

AMBER-2X2-W

~50° wide beam

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	8.5 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

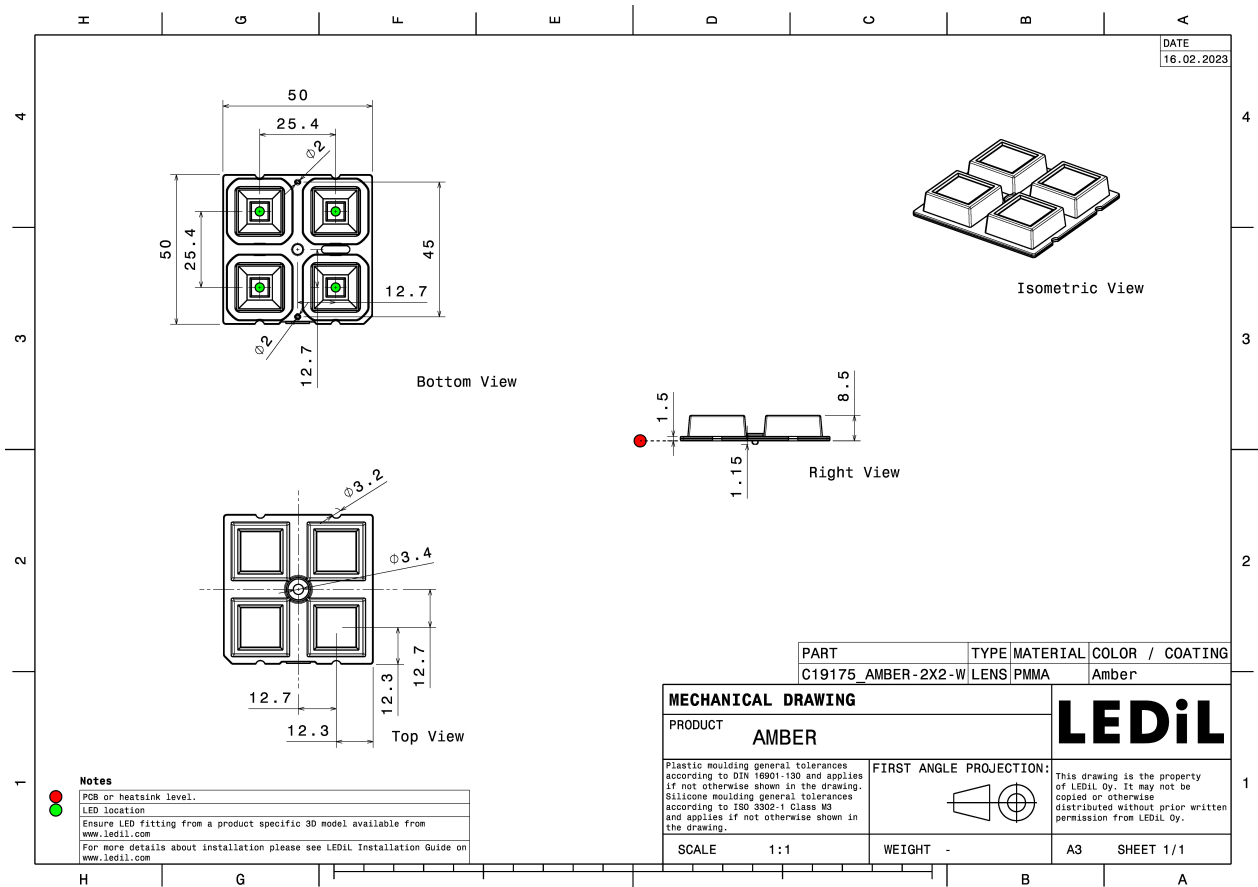
MATERIALS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19175_AMBER-2X2-W » Box size: 480 x 280 x 300 mm	800	160	160	0.0

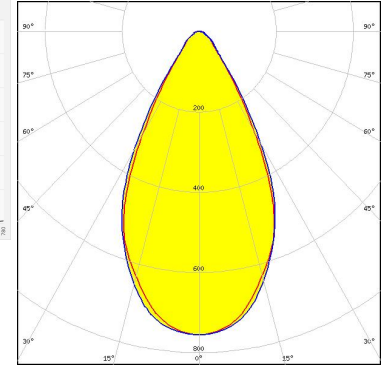
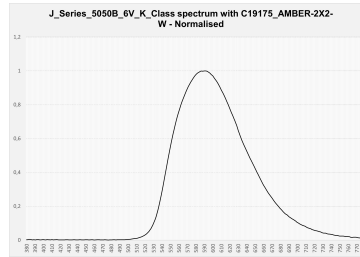


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



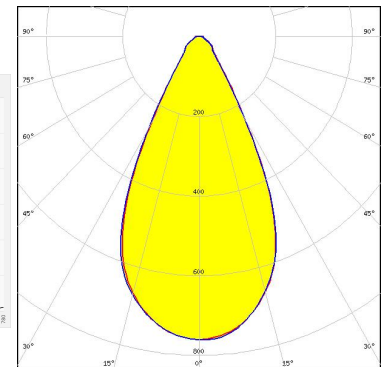
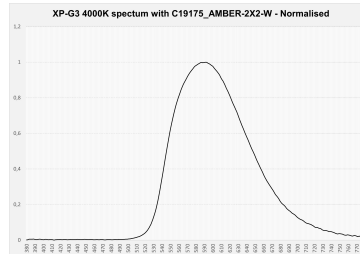
LED J Series 5050B 6V K Class
 FWHM / FWTM 55.0° / 85.0°
 Efficiency 72 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.3 %
 CCT (LED/with lens)* 3763K/2194K
 Required components:



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



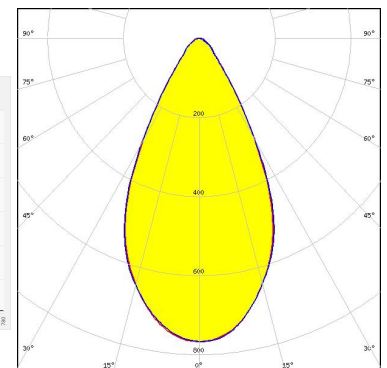
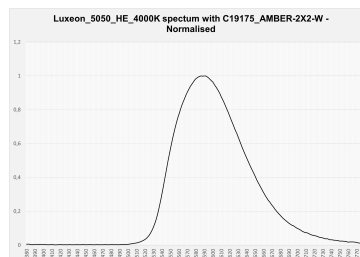
LED XP-G3
 FWHM / FWTM 53.0° / 80.0°
 Efficiency 73 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.4 %
 CCT (LED/with lens)* 3838K/2246K
 Required components:



Light distribution files



LED LUXEON 5050 HE
 FWHM / FWTM 55.0° / 84.0°
 Efficiency 72 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.3 %
 CCT (LED/with lens)* 3854K/2231K
 Required components:

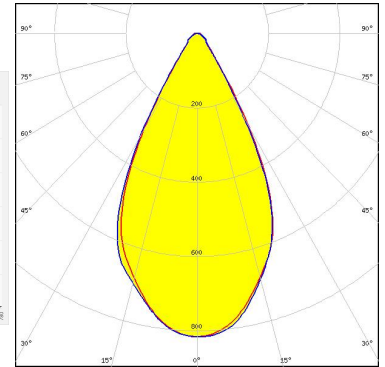
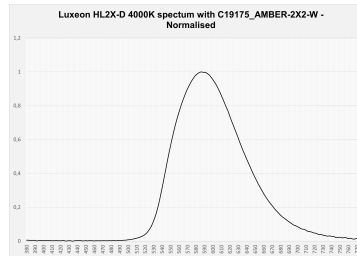


Light distribution files

OPTICAL RESULTS (MEASURED):



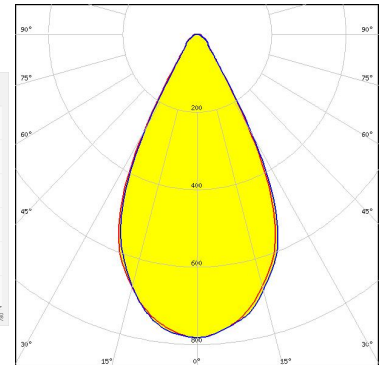
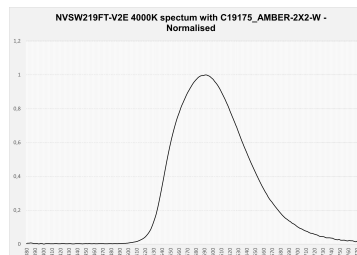
LED LUXEON HL2X-D
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.4 %
 CCT (LED/with lens)* 3902K/2260K
 Required components:



Light distribution files



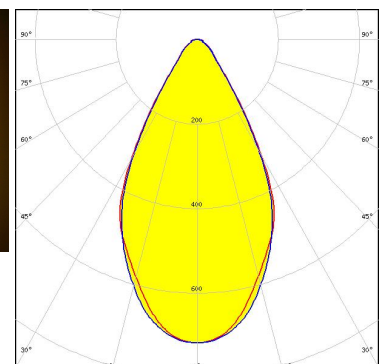
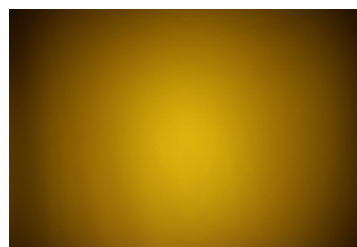
LED NVSW219F
 FWHM / FWTM 55.0° / 77.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.4 %
 CCT (LED/with lens)* 3836K/2241K
 Required components:



Light distribution files



LED Duris S8
 FWHM / FWTM 57.0° / 88.0°
 Efficiency 70 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

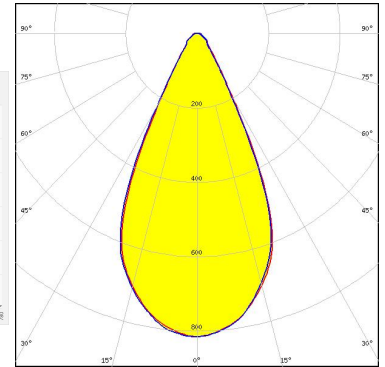
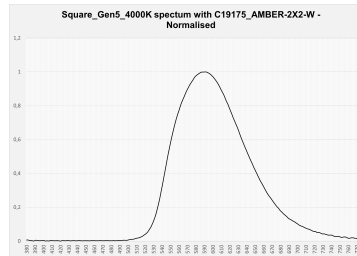


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

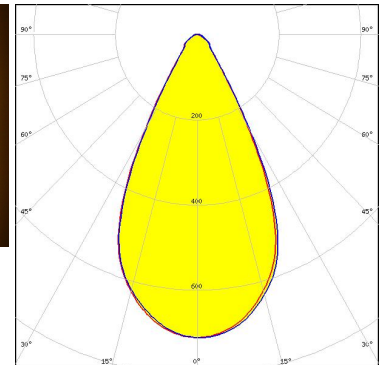
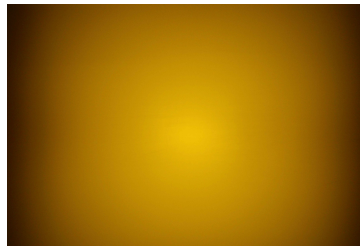
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 52.0° / 74.0°
Efficiency 73 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3898K/2230K
Required components:



Light distribution files

PHILIPS

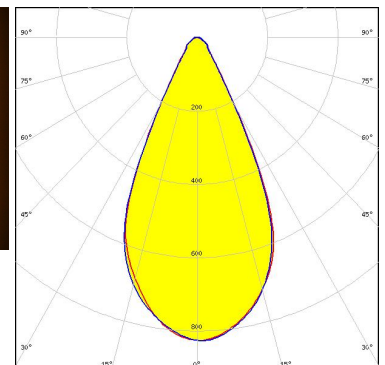
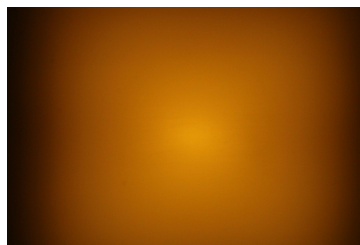
LED Fortimo FastFlex LED 2x8 DA G4+
FWHM / FWTM 54.0° / 80.0°
Efficiency 67 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM 51.0° / 75.0°
Efficiency 73 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

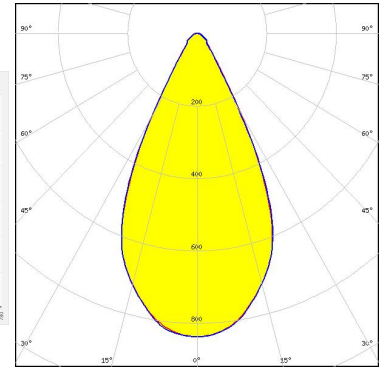
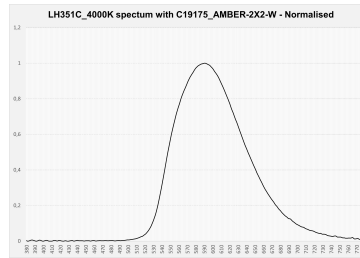


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

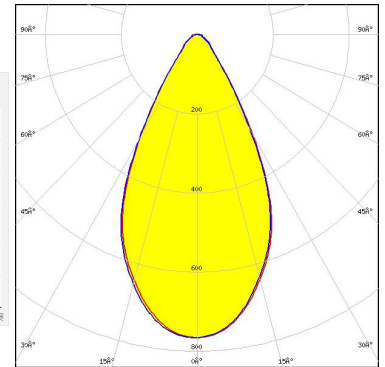
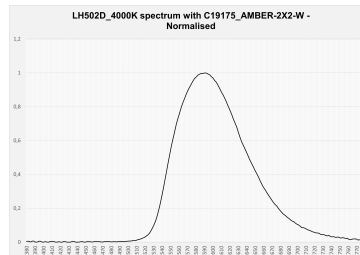
LED LH351C
 FWHM / FWTM 52.0° / 75.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.3 %
 CCT (LED/with lens)* 3773K/2232K
 Required components:



Light distribution files

SAMSUNG

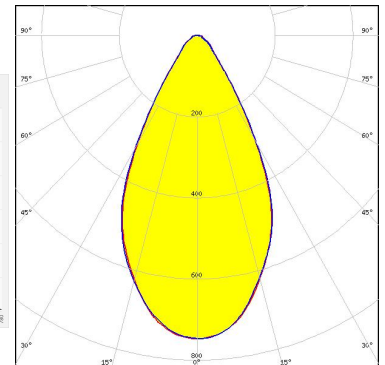
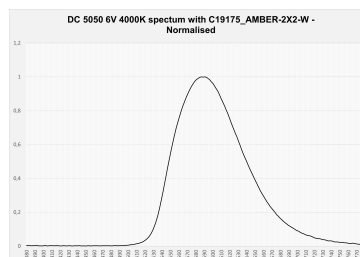
LED LH502D
 FWHM / FWTM 55.0° / 84.0°
 Efficiency 72 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.3 %
 CCT (LED/with lens)* 3785K/2175K
 Required components:



Light distribution files

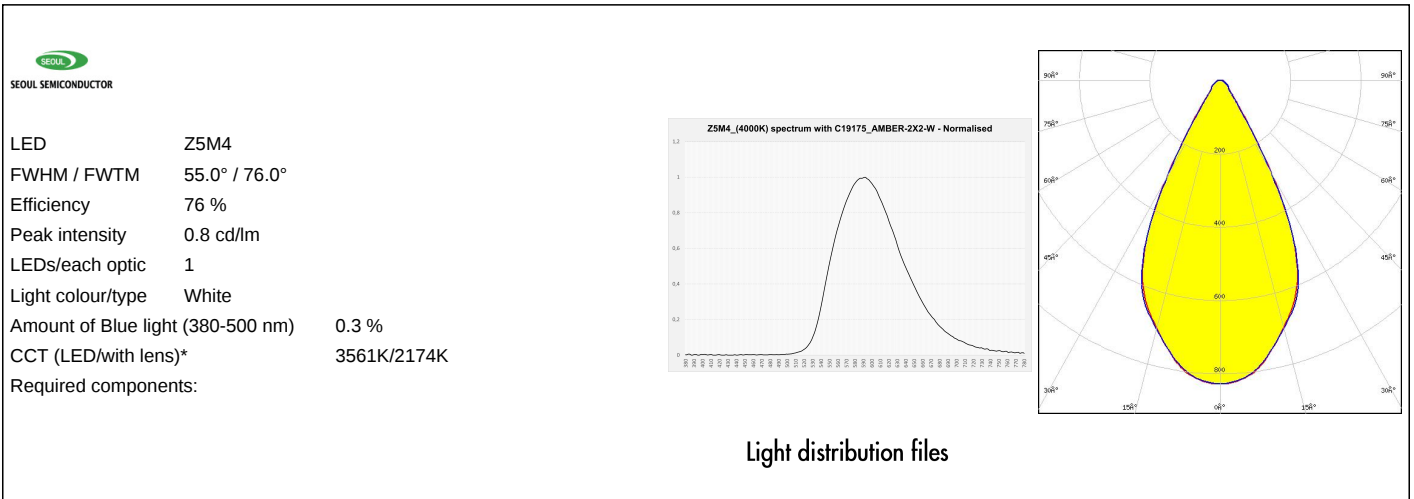


LED SEOUL DC 5050 6V
 FWHM / FWTM 56.0° / 86.0°
 Efficiency 72 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.3 %
 CCT (LED/with lens)* 3995K/2220K
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



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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