

LISA3-RS-CLIP16

~15° spot beam with clip installation.

SPECIFICATION:

Dimensions	Ø 10.0
Height	7.9 mm
Fastening	clips
ROHS compliant	yes ⓘ

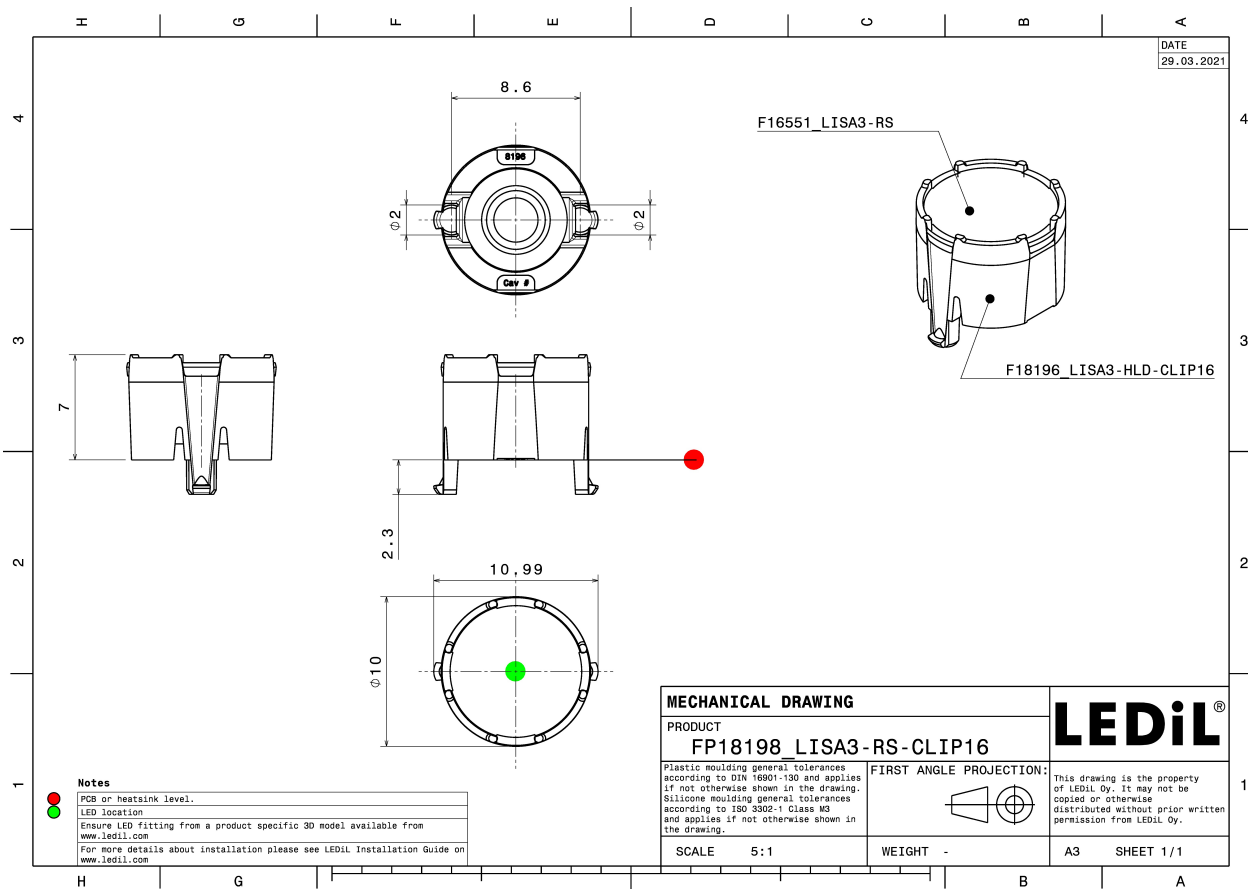
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA3-RS	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)
FP18198_LISA3-RS-CLIP16	Single lens	2000	300	100	1.2
» Box size: 310 x 230 x 60 mm					



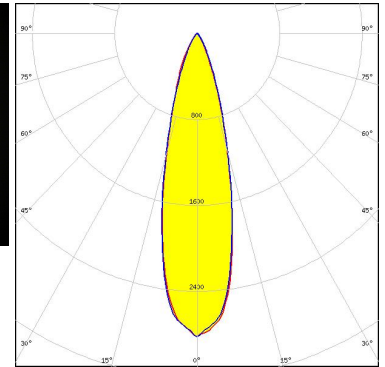
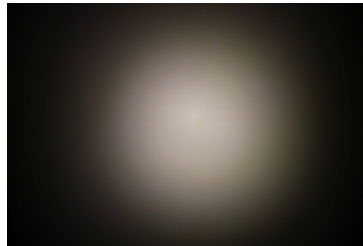


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



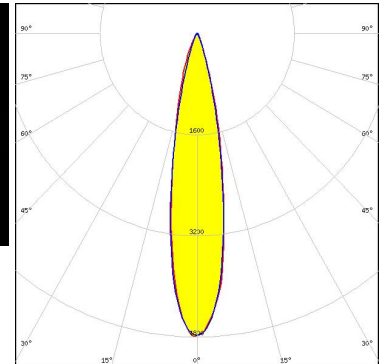
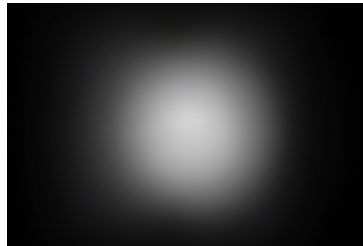
LED XP-G3
 FWHM / FWTM 27.0° / 52.0°
 Efficiency 83 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 87 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

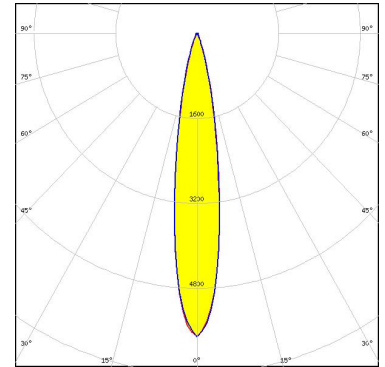


Light distribution files

OPTICAL RESULTS (SIMULATED):



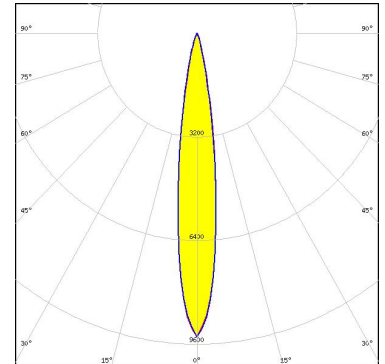
LED XD16
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 81 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



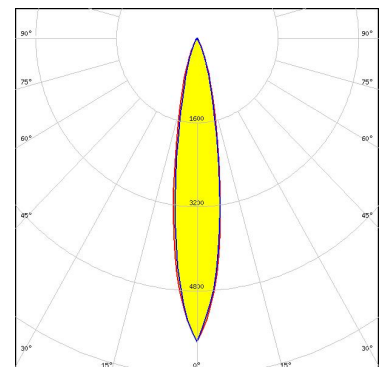
Light distribution files



LED XP-E2
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 90 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



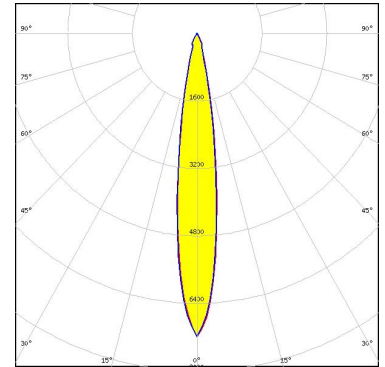
LED LUXEON 2835 Line
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 89 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):



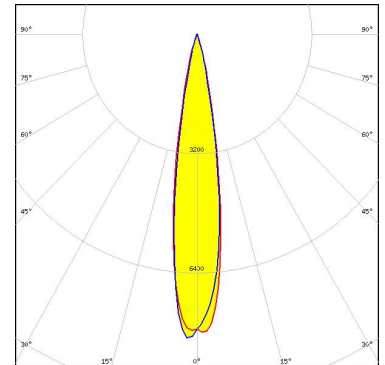
LED LUXEON C
FWHM / FWTM 16.0° / 31.0°
Efficiency 82 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



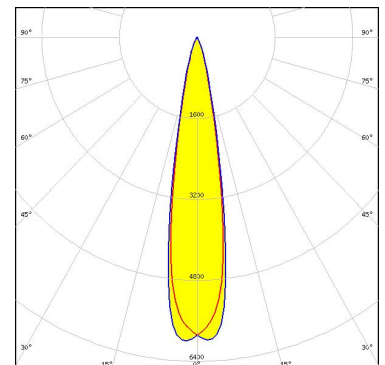
Light distribution files



LED SST-10-B130
FWHM / FWTM 18.0° / 31.0°
Efficiency 88 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



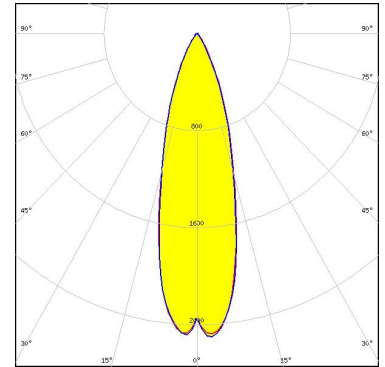
LED SST-10-B130
FWHM / FWTM 20.0° / 35.0°
Efficiency 90 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



OPTICAL RESULTS (SIMULATED):

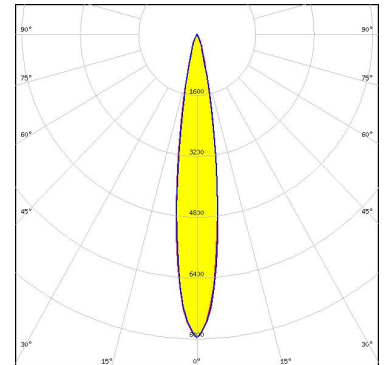
OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 29.0° / 58.0°
Efficiency 88 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



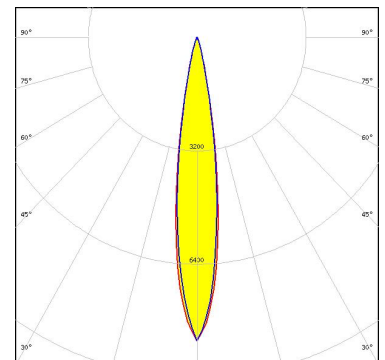
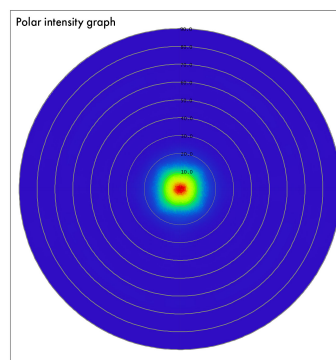
OSRAM
Opto Semiconductors

LED OSLOM Signal
FWHM / FWTM 16.0° / 32.0°
Efficiency 89 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM
Opto Semiconductors

LED SFH 4716S
FWHM / FWTM 16.0° / 29.0°
Efficiency 86 %
LEDs/each optic 1
Light colour/type IR
Required components:

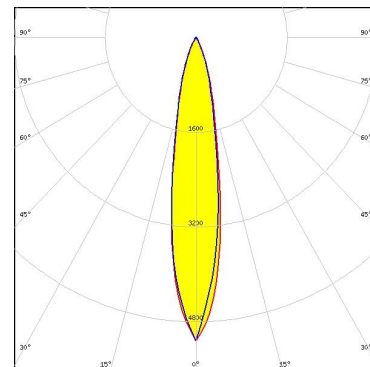


Light distribution files

OPTICAL RESULTS (SIMULATED):

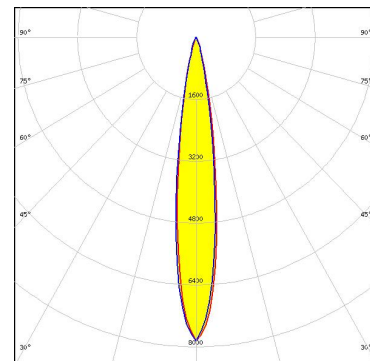
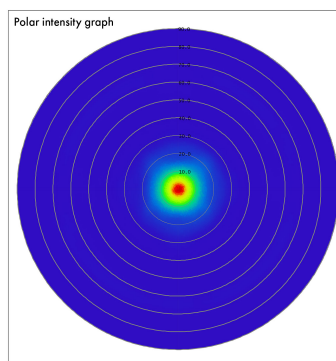
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	18.0° / 43.0°
Efficiency	88 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



STANLEY

LED	MGN1108MS
FWHM / FWTM	15.0° / 31.0°
Efficiency	82 %
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:

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