

STELLA-RS

~25° spot beam. Compatible with up to 30 mm LES size COBs. Variant with black frame.

TECHNICAL SPECIFICATIONS:

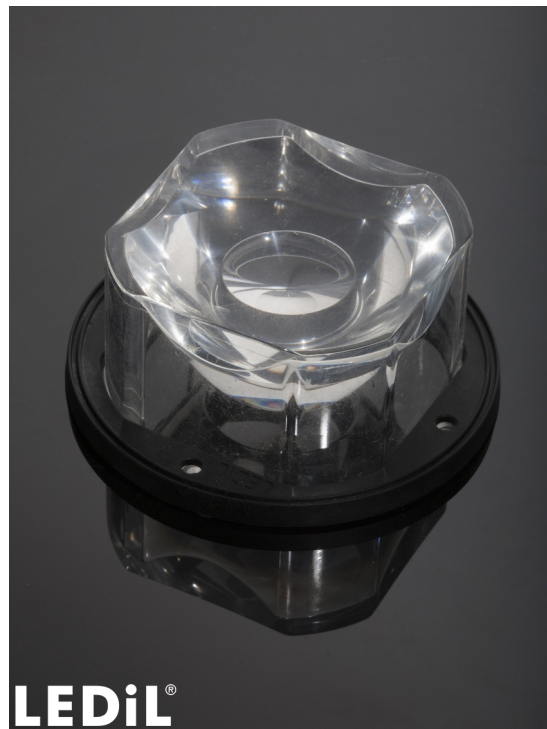
Dimensions	Ø 90.0 mm
Height	39.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

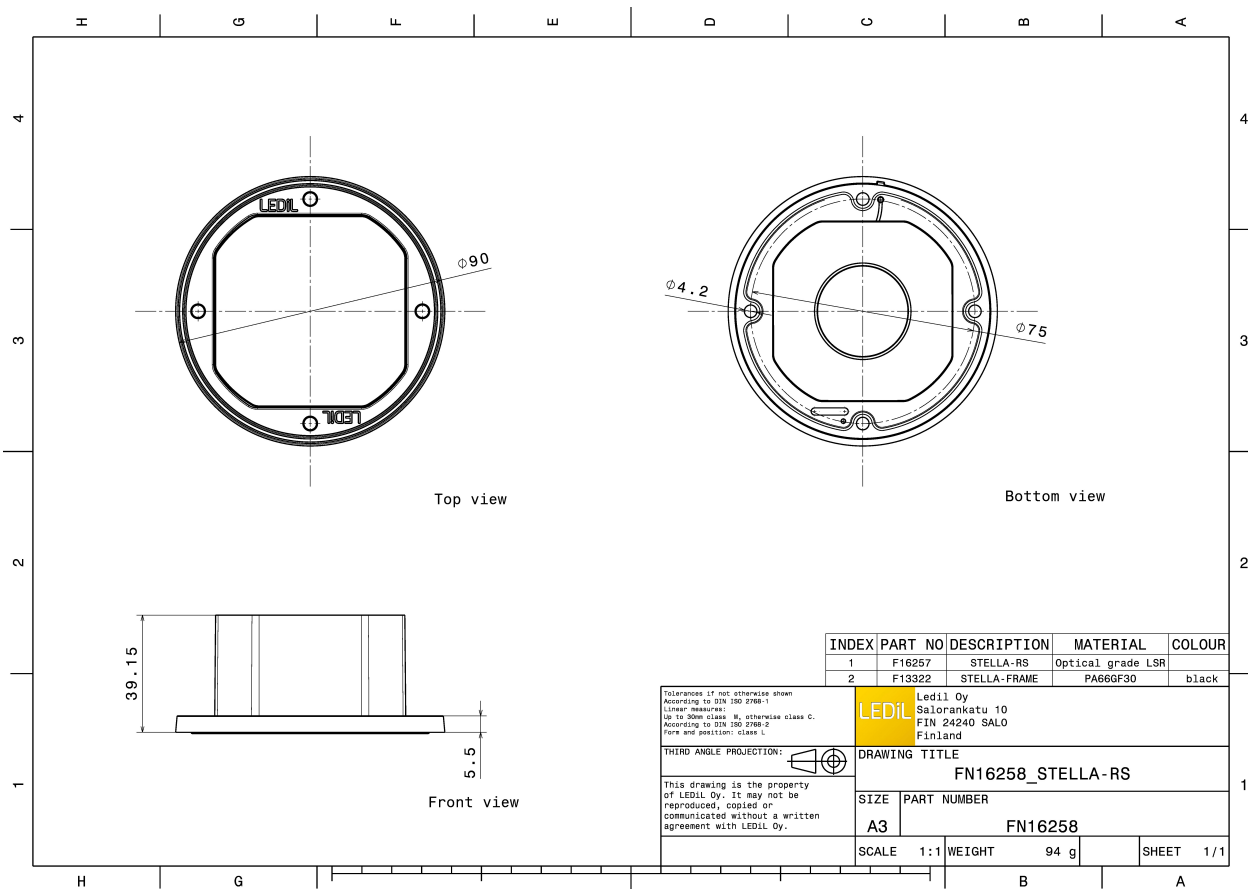
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STELLA-RS	Single lens	Silicone	clear	
STELLA-FRAME	Holder	PA66	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN16258_STELLA-RS	Single lens	90	90	15	9.8
» Box size: 480 x 280 x 300 mm					



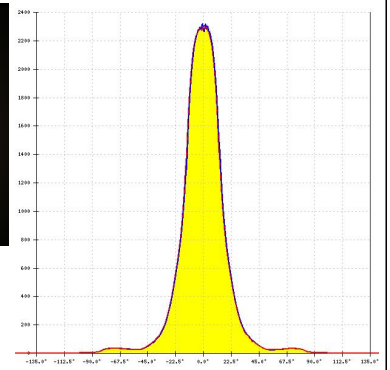
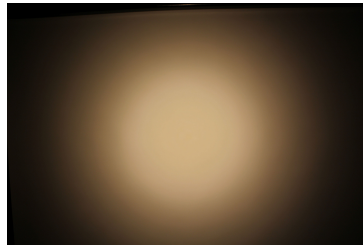


See also our general installation guide: www.ledil.com/installation_guide

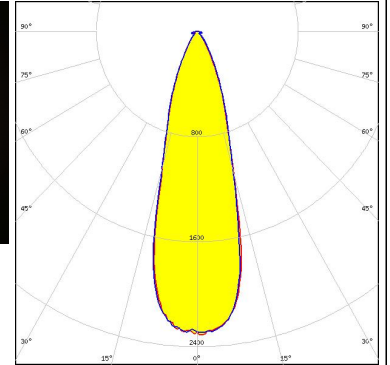
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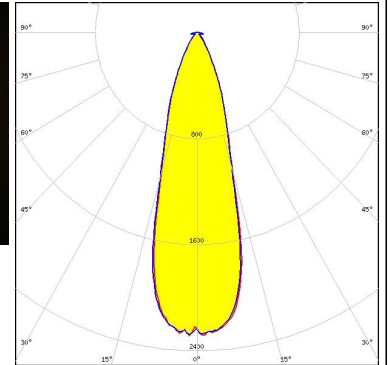
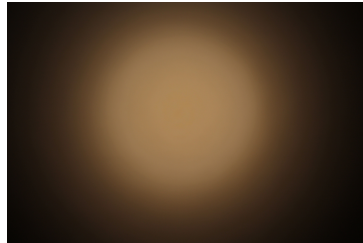
LED V22 Gen7
FWHM / FWTM 29.0° / 60.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213480-1



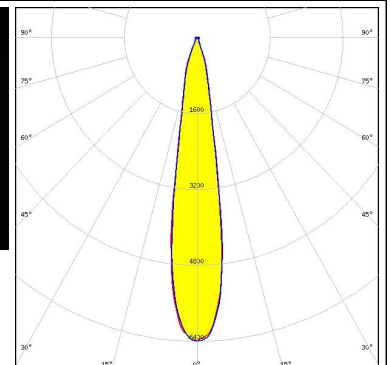
LED V22 Gen7
FWHM / FWTM 29.0° / 59.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 431 Typ Z1



LED V22 Gen7
FWHM / FWTM 29.0° / 59.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



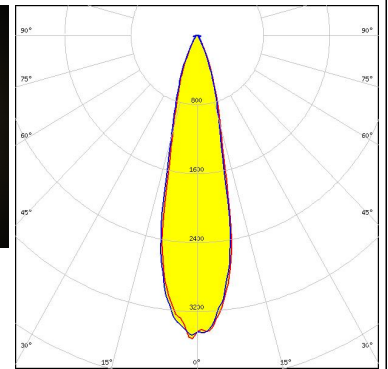
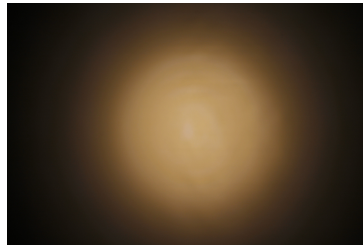
LED VERO13
FWHM / FWTM 18.0° / 38.0°
Efficiency 94 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



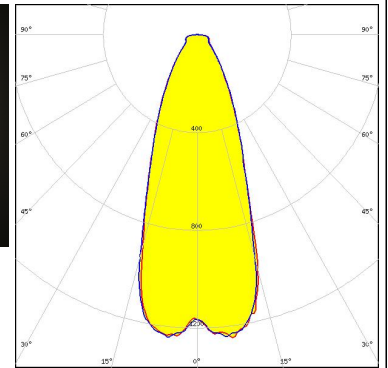
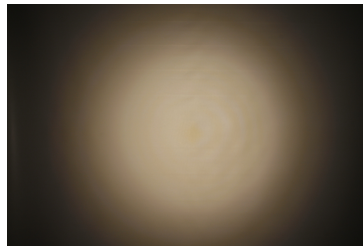
PHOTOMETRIC DATA (MEASURED):



LED VERO18
FWHM / FWTM 24.0° / 49.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

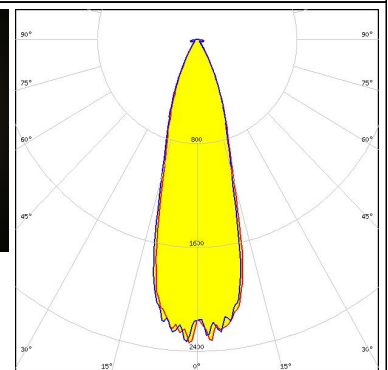
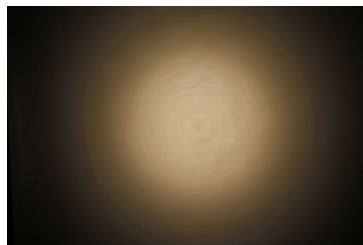


LED VERO29
FWHM / FWTM 39.0° / 84.0°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

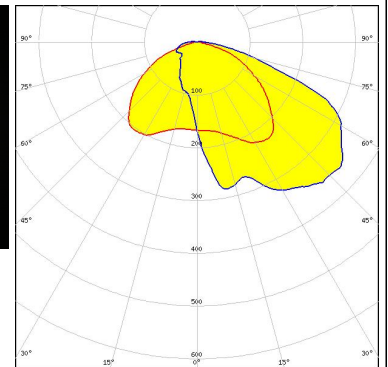
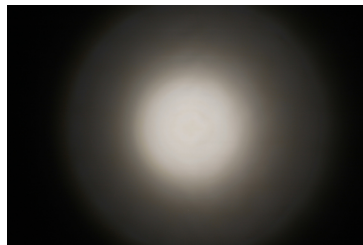


CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 29.0° / 58.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



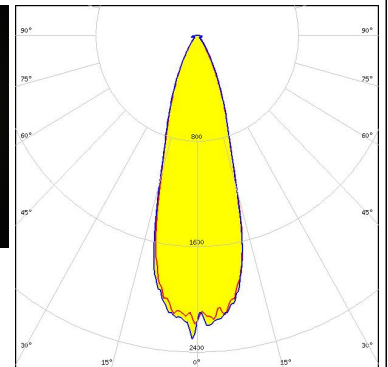
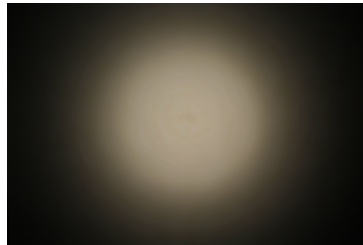
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 18.0° / 38.0°
Efficiency 94 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



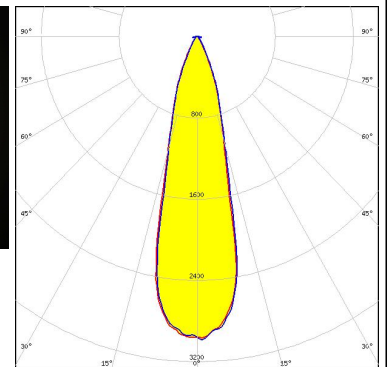
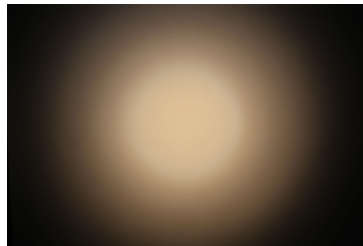
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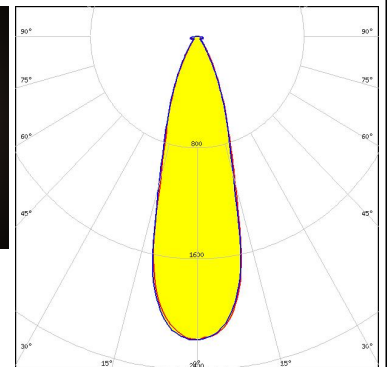
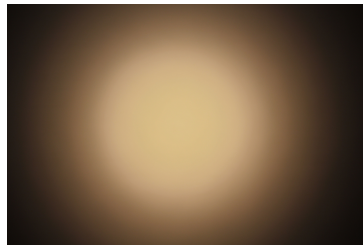
LED CXA/B 30xx
FWHM / FWTM 31.0° / 61.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



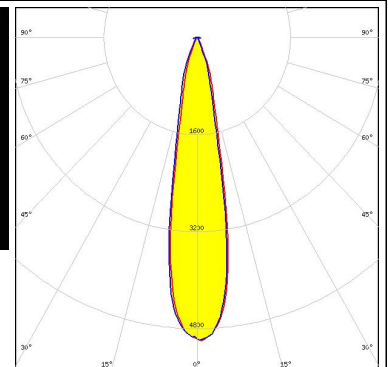
LED LUXEON CoB 1211
FWHM / FWTM 26.0° / 53.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 431 Typ L3



LED COB H-Type
FWHM / FWTM 30.0° / 61.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



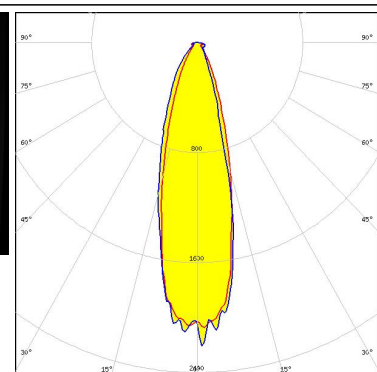
LED COB J-Type
FWHM / FWTM 20.0° / 42.0°
Efficiency 94 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

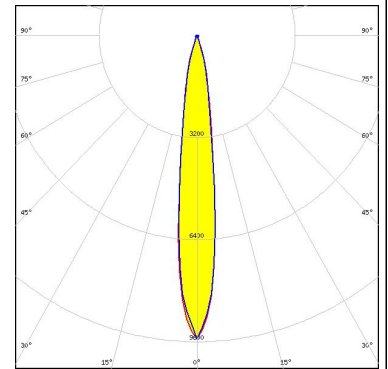
LED LC040D / LC060D / LC080D
 FWHM / FWTM 29.0° / 62.0°
 Efficiency 93 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



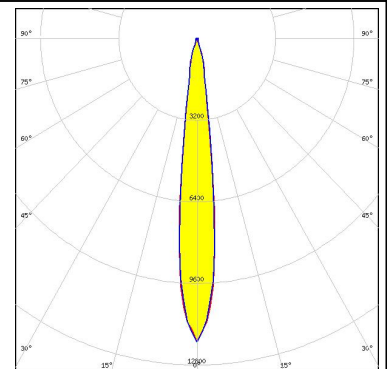
PHOTOMETRIC DATA (SIMULATED):



LED V10 Gen7
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 96 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 486 Typ L1

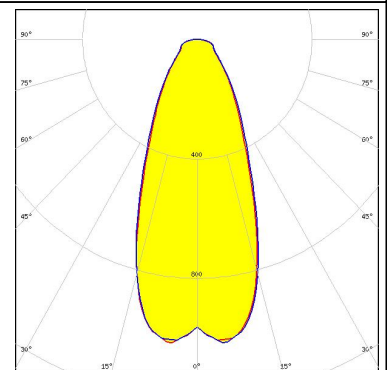


LED VERO10
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 94 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

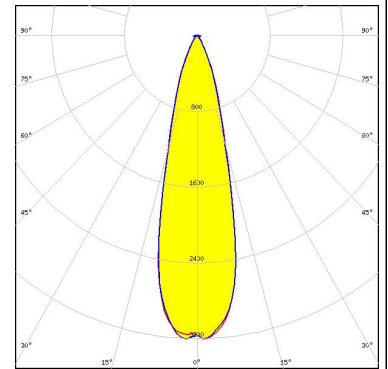


CITIZEN

LED CLL05x/CLU05x
 FWHM / FWTM 43.0° / 98.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



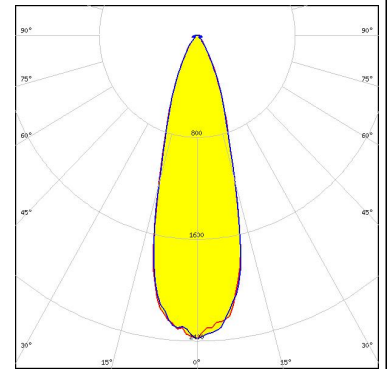
LED CMA2550
 FWHM / FWTM 27.0° / 52.0°
 Efficiency 94 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



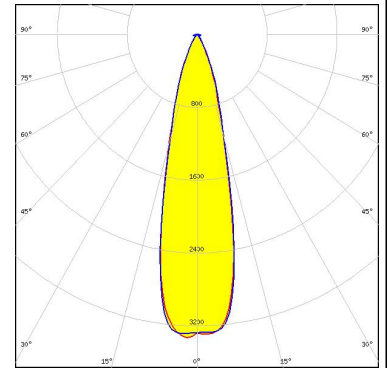
PHOTOMETRIC DATA (SIMULATED):



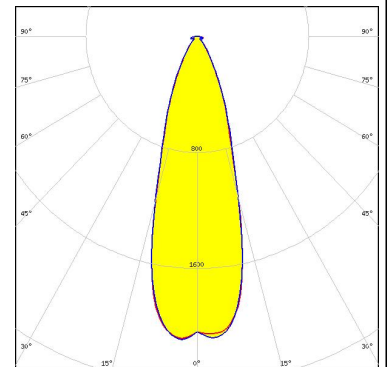
LED CMA3090
FWHM / FWTM 30.0° / 60.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



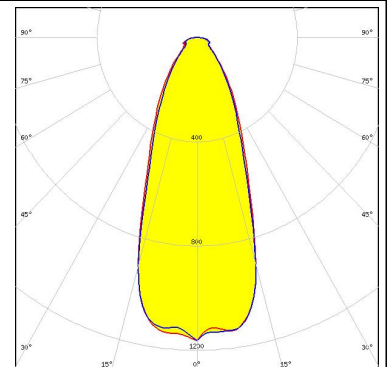
LED CXA/B 25xx
FWHM / FWTM 25.0° / 50.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CoB 1216/1812
FWHM / FWTM 31.0° / 63.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



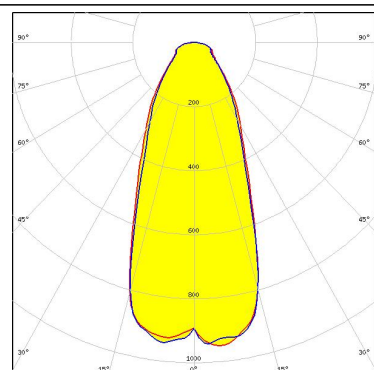
LED LUXEON CoB 1321
FWHM / FWTM 41.0° / 89.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



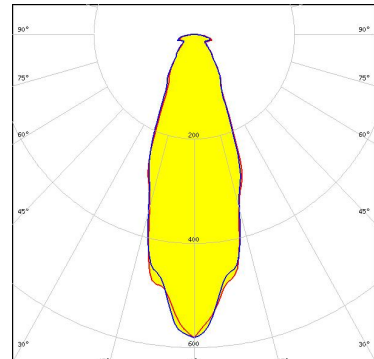
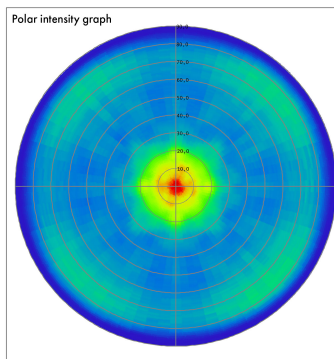
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON CoB 1825
FWHM / FWTM 44.1° / 102.3°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XFM-5050 3 Die
FWHM / FWTM 40.0° / 164.0°
Efficiency 42 %
LEDs/each optic 21
Light colour UV-C
Required components:



The UVC LED result tolerance is ± 10 %

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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