

ANGIE-S

~12° spot beam

SPECIFICATION:

Dimensions	Ø 34.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

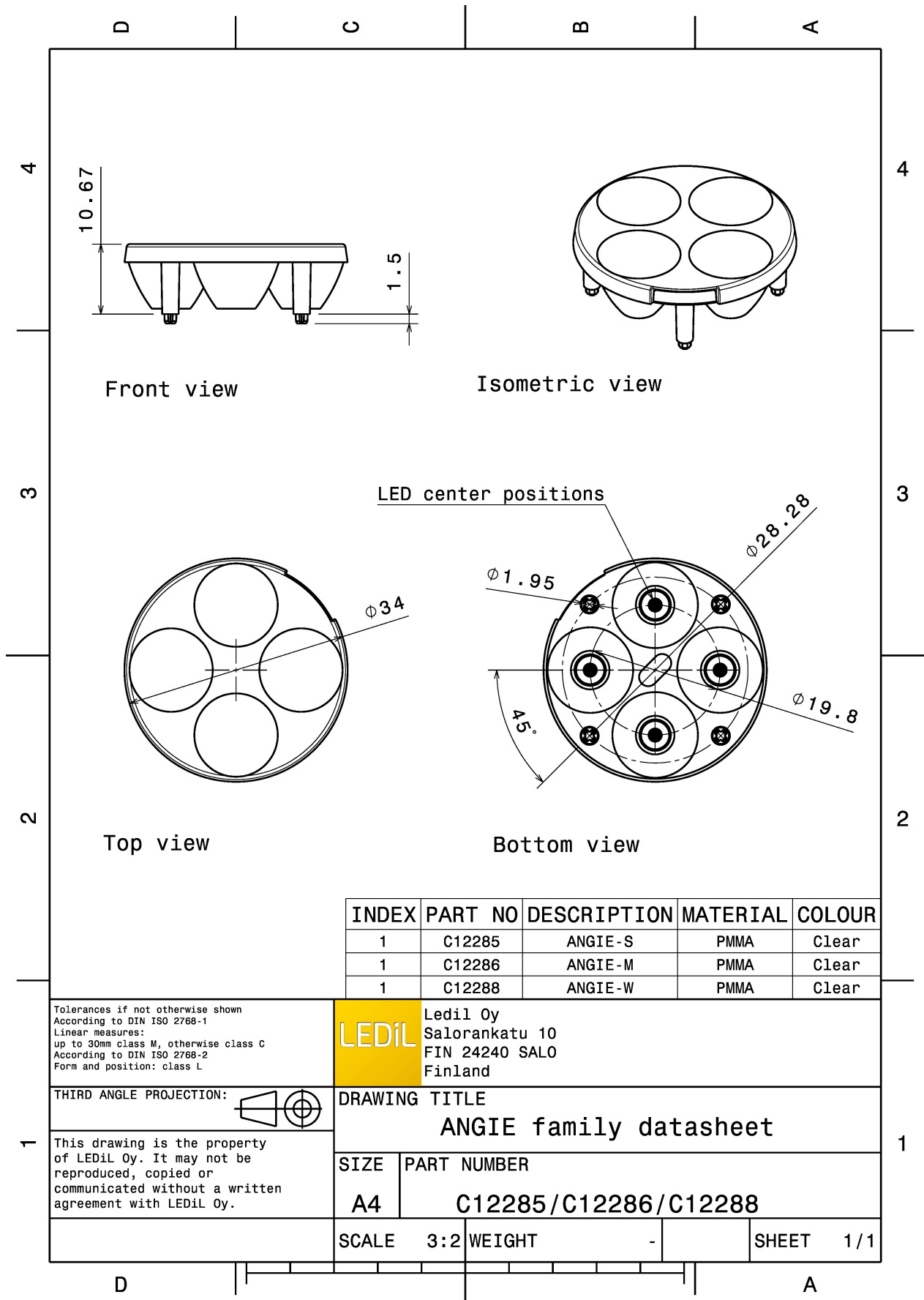
MATERIALS:

Component	Type	Material	Colour	Finish	Length
ANGIE-S	Multi-lens	PMMA	clear		34.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12285_ANGIE-S » Box size: 480 x 280 x 300 mm	1254	132	66	8.7





INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12285	ANGIE-S	PMMA	Clear
1	C12286	ANGIE-M	PMMA	Clear
1	C12288	ANGIE-W	PMMA	Clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL LediL Oy
Salorankatu 10
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Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
ANGIE family datasheet

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SIZE	PART NUMBER
A4	C12285/C12286/C12288

SCALE	3:2	WEIGHT	-	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED	XP-E
FWHM / FWTM	11.0° / 20.0°
Efficiency	91 %
Peak intensity	14.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

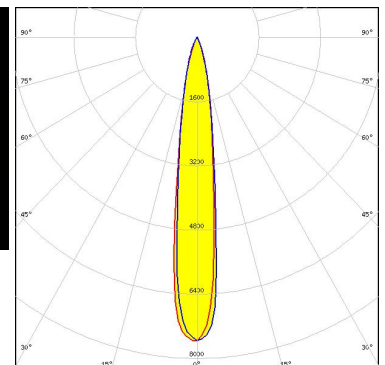
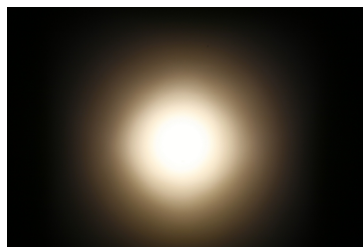


LED	XP-G
FWHM / FWTM	15.0° / 29.0°
Efficiency	93 %
Peak intensity	8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	LUXEON T
FWHM / FWTM	15.0° / 34.0°
Efficiency	93 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	


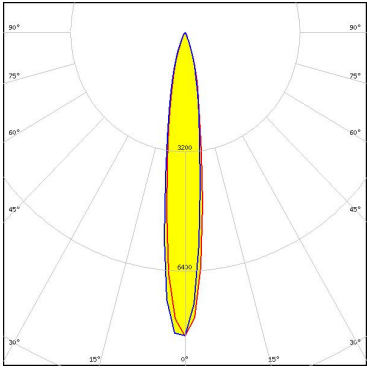


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON TX
FWHM / FWTM	15.0° / 36.0°
Efficiency	92 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	14.0° / 31.0°
Efficiency	94 %
Peak intensity	8.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	10.0° / 24.0°
Efficiency	94 %
Peak intensity	17 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

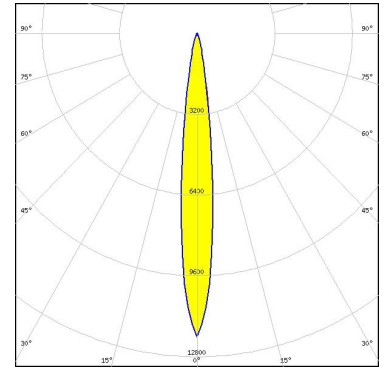
LED	OSLON SSL 80
FWHM / FWTM	12.0° / 30.0°
Efficiency	93 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):



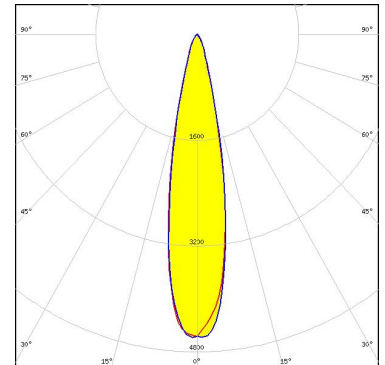
LED XD16
FWHM / FWTM 12.0° / 26.0°
Efficiency 96 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



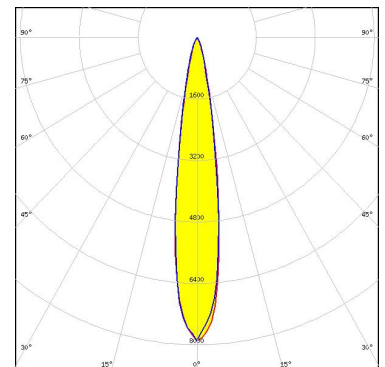
LED XP-L HD
FWHM / FWTM 21.0° / 40.0°
Efficiency 91 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON H50-2
FWHM / FWTM 16.0° / 32.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

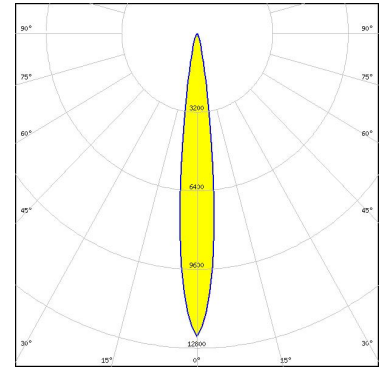


Light distribution files

OPTICAL RESULTS (SIMULATED):



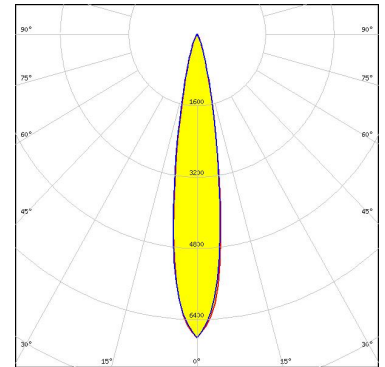
LED SST-20
FWHM / FWTM 12.0° / 26.0°
Efficiency 97 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSxx19B/NVSxx19C
FWHM / FWTM 18.0° / 35.0°
Efficiency 93 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



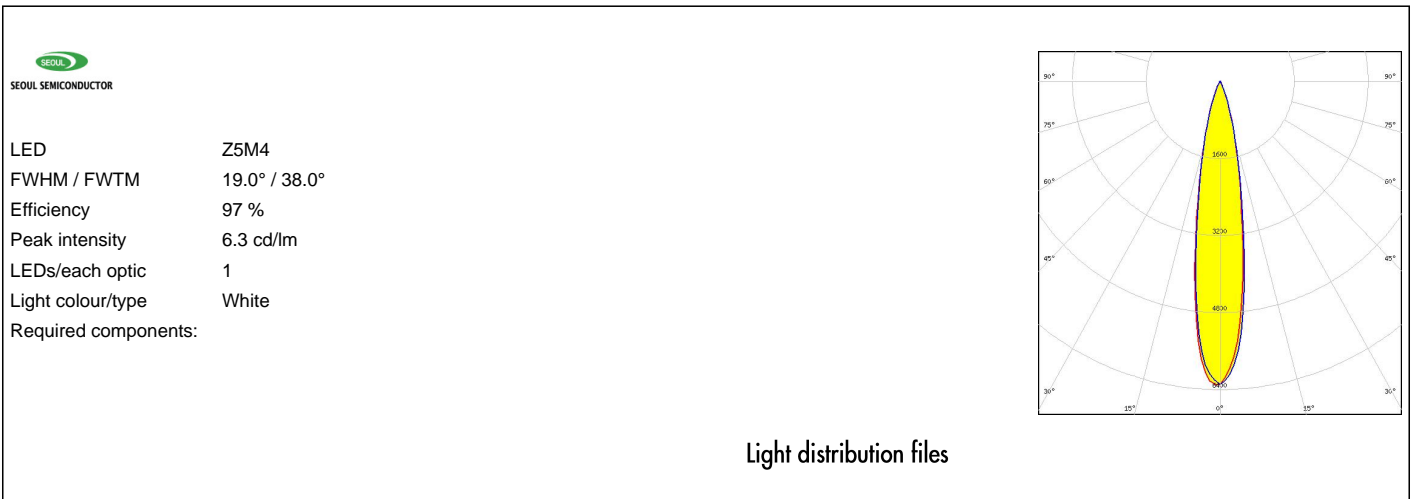
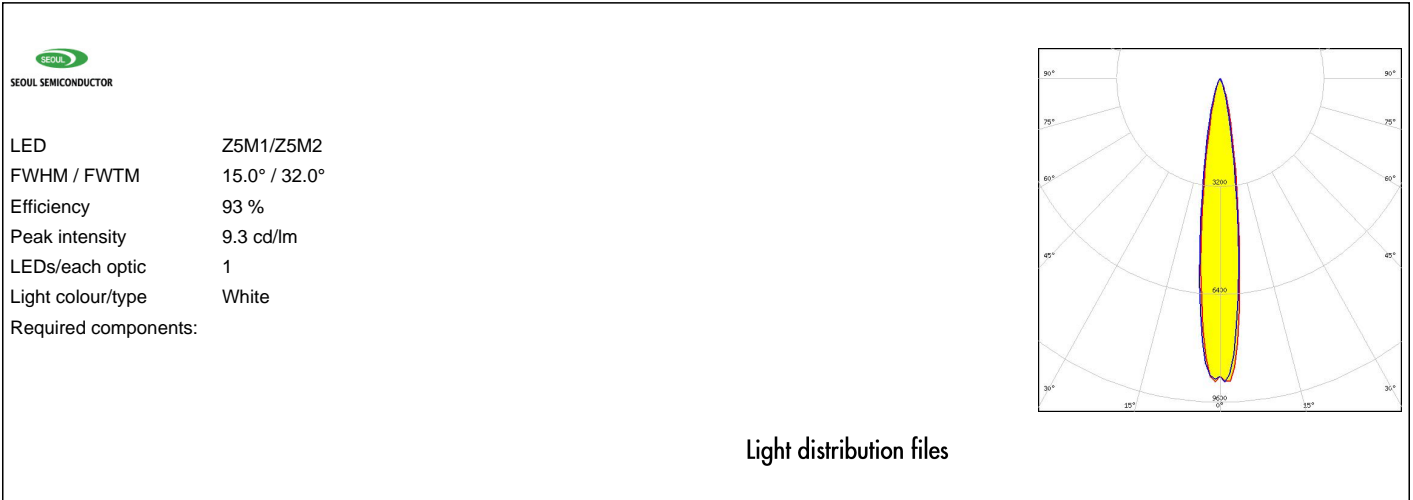
Light distribution files



LED Z5
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 19 cd/lm
LEDs/each optic 1
Light colour/type White
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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