

STELLA-RS

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

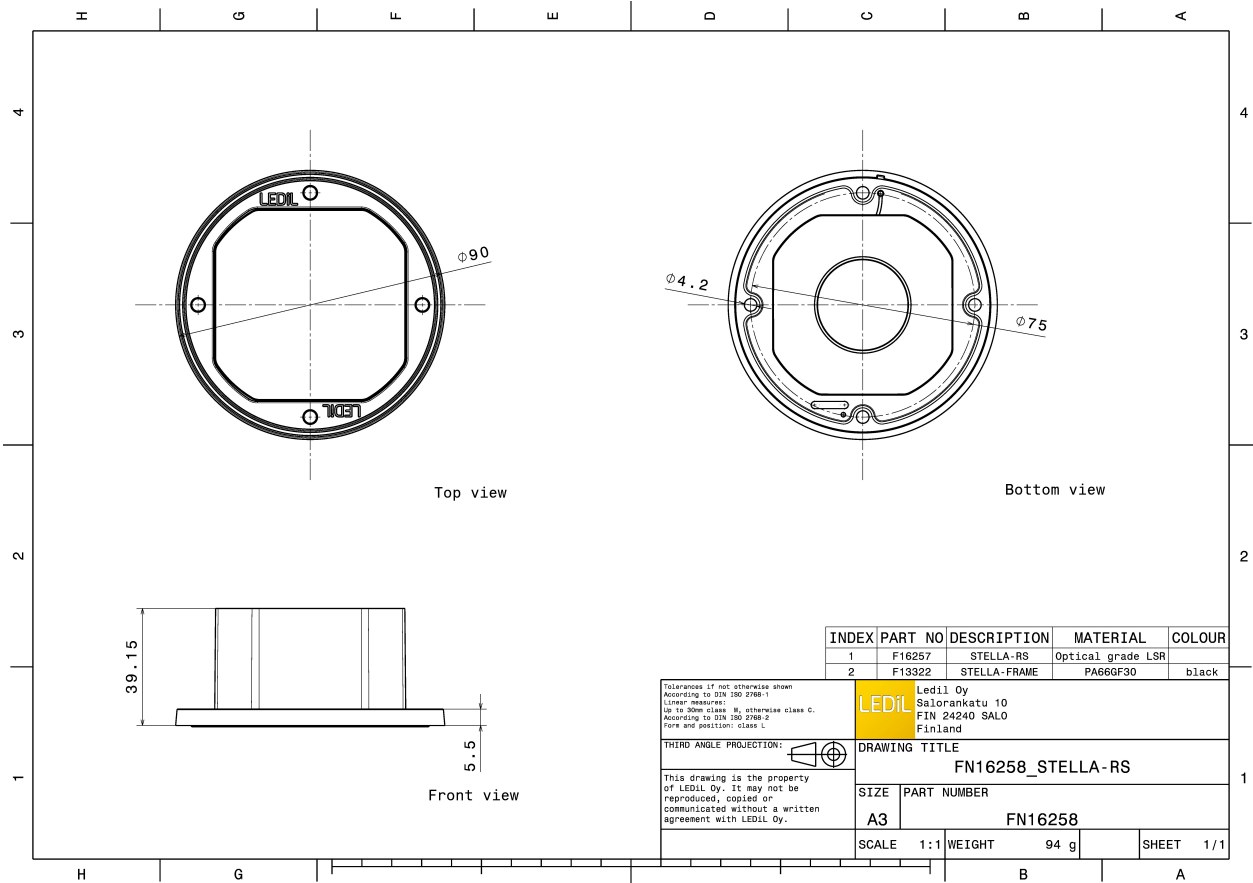
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	39.2 mm
Fastening	screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9.8 kg
Quantity in Box	90 pcs
ROHS compliant	yes ⓘ


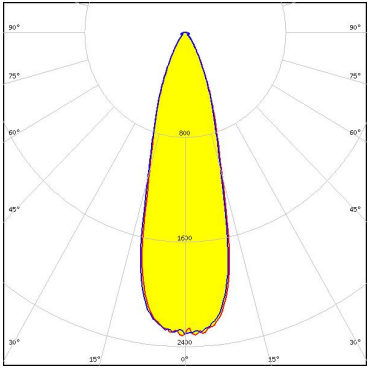
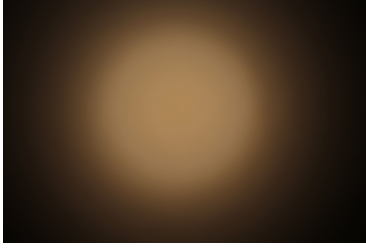
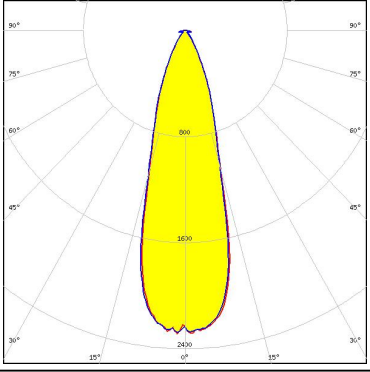

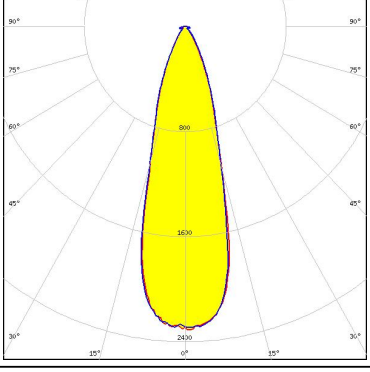

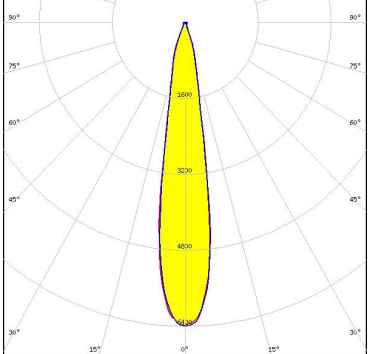


MATERIAL SPECIFICATIONS:

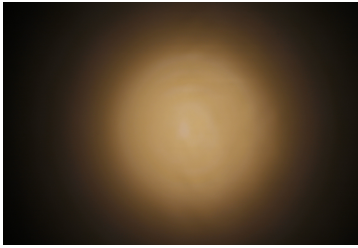
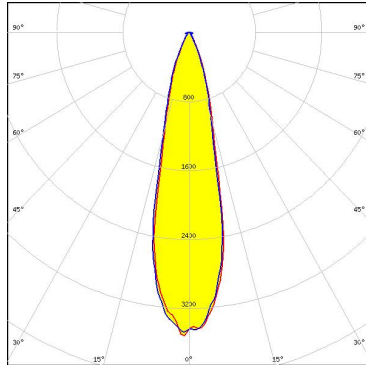
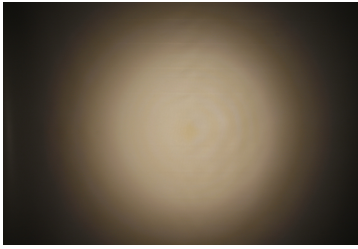
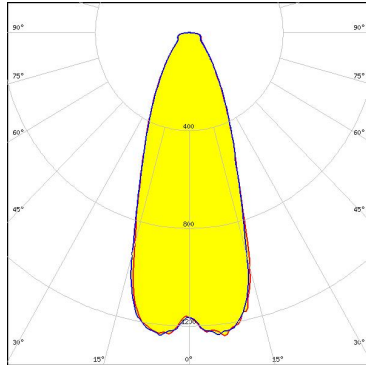
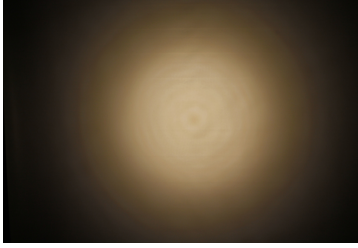
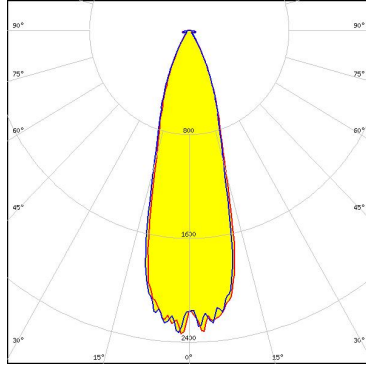


Component	Type	Material	Colour
STELLA-RS	Lens	Silicone	clear
STELLA-FRAME	Holder	PA66	black



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p> <p>TE: 2213480-1</p>		
<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p>		
<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p> <p>Bender Wirth: 431 Typ Z1</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 18.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 6.400 cd/lm</p> <p>Required components:</p>		

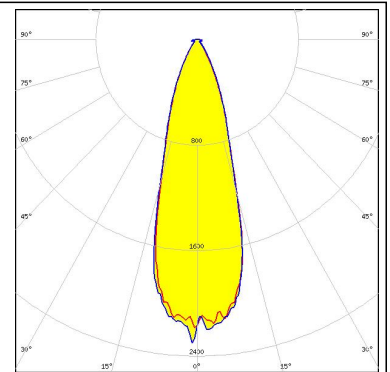
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 24.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 3.500 cd/lm</p> <p>Required components:</p>		
<p>bridgelux.</p> <p>LED VERO29</p> <p>FWHM 39.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLL04x/CLU04x</p> <p>FWHM 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>Required components:</p>		
<p>CREE ⇄</p> <p>LED CXA/B 1816 & CXA/B 1820 & CXA 1850</p> <p>FWHM 18.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 6.500 cd/lm</p> <p>Required components:</p>		

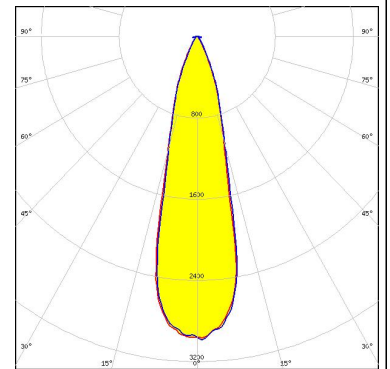
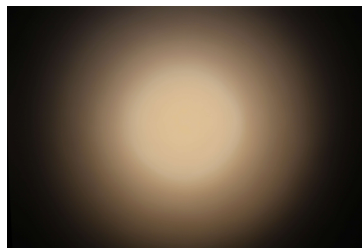
PHOTOMETRIC DATA (MEASURED):



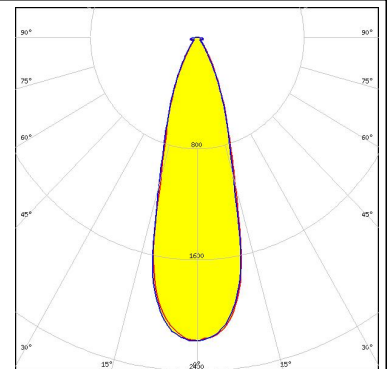
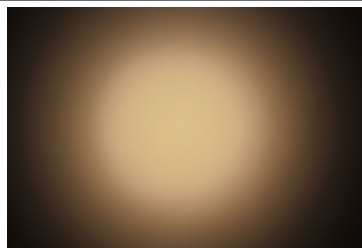
LED CXA/B 30xx
 FWHM 31.0°
 Efficiency 94 %
 Peak intensity 2.300 cd/lm
 Required components:



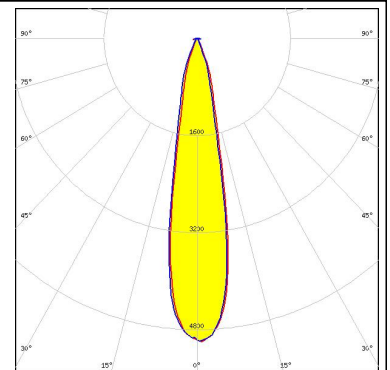
LED LUXEON CoB 1211
 FWHM 26.0°
 Efficiency 94 %
 Peak intensity 3.000 cd/lm
 Required components:
 Bender Wirth: 431 Typ L3




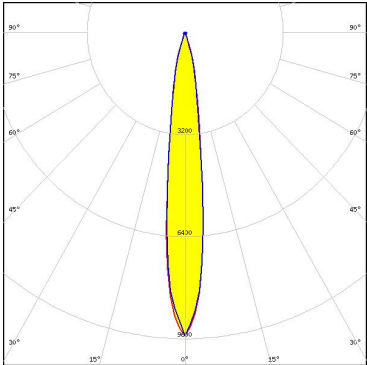

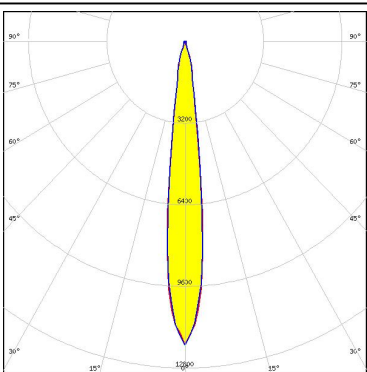
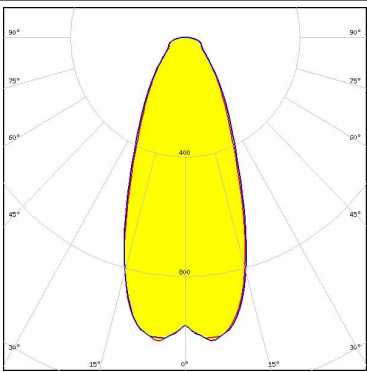

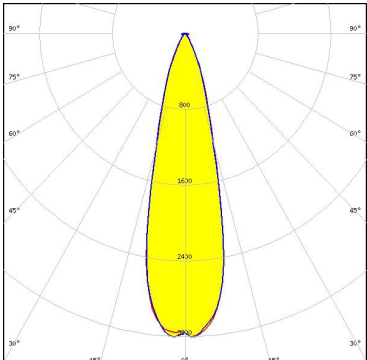
LED COB H-Type
 FWHM 30.0°
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 Required components:



LED COB J-Type
 FWHM 20.0°
 Efficiency 94 %
 Peak intensity 5.000 cd/lm
 Required components:



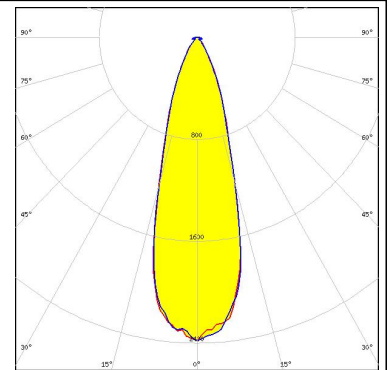
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED V10 Gen7 FWHM 14.0° Efficiency 96 % Peak intensity 9.918 cd/lm Required components: Bender Wirth: 434 Typ Z1</p>	
<p> bridgelux</p> <p>LED VERO10 FWHM 13.0° Efficiency 94 % Peak intensity 11.900 cd/lm Required components:</p>	
<p>CITIZEN</p> <p>LED CLL05x/CLU05x FWHM 43.0° Efficiency 94 % Peak intensity 1.020 cd/lm Required components:</p>	
<p> CREE</p> <p>LED CMA2550 FWHM 27.0° Efficiency 94 % Peak intensity 3.200 cd/lm Required components:</p>	

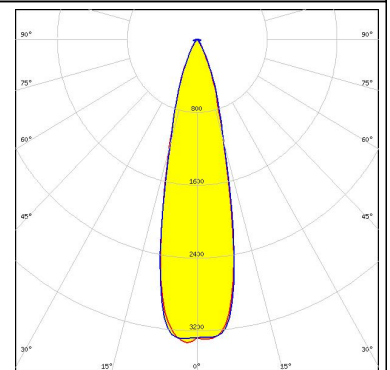
PHOTOMETRIC DATA (SIMULATED):



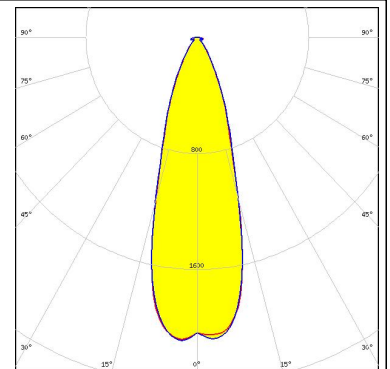
LED CMA3090
 FWHM 30.0°
 Efficiency 94 %
 Peak intensity 2.420 cd/lm
 Required components:



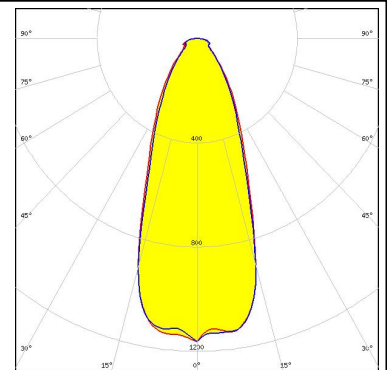
LED CXA/B 25xx
 FWHM 25.0°
 Efficiency 94 %
 Peak intensity 3.400 cd/lm
 Required components:



LED LUXEON CoB 1216/1812
 FWHM 31.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 Required components:



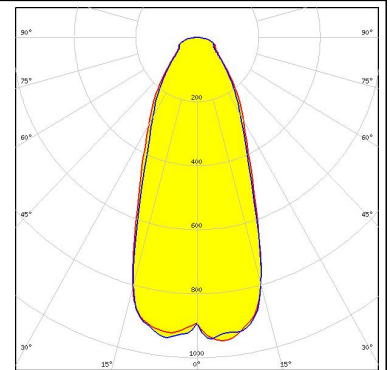
LED LUXEON CoB 1321
 FWHM 41.0°
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

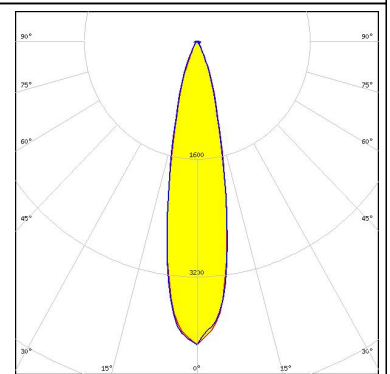
LUMILEDS

LED LUXEON CoB 1825
FWHM 44.1°
Efficiency 94 %
Peak intensity 0.940 cd/lm
Required components:



TRIDONIC

LED SLE G6 LES19
FWHM 23.0°
Efficiency 94 %
Peak intensity 4.100 cd/lm
Required components:
Bender Wirth: 466 Typ L4



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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