

ANGELA-W-B

~45° compatible **BJB** wide beam with connectors

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

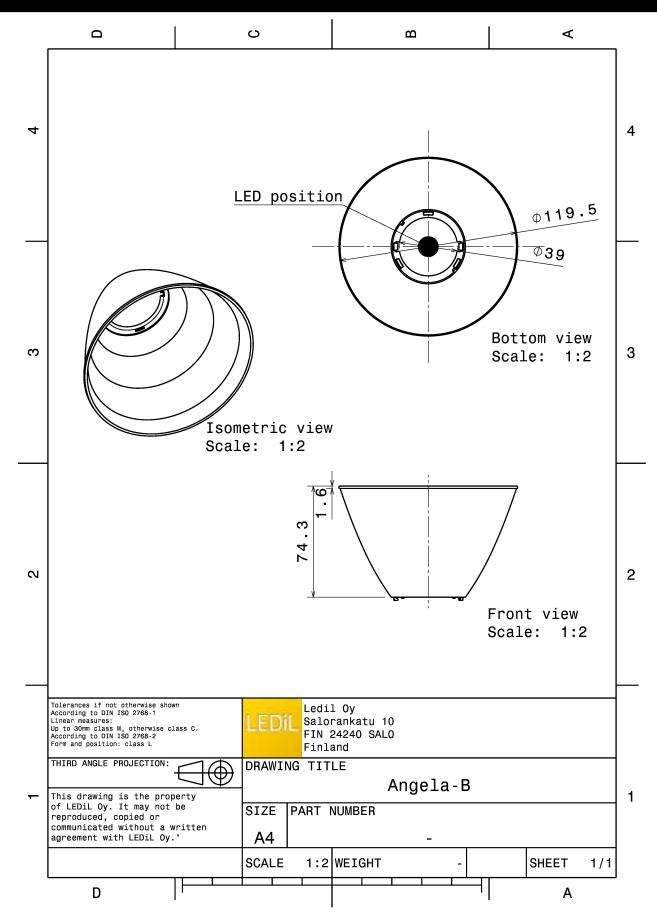
Component **Type** Material Colour **Finish** Coating Reflector ANGELA-W-B PC metal **HMDS**

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg) 90 45 9.1

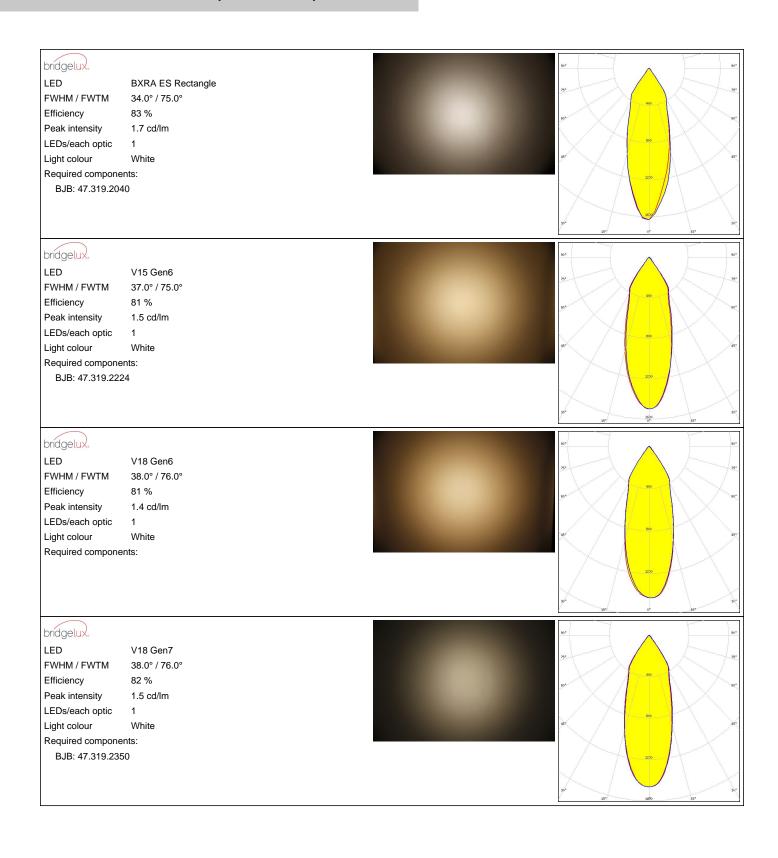
F13664_ANGELA-W-B 180 » Box size: 398 x 298 x 265 mm



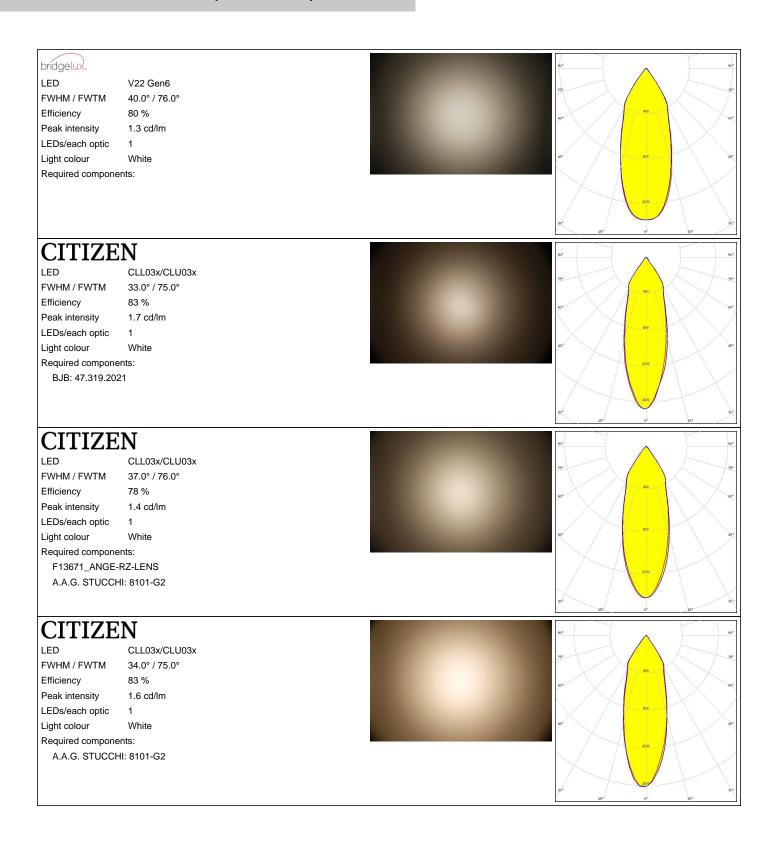


See also our general installation guide: www.ledil.com/installation_guide

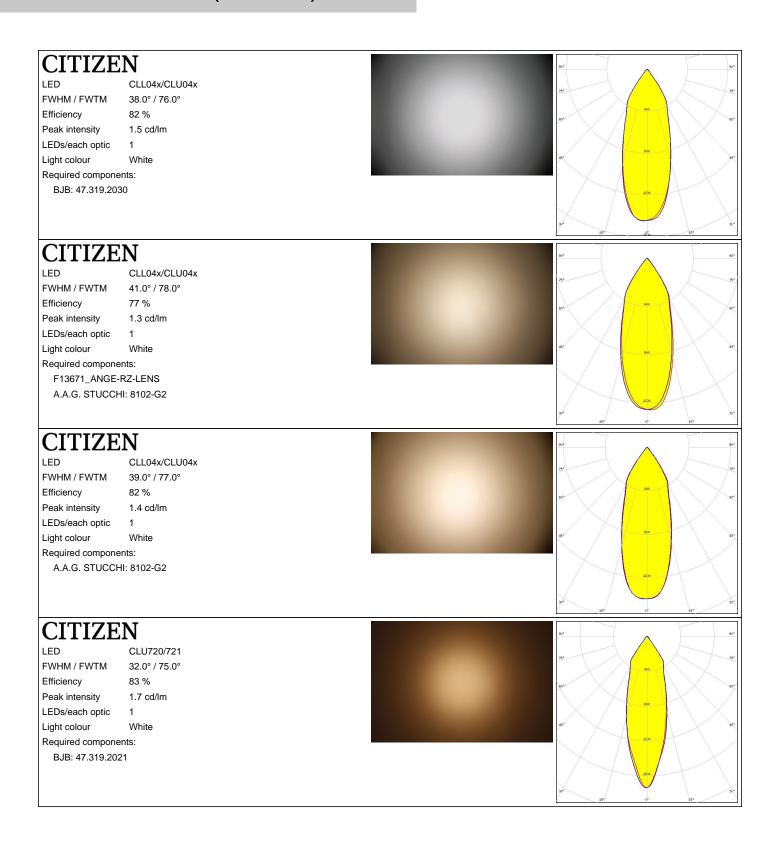




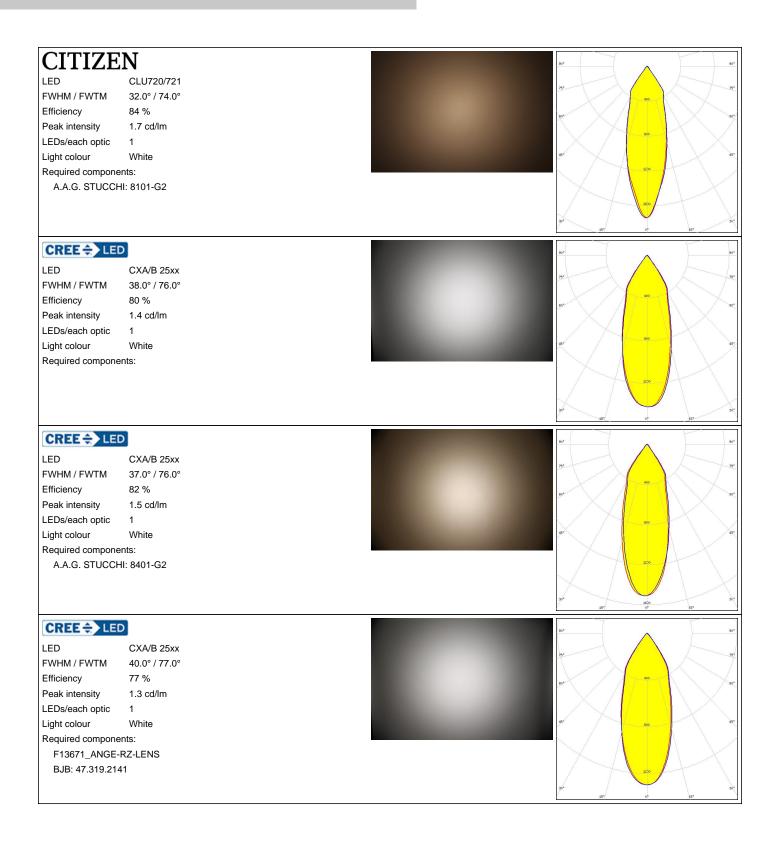




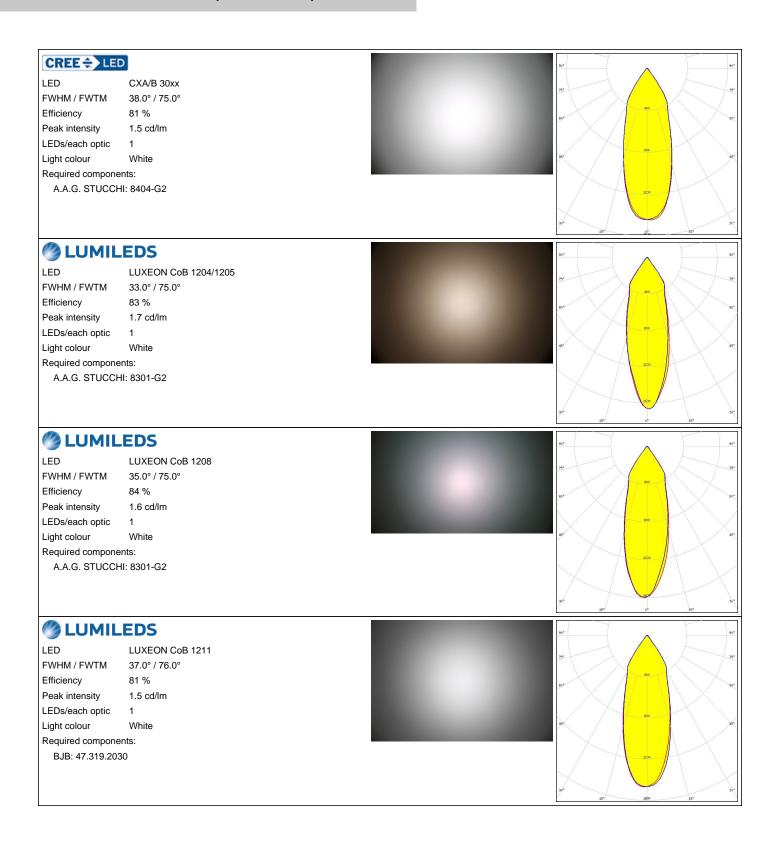




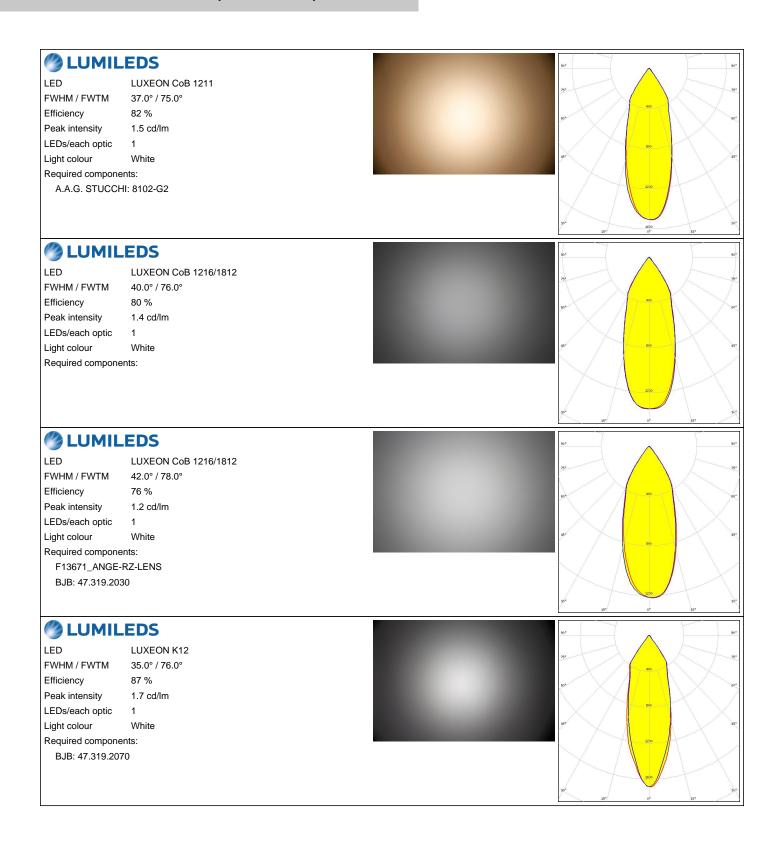






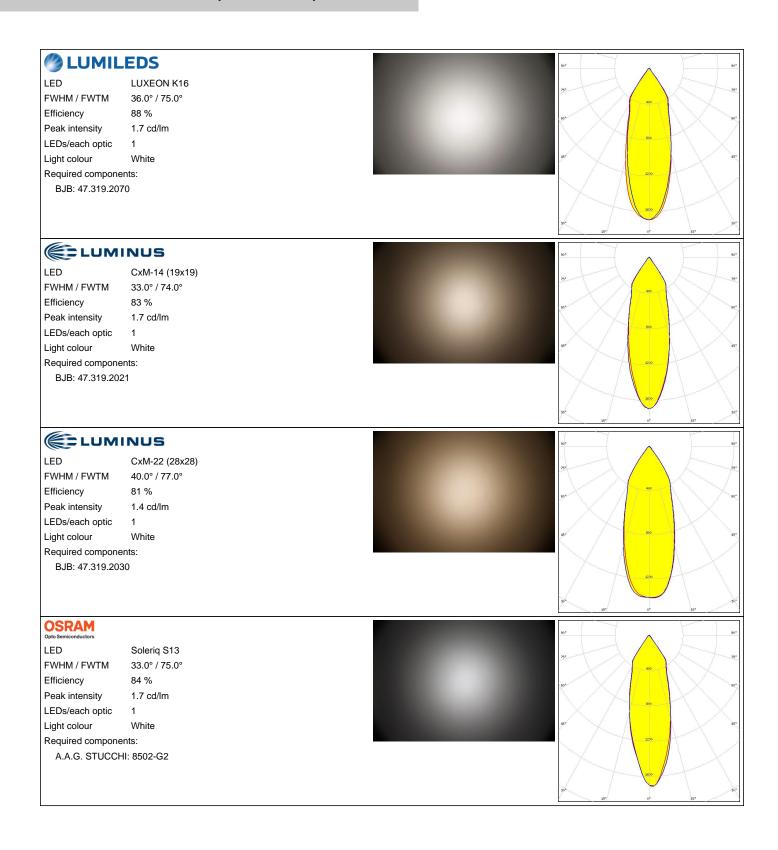






Published: 30/04/2018







OSRAM

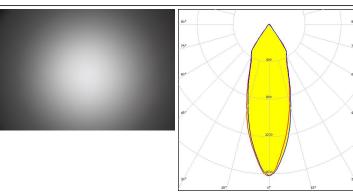
 LED
 Soleriq S13 19x19

 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

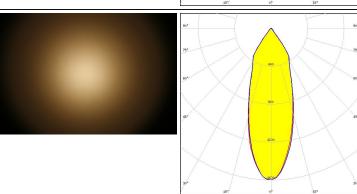


OSRAM

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

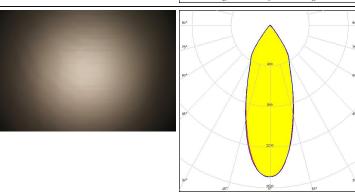
LED Fortimo SLM L19 CoB

 FWHM / FWTM
 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

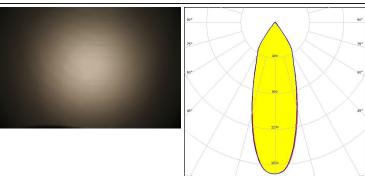


PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 35.0° / 75.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030



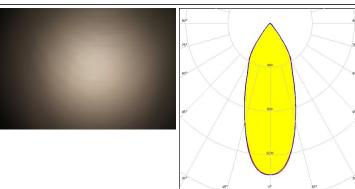


PHILIPS

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



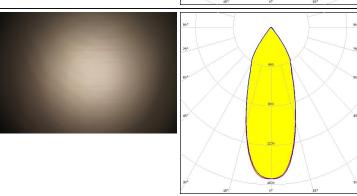
PHILIPS

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

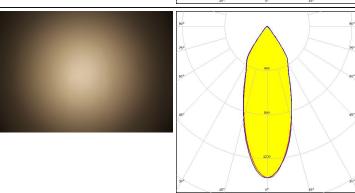


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 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
BJB: 47.319.2021

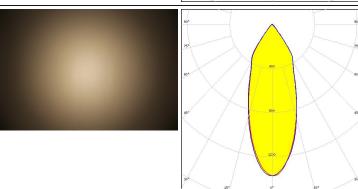


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

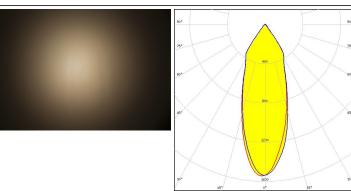
FWHM / FWTM 38.0° / 77.0°
Efficiency 79 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

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





SAMSUNG LC016D / LC019D / LC026D / LC033D $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 36.0° / 76.0° Efficiency 82 % Peak intensity 1.6 cd/lm LEDs/each optic Light colour White



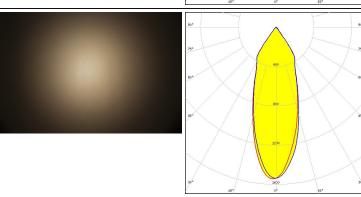
SAMSUNG

Required components: BJB: 47.319.2021

LED LC016D / LC019D / LC026D / LC033D

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

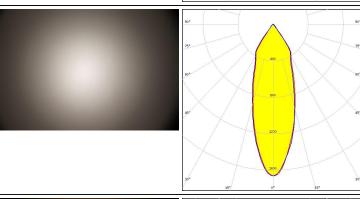
A.A.G. STUCCHI: 8101-G2



SEOUL

LED ZC12/18 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 34.0° / 74.0° Efficiency 83 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour White Required components:

A.A.G. STUCCHI: 8101-G2

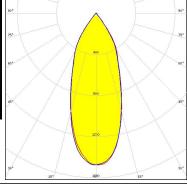


SEOUL SEOUL SEMICONDUCTOR

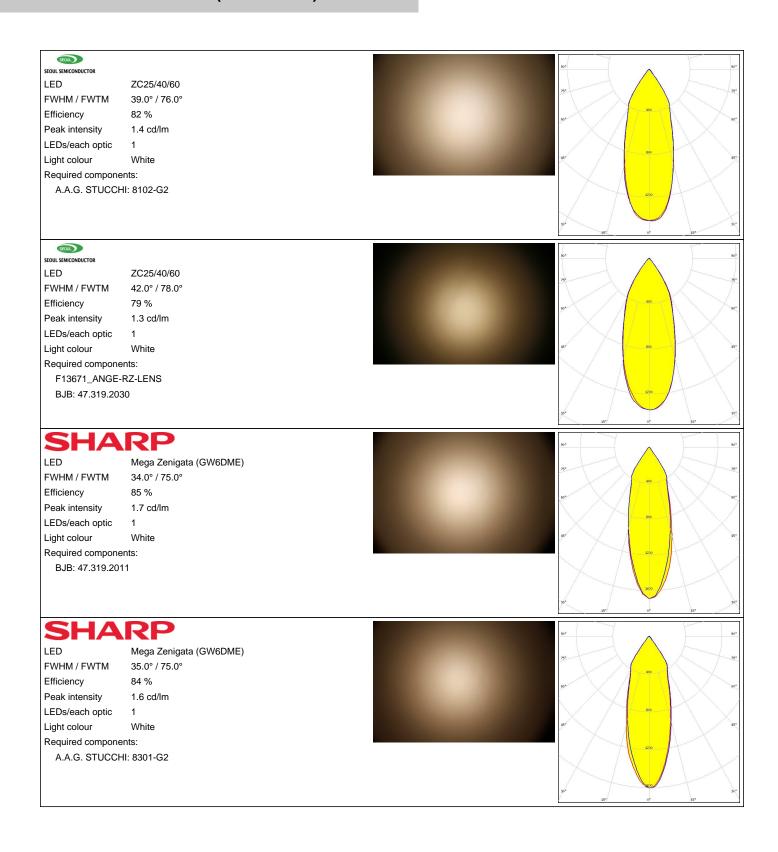
LED ZC25/40/60 FWHM / FWTM 40.0° / 76.0° Efficiency 82 % Peak intensity 1.5 cd/lm LEDs/each optic White Light colour Required components:

BJB: 47.319.2030

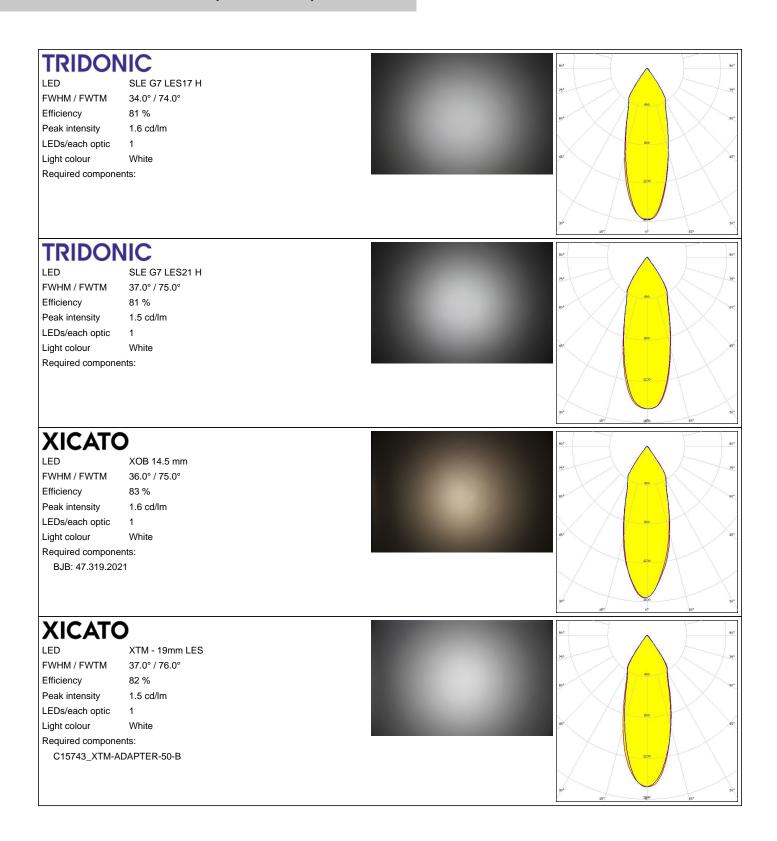












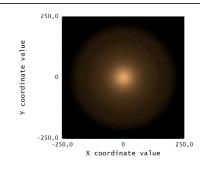


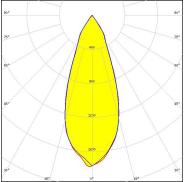
PHOTOMETRIC DATA (SIMULATED):

CITIZEN

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

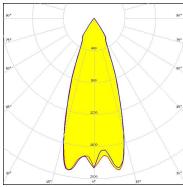




CITIZEN

LED CLU730/731
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

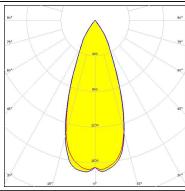


SAMSUNG

LED LC040D / LC060D / LC080D

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

Required components: BJB: 47.319.2030





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.

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