

ANGIE-S

~12° spot beam

SPECIFICATION:

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

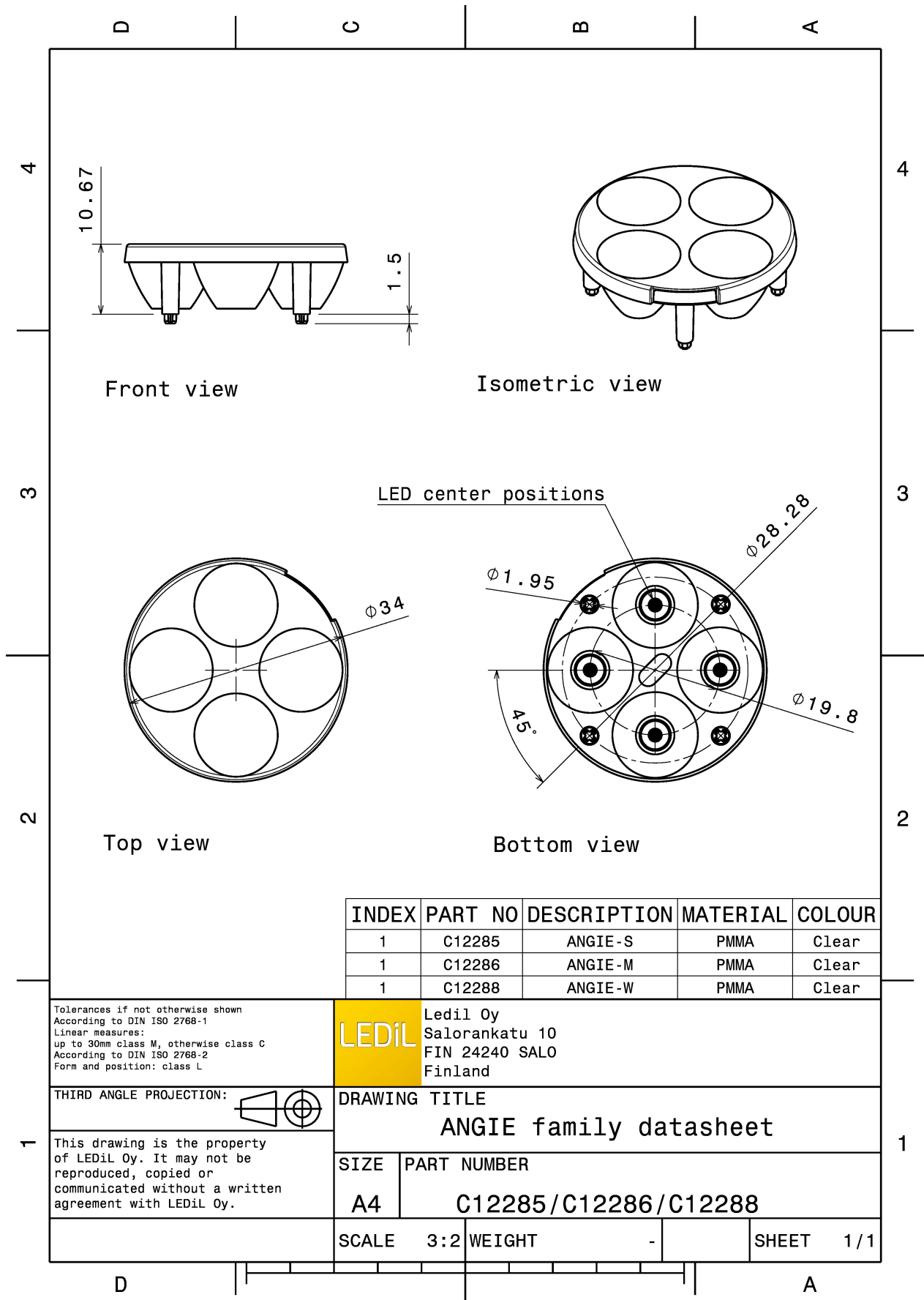
MATERIALS:

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):

CREE LED

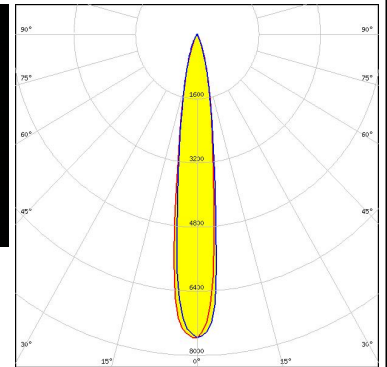
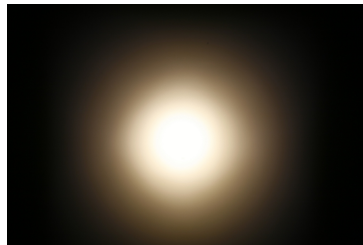
LED XP-E
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 91 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE LED

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:

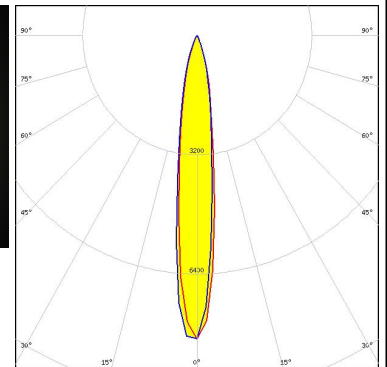
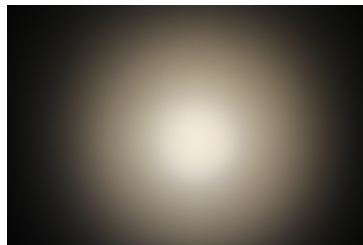
LUMILEDS

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:



LUMILEDS

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:

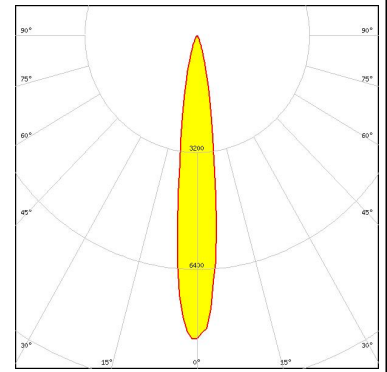


OPTICAL RESULTS (MEASURED):

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

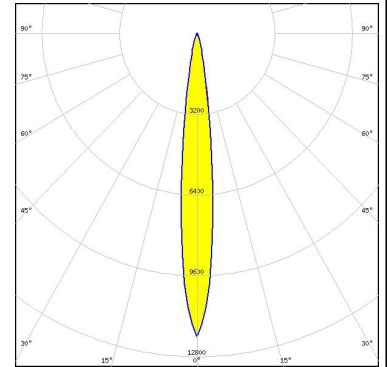
Opto Semiconductors

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:

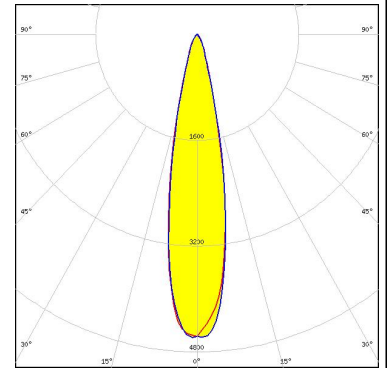
OPTICAL RESULTS (SIMULATED):



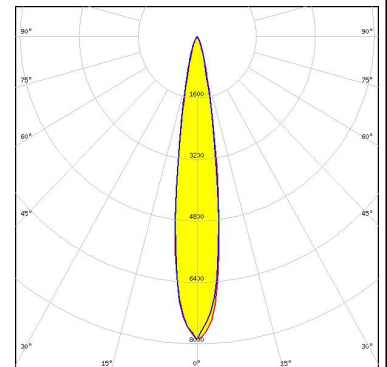
LED XD16
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



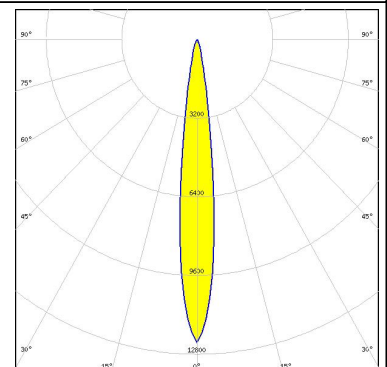
LED XP-L HD
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 91 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



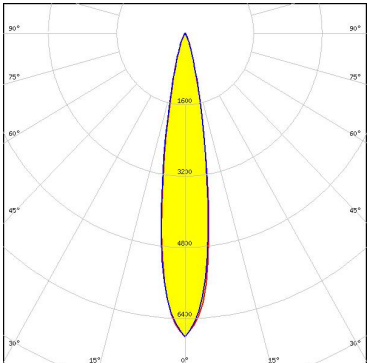
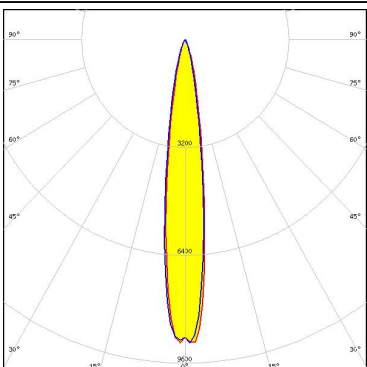
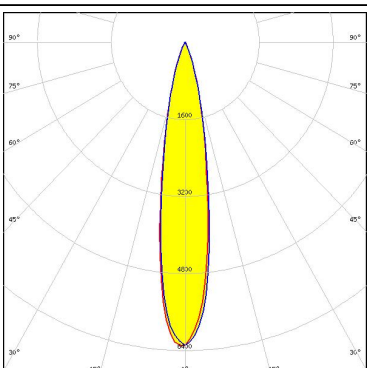
LED LUXEON H50-2
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 93 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



OPTICAL RESULTS (SIMULATED):

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

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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