

AMBER-2X2-5050-S

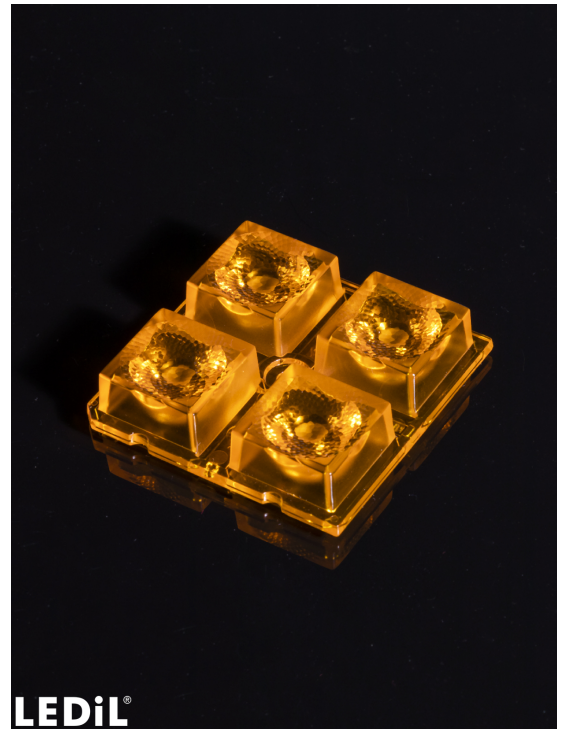
~25° spot beam for industrial applications

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	10.4 mm
Fastening	screw
ROHS compliant	yes ⓘ

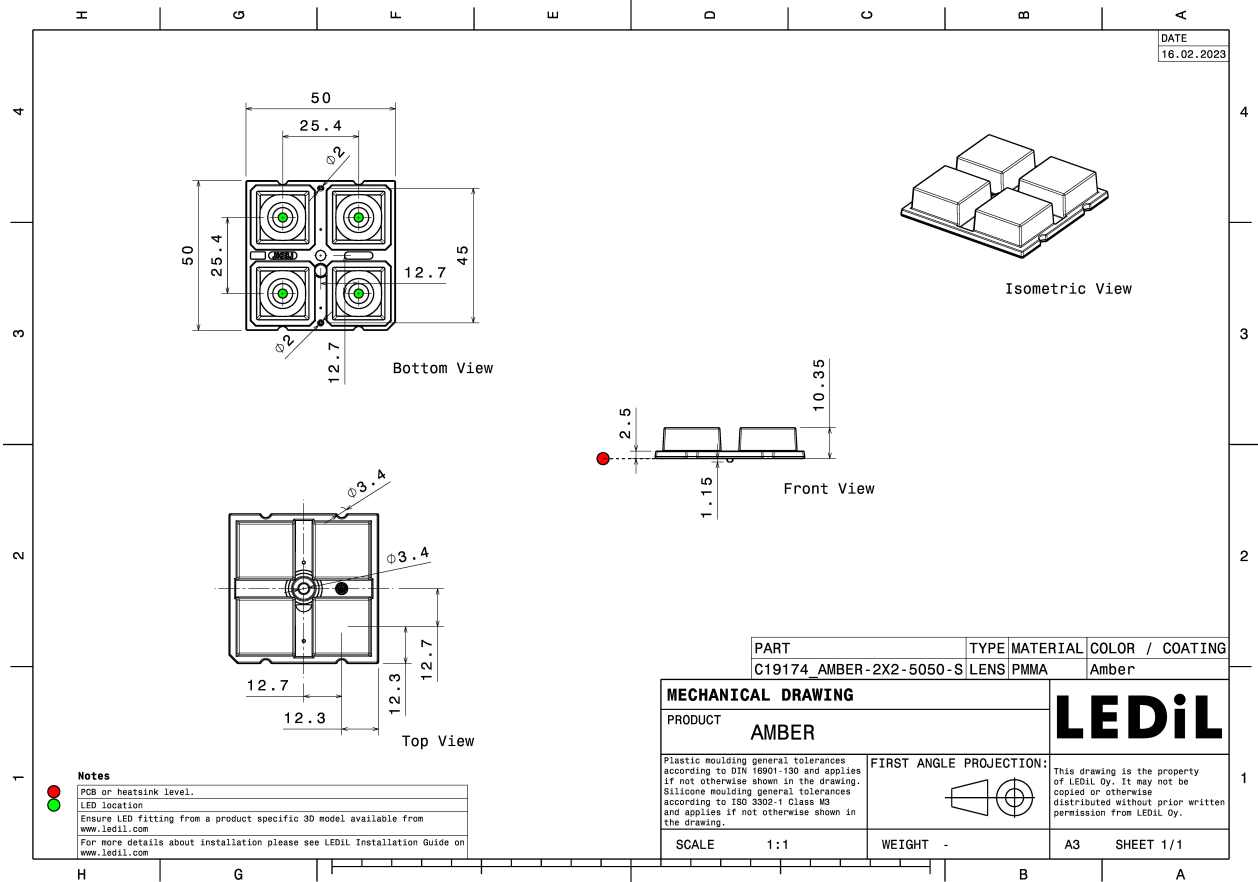
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMBER-2X2-5050-S	Multi-lens	PMMA	amber		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19174_AMBER-2X2-5050-S » Box size: 480 x 280 x 300 mm	800	160	160	9.9

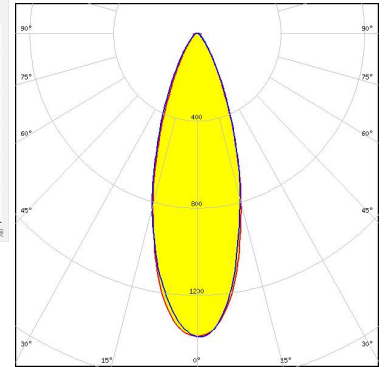
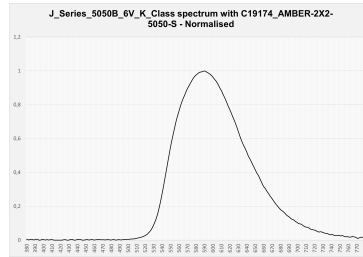


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



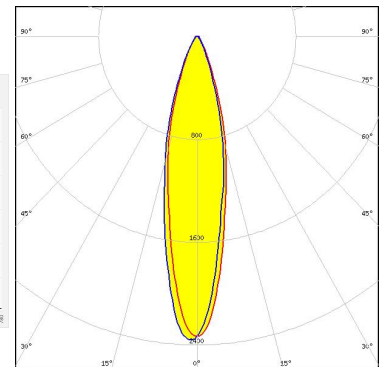
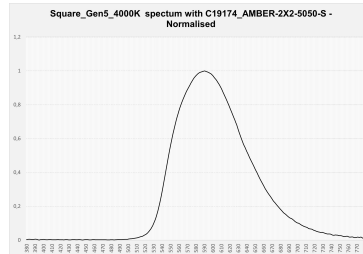
LED J Series 5050B 6V K Class
FWHM / FWTM 35.0° / 67.0°
Efficiency 73 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.2 %
CCT (LED/with lens)* 3763K/2181K
Required components:



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



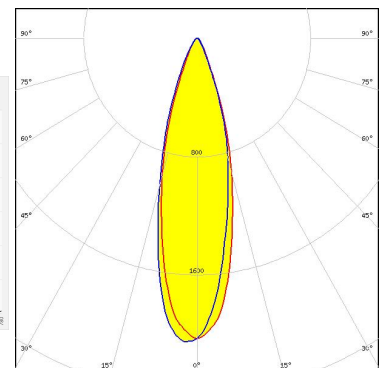
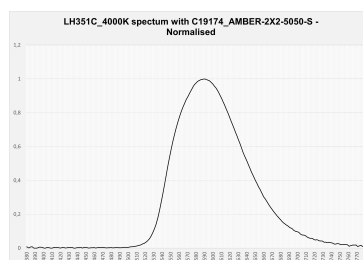
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 23.0° / 52.0°
Efficiency 74 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3875K/2188K
Required components:



Light distribution files



LED LH351C
FWHM / FWTM 28.0° / 53.0°
Efficiency 74 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3773K/2209K
Required components:

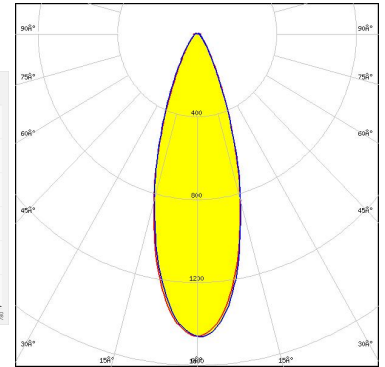
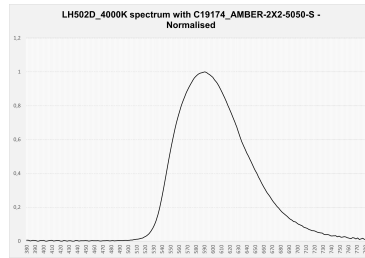


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

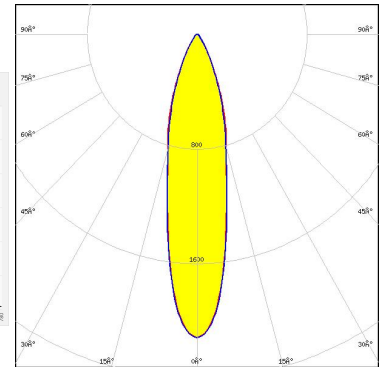
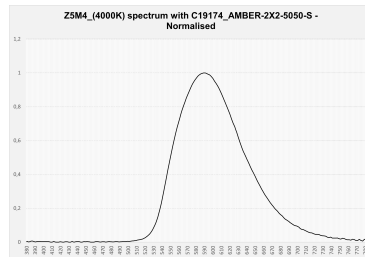
LED LH502D
FWHM / FWTM 34.0° / 64.0°
Efficiency 73 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3785K/2164K
Required components:



Light distribution files



LED Z5M4
FWHM / FWTM 24.0° / 57.0°
Efficiency 76 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3561K/2148K
Required components:



Light distribution files

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.

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