

SAGA-S-WHT

~30° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	13.7 mm
Fastening	screw
ROHS compliant	yes ⓘ

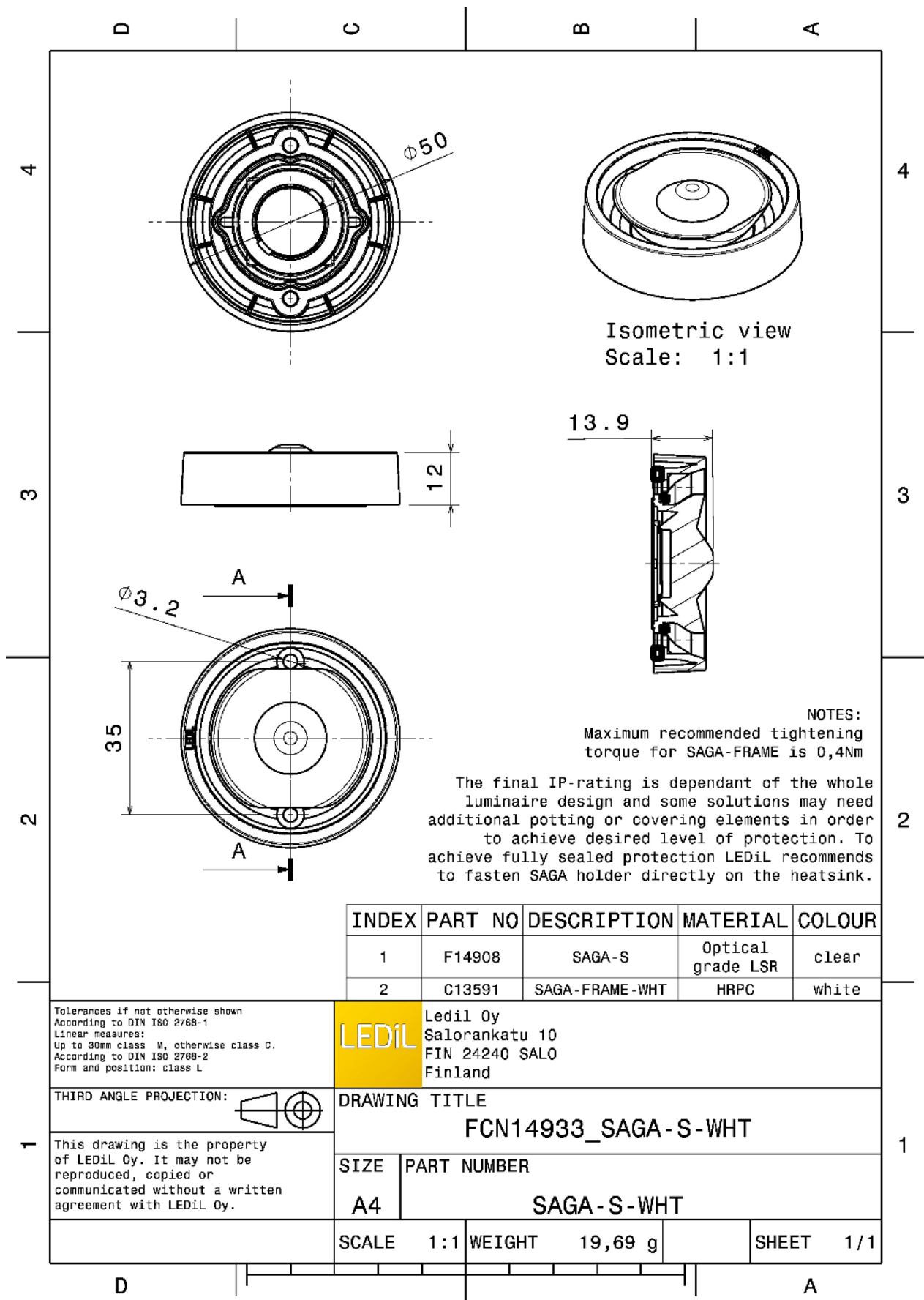
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
SAGA-S	Single lens	Silicone	clear	
SAGA-FRAME-WHT	Holder	HRCPC		



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCA14933_SAGA-S-WHT » Box size: 480 x 280 x 300 mm	Single lens	630	70	35	10.4



NOTES:
 Maximum recommended tightening torque for SAGA-FRAME is 0,4Nm

The final IP-rating is dependant of the whole luminaire design and some solutions may need additional potting or covering elements in order to achieve desired level of protection. To achieve fully sealed protection LEDiL recommends to fasten SAGA holder directly on the heatsink.

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14908	SAGA-S	Optical grade LSR	clear
2	C13591	SAGA-FRAME-WHT	HRPC	white

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 up to 30mm class M, otherwise class C.
 According to DIN ISO 2768-2
 Form and position: class L

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THIRD ANGLE PROJECTION:

DRAWING TITLE
FCN14933_SAGA-S-WHT

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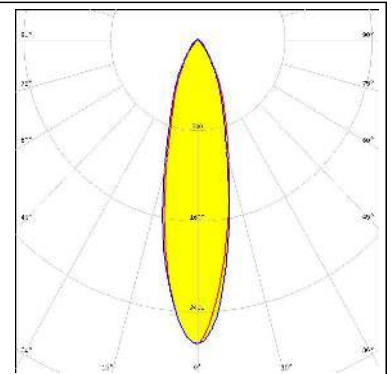
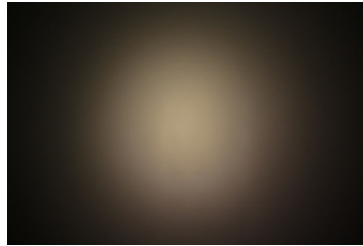
SIZE	PART NUMBER
A4	SAGA-S-WHT

SCALE	1:1	WEIGHT	19,69 g	SHEET	1/1
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PHOTOMETRIC DATA (MEASURED):

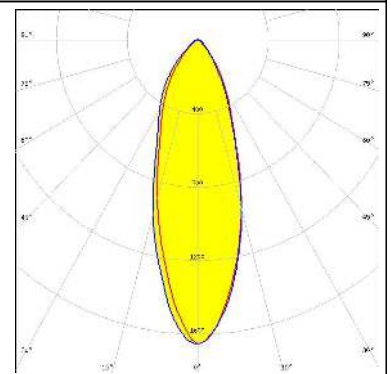
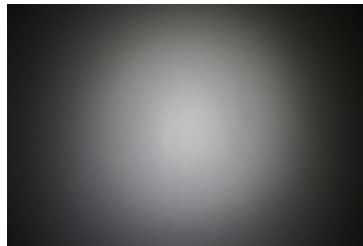
CREE 

LED CXA/B 15xx
FWHM 26.0°
Efficiency 94 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:


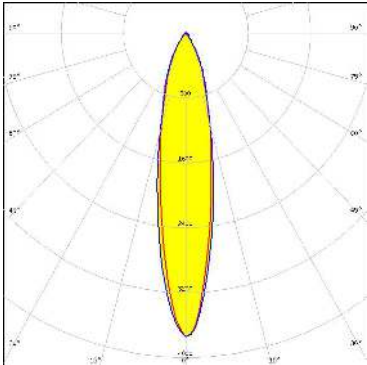

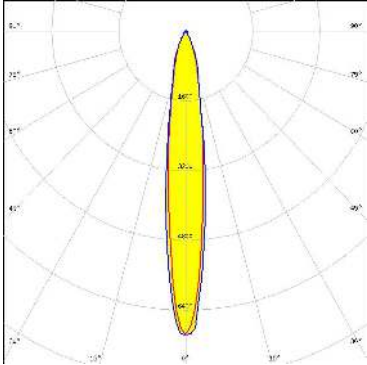
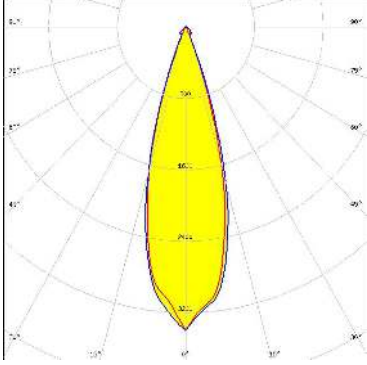
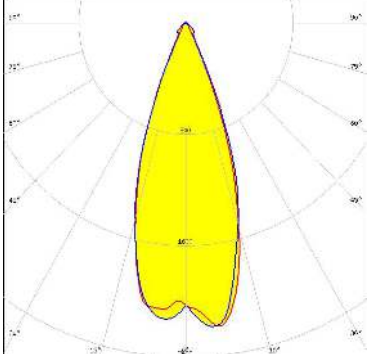


CREE 

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 34.0°
Efficiency 94 %
Peak intensity 1.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



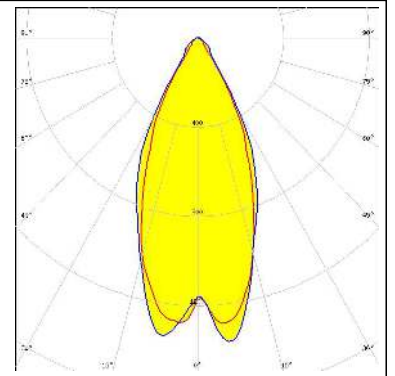
PHOTOMETRIC DATA (SIMULATED):

<p> LED VERO10 FWHM 21.0° Efficiency 97 % Peak intensity 3.754 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> LED CXA/B 13xx FWHM 15.0° Efficiency 94 % Peak intensity 7.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SAMSUNG LED LC010C FWHM 30.0° Efficiency 91 % Peak intensity 3.400 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 479 Typ L6</p>	
<p>SAMSUNG LED LC020C FWHM 36.0° Efficiency 88 % Peak intensity 2.200 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 479 Typ L6</p>	

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LC040C
FWHM 44.0°
Efficiency 87 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 480 Typ L6



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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