


ANGIE-M

~20° medium beam

TECHNICAL SPECIFICATIONS:

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

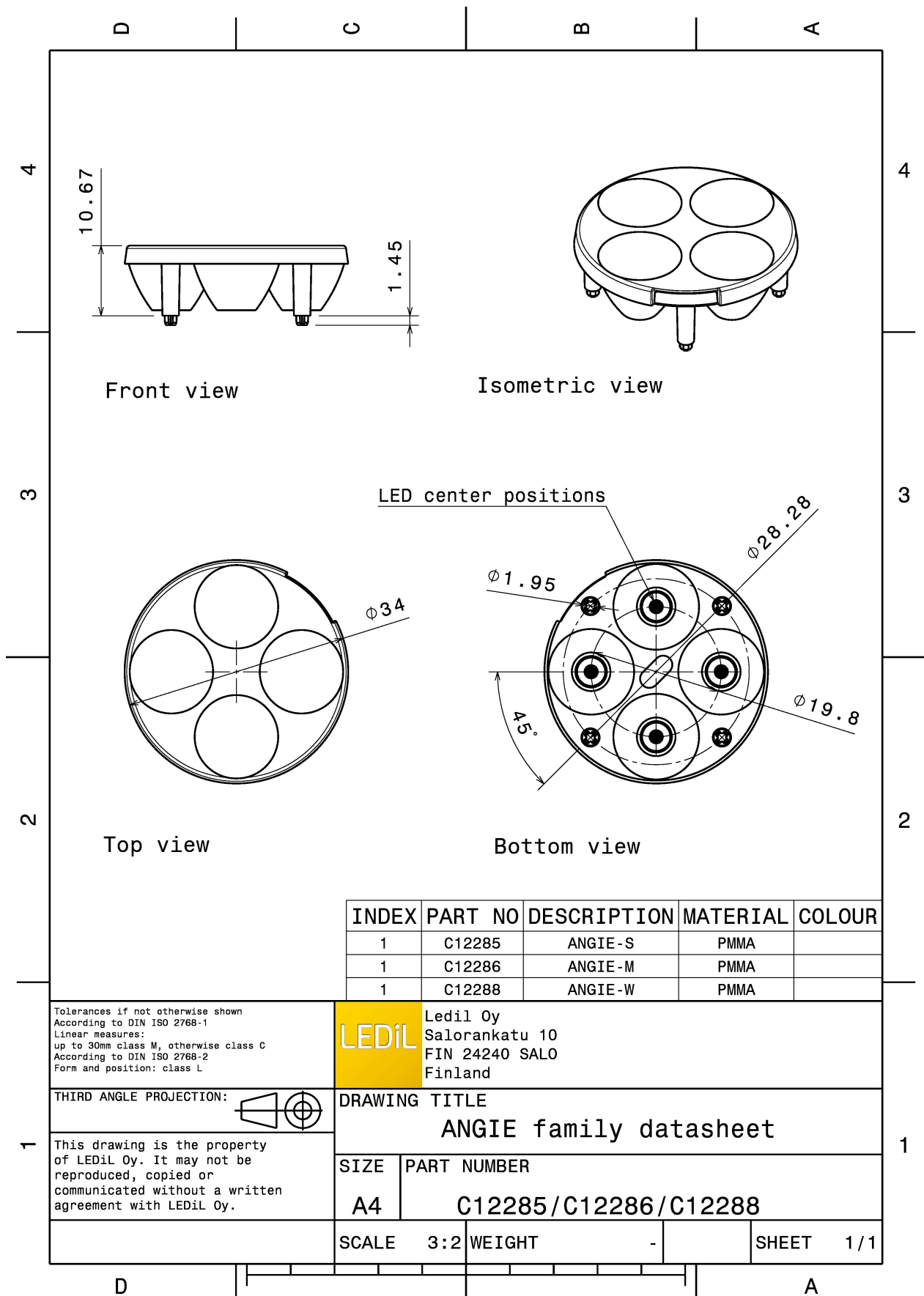
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12286_ANGLE-M » Box size: 480 x 280 x 300 mm	1254	132	66	8.4



PHOTOMETRIC DATA (MEASURED):

CREE ⇄

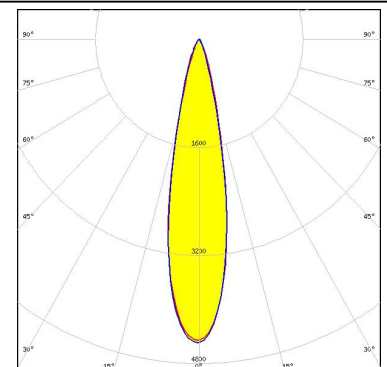
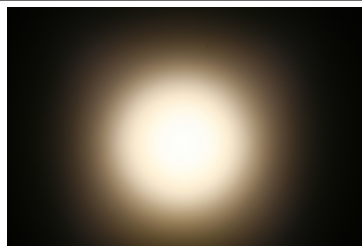
LED XP-E
FWHM 23.0°
Efficiency 86 %
Peak intensity 3 cd/Im
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄

LED XP-G
FWHM 24.0°
Efficiency 88 %
Peak intensity 4.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:

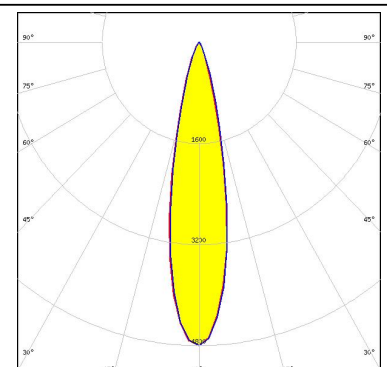
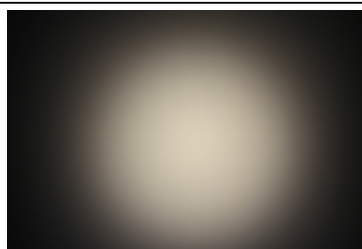
LUMILEDS

LED LUXEON T
FWHM 22.0°
Efficiency 90 %
Peak intensity 4.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON TX
FWHM 22.0°
Efficiency 89 %
Peak intensity 4.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED OSLON Square EC
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM Opto Semiconductors

LED OSLON SSL 150
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

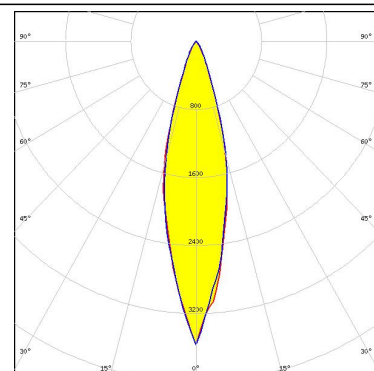
OSRAM Opto Semiconductors

LED OSLON SSL 80
FWHM 16.0°
Efficiency 87 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

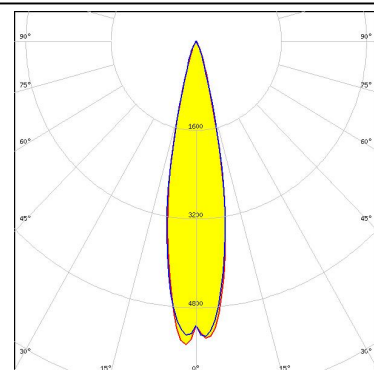
PHOTOMETRIC DATA (SIMULATED):



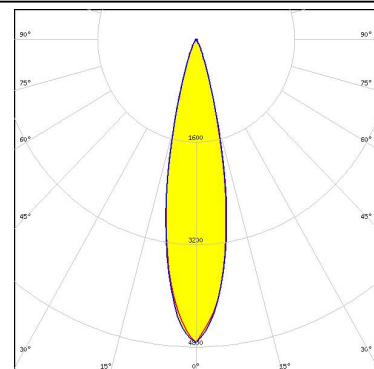
LED XP-L HD
FWHM 25.0°
Efficiency 89 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



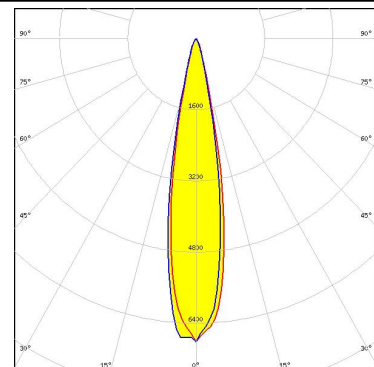
LED LUXEON H50-2
FWHM 22.0°
Efficiency 92 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 23.0°
Efficiency 93 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z5M1/Z5M2
FWHM 20.0°
Efficiency 92 %
Peak intensity 7 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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