ANGELETTE-WW-B

~60° wide beam compatible with BJB and B+W connectors

SPECIFICATION:

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

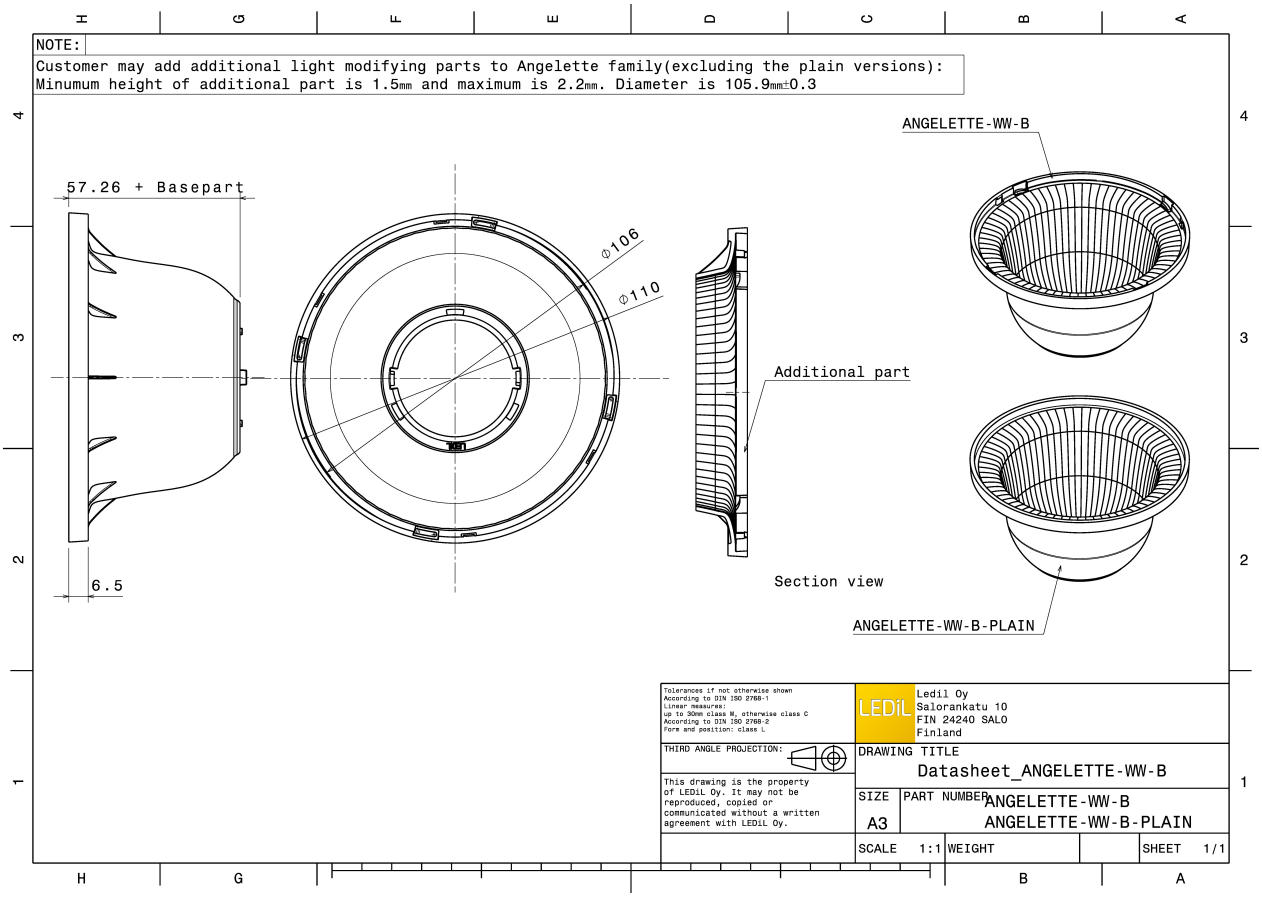
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14618_ANGELETTE-WW-B » Box size: 398 x 298 x 265 mm	120	90	30	5.2

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

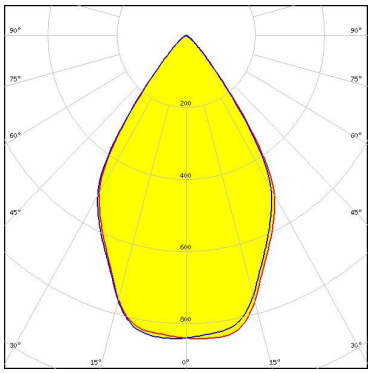
bridgelux

LED	V15 Gen6
FWHM / FWTM	66.0° / 88.0°
Efficiency	85 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

BJB: 47.319.2224

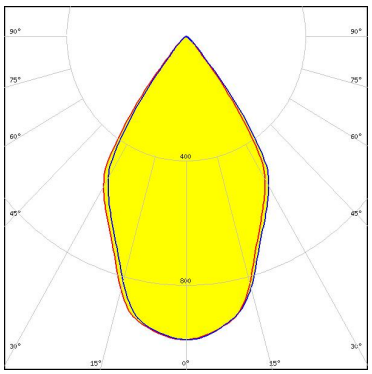


bridgelux

LED	V15 Gen6
FWHM / FWTM	65.0° / 83.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2224



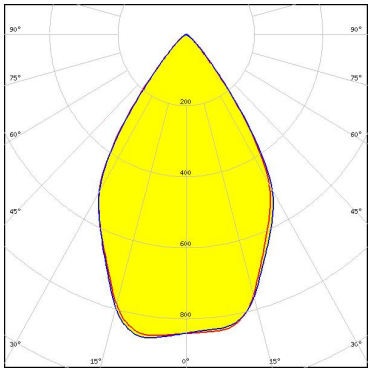
bridgelux

LED	V18 Gen6
FWHM / FWTM	65.0° / 88.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

BJB: 47.319.2274

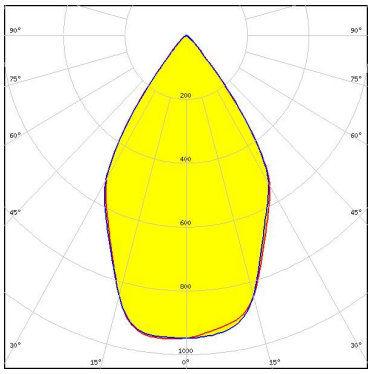


bridgelux

LED	V18 Gen6
FWHM / FWTM	64.0° / 83.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2274



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

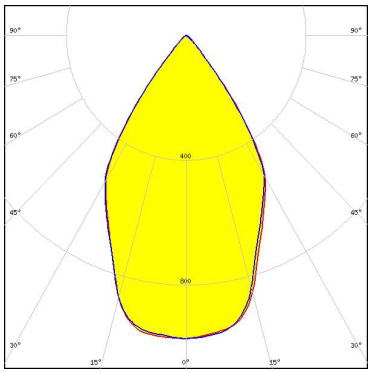
OPTICAL RESULTS (MEASURED):

bridgelux

LED	V18 Gen7
FWHM / FWTM	64.0° / 83.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2350



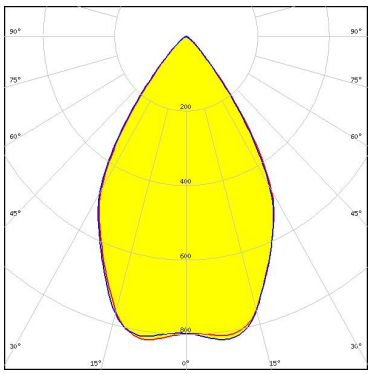
bridgelux

LED	V22 Gen6
FWHM / FWTM	64.0° / 88.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8102-G2

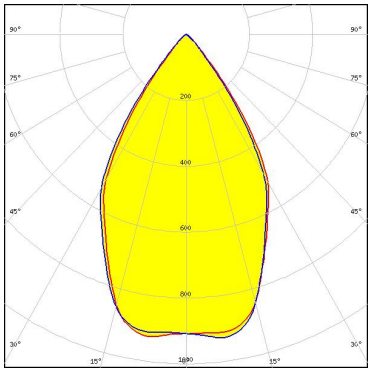


bridgelux

LED	V22 Gen6
FWHM / FWTM	63.0° / 84.0°
Efficiency	87 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8102-G2

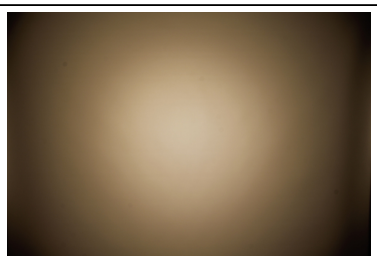


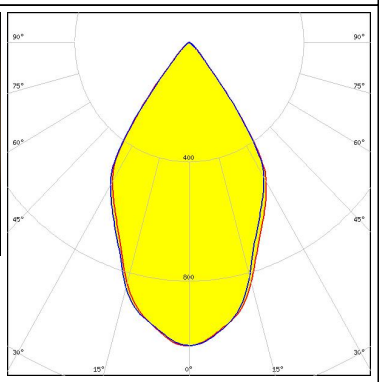
CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	63.0° / 82.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8101-G2





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

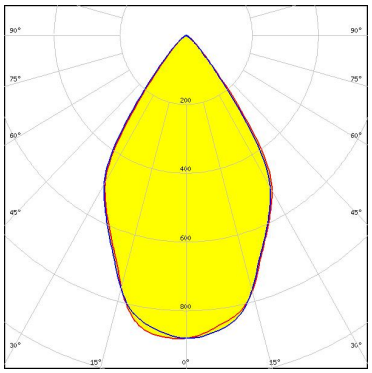
CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	65.0° / 87.0°
Efficiency	85 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8101-G2

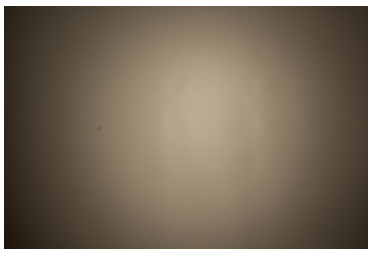


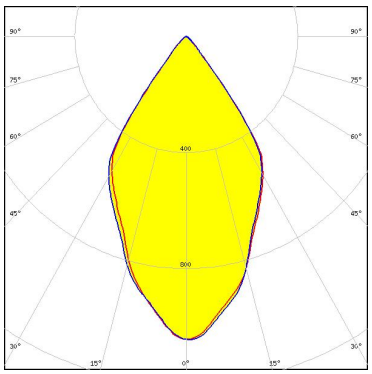
CREE LEDs

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	62.0° / 81.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8403/G2



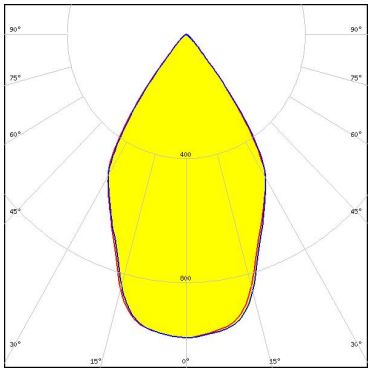


CREE LEDs

LED	CXA/B 25xx
FWHM / FWTM	63.0° / 83.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8401-G2

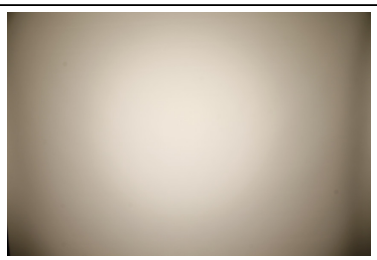


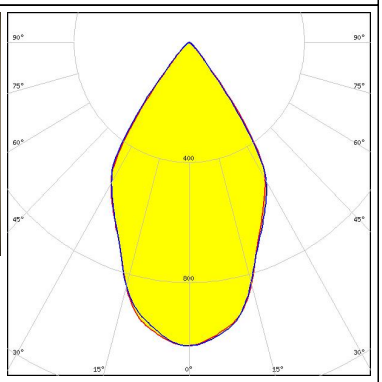
LUMILEDS

LED	LUXEON CoB 1208
FWHM / FWTM	63.0° / 82.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8301-G2





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

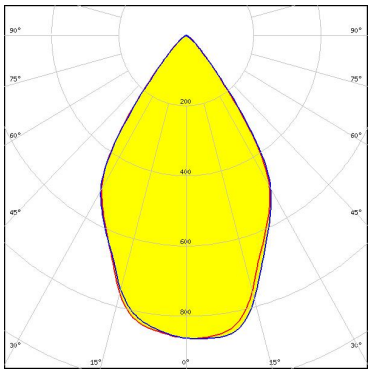
LUMILEDS

LED	LUXEON CoB 1208
FWHM / FWTM	66.0° / 87.0°
Efficiency	85 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8301-G2

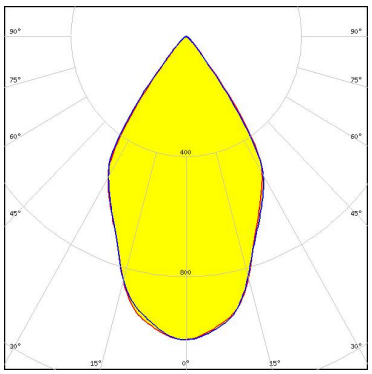


LUMILEDS

LED	LUXEON CoB 1208
FWHM / FWTM	63.0° / 82.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

A.A.G. STUCCHI: 8301-G2

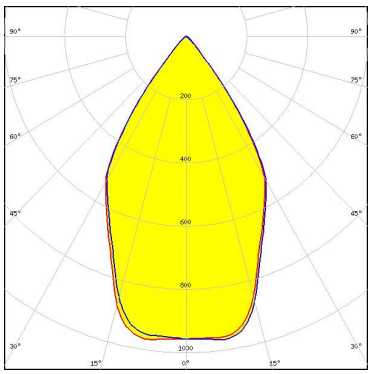


PHILIPS

LED	Fortimo SLM L19 CoB
FWHM / FWTM	63.0° / 83.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2030



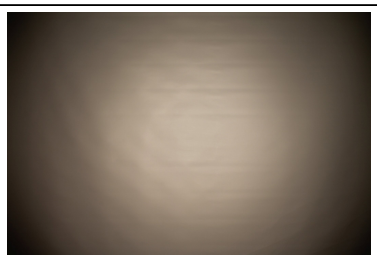
PHILIPS

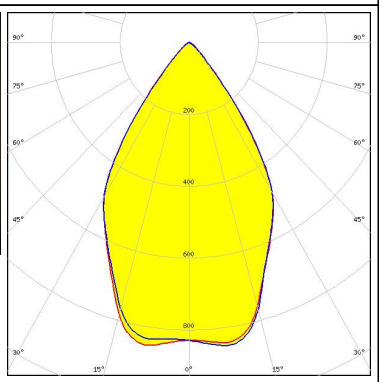
LED	Fortimo SLM L19 CoB
FWHM / FWTM	65.0° / 87.0°
Efficiency	84 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

BJB: 47.319.2030





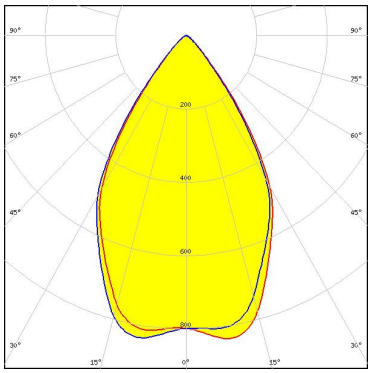
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM L23 CoB
FWHM / FWTM	64.0° / 88.0°
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

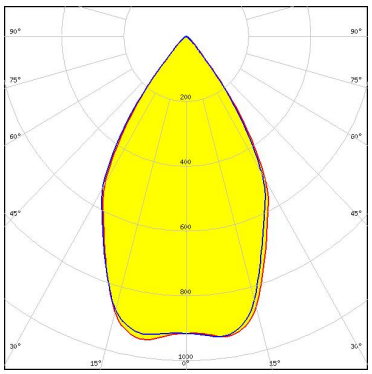
Required components:
- F13671_ANGE-RZ-LENS
- BJB: 47.319.2030



PHILIPS

LED	Fortimo SLM L23 CoB
FWHM / FWTM	62.0° / 84.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

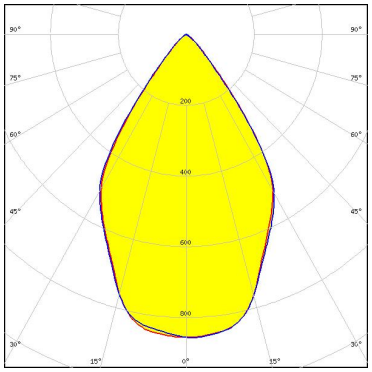
Required components:
- BJB: 47.319.2030



SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	66.0° / 88.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

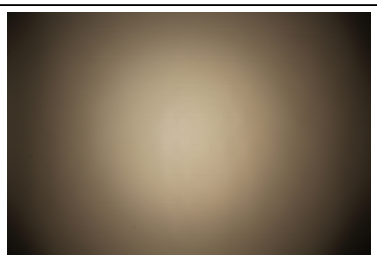
Required components:
- F13671_ANGE-RZ-LENS
- BJB: 47.319.2021

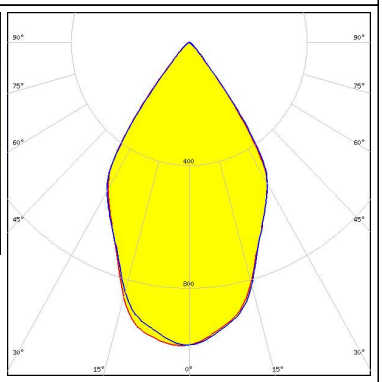


SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	65.0° / 83.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
- A.A.G. STUCCHI: 8101-G2





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

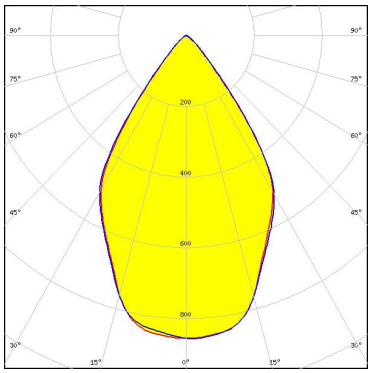
SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	66.0° / 88.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8101-G2

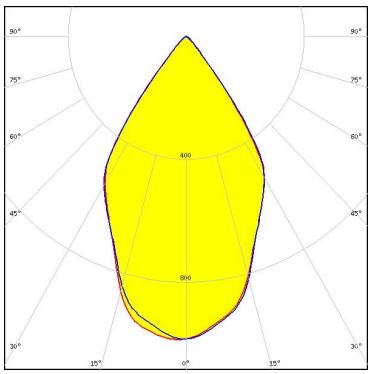


SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	65.0° / 83.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2021

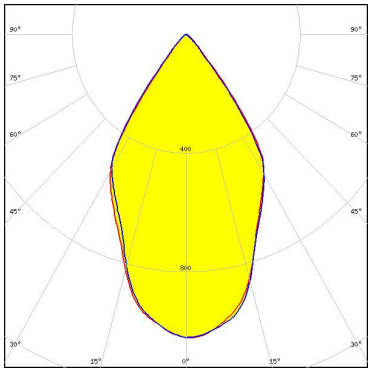


TRIDONIC

LED	SLE G7 LES15
FWHM / FWTM	63.0° / 82.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

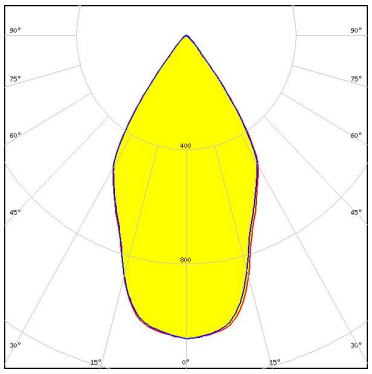
BJB: 47.319.2021



TRIDONIC

LED	SLE G7 LES17 H
FWHM / FWTM	59.0° / 81.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



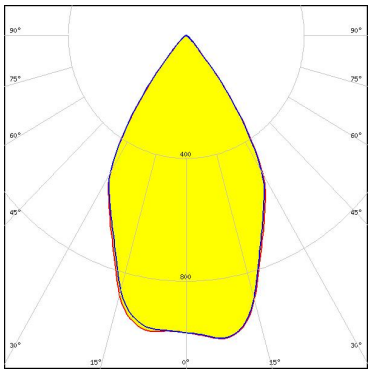
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	SLE G7 LES21 H
FWHM / FWTM	61.0° / 82.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

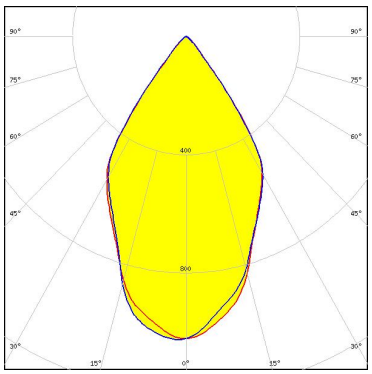


XICATO

LED	XOB 14.5 mm
FWHM / FWTM	64.0° / 82.0°
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2021

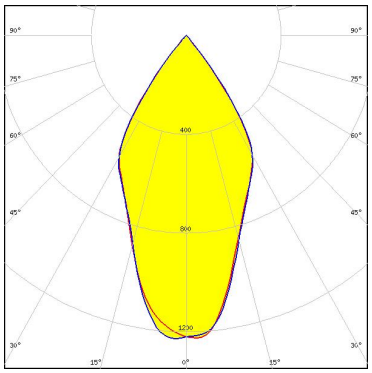


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

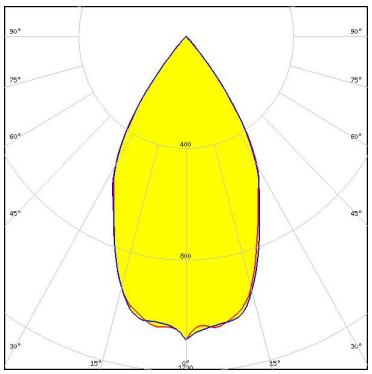
CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	54.0° / 80.0°
Efficiency	89 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2021	



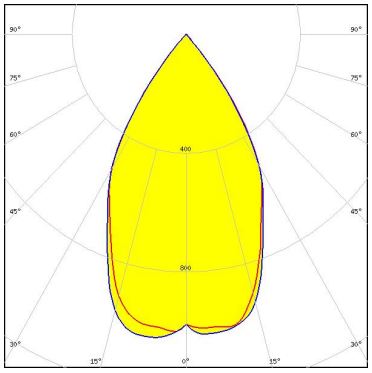
CITIZEN

LED	CLL04x/CLU04x
FWHM / FWTM	58.0° / 81.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2030	



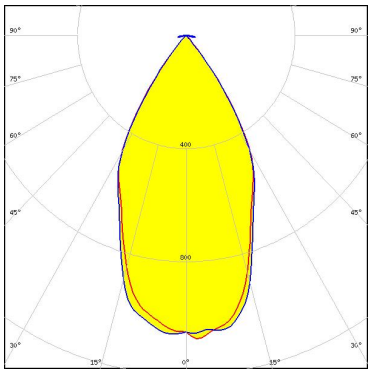
SAMSUNG

LED	LC040D / LC060D / LC080D
FWHM / FWTM	60.0° / 81.0°
Efficiency	87 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2030	



TRIDONIC

LED	SLE G7 LES21 H
FWHM / FWTM	56.0° / 78.0°
Efficiency	84 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F15412_ANGELETTE-DL	



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.