


## FLORENCE-1R-UP

Asymmetric beam for uplighting

### TECHNICAL SPECIFICATIONS:

|                |   |
|----------------|---|
| Dimensions     | 285.6 x 19.5 mm   |
| Height         | 6.9 mm  |
| Fastening      | clips   |
| ROHS compliant | yes  |

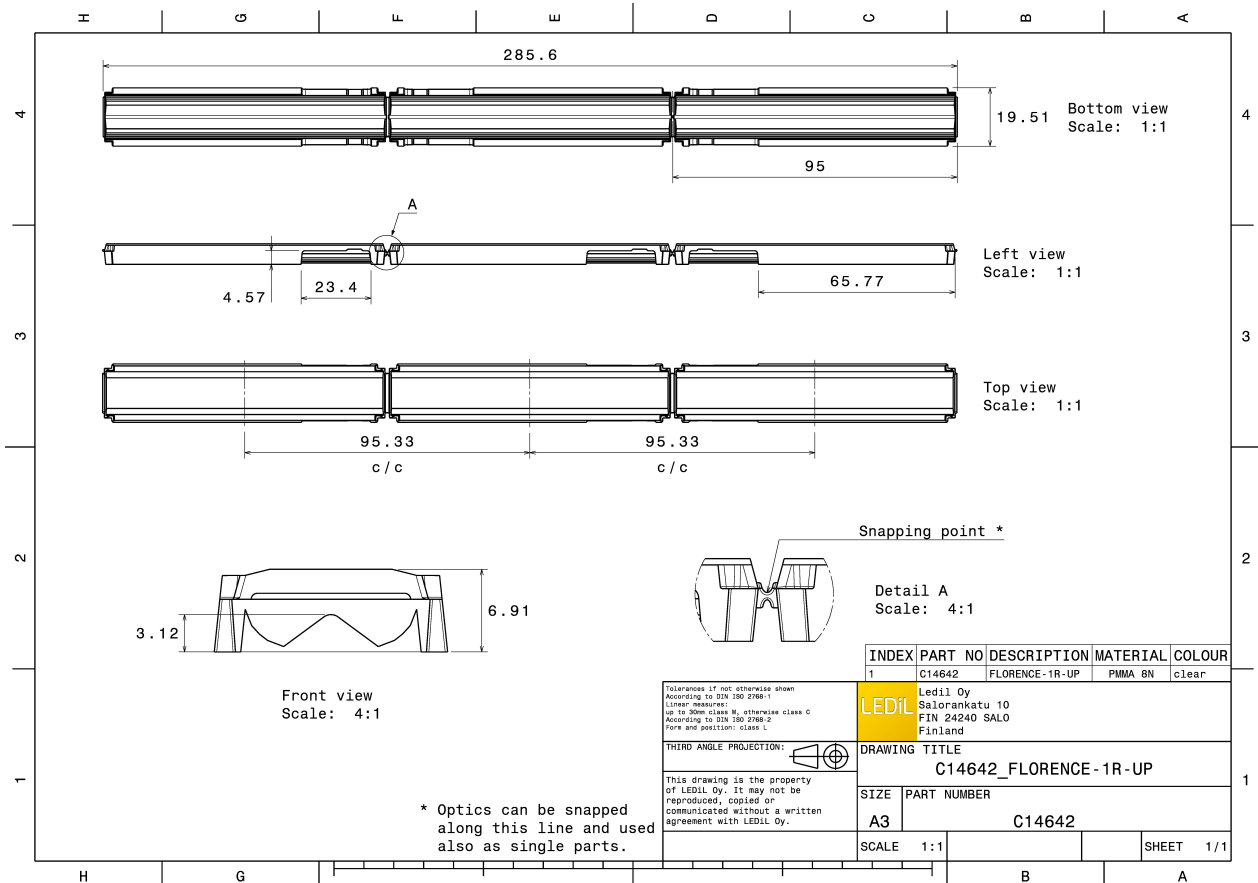
### MATERIAL SPECIFICATIONS:

| Component      | Type        | Material | Colour | Finish |
|----------------|-------------|----------|--------|--------|
| FLORENCE-1R-UP | Linear lens | PMMA     | clear  |        |



### ORDERING INFORMATION:

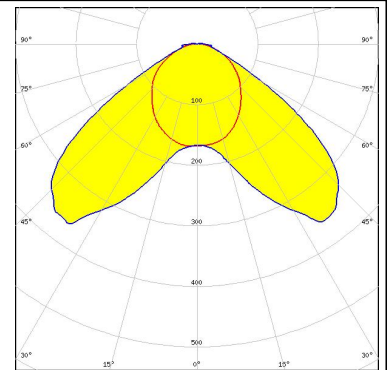
| Component   | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C14642_FLORENCE-1R-UP<br>» Box size: 480 x 280 x 300 mm | 210        | 45  | 15  | 8.2             |



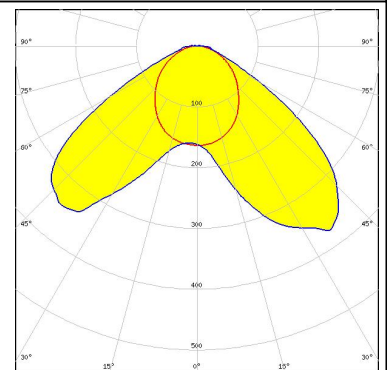
#### PHOTOMETRIC DATA (MEASURED):



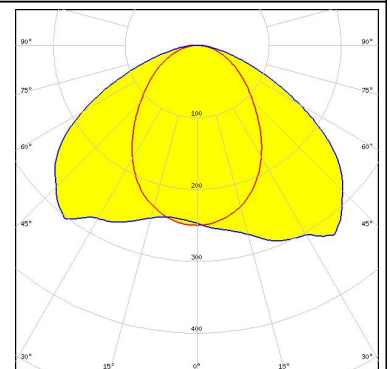
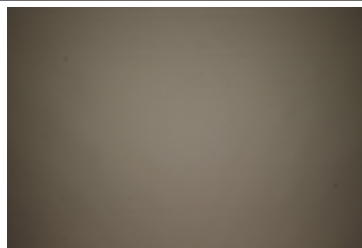
LED CALGD0414-M8W1  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



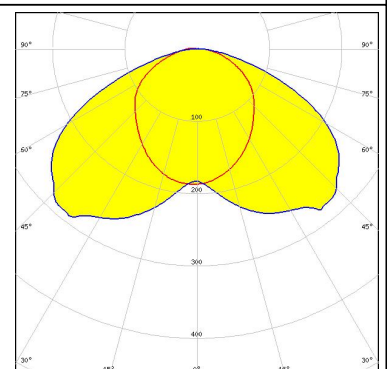
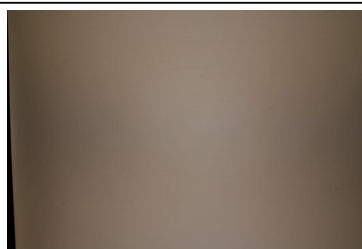
LED CALGD0814-M17W1  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED L0-280024-xxx-C0800-L267  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



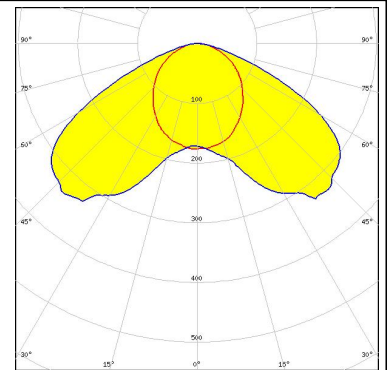
LED XH-B/G  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



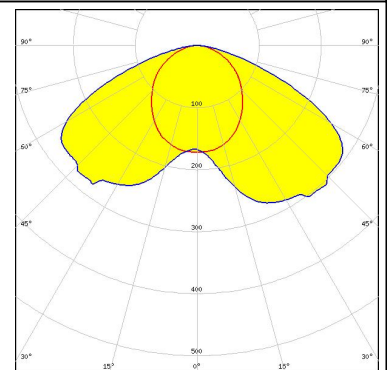
#### PHOTOMETRIC DATA (MEASURED):



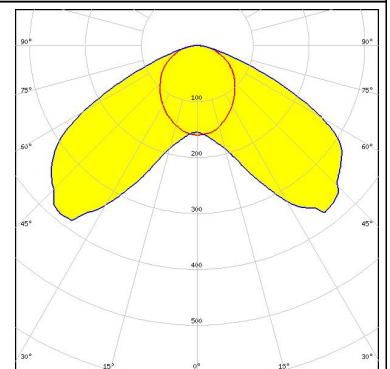
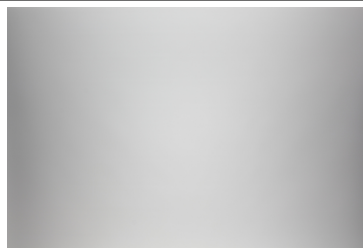
LED XP-E  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



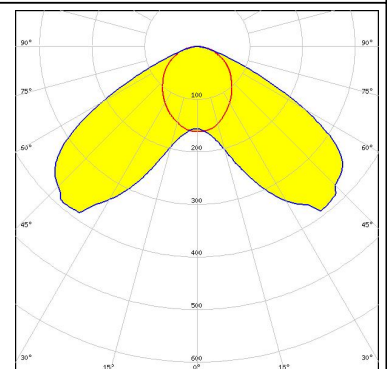
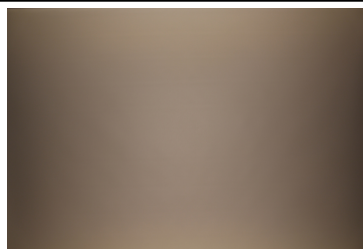
LED XP-G2  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 3014  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



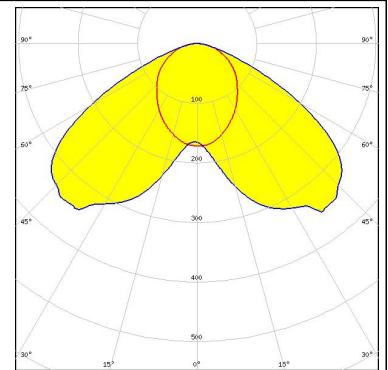
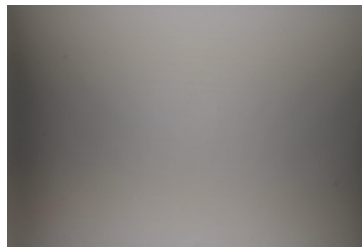
LED LUXEON 3020  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

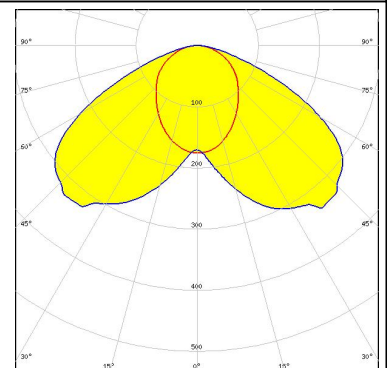
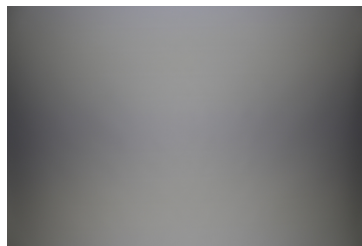
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



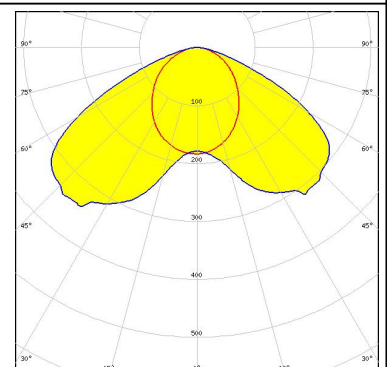
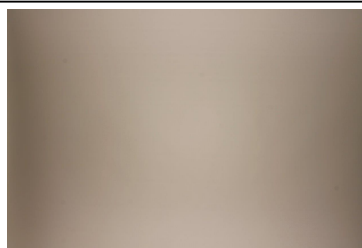
##### LUMILEDS

LED LUXEON 3535L  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



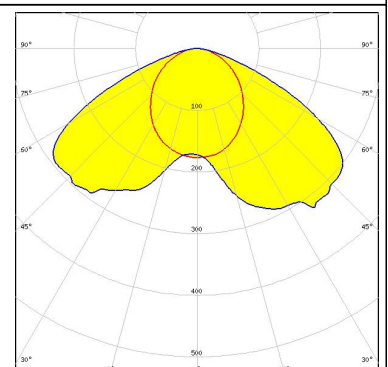
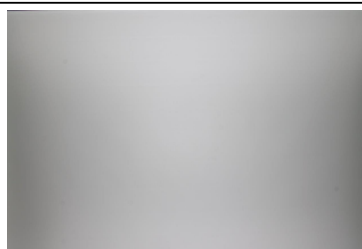
##### LUMILEDS

LED LUXEON Rebel  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

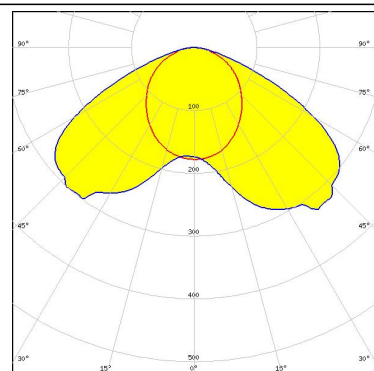
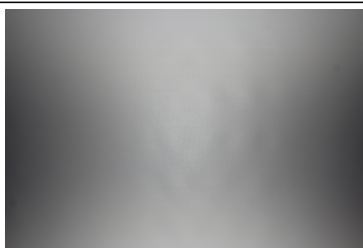




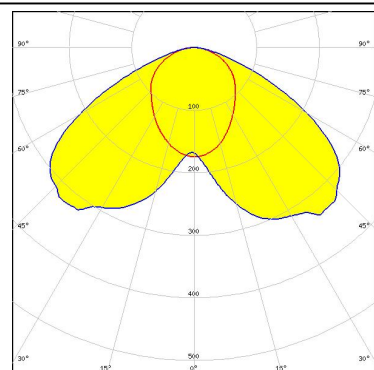
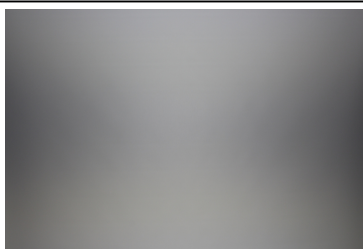
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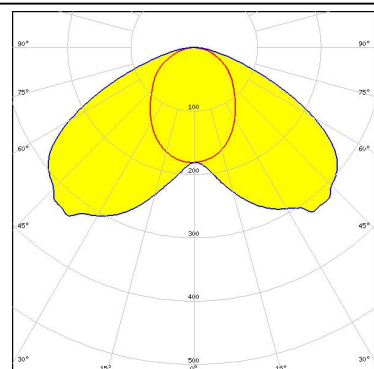
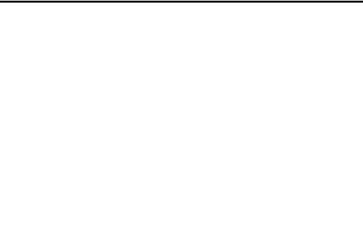
LED NCSxx19B  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



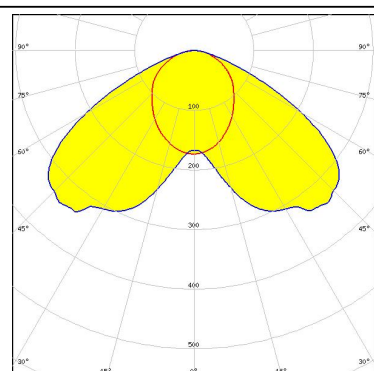
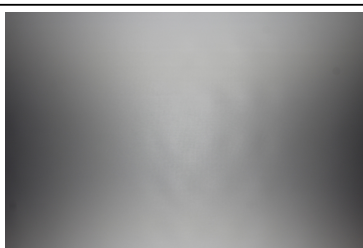
LED NF2x757G  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NFSW757H  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14353\_FLORENCE-1R-CLIP-A



LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

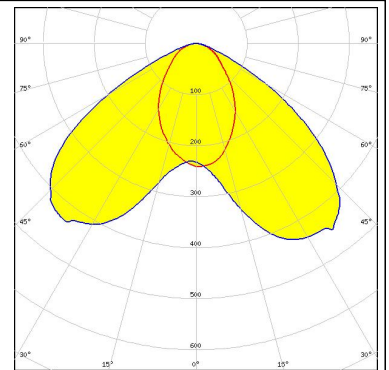
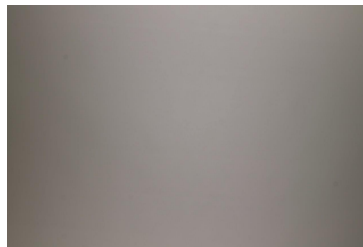


#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

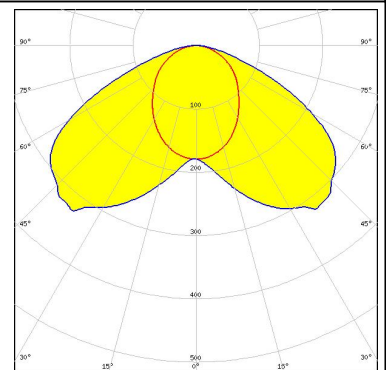
Opto Semiconductors

LED OSLON SSL 80  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



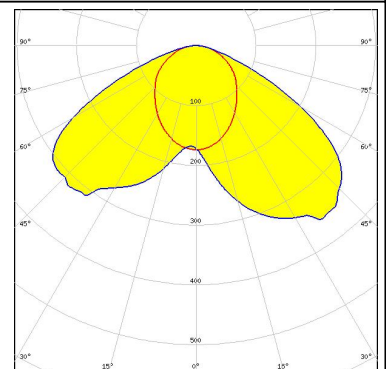
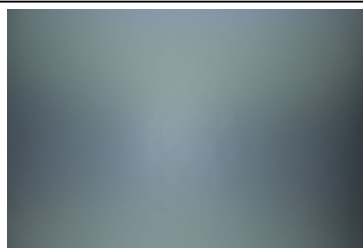
##### PHILIPS

LED Fortimo LED Line 1ft 2000lm 1R HV4  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14353\_FLORENCE-1R-CLIP-A



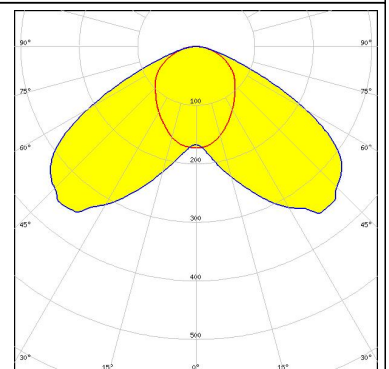
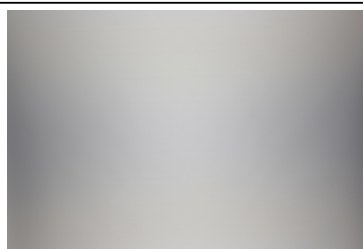
##### SAMSUNG

LED LM28xB Series  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### SAMSUNG

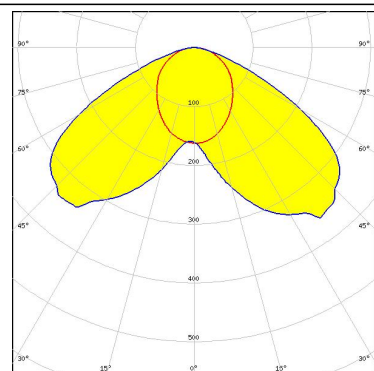
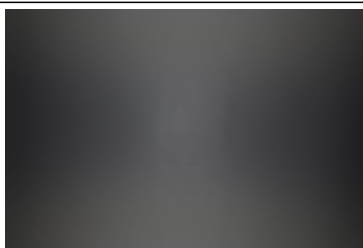
LED LM301A  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

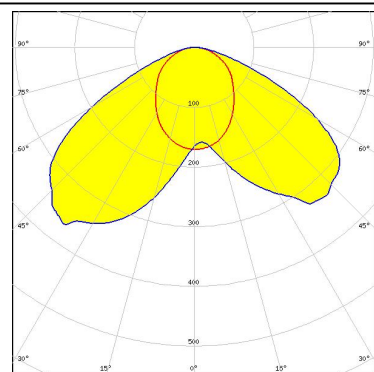
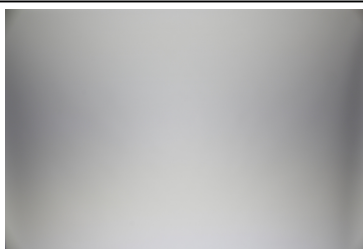
#### SAMSUNG

LED LM561C  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



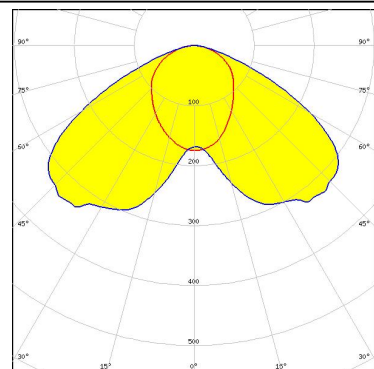
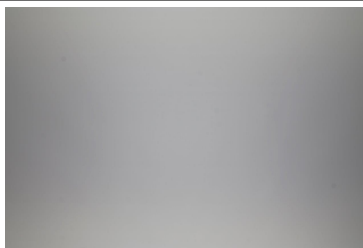
#### SAMSUNG

LED LT-S282N  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



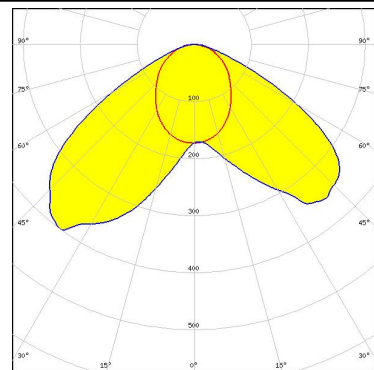
SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14353\_FLORENCE-1R-CLIP-A





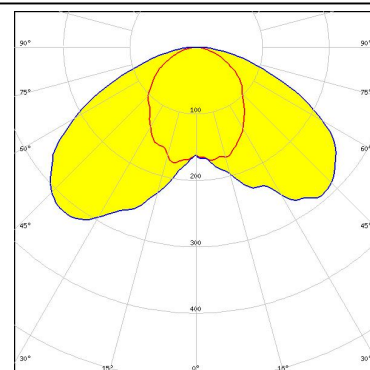
#### PHOTOMETRIC DATA (SIMULATED):



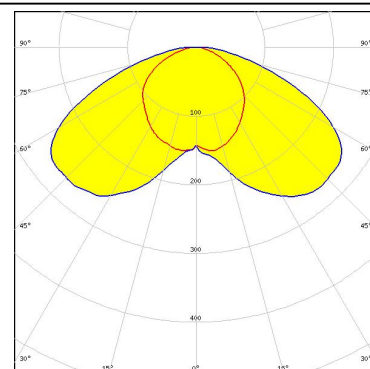
LED J Series 3030  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



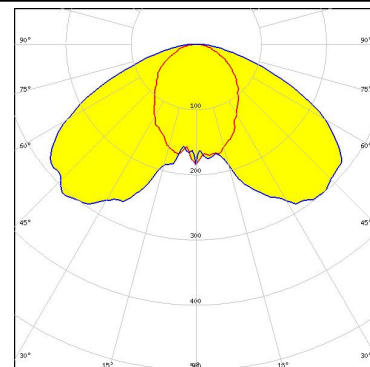
LED Duris E 2835  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



LED SEOUL DC 3030C  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.3 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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