

LISA3-W-CLIP16

~35° wide beam with clip installation.

SPECIFICATION:

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

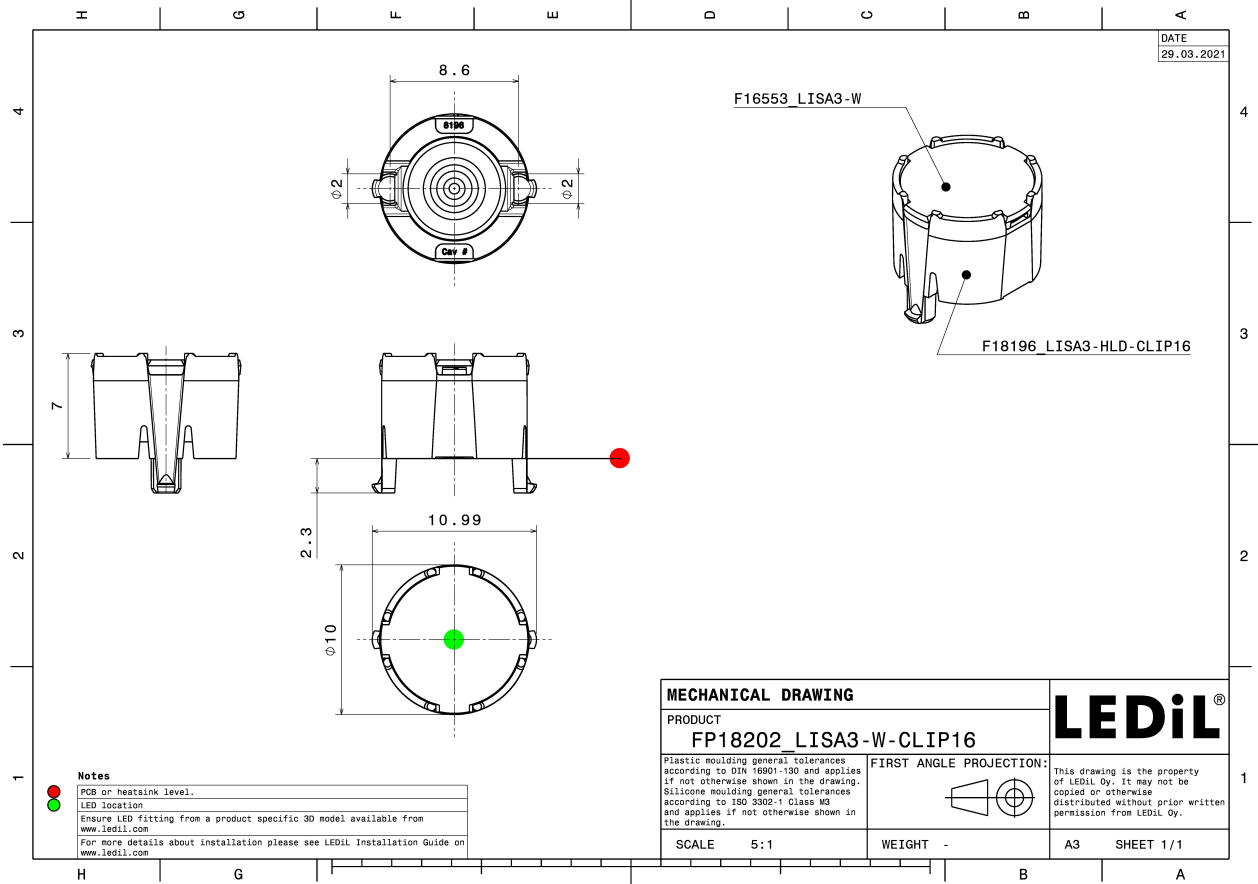
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA3-W	Single lens	PMMA	clear		9.9
LISA3-HLD-CLIP16	Holder	PC	black		9.9



ORDERING INFORMATION:

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

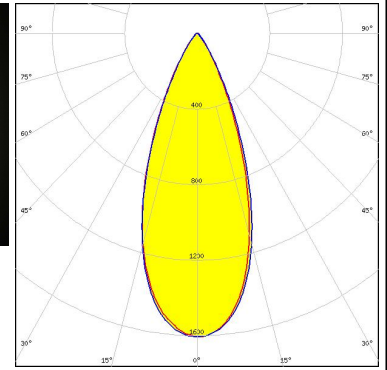


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



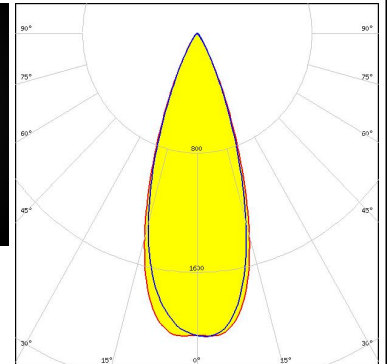
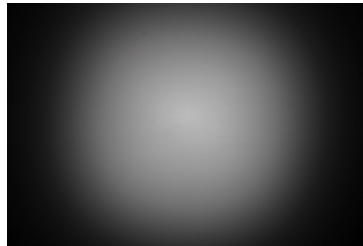
LED XP-G3
FWHM / FWTM 41.0° / 67.0°
Efficiency 84 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLON 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:

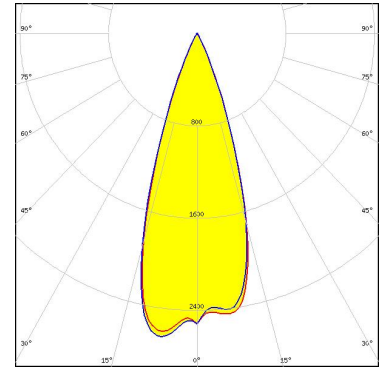


Light distribution files

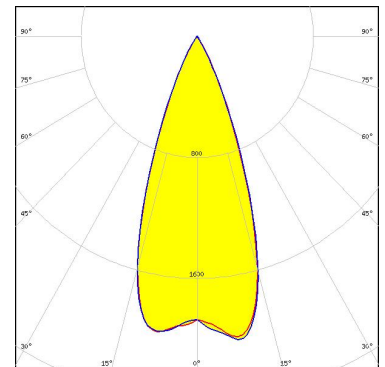
OPTICAL RESULTS (SIMULATED):



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



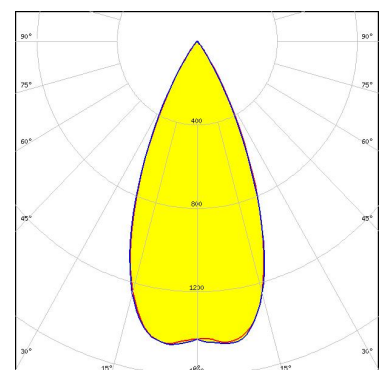
LED LUXEON C
FWHM / FWTM 40.0° / 58.0°
Efficiency 87 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



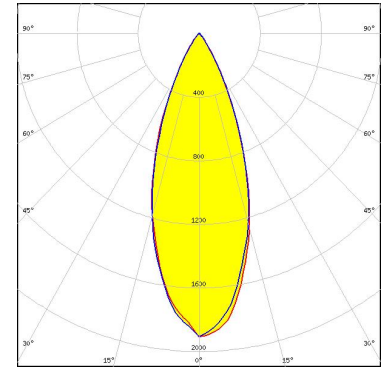
LED NVSW219F
FWHM / FWTM 46.0° / 68.0°
Efficiency 88 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

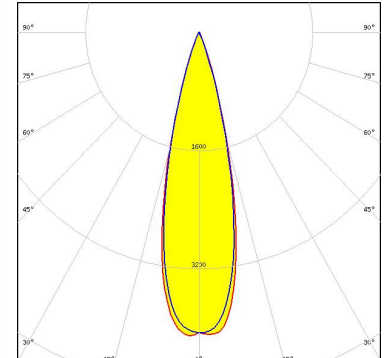
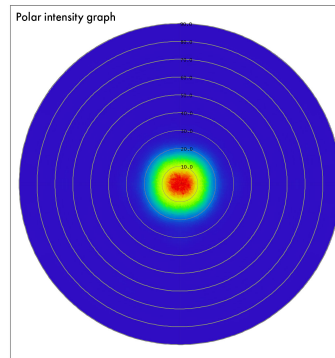
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 38.0° / 65.0°
 Efficiency 88 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

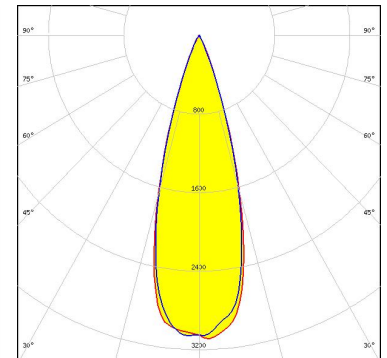
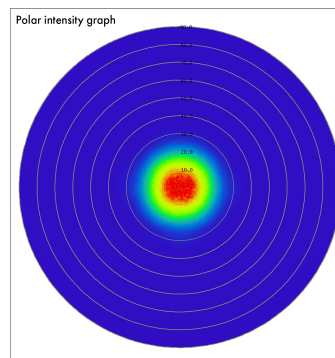
LED SFH 4715S
 FWHM / FWTM 25.0° / 40.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

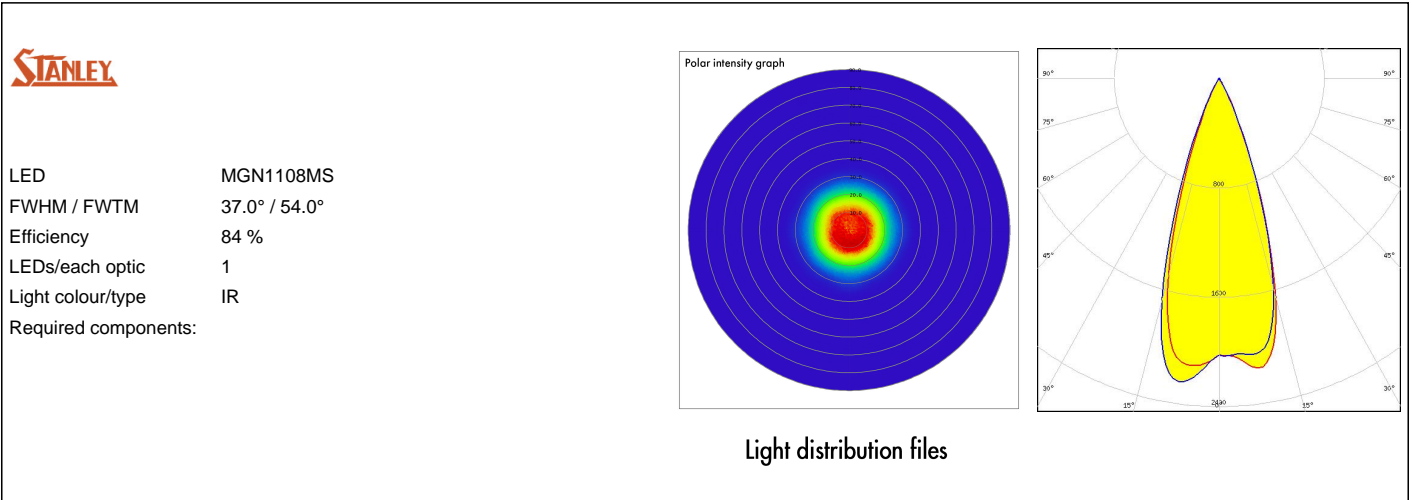
OSRAM
Opto Semiconductors

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



Light distribution files

OPTICAL RESULTS (SIMULATED):



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:

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