

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 

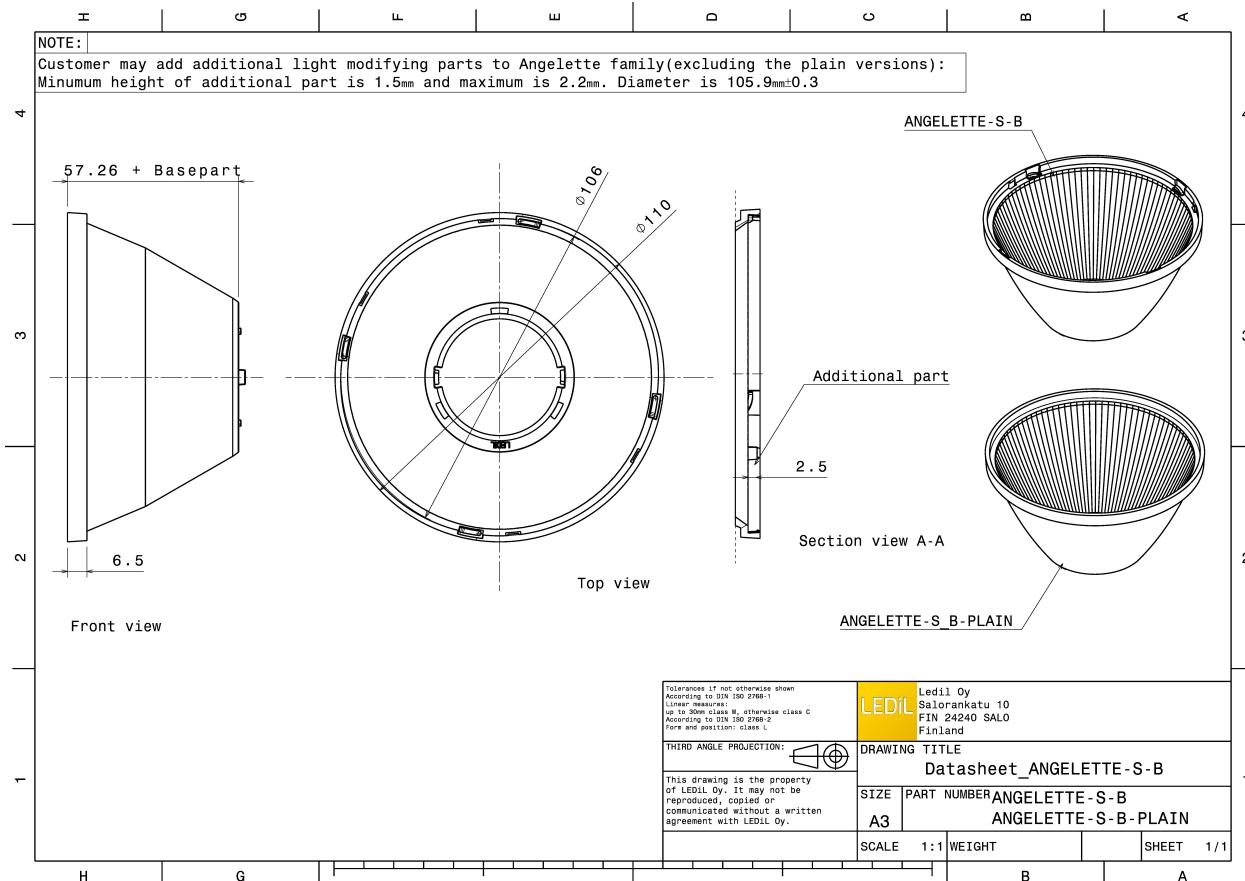
LEDiL®

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	180	90	45	7.4
» Box size: 398 x 298 x 265 mm				

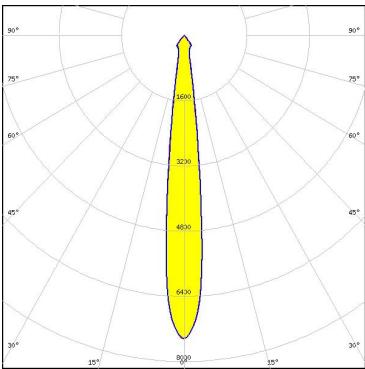
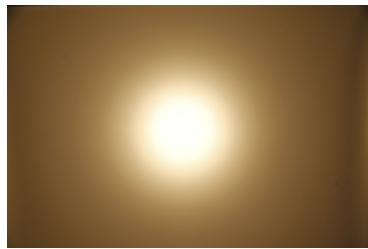


See also our general installation guide: www.ledil.com/installation_guide

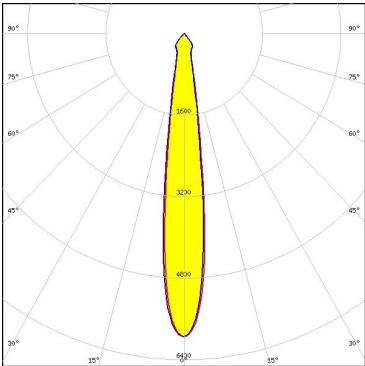
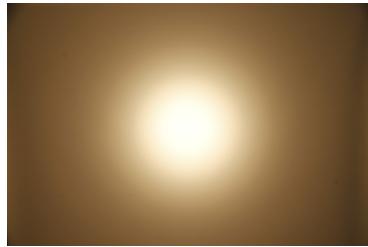
PHOTOMETRIC DATA (MEASURED):



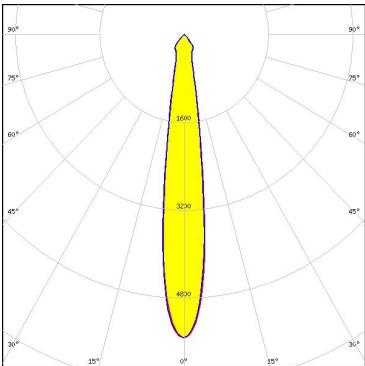
LED V15 Gen6
FWHM / FWTM 13.0° / 26.0°
Efficiency 91 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.319.2224



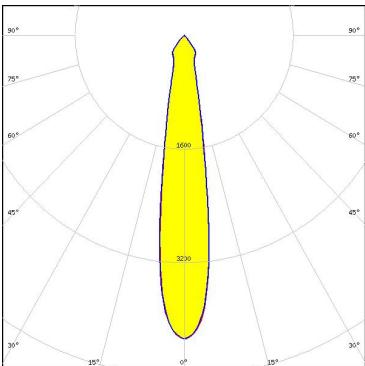
LED V18 Gen6
FWHM / FWTM 15.0° / 31.0°
Efficiency 91 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.319.2274



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/lm

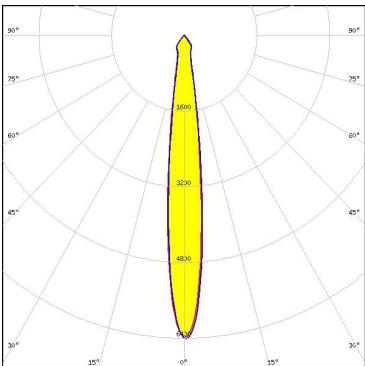
LEDs/each optic 1

Light colour White

Required components:

F15412_ANGELETTE-DL

BBJ: 47.319.2021



CITIZEN

LED CLL03x/CLU03x

FWHM / FWTM 12.0° / 25.0°

Efficiency 88 %

Peak intensity 7.8 cd/lm

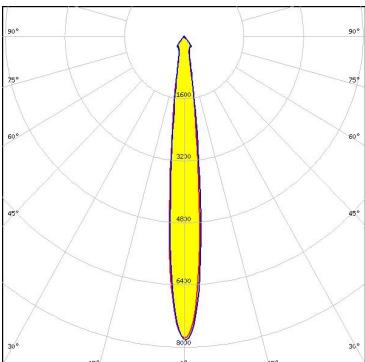
LEDs/each optic 1

Light colour White

Required components:

F15176_ANGELETTE-LENS

BBJ: 47.319.2021



CITIZEN

LED CLL03x/CLU03x

FWHM / FWTM 12.0° / 25.0°

Efficiency 91 %

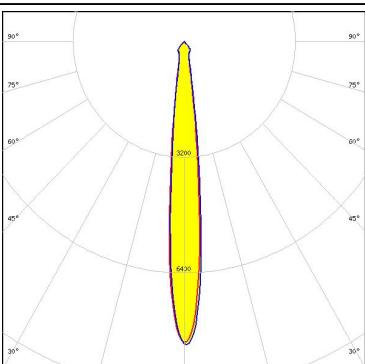
Peak intensity 8.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

BBJ: 47.319.2021



CITIZEN

LED CLL03x/CLU03x

FWHM / FWTM 14.0° / 36.0°

Efficiency 85 %

Peak intensity 5.2 cd/lm

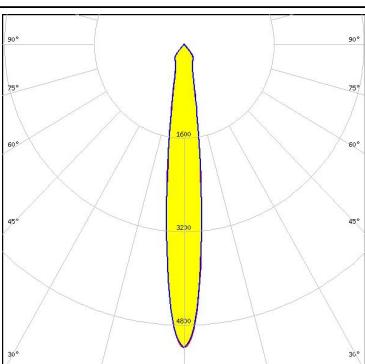
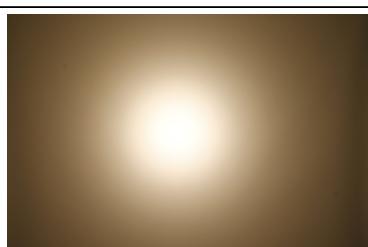
LEDs/each optic 1

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 %

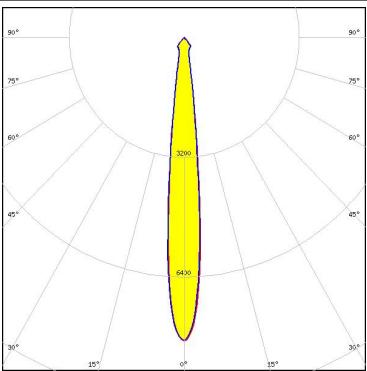
Peak intensity 8.1 cd/lm

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 %

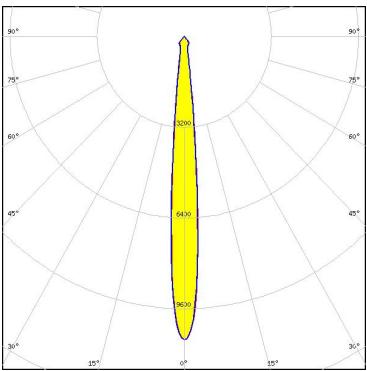
Peak intensity 10.7 cd/lm

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 %

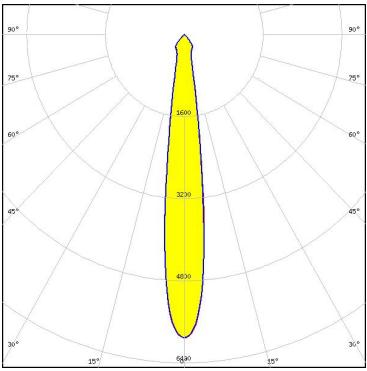
Peak intensity 5.9 cd/lm

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 %

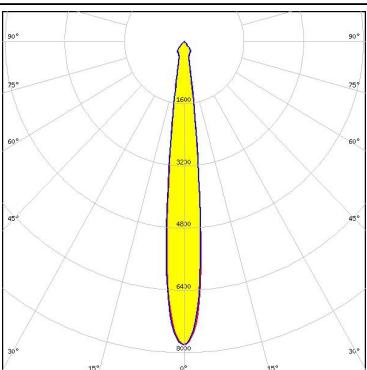
Peak intensity 7.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:

A.A.G. STUCCHI: 8301-G2



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON CoB 1208

FWHM / FWTM 14.0° / 33.0°

Efficiency 87 %

Peak intensity 5.7 cd/lm

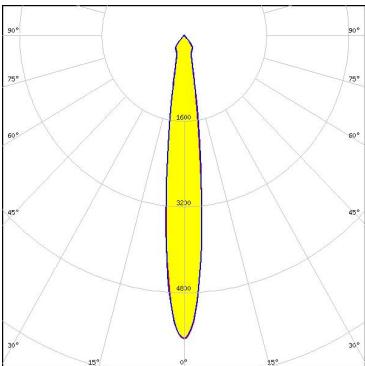
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

A.G. STUCCHI: 8301-G2



PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 18.0° / 58.0°

Efficiency 86 %

Peak intensity 3.4 cd/lm

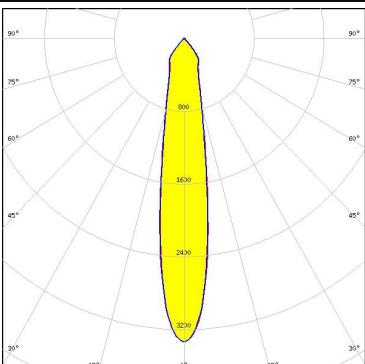
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

BBJ: 47.319.2030



PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 17.0° / 48.0°

Efficiency 90 %

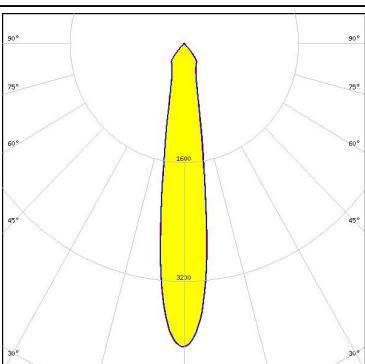
Peak intensity 4.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:

BBJ: 47.319.2030



PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 20.0° / 64.0°

Efficiency 90 %

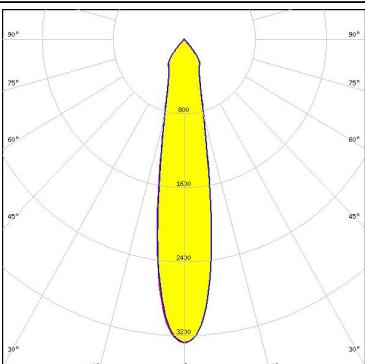
Peak intensity 3.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

BBJ: 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

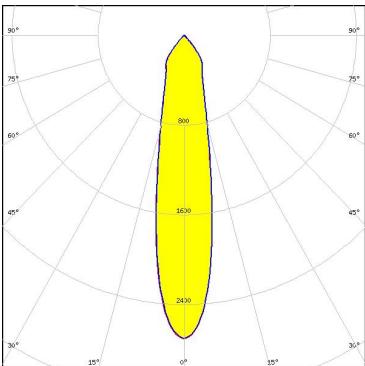
LEDs/each optic 1

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

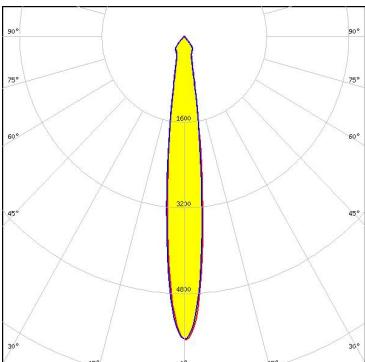
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

A.G. STUCCHI: 8101-G2



SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 12.0° / 26.0°

Efficiency 91 %

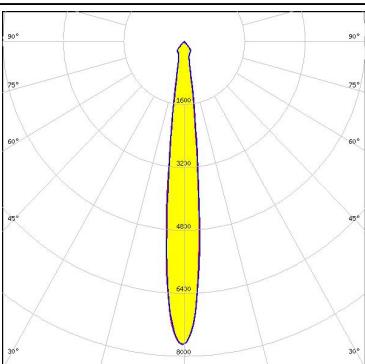
Peak intensity 7.7 cd/lm

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 %

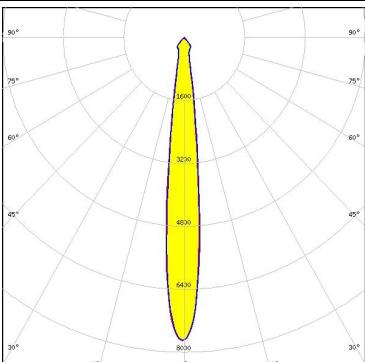
Peak intensity 7.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:

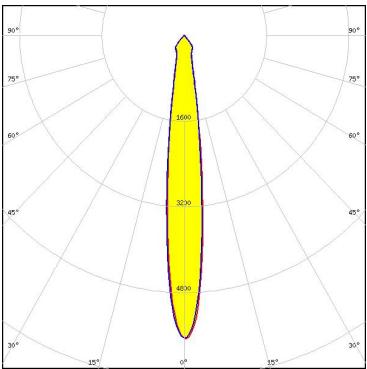
A.G. STUCCHI: 8101-G2



PHOTOMETRIC DATA (MEASURED):

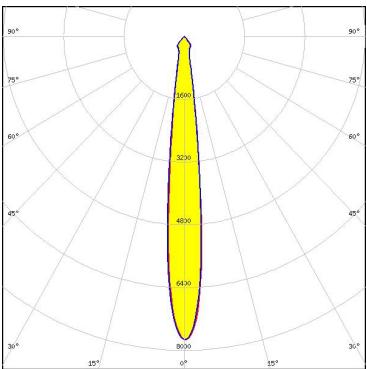
SAMSUNG

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



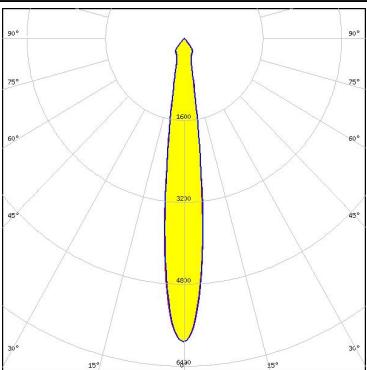
TRIDONIC

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



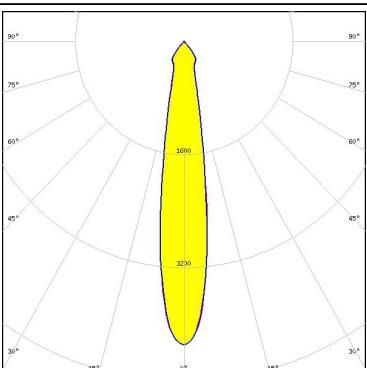
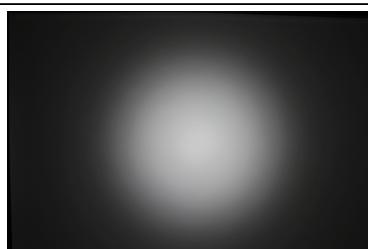
TRIDONIC

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

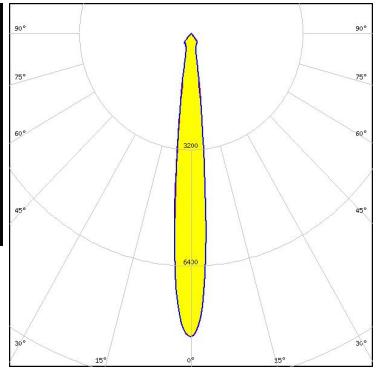
LED SLE G7 LES21 H
 FWHM / FWTM 18.0° / 42.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

XICATO

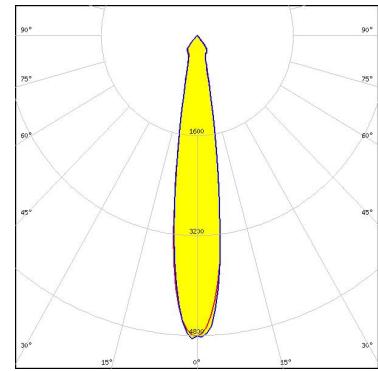
LED XOB 14.5 mm
FWHM / FWTM 11.0° / 24.0°
Efficiency 92 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BBJ: 47.319.2021



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:	
	BBJ: 47.319.2030

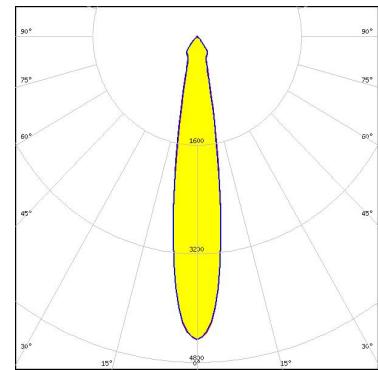


LUMILEDS

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.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:	
	BBJ: 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.

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