

ANGELINA-M-B

~30° medium beam compatible with BJB and B+W connectors

SPECIFICATION:

Dimensions Ø 82.0 mm
Height 31 mm
Fastening socket
ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialColourFinishCoatingANGELINA-M-BReflectorPCmetalHMDS

ORDERING INFORMATION:

Component

F13660_ANGELINA-M-B

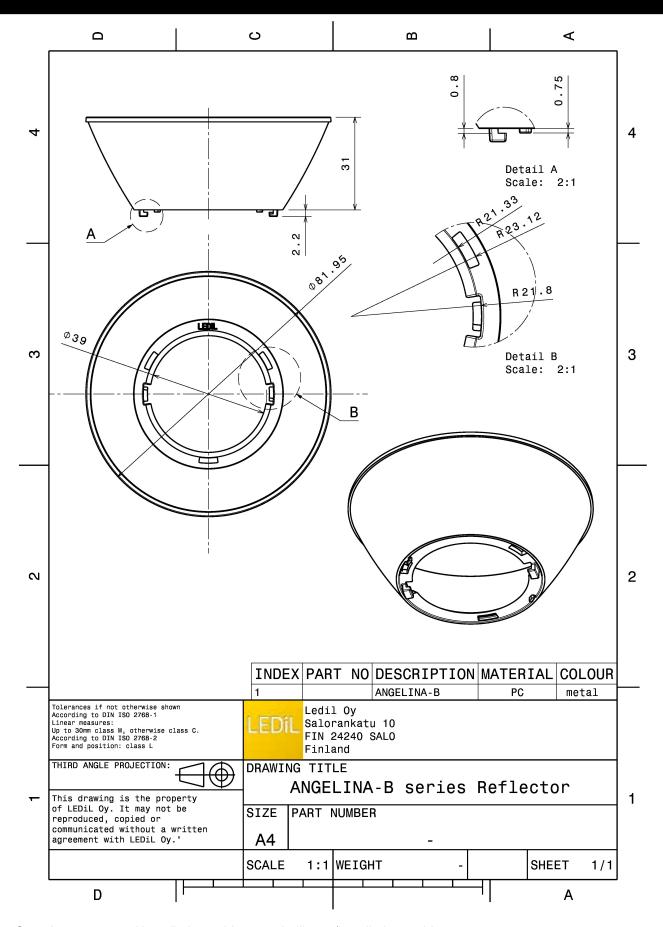
» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg)

825 110 55 10.0

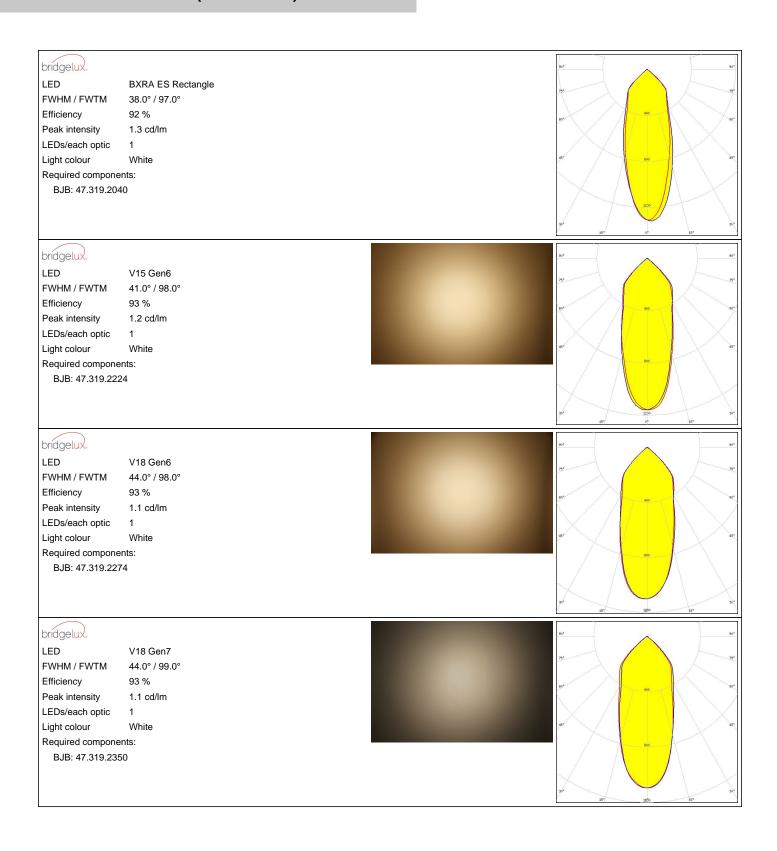
Published: 02/05/2018

PRODUCT DATASHEET F13660_ANGELINA-M-B

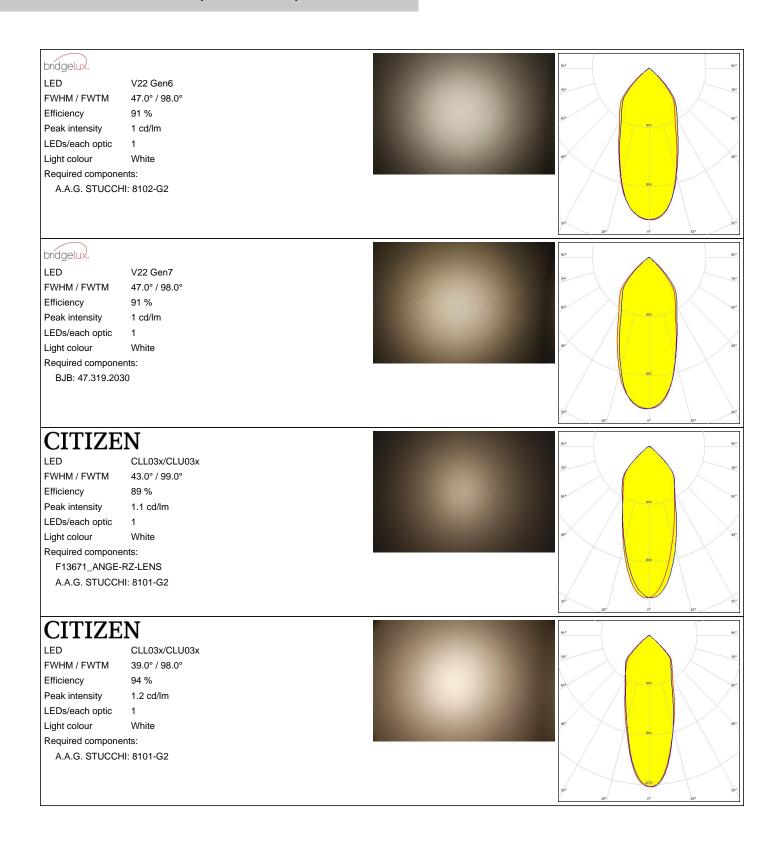


See also our general installation guide: www.ledil.com/installation_guide





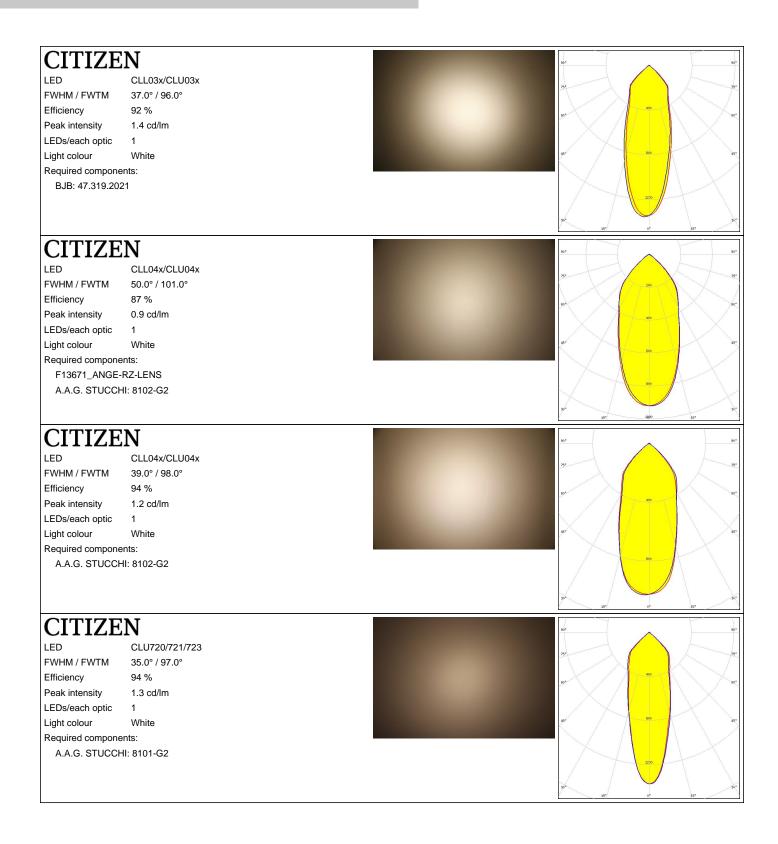




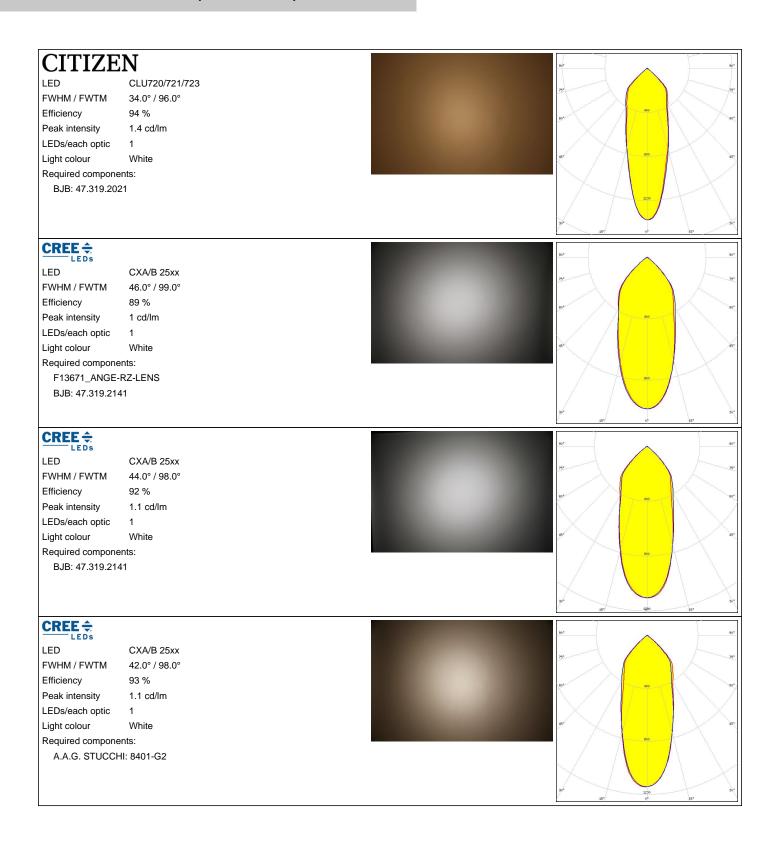
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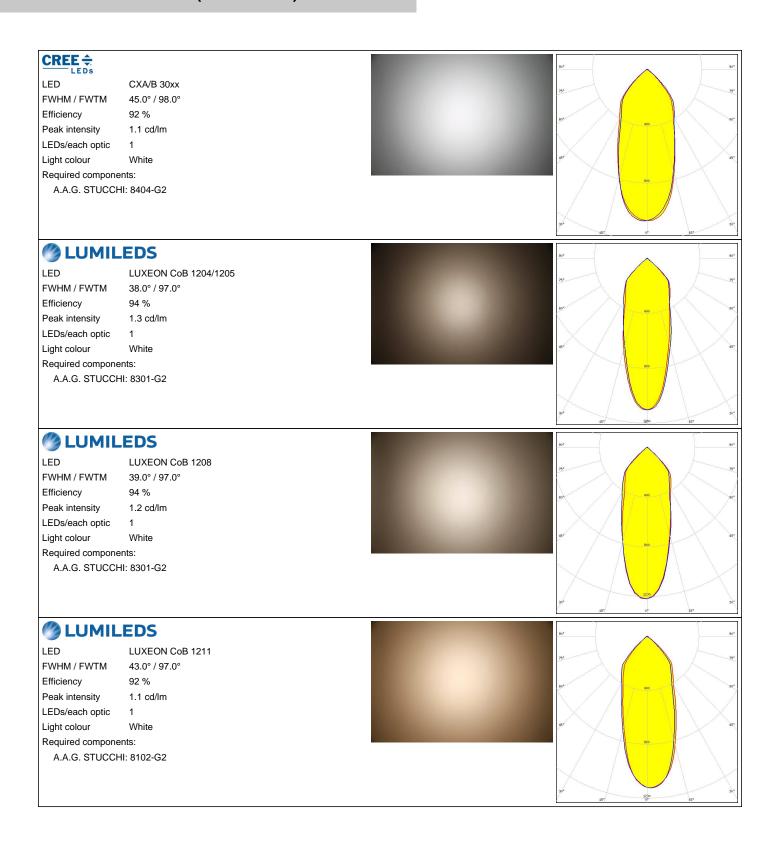




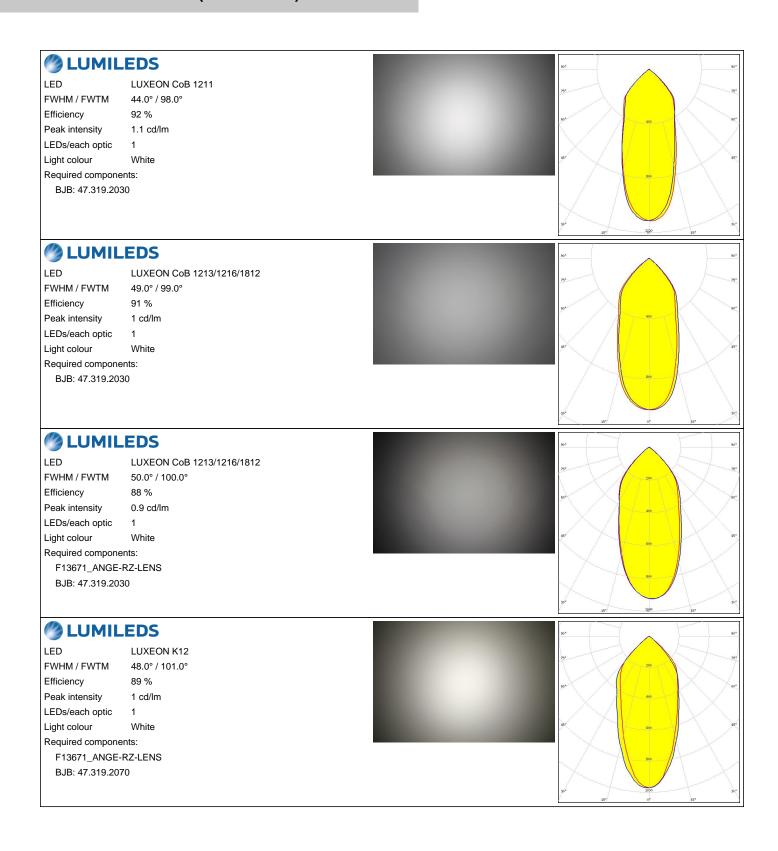




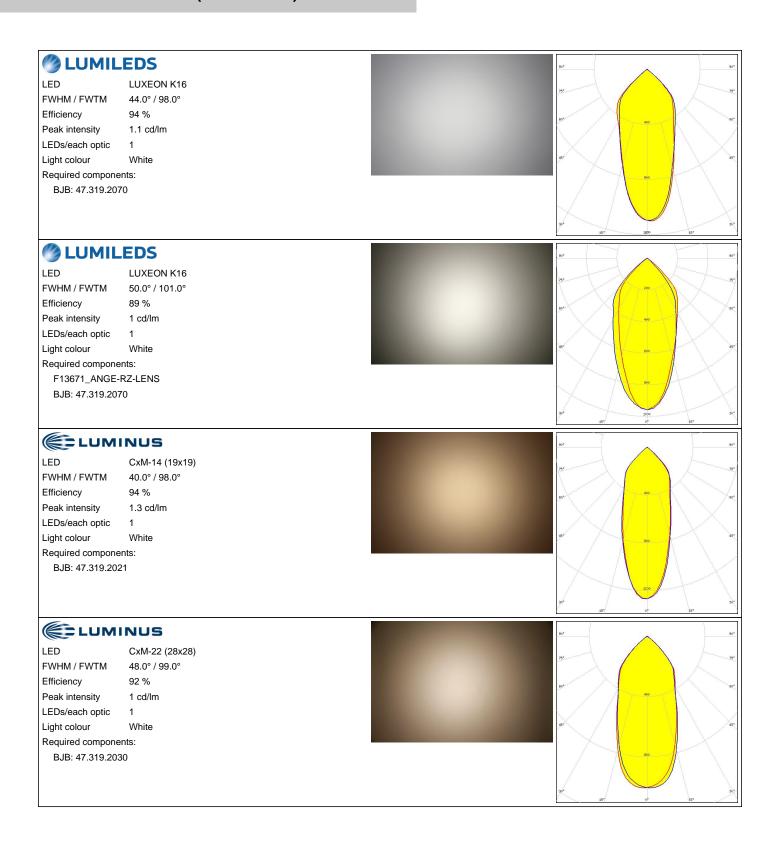




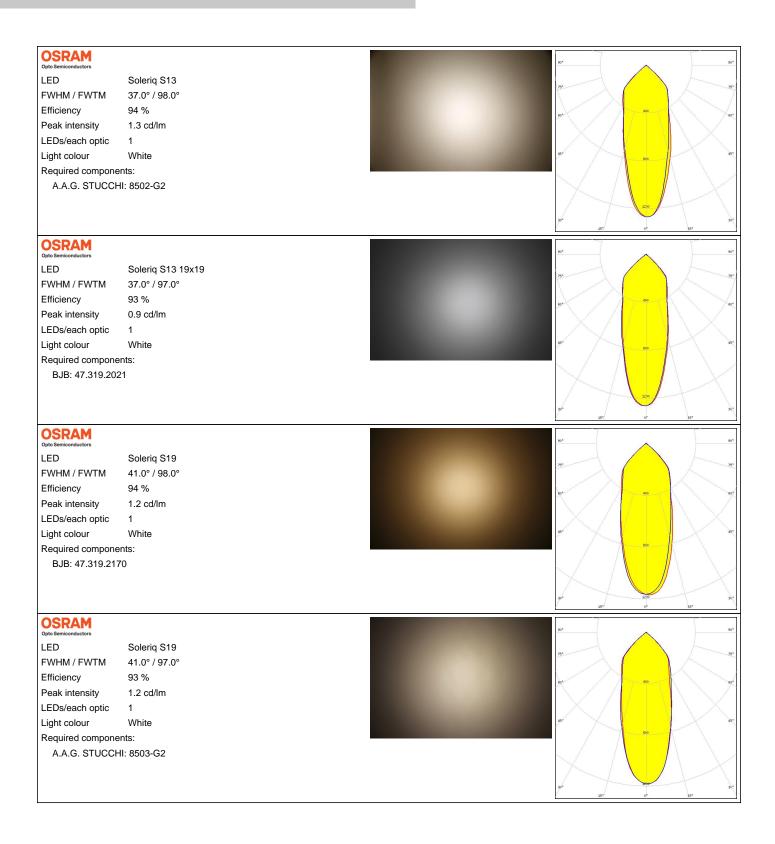












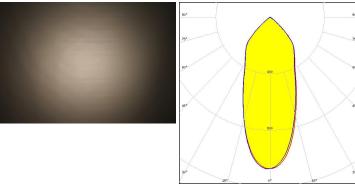


PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 42.0° / 98.0° Efficiency 88 % Peak intensity 1.1 cd/lm LEDs/each optic 1

Light colour White
Required components:
F13671_ANGE-RZ-LENS



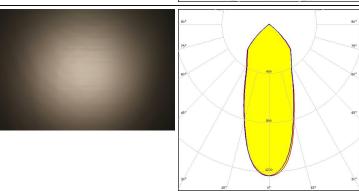
PHILIPS

BJB: 47.319.2030

LED Fortimo SLM L19 CoB

FWHM / FWTM 40.0° / 97.0° Efficiency 93 % Peak intensity 1.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



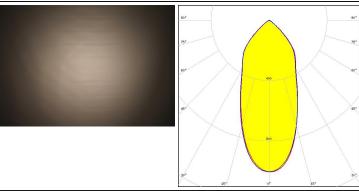
PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 45.0° / 99.0° Efficiency 88 % Peak intensity 1 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F13671_ANGE-RZ-LENS BJB: 47.319.2030



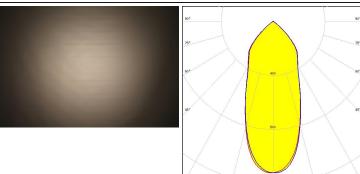
PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 44.0° / 98.0° Efficiency 93 % Peak intensity 1.1 cd/lm LEDs/each optic 1

Light colour White Required components:

BJB: 47.319.2030



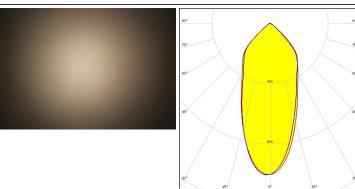


SAMSUNG

LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 45.0° / 100.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic Light colour White Required components:

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

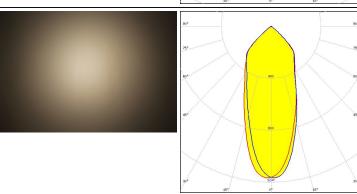


SAMSUNG

LC016D / LC019D / LC026D / LC033D LED

FWHM / FWTM 41.0° / 98.0° Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic 1 White Light colour Required components:

A.A.G. STUCCHI: 8101-G2

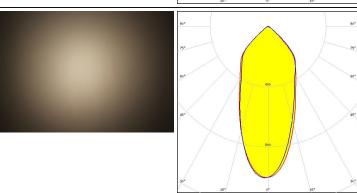


SAMSUNG

LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 45.0° / 100.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic

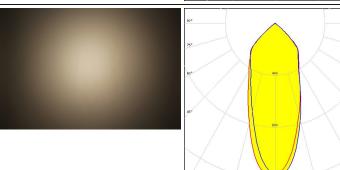
Light colour White Required components: F13671_ANGE-RZ-LENS BJB: 47.319.2021



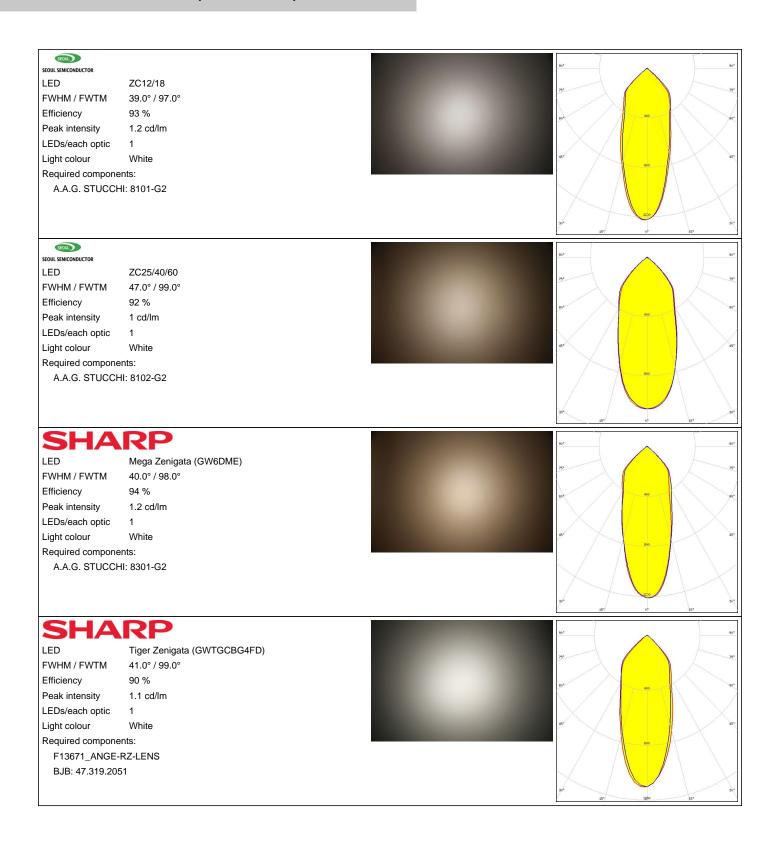
SAMSUNG

LC016D / LC019D / LC026D / LC033D

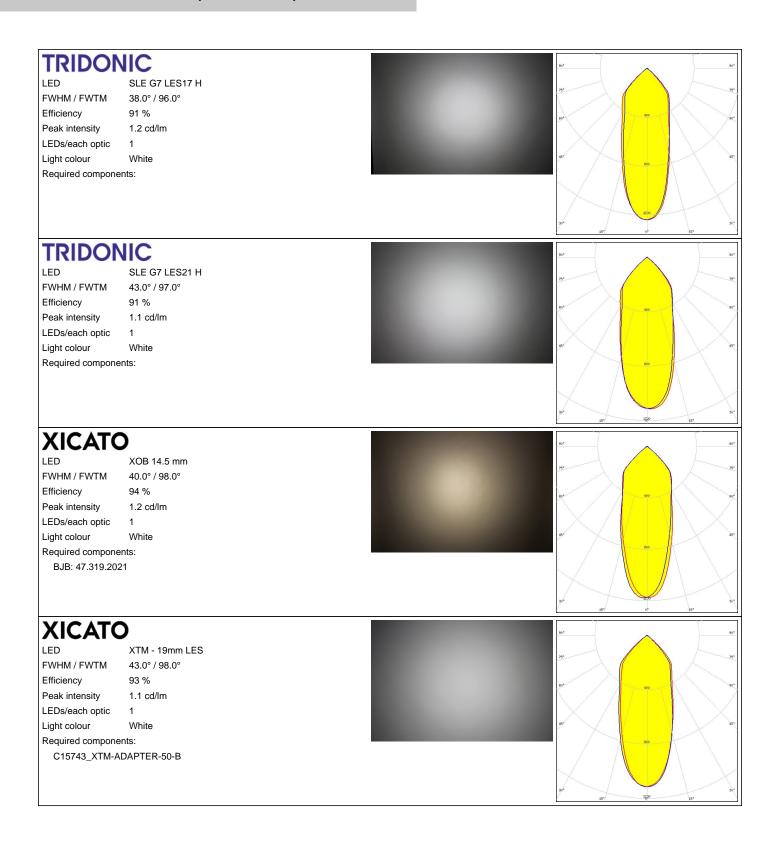
FWHM / FWTM 41.0° / 98.0° Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic White Light colour Required components: BJB: 47.319.2021













OPTICAL RESULTS (SIMULATED):

CITIZEN

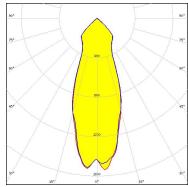
LED CLL04x/CLU04x
FWHM / FWTM 37.0° / 90.0°
Efficiency 95 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030

CITIZEN

LED CLU730/731/733
FWHM / FWTM 37.0° / 93.0°
Efficiency 91 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Required components: BJB: 47.319.2030

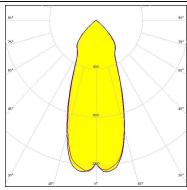


SAMSUNG

LED LC040D / LC060D / LC080D

FWHM / FWTM 41.0° / 94.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Required components: BJB: 47.319.2030



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PRODUCT DATASHEET F13660_ANGELINA-M-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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