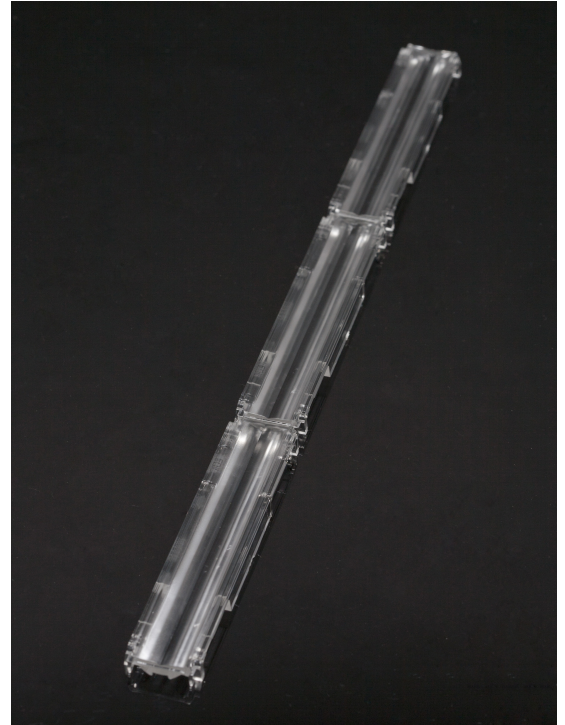


## FLORENCE-1R-Z2T25

Double asymmetric beam for aisle and shelf lighting

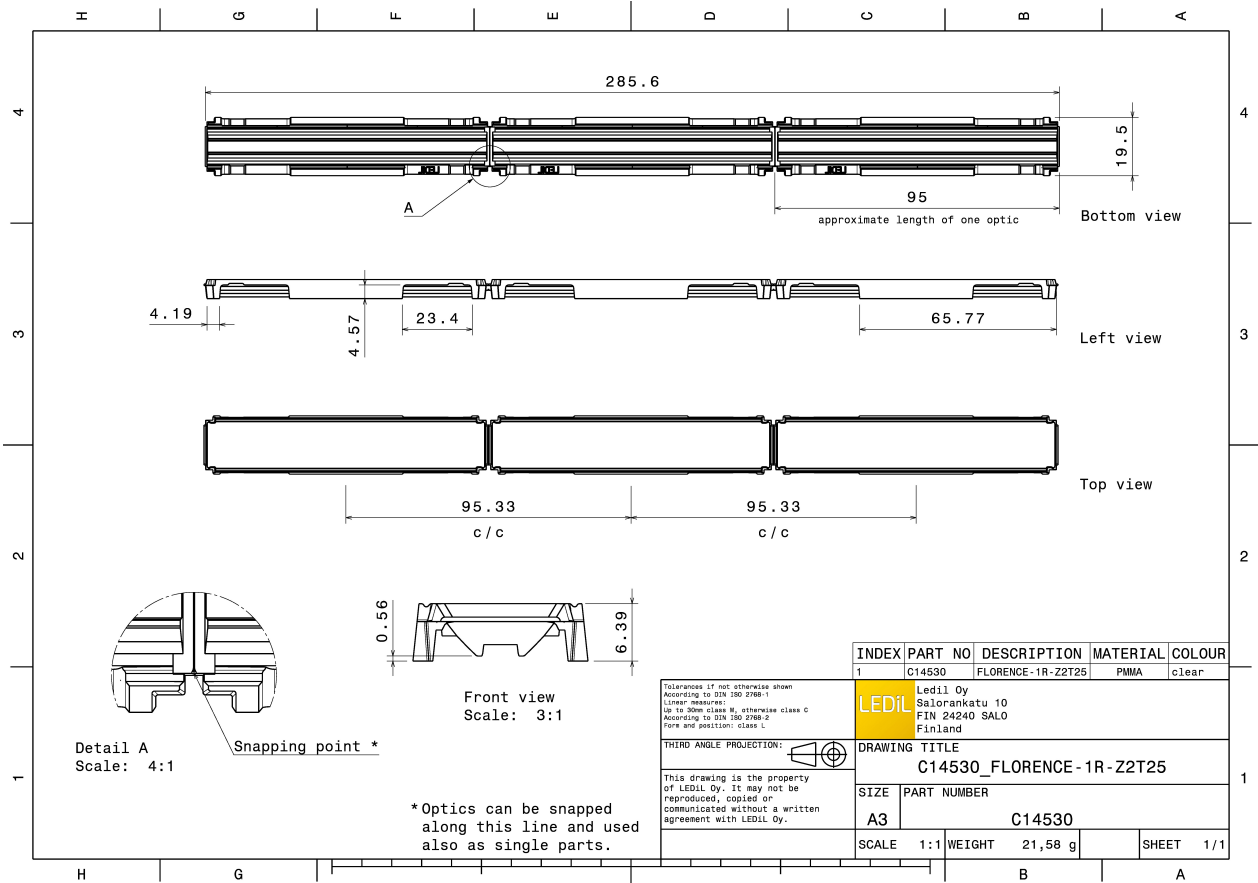
### TECHNICAL SPECIFICATIONS:

Dimensions	19.5 x 286.0 mm
Height	6.4 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.9 kg
Quantity in Box	210 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

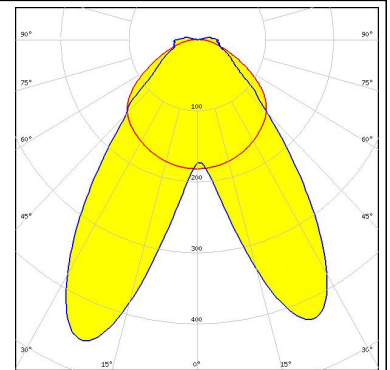
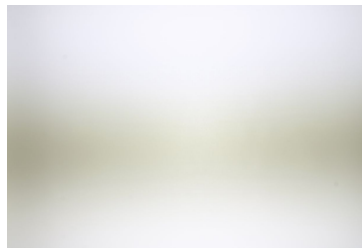
Component	Type	Material	Colour
FLORENCE-1R-Z2T25	Linear lens	PMMA	clear



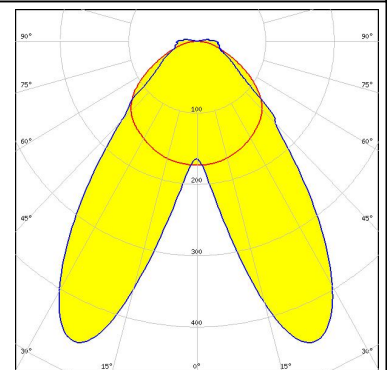
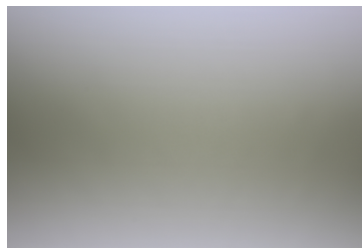
#### PHOTOMETRIC DATA (MEASURED):



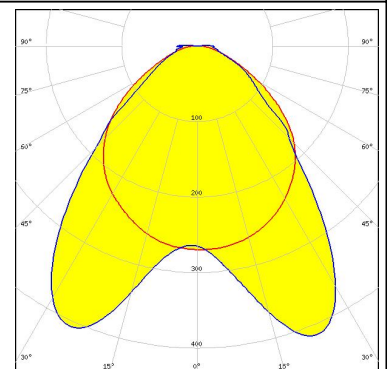
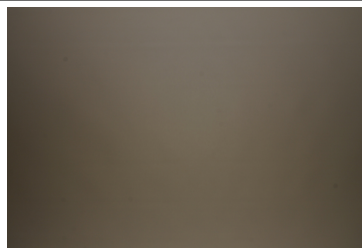
LED CALGD0414-M8W1  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



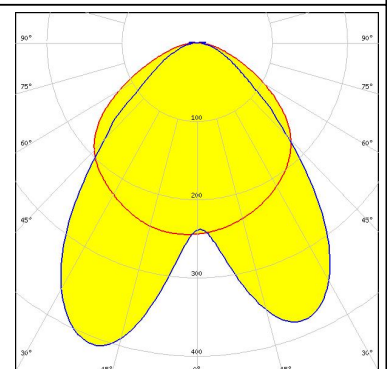
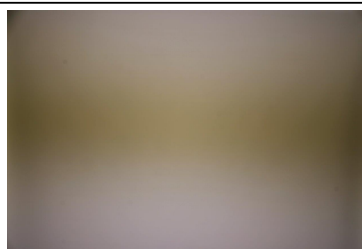
LED CALGD0814-M17W1  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED L0-280024-xxx-C0800-L267  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.420 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



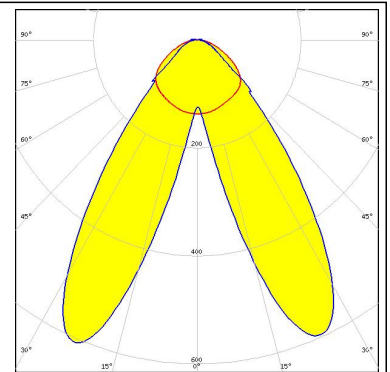
LED XH-B/G  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.410 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

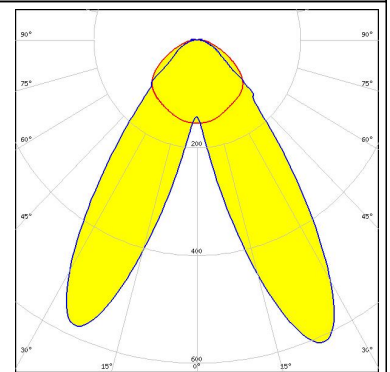
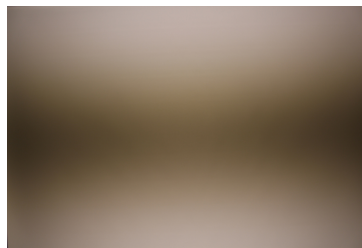
##### LUMILEDS

LED LUXEON 3014  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.610 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



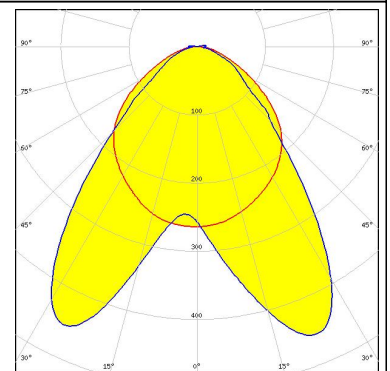
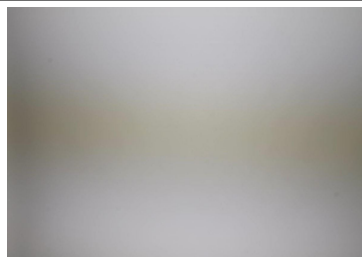
##### LUMILEDS

LED LUXEON 3020  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.610 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



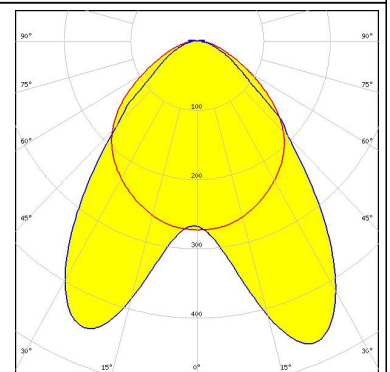
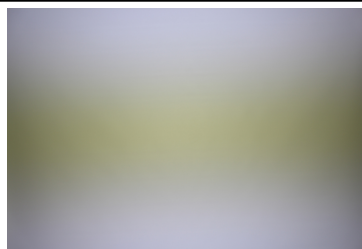
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

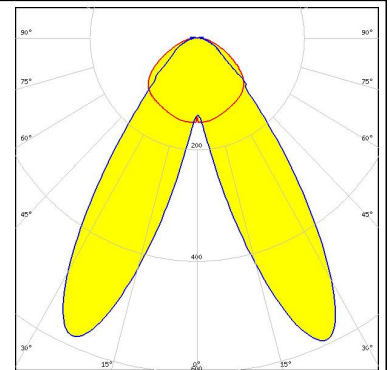
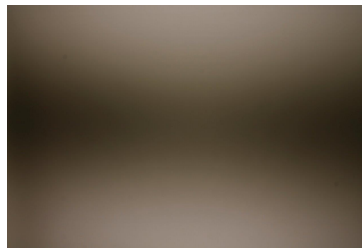
LED LUXEON 3535L  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.470 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



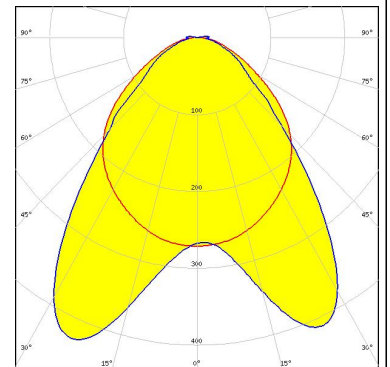
#### PHOTOMETRIC DATA (MEASURED):



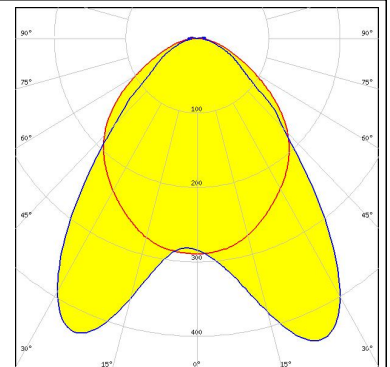
LED MP-2016  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.590 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



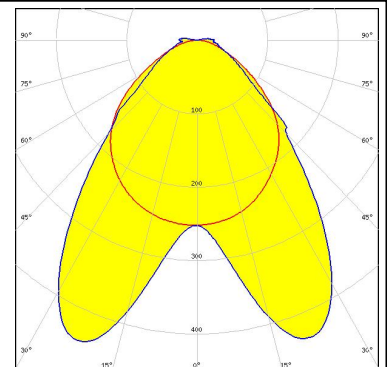
LED NF2x757D  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.430 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NF2x757G  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.440 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NFSW757H  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.443 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14353\_FLORENCE-1R-CLIP-A

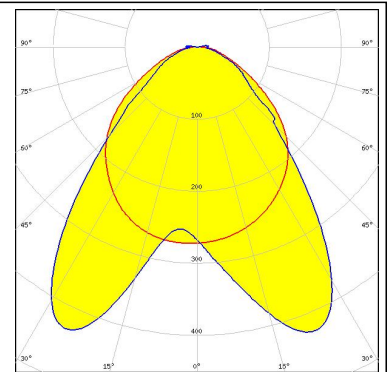
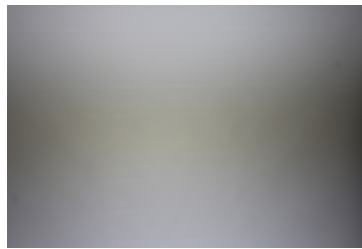


#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

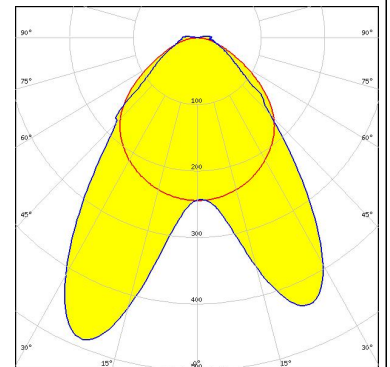
Opto Semiconductors

LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 87 %  
Peak intensity 0.430 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



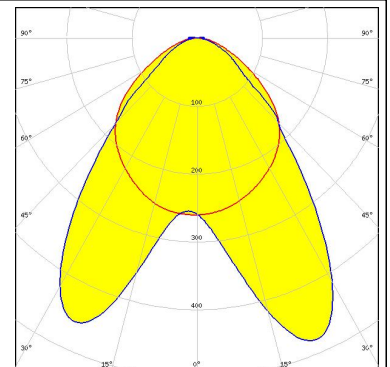
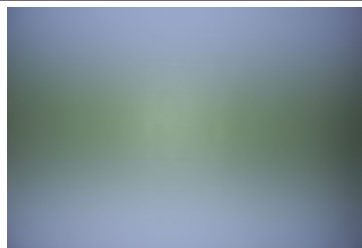
#### PHILIPS

LED Fortimo LED Line 1ft 2000lm 1R HV4  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.490 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14353\_FLORENCE-1R-CLIP-A



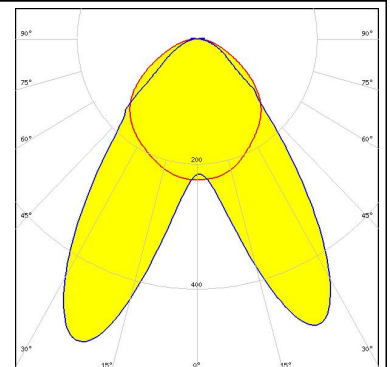
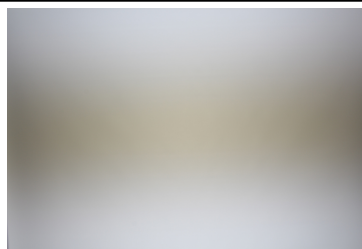
#### SAMSUNG

LED LM28xB Series  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.480 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

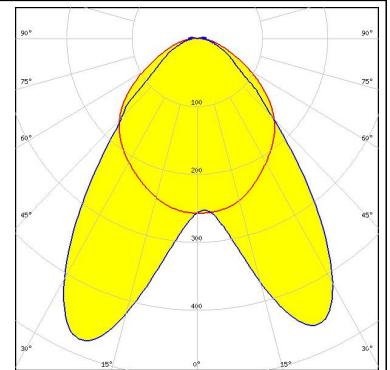
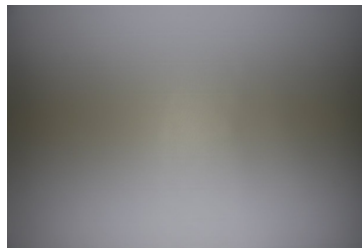
LED LM301A  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

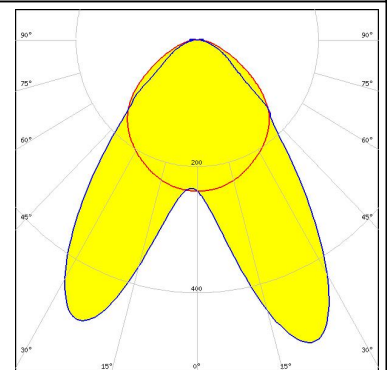
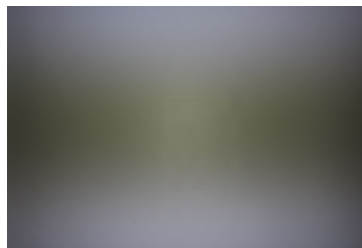
#### SAMSUNG

LED LM302A  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.480 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



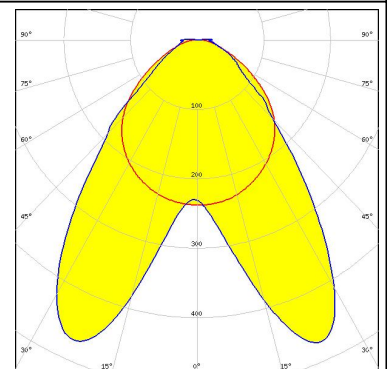
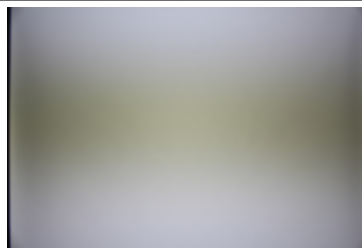
#### SAMSUNG

LED LM561C  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



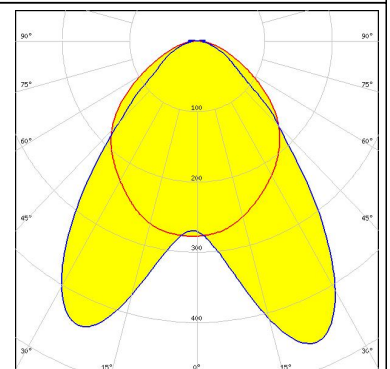
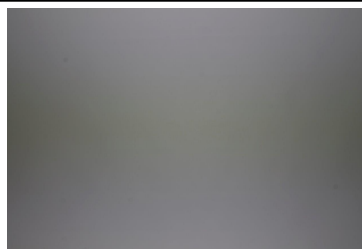
#### SAMSUNG

LED LT-S282N  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.470 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

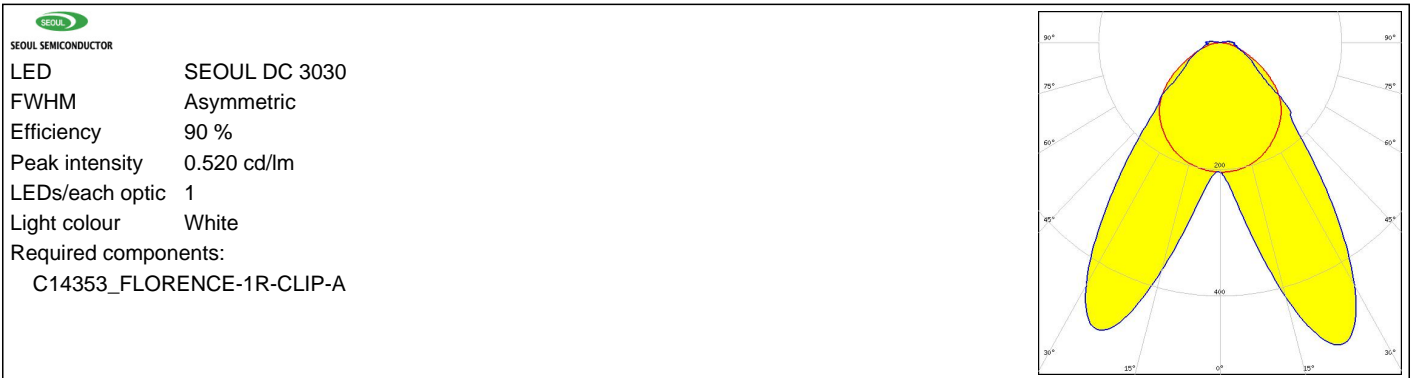


SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.460 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

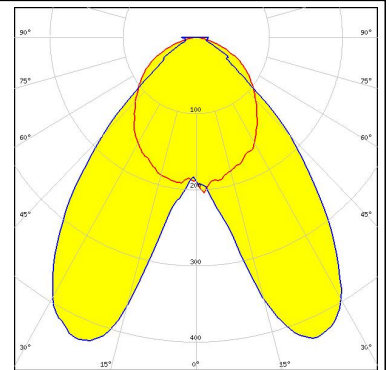




#### PHOTOMETRIC DATA (SIMULATED):

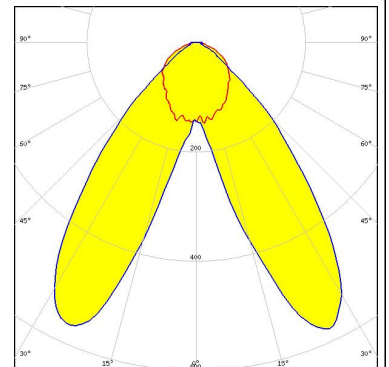
##### LG Innotek

LED LG 5630  
FWHM Asymmetric  
Efficiency 86 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

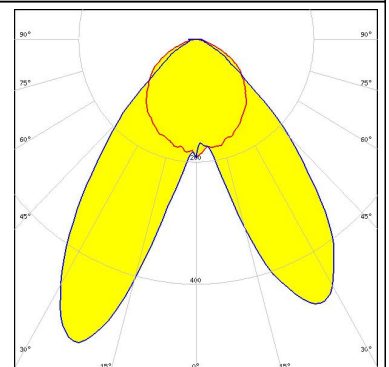
LED LUXEON 2835 Line  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.580 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

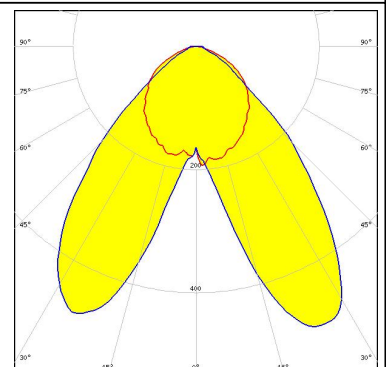
LED Duris E 2835  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.540 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



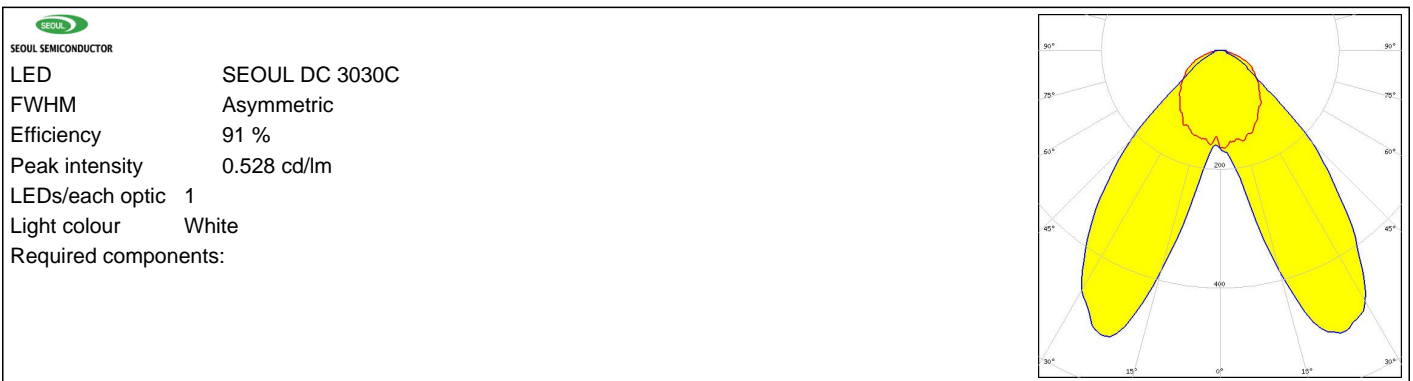
##### OSRAM

Opto Semiconductors

LED Duris E5  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):



#### 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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