

## SITARA-2X2-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads.

### SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	9.3 mm
Fastening	pin, screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

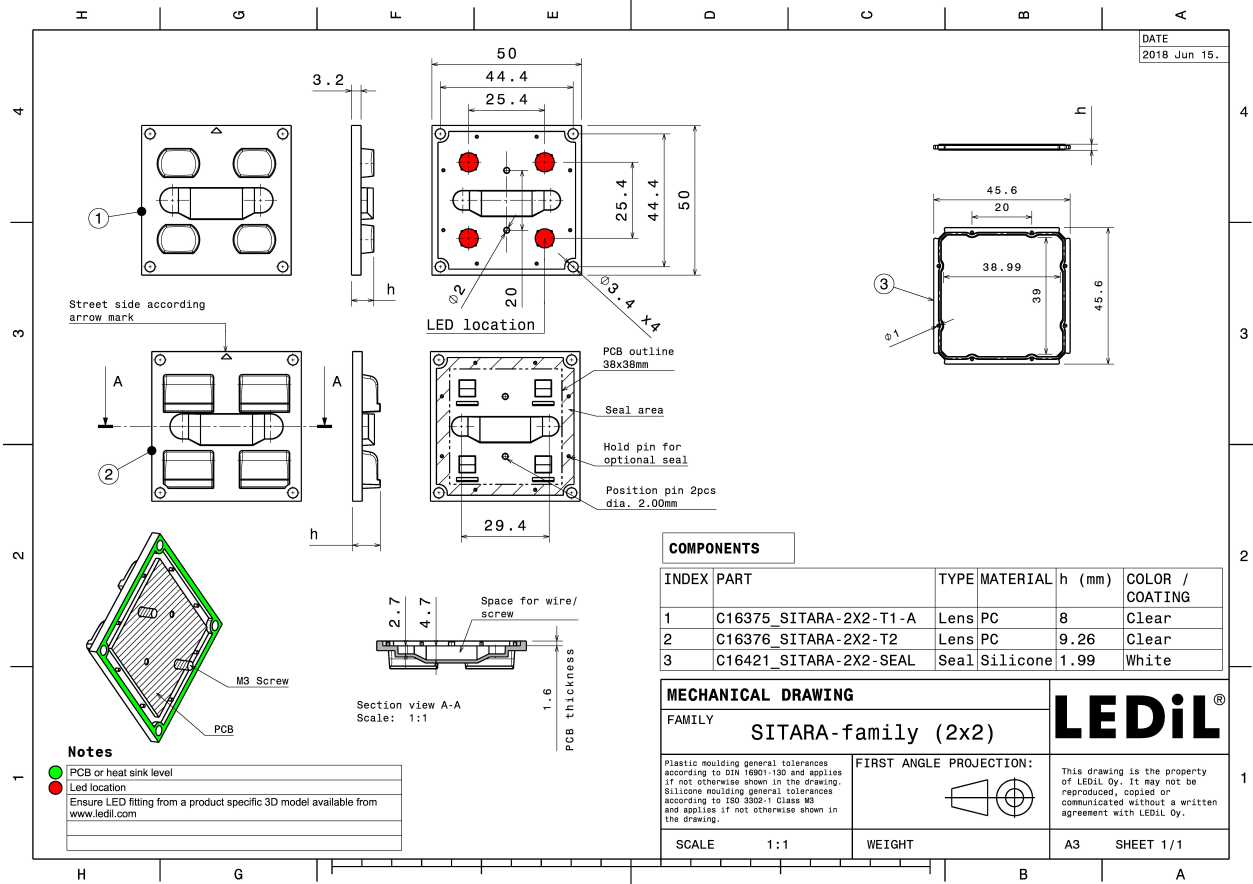


### MATERIALS:

Component	Type	Material	Colour	Finish
SITARA-2X2-T2	Multi-lens	PC	clear	
SITARA-2X2-SEAL	Seal	Silicone	milky	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16515_SITARA-2X2-T2	Multi-lens	770	154	154	7.9
» Box size: 480 x 280 x 300 mm					


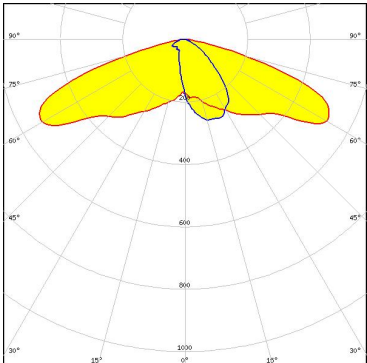

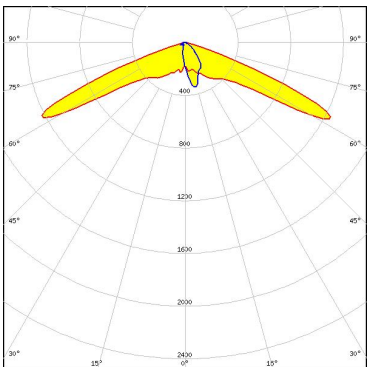

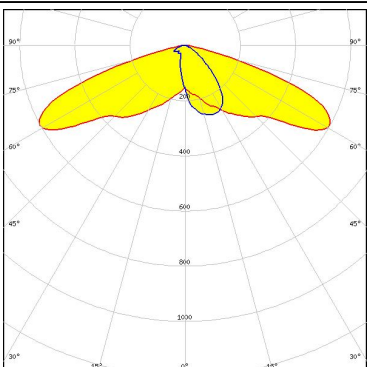

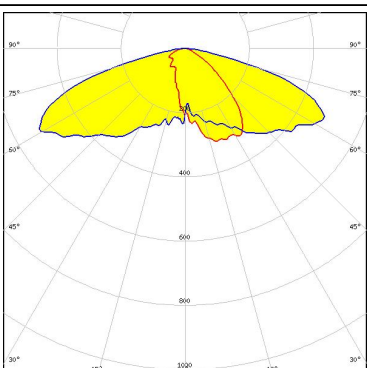


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

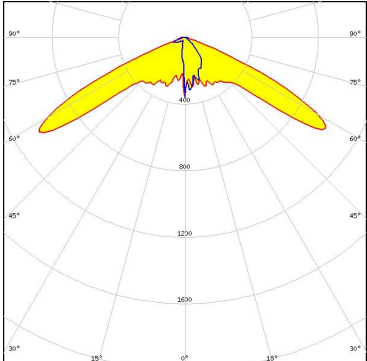
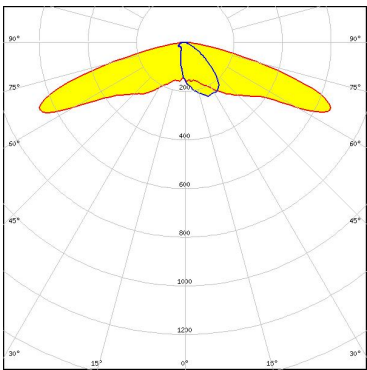
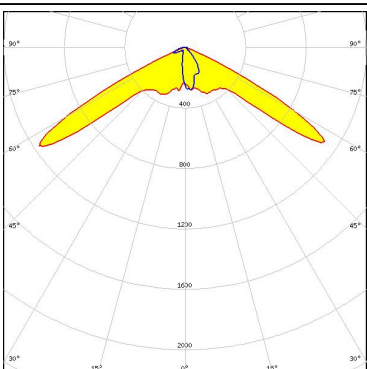
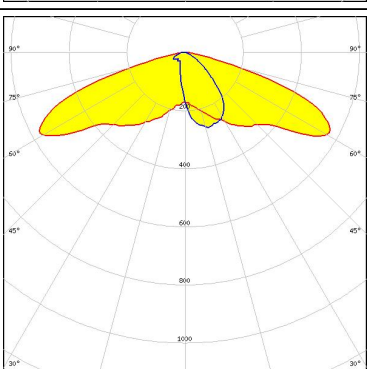
#### OPTICAL RESULTS (MEASURED):

		
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	
Efficiency	86 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	Duris S8	
FWHM / FWTM	Asymmetric	
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED: Bridgelux SMD 5050            FWHM / FWTM: Asymmetric            Efficiency: 84 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p></p> <p>LED: CSP 2323 (BXCP)            FWHM / FWTM: Asymmetric            Efficiency: 86 %            Peak intensity: 1.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p></p> <p>LED: J Series 5050 Round LES            FWHM / FWTM: Asymmetric            Efficiency: 85 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p></p> <p>LED: MHB-A/B            FWHM / FWTM: Asymmetric            Efficiency: 74 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE LED</b></p> <p>LED: XP-G3            FWHM / FWTM: Asymmetric            Efficiency: 79 %            Peak intensity: 1.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE LED</b></p> <p>LED: XP-L2            FWHM / FWTM: Asymmetric            Efficiency: 83 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE LED</b></p> <p>LED: XT-E            FWHM / FWTM: Asymmetric            Efficiency: 76 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Square LES            FWHM / FWTM: Asymmetric            Efficiency: 85 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

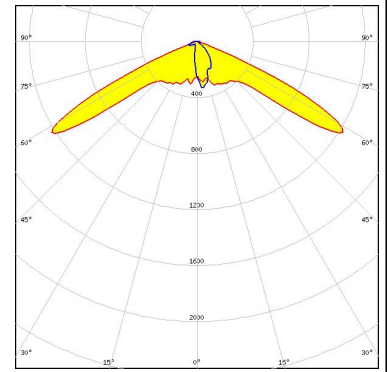
<p><b>LUMILEDS</b></p> <p>LED LUXEON HL2X            FWHM / FWTM Asymmetric            Efficiency 85 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NV4WB35AM            FWHM / FWTM Asymmetric            Efficiency 86 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 (2W version)            FWHM / FWTM Asymmetric            Efficiency 87 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 (3W version)            FWHM / FWTM Asymmetric            Efficiency 85 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

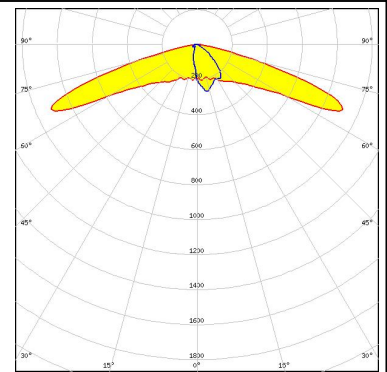
Opto Semiconductors

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



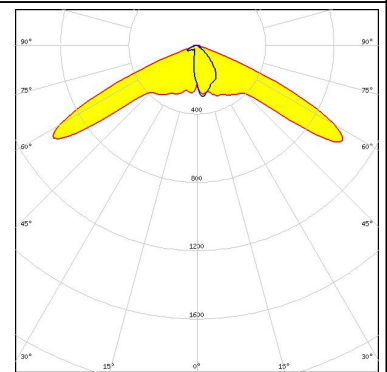
#### SAMSUNG

LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



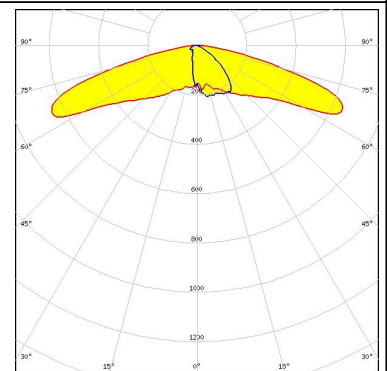
#### SAMSUNG

LED LH351C  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

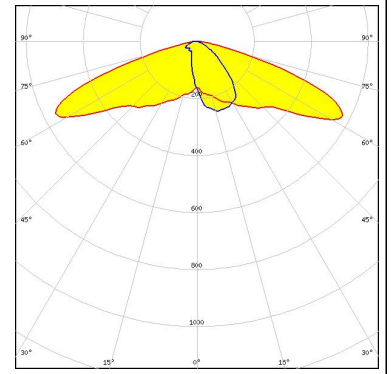
LED LH351D  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED	LH508A Plus
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.6 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.

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

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)