

ANGIE-S

~12° spot beam

SPECIFICATION:

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

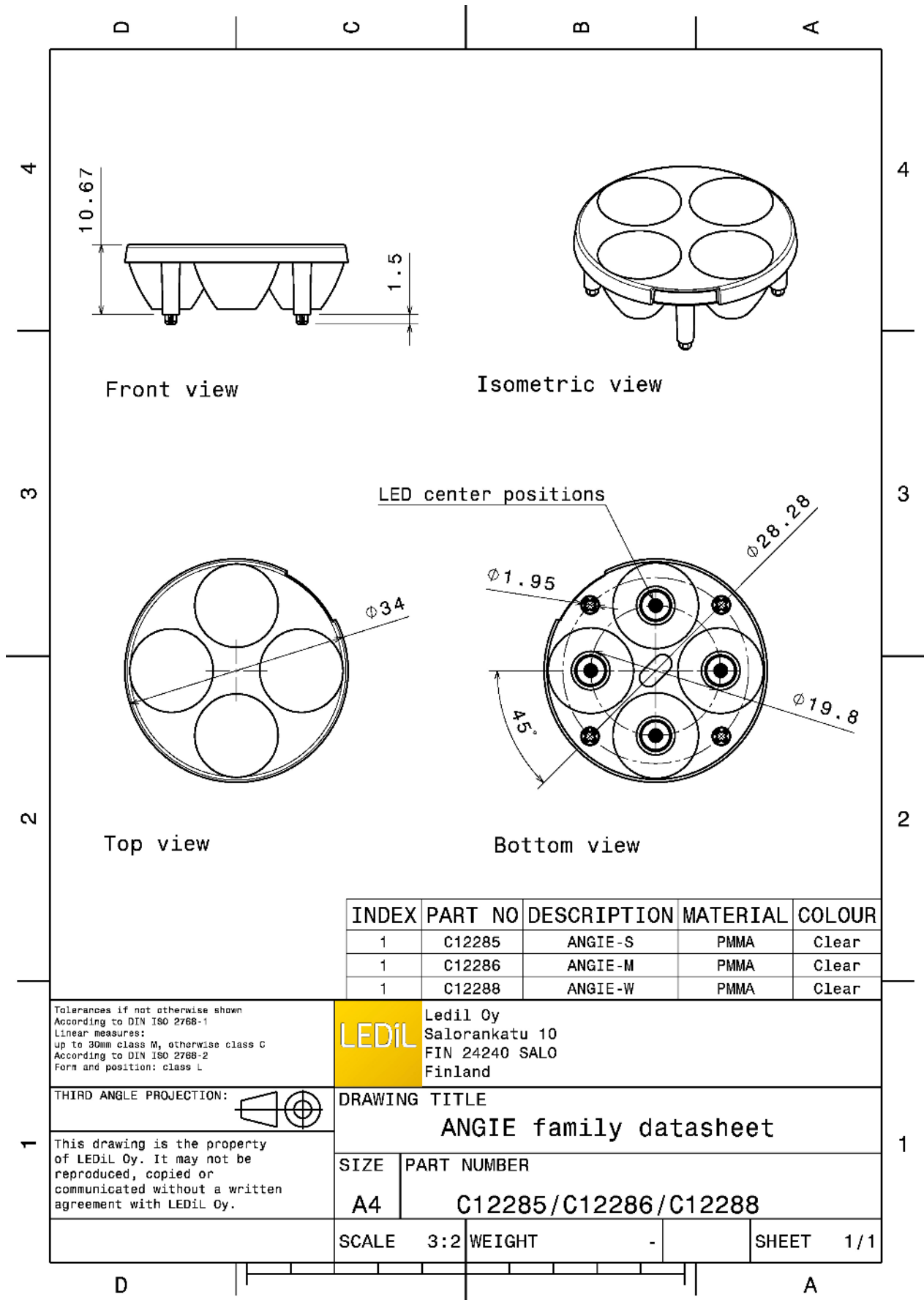
MATERIALS:

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

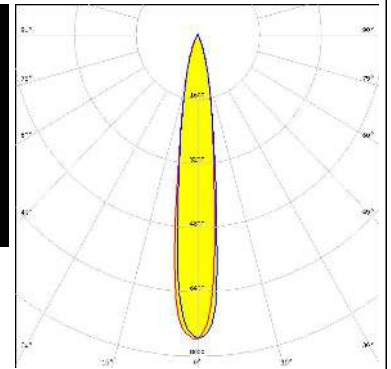
LED XP-E
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 91 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

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:

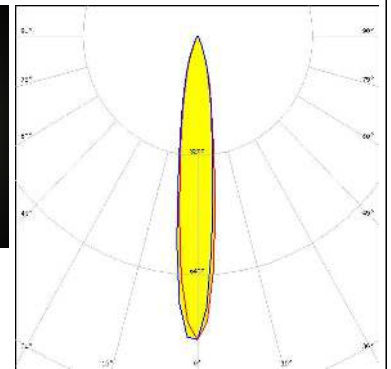
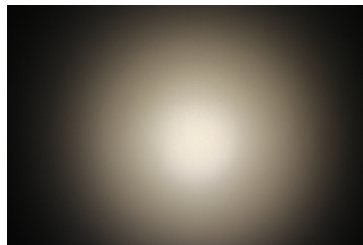
LUMILEDS

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:

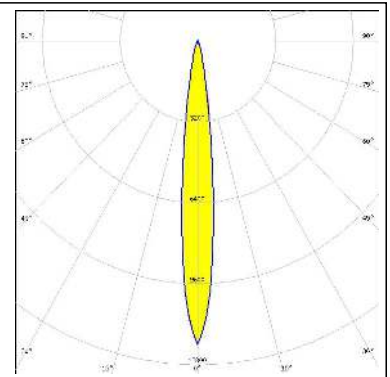
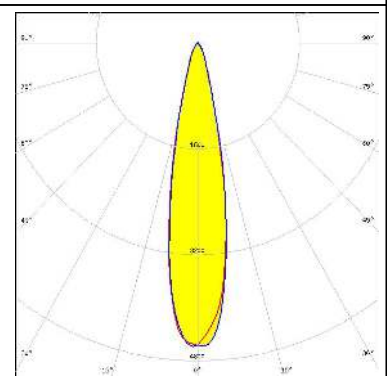
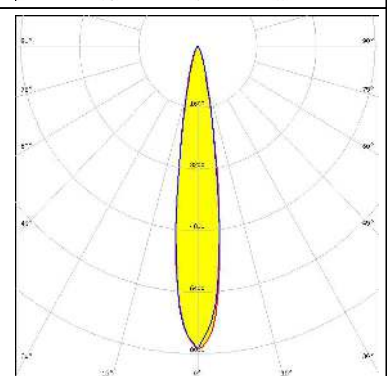
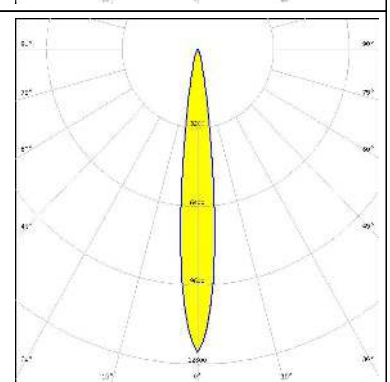


LUMILEDS


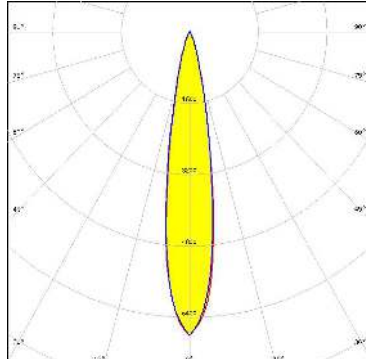



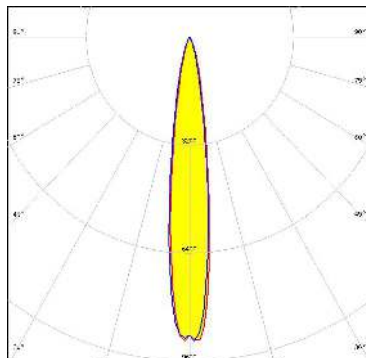

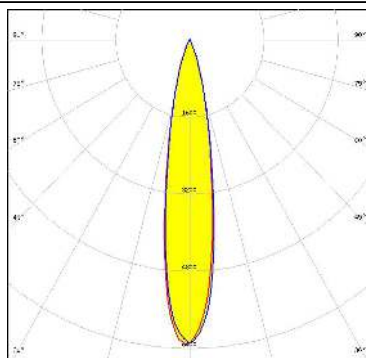
LED LUXEON TX
 FWHM / FWTM 15.0° / 36.0°
 Efficiency 92 %
 Peak intensity 8.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XD16 FWHM / FWTM: 12.0° / 26.0° Efficiency: 96 % Peak intensity: 12 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>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:</p>	
<p>LUMILEDS</p> <p>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:</p>	
<p>LUMINUS</p> <p>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:</p>	

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> SEOL 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> SEOL 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> SEOL 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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