SPECTRE-Y-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
Height	7.7 mm
Fastening	glue, pin, screw
ROHS compliant	yes

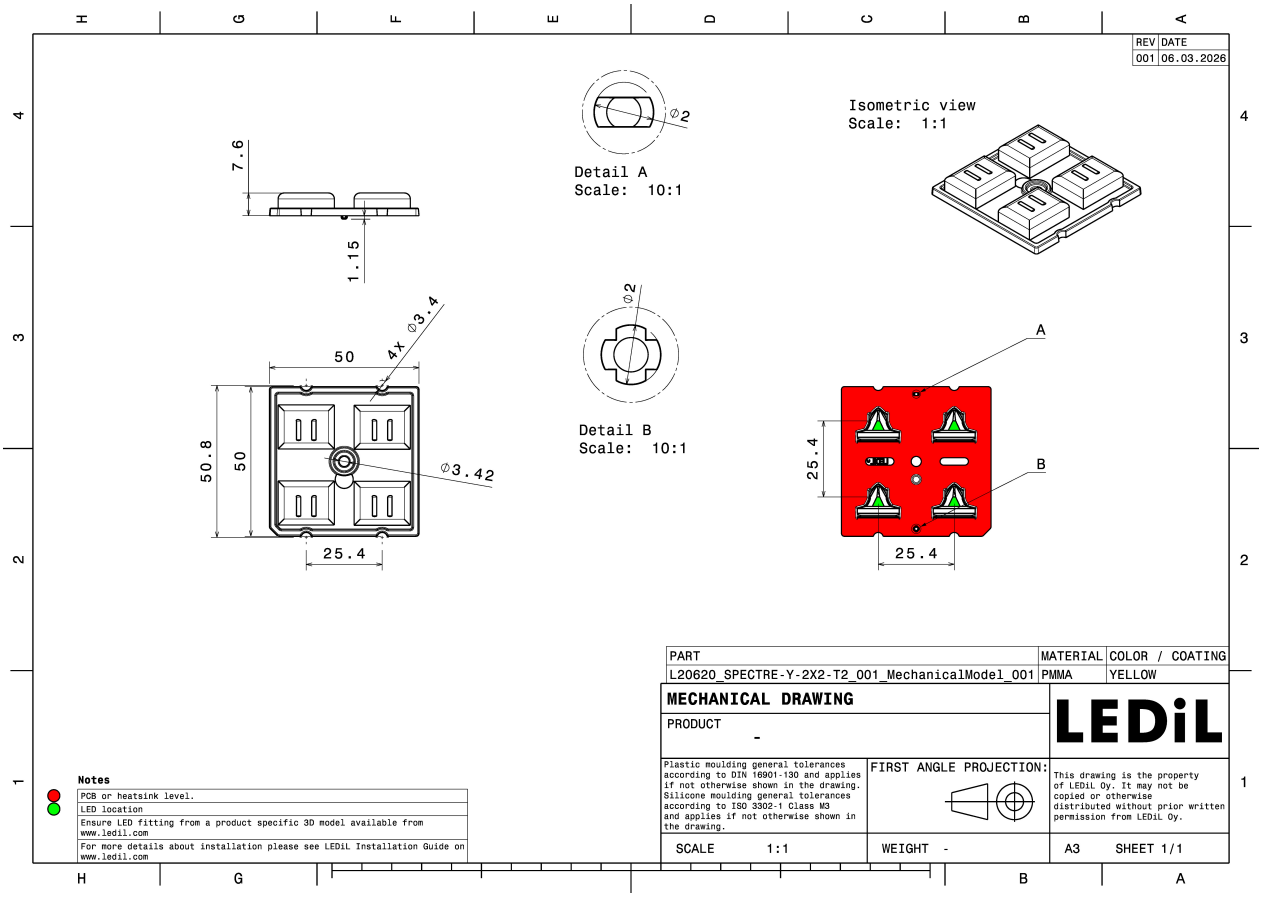
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
SPECTRE-Y-2X2-T2	Multi-lens	PMMA	SpectreYellow		
» Box size: 480 x 280 x 300 mm					

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
L20620_SPECTRE-Y-2X2-T2	Multi-lens	800	160	160	8.3

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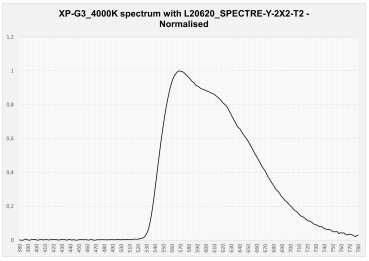
See also our general installation guide: www.ledil.com/installation_guide

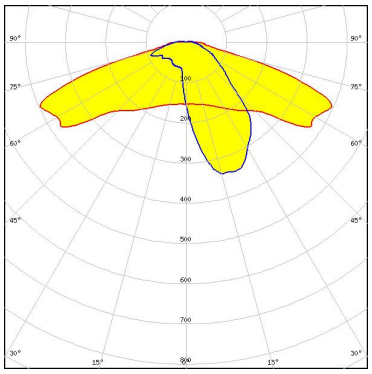
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-G3	
FWHM / FWTM	Asymmetric	
Efficiency	99 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.2 %
CCT (LED/with lens)*		3893K/2235K
Required components:		

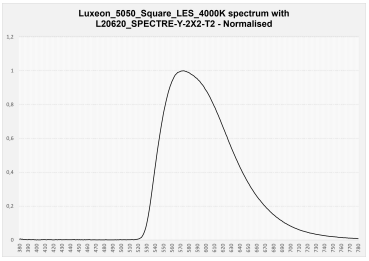


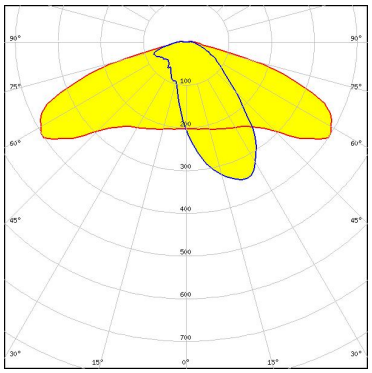


*the measured CCT with lens doesn't follow the Black Body Locus line

LUMILEDS

LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	
Efficiency	96 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.2 %
CCT (LED/with lens)*		4018K/2492K
Required components:		





Light distribution files

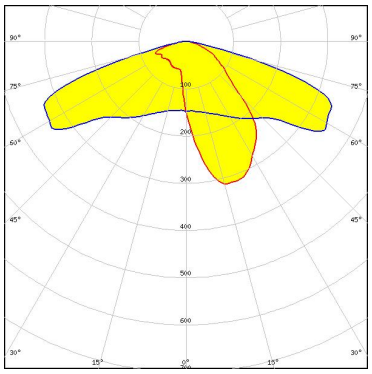
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OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass



Light distribution files

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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
Joensuunkatu 7
FI-24100 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

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
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