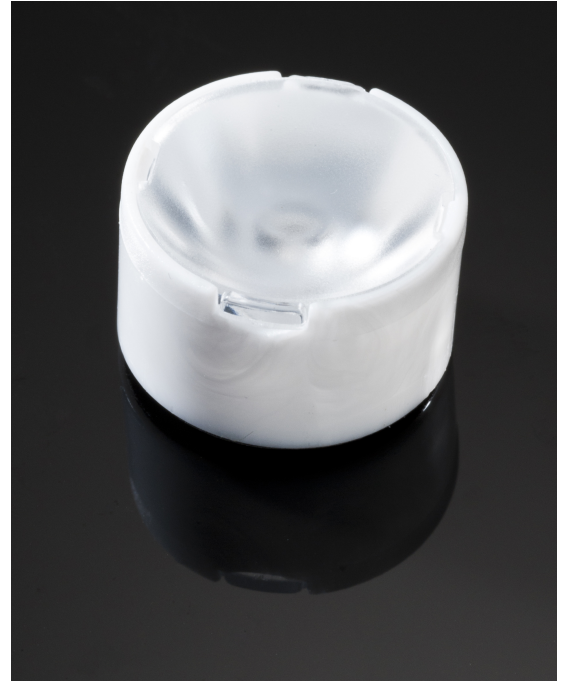


TINA-D

~16° diffused spot beam optimized for CREE
XP-E

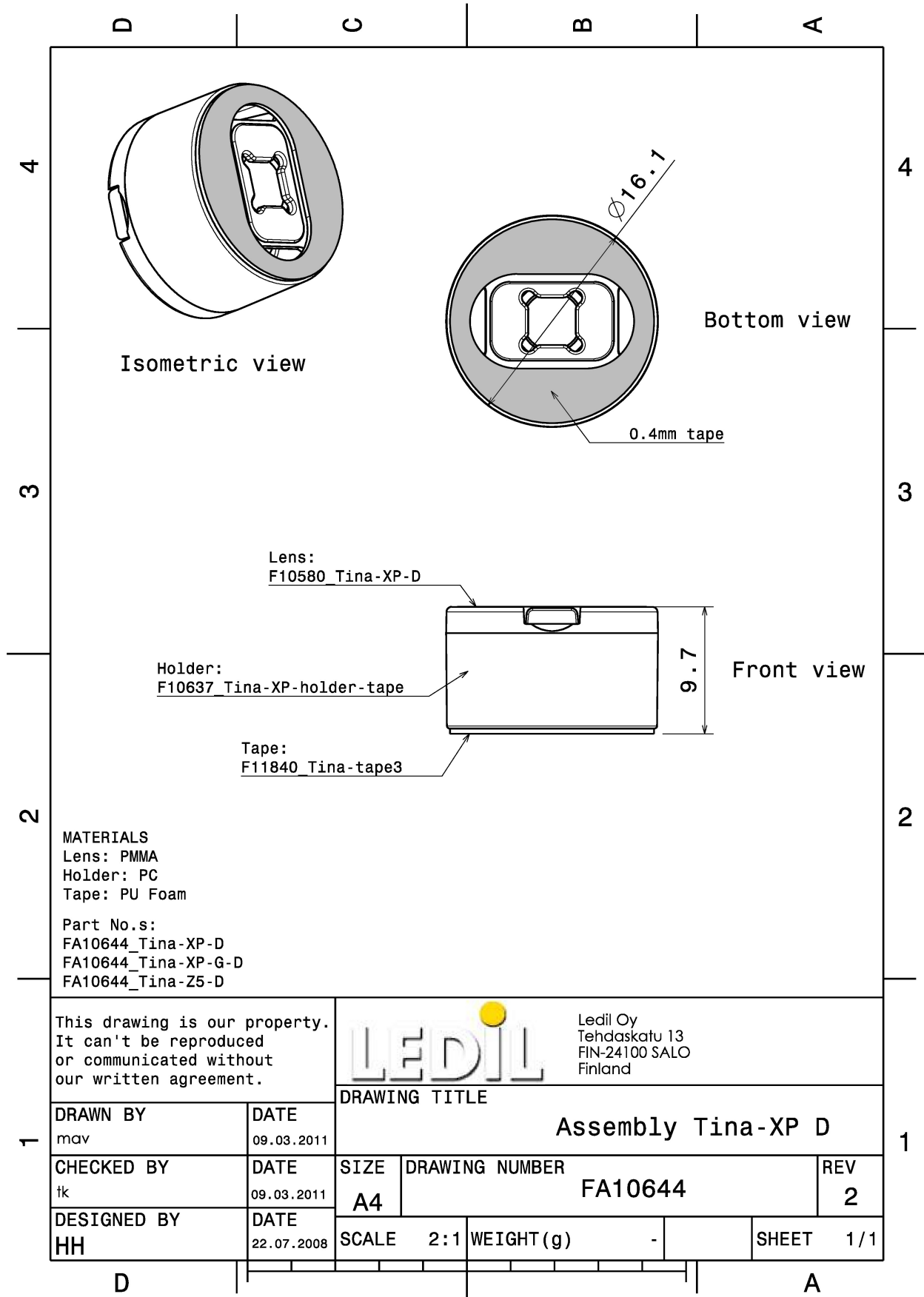
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	4.2 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-D	Single lens	PMMA	clear
TINA-XP-H-TAPE-WHT	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

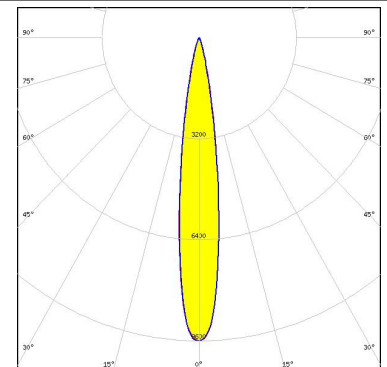
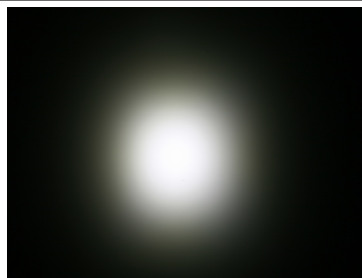
LED XP-E
FWHM 14.0°
Efficiency 93 %
Peak intensity 9.580 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-G
FWHM 20.0°
Efficiency 93 %
Peak intensity 5.130 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE



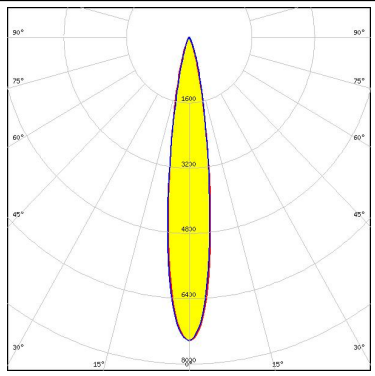

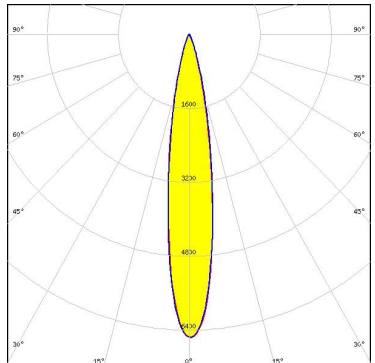
LED XT-E
FWHM 17.0°
Efficiency 94 %
Peak intensity 6.150 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 12.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 16.0° Efficiency 94 % Peak intensity 7.400 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L4 FWHM 17.0° Efficiency 94 % Peak intensity 6.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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