

ANGELA-S-B

~10° spot 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 ANGELA-S-B Reflector PC metal **HMDS**

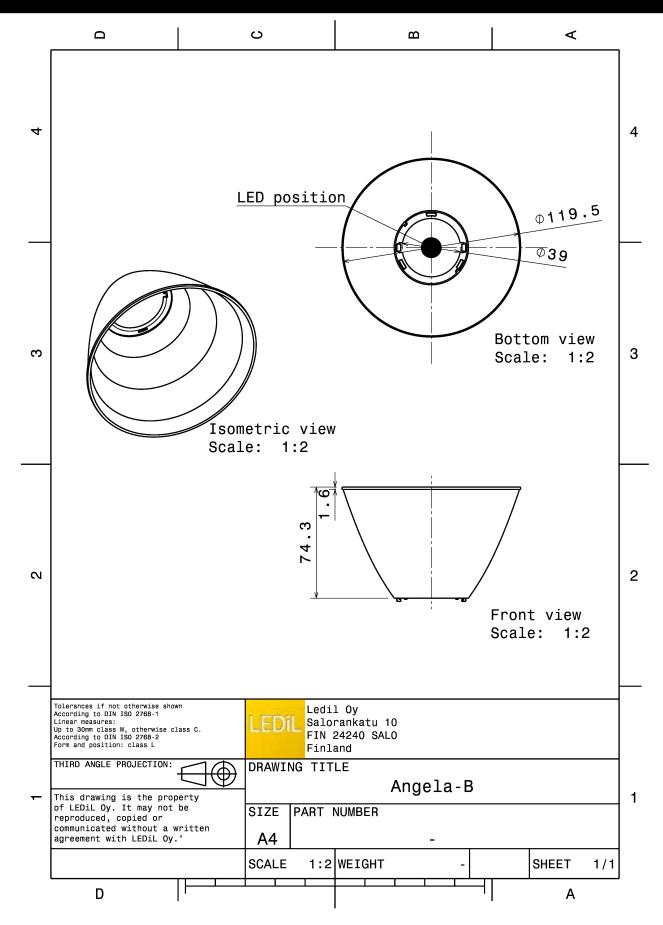
ORDERING INFORMATION:

Component

F13662_ANGELA-S-B

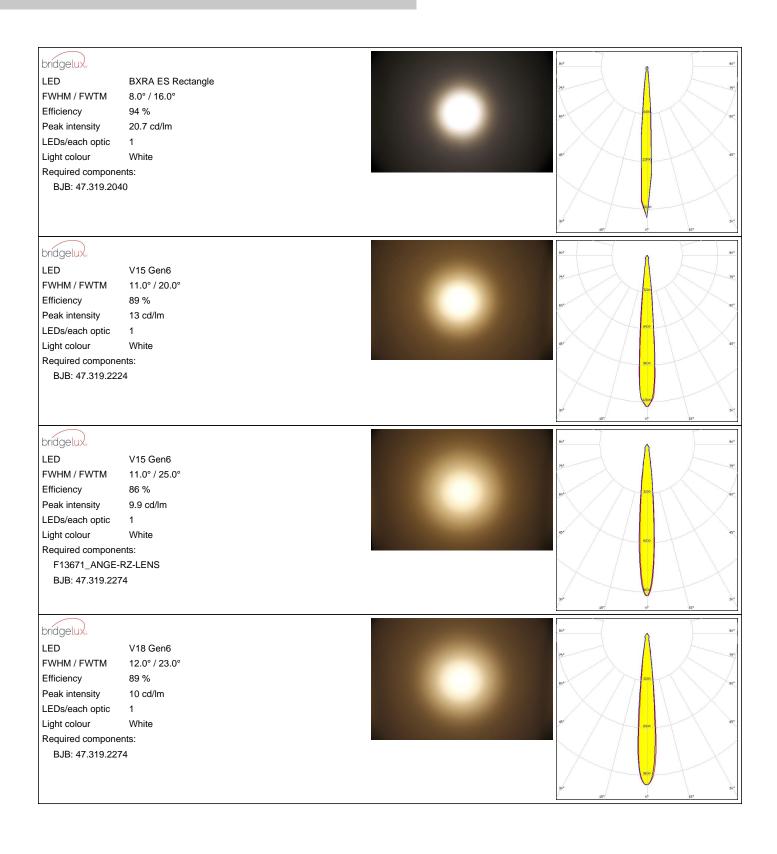
» Box size: 398 x 298 x 265 mm

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



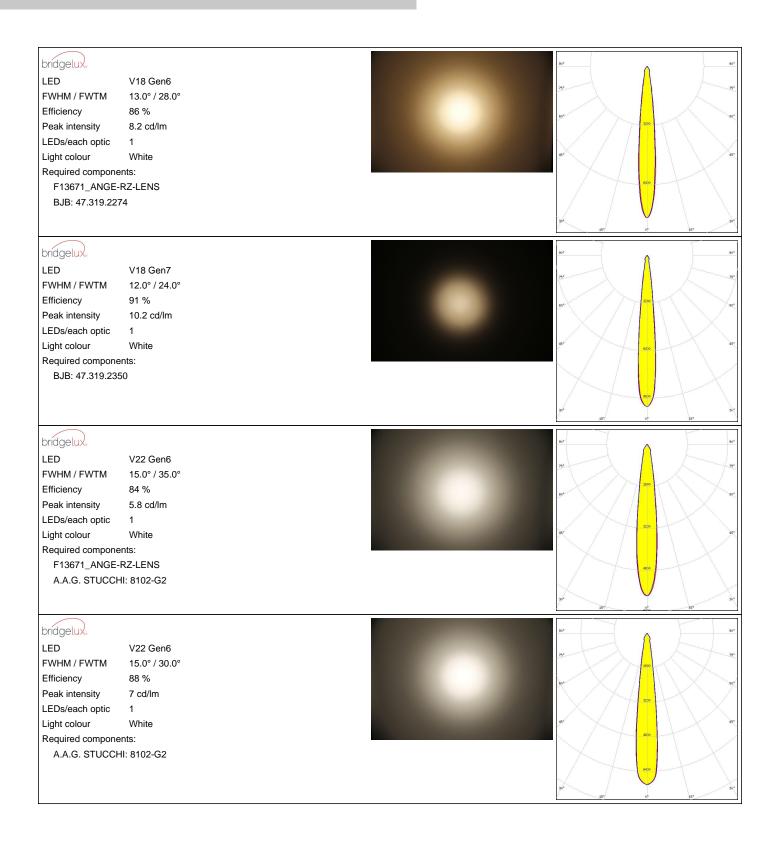
See also our general installation guide: www.ledil.com/installation_guide





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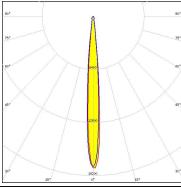




CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 9.0° / 17.0°
Efficiency 94 %
Peak intensity 18.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:





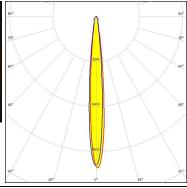
CITIZEN

BJB: 47.319.2021

LED CLL03x/CLU03x
FWHM / FWTM 10.0° / 23.0°
Efficiency 86 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8101-G2

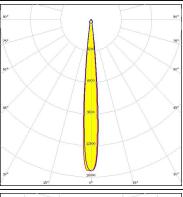




CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 10.0° / 18.0°
Efficiency 93 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101-G2

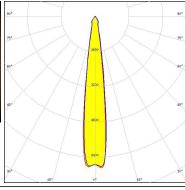




CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 15.0° / 30.0°
Efficiency 92 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8102-G2

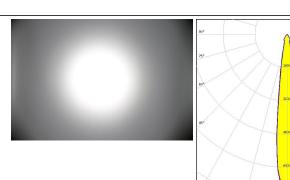






CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 15.0° / 29.0°
Efficiency 92 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



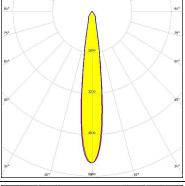
CITIZEN

BJB: 47.319.2030

LED CLL04x/CLU04x
FWHM / FWTM 15.0° / 35.0°
Efficiency 86 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8102-G2

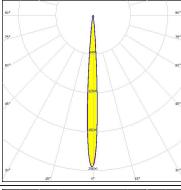




CITIZEN

LED CLU720/721/723
FWHM / FWTM 7.0° / 14.0°
Efficiency 94 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021

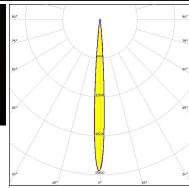




CITIZEN

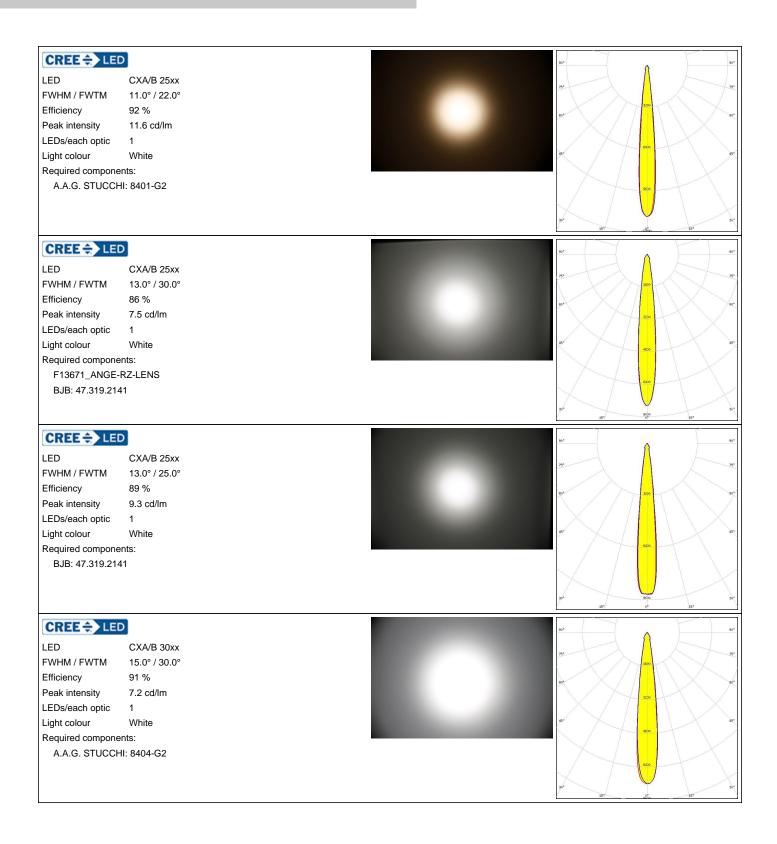
LED CLU720/721/723
FWHM / FWTM 7.0° / 14.0°
Efficiency 94 %
Peak intensity 25 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101-G2



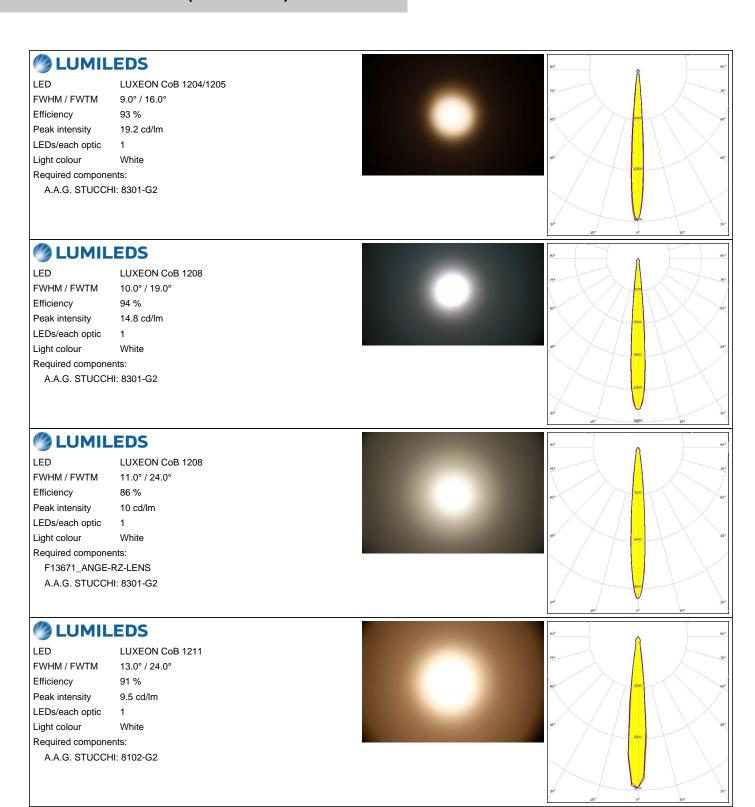


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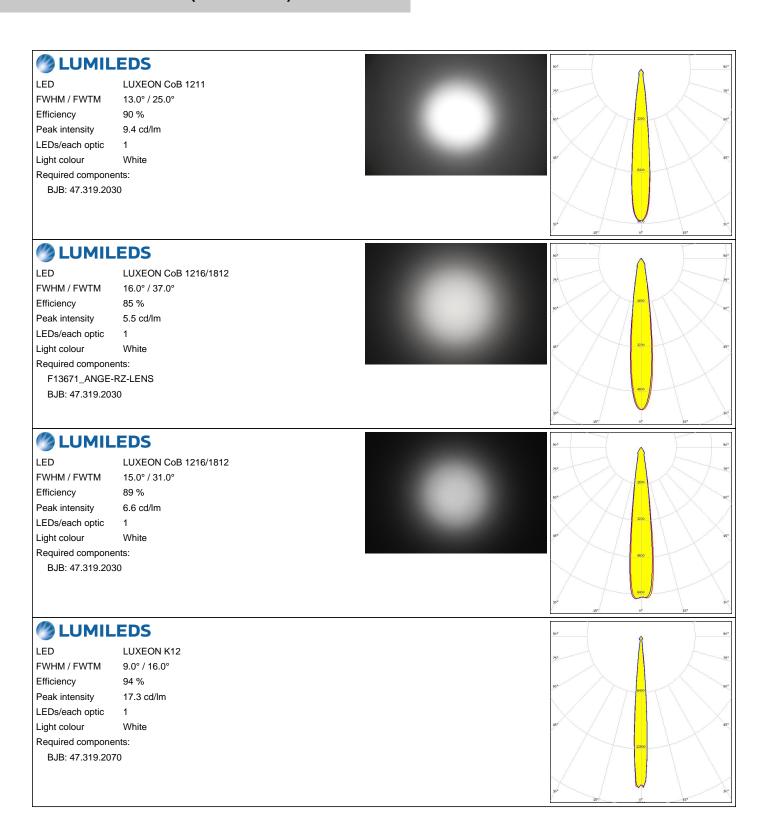




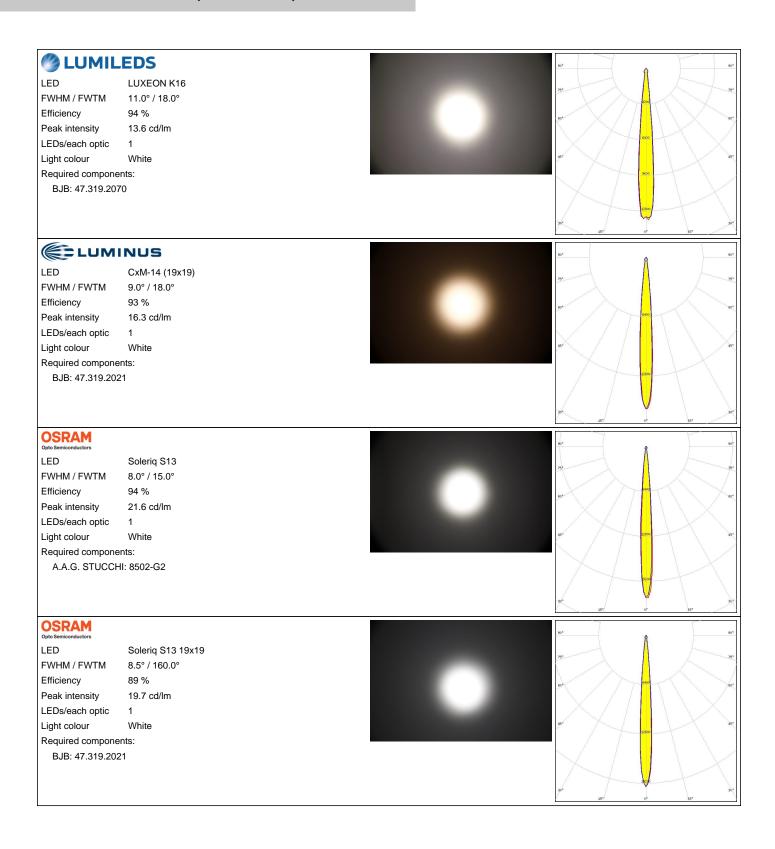










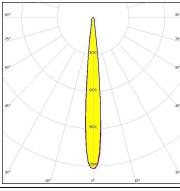




OSRAM

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





PHILIPS

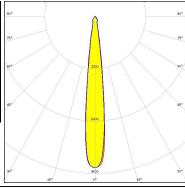
Required components: BJB: 47.319.2170

LED Fortimo SLM L19 CoB

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

Light colour White Required components: BJB: 47.319.2030





PHILIPS

LED Fortimo SLM L19 CoB

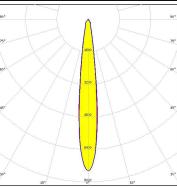
 FWHM / FWTM
 13.0° / 29.0°

 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





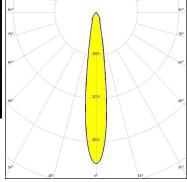
PHILIPS

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





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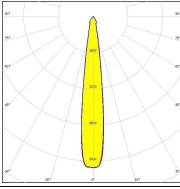
PHILIPS

Required components: BJB: 47.319.2030

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



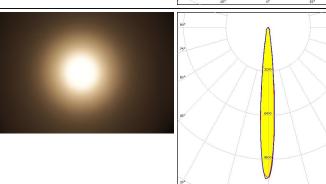


SAMSUNG

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



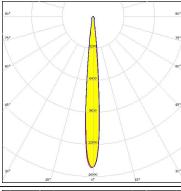
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 10.0° / 19.0°
Efficiency 91 %
Peak intensity 15.2 cd/lm
LEDs/each optic 1

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



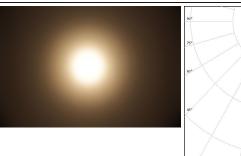


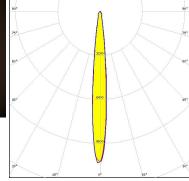
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

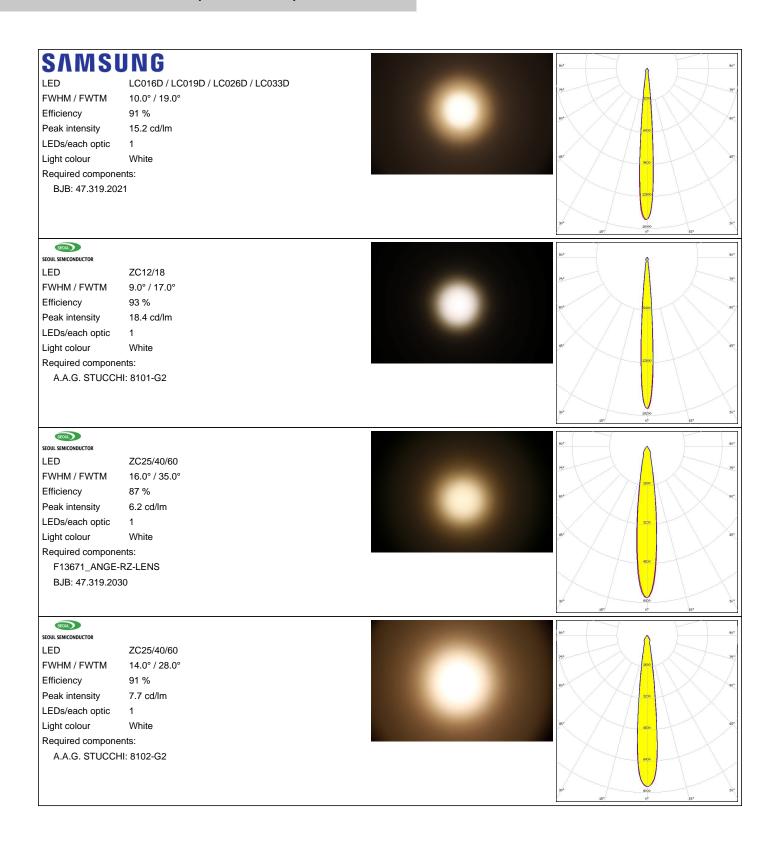
FWHM / FWTM 11.0° / 23.0°
Efficiency 87 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS

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













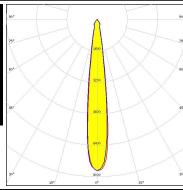
LED ZC25/40/60 FWHM / FWTM 14.0° / 29.0°

Efficiency 93 %
Peak intensity 7.7 cd/lm

LEDs/each optic 1
Light colour White
Required components:

BJB: 47.319.2030





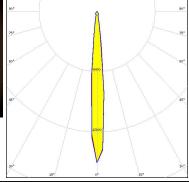
SHARP

LED Mega Zenigata (GW6DME)

FWHM / FWTM 10.0° / 18.0° Efficiency 94 % Peak intensity 16.1 cd/lm

LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2011





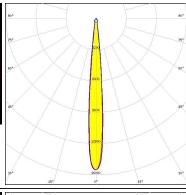
SHARP

LED Mega Zenigata (GW6DME)

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

LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8301-G2





TRIDONIC

LED SLE G7 LES17 H

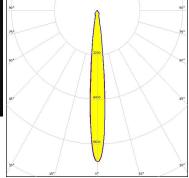
 FWHM / FWTM
 11.0° / 23.0°

 Efficiency
 90 %

 Peak intensity
 10.9 cd/lm

LEDs/each optic 1
Light colour White
Required components:





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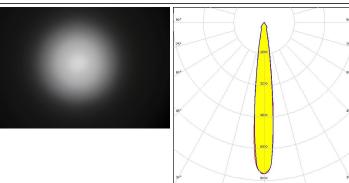


TRIDONIC

LED SLE G7 LES21 H
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %

Peak intensity 7.7 cd/lm LEDs/each optic 1

Light colour White
Required components:



XICATO

 LED
 XOB 14.5 mm

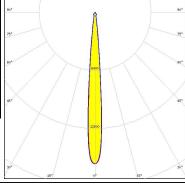
 FWHM / FWTM
 9.0° / 18.0°

 Efficiency
 92 %

 Peak intensity
 16.7 cd/lm

LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



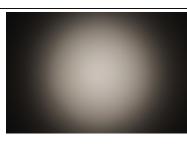


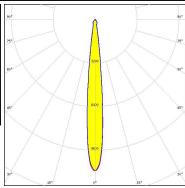
XICATO

LED XTM - 19mm LES
FWHM / FWTM 12.0° / 22.0°
Efficiency 91 %
Peak intensity 11 cd/lm
LEDs/each optic 1

Light colour White Required components:

C15743_XTM-ADAPTER-50-B





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OPTICAL RESULTS (SIMULATED):

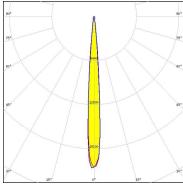
CITIZEN

CLU730/731/733

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 8.5° / 15.0° Efficiency 92 % Peak intensity 22.2 cd/lm

LEDs/each optic Light colour White

Required components: BJB: 47.319.2030

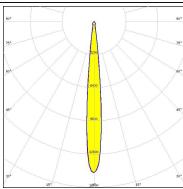


OSRAM Opto Semiconductors

LED Soleriq S15 FWHM / FWTM 10.0° / 18.0° Efficiency 90 % Peak intensity 14.6 cd/lm LEDs/each optic 1

White Light colour

Required components: BJB: 47.319.2021

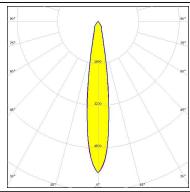


SAMSUNG

LED LC040D / LC060D / LC080D

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

Required components: BJB: 47.319.2030





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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