

ANGELA-W-B

~45° wide beam compatible with BJB and B+W connectors

SPECIFICATION:

Dimensions Ø 119.5 mm 74.5 mm Height Fastening socket yes 🕕 **ROHS** compliant



MATERIALS:

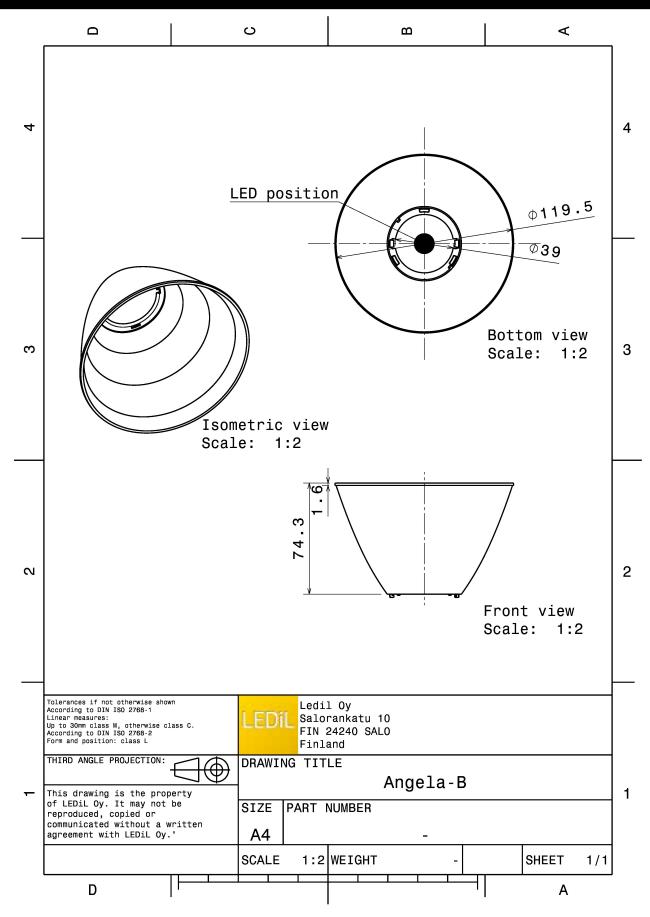
Component **Type** Material Colour **Finish** Coating Reflector ANGELA-W-B PC metal **HMDS**

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg) 9.1

F13664_ANGELA-W-B 180 90 45 » Box size: 398 x 298 x 265 mm

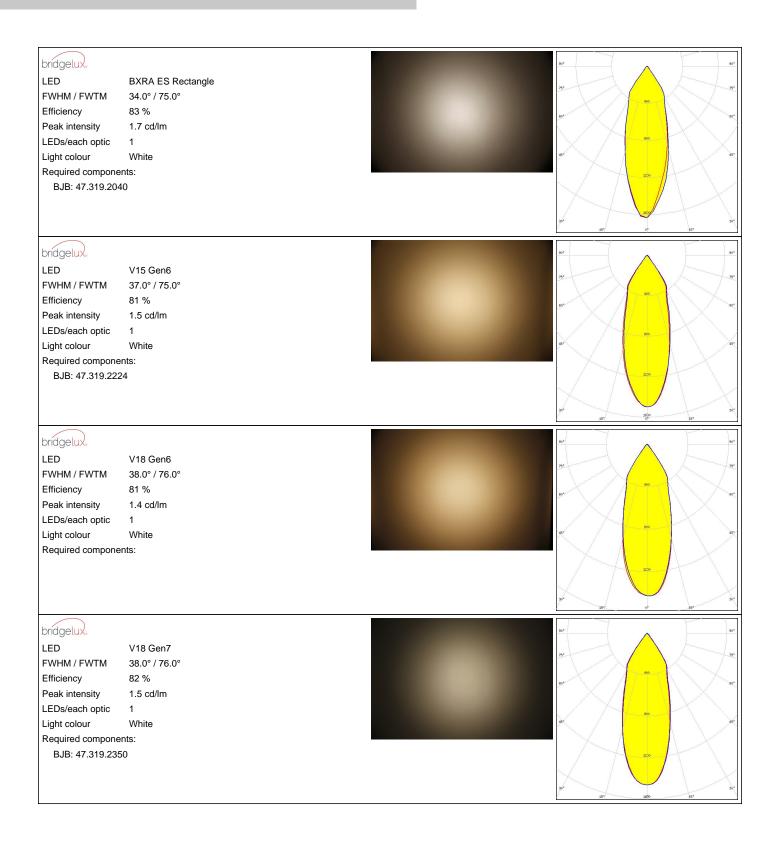




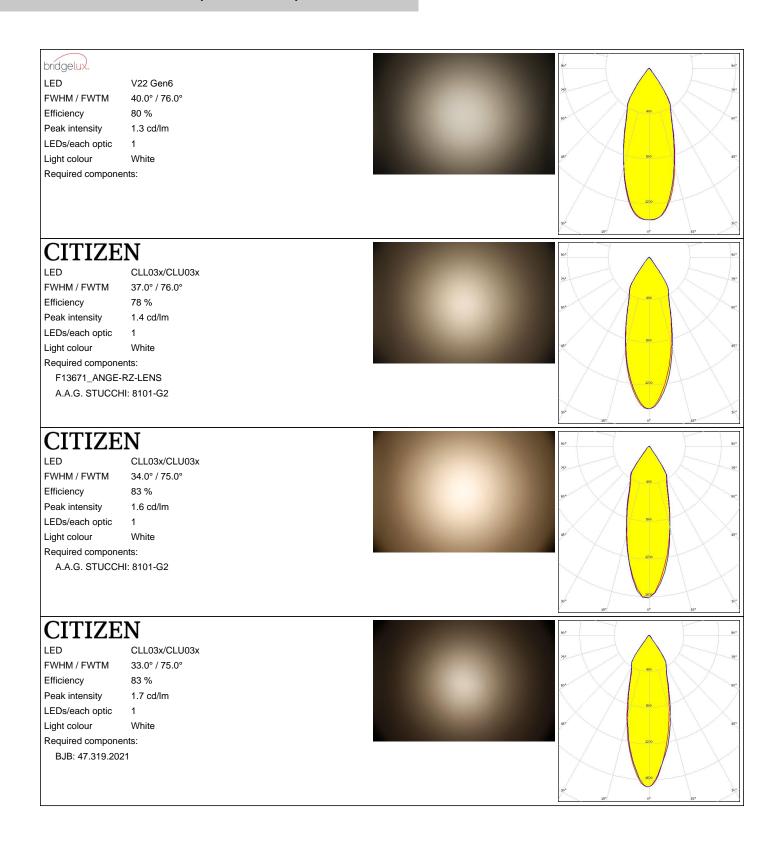
See also our general installation guide: www.ledil.com/installation_guide

Published: 30/04/2018

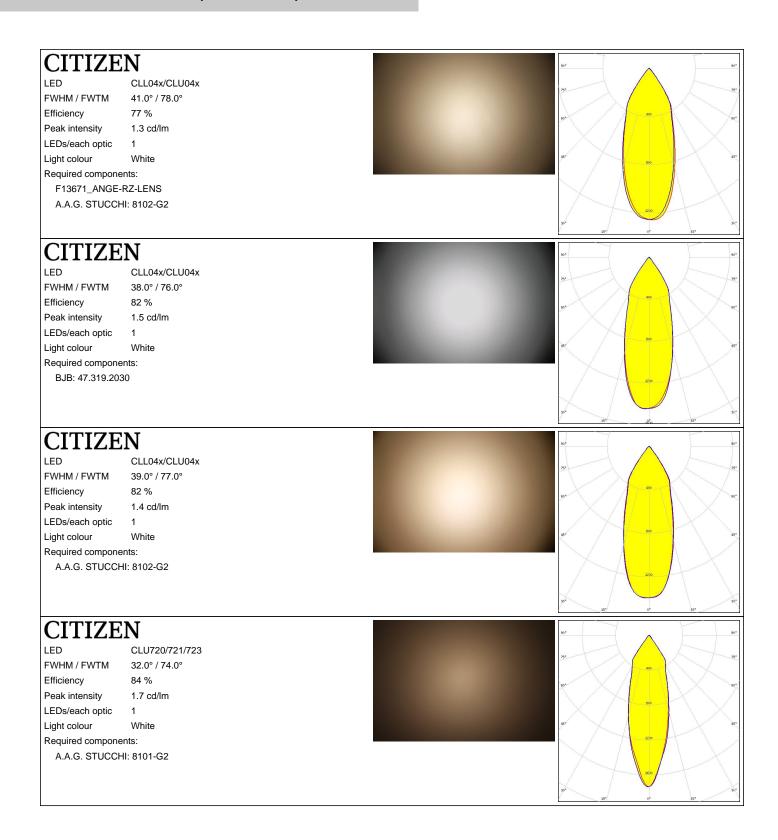




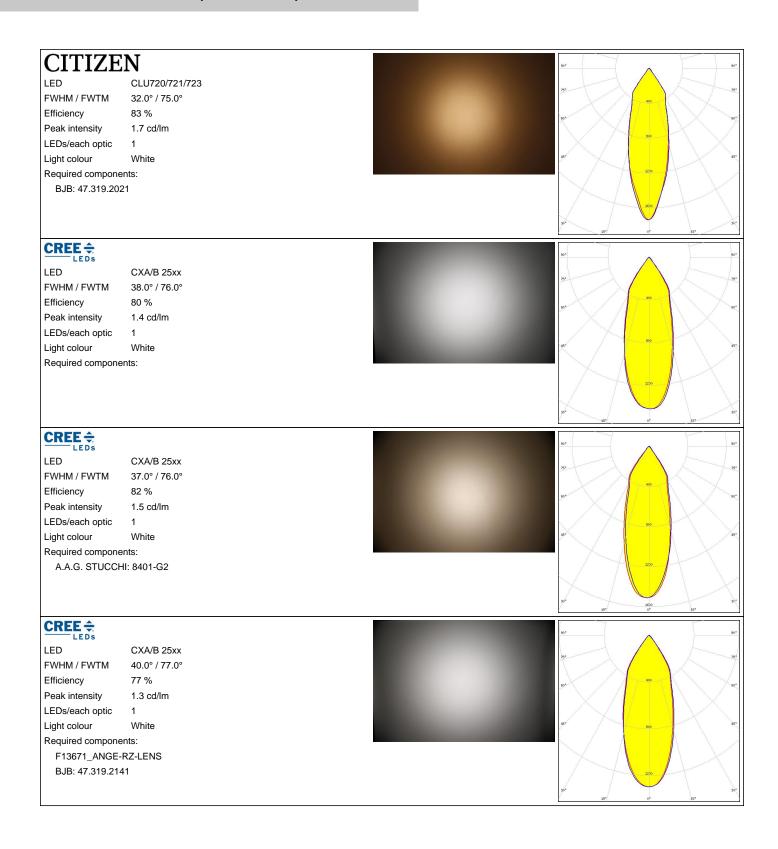




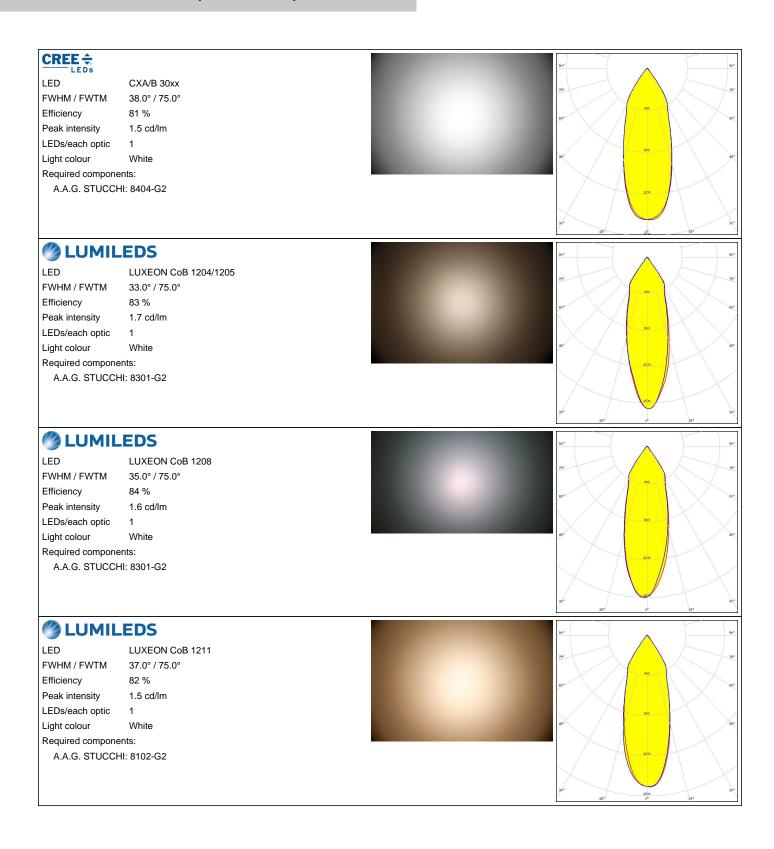






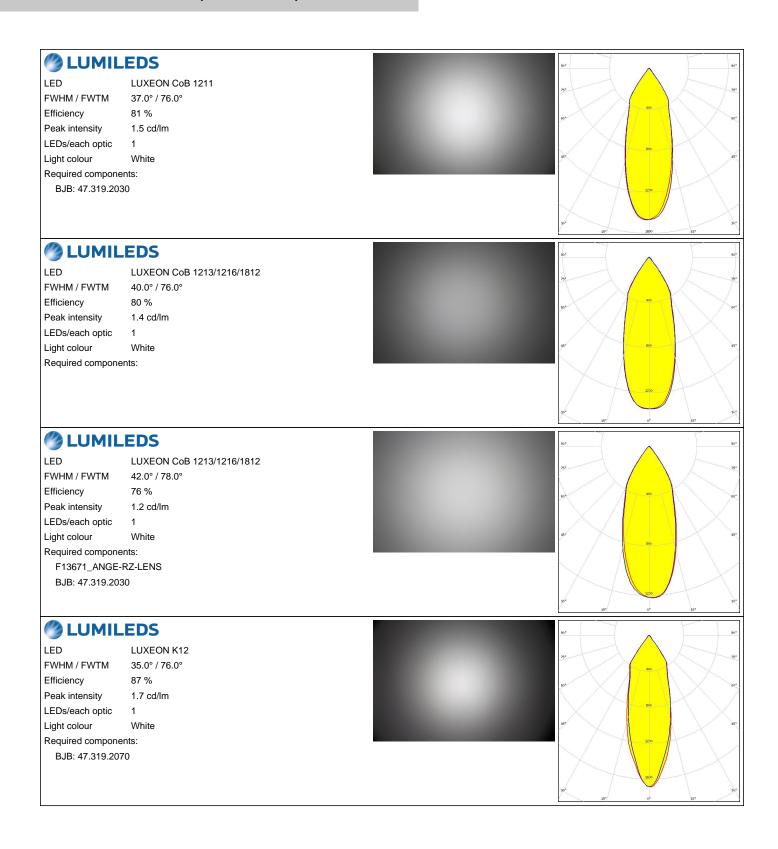




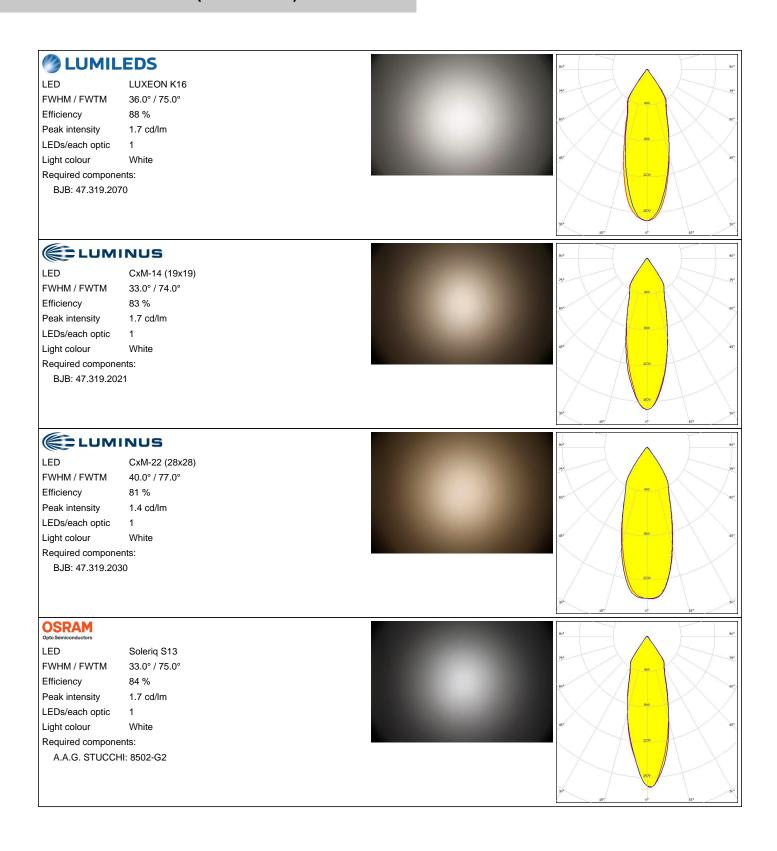


Published: 30/04/2018











OSRAM

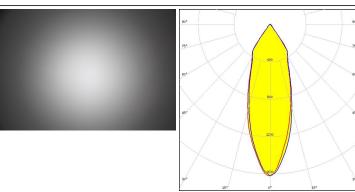
 LED
 Soleriq S13 19x19

 FWHM / FWTM
 34.0° / 75.0°

 Efficiency
 81 %

Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:

BJB: 47.319.2021

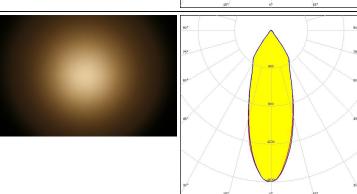


OSRAM

Opto Semiconductor

LED Soleriq S19
FWHM / FWTM 35.0° / 75.0°
Efficiency 83 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2170

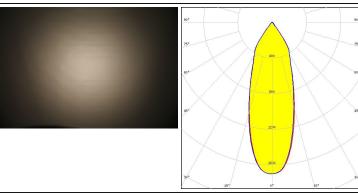


PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 35.0° / 75.0° Efficiency 87 % Peak intensity 1.7 cd/lm

Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 38.0° / 76.0°

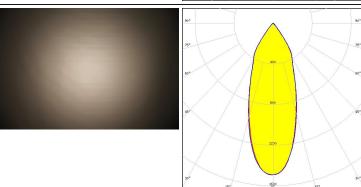
Efficiency 82 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour White

Required components: F13671_ANGE-RZ-LENS BJB: 47.319.2030



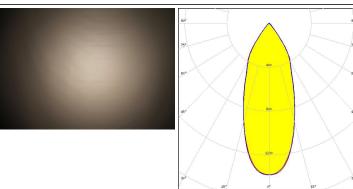


PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 40.0° / 77.0° Efficiency 82 % Peak intensity 1.4 cd/lm LEDs/each optic 1

Light colour White
Required components:
F13671_ANGE-RZ-LENS



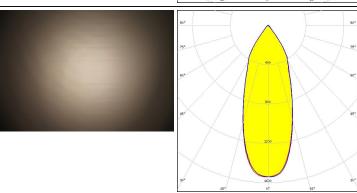
PHILIPS

BJB: 47.319.2030

LED Fortimo SLM L23 CoB

FWHM / FWTM 39.0° / 76.0°
Efficiency 86 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2030



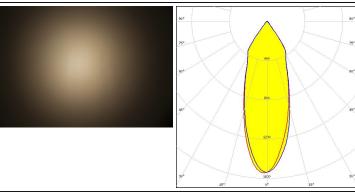
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 36.0° / 76.0°
Efficiency 82 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

A.A.G. STUCCHI: 8101-G2

Required components:

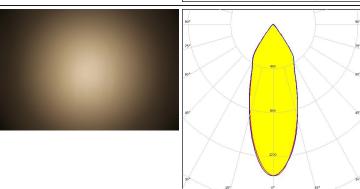


SAMSUNG

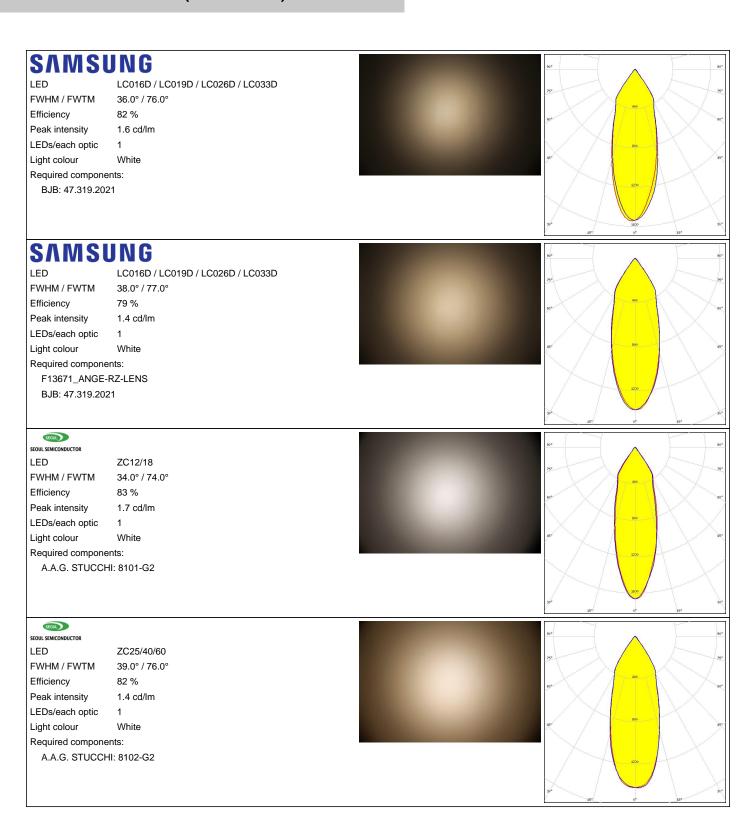
LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 38.0° / 77.0°
Efficiency 79 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8101-G2

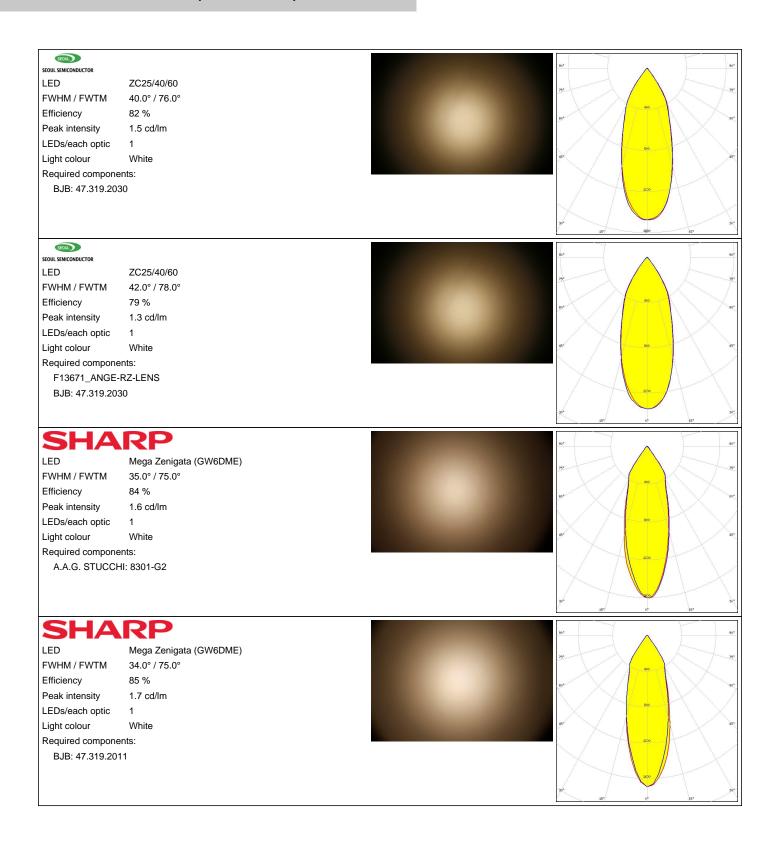




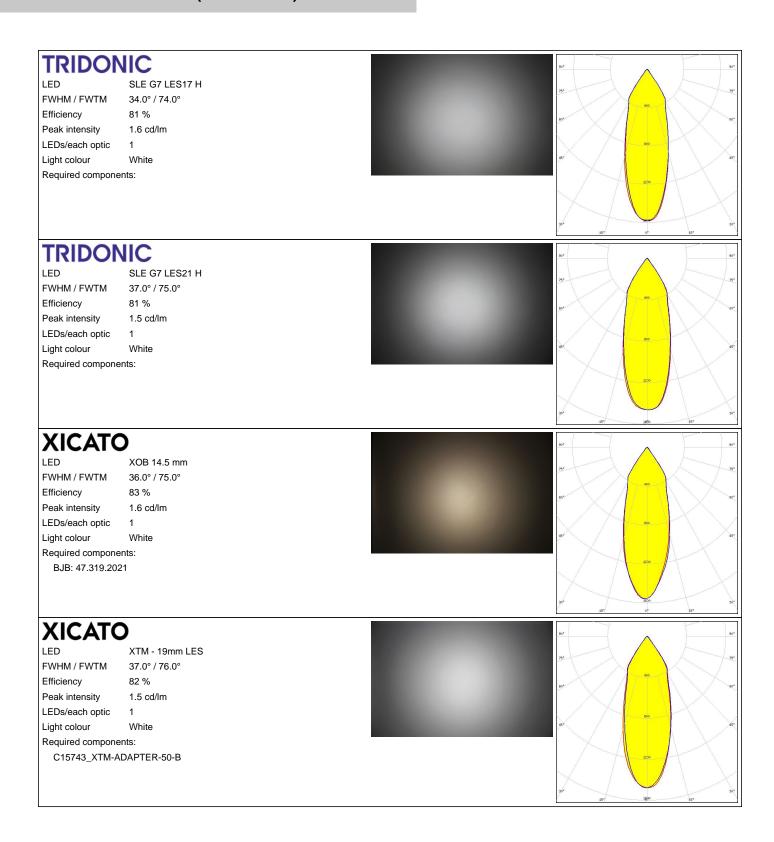


13/16











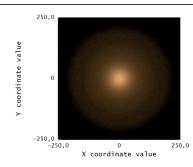
OPTICAL RESULTS (SIMULATED):

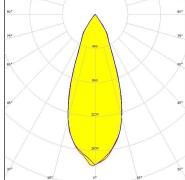


LED CLL03x/CLU03x
FWHM / FWTM 40.0° / 70.0°
Efficiency 85 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White

Required components: F13671_ANGE-RZ-LENS

BJB: 47.319.2021



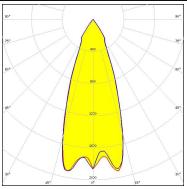


CITIZEN

LED CLU730/731/733
FWHM / FWTM 35.0° / 69.0°
Efficiency 91 %

Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030



SAMSUNG

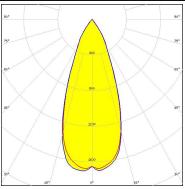
LED LC040D / LC060D / LC080D

White

FWHM / FWTM 40.0° / 70.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1

Required components: BJB: 47.319.2030

Light colour





PRODUCT DATASHEET F13664 ANGELA-W-B

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

16/16

www.ledil.com/ where_to_buy