

SIRI-DIFF

~145° wide diffused beam

SPECIFICATION:

Dimensions	13.9 x 13.9 mm
Height	4.9 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

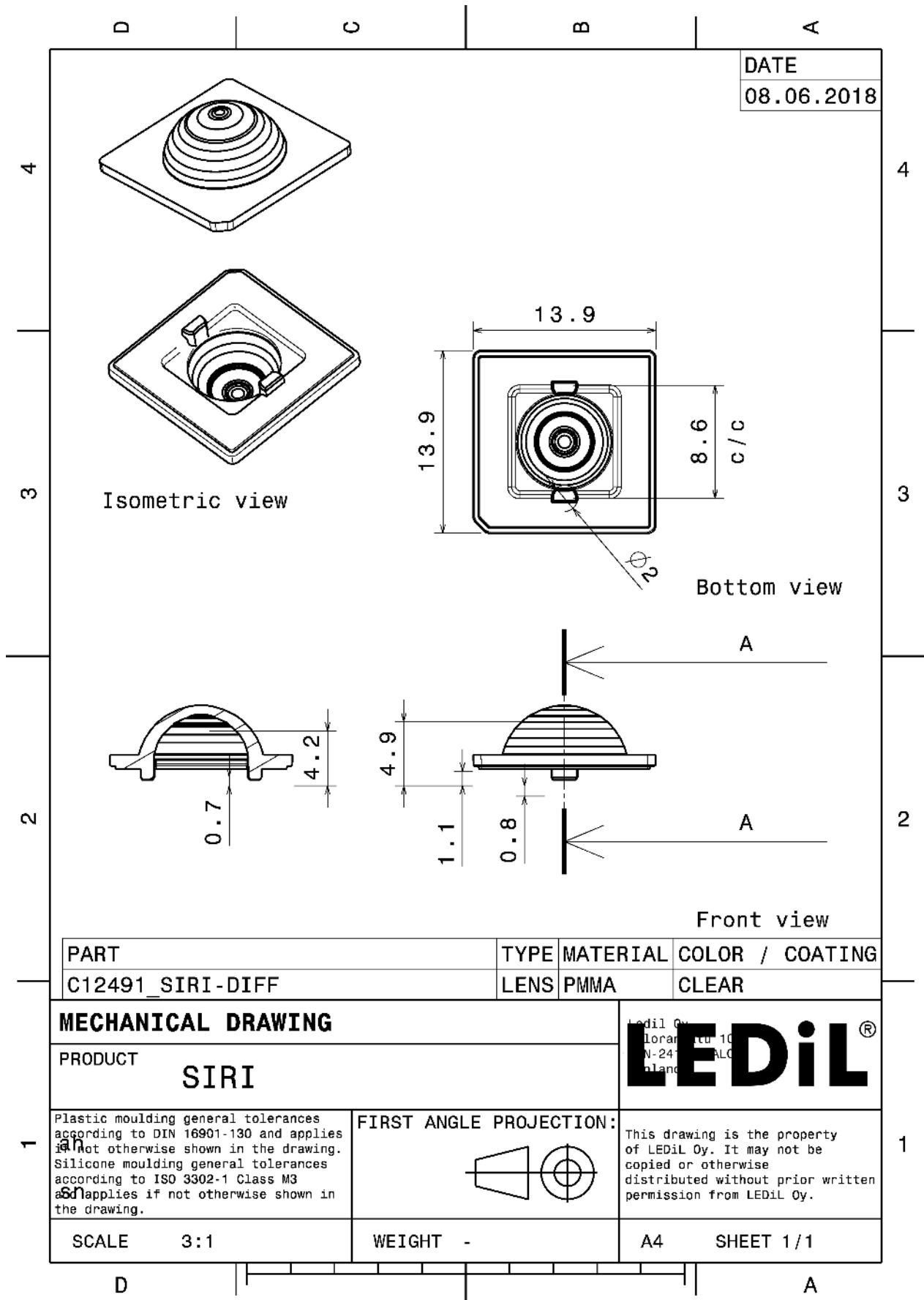


MATERIALS:

Component	Type	Material	Colour	Finish
SIRI-DIFF	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12491_SIRI-DIFF » Box size: 300 x 250 x 250 mm	4560	240	240	3.2



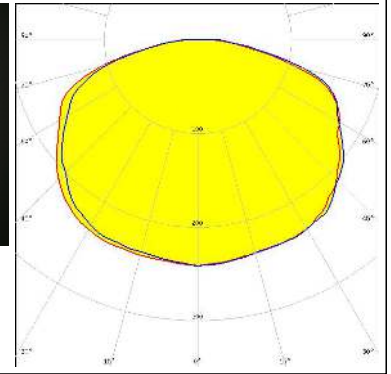
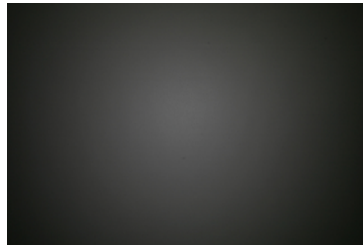
PART		TYPE	MATERIAL	COLOR / COATING
C12491_SIRI-DIFF		LENS	PMMA	CLEAR
MECHANICAL DRAWING				
PRODUCT SIRI				
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies 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	3:1	WEIGHT	-	A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):



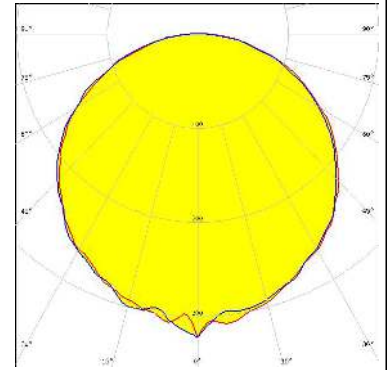
LED XM-L2
FWHM / FWTM 147.0° / 176.0°
Efficiency 94 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

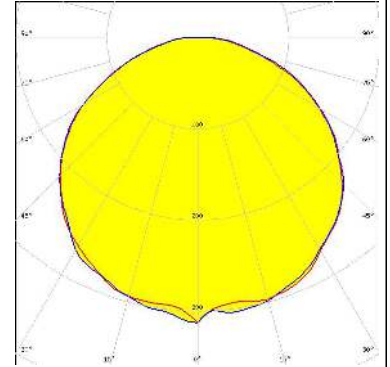
CREE → LED

LED J Series 2835
 FWHM / FWTM 117.0° / 167.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

LED XHP35 HD
 FWHM / FWTM 117.0° / 167.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

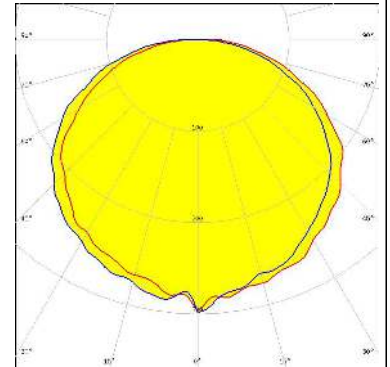


CREE → LED

LED XM-L
 FWHM / FWTM 120.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

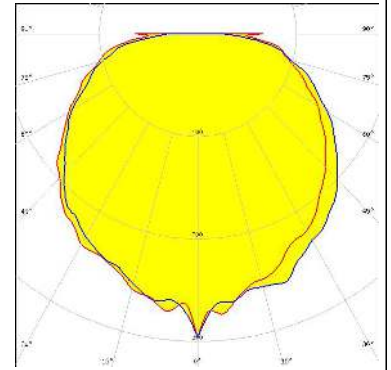
LED XP-G2
 FWHM / FWTM 124.0° / 172.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



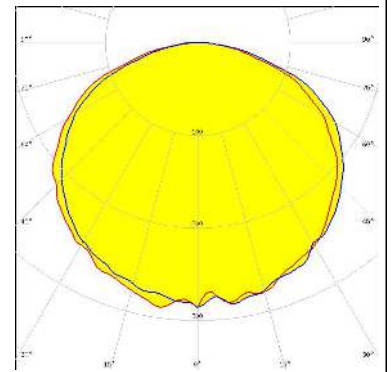
OPTICAL RESULTS (SIMULATED):



LED XT-E
FWHM / FWTM 120.0° / 181.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 127.0° / 166.0°
Efficiency 95 %
Peak intensity 0.3 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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