

TINA2-SS

~20° smooth spot beam. Assembly with holder and installation tape.

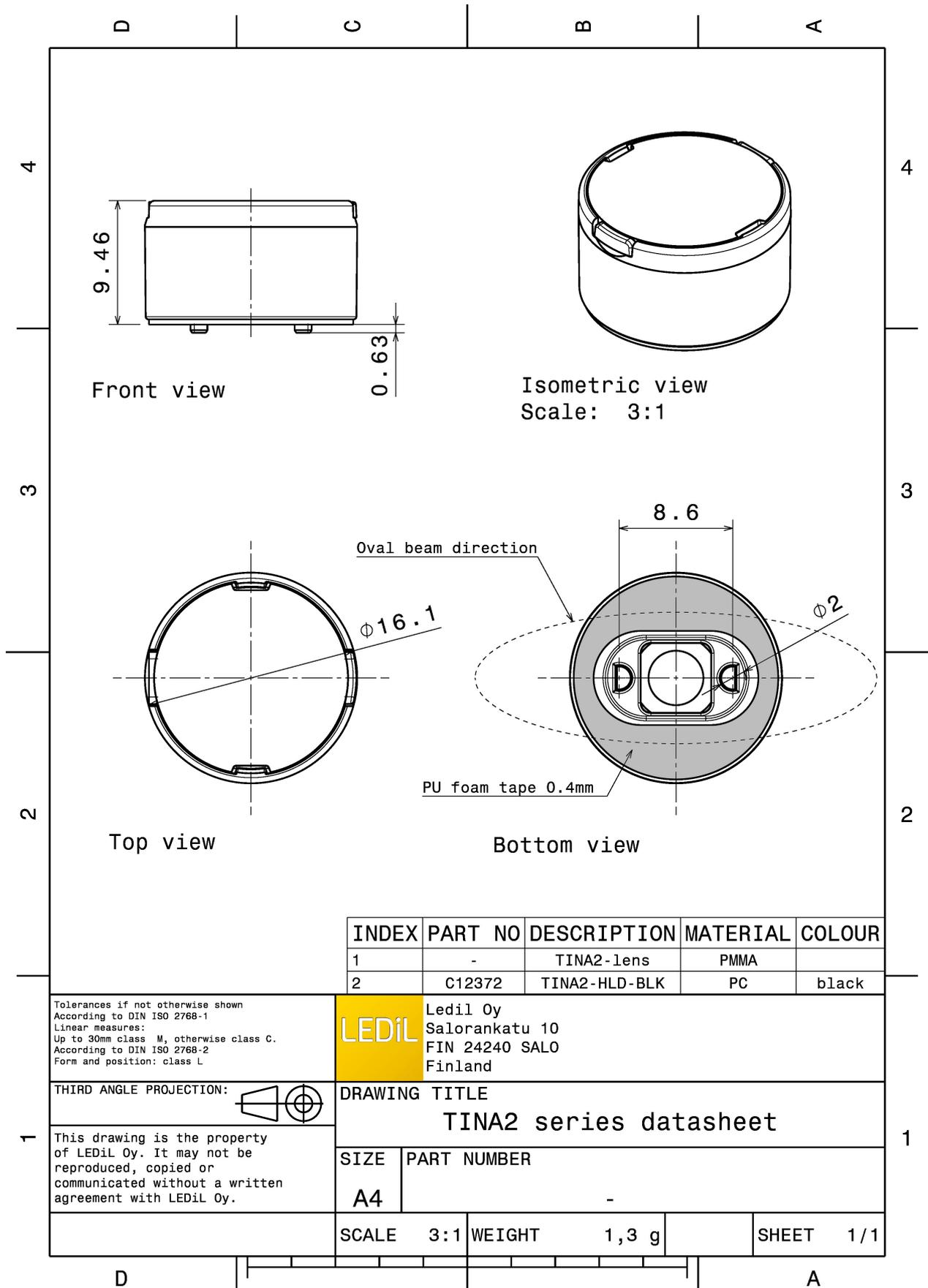
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.3 mm
Fastening	tape, pin
Colour	black
Box size	
Box weight	8.6 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

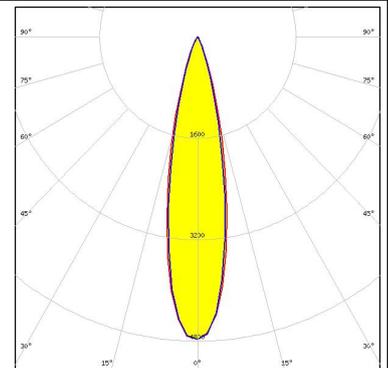
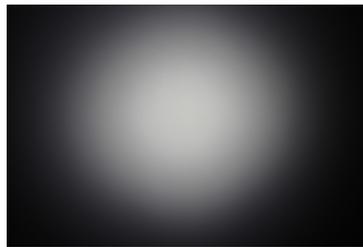
Component	Type	Material	Colour
TINA2-SS	Lens	PMMA	clear
TINA2-HLD-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



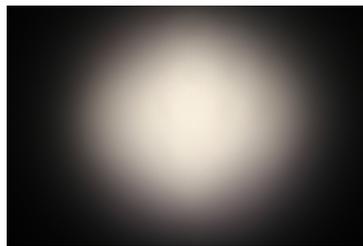
PHOTOMETRIC DATA (MEASURED):



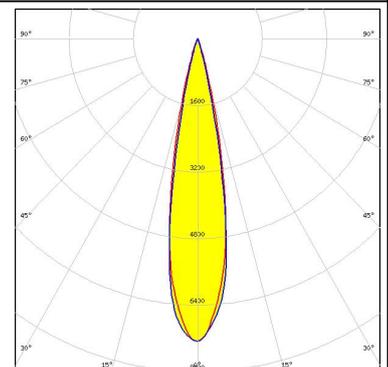
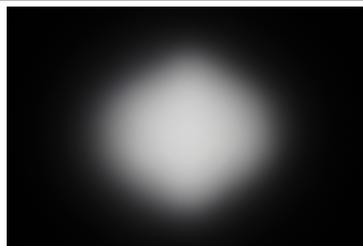
LED XB-H
 FWHM 22.0°
 Efficiency 87 %
 Peak intensity 4.800 cd/lm
 Required components:



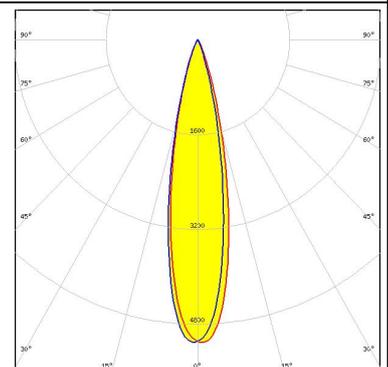
LED XQ-E
 FWHM 22.0°
 Efficiency 85 %
 Peak intensity 6.200 cd/lm
 Required components:



LED LUXEON CZ
 FWHM 20.0°
 Efficiency 91 %
 Peak intensity 7.300 cd/lm
 Required components:



LED LUXEON TX
 FWHM 22.0°
 Efficiency 89 %
 Peak intensity 5.120 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):



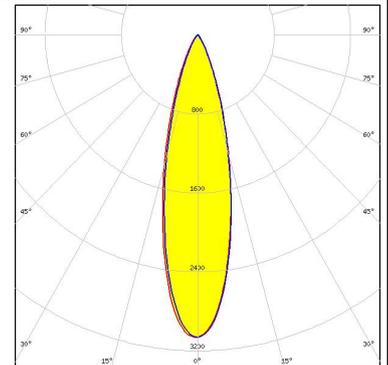
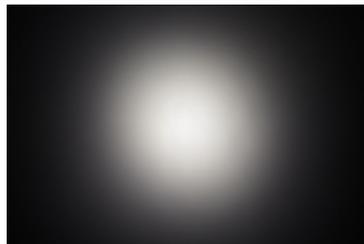
LED LUXEON Z ES
FWHM 21.0°
Efficiency 88 %
Peak intensity 6.900 cd/lm
Required components:



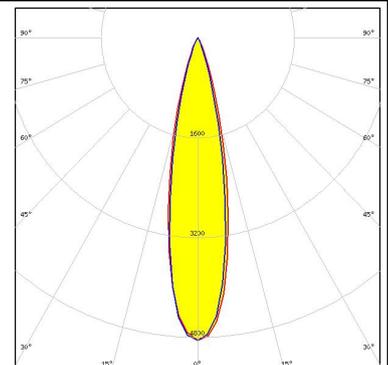
LED NVSxx19B/NVSxx19C
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.500 cd/lm
Required components:



LED NWSx229A
FWHM 26.0°
Efficiency 86 %
Peak intensity 3.100 cd/lm
Required components:



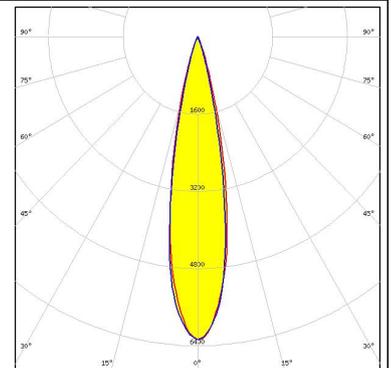
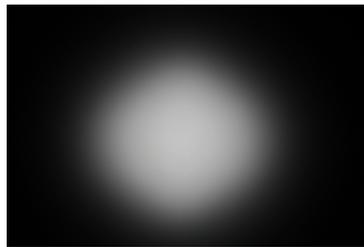
LED Oslon Square EC
FWHM 23.0°
Efficiency 85 %
Peak intensity 4.100 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 22.0°
Efficiency 89 %
Peak intensity 6.300 cd/lm
Required components:



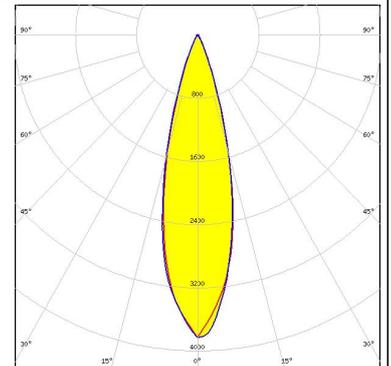
OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 20.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON C
 FWHM 26.0°
 Efficiency 93 %
 Peak intensity 3.800 cd/lm
 Required components:

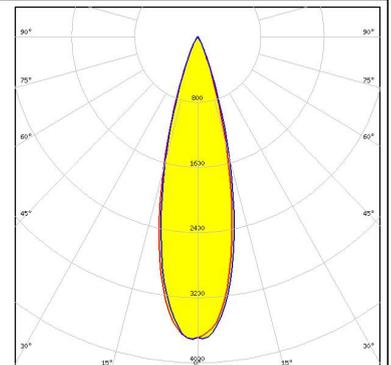


LUMILEDS

LED LUXEON IR Compact
 FWHM 26.0°
 Efficiency 84 %
 Peak intensity 0.000 cd/lm
 Required components:

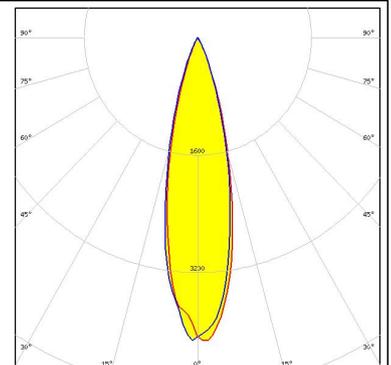
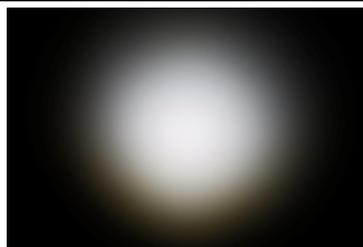
NICHIA

LED NFSx757G
 FWHM 27.0°
 Efficiency 92 %
 Peak intensity 3.740 cd/lm
 Required components:



OSRAM Opto Semiconductors

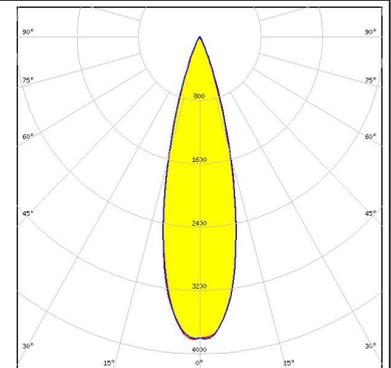
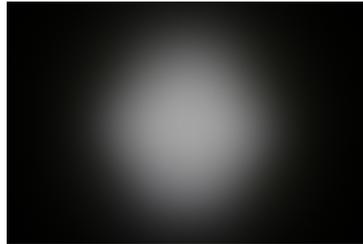
LED Duris S5 (2 chip)
 FWHM 25.0°
 Efficiency 92 %
 Peak intensity 4.130 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Oslon Square Flat
FWHM 27.0°
Efficiency 90 %
Peak intensity 3.850 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 26.0°
Efficiency 91 %
Peak intensity 3.920 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4715S
FWHM 23.0°
Efficiency 92 %
Peak intensity 6.860 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 24.0°
Efficiency 86 %
Peak intensity 4.100 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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