

ANGIE-M

~20° medium beam

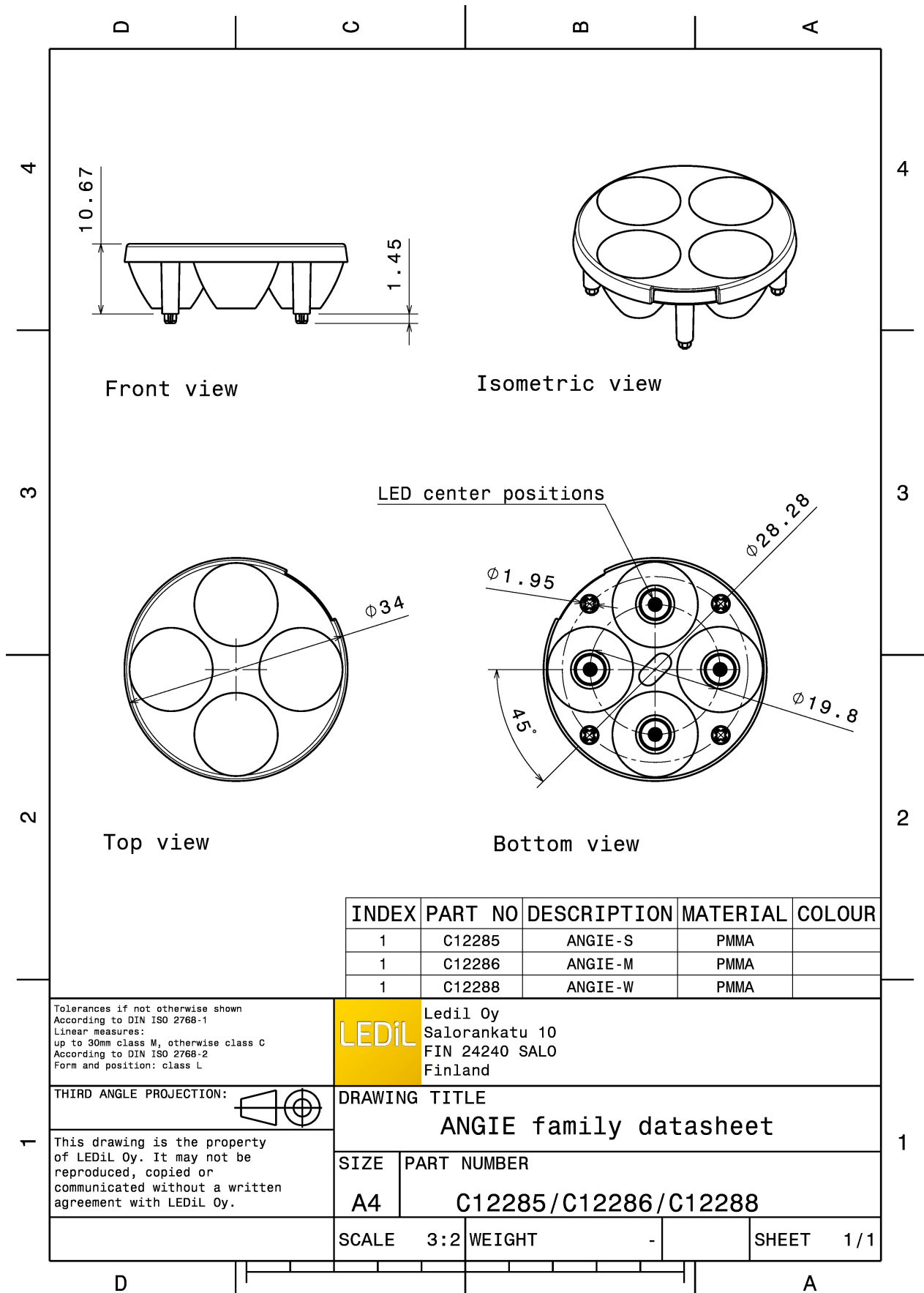
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 34.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.4 kg
Quantity in Box	1254 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANGIE-M	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):



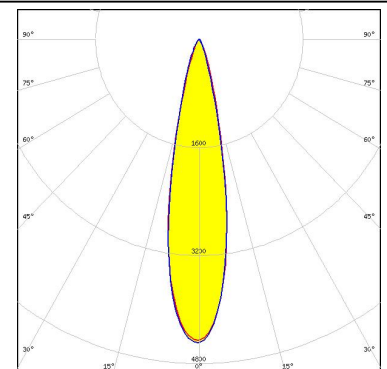
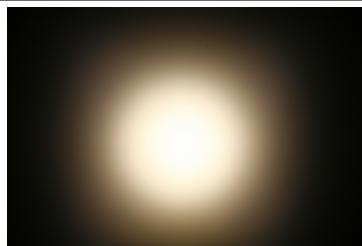
LED XP-E
FWHM 23.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
Required components:



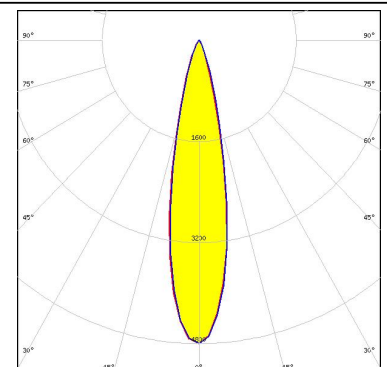
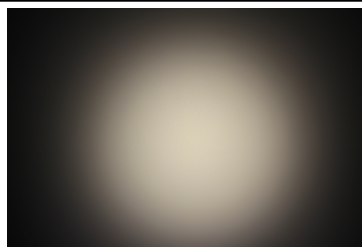
LED XP-G
FWHM 24.0°
Efficiency 88 %
Peak intensity 4.620 cd/lm
Required components:



LED LUXEON T
FWHM 22.0°
Efficiency 90 %
Peak intensity 4.400 cd/lm
Required components:



LED LUXEON TX
FWHM 22.0°
Efficiency 89 %
Peak intensity 4.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.500 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.900 cd/lm
Required components:

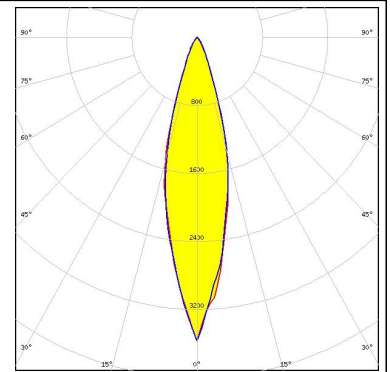
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 16.0°
Efficiency 87 %
Peak intensity 6.300 cd/lm
Required components:

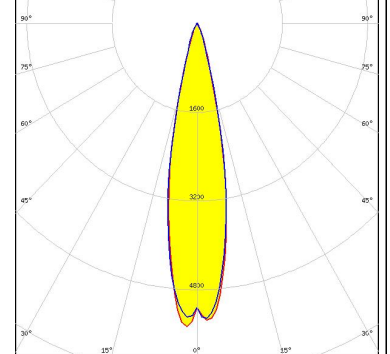
PHOTOMETRIC DATA (SIMULATED):



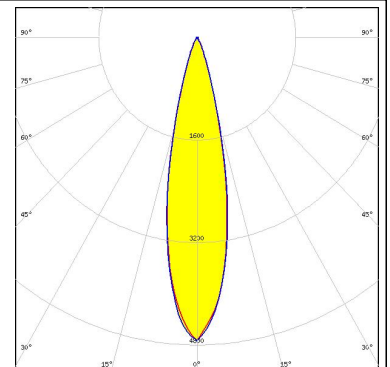
LED XP-L
FWHM 25.0°
Efficiency 89 %
Peak intensity 3.600 cd/lm
Required components:



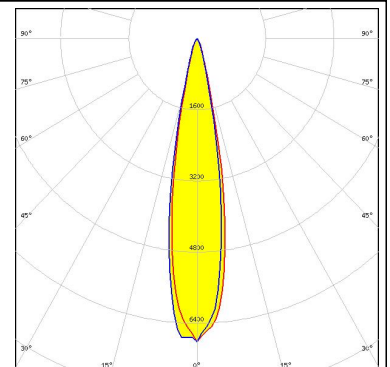
LED LUXEON H50-2
FWHM 22.0°
Efficiency 92 %
Peak intensity 5.500 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 23.0°
Efficiency 93 %
Peak intensity 4.660 cd/lm
Required components:



LED Z5M1/Z5M2
FWHM 20.0°
Efficiency 92 %
Peak intensity 6.950 cd/lm
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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