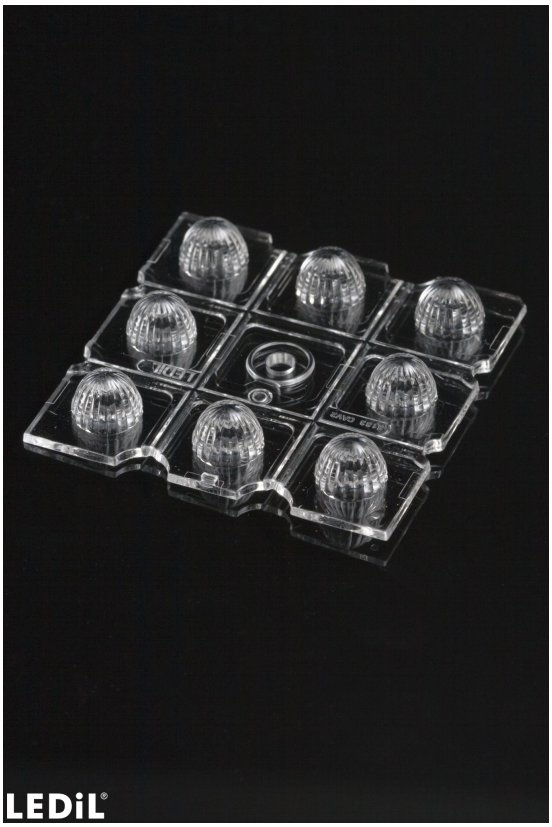
STRADELLA-8-HB-S-PC

~25° spot beam for industrial applications. Variant made from PC.



SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	7.5 mm
Fastening	screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADELLA-8-HB-S-PC	Multi-lens	PC	clear		49.5

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16040_STRADELLA-8-HB-S-PC » Box size: 476 x 273 x 292 mm	800	160	160	5.0

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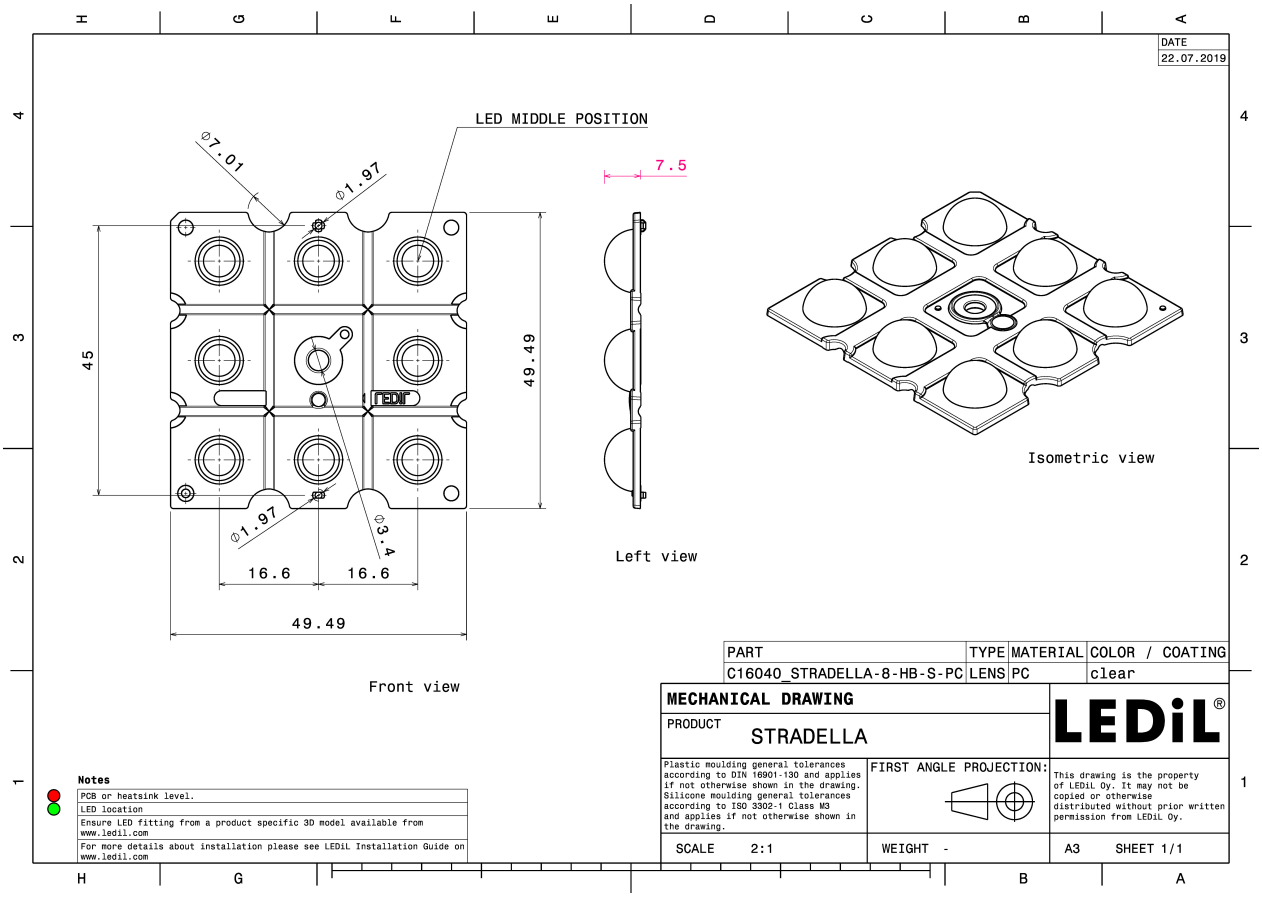

See also our general installation guide: www.ledil.com/installation_guide

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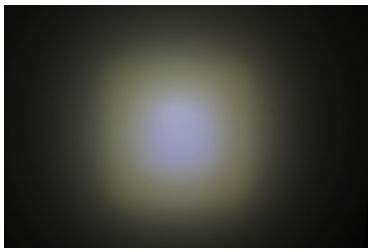
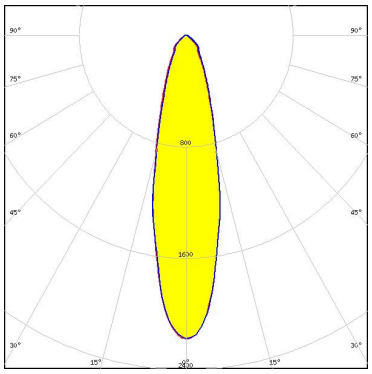
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	J Series 3030
FWHM / FWTM	26.0° / 64.0°
Efficiency	92 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



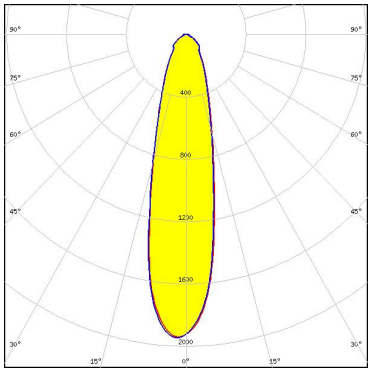


Light distribution files

CREE LEDs

LED	XT-E
FWHM / FWTM	25.0° / 68.0°
Efficiency	92 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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OPTICAL RESULTS (SIMULATED):

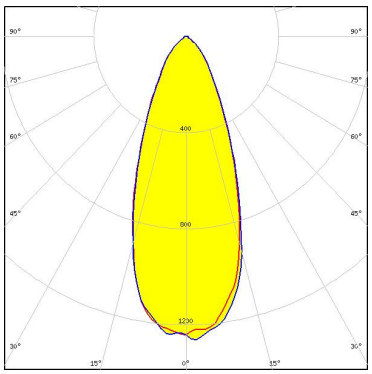
CREE LEDs

LED	J Series 5050C 6V E Class
FWHM / FWTM	40.0° / 88.0°
Efficiency	82 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

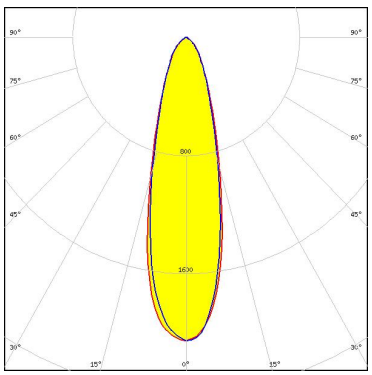
LED	NVSW519A
FWHM / FWTM	40.0° / 84.0°
Efficiency	84 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	28.0° / 66.0°
Efficiency	88 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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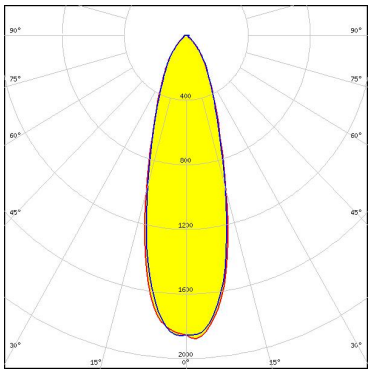
OPTICAL RESULTS (SIMULATED):

SAMSUNG

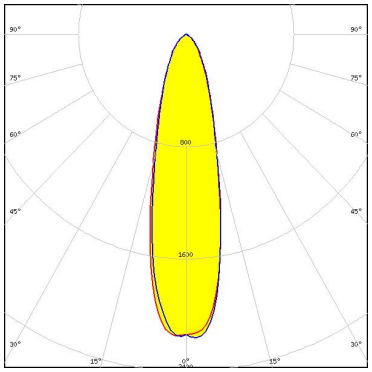
LED	LH351B
FWHM / FWTM	31.0° / 73.0°
Efficiency	91 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	28.0° / 67.0°
Efficiency	92 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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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