

ANGIE-S

~12° spot beam

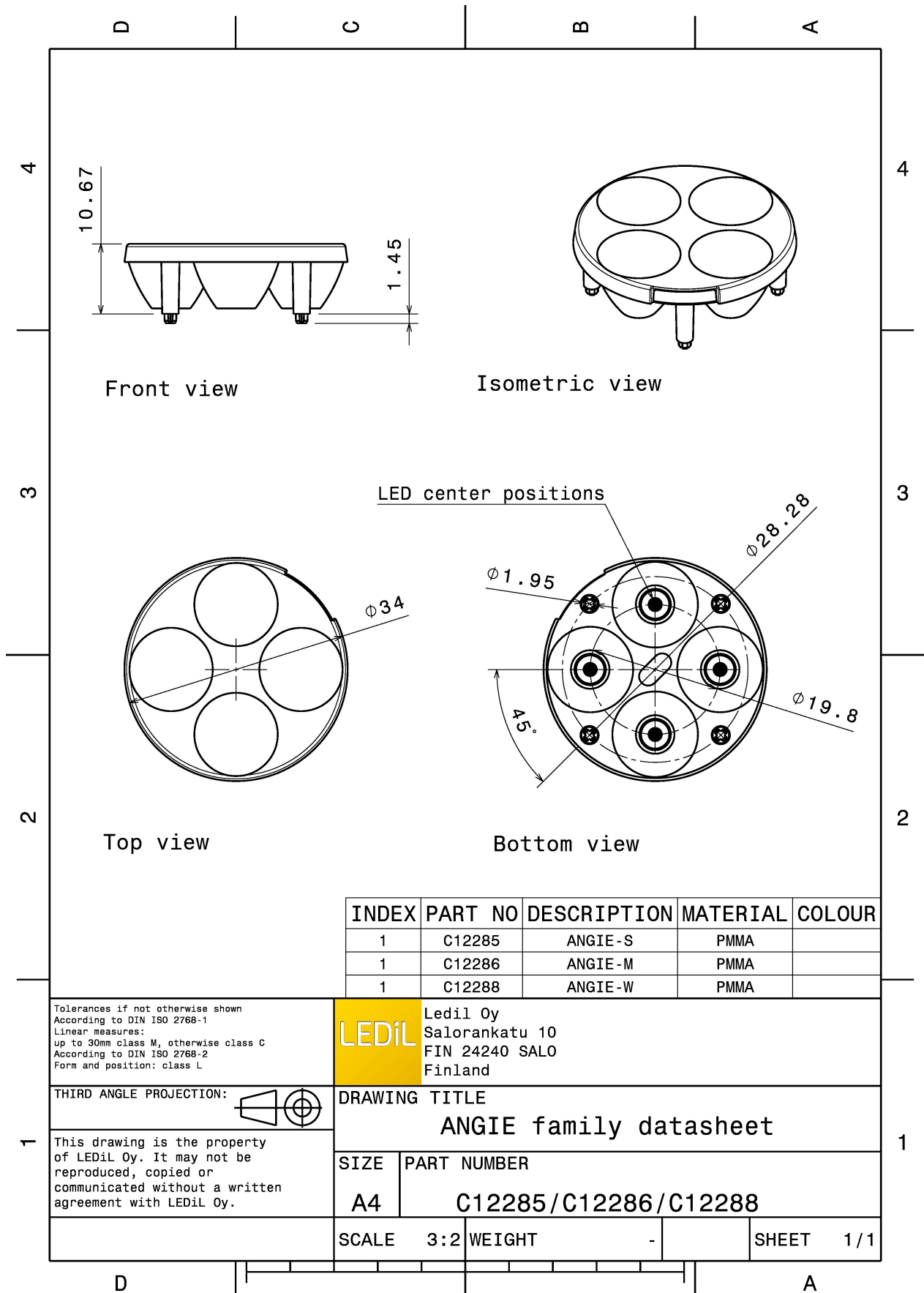
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 34.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.7 kg
Quantity in Box	1254 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANGIE-S	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):



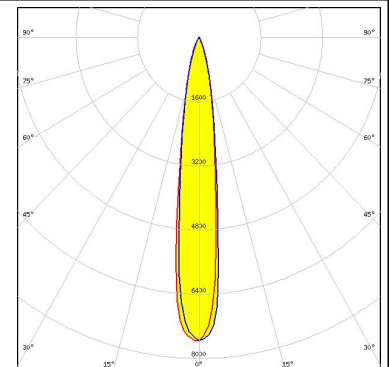
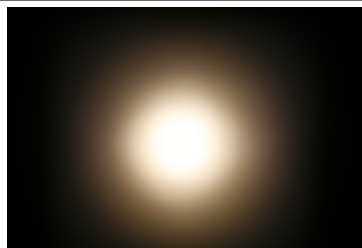
LED XP-E
FWHM 11.0°
Efficiency 91 %
Peak intensity 14.700 cd/lm
Required components:



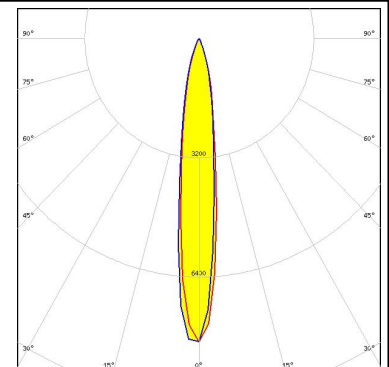
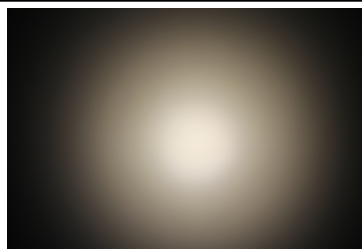
LED XP-G
FWHM 15.0°
Efficiency 93 %
Peak intensity 8.020 cd/lm
Required components:



LED LUXEON T
FWHM 15.0°
Efficiency 93 %
Peak intensity 7.600 cd/lm
Required components:



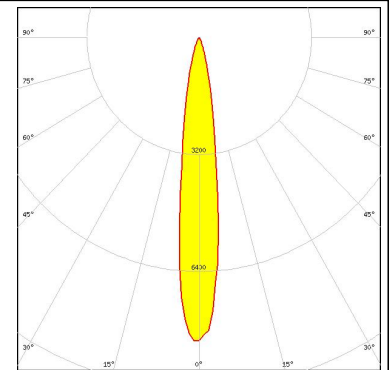
LED LUXEON TX
FWHM 15.0°
Efficiency 92 %
Peak intensity 8.100 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 14.0°
Efficiency 94 %
Peak intensity 8.300 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 10.0°
Efficiency 94 %
Peak intensity 17.000 cd/lm
Required components:

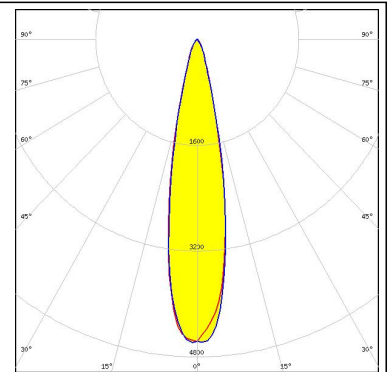
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 12.0°
Efficiency 93 %
Peak intensity 11.000 cd/lm
Required components:

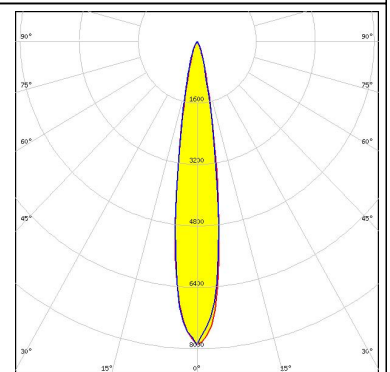
PHOTOMETRIC DATA (SIMULATED):



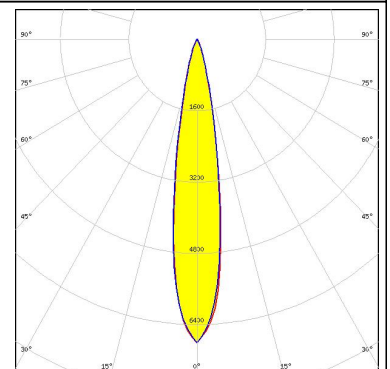
LED XP-L
 FWHM 21.0°
 Efficiency 91 %
 Peak intensity 4.600 cd/lm
 Required components:



LED LUXEON H50-2
 FWHM 16.0°
 Efficiency 93 %
 Peak intensity 8.000 cd/lm
 Required components:



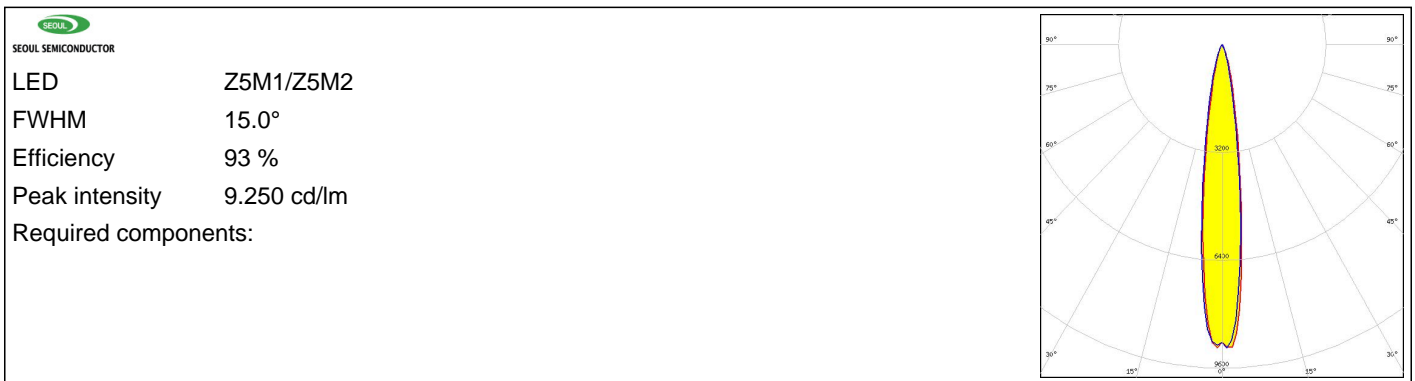
LED NVSxx19B/NVSxx19C
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 6.660 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM 10.0°
 Efficiency 92 %
 Peak intensity 19.000 cd/lm
 Required components:

PHOTOMETRIC DATA (SIMULATED):



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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