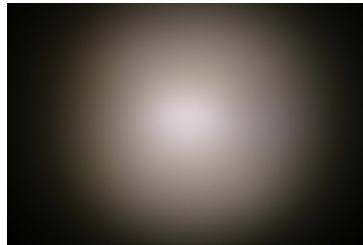
LED Fortimo LED Line 1ft HF 3R HV5
 FWHM / FWTM 25.0° / 57.0°
 Efficiency 96 %
 Peak intensity 2.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

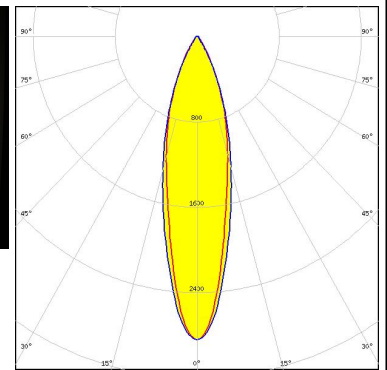
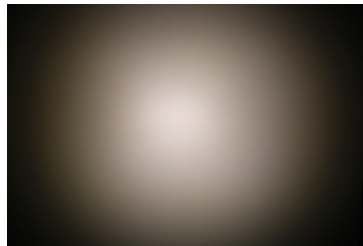
PHILIPS

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



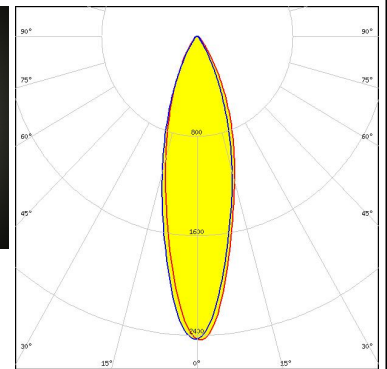
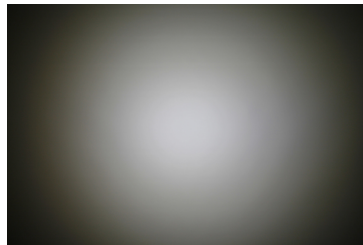
PHILIPS

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



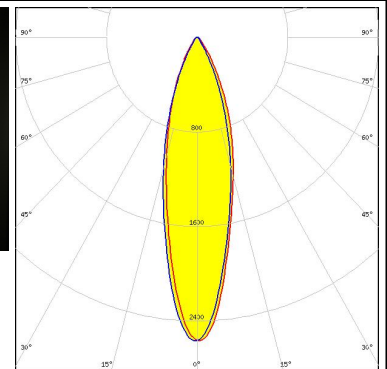
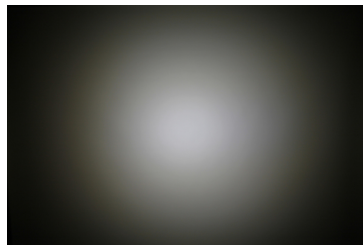
SAMSUNG

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



SAMSUNG

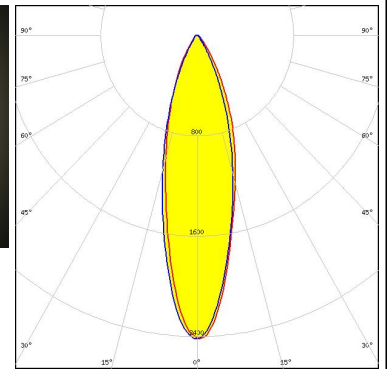
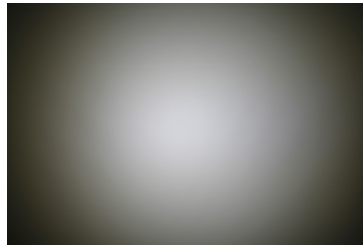
LED LM561B Plus
 FWHM / FWTM 27.0° / 60.0°
 Efficiency 93 %
 Peak intensity 2.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

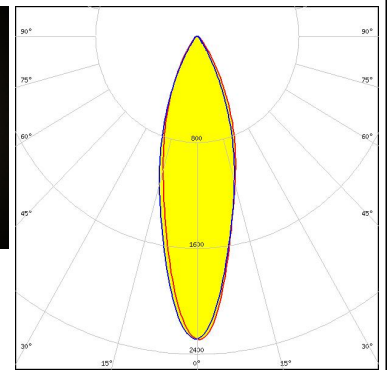
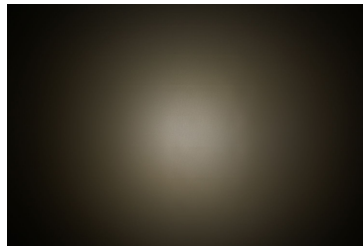
SAMSUNG

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

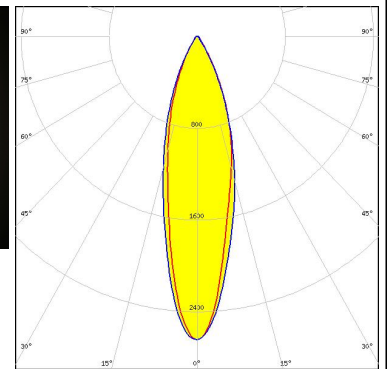
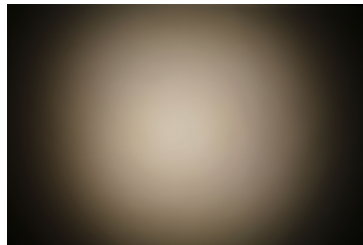


SAMSUNG

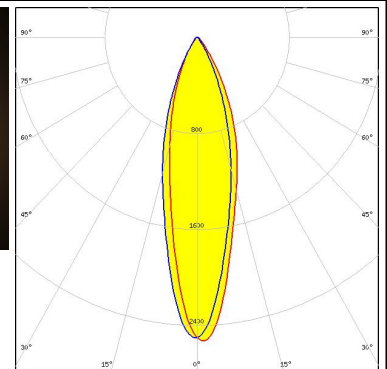
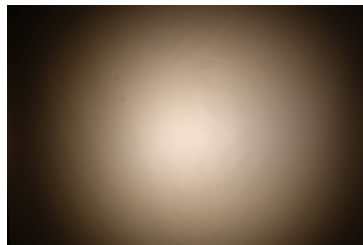
LED LT-R286A
 FWHM / FWTM 29.0° / 65.0°
 Efficiency 94 %
 Peak intensity 2.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:





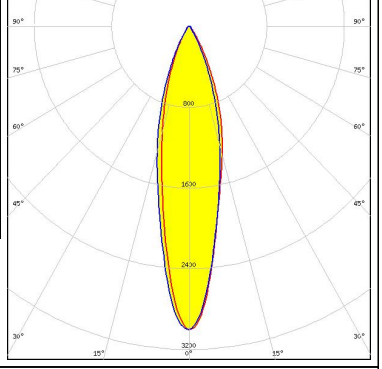
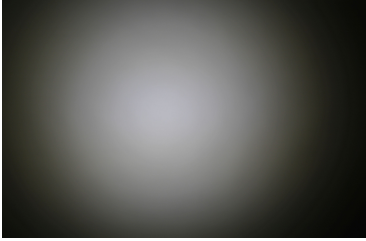
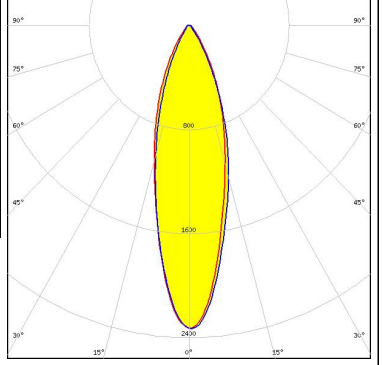
SEOUL SEMICONDUCTOR
 LED SEOUL 3030
 FWHM / FWTM 27.0° / 60.0°
 Efficiency 94 %
 Peak intensity 2.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED SEOUL 5630C
 FWHM / FWTM 27.0° / 62.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030 FWHM / FWTM: 23.0° / 57.0° Efficiency: 94 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>TRIDONIC</p> <p>LED: LLE G2 55x280mm 2000lm FWHM / FWTM: 29.0° / 64.0° Efficiency: 94 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

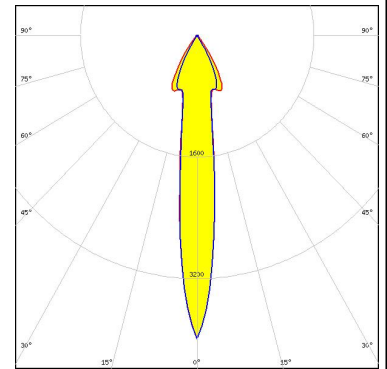
<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 25.0° / 53.0° Efficiency 90 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NFMW48xA FWHM / FWTM 27.0° / 69.0° Efficiency 91 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E 2835 FWHM / FWTM 29.0° / 58.0° Efficiency 94 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E 2835 FWHM / FWTM 30.0° / 75.0° Efficiency 96 % Peak intensity 2.2 cd/lm LEDs/each optic 2 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

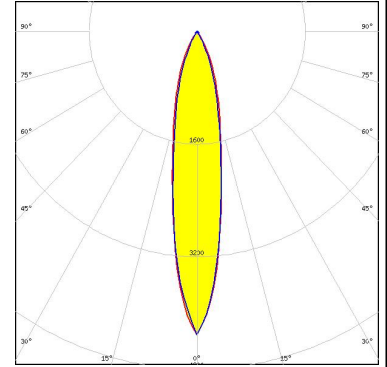
Opto Semiconductors

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 White
 Required components:



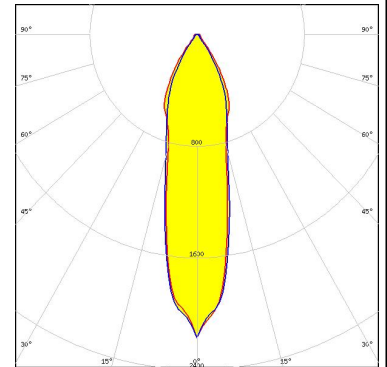
SAMSUNG

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



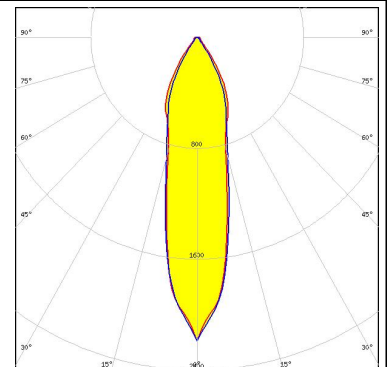
SAMSUNG

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 White
 Required components:



SAMSUNG

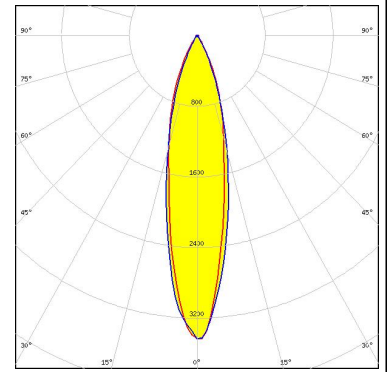
LED LM302Z plus
 FWHM / FWTM 25.0° / 70.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

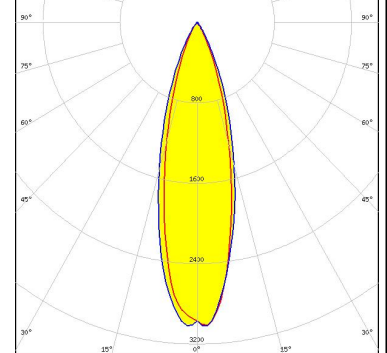
SAMSUNG

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



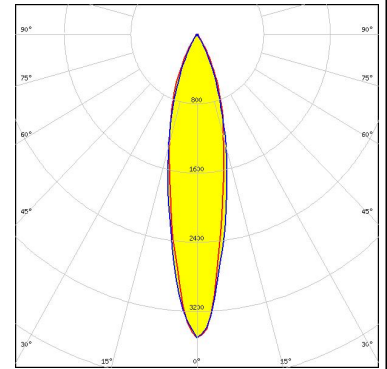
SEOUL SEMICONDUCTOR

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



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM 23.0° / 54.0°
 Efficiency 94 %
 Peak intensity 3.5 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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[www.ledil.com/
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Shipping locations

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Hong Kong, China

Distribution Partners

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