ZORYA-SC

~340° omnidirectional decorative beam. Suitable also for UV-C applications.



SPECIFICATION:

Dimensions	Ø 56.0 mm
Height	26.7 mm
Fastening	glue, socket
ROHS compliant	yes

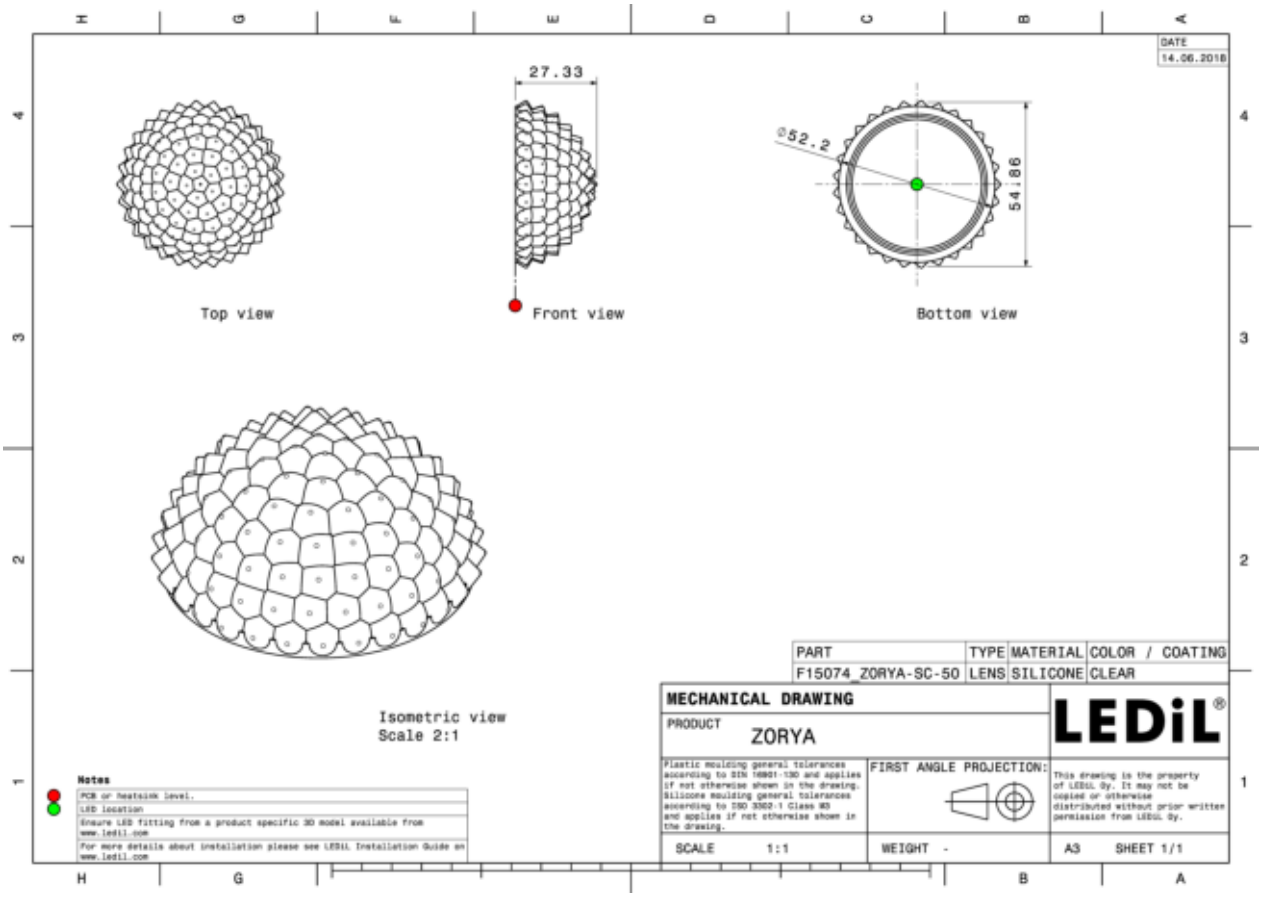
MATERIALS:

Component	Type	Material	Colour	Finish	Length
ZORYA-SC	Single lens	Silicone	clear		56.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15074_ZORYA-SC » Box size: 398 x 298 x 140 mm	140		35	3.0

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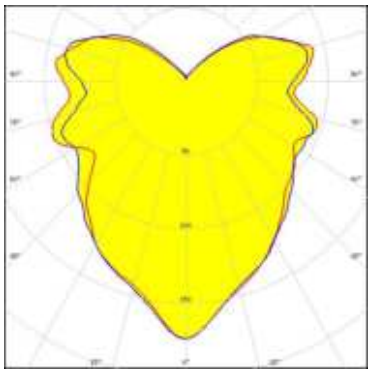
See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (MEASURED):

CITIZEN

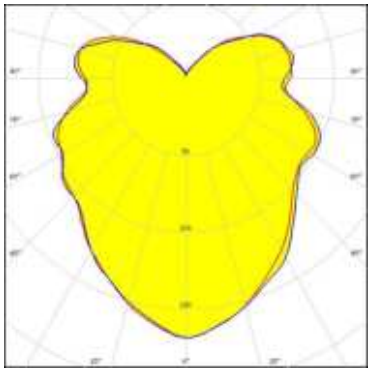
LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	218.0° / 278.0°
Efficiency	94 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 434 Typ L7	



Light distribution files

CITIZEN

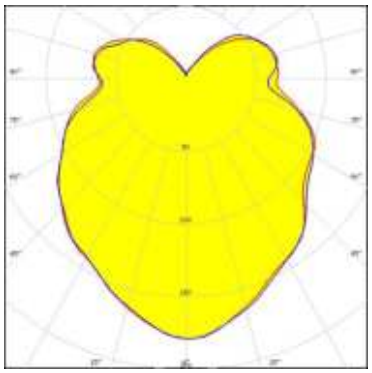
LED	CLL03x/CLU03x
FWHM / FWTM	149.0° / 285.0°
Efficiency	94 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 433 Typ L7	



Light distribution files

CREE LEDs

LED	CXA/B 25xx
FWHM / FWTM	143.0° / 289.0°
Efficiency	94 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 439 Typ L7	



Light distribution files

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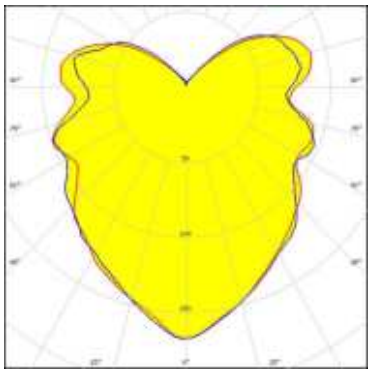
OPTICAL RESULTS (MEASURED):

NICHIA

LED	COB L-Type (LES 11)
FWHM / FWTM	189.0° / 280.0°
Efficiency	94 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

Bender Wirth: 438 Typ L7



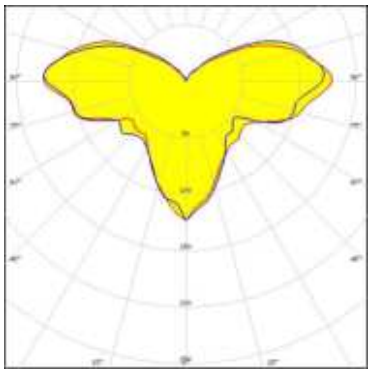
Light distribution files

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OPTICAL RESULTS (SIMULATED):

LUMILEDS

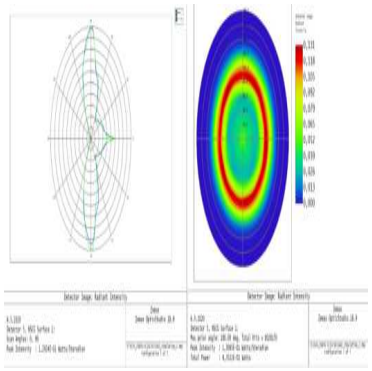
LED	LUXEON 7070
FWHM / FWTM	239.0° / 282.0°
Efficiency	91 %
Peak intensity	0.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NCSU334A
FWHM / FWTM	224.0° / 254.0°
Efficiency	64 %
LEDs/each optic	1
Light colour/type	UV-C
Required components:	

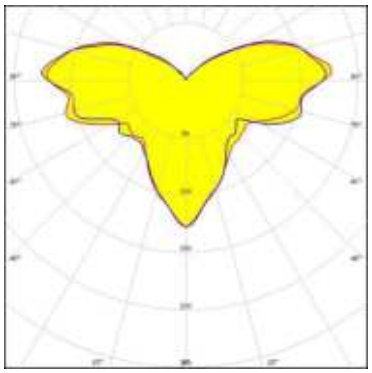


The UVC LED result tolerance is ±10 %

Light distribution files

NICHIA

LED	NF2x757G
FWHM / FWTM	238.0° / 276.0°
Efficiency	90 %
Peak intensity	0.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



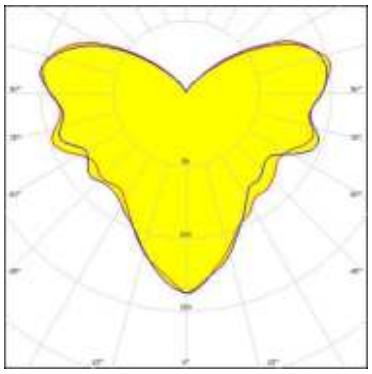
Light distribution files

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OPTICAL RESULTS (SIMULATED):

NICHIA

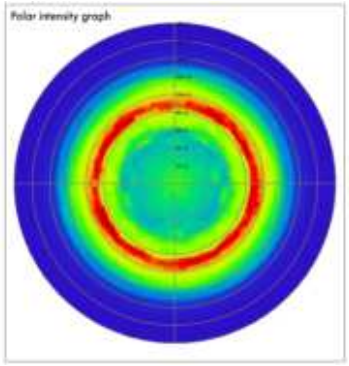
LED	NF2x757G
FWHM / FWTM	238.0° / 280.0°
Efficiency	91 %
Peak intensity	0.1 cd/lm
LEDs/each optic	9
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	CUD8AF4D
FWHM / FWTM	226.0° / 264.0°
Efficiency	59 %
LEDs/each optic	1
Light colour/type	UV-C
Required components:	

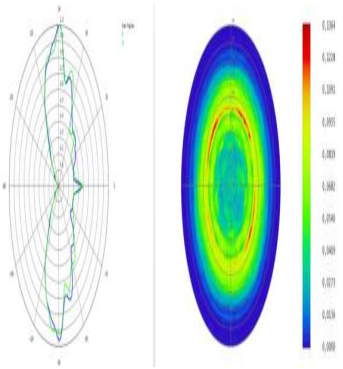


The UVC LED result tolerance is ±10 %

Light distribution files

SEOUL SEMICONDUCTOR

LED	WICOP DY9560-27
FWHM / FWTM	244.0° / 280.0°
Efficiency	61 %
LEDs/each optic	1
Light colour/type	UV-C
Required components:	



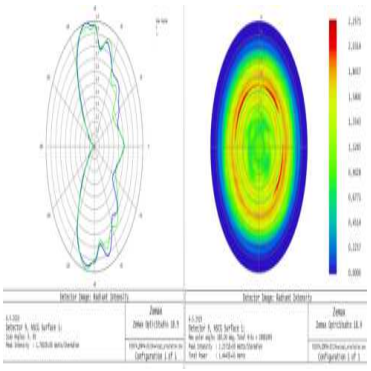
The UVC LED result tolerance is ±10 %

Light distribution files

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OPTICAL RESULTS (SIMULATED):

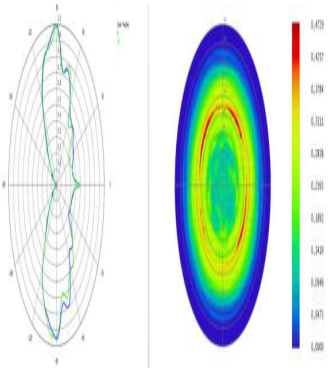
LED	WICOP DY9560-27
FWHM / FWTM	254.0° / 304.0°
Efficiency	58 %
LEDs/each optic	24
Light colour/type	UV-C
Required components:	



The UVC LED result tolerance is ±10 %

Light distribution files

LED	WICOP DY9560-27
FWHM / FWTM	245.0° / 296.0°
Efficiency	60 %
LEDs/each optic	4
Light colour/type	UV-C
Required components:	



The UVC LED result tolerance is ±10 %

Light distribution files

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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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