

ANGELETTE-S-B

~10° spot beam compatible with BJB connectors

TECHNICAL SPECIFICATIONS:

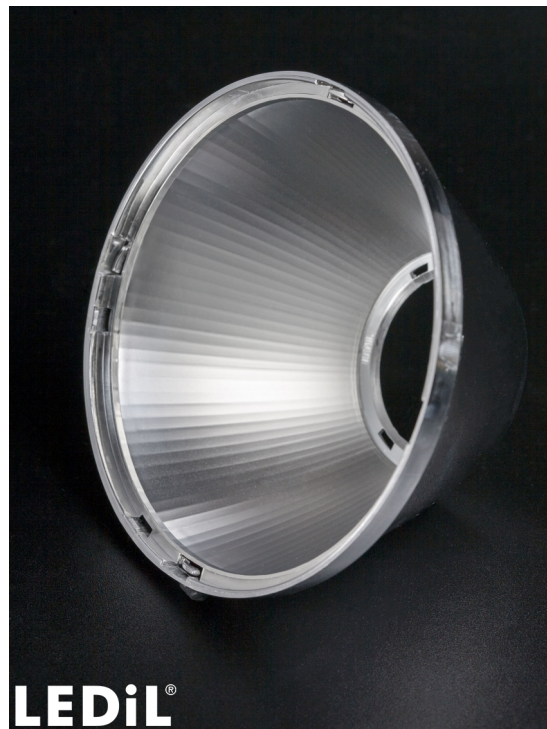
Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
ROHS compliant	yes ⓘ

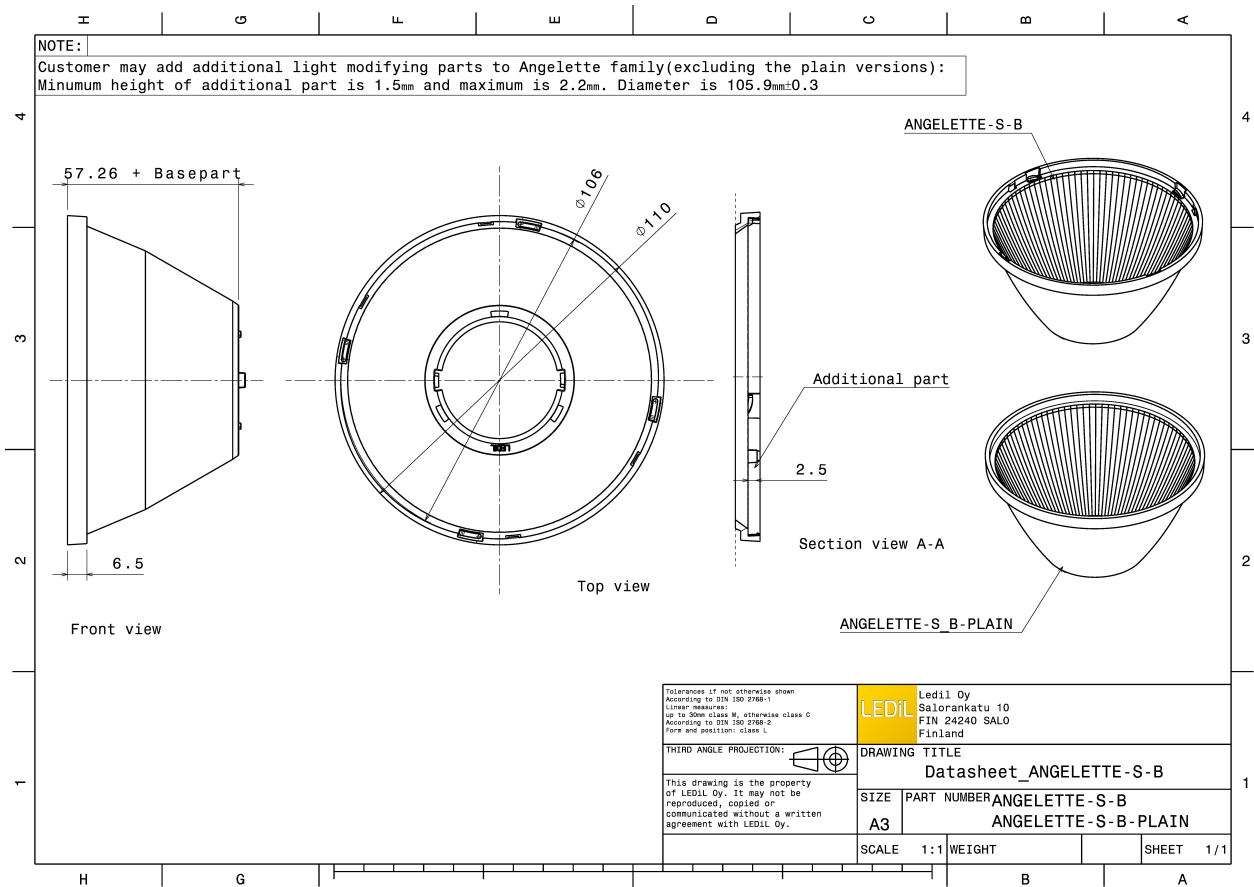
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish	Coating
ANGELETTE-S-B	Reflector	PC	metal		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14616_ANGELETTE-S-B » Box size: 398 x 298 x 265 mm	180	90	45	7.4



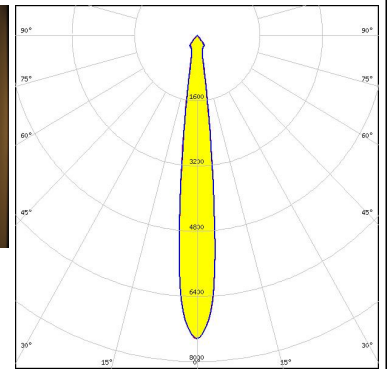


See also our general installation guide: www.ledil.com/installation_guide

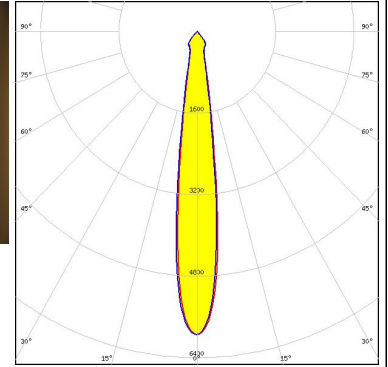
PHOTOMETRIC DATA (MEASURED):



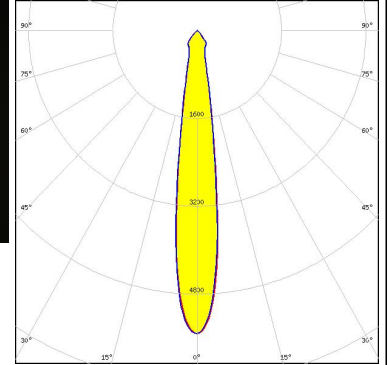
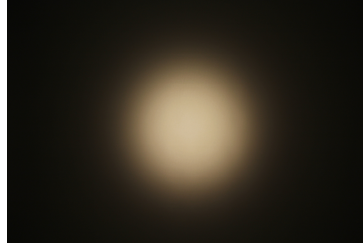
LED V15 Gen6
FWHM / FWTM 13.0° / 26.0°
Efficiency 91 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2224



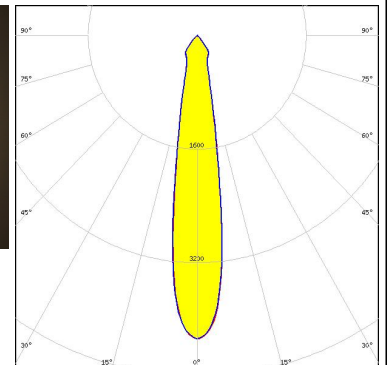
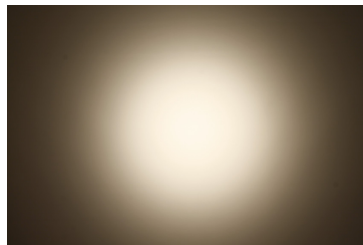
LED V18 Gen6
FWHM / FWTM 15.0° / 31.0°
Efficiency 91 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2274



LED V18 Gen7
FWHM / FWTM 15.0° / 33.0°
Efficiency 91 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2350



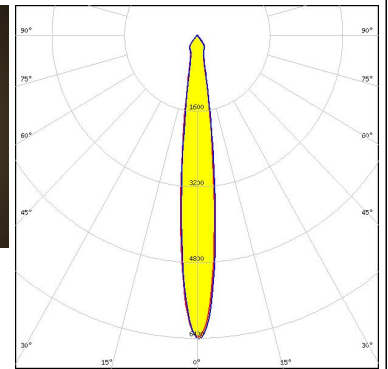
LED V22 Gen6
FWHM / FWTM 18.0° / 42.0°
Efficiency 89 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8102-G2



PHOTOMETRIC DATA (MEASURED):

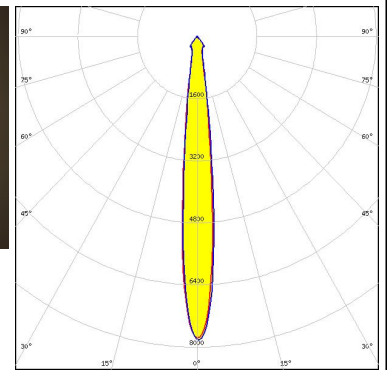
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 88 %
 Peak intensity 6.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15412_ANGELETTE-DL
 BJB: 47.319.2021



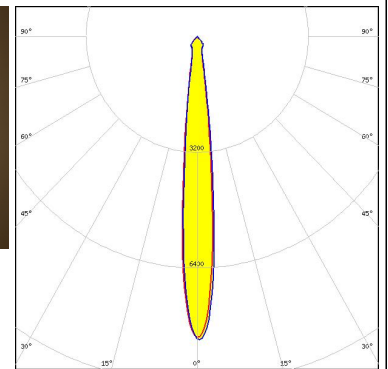
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 88 %
 Peak intensity 7.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15176_ANGELETTE-LENS
 BJB: 47.319.2021



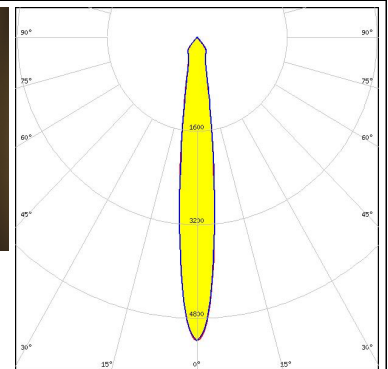
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 91 %
 Peak intensity 8.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



CITIZEN

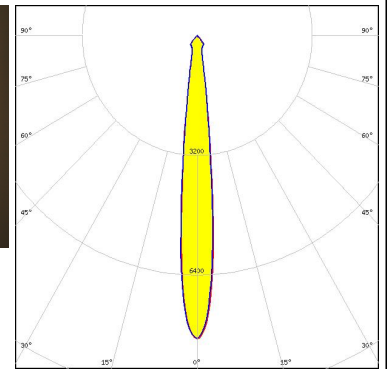
LED CLL03x/CLU03x
 FWHM / FWTM 14.0° / 36.0°
 Efficiency 85 %
 Peak intensity 5.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101-G2



PHOTOMETRIC DATA (MEASURED):

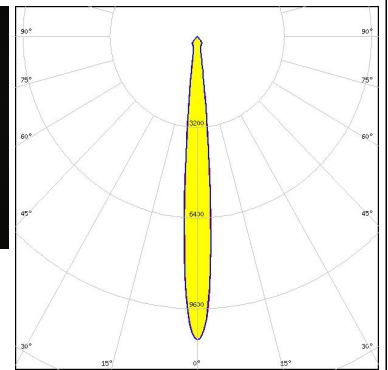
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 12.0° / 25.0°
Efficiency 90 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101-G2



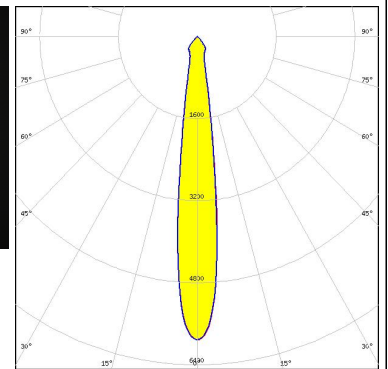
CREE LED

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 10.0° / 21.0°
Efficiency 91 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8403/G2



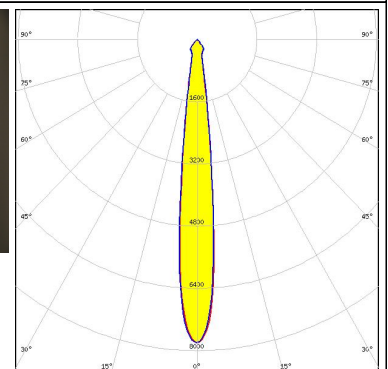
CREE LED

LED CXA/B 25xx
FWHM / FWTM 14.0° / 31.0°
Efficiency 90 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8401-G2



LUMILEDS

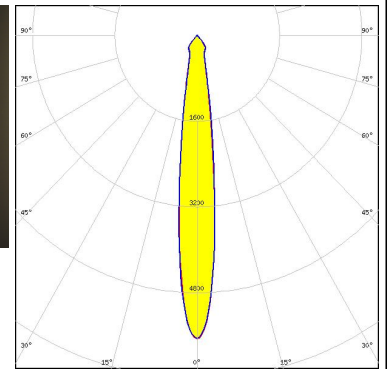
LED LUXEON CoB 1208
FWHM / FWTM 12.0° / 26.0°
Efficiency 91 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8301-G2



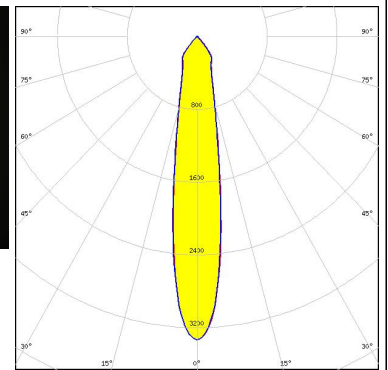
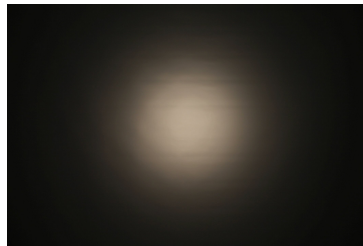
PHOTOMETRIC DATA (MEASURED):



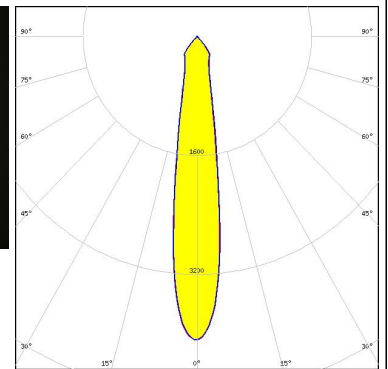
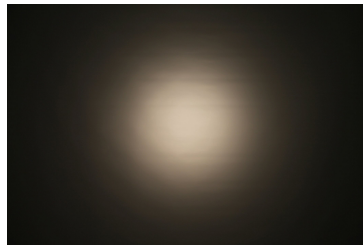
LED LUXEON CoB 1208
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 87 %
 Peak intensity 5.7 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8301-G2



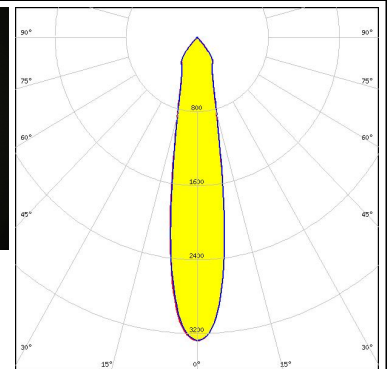
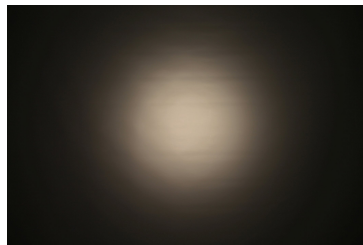
LED Fortimo SLM L19 CoB
 FWHM / FWTM 18.0° / 58.0°
 Efficiency 86 %
 Peak intensity 3.4 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030



LED Fortimo SLM L19 CoB
 FWHM / FWTM 17.0° / 48.0°
 Efficiency 90 %
 Peak intensity 4.1 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



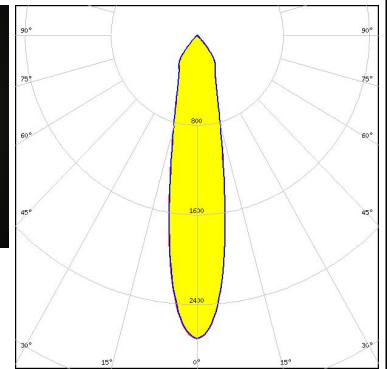
LED Fortimo SLM L23 CoB
 FWHM / FWTM 20.0° / 64.0°
 Efficiency 90 %
 Peak intensity 3.3 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



PHOTOMETRIC DATA (MEASURED):

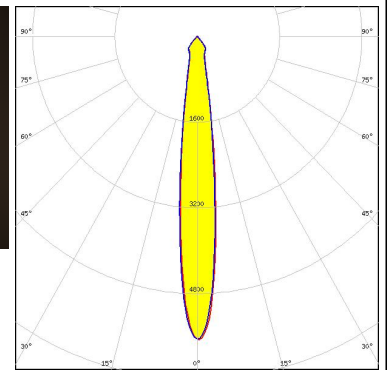
PHILIPS

LED Fortimo SLM L23 CoB
 FWHM / FWTM 22.0° / 72.0°
 Efficiency 85 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030



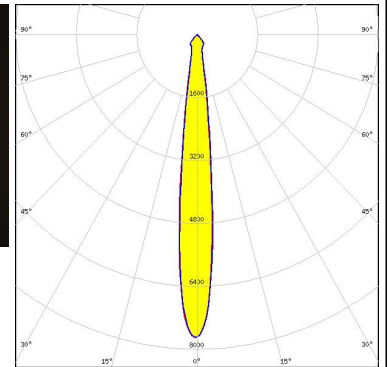
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 88 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101-G2



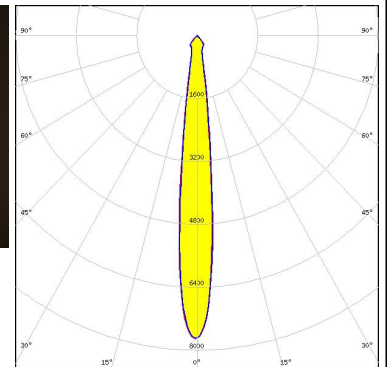
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



SAMSUNG

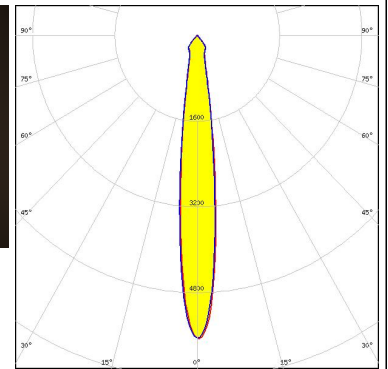
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8101-G2



PHOTOMETRIC DATA (MEASURED):

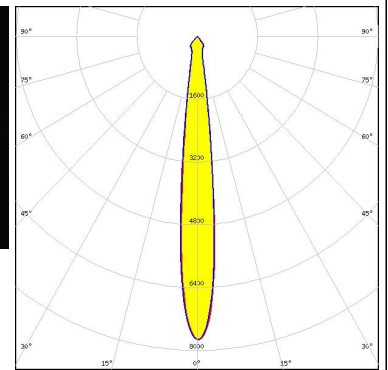
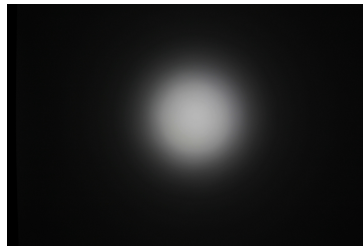
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 88 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2021



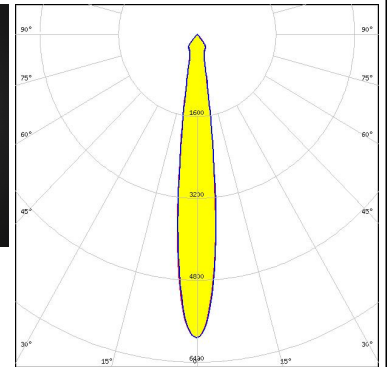
TRIDONIC

LED SLE G7 LES15
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



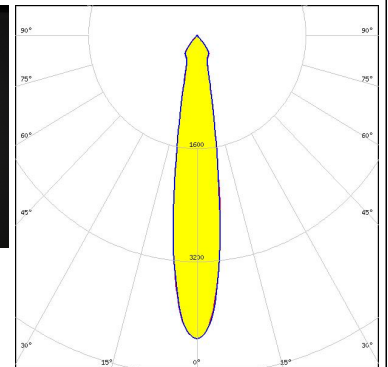
TRIDONIC

LED SLE G7 LES17 H
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 89 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

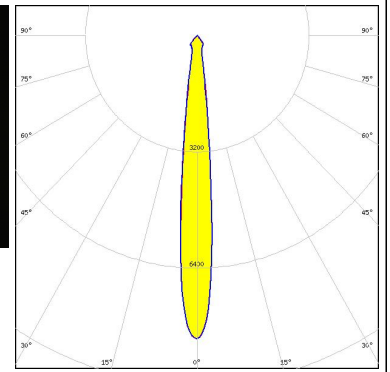
LED SLE G7 LES21 H
 FWHM / FWTM 18.0° / 42.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

XICATO

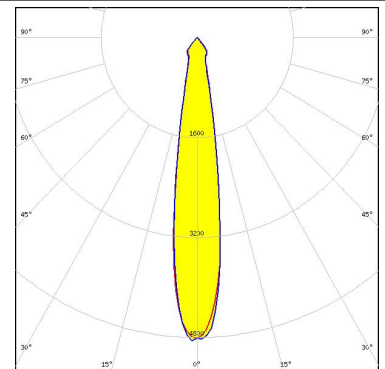
LED XOB 14.5 mm
FWHM / FWTM 11.0° / 24.0°
Efficiency 92 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL04x/CLU04x
 FWHM / FWTM 17.0° / 37.0°
 Efficiency 89 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030

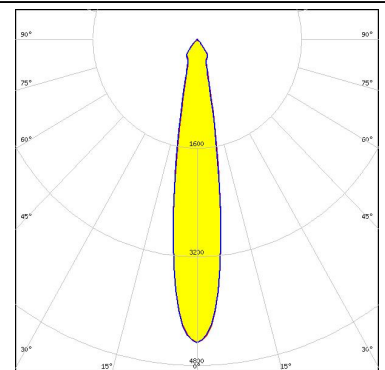


LUMILEDS

LED LUXEON CoB 1208
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15412_ANGELETTE-DL
 A.A.G. STUCCHI: 8301-G2

SAMSUNG

LED LC040D / LC060D / LC080D
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 88 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)