

ANGELA-W-B

~45° wide beam compatible with BJB connectors

TECHNICAL SPECIFICATIONS:

Dimensions Ø 119.5 mm

Height 74.5 mm

Fastening socket
Colour metal

Box size 398 x 298 x 265 mm

Box weight 9.1 kg

Quantity in Box 180 pcs

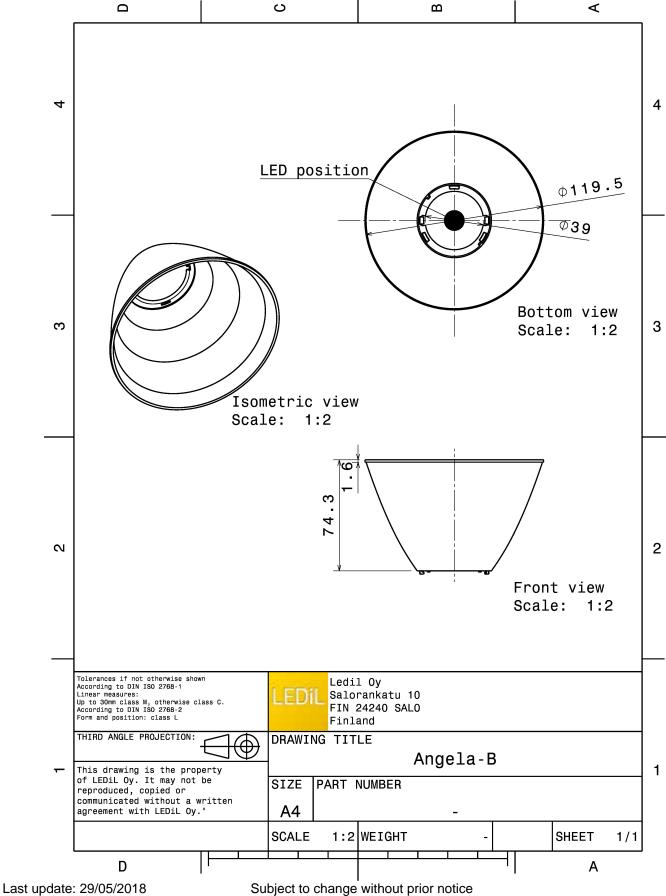
ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourCoatingANGELA-W-BReflectorPCmetalHMDS





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

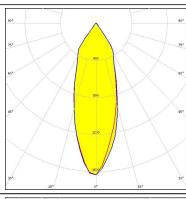
PHOTOMETRIC DATA (MEASURED):

bridgelux.

LED BXRA ES Rectangle

FWHM 34.0° Efficiency 83 % Peak intensity 1.650 cd/lm Required components: BJB: 47.319.2040



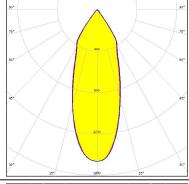


bridgelux.

LED V18 Gen7
FWHM 38.0°
Efficiency 82 %
Peak intensity 1.500 cd/lm
Required components:

BJB: 47.319.2350





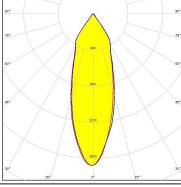
CITIZEN

LED CLL03x/CLU03x

FWHM 33.0° Efficiency 83 % Peak intensity 1.680 cd/lm Required components:

equired componen BJB: 47.319.2021

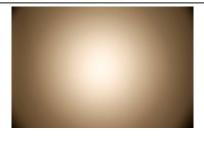


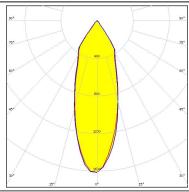


CITIZEN

LED CLL03x/CLU03x

FWHM 34.0°
Efficiency 83 %
Peak intensity 1.630 cd/lm
Required components:
A.A.G. STUCCHI: 8101/G2





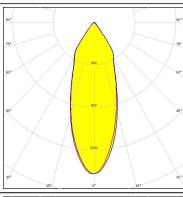
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL03x/CLU03x

FWHM 37.0°
Efficiency 78 %
Peak intensity 1.430 cd/lm
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2

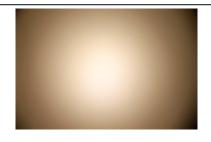


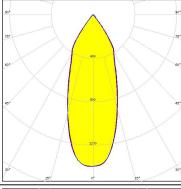


CITIZEN

LED CLL04x/CLU04x

FWHM 39.0°
Efficiency 82 %
Peak intensity 1.400 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2





CITIZEN

LED CLL04x/CLU04x

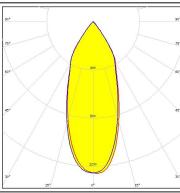
FWHM 41.0°
Efficiency 77 %

Peak intensity 1.260 cd/lm

Required components:
F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8102/G2

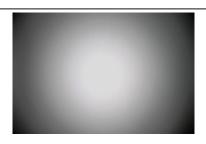


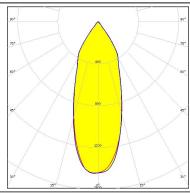


CITIZEN

LED CLL04x/CLU04x

FWHM 38.0°
Efficiency 82 %
Peak intensity 1.450 cd/lm
Required components:
BJB: 47.319.2030





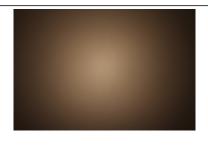
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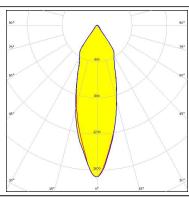
CITIZEN

LED CLU720/721

FWHM 32.0°
Efficiency 84 %
Peak intensity 1.700 cd/lm
Required components:

A.A.G. STUCCHI: 8101/G2



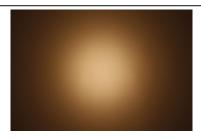


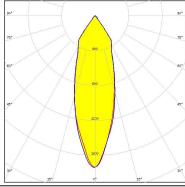
CITIZEN

LED CLU720/721

FWHM 32.0°
Efficiency 83 %
Peak intensity 1.700 cd/lm
Required components:

BJB: 47.319.2021





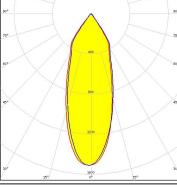
CREE \$

LED CXA/B 25xx

FWHM 37.0°
Efficiency 82 %
Peak intensity 1.510 cd/lm
Required components:

A.A.G. STUCCHI: 8401/G2





CREE 💠

LED CXA/B 25xx

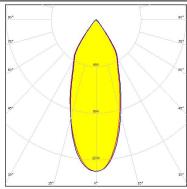
FWHM 40.0° Efficiency 77 % Peak intensity 1.300 cd/lm

F13671_ANGE-RZ-LENS

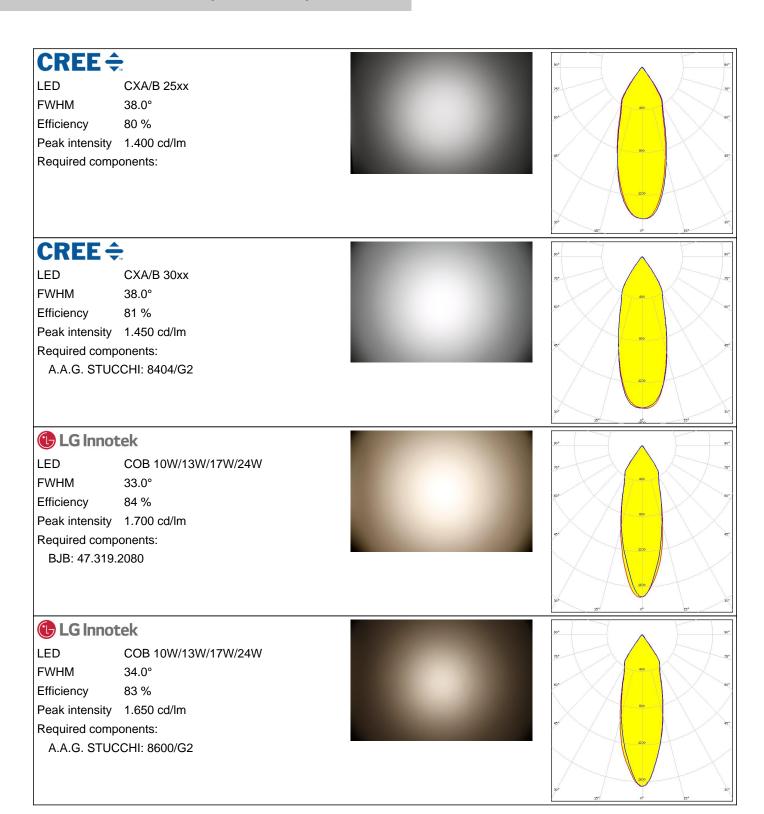
BJB: 47.319.2141

Required components:





PHOTOMETRIC DATA (MEASURED):

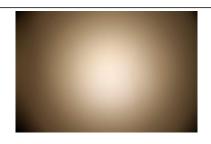


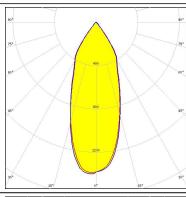
PHOTOMETRIC DATA (MEASURED):



LED COB 40W/60W

FWHM 39.0°
Efficiency 81 %
Peak intensity 1.400 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2



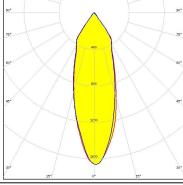


MUMILEDS

LED LUXEON CoB 1204/1205

FWHM 33.0°
Efficiency 83 %
Peak intensity 1.660 cd/lm
Required components:
A.A.G. STUCCHI: 8301/G2



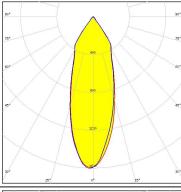


DESCRIPTION LUMILEDS

LED LUXEON CoB 1208

FWHM 35.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
Required components:
A.A.G. STUCCHI: 8301/G2

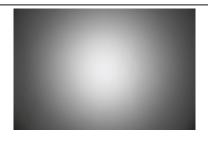


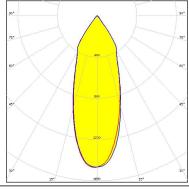


DESCRIPTION LUMILEDS

LED LUXEON CoB 1211

FWHM 37.0°
Efficiency 81 %
Peak intensity 1.500 cd/lm
Required components:
BJB: 47.319.2030



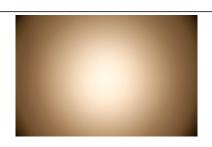


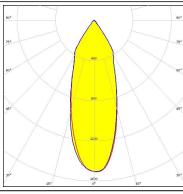
PHOTOMETRIC DATA (MEASURED):



LED LUXEON CoB 1211

FWHM 37.0°
Efficiency 82 %
Peak intensity 1.500 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2

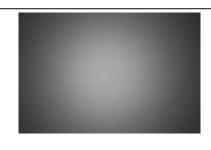


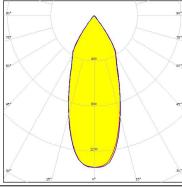


MUMILEDS

LED LUXEON CoB 1216/1812

FWHM 40.0°
Efficiency 80 %
Peak intensity 1.359 cd/lm
Required components:





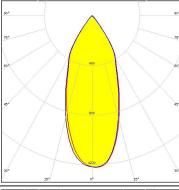
MUMILEDS

LED LUXEON CoB 1216/1812

FWHM 42.0°
Efficiency 76 %
Peak intensity 1.220 cd/lm
Required components:
F13671_ANGE-RZ-LENS

BJB: 47.319.2030



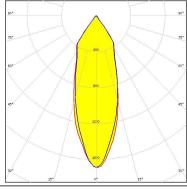


DESCRIPTION LUMILEDS

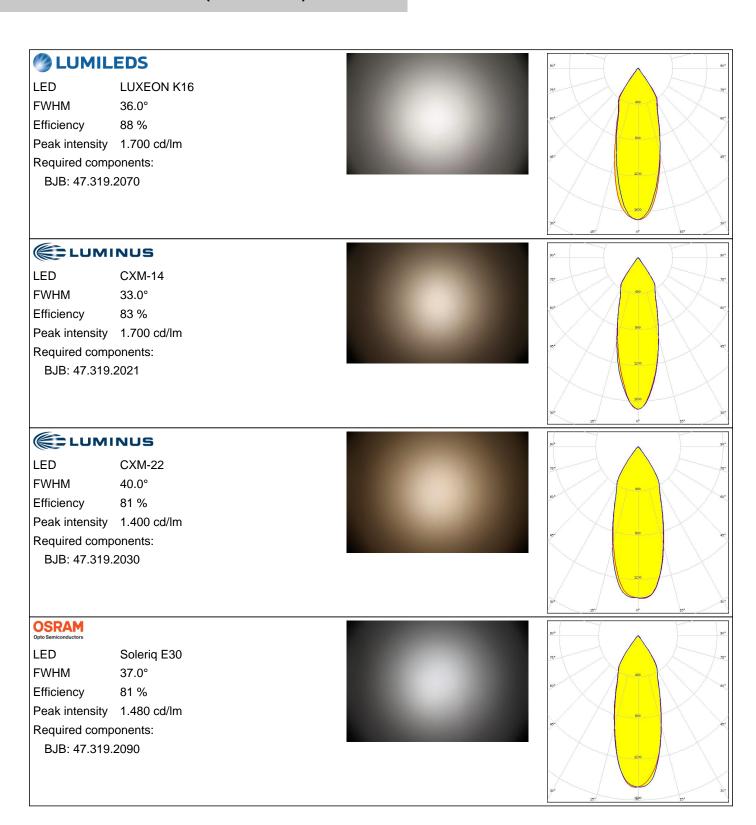
LED LUXEON K12

FWHM 35.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
Required components:
BJB: 47.319.2070





PHOTOMETRIC DATA (MEASURED):

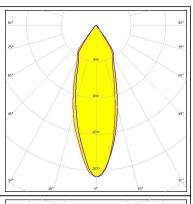


PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED Soleriq P13
FWHM 33.0°
Efficiency 83 %
Peak intensity 1.670 cd/lm
Required components:
A.A.G. STUCCHI: 8502/G2

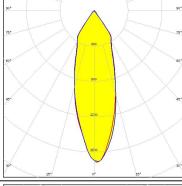




OSRAM Opto Semiconductors

LED Soleriq S13
FWHM 33.0°
Efficiency 84 %
Peak intensity 1.700 cd/lm
Required components:
A.A.G. STUCCHI: 8502/G2

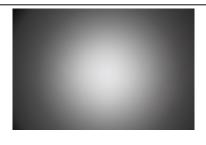


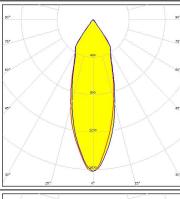


OSRAM Opto Semiconductors

LED Soleriq S13 Gen2

FWHM 34.0°
Efficiency 81 %
Peak intensity 1.620 cd/lm
Required components:
BJB: 47.319.2021





OSRAM Opto Semiconductors

Efficiency

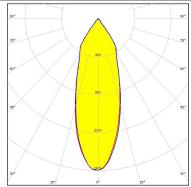
LED FWHM

Soleriq S19 35.0° 83 %

Peak intensity 1.600 cd/lm

Required components: BJB: 47.319.2170





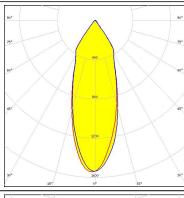
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 36.0°
Efficiency 82 %
Peak intensity 1.550 cd/lm
Required components:
A.A.G. STUCCHI: 8101/G2





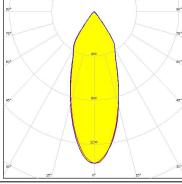
SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 38.0°
Efficiency 79 %
Peak intensity 1.370 cd/lm
Required components:
F13671_ANGE-RZ-LENS

BJB: 47.319.2021



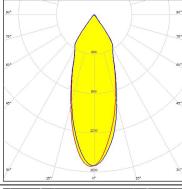


SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 36.0° Efficiency 82 % Peak intensity 1.550 cd/lm Required components: BJB: 47.319.2021



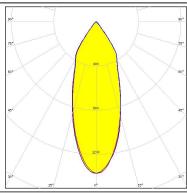


SAMSUNG

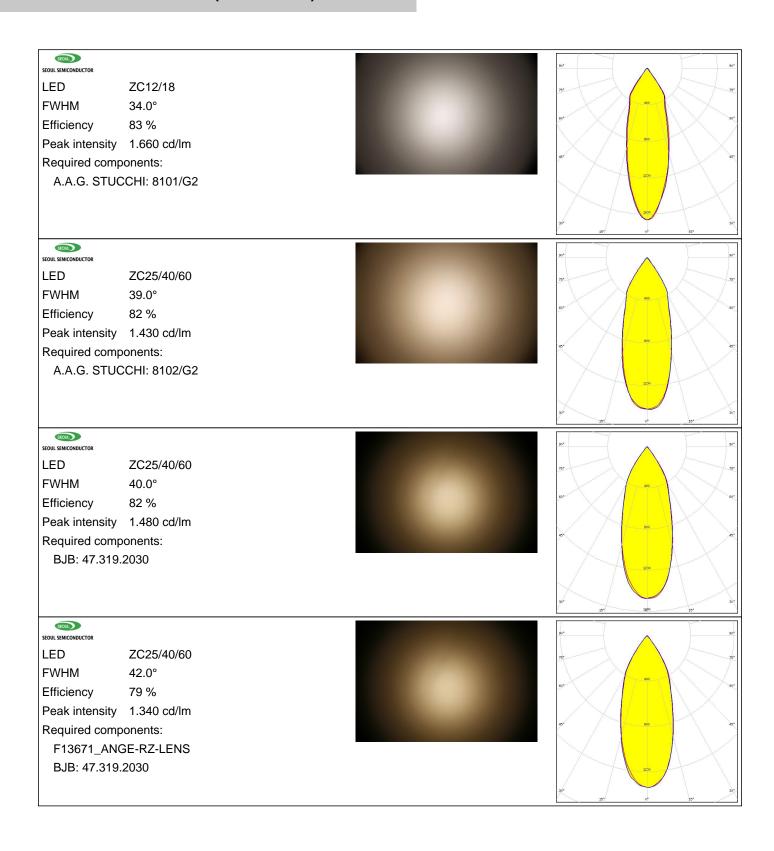
LED COB D Series LES 14.5 mm

FWHM 38.0°
Efficiency 79 %
Peak intensity 1.370 cd/lm
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2





PHOTOMETRIC DATA (MEASURED):



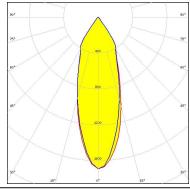
PHOTOMETRIC DATA (MEASURED):

SHARP

LED Mega Zenigata (GW6DME)

FWHM 34.0°
Efficiency 85 %
Peak intensity 1.700 cd/lm
Required components:
BJB: 47.319.2011



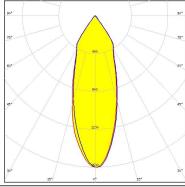


SHARP

LED Mega Zenigata (GW6DME)

FWHM 35.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
Required components:
A.A.G. STUCCHI: 8301/G2





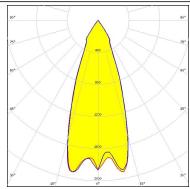
PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLU730/731

FWHM 35.0° Efficiency 91 % Peak intensity 1.950 cd/lm

Required components: BJB: 47.319.2030

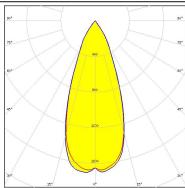


SAMSUNG

LED COB D Series LES 22 mm

FWHM 40.0°
Efficiency 86 %
Peak intensity 1.720 cd/lm

Required components: BJB: 47.319.2030

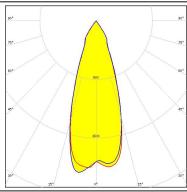


TRIDONIC

LED SLE G6 LES15 H D50

FWHM 35.0° Efficiency 87 % Peak intensity 2.110 cd/lm

Required components:

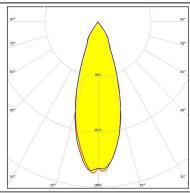


TRIDONIC

LED SLE G6 LES17 H

FWHM 35.0° Efficiency 88 % Peak intensity 2.200 cd/lm

Required components:



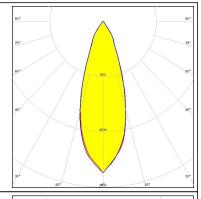
PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES19 H

FWHM 35.0°
Efficiency 87 %
Peak intensity 2.190 cd/lm

Required components:

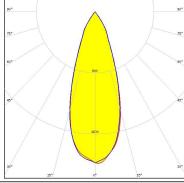


TRIDONIC

LED SLE G6 LES23 H

FWHM 37.0° Efficiency 87 % Peak intensity 1.990 cd/lm

Required components:





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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LEDIL Oy

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