

ANGELINA-S-B

~20° spot beam compatible with BJB and B+W connectors

SPECIFICATION:

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



MATERIALS:

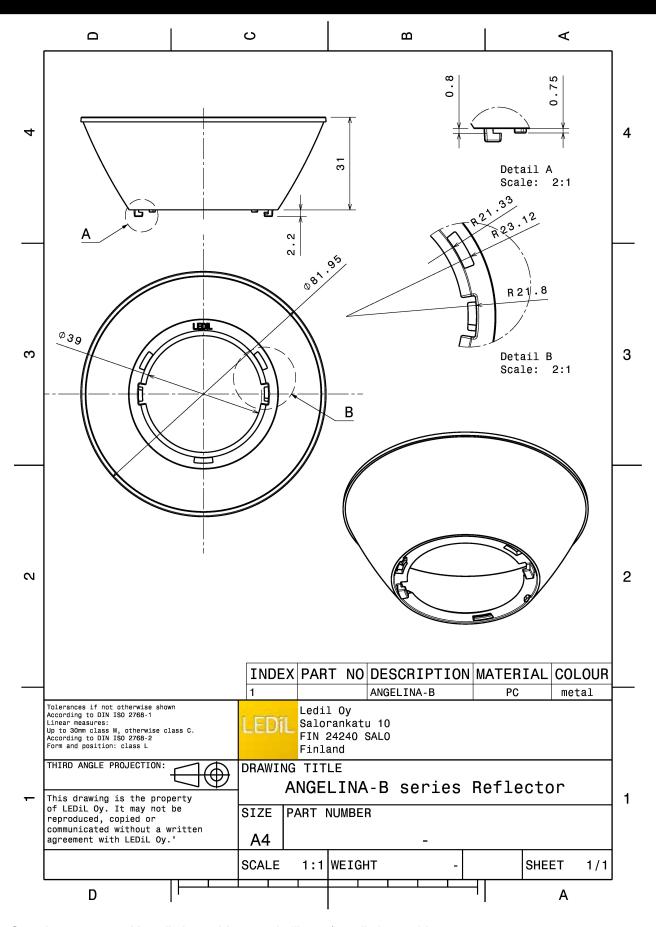
Component	Туре	Material	Colour	Finish	Coating
ANGELINA-S-B	Reflector	PC	metal		HMDS

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg) F13659_ANGELINA-S-B 825 110 55 11.3

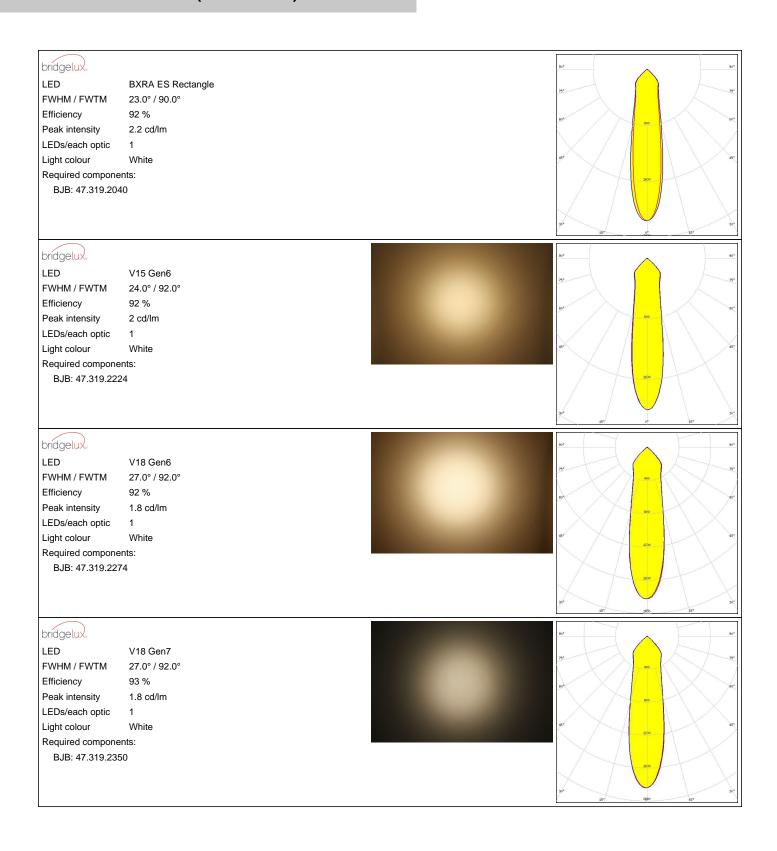
» Box size: 480 x 280 x 300 mm

LEDIL

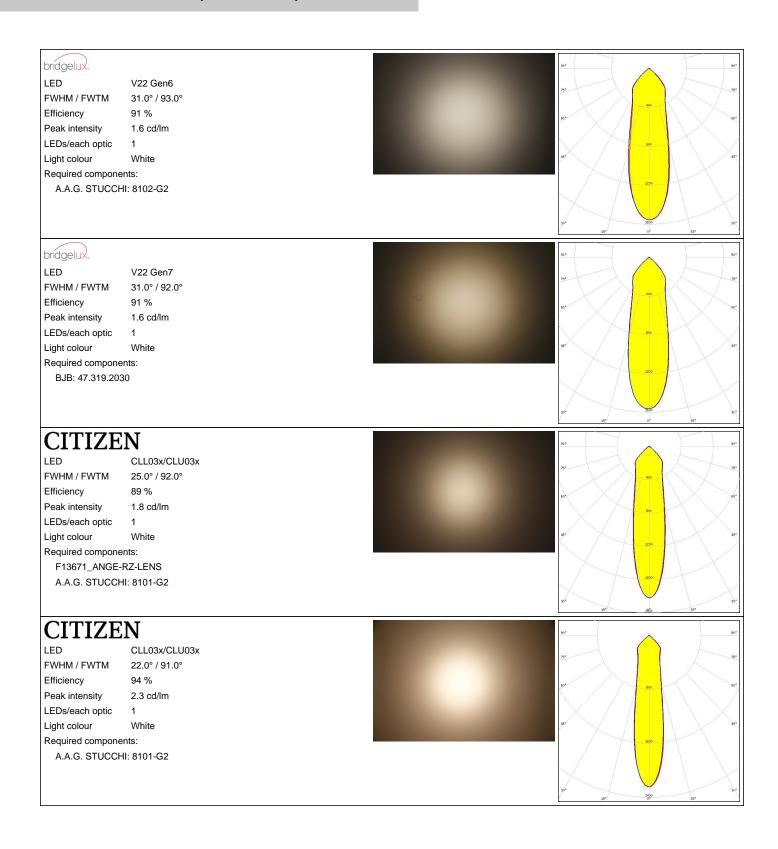


See also our general installation guide: www.ledil.com/installation_guide

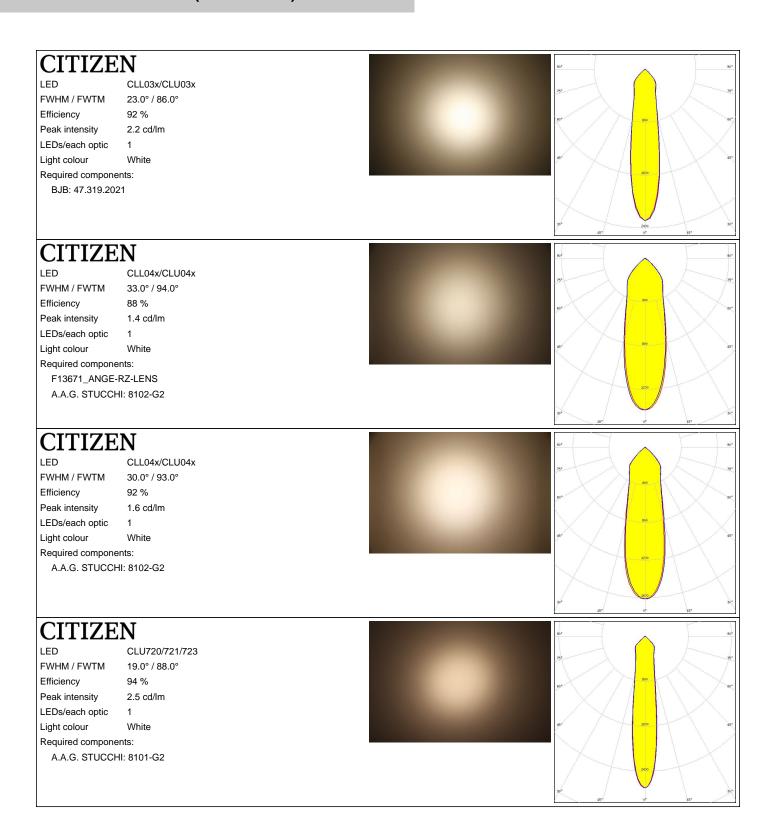




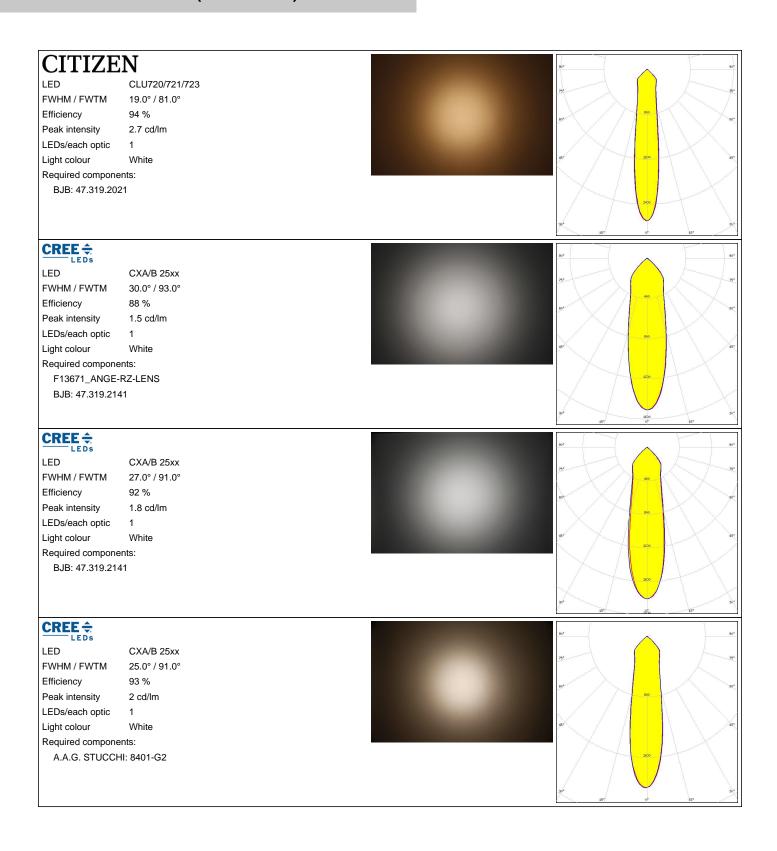




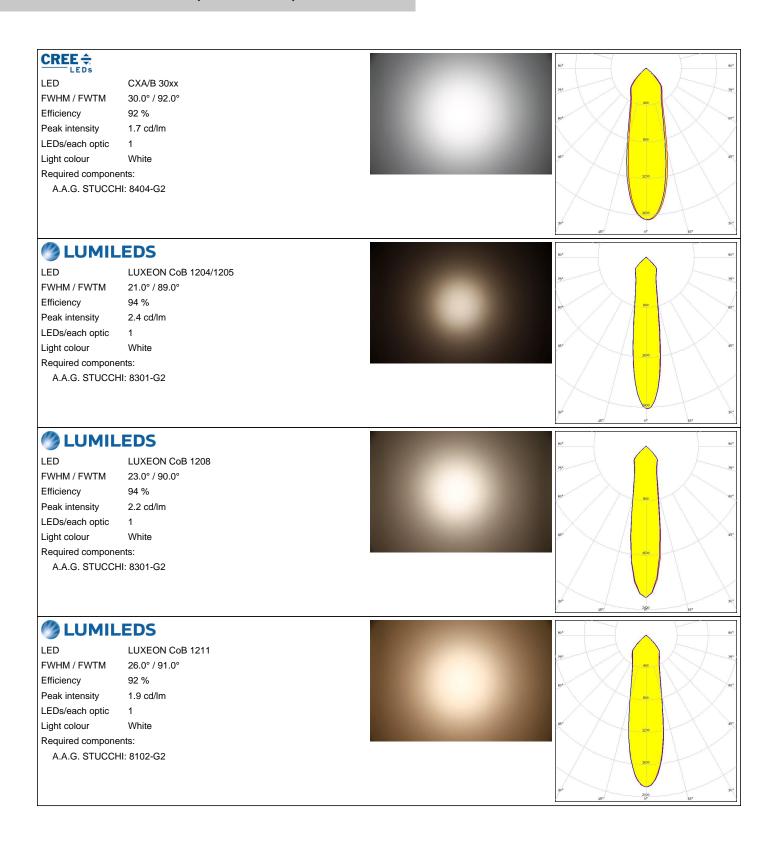




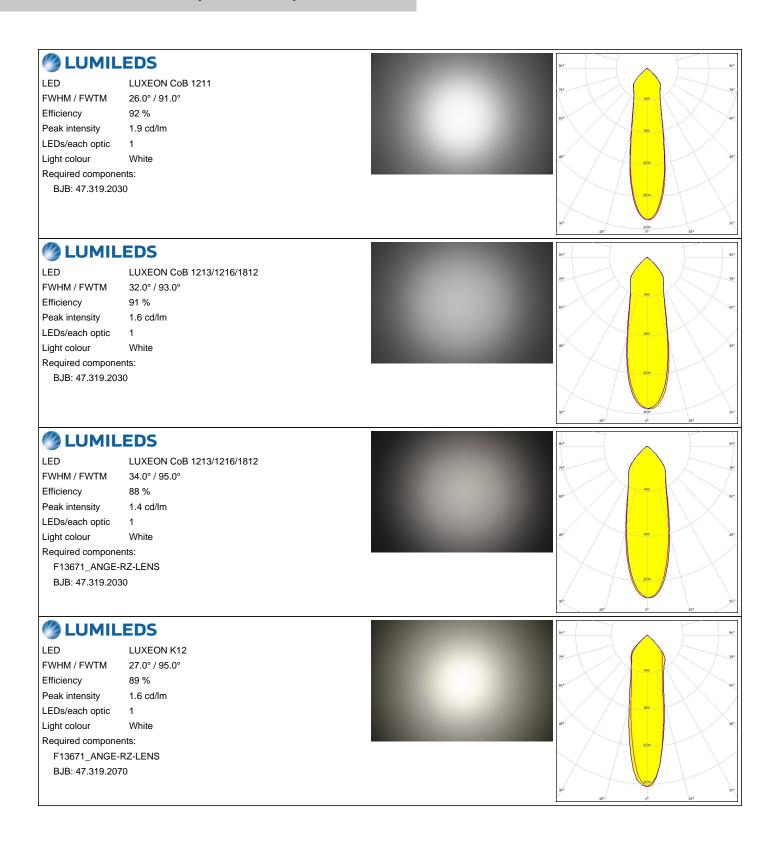






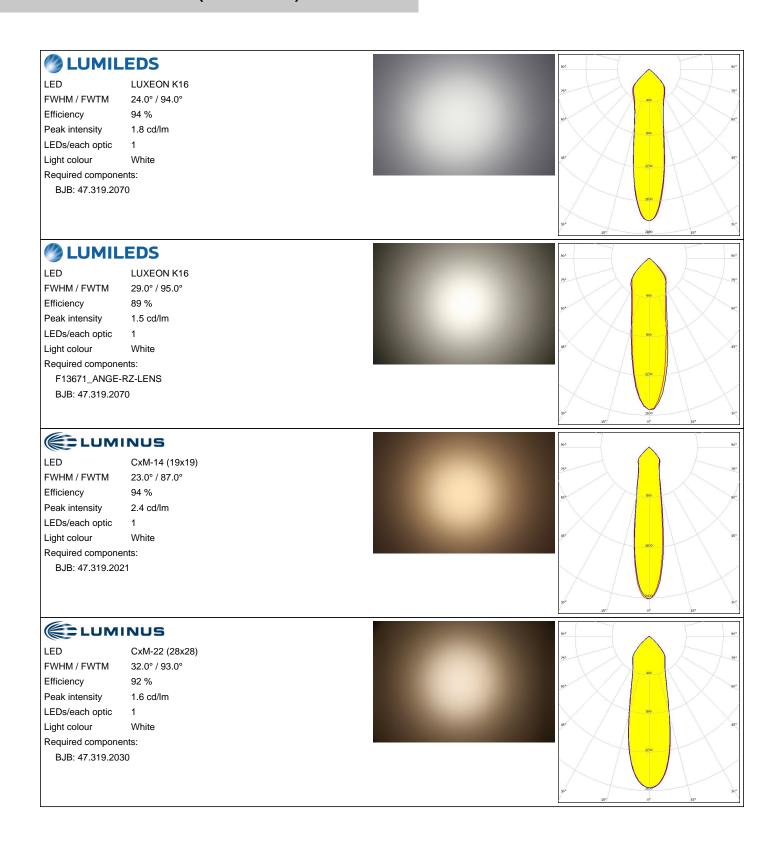




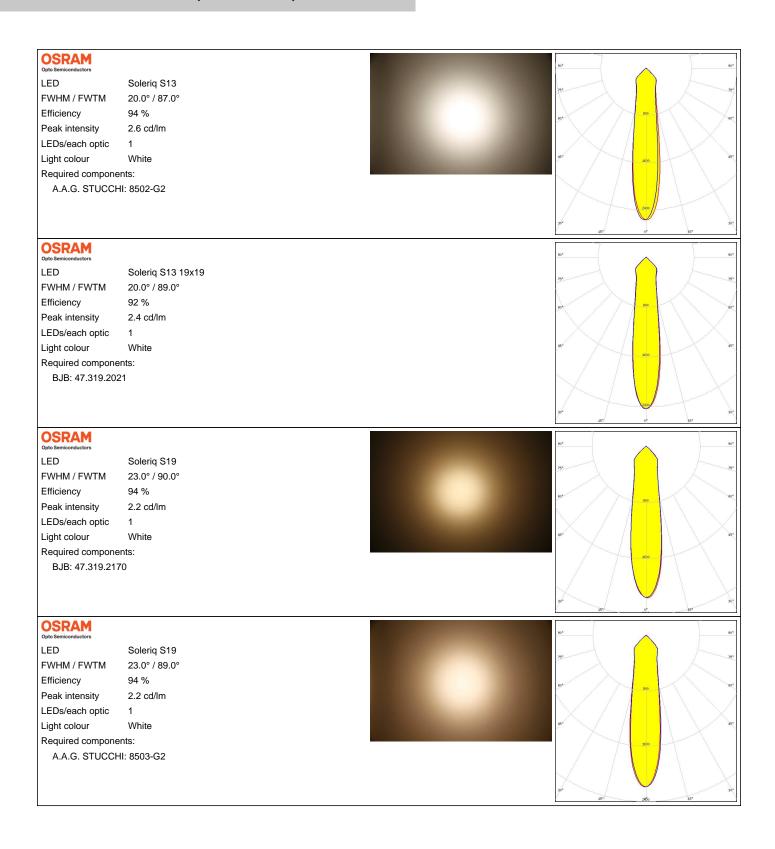


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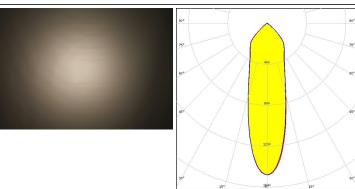
PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 30.0° / 94.0°
Efficiency 88 %
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

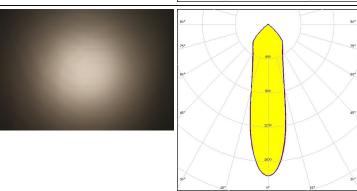
FWHM / FWTM 27.0° / 92.0°

Efficiency 93 %

Peak intensity 1.8 cd/lm

LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2030



PHILIPS

LED Fortimo SLM L23 CoB

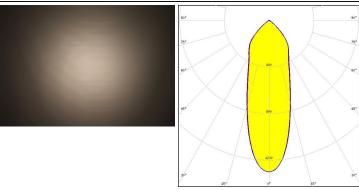
 FWHM / FWTM
 34.0° / 95.0°

 Efficiency
 88 %

 Peak intensity
 1.3 cd/lm

LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS

F13671_ANGE-RZ-LEN: BJB: 47.319.2030



PHILIPS

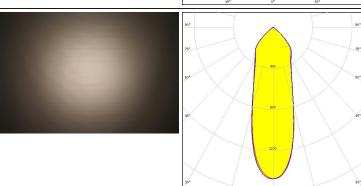
LED Fortimo SLM L23 CoB

White

FWHM / FWTM 32.0° / 95.0° Efficiency 93 % Peak intensity 1.5 cd/lm LEDs/each optic 1

Required components: BJB: 47.319.2030

Light colour



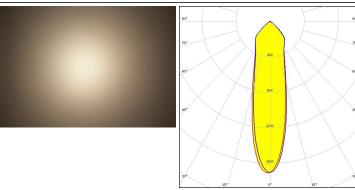


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 27.0° / 93.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8101-G2

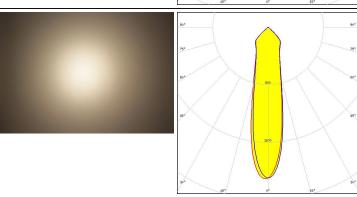


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 24.0° / 91.0°
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

A.A.G. STUCCHI: 8101-G2

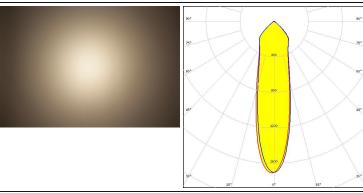


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 27.0° / 93.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F13671_ANGE-RZ-LENS BJB: 47.319.2021

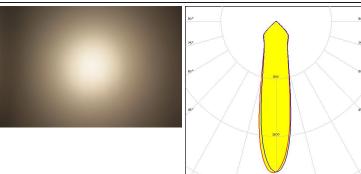


SAMSUNG

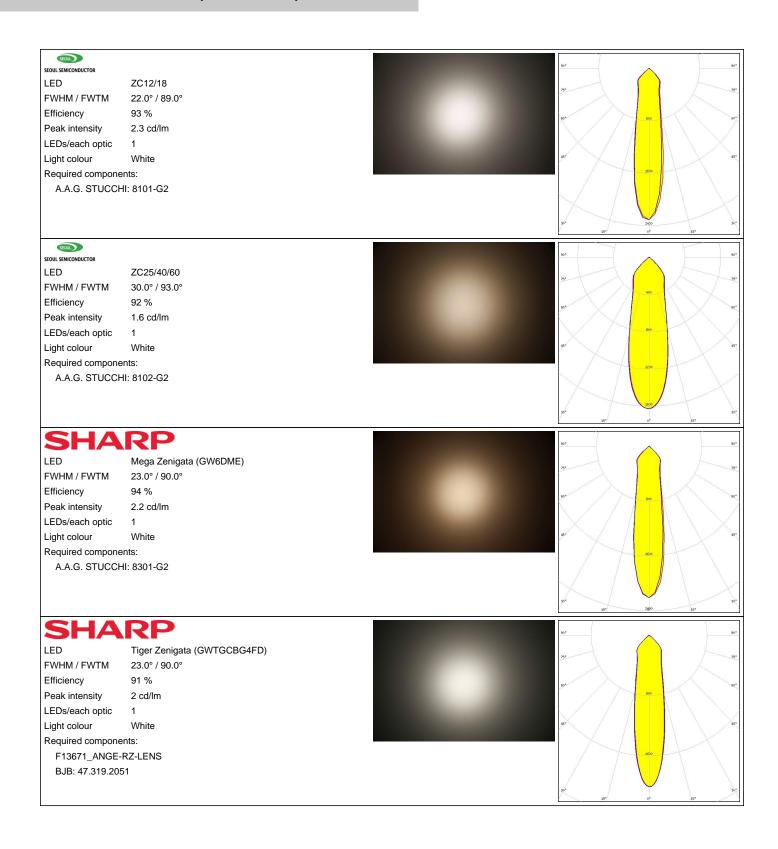
LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 24.0° / 91.0°
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

BJB: 47.319.2021

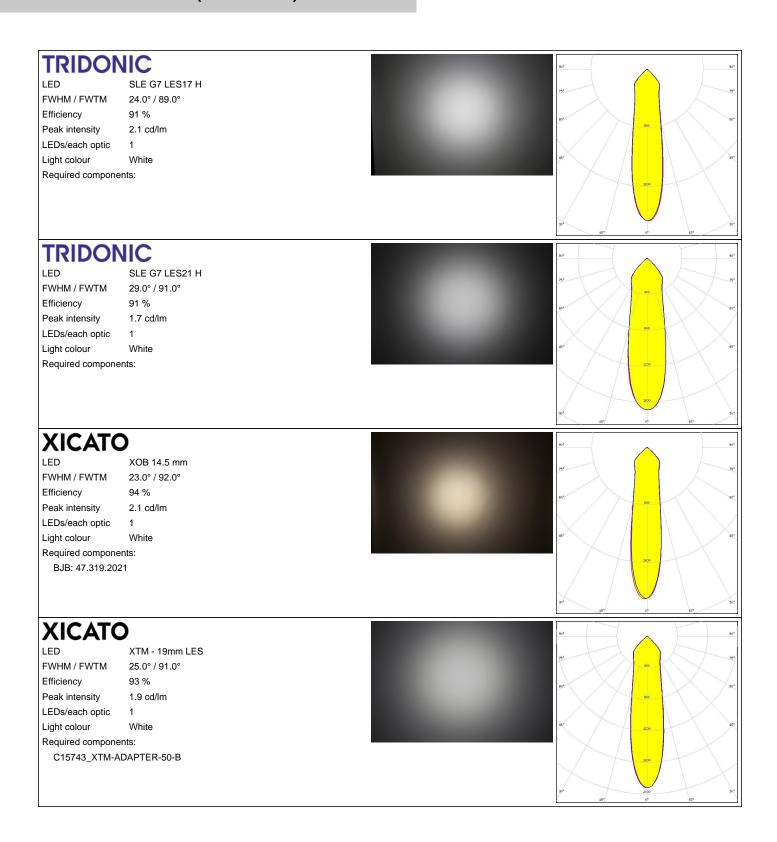






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OPTICAL RESULTS (SIMULATED):

CITIZEN

 LED
 CLL04x/CLU04x

 FWHM / FWTM
 22.0° / 68.0°

 Efficiency
 95 %

 Peak intensity
 3.1 cd/lm

 LEDs/each optic
 1

White

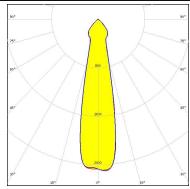
Required components: BJB: 47.319.2030

Light colour

CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 24.0° / 79.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2315

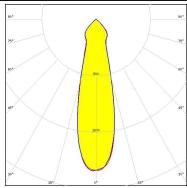


SAMSUNG

LED LC040D / LC060D / LC080D

FWHM / FWTM 27.0° / 85.0°
Efficiency 90 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030



Published: 02/05/2018



PRODUCT DATASHEET F13659 ANGELINA-S-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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