

LXP2-W

~40° wide beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

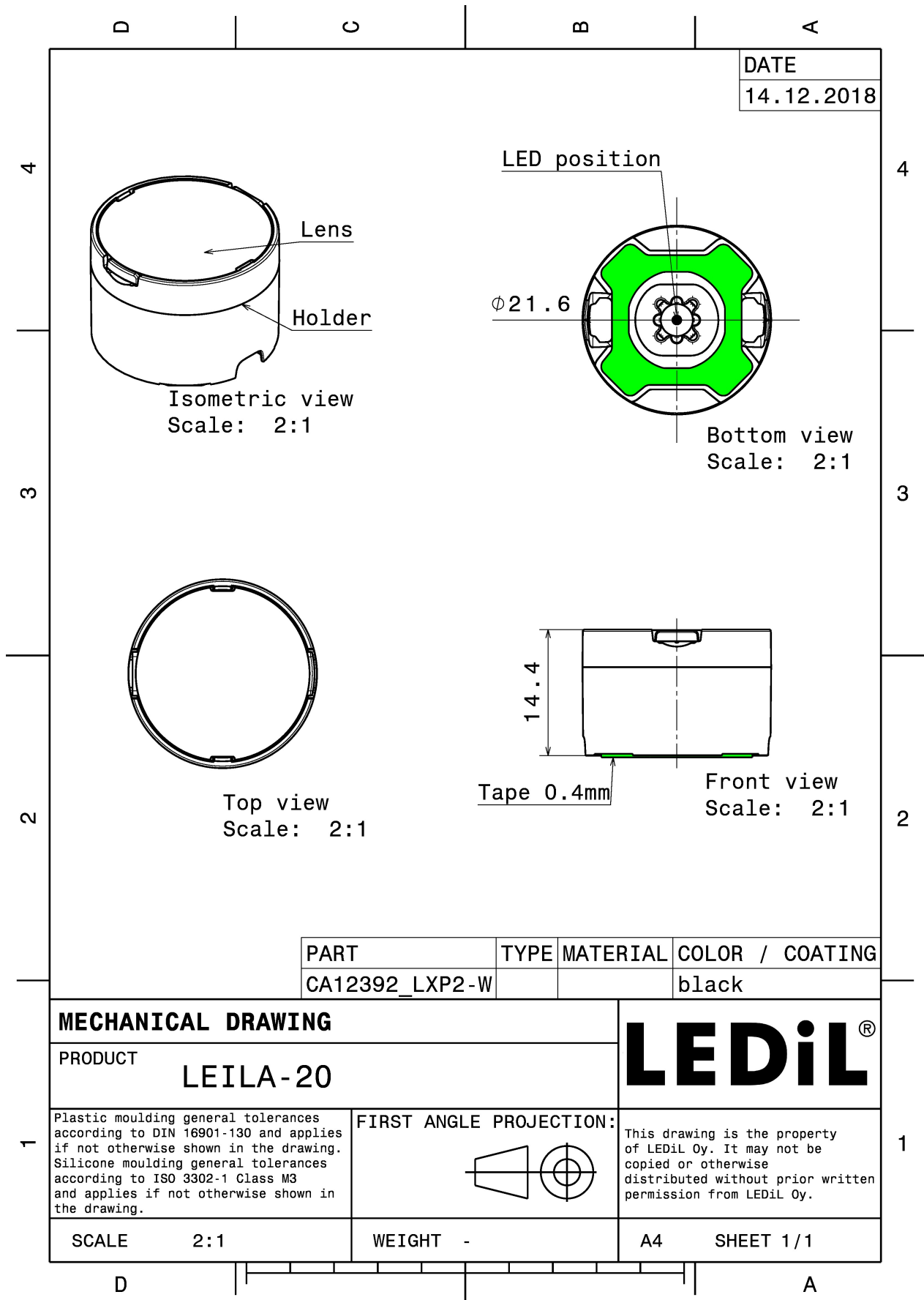


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-W	Single lens	PMMA		
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12392_LXP2-W	Single lens	1680	336	112	9.7
» Box size: 480 x 280 x 300 mm					



DATE
14.12.2018

PART	TYPE	MATERIAL	COLOR / COATING
CA12392_LXP2-W			black

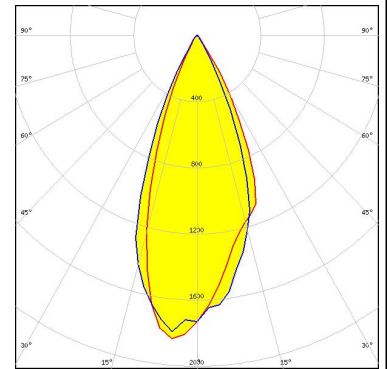
MECHANICAL DRAWING		LEDiL®
PRODUCT LEILA-20		
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	FIRST ANGLE PROJECTION: 	This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.
SCALE 2:1	WEIGHT -	A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

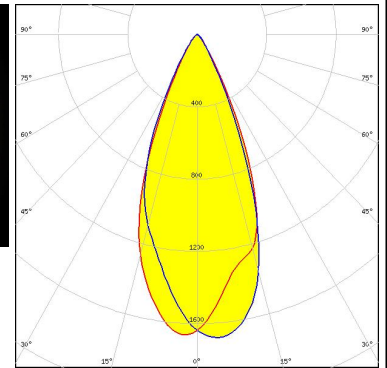
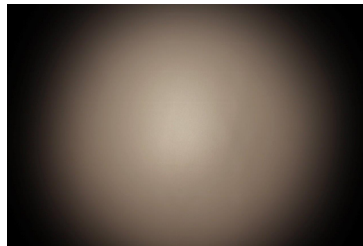
CREE → LED

LED XP-E
 FWHM / FWTM 48.0° / 68.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



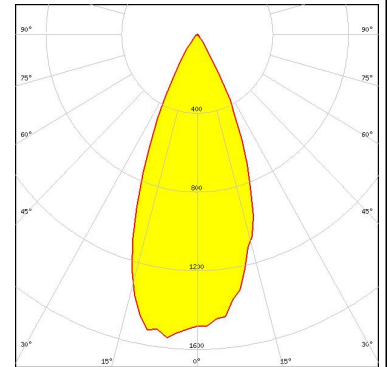
CREE → LED

LED XP-E2
 FWHM / FWTM 43.0° / 65.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



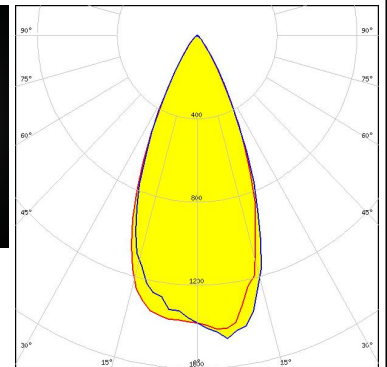
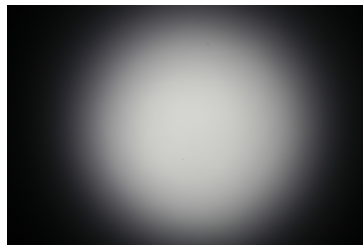
CREE → LED

LED XP-G
 FWHM / FWTM 43.0° / 64.0°
 Efficiency 89 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

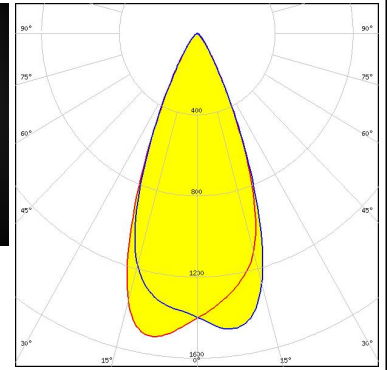
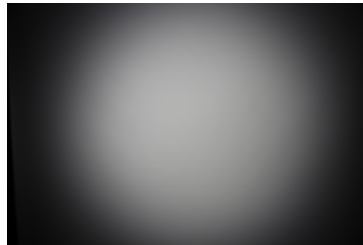
LED XP-G2
 FWHM / FWTM 46.0° / 70.0°
 Efficiency 87 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

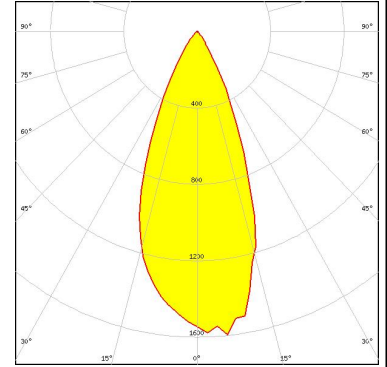
CREE LED

LED XP-L HI
 FWHM / FWTM 44.0° / 67.0°
 Efficiency 84 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



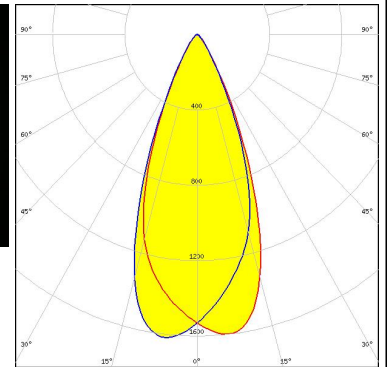
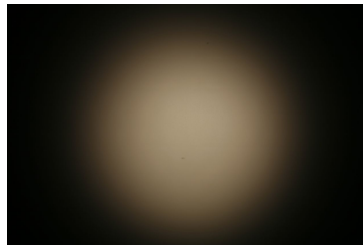
CREE LED

LED XT-E
 FWHM / FWTM 41.0° / 64.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



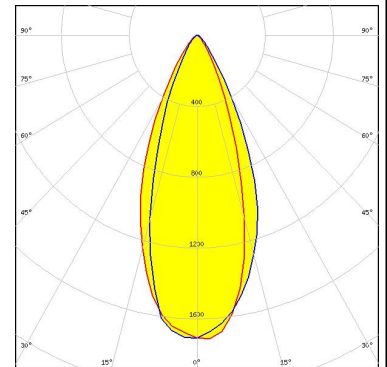
LUMILEDS

LED LUXEON Q
 FWHM / FWTM 42.0° / 66.0°
 Efficiency 85 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM / FWTM 36.0° / 64.0°
 Efficiency 93 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



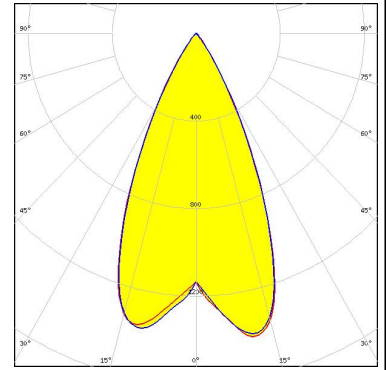
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

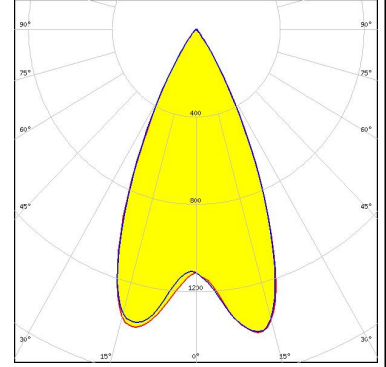
LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM 50.0° / 70.0°
 Efficiency 92 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



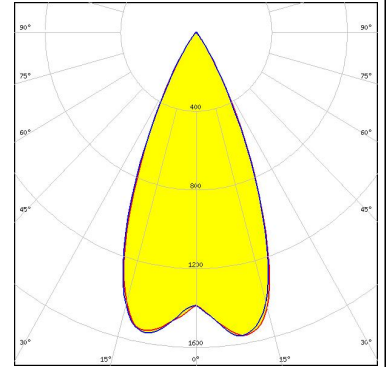
SAMSUNG

LED LH351B
 FWHM / FWTM 49.0° / 68.0°
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEMI SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 44.0° / 65.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 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:

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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