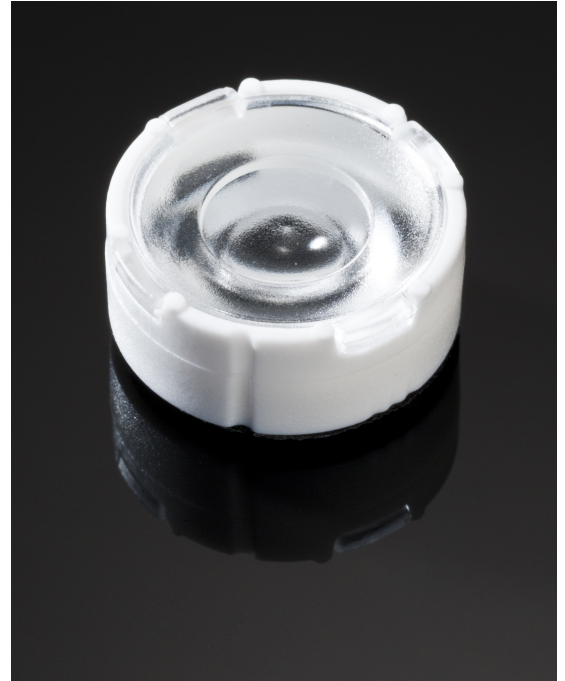


TINA3-WW

~55° wide beam. Assembly with holder and installation tape.

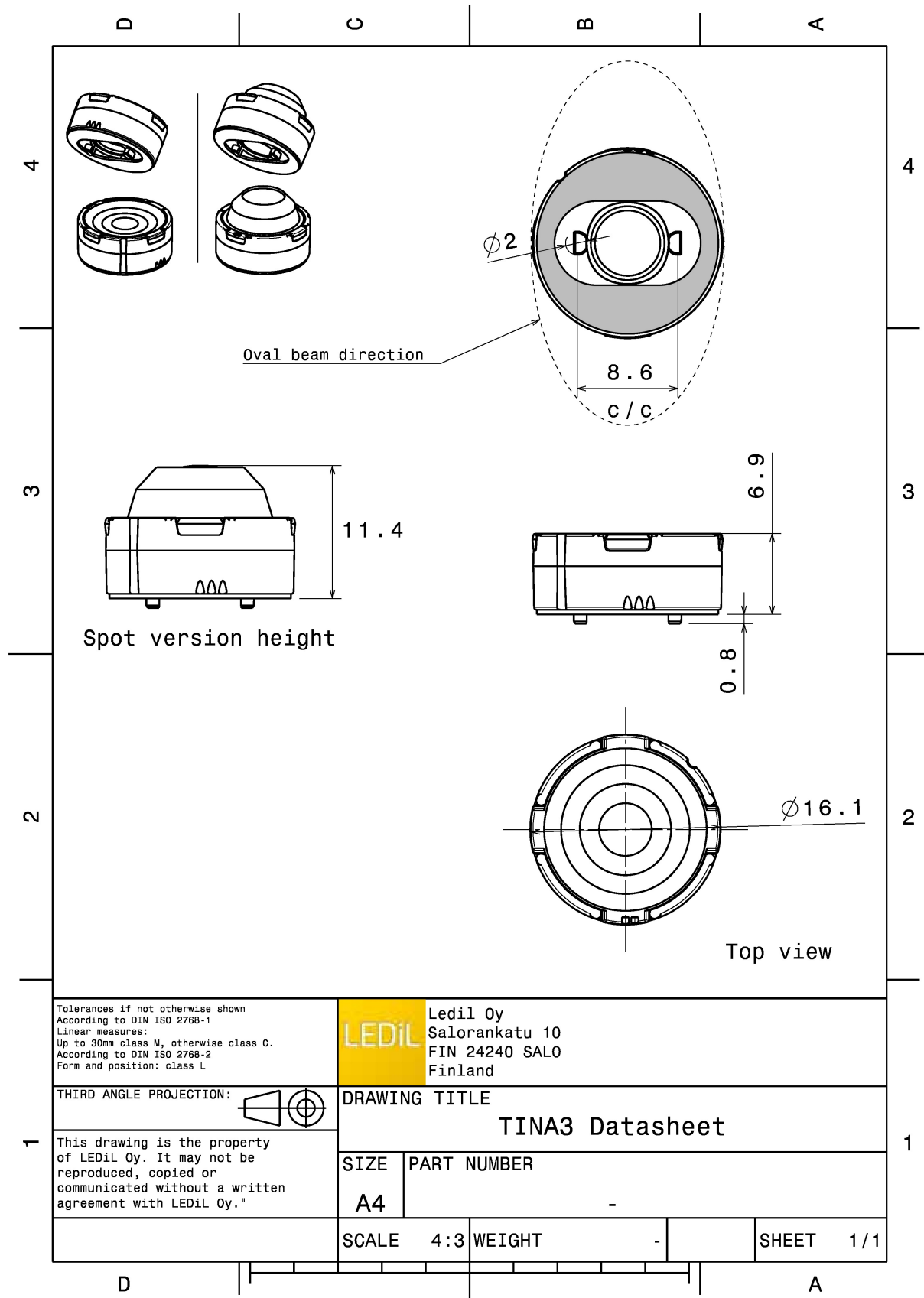
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	6.9 mm
Fastening	tape, pin
Colour	white
Box size	451 x 241 x 298 mm
Box weight	8.6 kg
Quantity in Box	5750 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

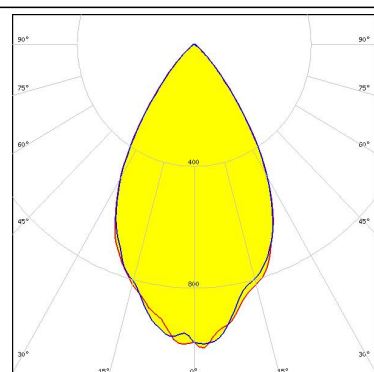
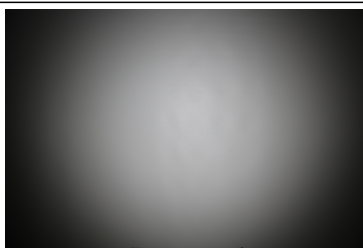
Component	Type	Material	Colour
TINA3-WW	Lens	PMMA	clear
TINA3-HLD-PIN-TAPE	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



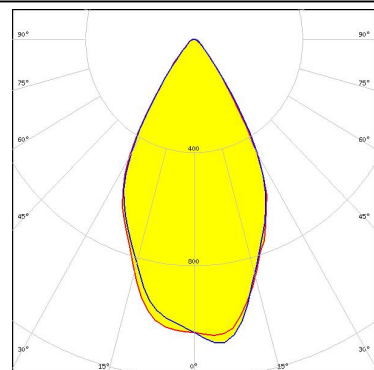
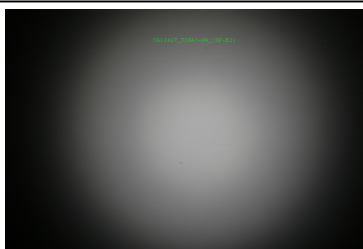
PHOTOMETRIC DATA (MEASURED):



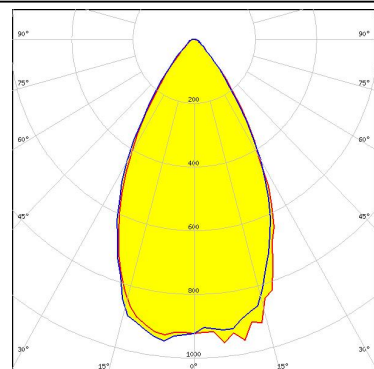
LED XHP35 HI
FWHM 60.0°
Efficiency 92 %
Peak intensity 0.900 cd/lm
Required components:



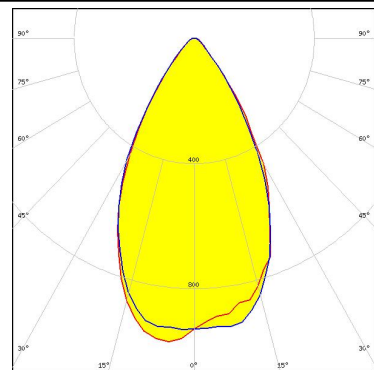
LED XP-E2
FWHM 58.0°
Efficiency 89 %
Peak intensity 1.100 cd/lm
Required components:



LED XP-G
FWHM 58.0°
Efficiency 89 %
Peak intensity 1.000 cd/lm
Required components:



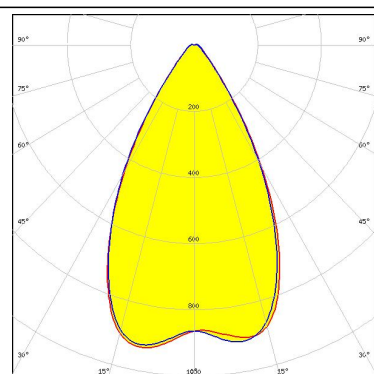
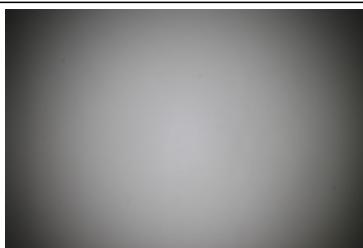
LED XP-G2
FWHM 59.0°
Efficiency 90 %
Peak intensity 0.900 cd/lm
Required components:



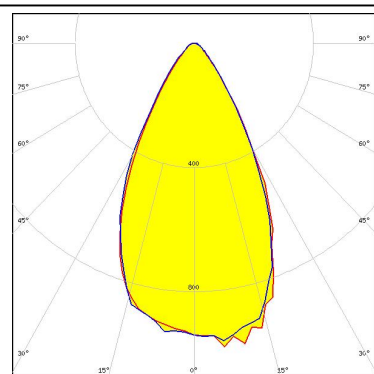
PHOTOMETRIC DATA (MEASURED):



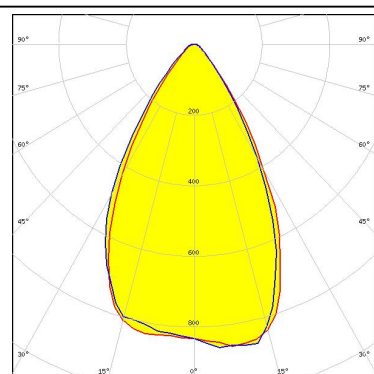
LED XP-L HI
FWHM 58.0°
Efficiency 92 %
Peak intensity 0.940 cd/lm
Required components:



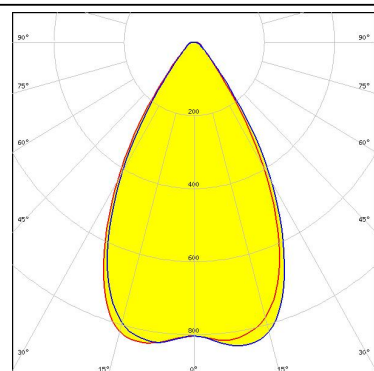
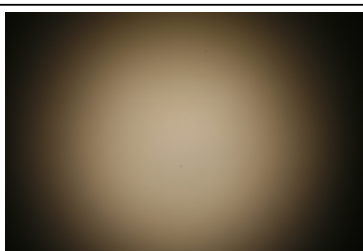
LED XT-E
FWHM 56.0°
Efficiency 87 %
Peak intensity 1.000 cd/lm
Required components:



LED LUXEON A
FWHM 58.0°
Efficiency 89 %
Peak intensity 0.900 cd/lm
Required components:



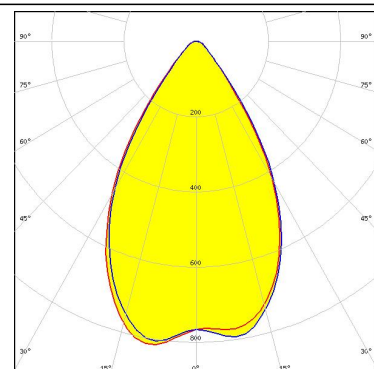
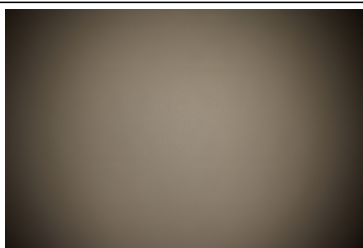
LED LUXEON T
FWHM 61.0°
Efficiency 87 %
Peak intensity 0.900 cd/lm
Required components:



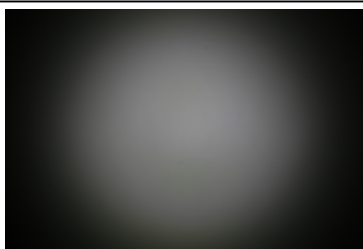
PHOTOMETRIC DATA (MEASURED):



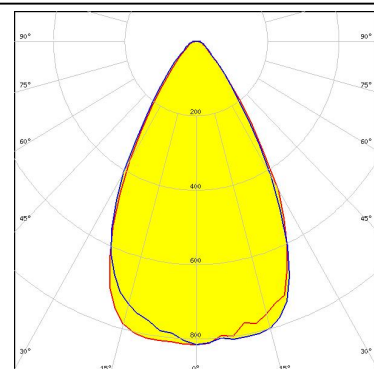
LED LUXEON TX
FWHM 63.0°
Efficiency 87 %
Peak intensity 0.820 cd/lm
Required components:



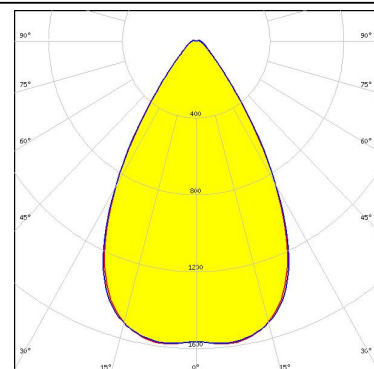
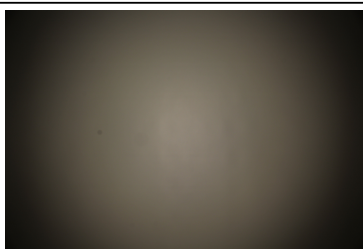
LED NF2x757A
FWHM 60.0°
Efficiency 85 %
Peak intensity 0.860 cd/lm
Required components:



LED NVSxx19A
FWHM 62.0°
Efficiency 86 %
Peak intensity 0.800 cd/lm
Required components:



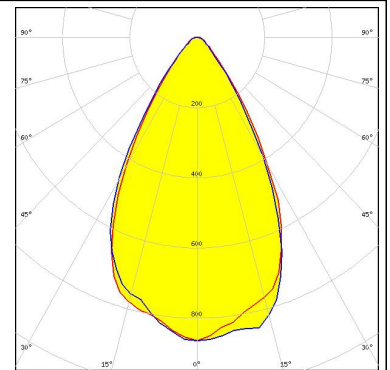
LED NVSxx19B/NVSxx19C
FWHM 62.0°
Efficiency 91 %
Peak intensity 0.820 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

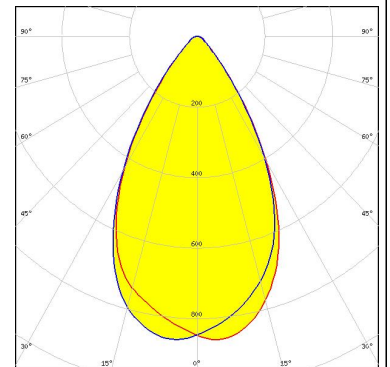
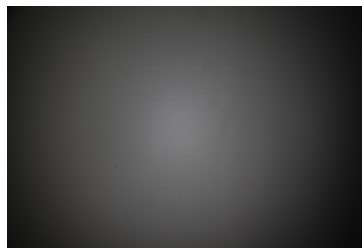
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 58.0°
Efficiency 87 %
Peak intensity 0.900 cd/lm
Required components:



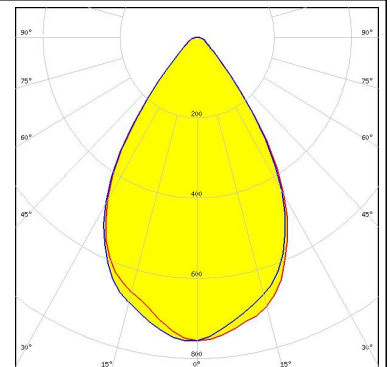
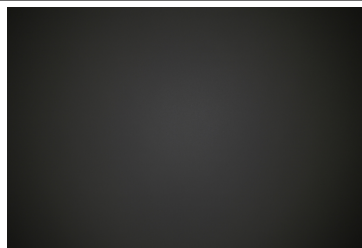
SAMSUNG

LED LH351B
FWHM 59.0°
Efficiency 87 %
Peak intensity 0.900 cd/lm
Required components:



SAMSUNG

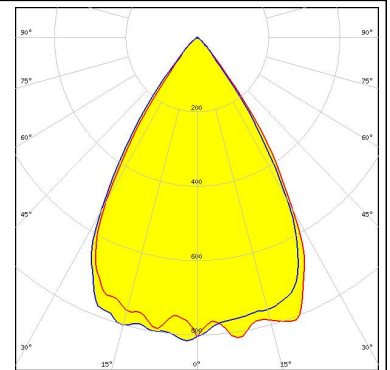
LED LH351Z
FWHM 68.0°
Efficiency 88 %
Peak intensity 0.760 cd/lm
Required components:



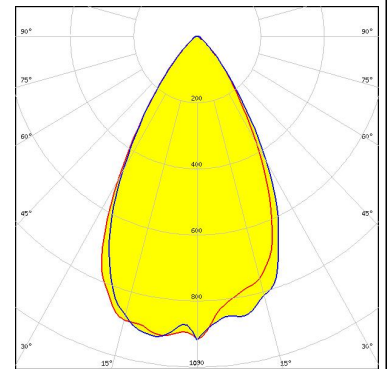
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2
FWHM 64.0°
Efficiency 87 %
Peak intensity 0.850 cd/lm
Required components:



LED NF2x757G
FWHM 57.0°
Efficiency 88 %
Peak intensity 0.950 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.

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