

STRADA-2X2-FR

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	11.8 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

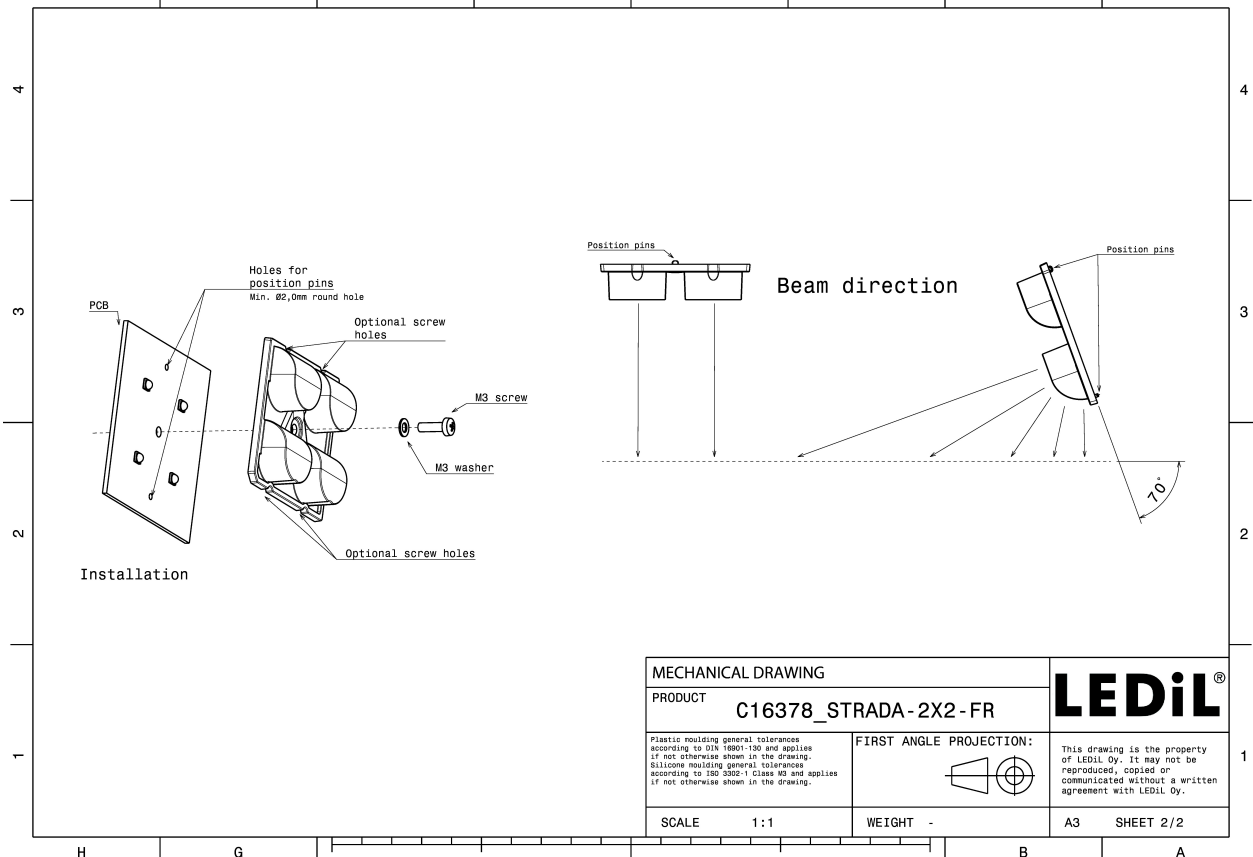
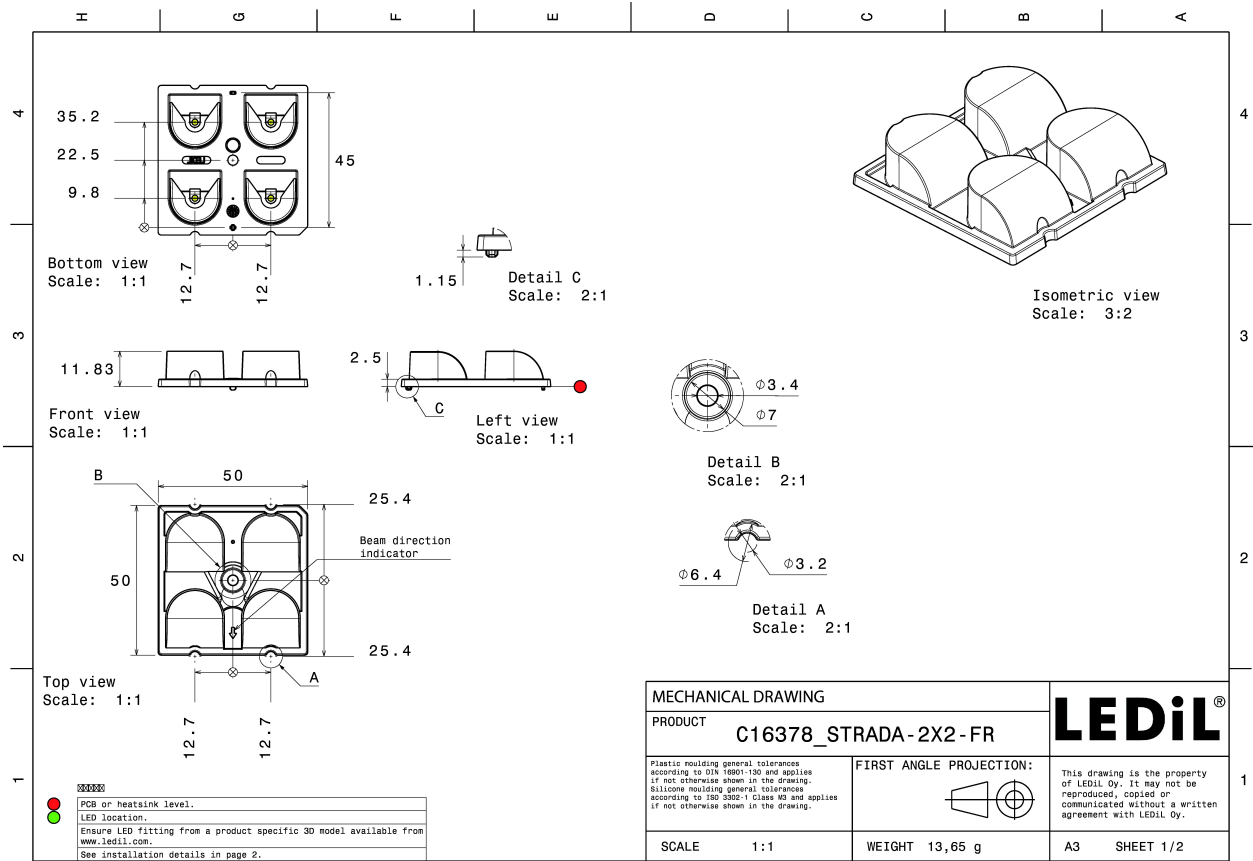


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-FR	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16378_STRADA-2X2-FR » Box size: 476 x 273 x 292 mm	800		160	11.7



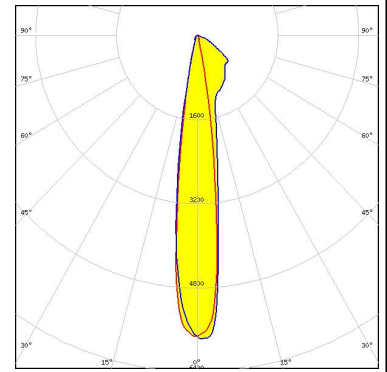
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE

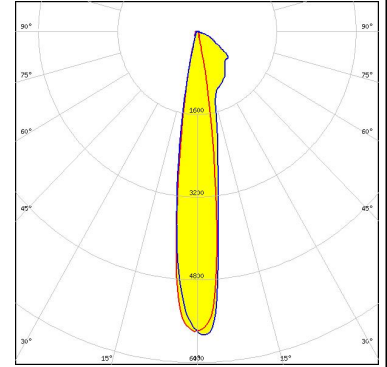
LED XP-G2
 FWHM 15.0 + 16.0°
 Efficiency 90 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Transparent protective cover



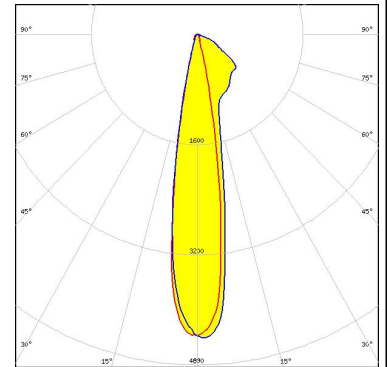
CREE

LED XP-G2
 FWHM 15.0 + 16.0°
 Efficiency 94 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



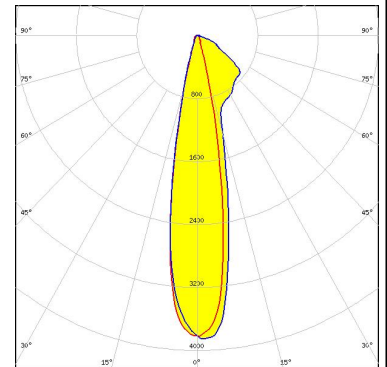
NICHIA

LED NVSW219F
 FWHM 18.0 + 20.0°
 Efficiency 94 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

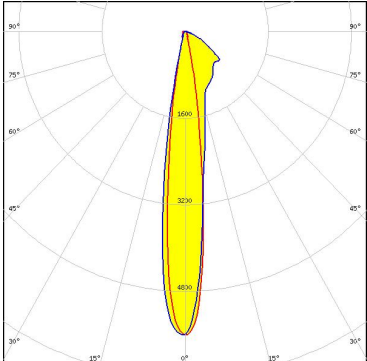
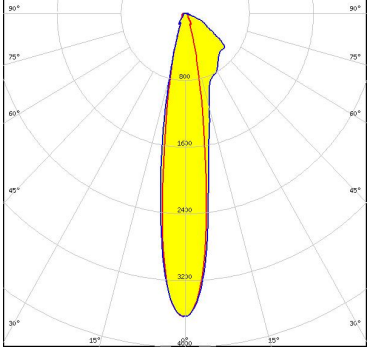


NICHIA

LED NVSW319B
 FWHM 20.0 + 22.0°
 Efficiency 94 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



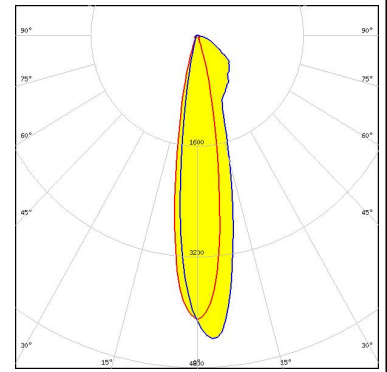
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON Square PC FWHM 14.0 + 15.0° Efficiency 94 % Peak intensity 5.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED Z5M3 FWHM Asymmetric Efficiency 94 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

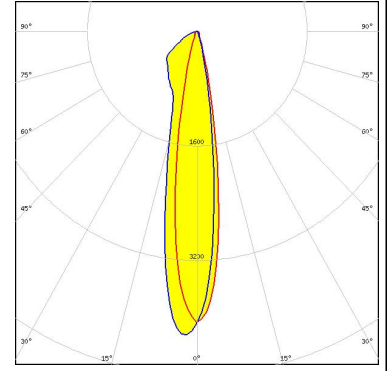
PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
 FWHM 18.0 + 21.0°
 Efficiency 92 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



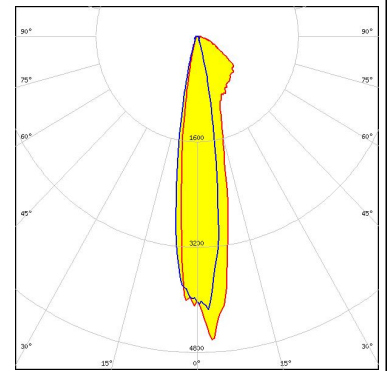
LED XP-G3
 FWHM Asymmetric
 Efficiency 85 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



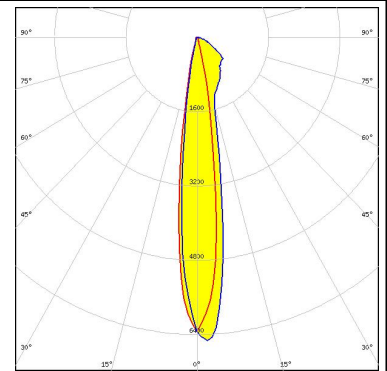
Transparent protective cover



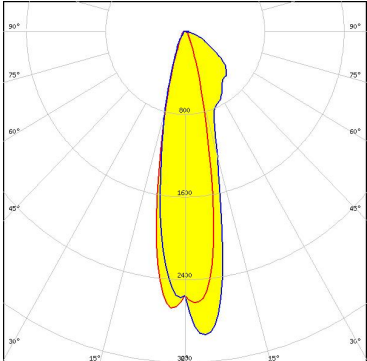
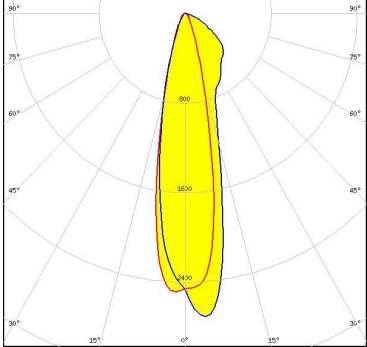
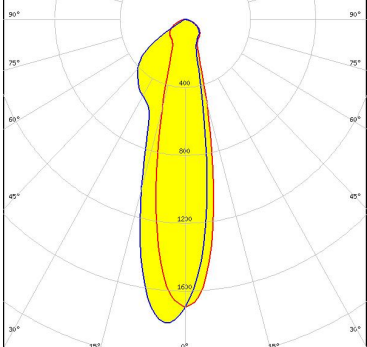
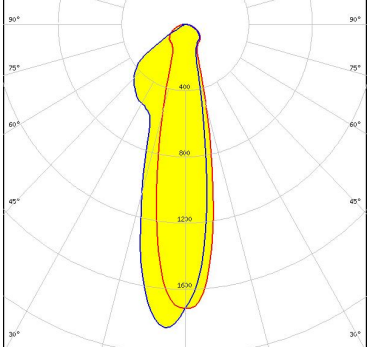
LED XP-G3
 FWHM 17.0 + 18.0°
 Efficiency 92 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON TX
 FWHM 15.0 + 16.0°
 Efficiency 93 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM: 22.0 + 24.0° Efficiency: 94 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM: Asymmetric Efficiency: 88 % Peak intensity: 2.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Transparent protective cover</p>	
<p>NICHIA</p> <p>LED: NVSW519A FWHM: 23.0 + 25.0° Efficiency: 88 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Transparent protective cover</p>	
<p>NICHIA</p> <p>LED: NVSW519A FWHM: 23.0 + 24.0° Efficiency: 93 % Peak intensity: 1.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxE21A FWHM: 12.0 + 13.0° Efficiency: 93 % Peak intensity: 7.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NWSx229A FWHM: 24.0 + 25.0° Efficiency: 93 % Peak intensity: 2.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (2W version) FWHM: 14.0° Efficiency: 93 % Peak intensity: 6.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version) FWHM: 20.0 + 22.0° Efficiency: 94 % Peak intensity: 3.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

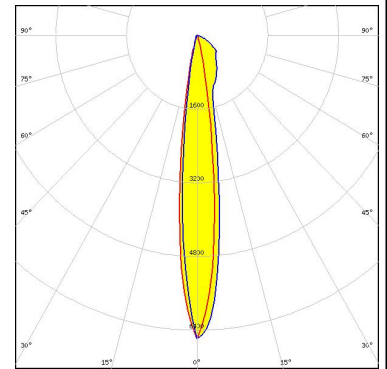
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLO Square CSSRM2/CSSRM3
 FWHM 13.0 + 14.0°
 Efficiency 86 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

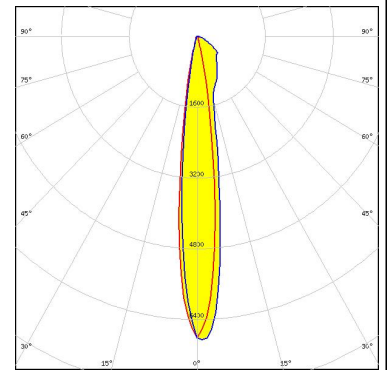
Transparent protective cover



OSRAM

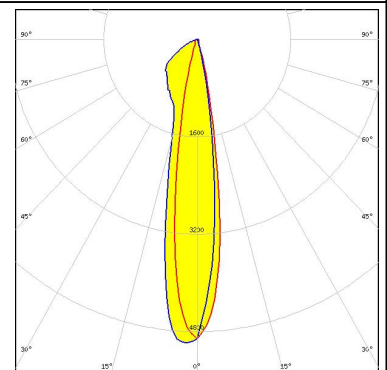
Opto Semiconductors

LED OSLO Square CSSRM2/CSSRM3
 FWHM 13.0 + 14.0°
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



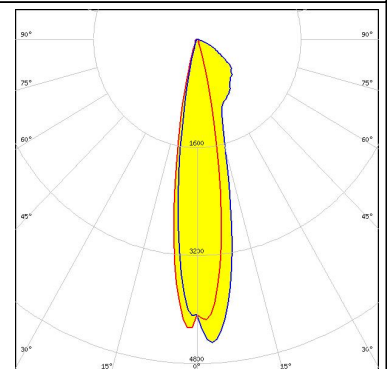
SAMSUNG

LED LH351B
 FWHM 18.0 + 19.0°
 Efficiency 94 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

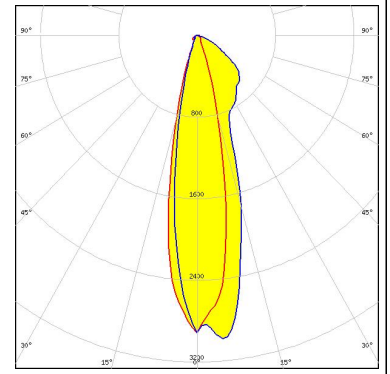
LED LH351C
 FWHM 18.0 + 20.0°
 Efficiency 94 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351D
FWHM	22.0 + 26.0°
Efficiency	94 %
Peak intensity	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:

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