

ANGELA-S-B

~10° spot beam compatible with BJB and B+W connectors

SPECIFICATION:

Dimensions Ø 119.5 mm
Height 74.5 mm
Fastening socket
ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialColourFinishCoatingANGELA-S-BReflectorPCmetalHMDS

ORDERING INFORMATION:

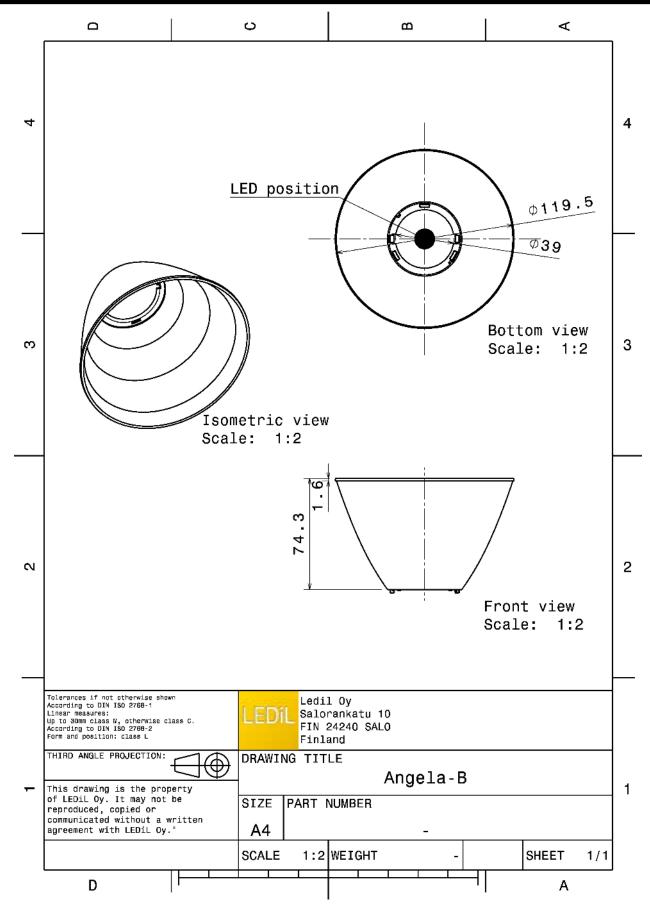
Component

F13662_ANGELA-S-B

» Box size: 398 x 298 x 265 mm

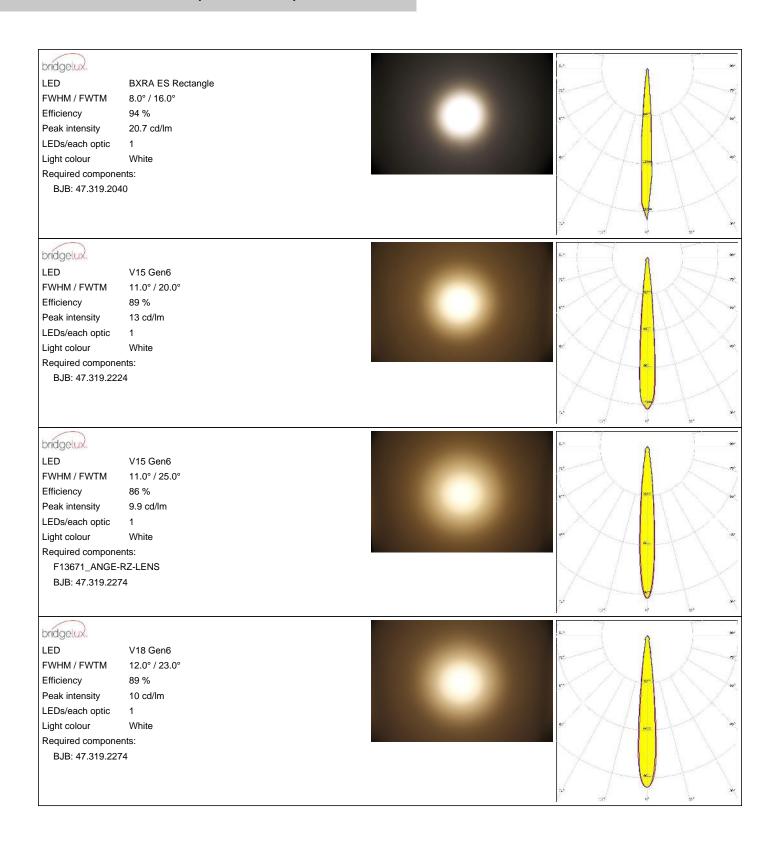
Qty in box	MOQ	MPQ	Box weight (kg)
180	90	45	8.6



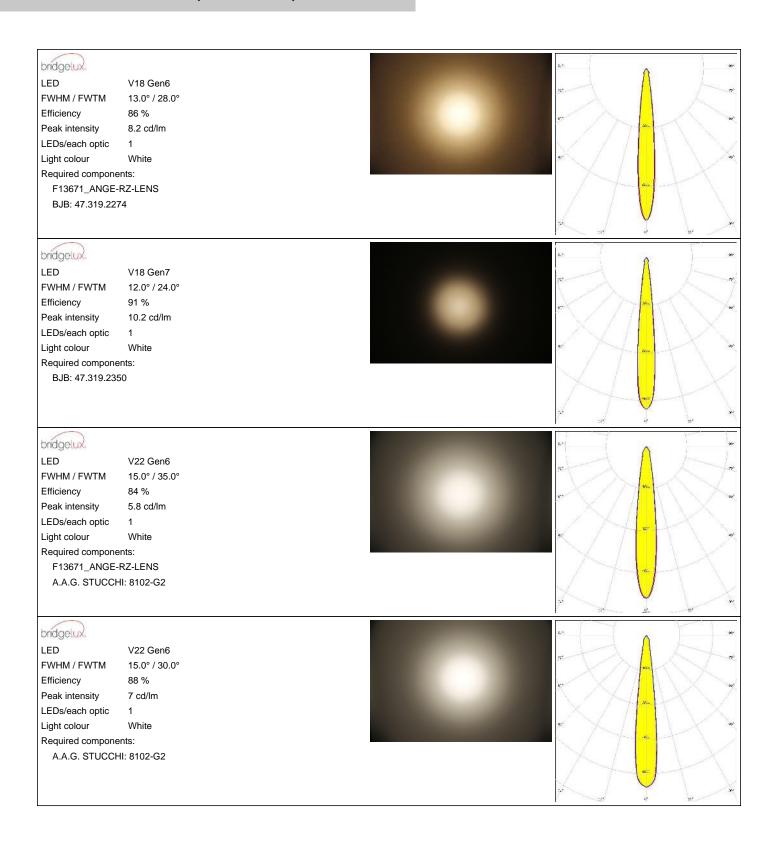


See also our general installation guide: www.ledil.com/installation_guide

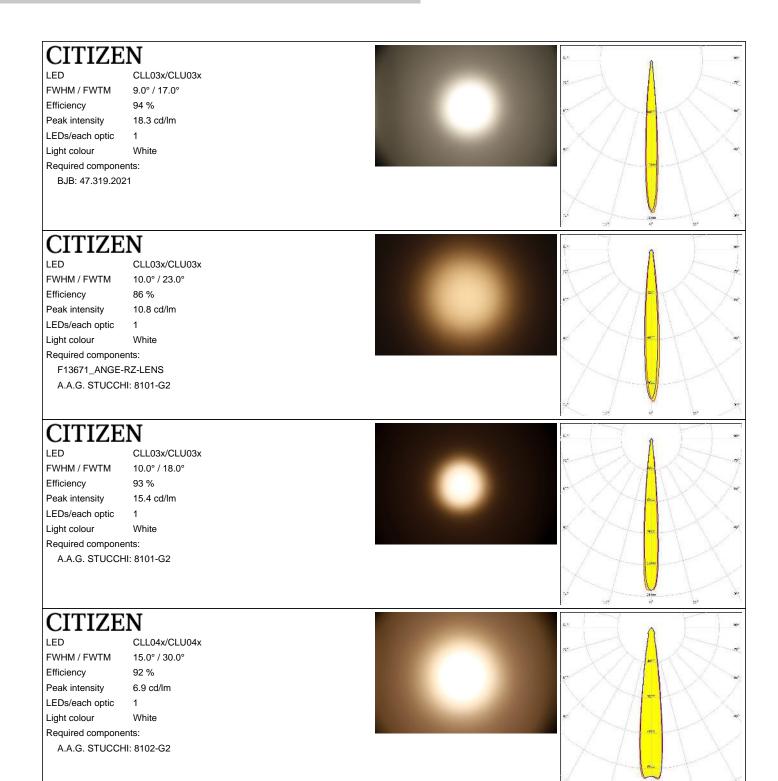






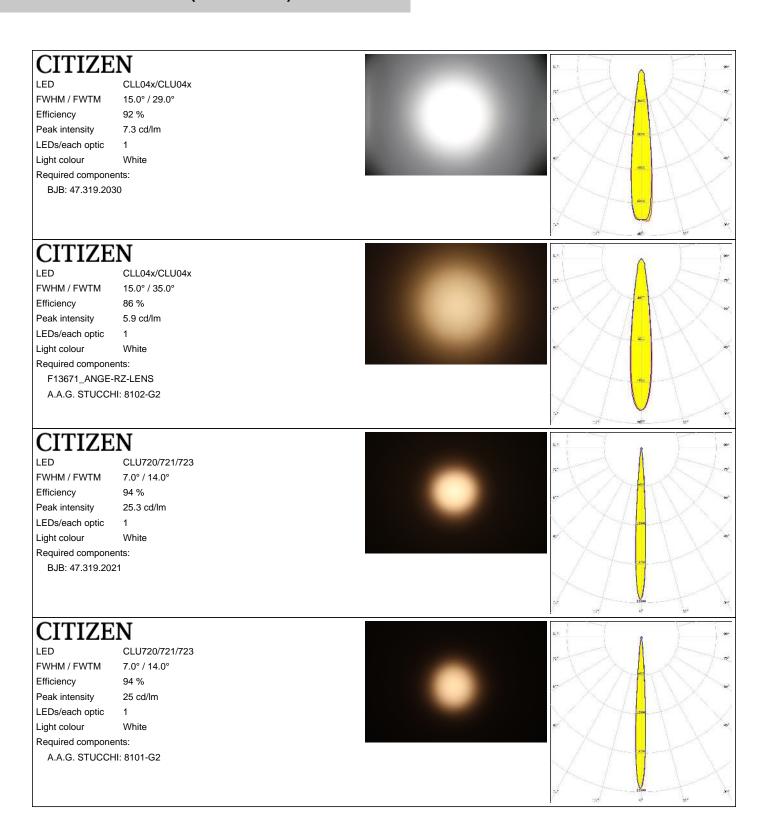




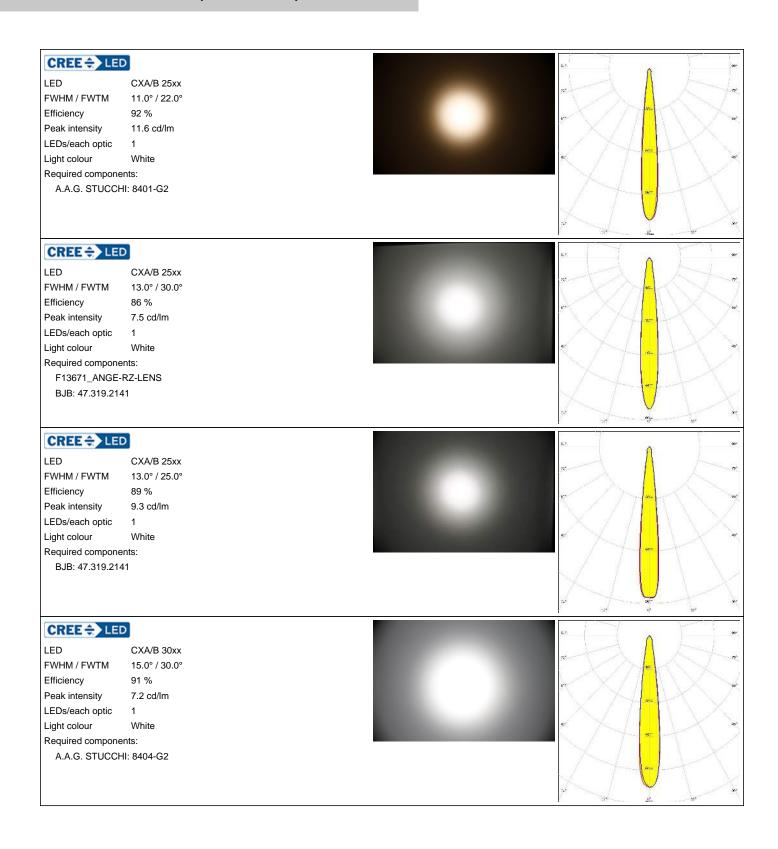


6/17

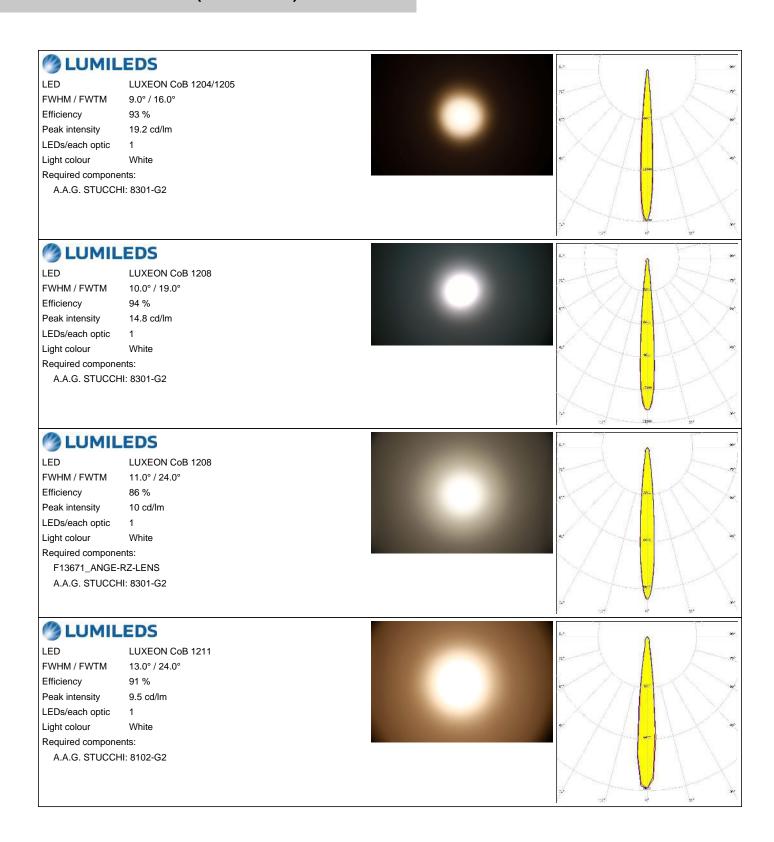




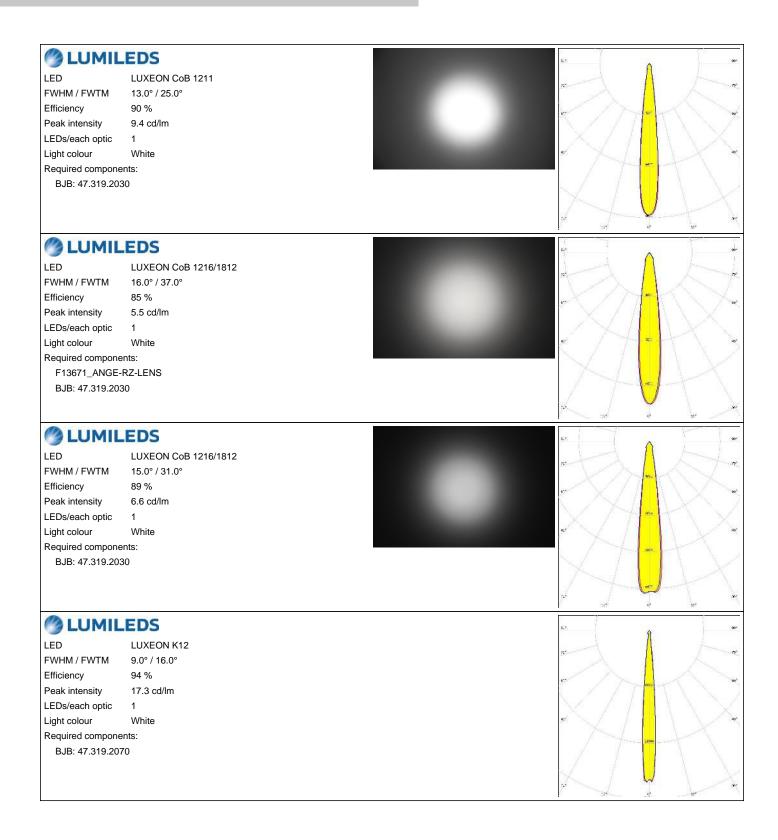




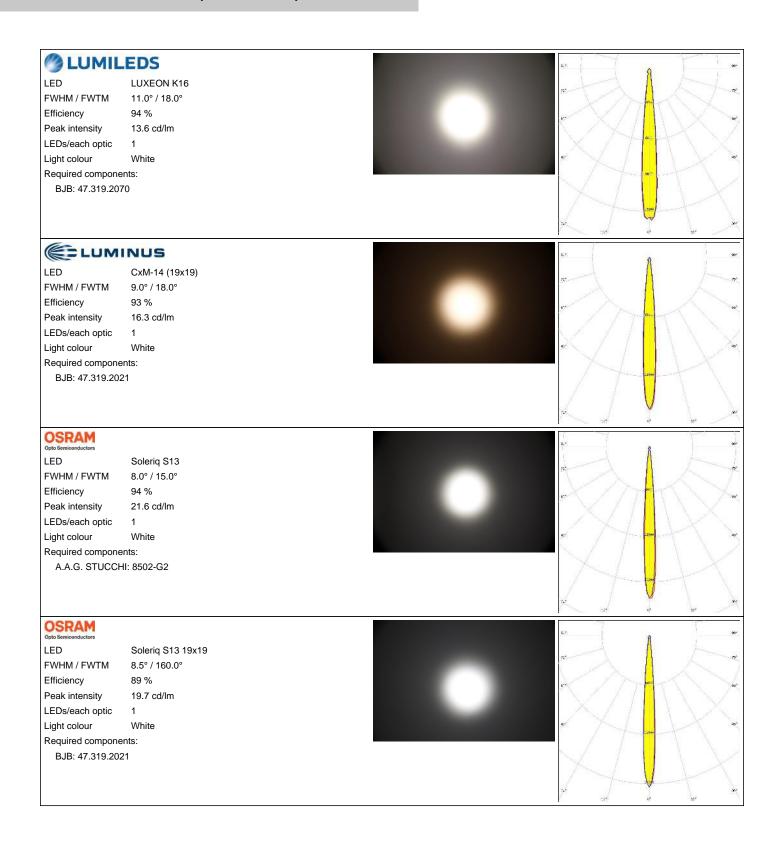












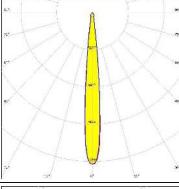


OSRAM Opto Semiconductors

LED Soleriq S19
FWHM / FWTM 11.0° / 20.0°
Efficiency 93 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2170





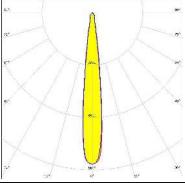
PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 13.0° / 25.0°
Efficiency 91 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1

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





PHILIPS

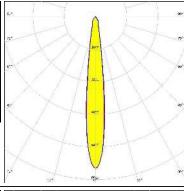
LED Fortimo SLM L19 CoB

 FWHM / FWTM
 13.0° / 29.0°

 Efficiency
 86 %

 Peak intensity
 7.5 cd/lm

LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030



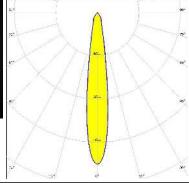
PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 16.0° / 37.0° Efficiency 86 % Peak intensity 5.6 cd/lm LEDs/each optic 1

LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030







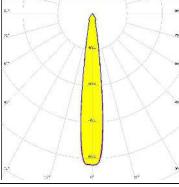
PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 15.0° / 32.0°
Efficiency 91 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour White

Light colour W Required components: BJB: 47.319.2030





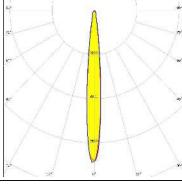
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 11.0° / 23.0°
Efficiency 87 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F13671_ANGE-RZ-LENS BJB: 47.319.2021





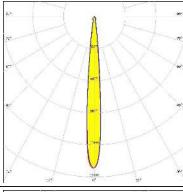
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 10.0° / 19.0° Efficiency 91 % Peak intensity 15.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101-G2





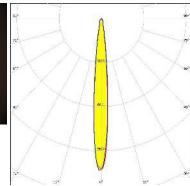
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

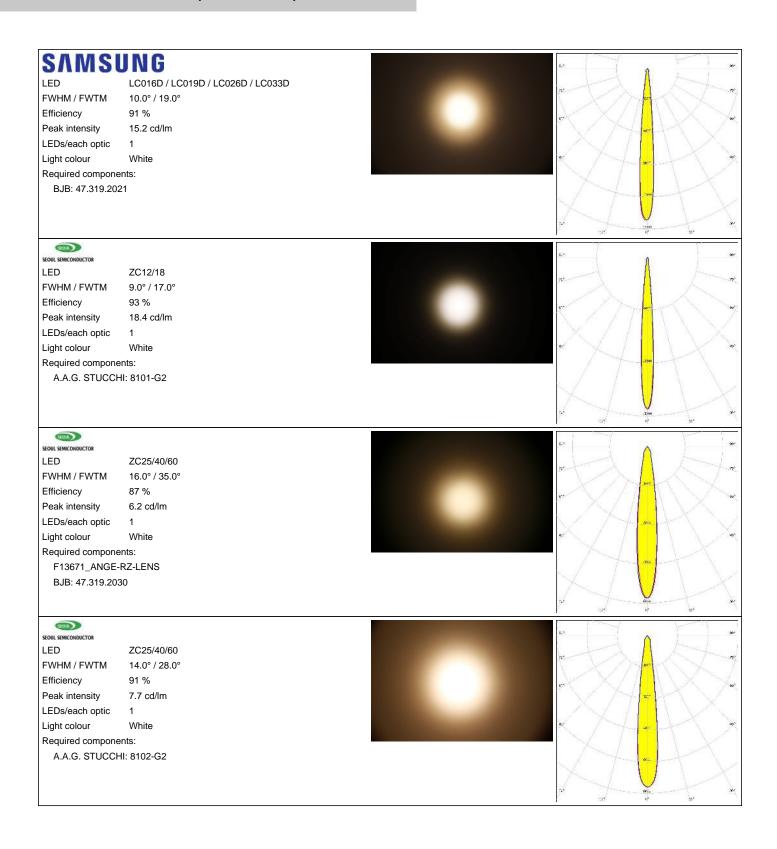
FWHM / FWTM 11.0° / 23.0°
Efficiency 87 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8101-G2







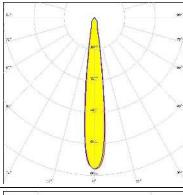






ZC25/40/60 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 14.0° / 29.0° Efficiency 93 % Peak intensity 7.7 cd/lm LEDs/each optic Light colour White

Required components: BJB: 47.319.2030

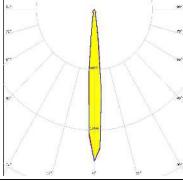


LED Mega Zenigata (GW6DME)

FWHM / FWTM 10.0° / 18.0° Efficiency 94 % Peak intensity 16.1 cd/lm LEDs/each optic 1

White Light colour Required components: BJB: 47.319.2011



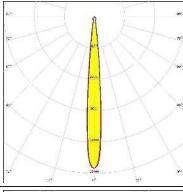


LED Mega Zenigata (GW6DME)

FWHM / FWTM 10.0° / 18.0° Efficiency 94 % Peak intensity 15.5 cd/lm

LEDs/each optic Light colour White Required components: A.A.G. STUCCHI: 8301-G2





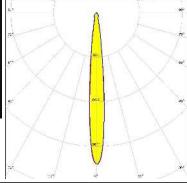
TRIDONIC

SLE G7 LES17 H FWHM / FWTM 11.0° / 23.0°

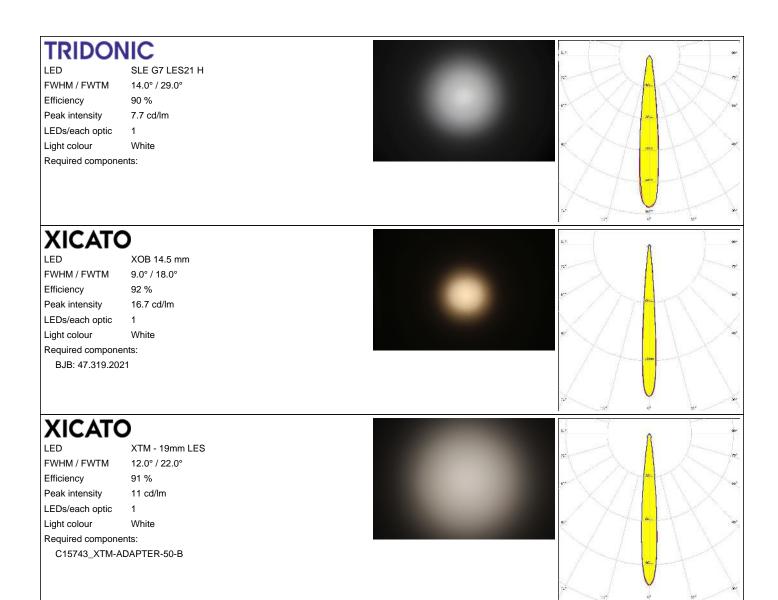
Efficiency 90 % Peak intensity 10.9 cd/lm LEDs/each optic

White Light colour Required components:











OPTICAL RESULTS (SIMULATED):

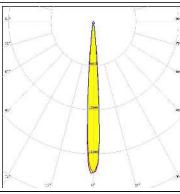
CITIZEN

LED CLU730/731/733

 $\begin{array}{lll} \text{FWHM} / \text{FWTM} & 8.5^{\circ} / 15.0^{\circ} \\ \text{Efficiency} & 92 \% \\ \text{Peak intensity} & 22.2 \text{ cd/lm} \end{array}$

LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030



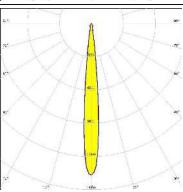
OSRAM Opto Semiconductors

LED Soleriq S15

FWHM / FWTM 10.0° / 18.0° Efficiency 90 % Peak intensity 14.6 cd/lm

LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2021



SAMSUNG

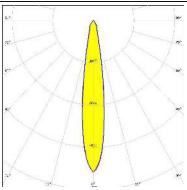
LED LC040D / LC060D / LC080D

White

FWHM / FWTM 17.0° / 36.0°
Efficiency 87 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1

Required components: BJB: 47.319.2030

Light colour





PRODUCT DATASHEET F13662 ANGELA-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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