

FLORENCE-Z30

~30° medium beam

TECHNICAL SPECIFICATIONS:

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

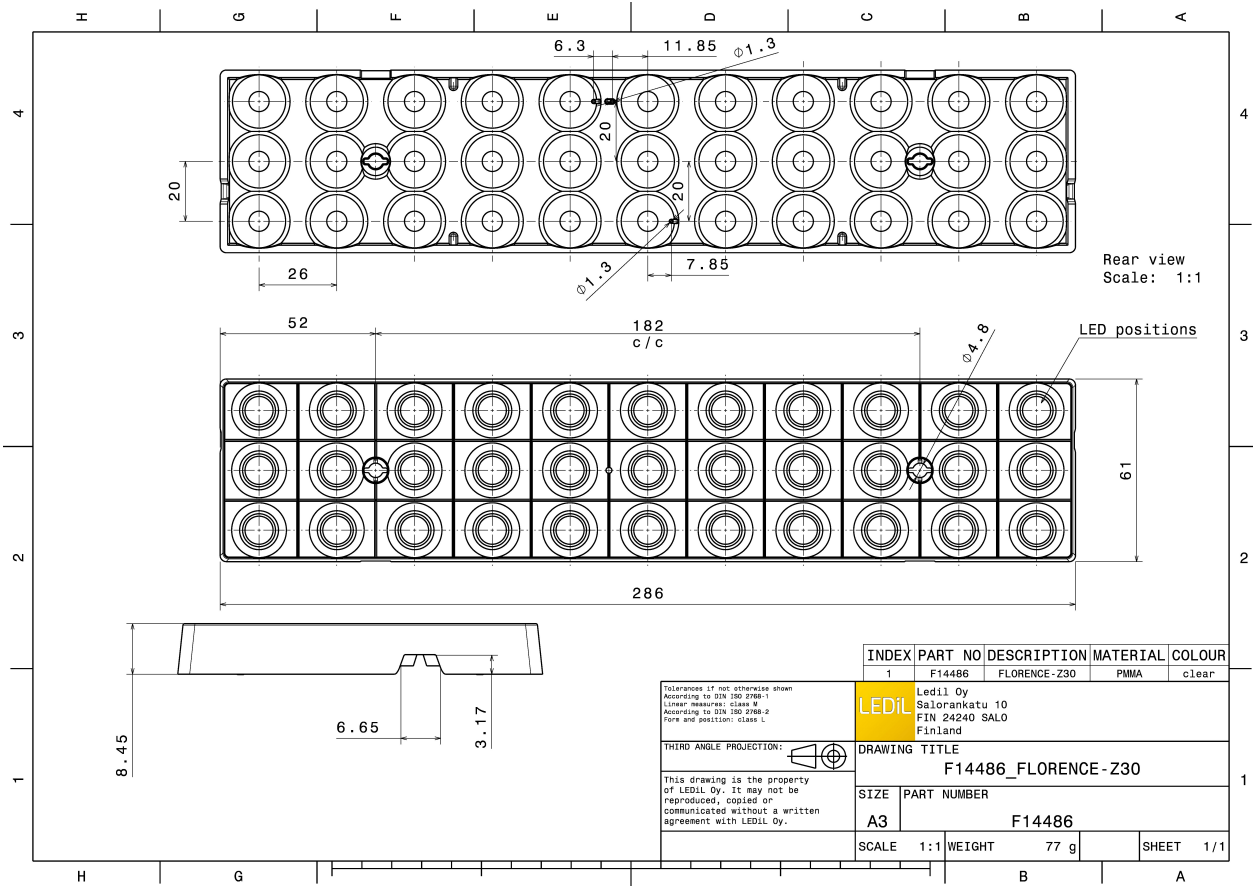
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

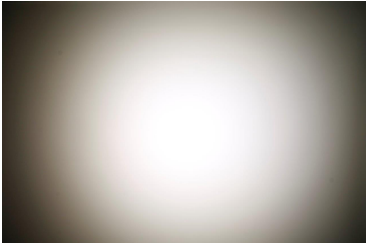
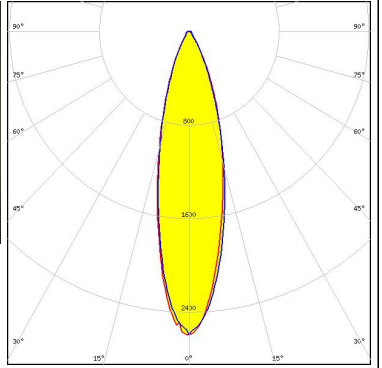
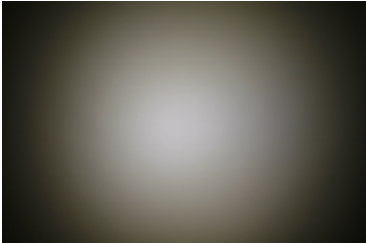
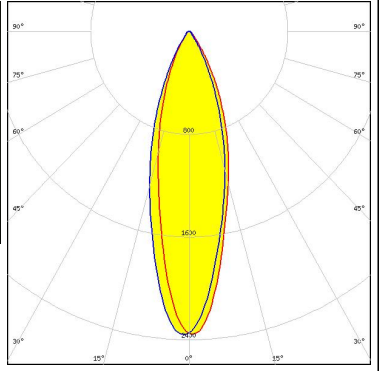
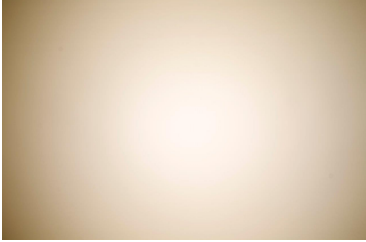
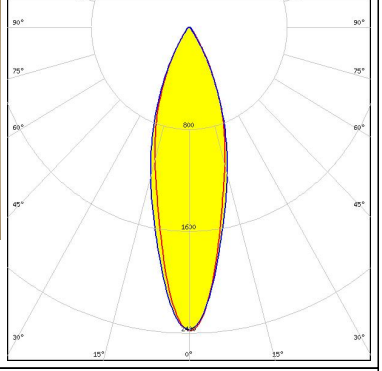
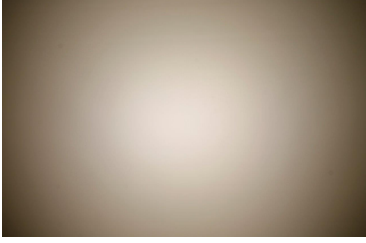
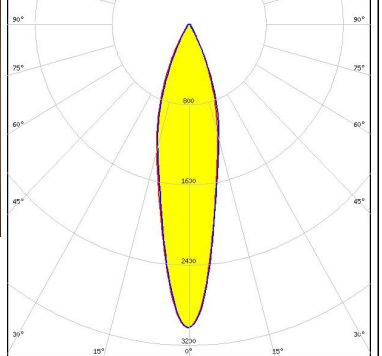
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14486_FLORENCE-Z30 » Box size: 398 x 298 x 140 mm	72	72	6	7.1




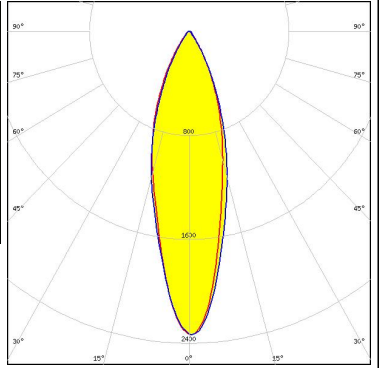
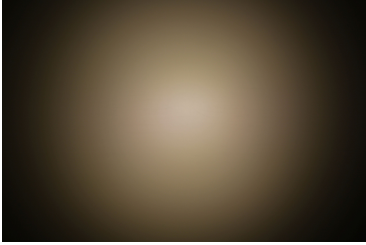
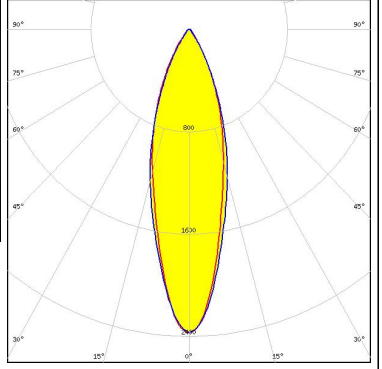
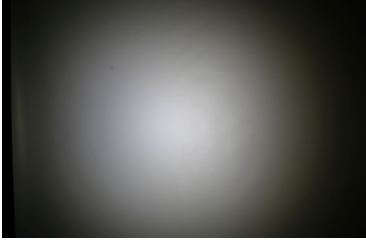
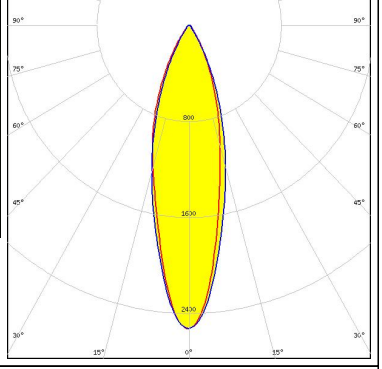
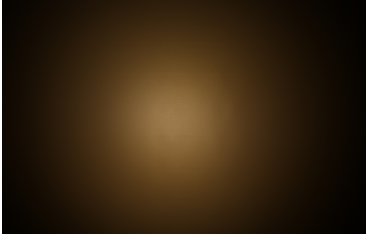
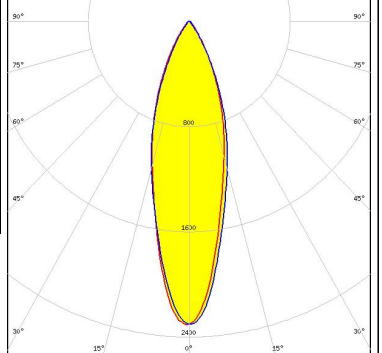


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (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>		

PHOTOMETRIC DATA (MEASURED):

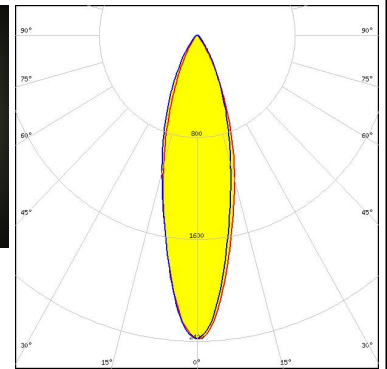
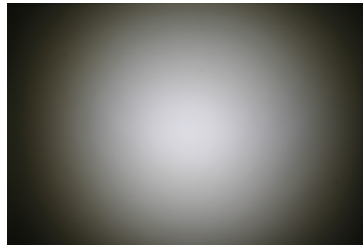
<p>NICHIA</p> <p>LED NFSW757H FWHM / FWTM 29.0° / 64.0° Efficiency 94 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NFSW757H FWHM / FWTM 29.0° / 64.0° Efficiency 94 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14646_FLORENCE-3R-SHD-WHT</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>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

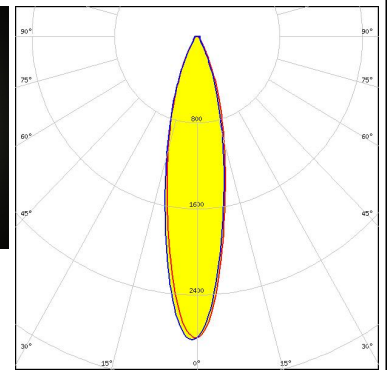
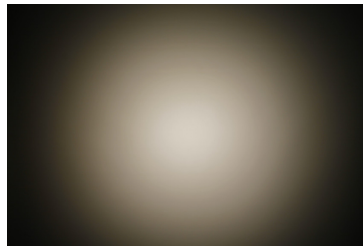
LED Duris E5
 FWHM / FWTM 28.0° / 62.0°
 Efficiency 91 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

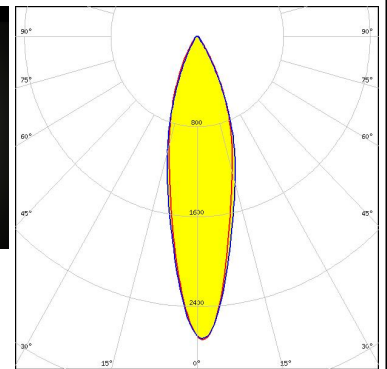
Opto Semiconductors

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



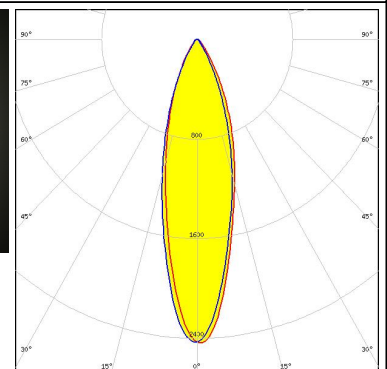
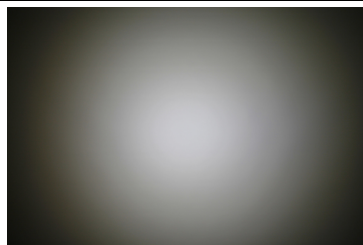
PHILIPS

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



SAMSUNG

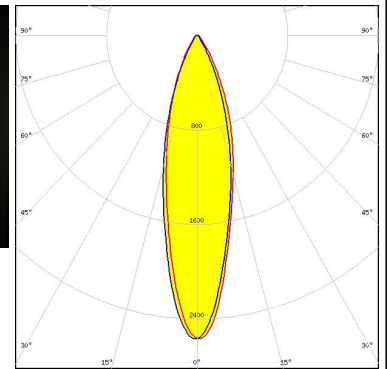
LED LM561B
 FWHM / FWTM 28.0° / 62.0°
 Efficiency 93 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

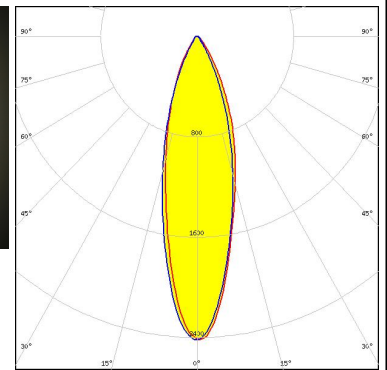
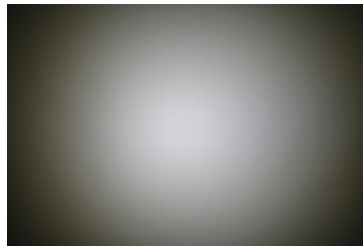
SAMSUNG

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



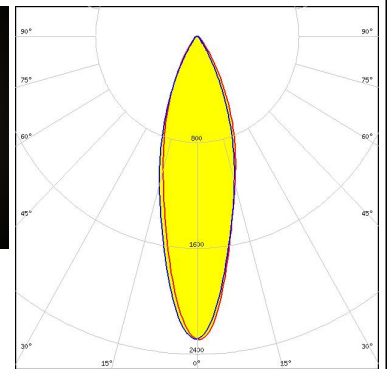
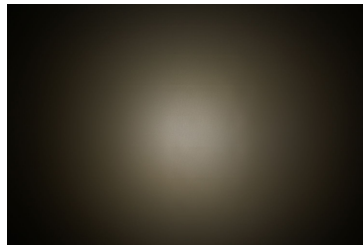
SAMSUNG

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



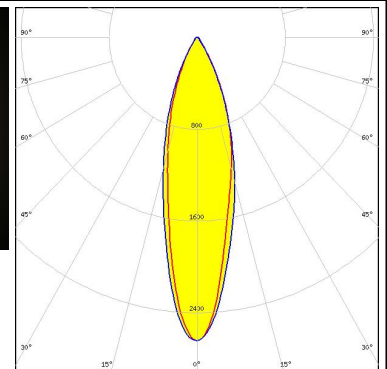
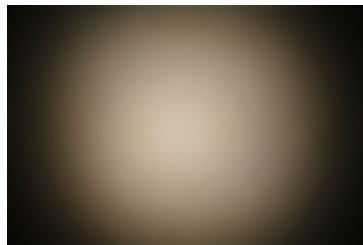
SAMSUNG

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



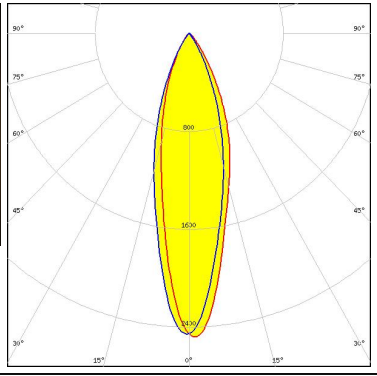


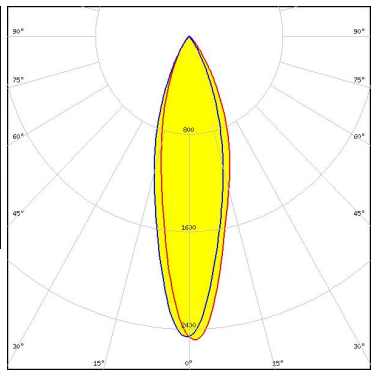


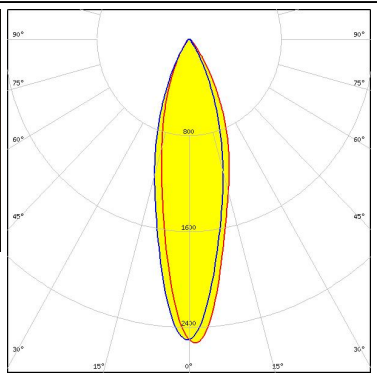


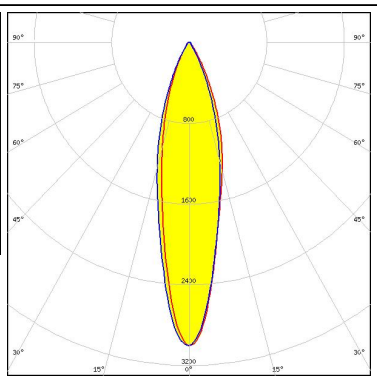


SEOUL SEMICONDUCTOR

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



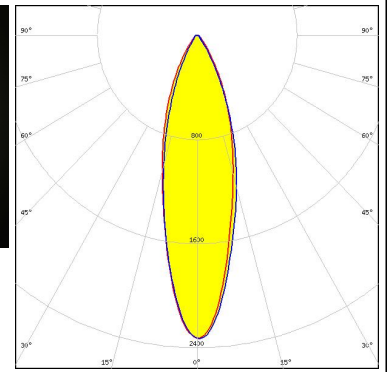
PHOTOMETRIC DATA (MEASURED):

<p> SEOL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM / FWTM 27.0° / 62.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p> C14453_FLORENCE-3R-SHD-GR</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM / FWTM 27.0° / 62.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p> C14592_FLORENCE-3R-SHD-BLK</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED SEOUL 5630C</p> <p>FWHM / FWTM 27.0° / 62.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030</p> <p>FWHM / FWTM 23.0° / 57.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

TRIDONIC

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:



PHOTOMETRIC DATA (SIMULATED):

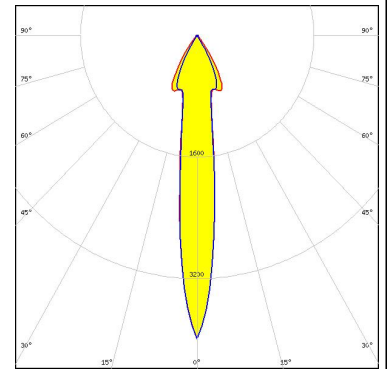
<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 25.0° / 53.0° Efficiency 90 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NFMW48xA FWHM / FWTM 27.0° / 69.0° Efficiency 91 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required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

PHOTOMETRIC DATA (SIMULATED):

OSRAM

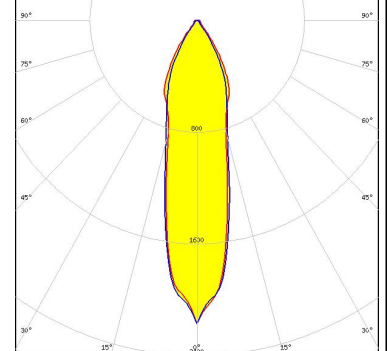
Opto Semiconductors

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:



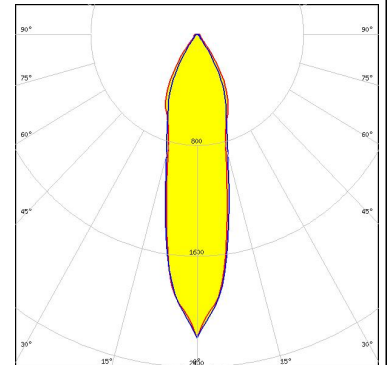
SAMSUNG

LED 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:



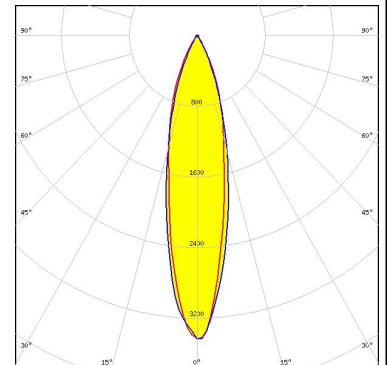
SAMSUNG

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:


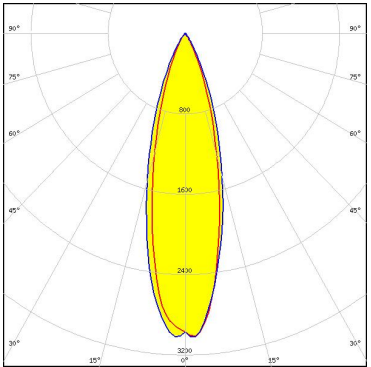

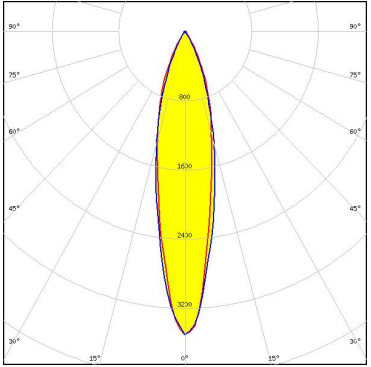


SAMSUNG

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:



PHOTOMETRIC DATA (SIMULATED):

 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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[LL01ED-ALI24R49](#) [LL01CR-AYG38R49](#) [C17171_DAISSY-8X1-SHD-MATT](#) [F16859_LINDA-ZT25](#) [C17295_ILONA-ZOOM](#)
[F16636_LINDA-W60](#) [C17362_DAISSY-7X1-W-D](#) [C17361_DAISSY-7X1-WW-D](#) [10003](#) [10003/15](#) [10048](#) [10049](#) [10108](#) [10510](#)
[F14487_FLORENCE-1R-MAXI-WG](#) [12667](#) [C14165_STRADA-2X2-ME-WIDE2](#) [C14605_HB-2X2-RW](#) [C14642_FLORENCE-1R-UP](#)
[CAY033](#) [CAY046/55](#) [FCX11157_RES-O-90](#) [OS-LRI2015X45S](#) [OSOLRA2015M](#) [PG1C-NX36](#) [PG1C-SX17](#) [PM2A-SXV1](#) [PM2B-NX55-](#)
[AW](#) [PM6A-FN25](#) [FC2231-0000-0050-L](#) [FC2231-0000-0100-L](#) [C14116_STRADA-2X2-PX](#)