

## STRADA-2X2-T1

Symmetric IESNA Type I (medium) beam for narrow roads and paths with long pole distance and tilted armature

### SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.8 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

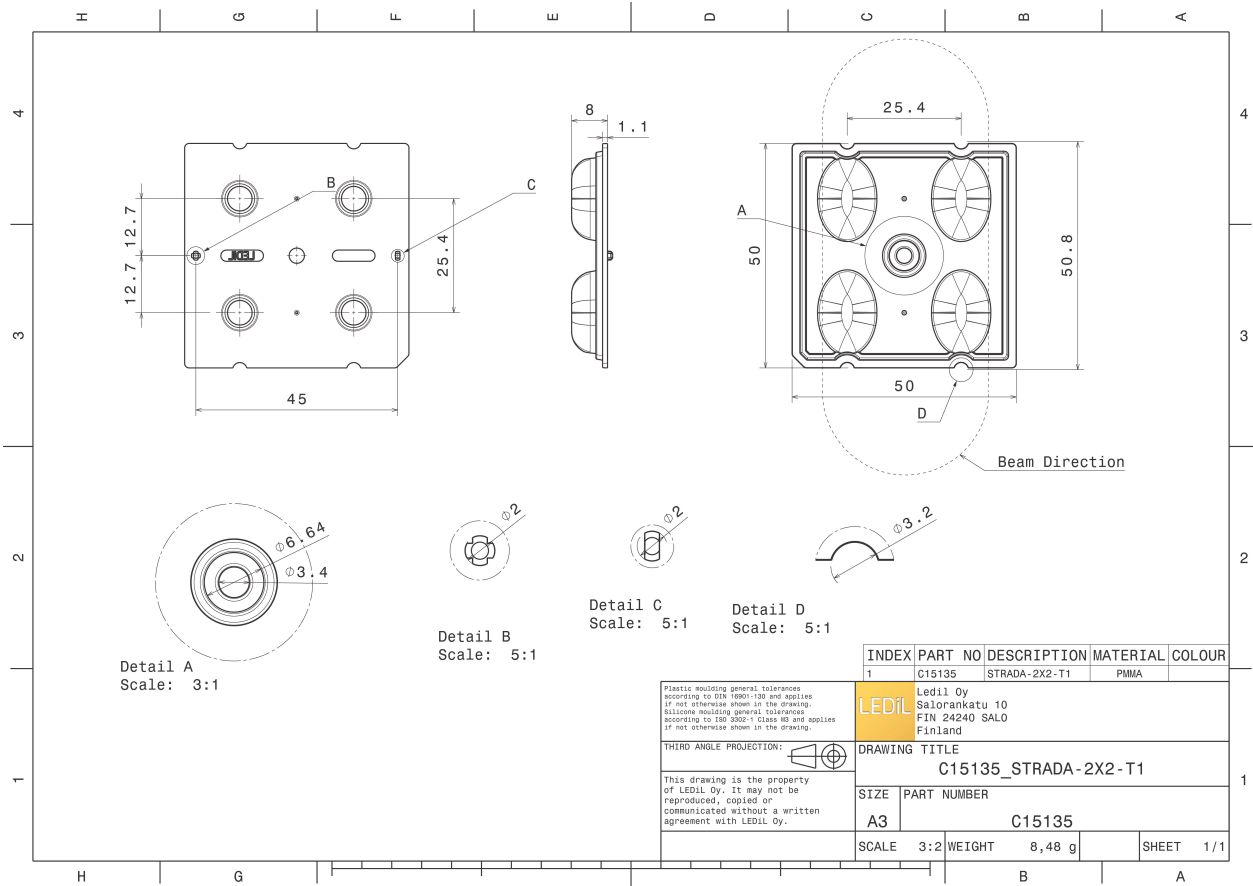


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-2X2-T1	Multi-lens	PMMA	clear		50.0

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15135_STRADA-2X2-T1 » Box size: 480 x 280 x 300 mm	800	160	160	6.9

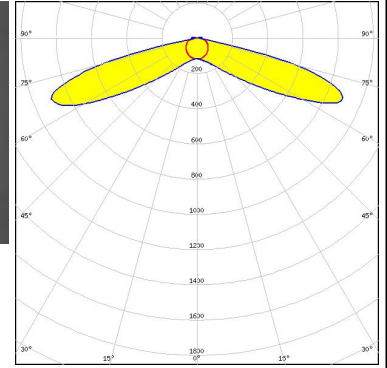


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



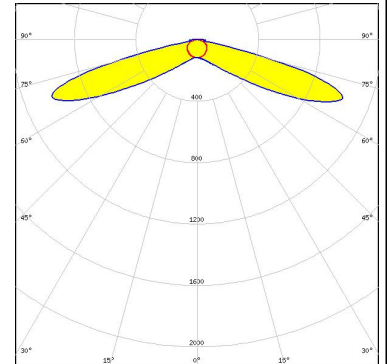
**LED** Bridgelux SMD 5050  
**FWHM / FWTM** Asymmetric  
**Efficiency** 94 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



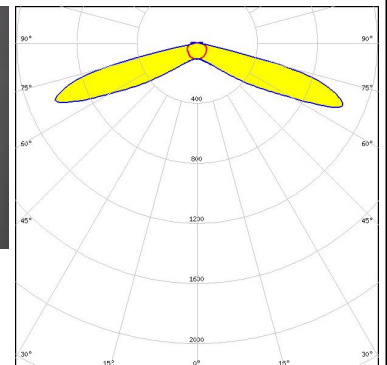
**LED** J Series 5050C 6V E Class  
**FWHM / FWTM** Asymmetric  
**Efficiency** 96 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XD16  
**FWHM / FWTM** Asymmetric  
**Efficiency** 94 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 4  
**Light colour/type** White  
**Required components:**

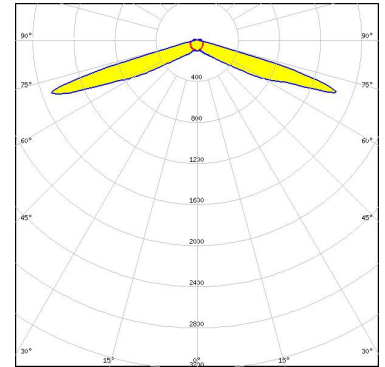


Light distribution files

### OPTICAL RESULTS (MEASURED):



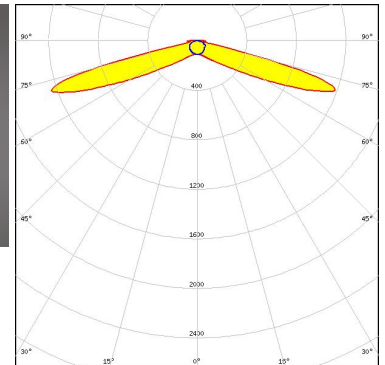
LED XD16  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



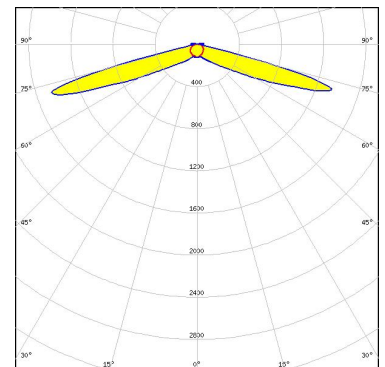
LED XM-L3  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



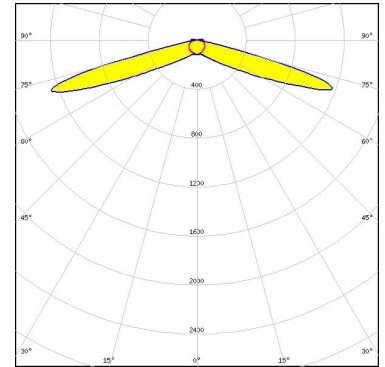
Light distribution files



#### OPTICAL RESULTS (MEASURED):



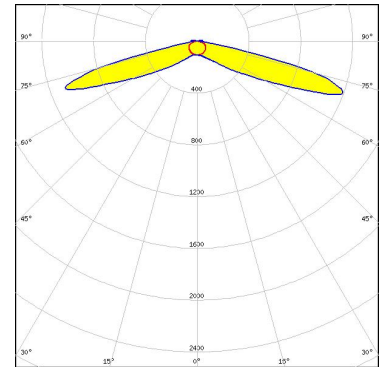
LED XP-G3  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



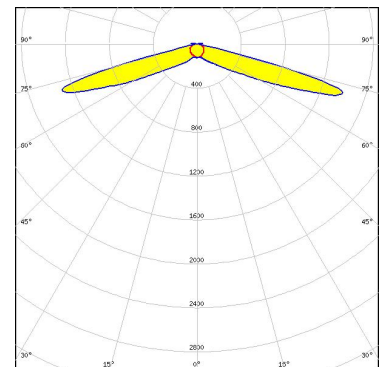
LED XP-L HD  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-L HI  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

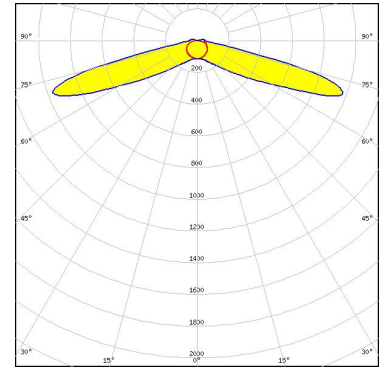


Light distribution files

#### OPTICAL RESULTS (MEASURED):



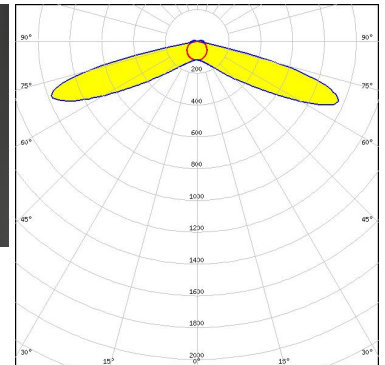
LED XP-L2  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



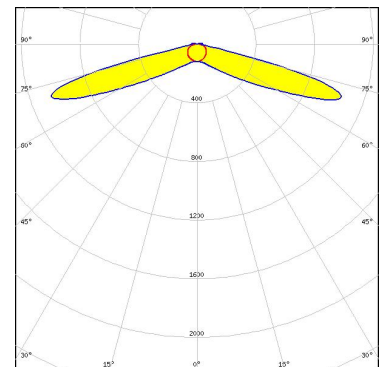
LED LUXEON 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON V  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

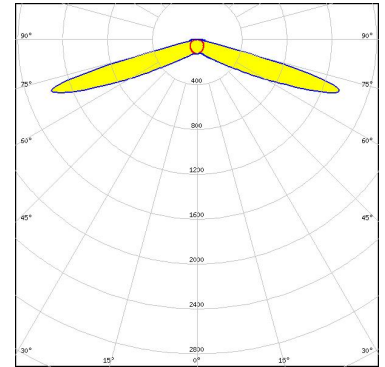


Light distribution files

#### OPTICAL RESULTS (MEASURED):



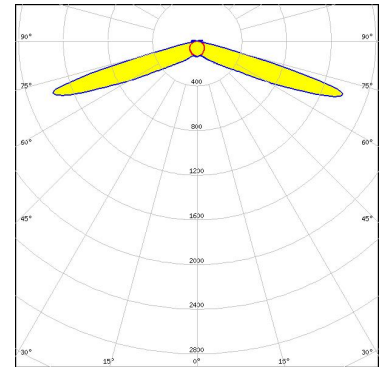
LED LUXEON V2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



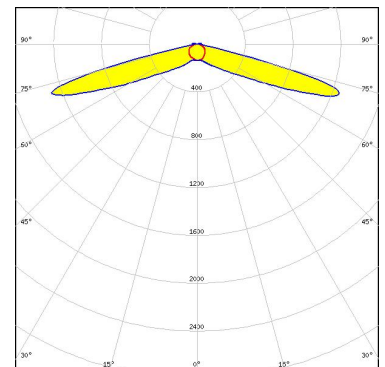
LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSW219D  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

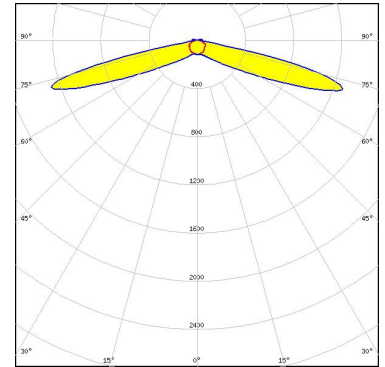


Light distribution files

#### OPTICAL RESULTS (MEASURED):



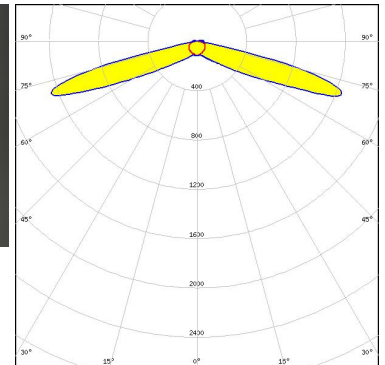
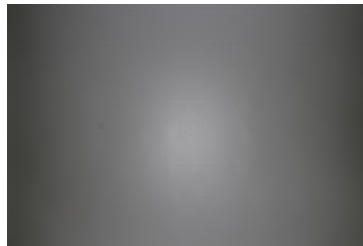
LED NVSW319B  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



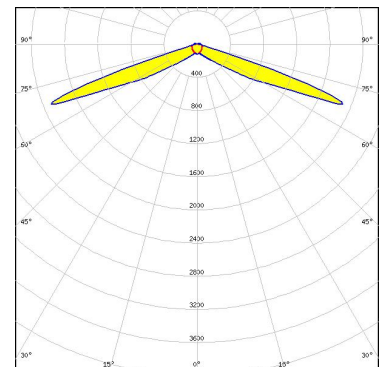
LED NVSW3x9A  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSxE21A  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

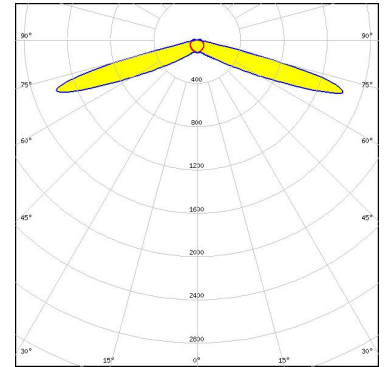


Light distribution files

#### OPTICAL RESULTS (MEASURED):



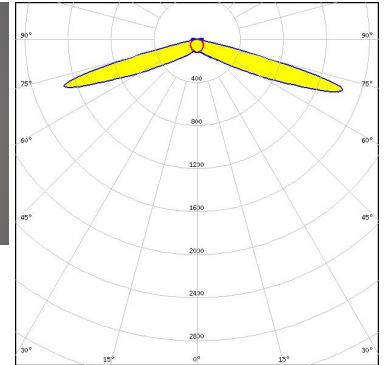
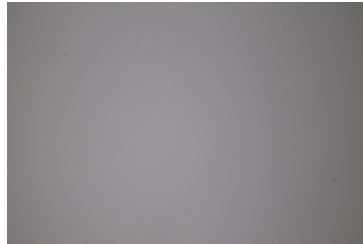
LED NVSxx19B/NVSxx19C  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



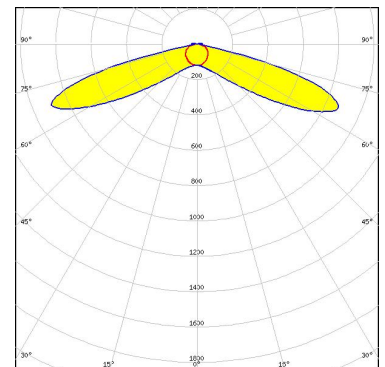
LED PrevaLED Brick HP 2x8  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

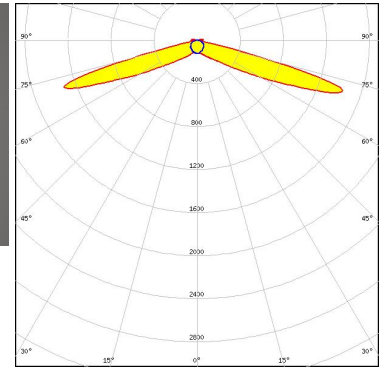


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

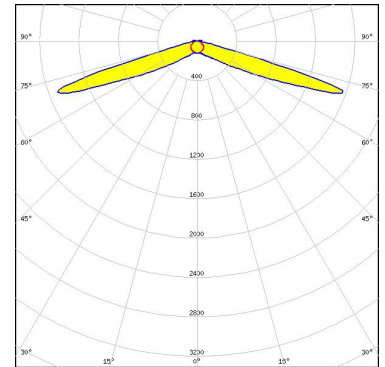
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

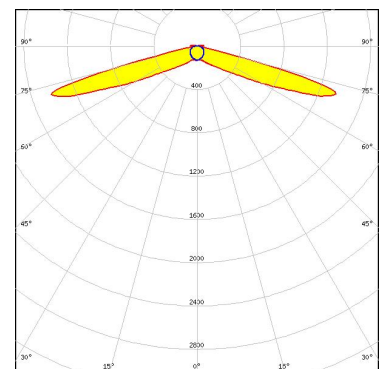
LED OSLON Square PC  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**PHILIPS**

LED Fortimo FastFlex LED 2x8 DA G4  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

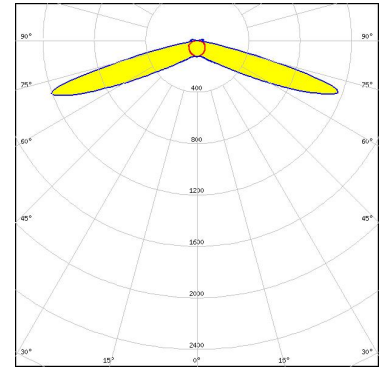


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### PHILIPS

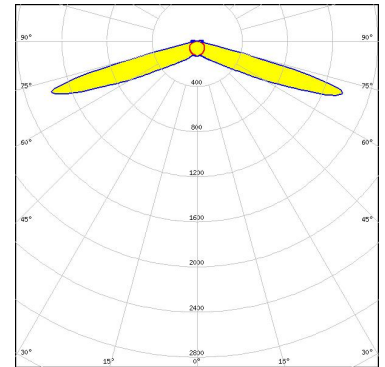
LED Fortimo FastFlex LED 2x8 DA G4+  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### PHILIPS

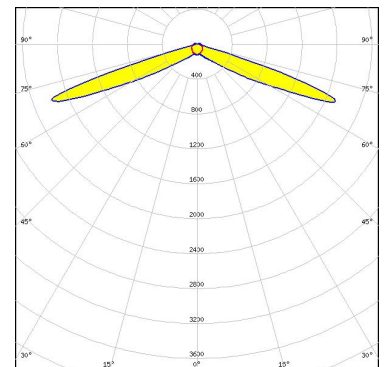
LED Fortimo FastFlex LED 2x8 DA G5  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED HiLOM RC12 Z (LH181B)  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



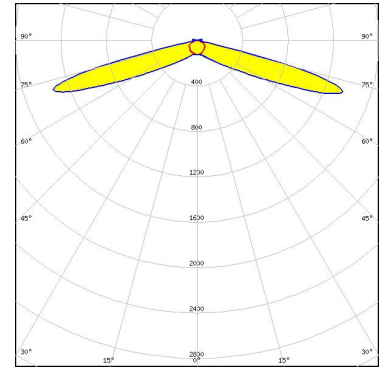
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

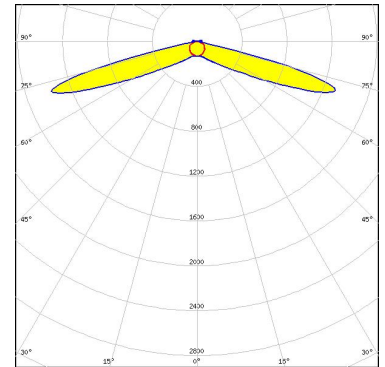
LED HiLOM RH12 Z (LH351C)  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

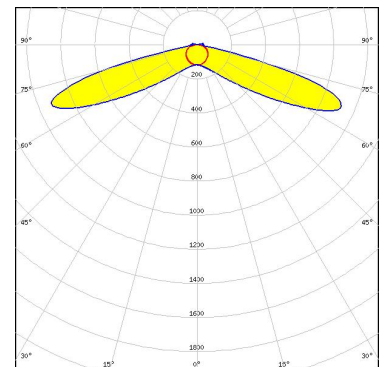
LED HiLOM RH16 (LH351C)  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

LED HiLOM RM12 Z (LH502C)  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

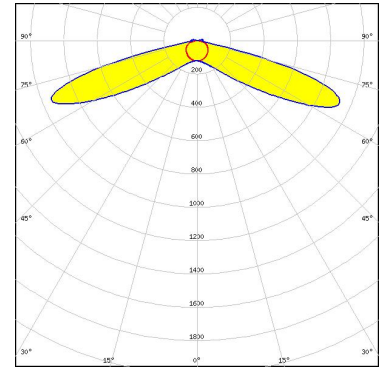


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

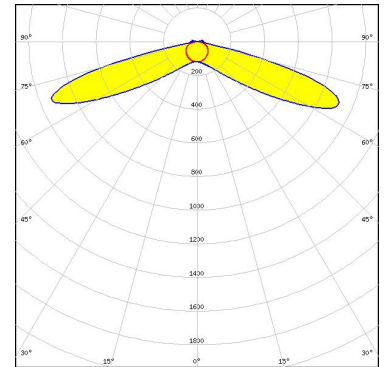
LED HiLOM RM16 Z (LH502C)  
FWHM / FWTM Asymmetric  
Efficiency 99 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

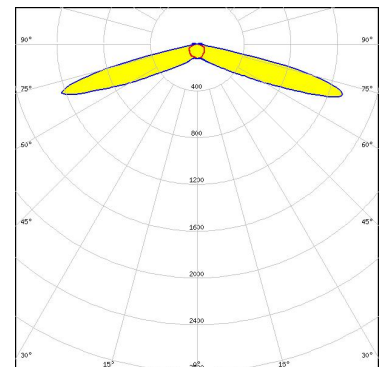
LED HiLOM RM8 Z (LH502C)  
FWHM / FWTM Asymmetric  
Efficiency 98 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LH351B  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

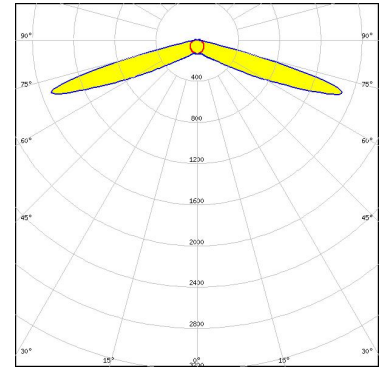


Light distribution files

#### OPTICAL RESULTS (MEASURED):



LED LED-Pa-L15c2W11c2-xxx-C050-01  
 FWHM / FWTM Asymmetric  
 Efficiency 98 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

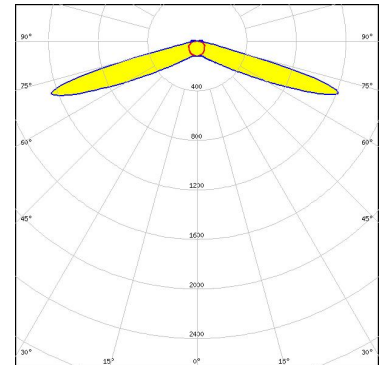


Light distribution files



SEOL SEMICONDUCTOR

LED Z5M3  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

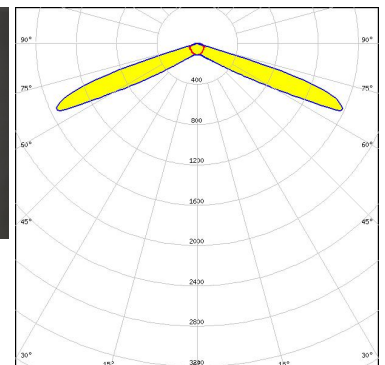
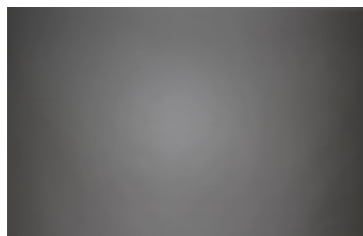


Light distribution files




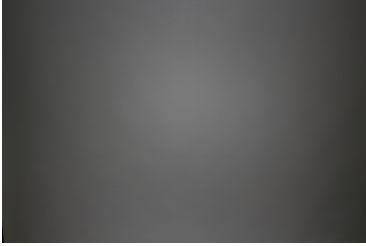
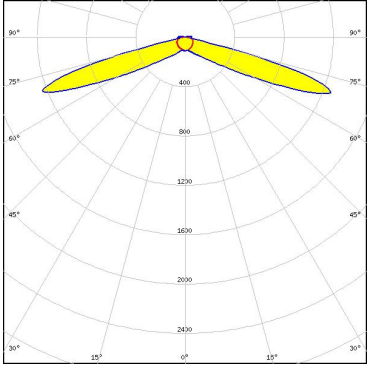
SEOL SEMICONDUCTOR

LED Z8Y22  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

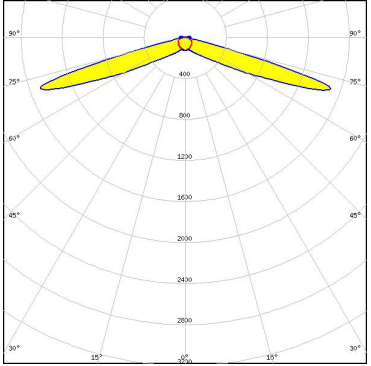
### OPTICAL RESULTS (MEASURED):

 SEOL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM / FWTM	Asymmetric		
Efficiency	94 %		
Peak intensity	1.3 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

<b>TRIDONIC</b>			
LED	RLE 2x4 2000lm HP EXC2 OTD		
FWHM / FWTM	Asymmetric		
Efficiency	94 %		
Peak intensity	1.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

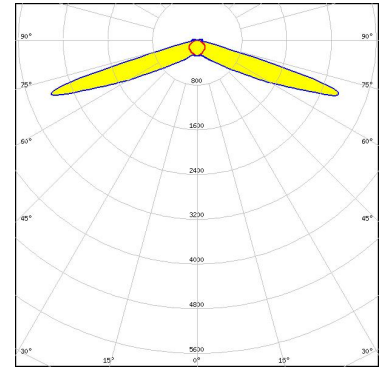
<b>TRIDONIC</b>			
LED	RLE 2x8 4000lm HP EXC2 OTD		
FWHM / FWTM	Asymmetric		
Efficiency	94 %		
Peak intensity	1.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

#### OPTICAL RESULTS (MEASURED):

### TRIDONIC

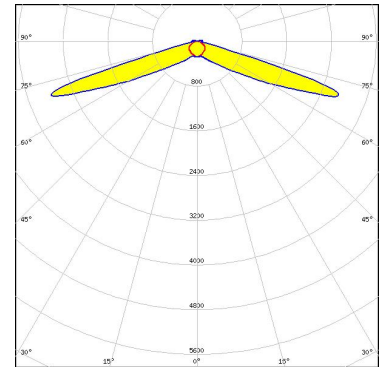
LED RLE G1 49x121mm 2000lm xxx EXC OTD  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### TRIDONIC

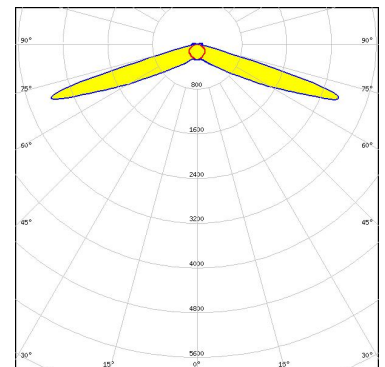
LED RLE G1 49x133mm 2000lm xxx EXC OTD  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

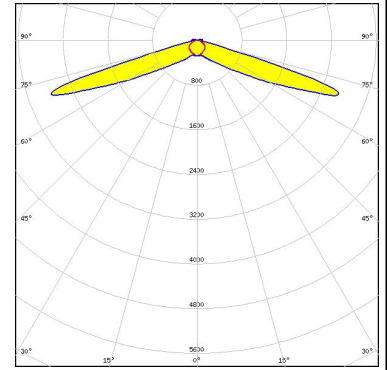


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



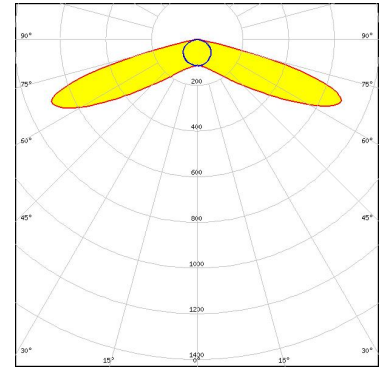
Light distribution files

### OPTICAL RESULTS (SIMULATED):



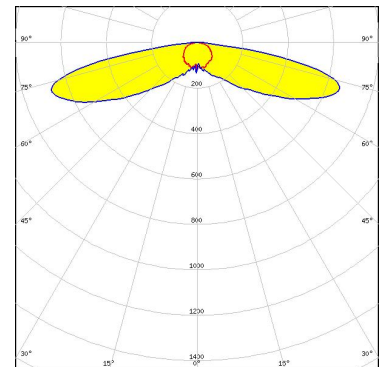
LED J Series 5050C 6V E Class  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass



LED MHB-A/B  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

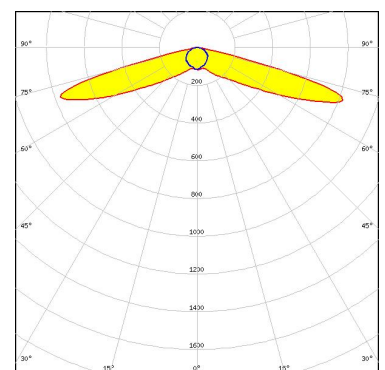
Light distribution files



LED XP-G2  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

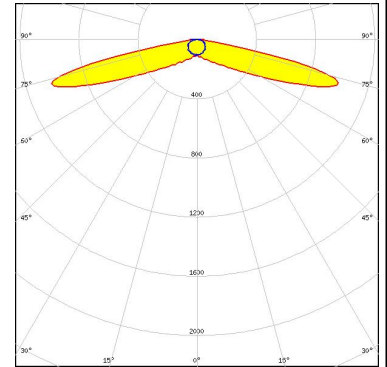




#### OPTICAL RESULTS (SIMULATED):



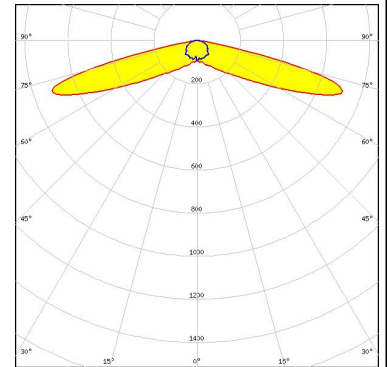
LED XP-G2 HE  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 74 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

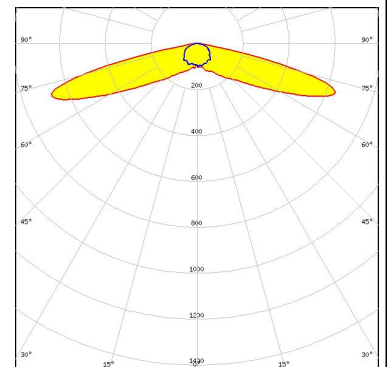


Protective plate, glass

Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 77 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Protective plate, glass

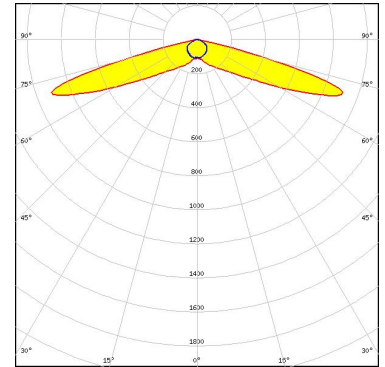
Light distribution files

#### OPTICAL RESULTS (SIMULATED):

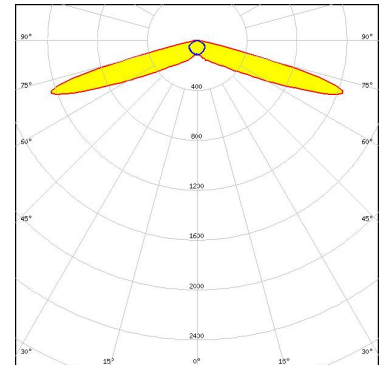


LED XP-G4  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

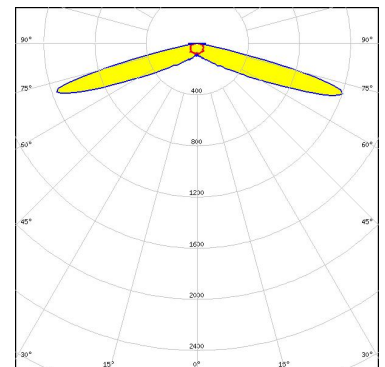
Protective plate, glass



LED XP-G4  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED XT-E  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

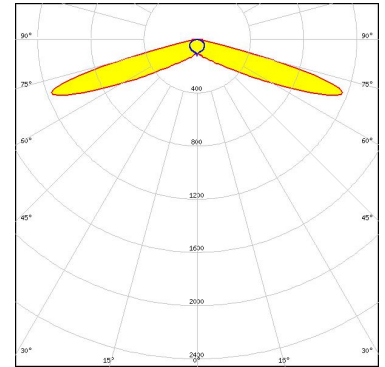


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



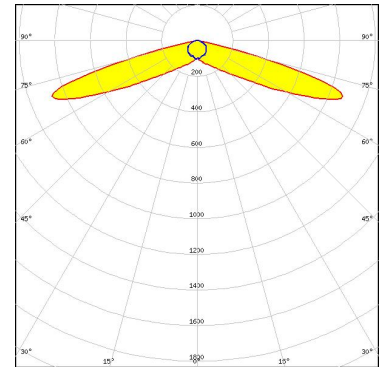
LED LUXEON 3030 HE Plus  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 3030 HE Plus  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

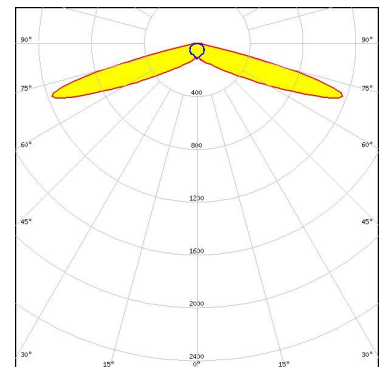


Protective plate, glass

Light distribution files



LED LUXEON 3535L  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

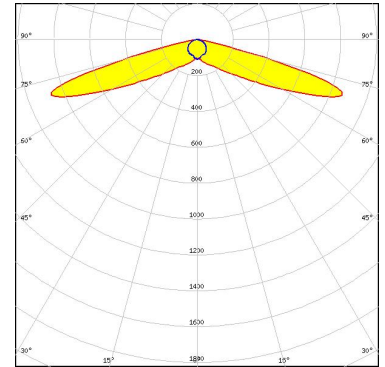
#### OPTICAL RESULTS (SIMULATED):



LED LUXEON 3535L  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

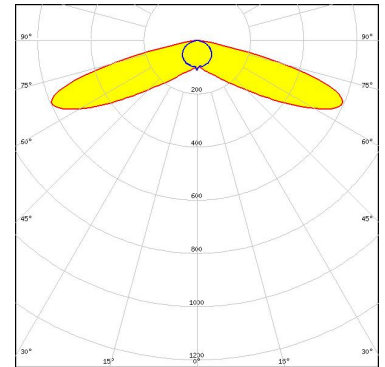
Light distribution files



LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

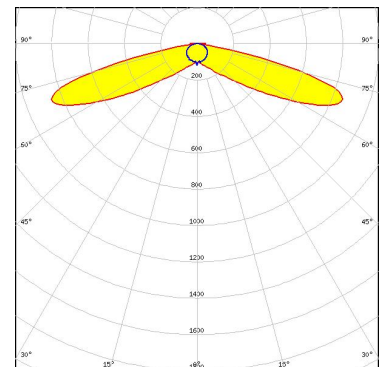
Protective plate, glass

Light distribution files



LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



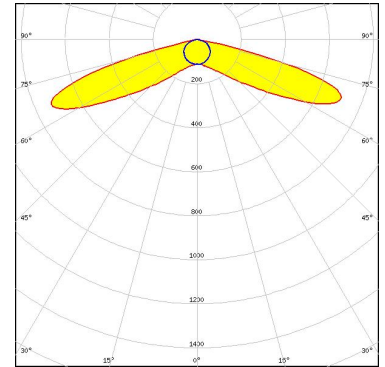
#### OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

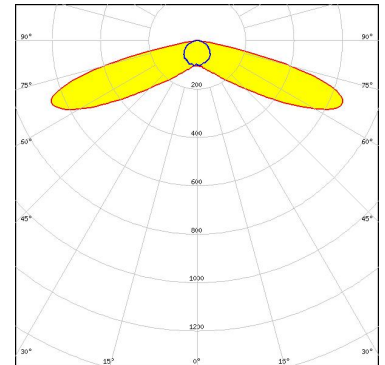
Light distribution files



LED LUXEON 5050 Square LES  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

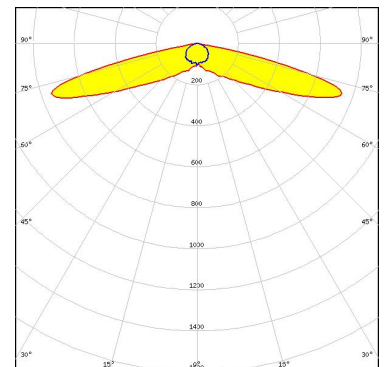
Light distribution files



LED LUXEON HL2X  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

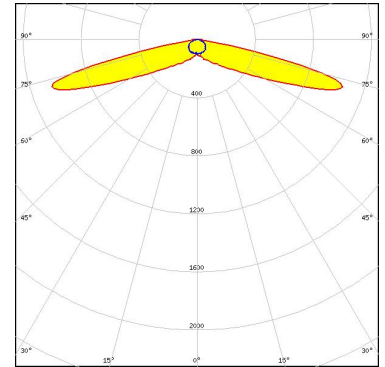
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



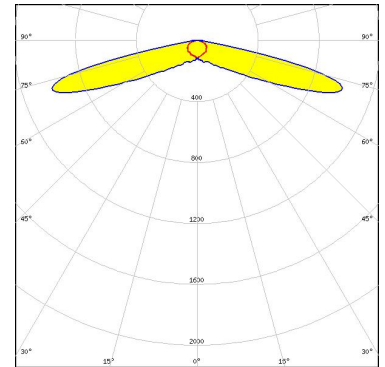
LED LUXEON HL2X  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



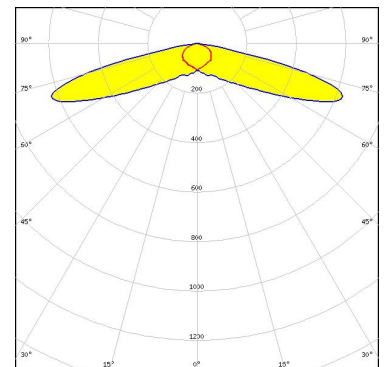
LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Protective plate, glass

Light distribution files

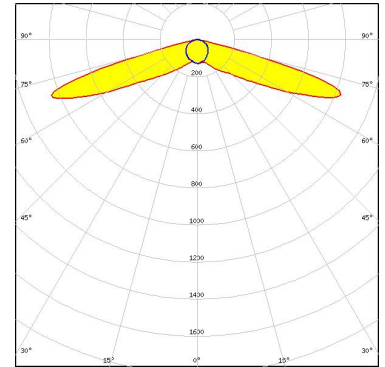
#### OPTICAL RESULTS (SIMULATED):

**MST** | *Your solutions*

LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

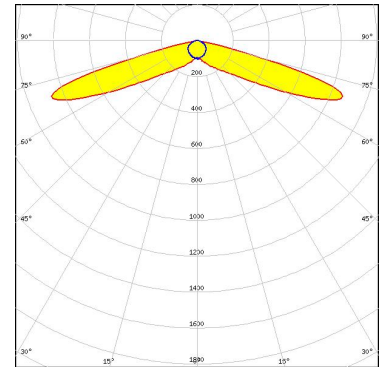


**NICHIA**

LED NF2x757G  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

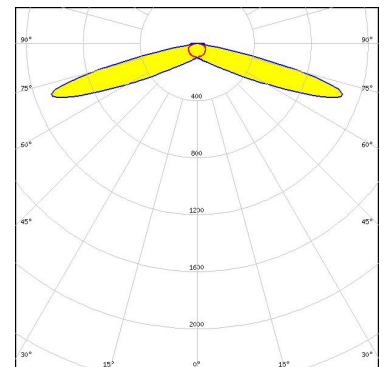
Light distribution files



**NICHIA**

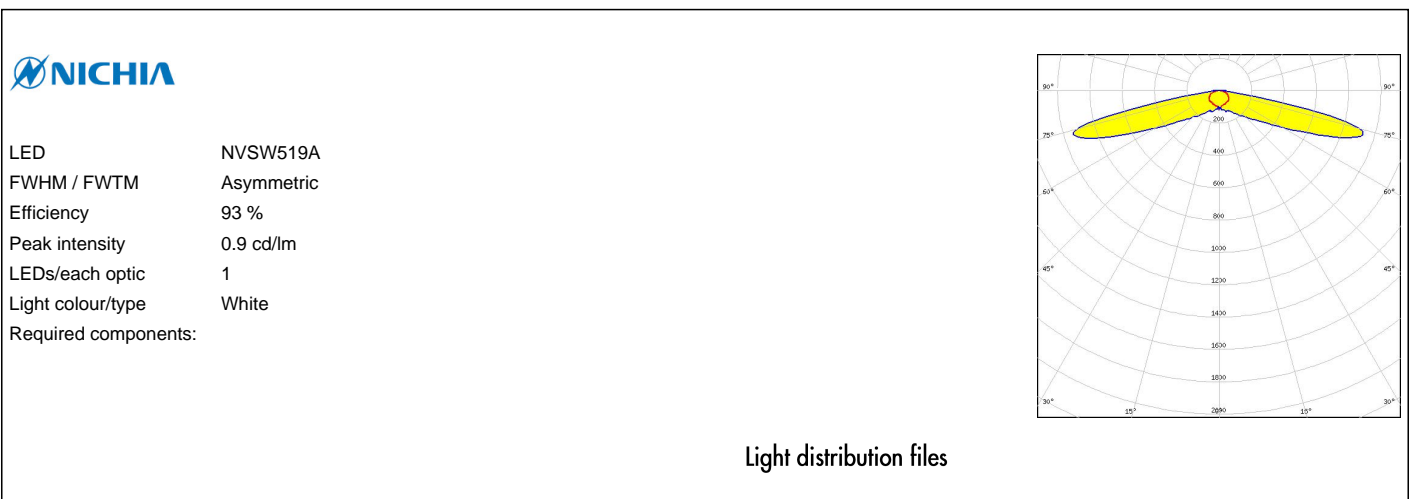
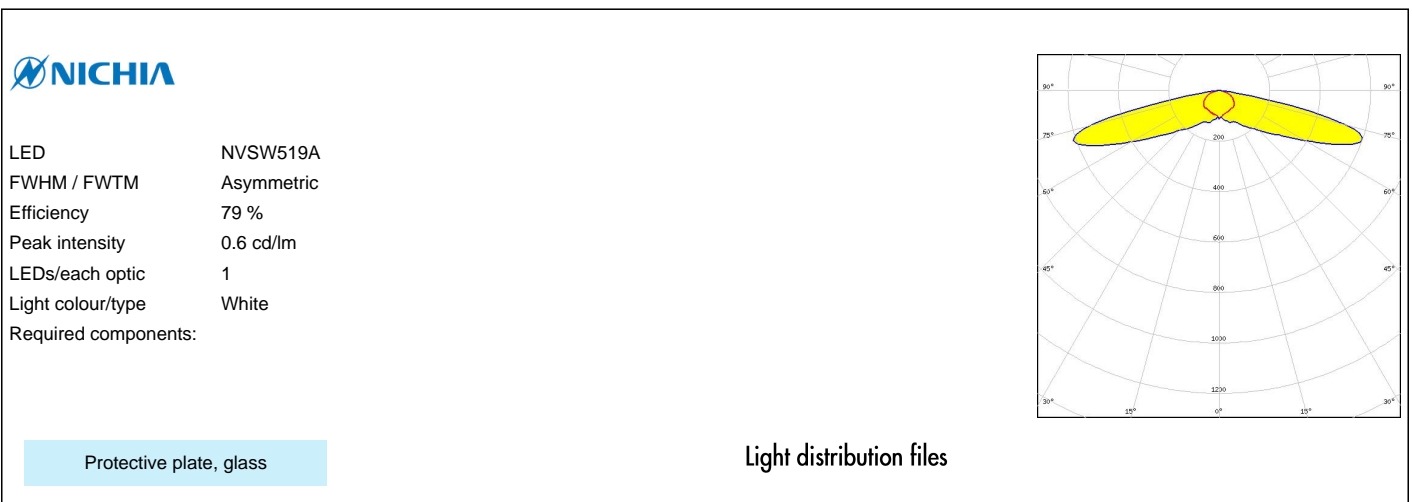
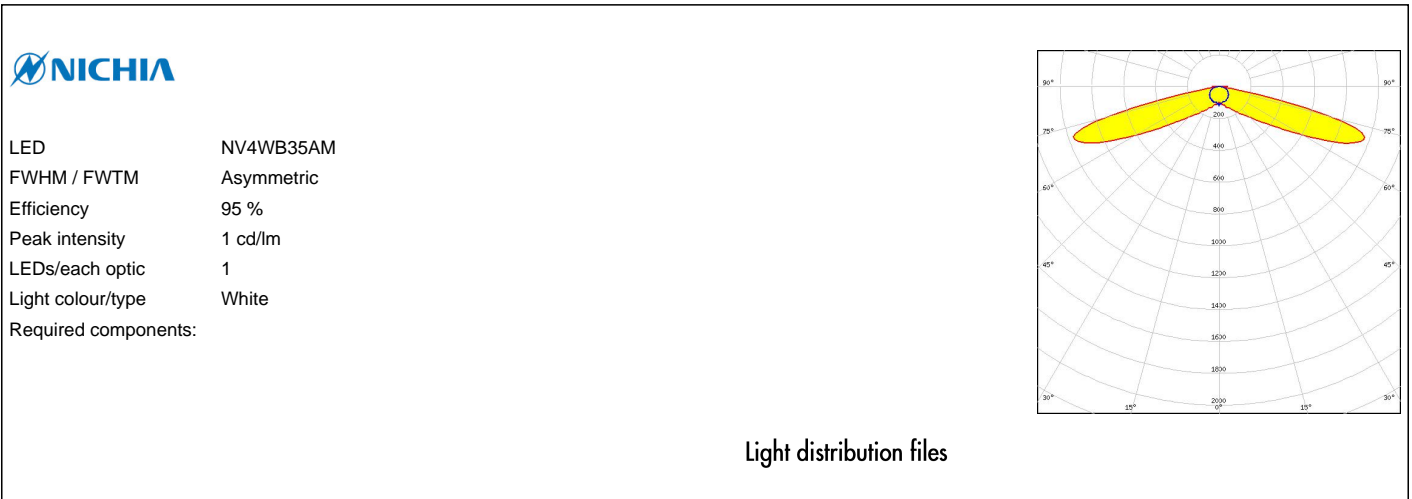
LED NF3W585AR  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files





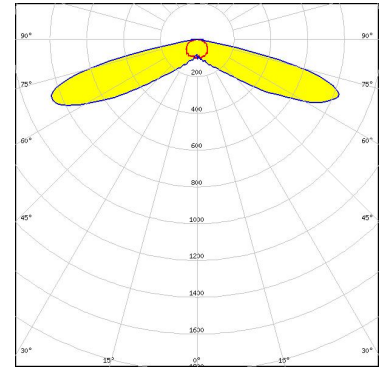
#### OPTICAL RESULTS (SIMULATED):



#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

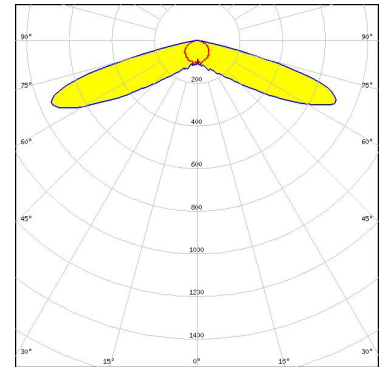
LED Duris S8  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED Duris S8  
 FWHM / FWTM Asymmetric  
 Efficiency 80 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

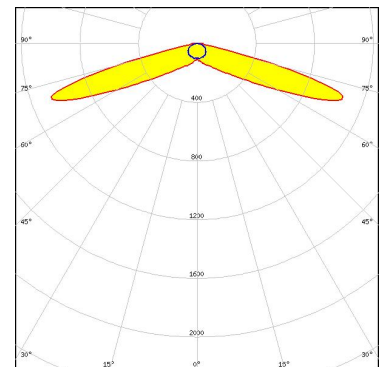


Protective plate, glass

Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

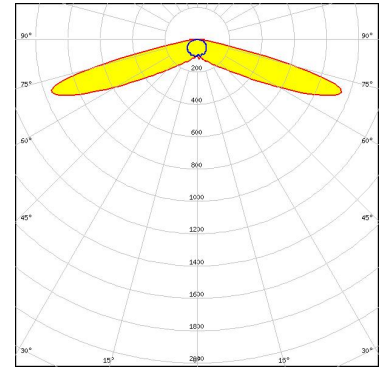


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

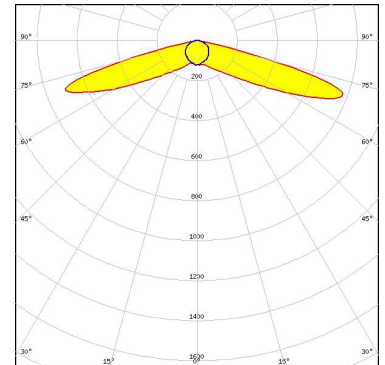
LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

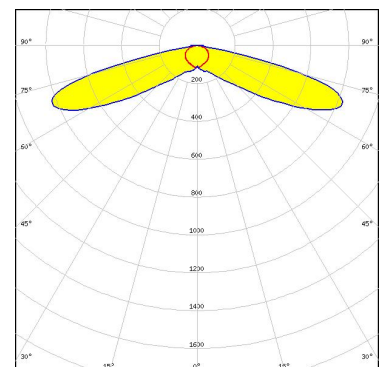


Protective plate, glass

Light distribution files

**PHILIPS**

LED Fortimo FastFlex LED 2x8 DA HE  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

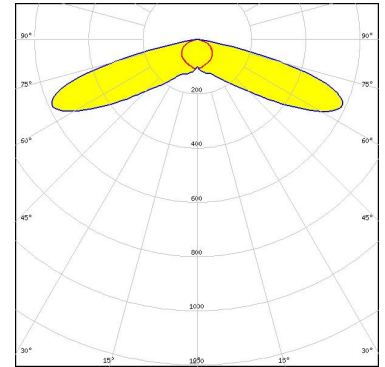
#### OPTICAL RESULTS (SIMULATED):

### PHILIPS

LED	Fortimo FastFlex LED 2x8 DA HE
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

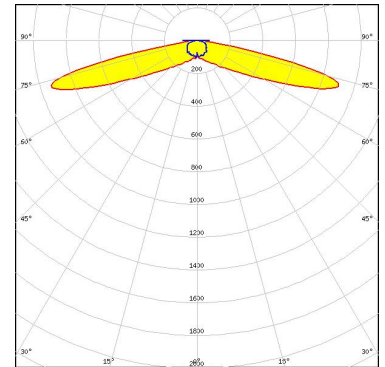
Light distribution files



### PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

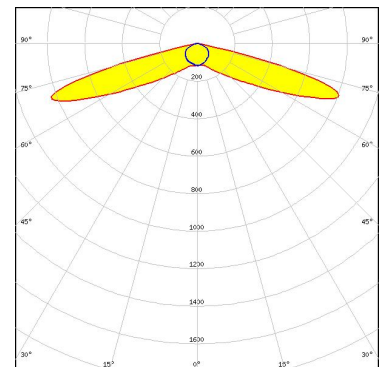


### SAMSUNG

LED	HiLOM RH12 Z (LH351C)
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files



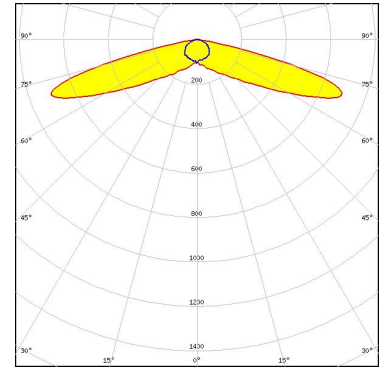
#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LH351B  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

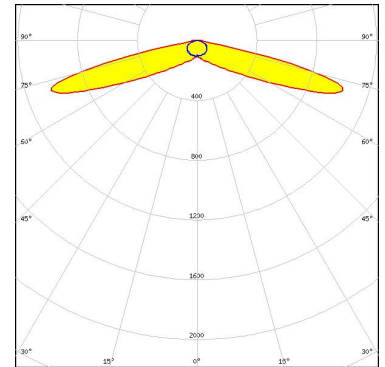
Light distribution files



### SAMSUNG

LED LH351C  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

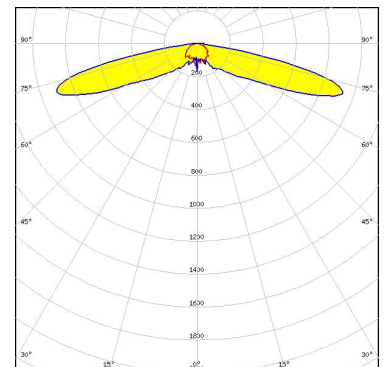
Light distribution files



### SAMSUNG

LED LH351D  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



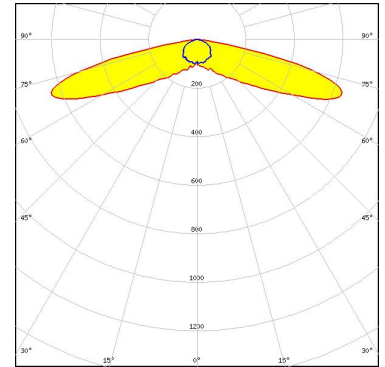
### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED LH351D  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

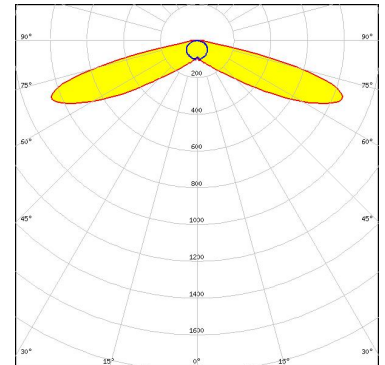
Protective plate, glass

Light distribution files



#### SAMSUNG

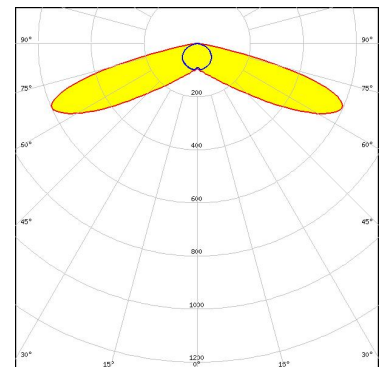
LED LH502D  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



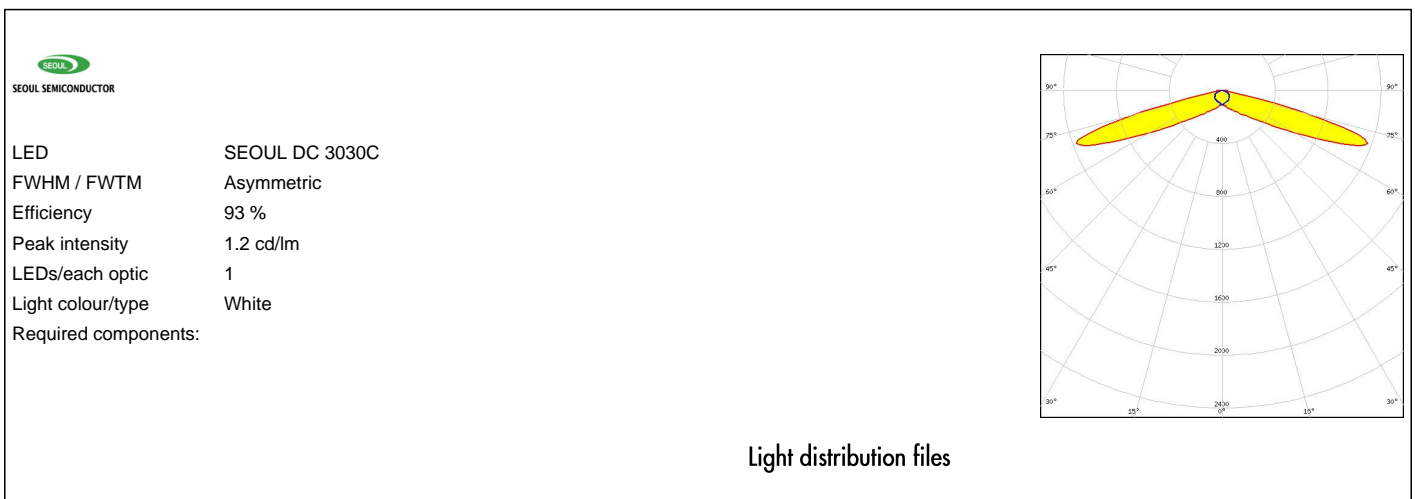
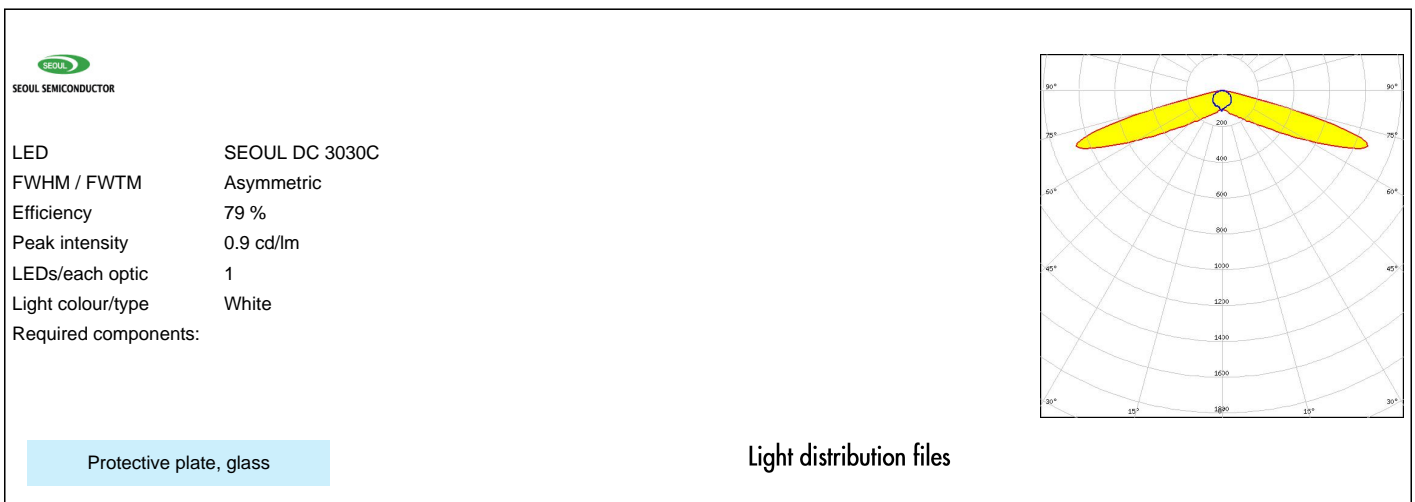
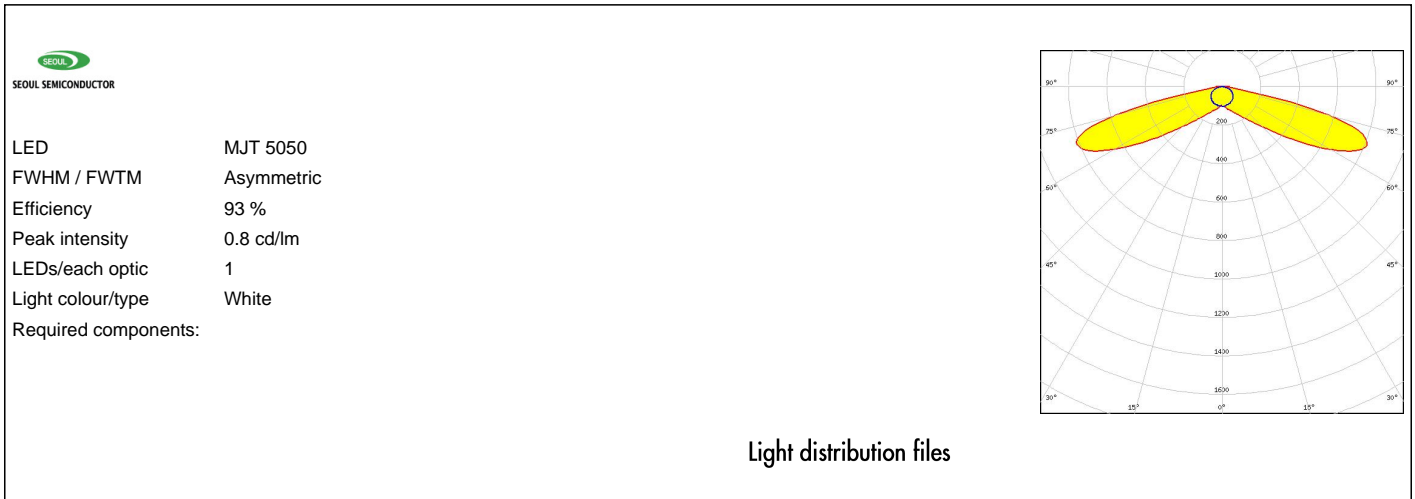
#### SAMSUNG

LED LH502D  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass





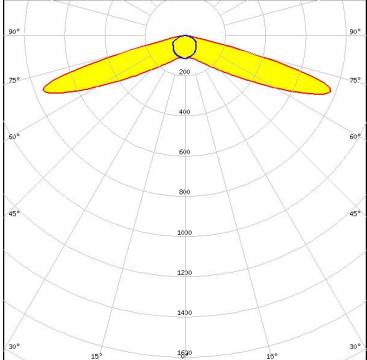
#### OPTICAL RESULTS (SIMULATED):


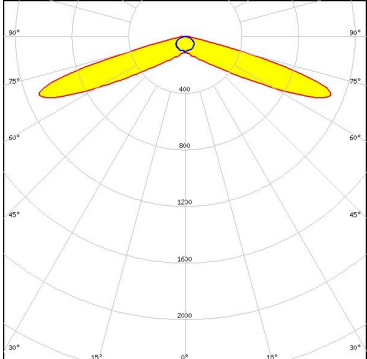




#### OPTICAL RESULTS (SIMULATED):

 <small>SEOUL SEMICONDUCTOR</small>	
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5M3	
FWHM / FWTM	Asymmetric	
Efficiency	77 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		<p>Light distribution files</p>
<div style="background-color: #ADD8E6; padding: 5px; display: inline-block;">Protective plate, glass</div>		

 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5M4	
FWHM / FWTM	Asymmetric	
Efficiency	96 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		<p>Light distribution files</p>

### 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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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

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
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