

ANGIE-S

~12° spot beam

SPECIFICATION:

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

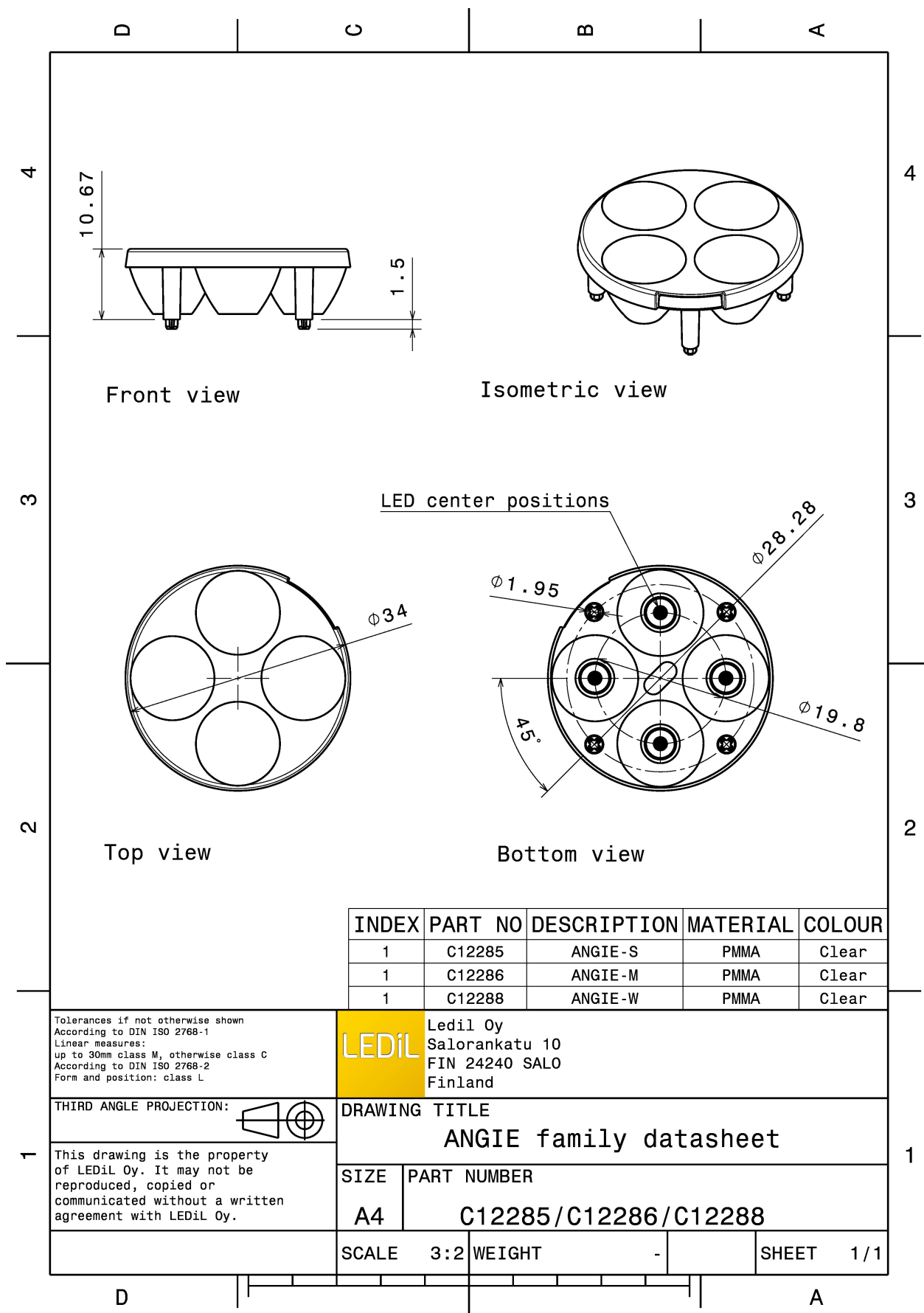
MATERIALS:

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

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





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

OPTICAL RESULTS (MEASURED):



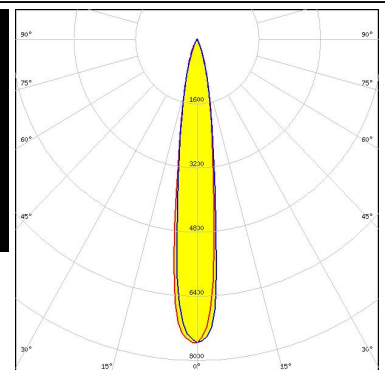
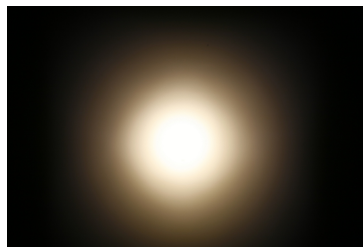
LED XP-E
FWHM / FWTM 11.0° / 20.0°
Efficiency 91 %
Peak intensity 14.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



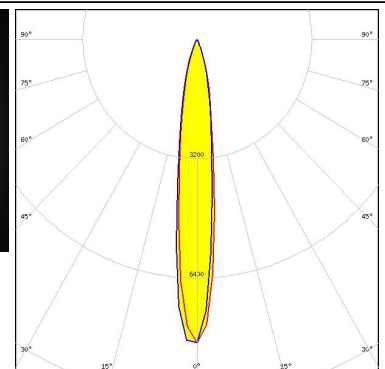
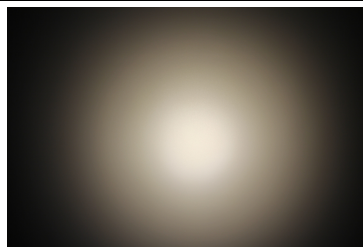
LED XP-G
FWHM / FWTM 15.0° / 29.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



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

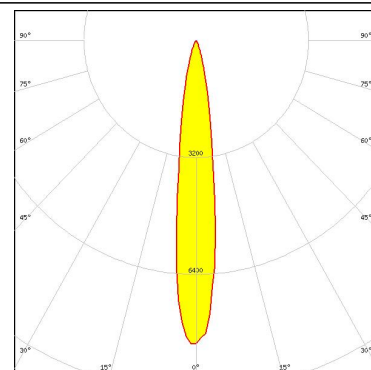


OPTICAL RESULTS (MEASURED):

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 White
Required components:



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 White
Required components:

OSRAM

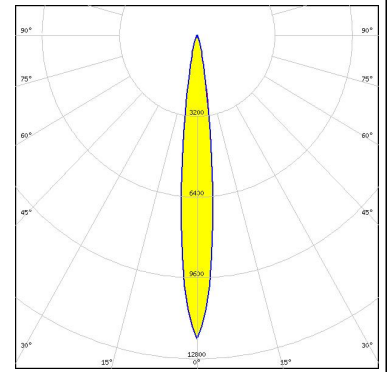
Opto Semiconductors

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

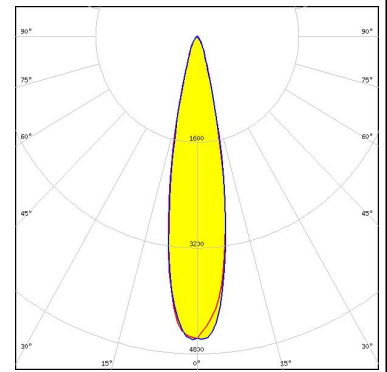
OPTICAL RESULTS (SIMULATED):



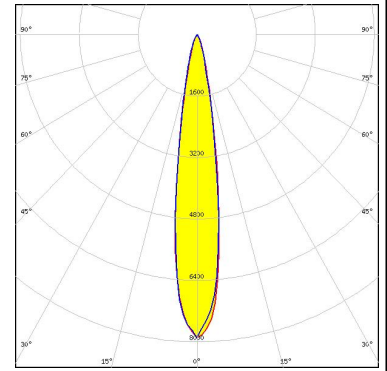
LED XD16
FWHM / FWTM 12.0° / 26.0°
Efficiency 96 %
Peak intensity 12 cd/Im
LEDs/each optic 1
Light colour White
Required components:



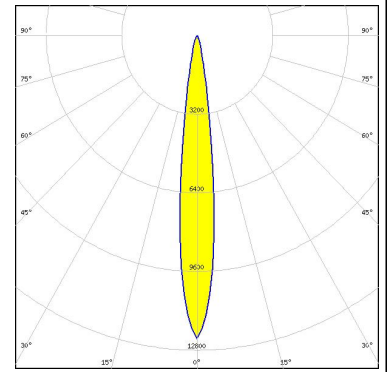
LED XP-L HD
FWHM / FWTM 21.0° / 40.0°
Efficiency 91 %
Peak intensity 4.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



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



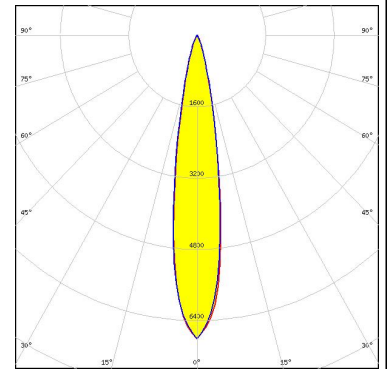
LED SST-20
FWHM / FWTM 12.0° / 26.0°
Efficiency 97 %
Peak intensity 12.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



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



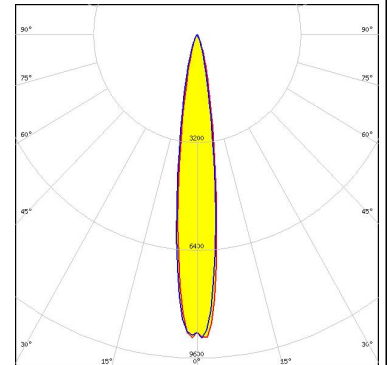
SEOUL SEMICONDUCTOR

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



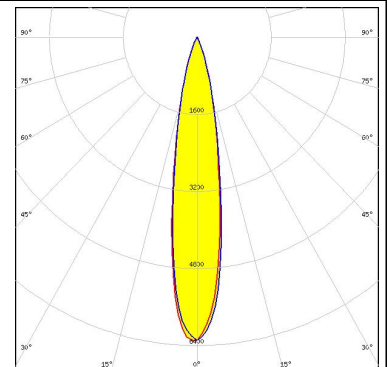
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 15.0° / 32.0°
 Efficiency 93 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 97 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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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LEDiL Oy

Joensuunkatu 13
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

Local sales and technical support

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