

FLORENCE-Z30

~30° medium beam

SPECIFICATION:

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

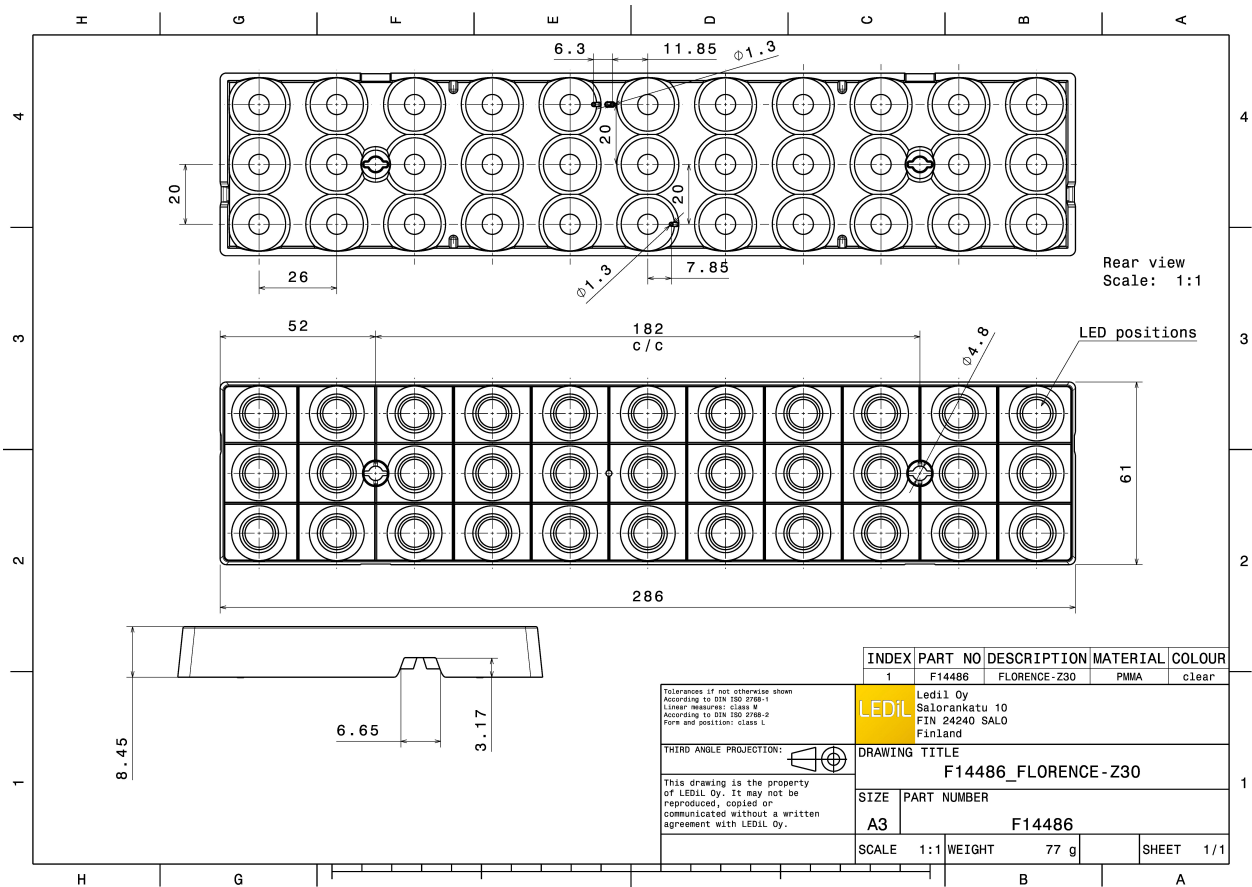
MATERIALS:

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



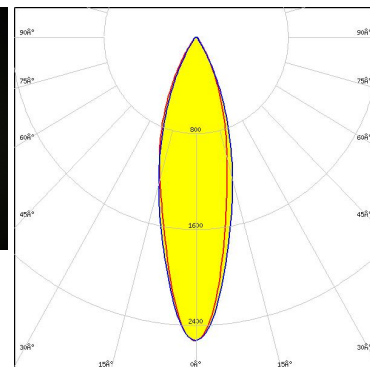
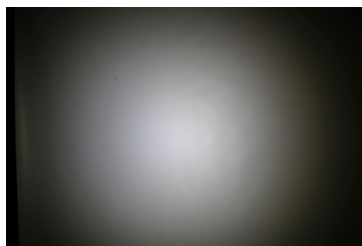


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

inventronics

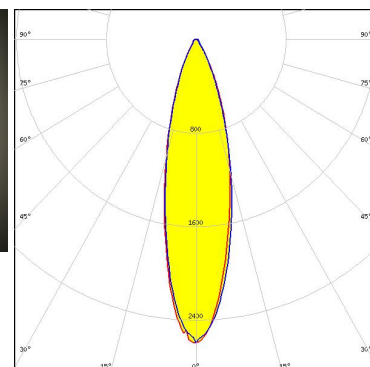
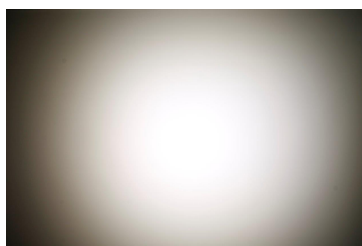
LED PL-BAR-G3 1100 280x55
 FWHM / FWTM 28.0° / 61.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

LUMILEDS

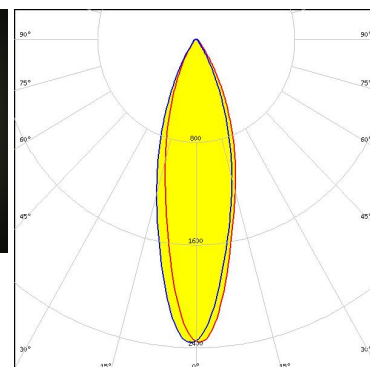
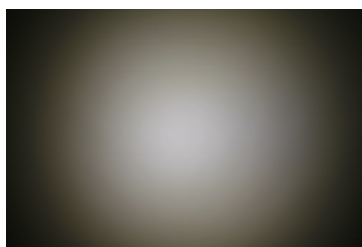
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 26.0° / 56.0°
 Efficiency 87 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

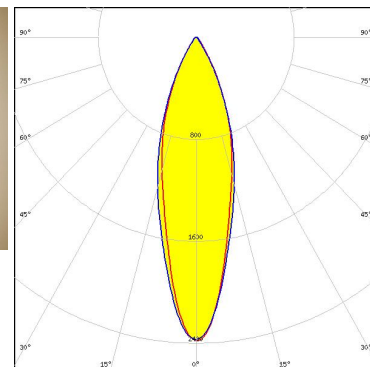
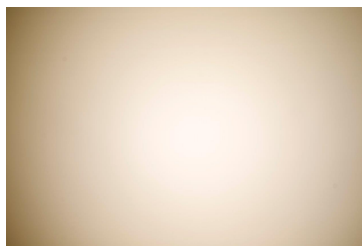


Light distribution files

OPTICAL RESULTS (MEASURED):



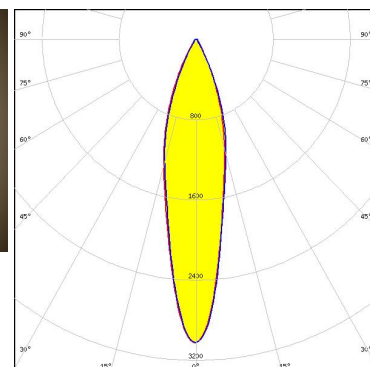
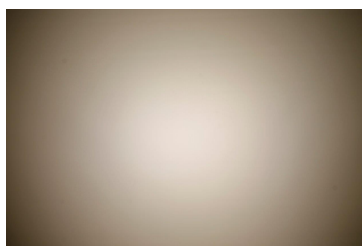
LED LUXEON XR-3535L (L202 - xxxx033C30001)
 FWHM / FWTM 27.0° / 63.0°
 Efficiency 93 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



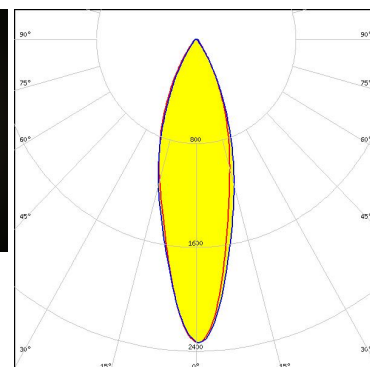
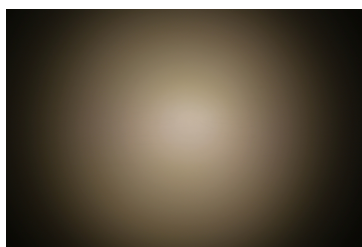
LED MP-2016
 FWHM / FWTM 24.0° / 56.0°
 Efficiency 92 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

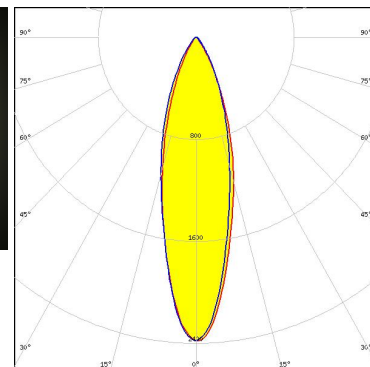
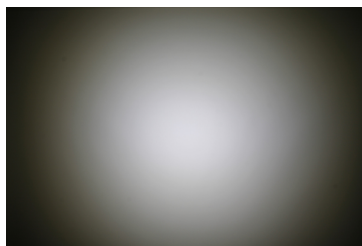


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

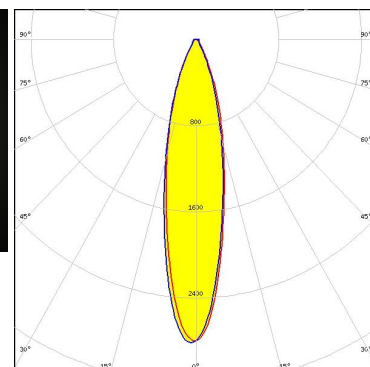
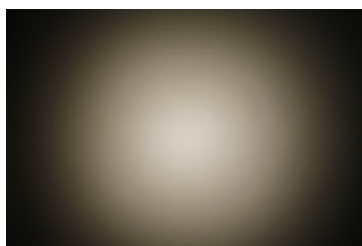
LED Duris E5
FWHM / FWTM 28.0° / 62.0°
Efficiency 91 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

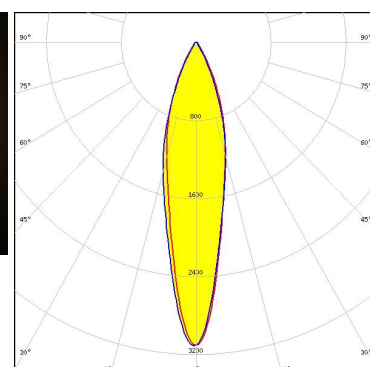
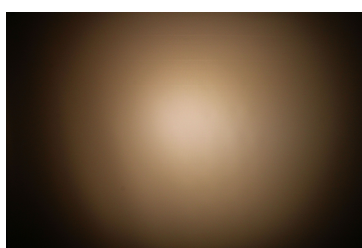
LED Duris S2
FWHM / FWTM 23.0° / 54.0°
Efficiency 90 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

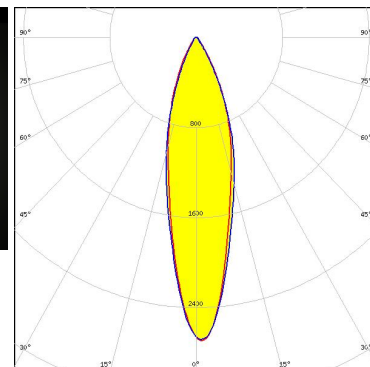


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

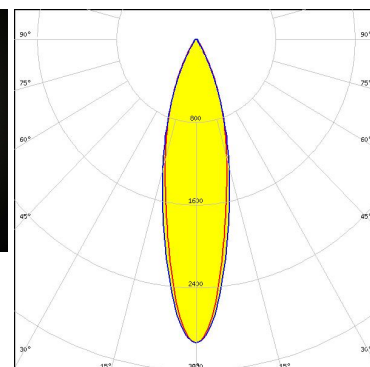
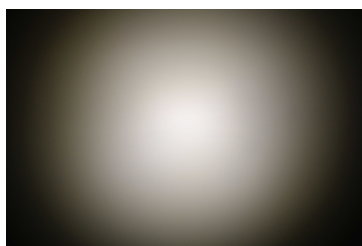
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 26.0° / 60.0°
 Efficiency 94 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

PHILIPS

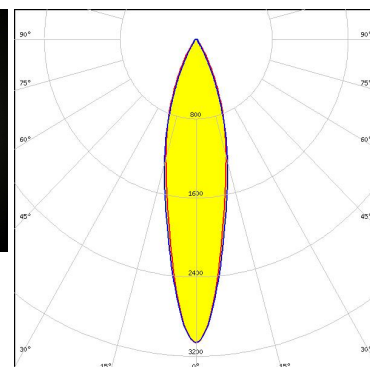
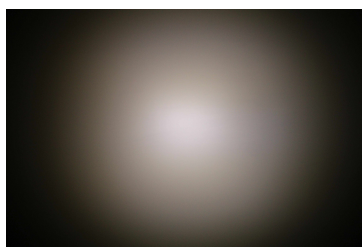
LED Fortimo LED Line 1ft HF 3R HV5
 FWHM / FWTM 25.0° / 57.0°
 Efficiency 96 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

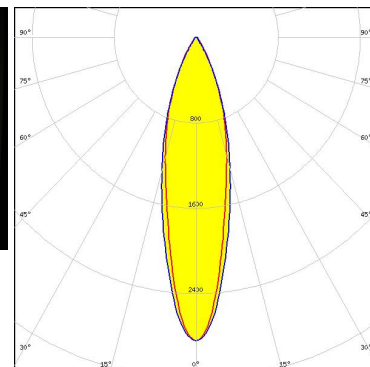
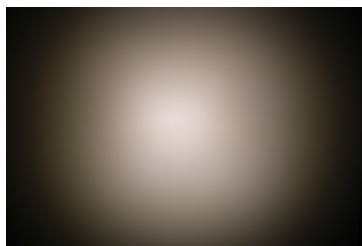


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

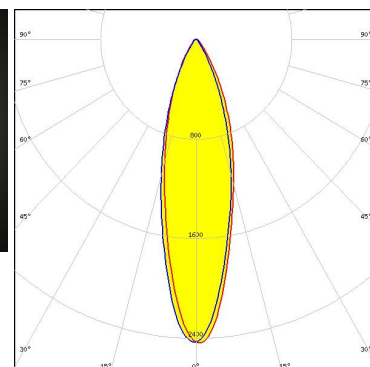
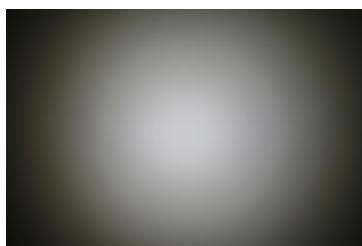
LED	Fortimo LED Line 1ft MF 3R HV5 & LV5
FWHM / FWTM	26.0° / 59.0°
Efficiency	97 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

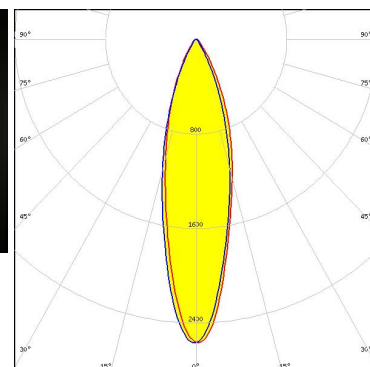
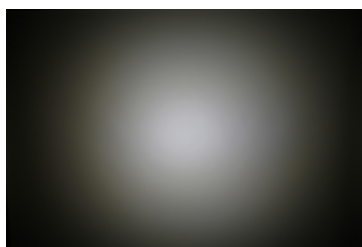
LED	LM561B
FWHM / FWTM	28.0° / 62.0°
Efficiency	93 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

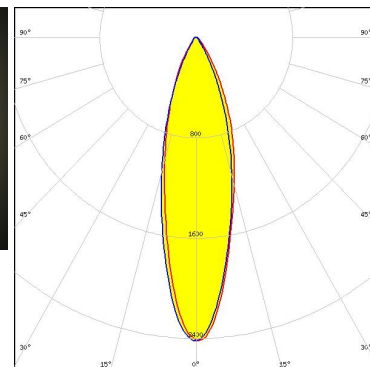
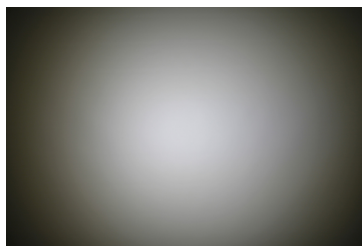


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

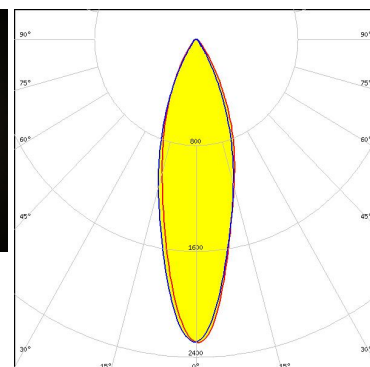
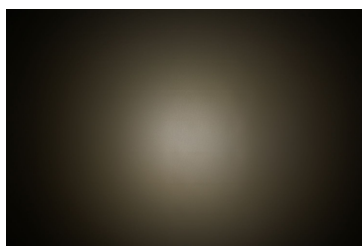
LED LM561C
FWHM / FWTM 28.0° / 62.0°
Efficiency 93 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

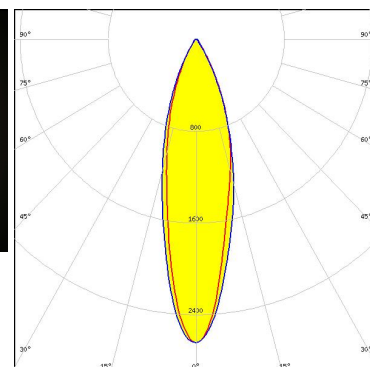
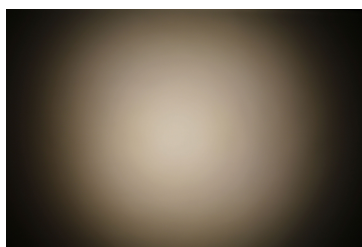
LED LT-R286A
FWHM / FWTM 29.0° / 65.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

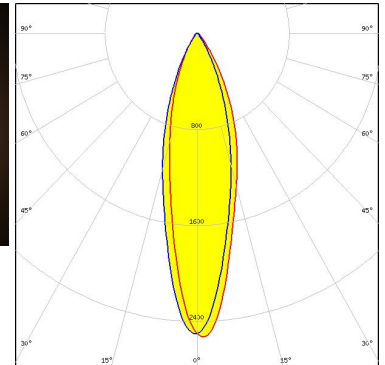
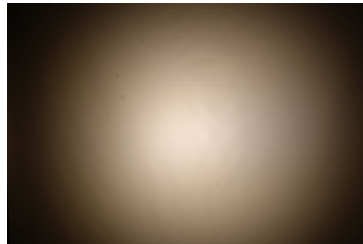


Light distribution files

OPTICAL RESULTS (MEASURED):



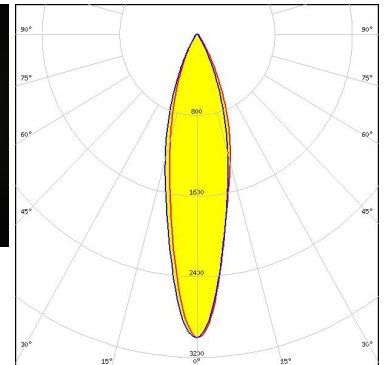
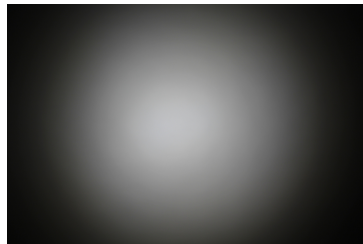
LED SEOUL 5630C
FWHM / FWTM 27.0° / 62.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



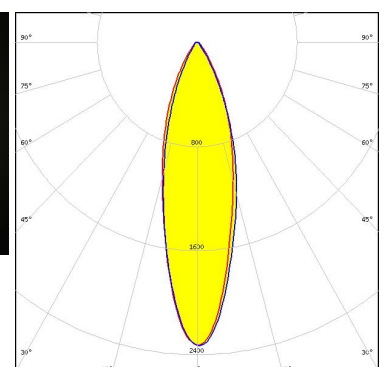
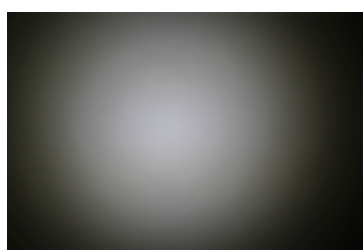
LED SEOUL DC 3030
FWHM / FWTM 23.0° / 57.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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/type White
Required components:

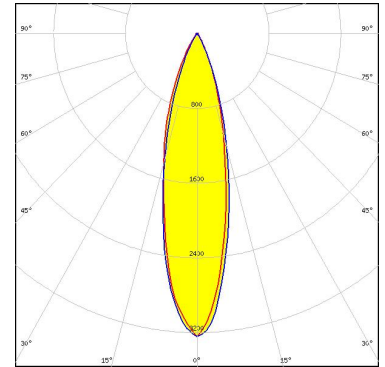


Light distribution files

OPTICAL RESULTS (SIMULATED):



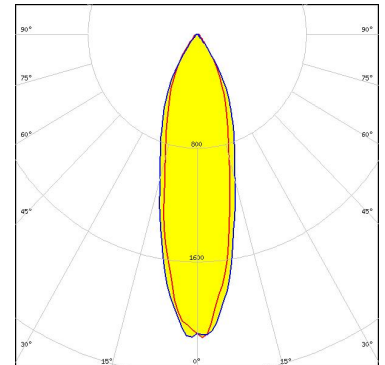
LED NF2x757G
 FWHM / FWTM 25.0° / 53.0°
 Efficiency 90 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



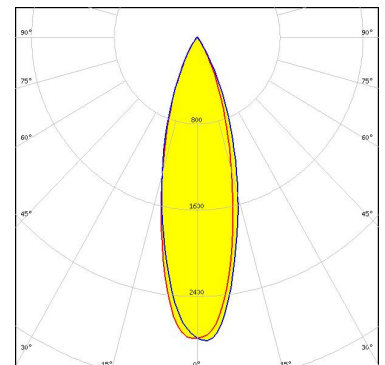
LED NFMW48xA
 FWHM / FWTM 27.0° / 69.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

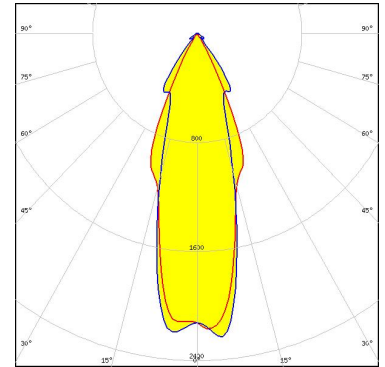


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

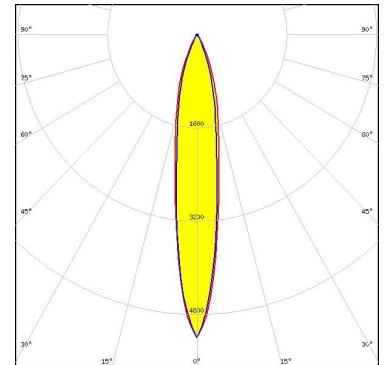
LED Duris E 2835
FWHM / FWTM 30.0° / 75.0°
Efficiency 96 %
Peak intensity 2.2 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

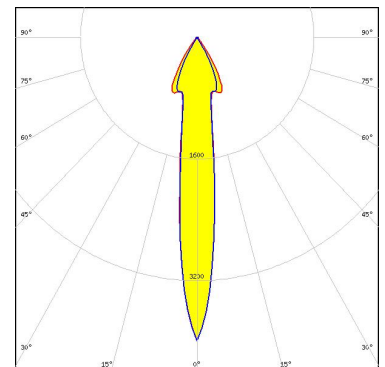
LED Duris S5 (Single chip)
FWHM / FWTM 17.0° / 47.0°
Efficiency 95 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

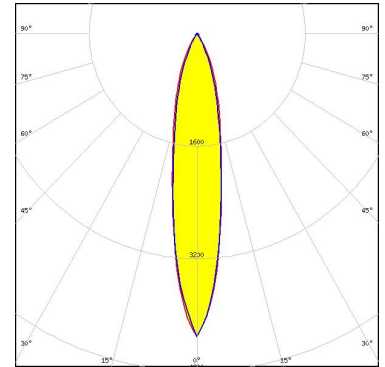


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

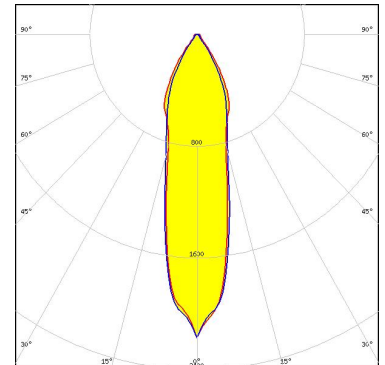
LED LM28xB Series
 FWHM / FWTM 20.0° / 52.0°
 Efficiency 95 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

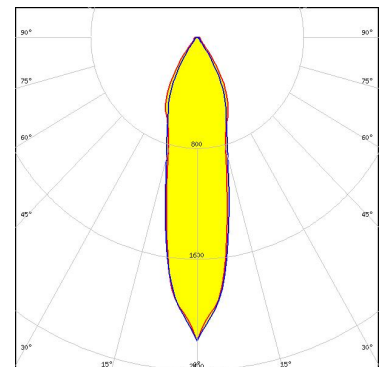
LED LM301B
 FWHM / FWTM 24.0 + 26.0° / 74.0 + 66.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 2
 Light colour/type White
 Required components:



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:

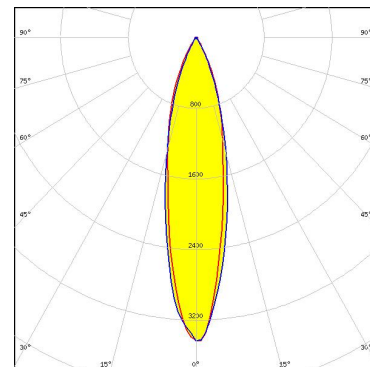


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

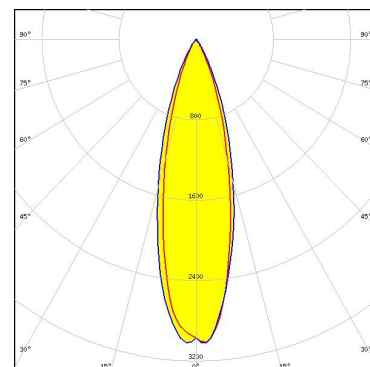
LED LM302Z plus
FWHM / FWTM 23.0° / 54.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



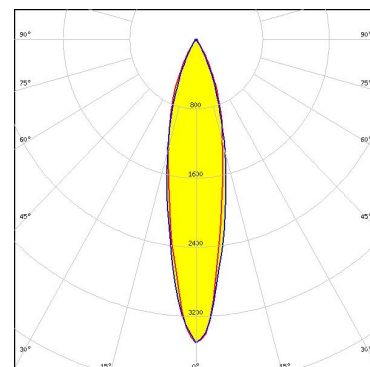
LED SEOUL 5630D
FWHM / FWTM 29.0° / 58.0°
Efficiency 90 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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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Shenzhen 518057
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)