

## STELLA-RS

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



### TECHNICAL SPECIFICATIONS:

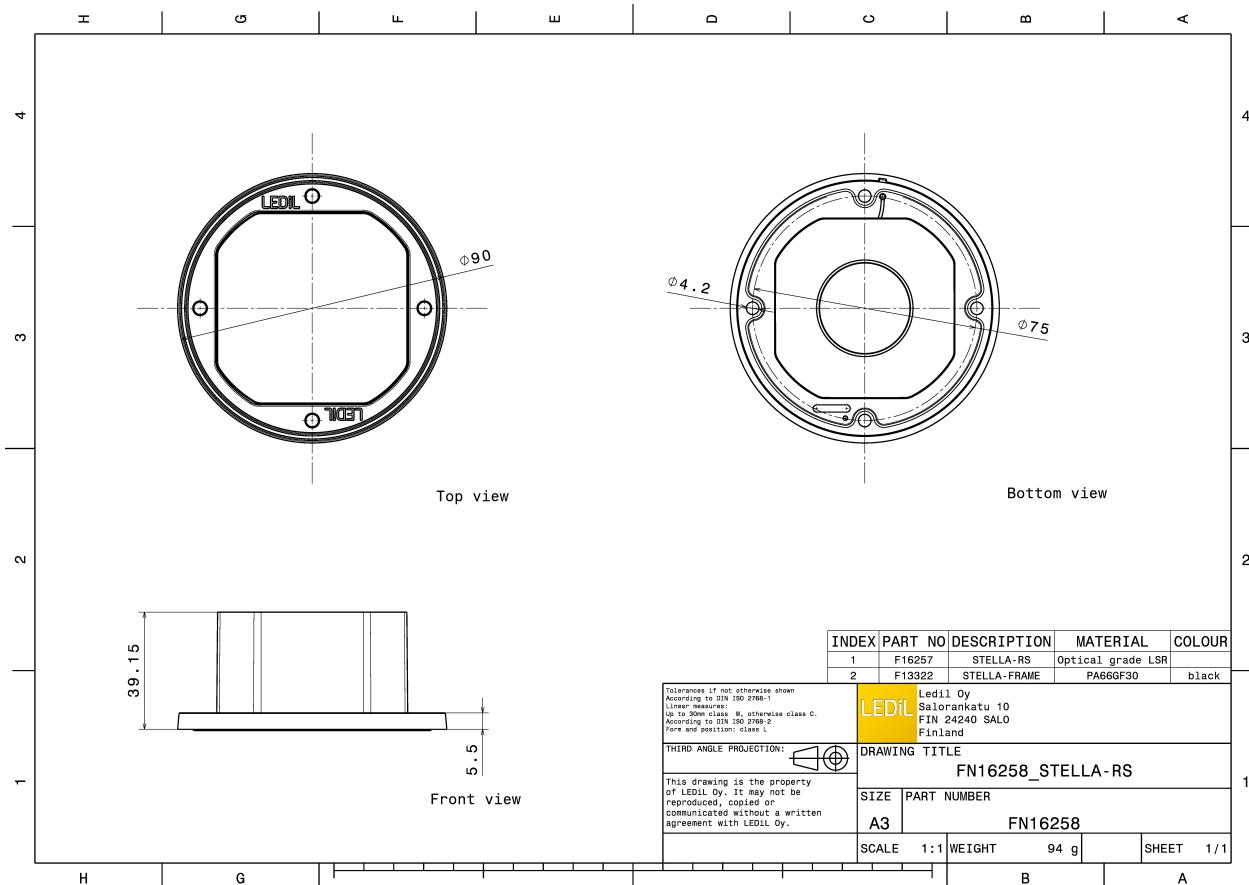
Dimensions	Ø 90.0 mm
Height	39.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 

### MATERIAL SPECIFICATIONS:

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

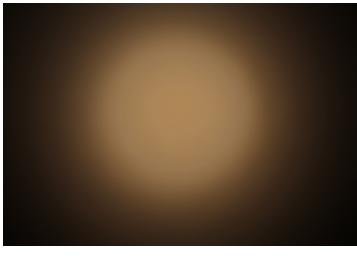
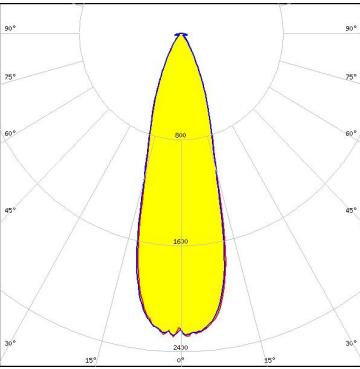
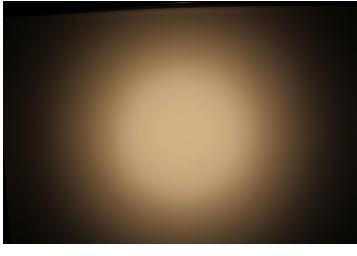
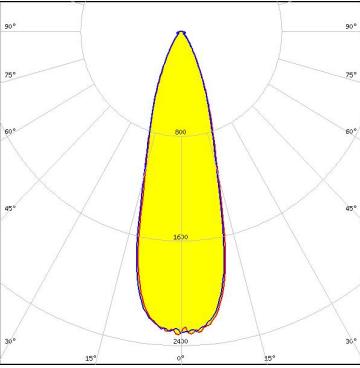
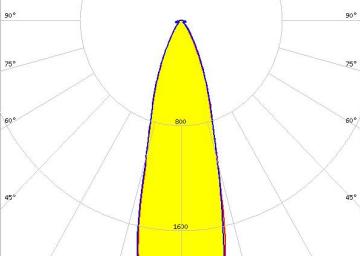
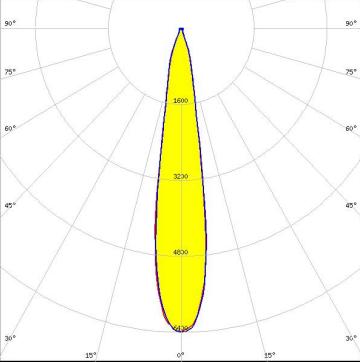
### ORDERING INFORMATION:

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



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

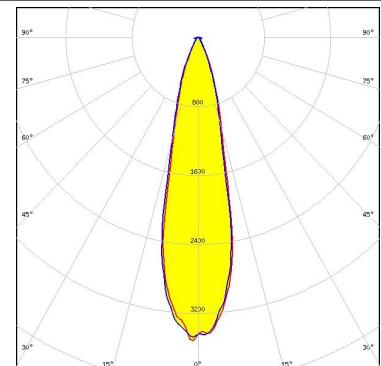
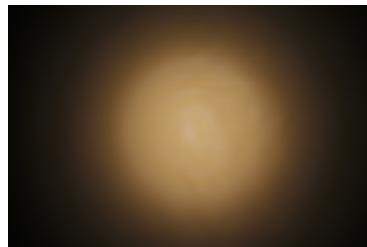
## PHOTOMETRIC DATA (MEASURED):

 <p>LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:</p>	<p>V22 Gen7 29.0° 94 % 2.3 cd/lm 1 White</p>		
 <p>LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: TE: 2213480-1</p>	<p>V22 Gen7 29.0° 94 % 2.3 cd/lm 1 White</p>		
 <p>LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 431 Typ Z1</p>	<p>V22 Gen7 29.0° 94 % 2.3 cd/lm 1 White</p>		
 <p>LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:</p>	<p>VERO13 18.0° 94 % 6.4 cd/lm 1 White</p>		

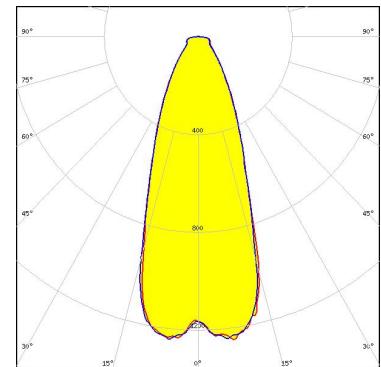
## PHOTOMETRIC DATA (MEASURED):



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

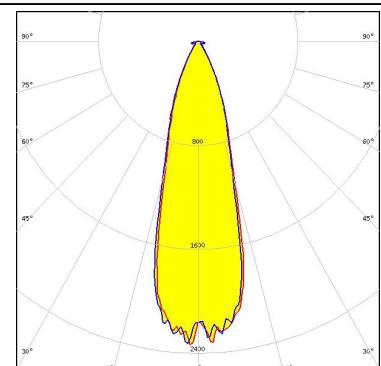


LED VERO29  
 FWHM 39.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## CITIZEN

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



## CREE

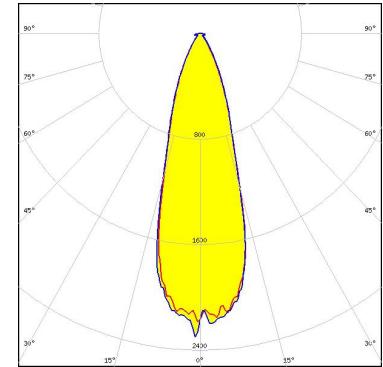
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 18.0°  
 Efficiency 94 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

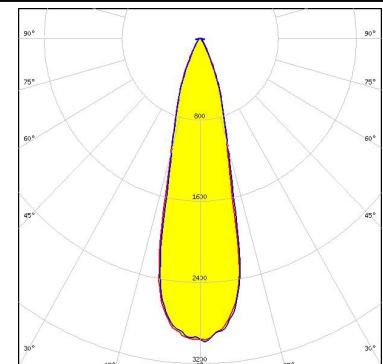
**CREE** 

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



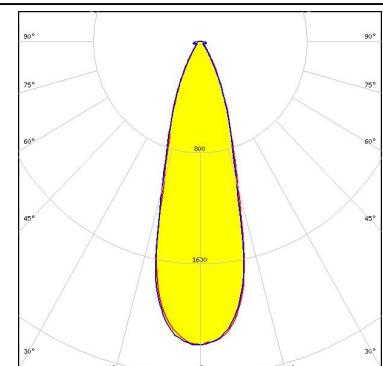
**LUMILEDS**

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



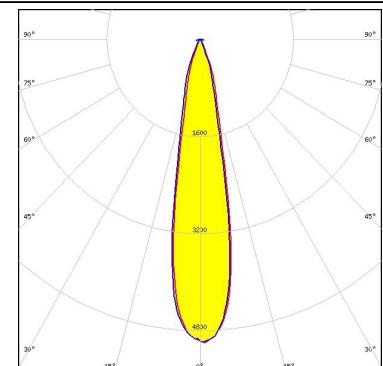
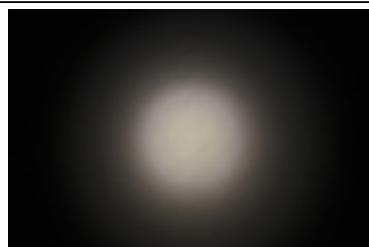
**NICHIA**

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



**NICHIA**

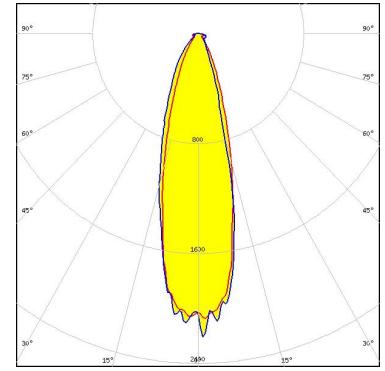
LED COB J-Type  
FWHM 20.0°  
Efficiency 94 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**SAMSUNG**

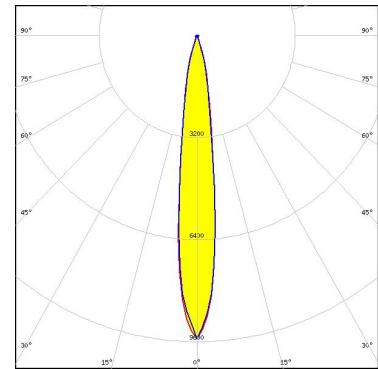
LED LC040D / LC060D / LC080D  
FWHM 29.0°  
Efficiency 93 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



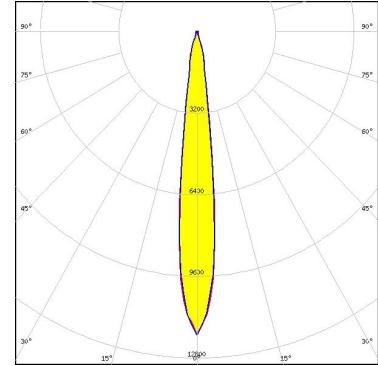
## PHOTOMETRIC DATA (SIMULATED):



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

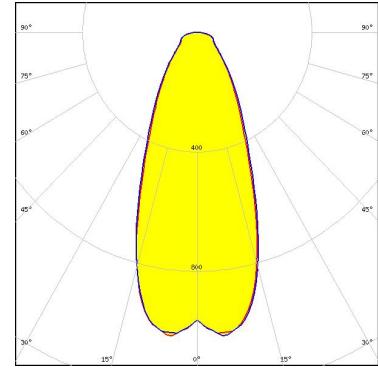


LED VERO10  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 11.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## CITIZEN

LED CLL03x/CLU03x  
 FWHM 18.0°  
 Efficiency 95 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



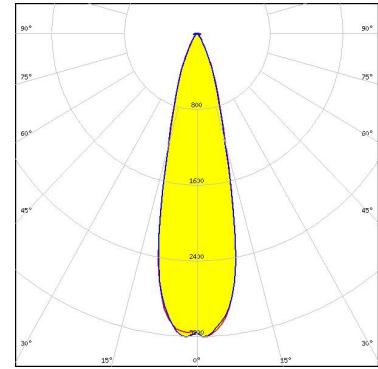
## CITIZEN

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

## PHOTOMETRIC DATA (SIMULATED):

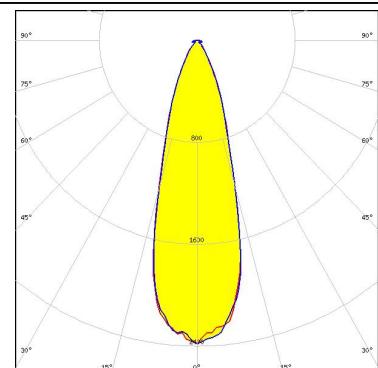
**CREE** 

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



**CREE** 

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



**CREE** 

LED CMT19xx  
FWHM 20.0°  
Efficiency 95 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

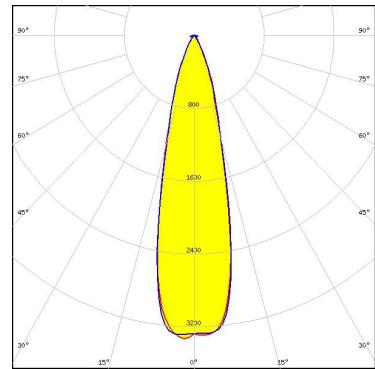
**CREE** 

LED CMT28xx  
FWHM 30.0°  
Efficiency 95 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (SIMULATED):

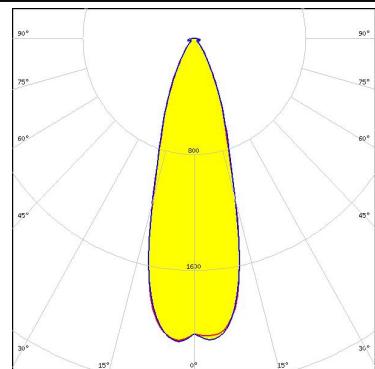
### CREE

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



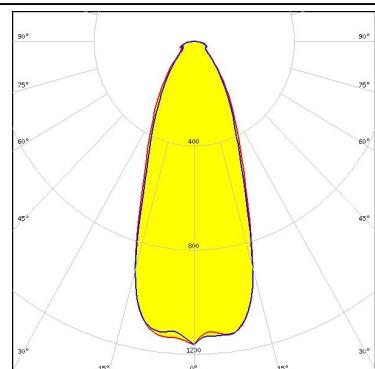
### LUMILEDS

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



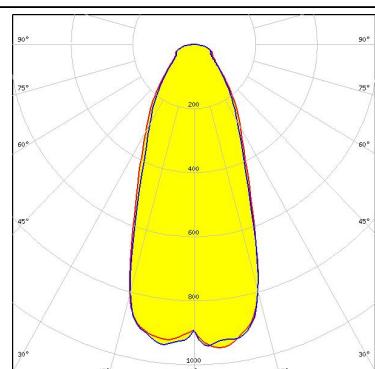
### LUMILEDS

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



### LUMILEDS

LED LUXEON CoB 1825  
 FWHM 44.1°  
 Efficiency 94 %  
 Peak intensity 0.9 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.

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:

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