

LISA3-W-CLIP16

~35° wide beam with clip installation.

SPECIFICATION:

Dimensions	Ø 9.9
Height	7 mm
Fastening	clips
ROHS compliant	yes ⓘ

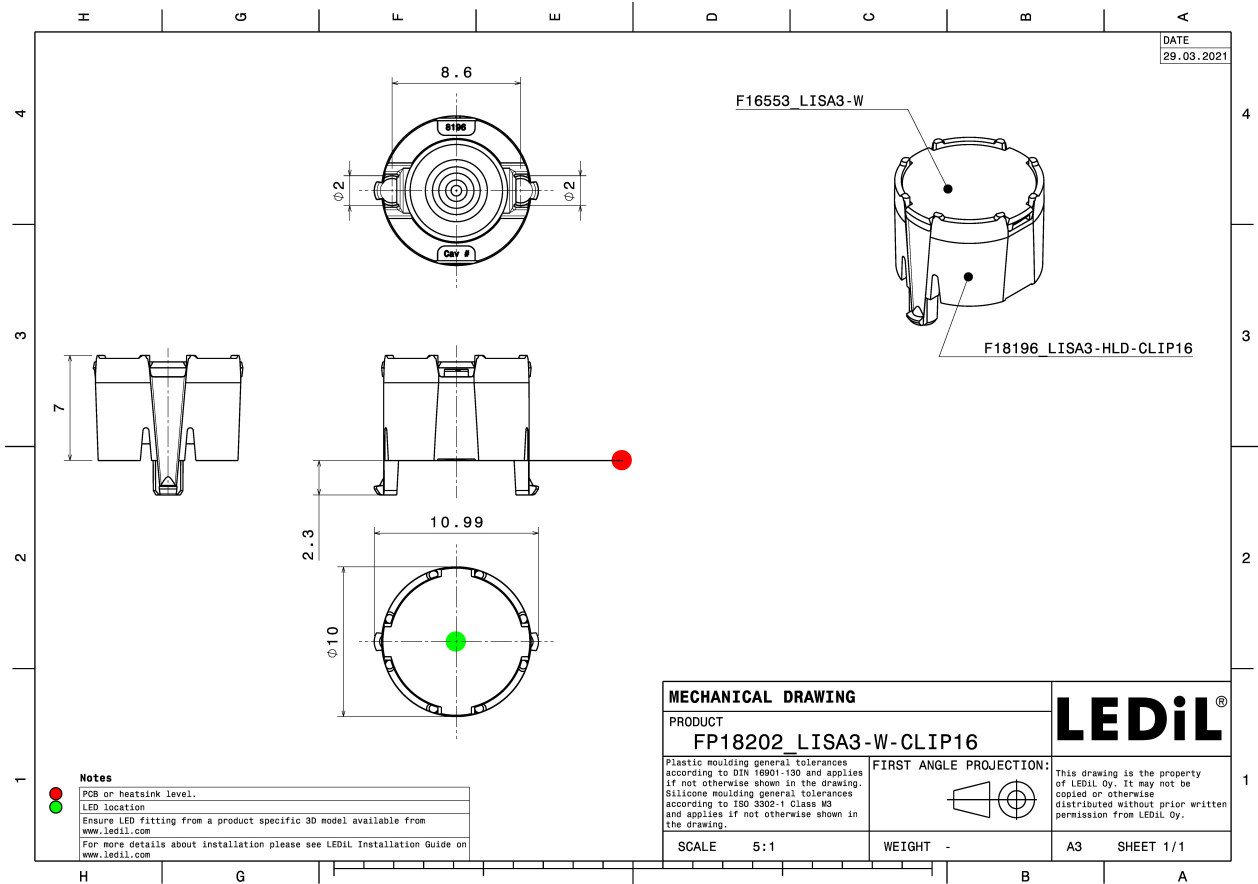
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA3-W	Single lens	PMMA	clear		
LISA3-HLD-CLIP16	Holder	PC	black		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FP18202_LISA3-W-CLIP16	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm				

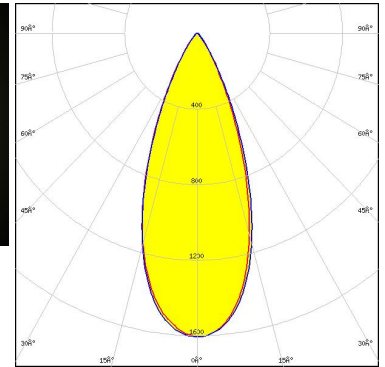
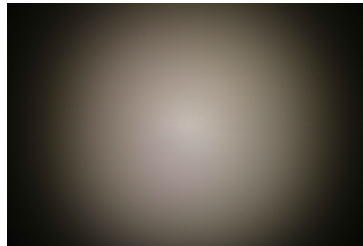


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



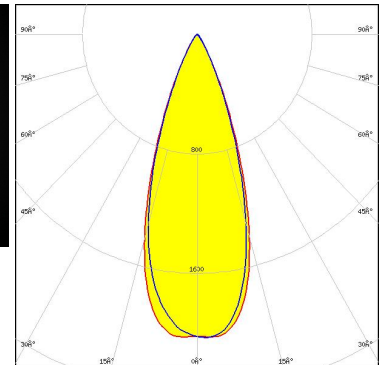
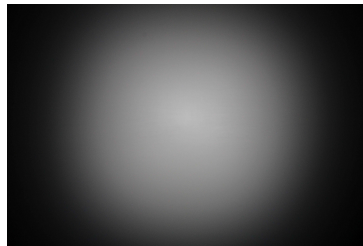
LED XP-G3
 FWHM / FWTM 41.0° / 67.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 37.0° / 59.0°
 Efficiency 87 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

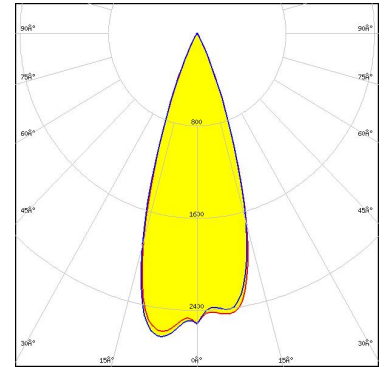


Light distribution files

OPTICAL RESULTS (SIMULATED):



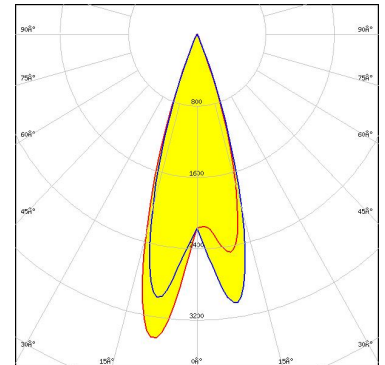
LED XP-E2
 FWHM / FWTM 35.0° / 52.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



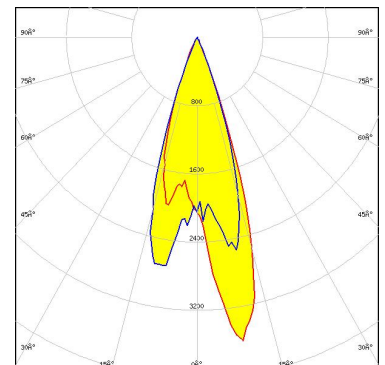
LED XP-E2
 FWHM / FWTM 33.0° / 46.0°
 Efficiency 92 %
 Peak intensity 3.5 cd/Im
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



LED XP-E2
 FWHM / FWTM 34.0° / 47.0°
 Efficiency 92 %
 Peak intensity 3.6 cd/Im
 LEDs/each optic 1
 Light colour/type Green
 Required components:

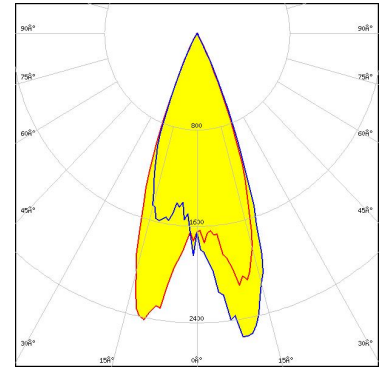


Light distribution files

OPTICAL RESULTS (SIMULATED):



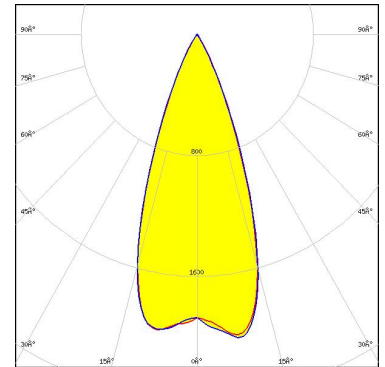
LED XP-E2
 FWHM / FWTM 38.0° / 52.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files



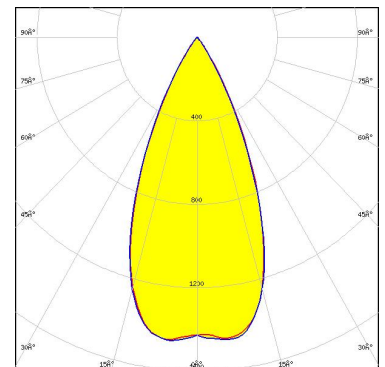
LED LUXEON C
 FWHM / FWTM 40.0° / 58.0°
 Efficiency 87 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW219F
 FWHM / FWTM 46.0° / 68.0°
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

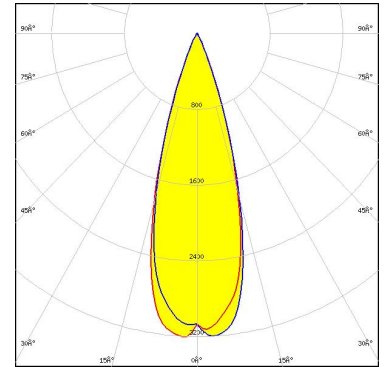


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM

LED KB CSLNM1.14
 FWHM / FWTM 32.0° / 48.0°
 Efficiency 92 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

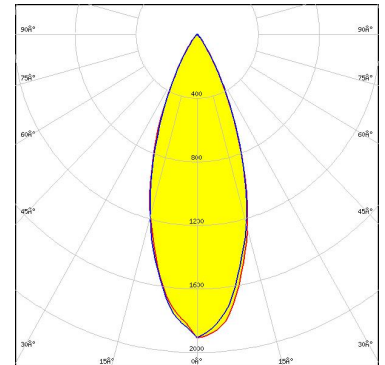


Light distribution files

OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 38.0° / 65.0°
 Efficiency 88 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

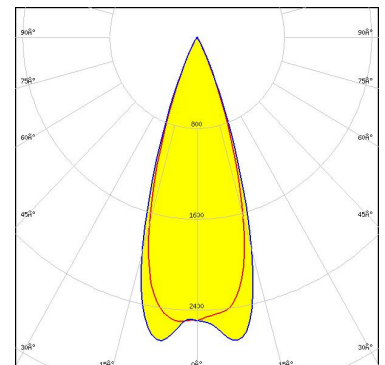


Light distribution files

OSRAM

Opto Semiconductors

LED OSTAR Projection Compact (KW.CSLNM1.TG)
 FWHM / FWTM 36.0° / 52.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

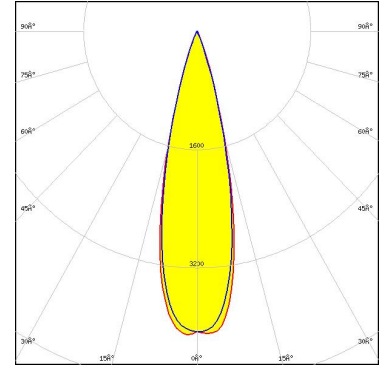
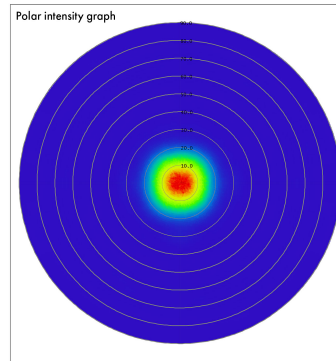


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

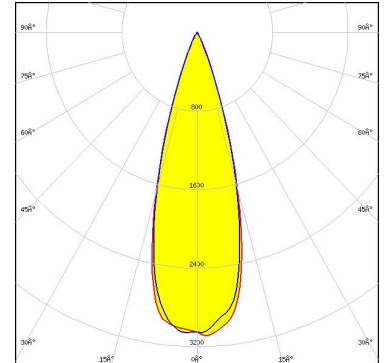
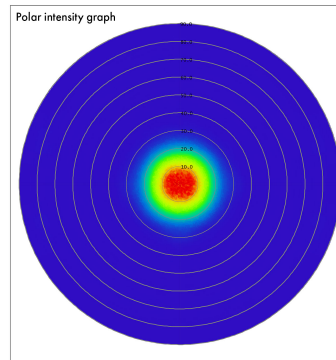
LED SFH 4715S
FWHM / FWTM 25.0° / 40.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

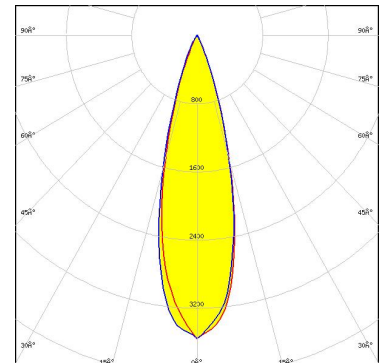
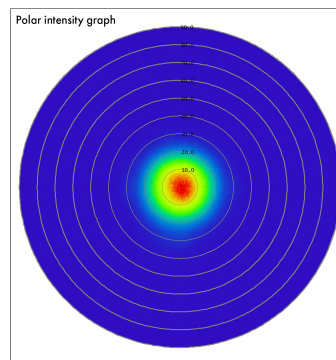
LED SFH 4716S
FWHM / FWTM 31.0° / 47.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 28.0° / 46.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
Required components:

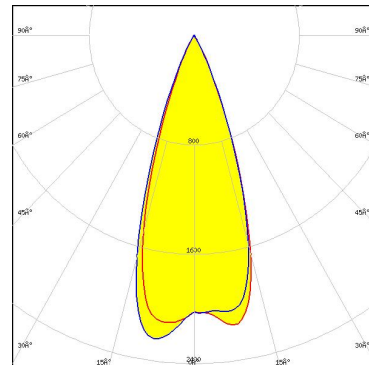
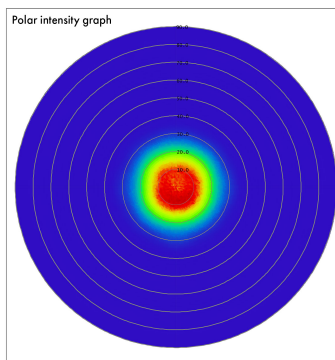


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED MGN1108MS
FWHM / FWTM 37.0° / 54.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type IR
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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LEDiL Oy

Joensuunkatu 7
FI-24240 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

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