

VICTORIA-IP-WWW

~90° wide beam. Ingress protected version.

SPECIFICATION:

| | |
|----------------------------|------------|
| Dimensions | Ø 300.0 mm |
| Height | 18.1 mm |
| Fastening | screw |
| Ingress protection classes | IP66, IP67 |
| ROHS compliant | yes ⓘ |

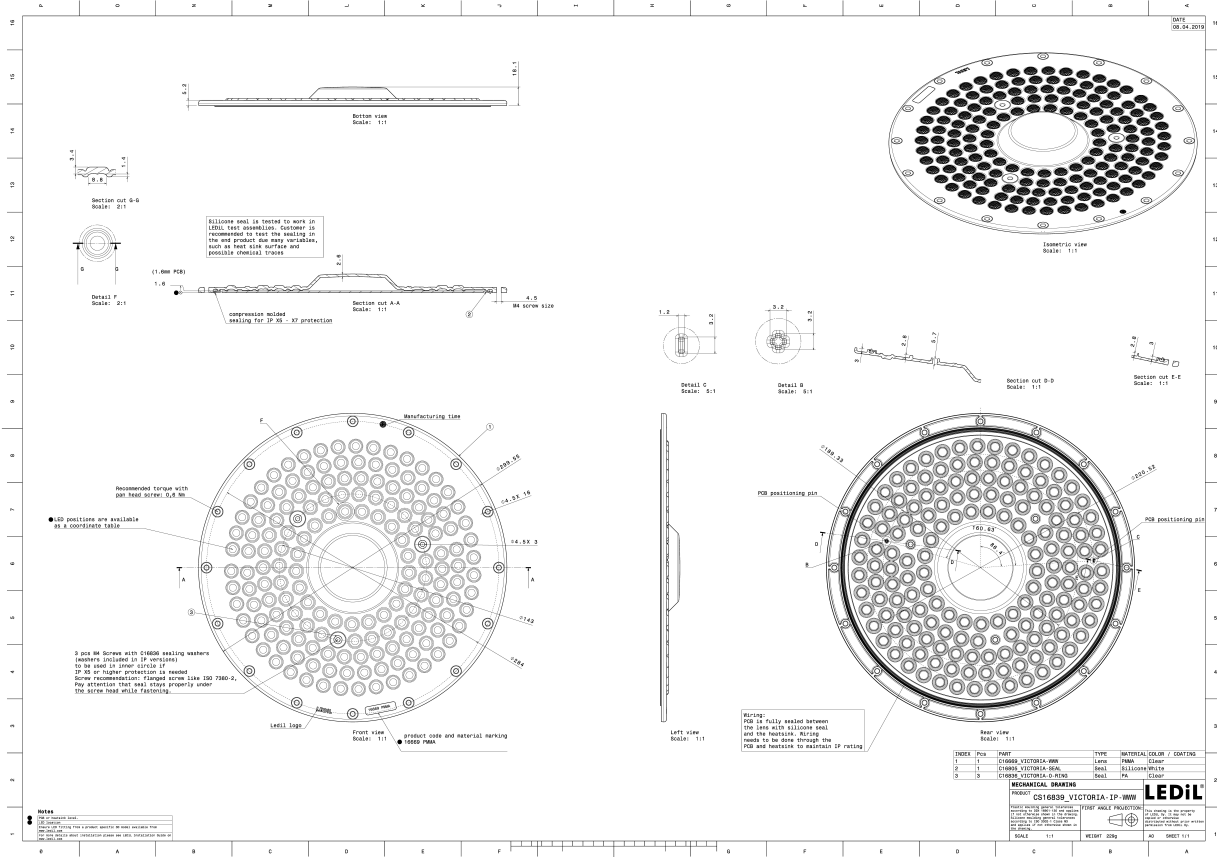


MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|-----------------|------------|----------|--------|--------|-------------|
| VICTORIA-WWW | Multi-lens | PMMA | clear | | |
| VICTORIA-O-RING | Seal | Silicone | milky | | |
| VICTORIA-SEAL | Seal | Silicone | clear | | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| CS16839_VICTORIA-IP-WWW » Box size: 343 x 343 x 298 mm | 34 | 34 | 34 | 9.1 |



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

OPTICAL RESULTS (MEASURED):

 **ELECTRIO**
OPTICAL ENGINEERING


| | |
|----------------------|----------------|
| LED | Victoria-PCB |
| FWHM / FWTM | 88.0° / 110.0° |
| Efficiency | 93 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |
| Required components: | |



Light distribution files

SAMSUNG

| | |
|----------------------|---------------------|
| LED | HiLOM HCF0 (LH181B) |
| FWHM / FWTM | 85.0° / 110.0° |
| Efficiency | 94 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

SAMSUNG

| | |
|----------------------|----------------|
| LED | LH181B |
| FWHM / FWTM | 85.0° / 110.0° |
| Efficiency | 94 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

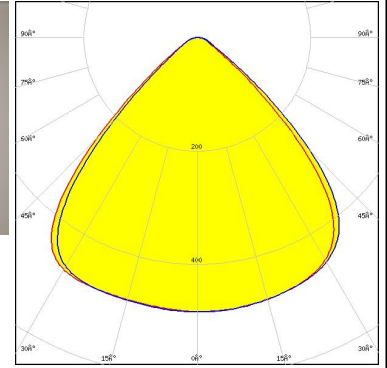


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LH508A
FWHM / FWTM 90.0° / 115.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

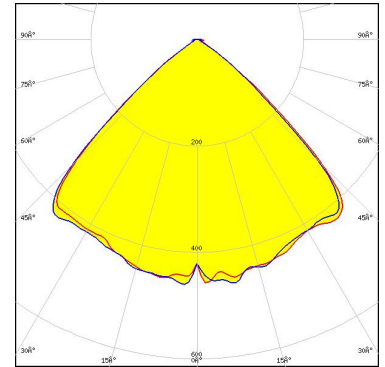


Light distribution files

OPTICAL RESULTS (SIMULATED):



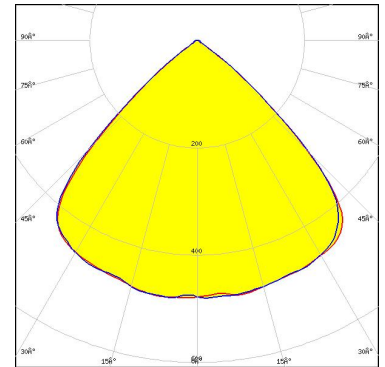
LED J Series 2835
FWHM / FWTM 95.0° / 112.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



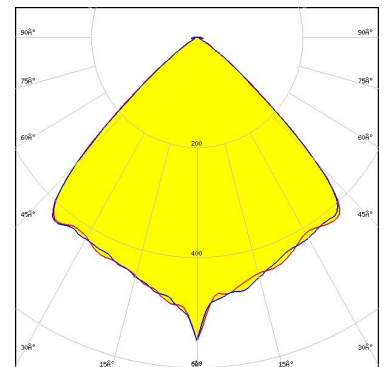
LED J Series 5050 Round LES
FWHM / FWTM 92.0° / 107.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 2835 Line
FWHM / FWTM 92.0° / 110.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

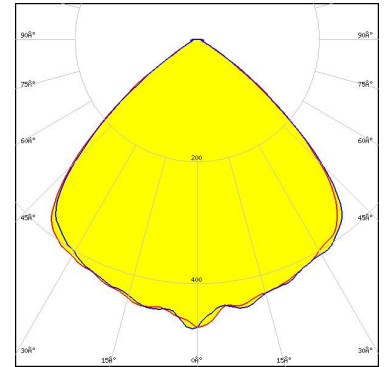


Light distribution files

OPTICAL RESULTS (SIMULATED):



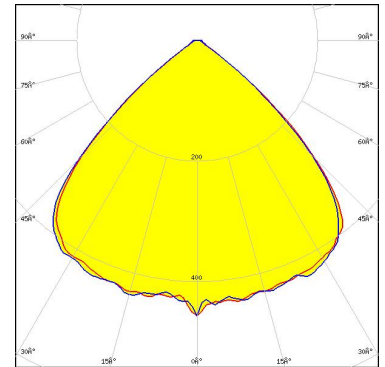
LED LUXEON 2835 Line
FWHM / FWTM 95.0° / 117.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files



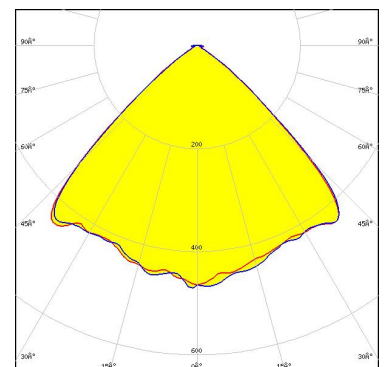
LED NFMW48xA
FWHM / FWTM 93.8° / 112.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris E 2835
FWHM / FWTM 94.0° / 111.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

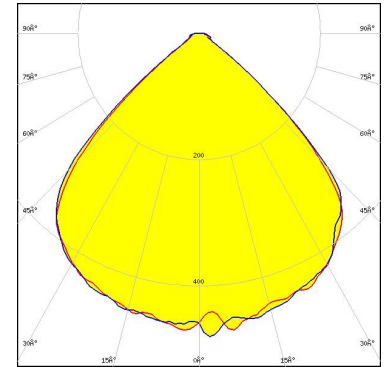


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

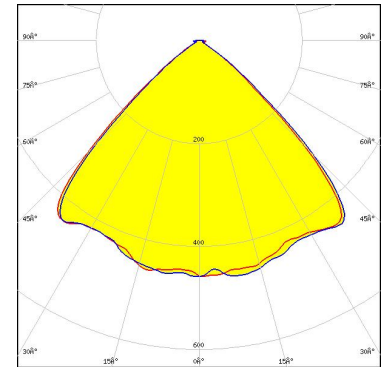
LED Duris S8
FWHM / FWTM 94.0° / 112.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

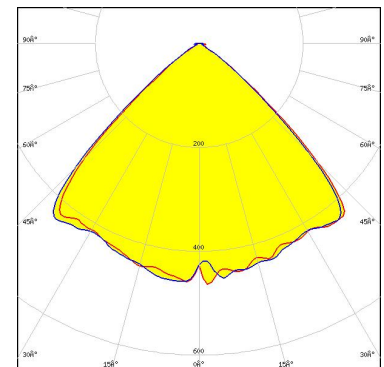
LED LH231B
FWHM / FWTM 94.0° / 111.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

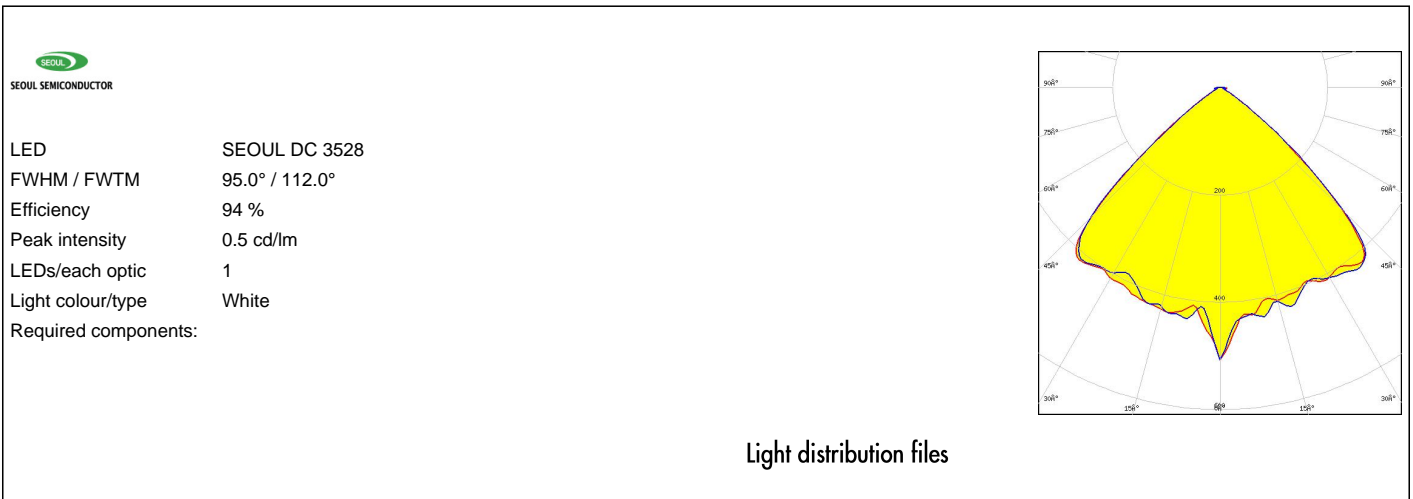
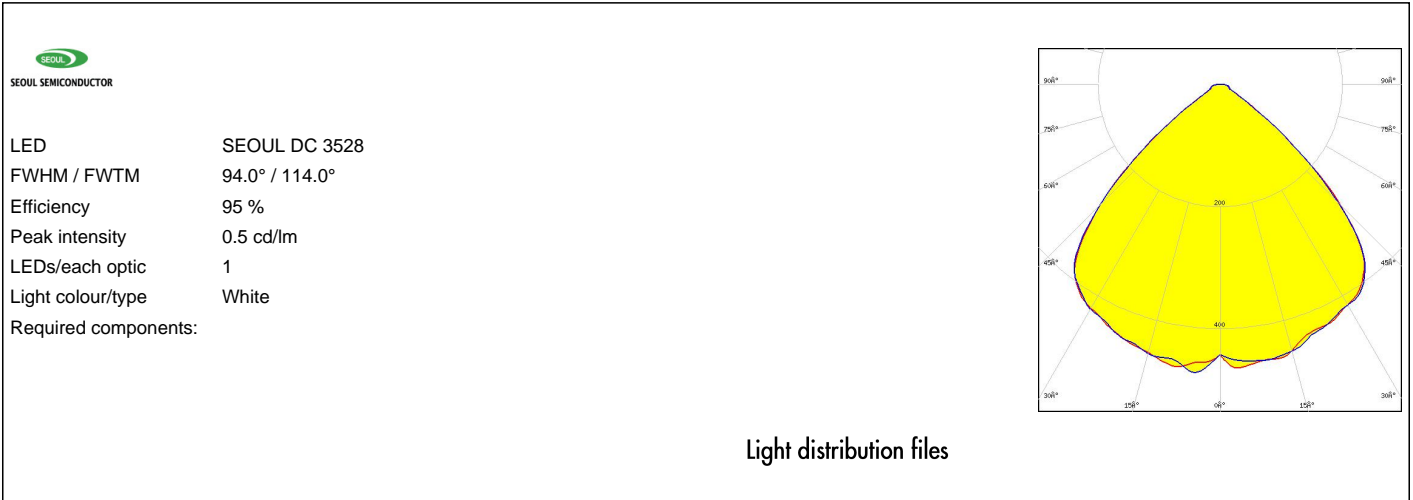
SAMSUNG

LED LM28xB Series
FWHM / FWTM 95.0° / 111.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
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)