

TINA-WW

~60° wide beam optimized for CREE XP-E.
Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

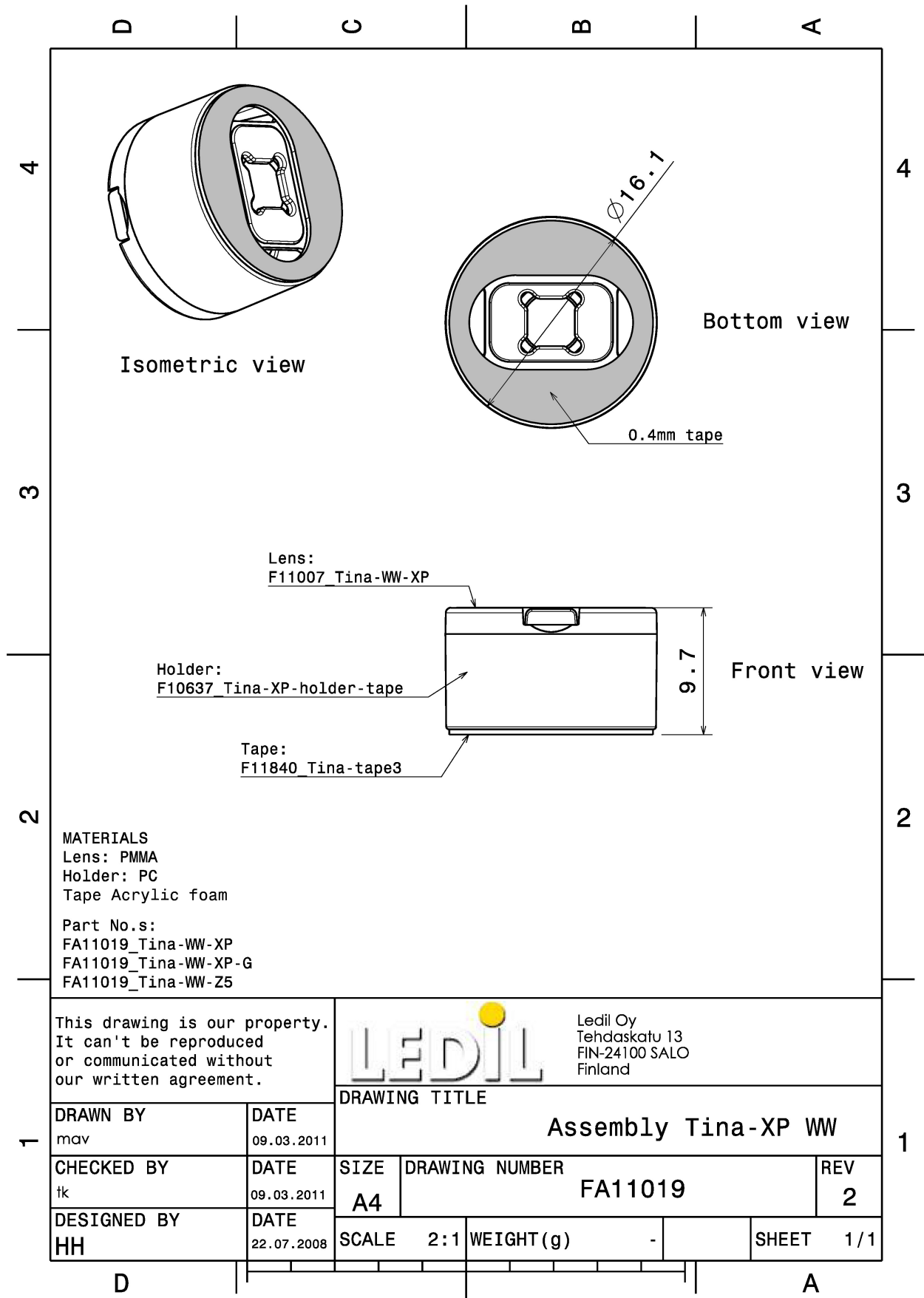


MATERIALS:

Component	Type	Material	Colour	Finish
TINA-WW-XP	Single lens	PMMA	clear	
TINA-XP-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11019_TINA-WW	Single lens	2016	288	144	4.1
» Box size:					



See also our general installation guide: www.ledil.com/installation_guide

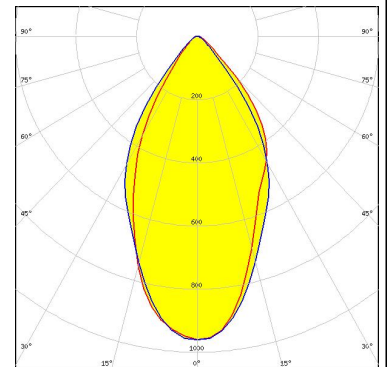
OPTICAL RESULTS (MEASURED):



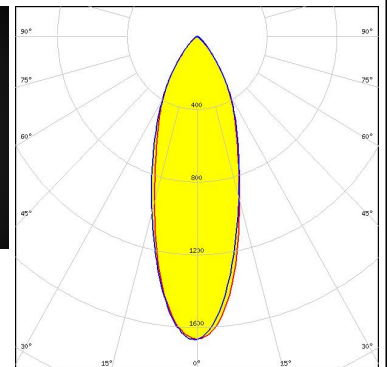
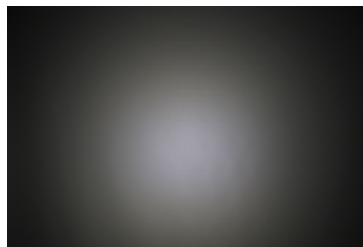
LED XP-E
 FWHM / FWTM 58.0° / 94.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



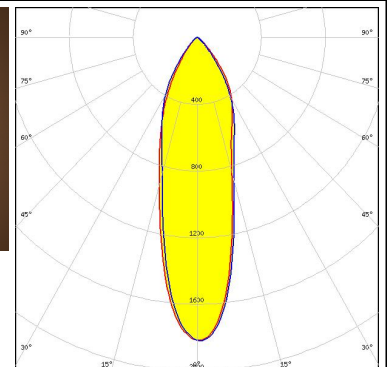
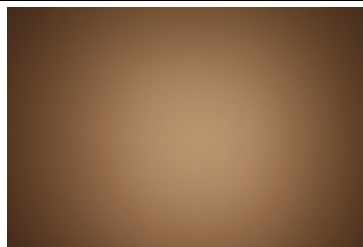
LED XP-G
 FWHM / FWTM 62.0° / 106.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 2835 Line
 FWHM / FWTM 35.0° / 79.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



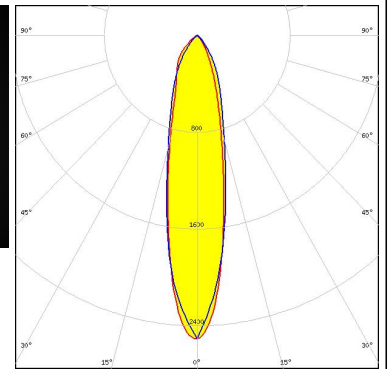
LED LUXEON Z ES
 FWHM / FWTM 29.0° / 78.0°
 Efficiency 91 %
 Peak intensity 1.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



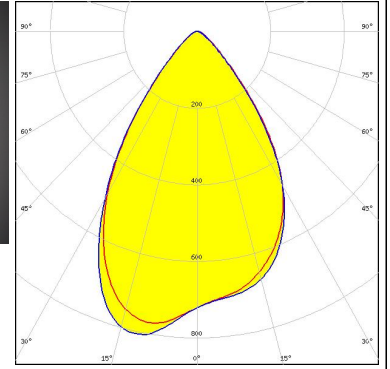
OPTICAL RESULTS (MEASURED):



LED NCSxE17A
FWHM / FWTM 23.0° / 66.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



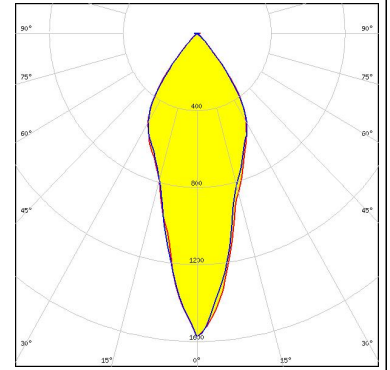
LED LH351B
FWHM / FWTM 67.0° / 98.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



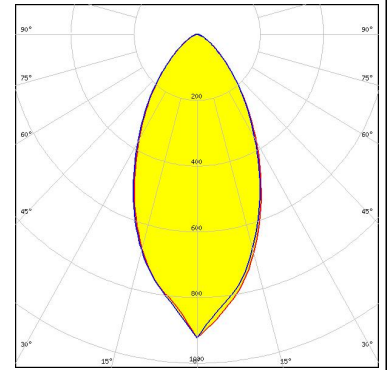
OPTICAL RESULTS (SIMULATED):



LED XQ-E HI
 FWHM / FWTM 32.0° / 82.0°
 Efficiency 96 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM 52.0° / 102.0°
 Efficiency %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEMI SEMICONDUCTOR

LED Z5
 FWHM / FWTM 33.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components: