

ANGELINA-W-B

~50° wide beam compatible with **BJB** connectors

TECHNICAL SPECIFICATIONS:

Dimensions Ø 82.0 mm

Height 31 mm Fastening socket

Colour metal

Box size 480 x 280 x 300 mm

Box weight 10.6 kg Quantity in Box 825 pcs **ROHS** compliant yes 🕕

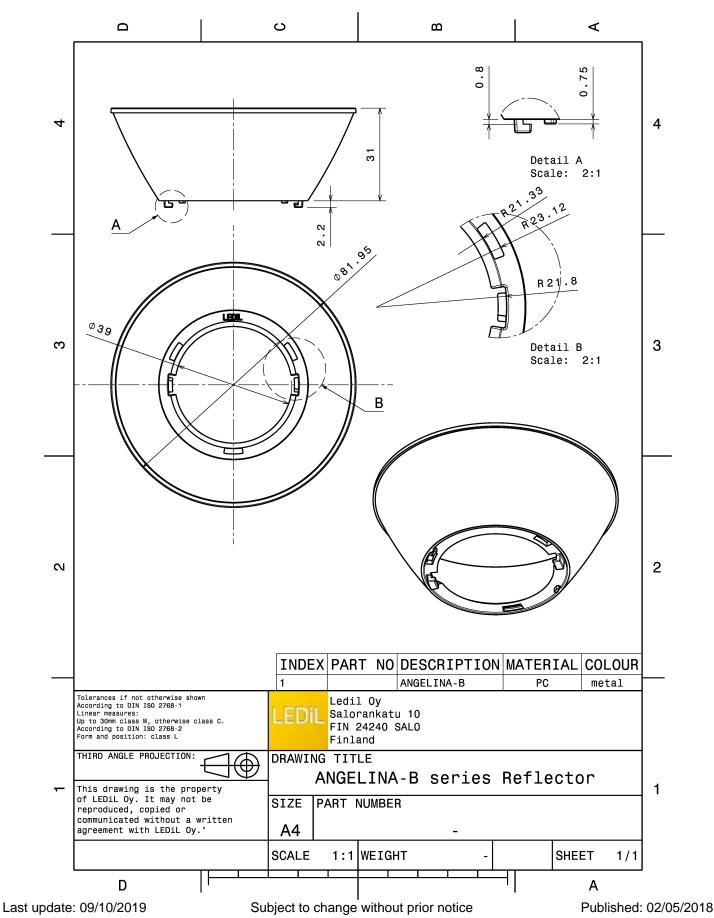


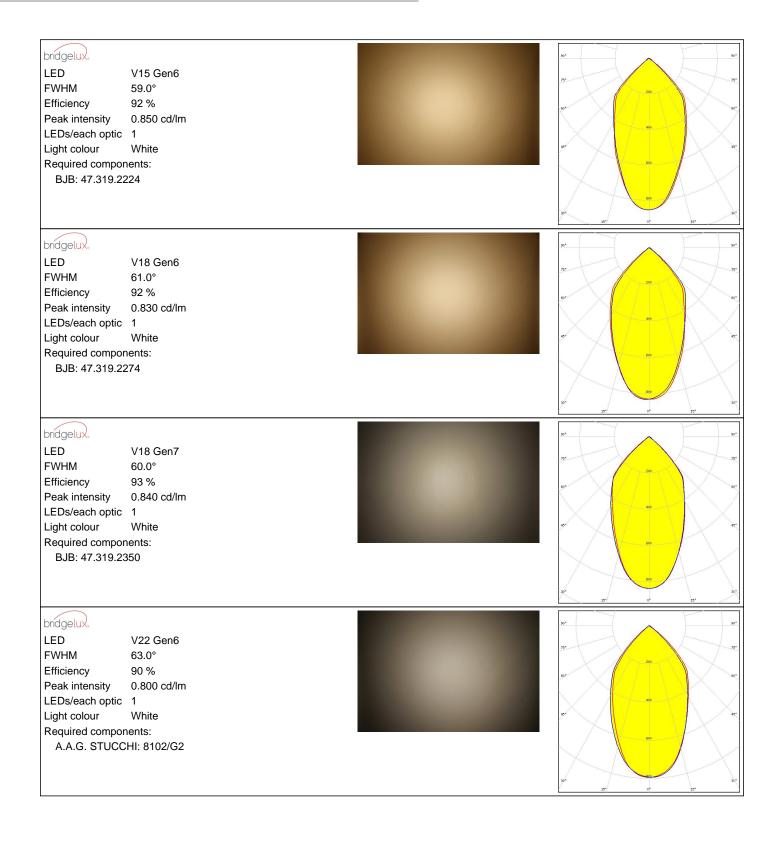
MATERIAL SPECIFICATIONS:

Component **Type** Material Colour Coating ANGELINA-W-B Reflector PC metal **HMDS**

1/19









PHOTOMETRIC DATA (MEASURED):



 LED
 V22 Gen7

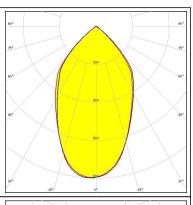
 FWHM
 63.0°

 Efficiency
 90 %

 Peak intensity
 0.800 cd/lm

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



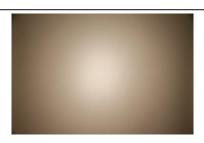


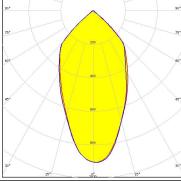
CITIZEN

LED CLL03x/CLU03x

FWHM 55.0° Efficiency 94 % Peak intensity 0.900 cd/lm

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





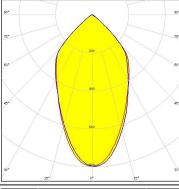
CITIZEN

LED CLL03x/CLU03x

FWHM 60.0° Efficiency 89 % Peak intensity 0.800 cd/lm

LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8101/G2





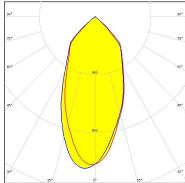
CITIZEN

LED CLL03x/CLU03x

FWHM 49.0° Efficiency 92 % Peak intensity 1.000 cd/lm

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





PHOTOMETRIC DATA (MEASURED):

CITIZEN

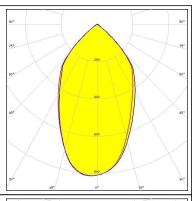
LED CLL04x/CLU04x

White

FWHM 62.0°
Efficiency 92 %
Peak intensity 0.820 cd/lm
LEDs/each optic 1

Required components: A.A.G. STUCCHI: 8102/G2





CITIZEN

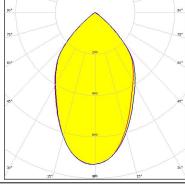
Light colour

LED CLL04x/CLU04x

FWHM 66.0° Efficiency 87 % Peak intensity 0.730 cd/lm LEDs/each optic 1

Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8102/G2



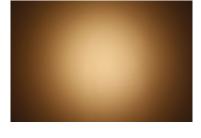


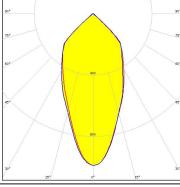
CITIZEN

LED CLU720/721

FWHM 49.0° Efficiency 93 % Peak intensity 1.000 cd/lm

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





CITIZEN

 LED
 CLU720/721

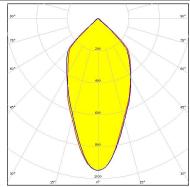
 FWHM
 51.0°

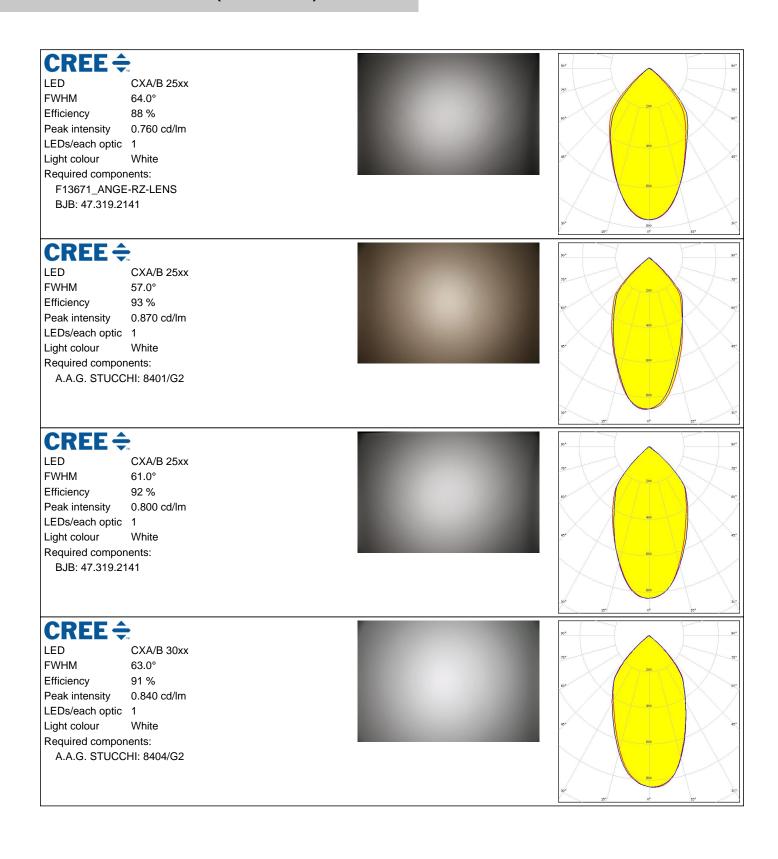
 Efficiency
 94 %

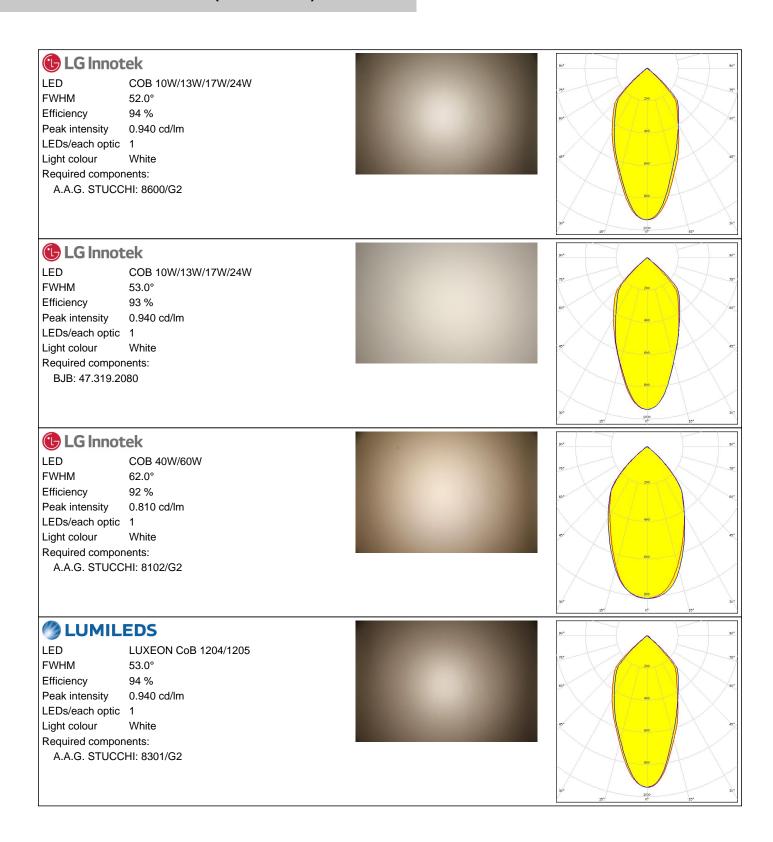
 Peak intensity
 0.950 cd/lm

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



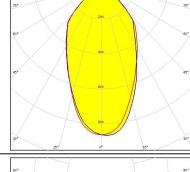






PHOTOMETRIC DATA (MEASURED):



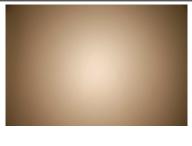


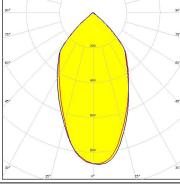
MUMILEDS

LED LUXEON CoB 1211

FWHM 58.0° Efficiency 92 % Peak intensity 0.870 cd/lm

LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8102/G2



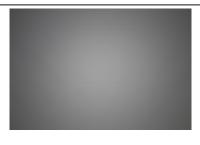


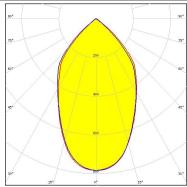
MUMILEDS

LED LUXEON CoB 1216/1812

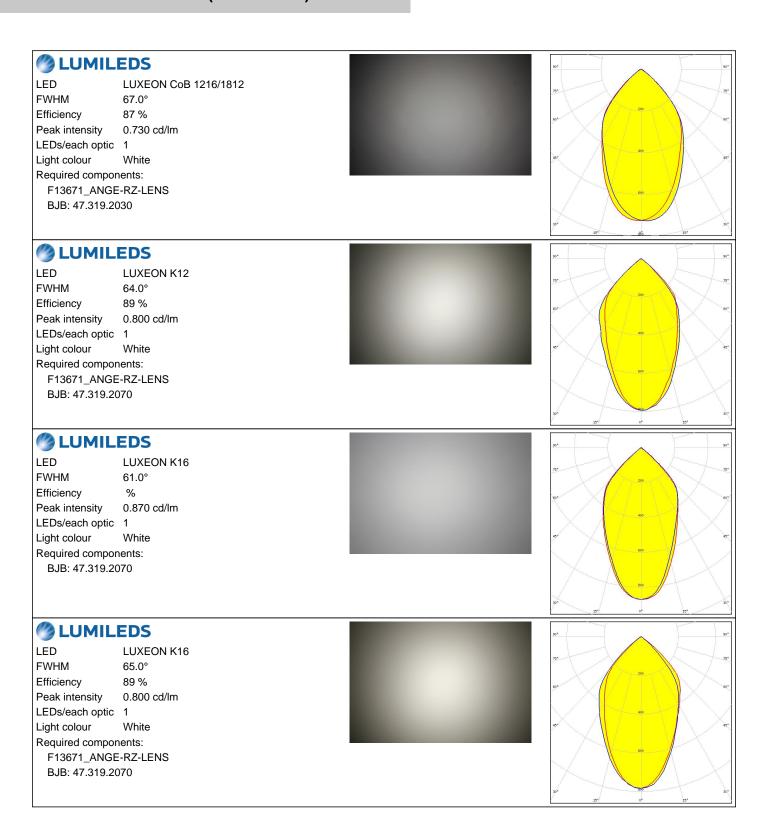
FWHM 65.0° Efficiency 91 % 0.780 cd/lm Peak intensity

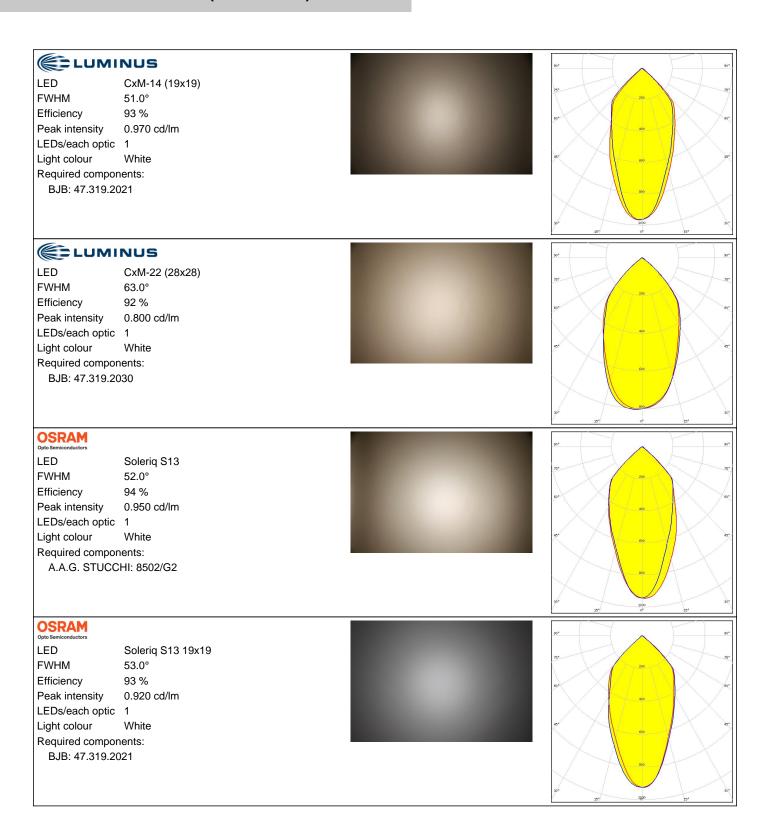
LEDs/each optic 1 White Light colour Required components: BJB: 47.319.2030











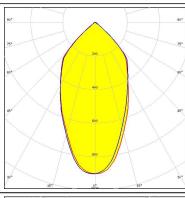
PHOTOMETRIC DATA (MEASURED):

OSRAM

LED Soleriq S19 **FWHM** 55.0° 93 % Efficiency Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White

Required components: A.A.G. STUCCHI: 8503/G2



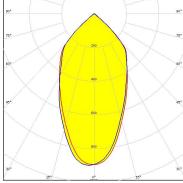


OSRAM Opto Semiconductors

LED Soleriq S19 **FWHM** 55.0° 93 % Efficiency Peak intensity 0.900 cd/lm

LEDs/each optic 1 White Light colour Required components: BJB: 47.319.2170





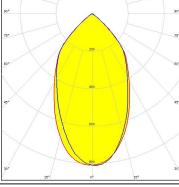
PHILIPS

LED Fortimo SLM L19 CoB

FWHM 60.0° Efficiency 88 % Peak intensity 0.810 cd/lm

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



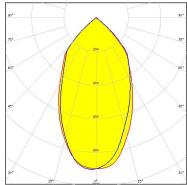


LED Fortimo SLM L19 CoB

FWHM 58.0° Efficiency 93 % Peak intensity 0.900 cd/lm

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







PHOTOMETRIC DATA (MEASURED):

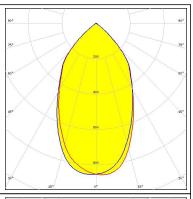
PHILIPS

LED Fortimo SLM L23 CoB

FWHM 60.0° 93 % Efficiency Peak intensity 0.900 cd/lm

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





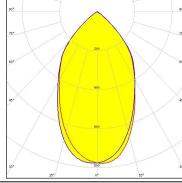
LED Fortimo SLM L23 CoB

FWHM 62.0° 88 % Efficiency Peak intensity 0.800 cd/lm

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

BJB: 47.319.2030





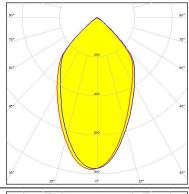
SAMSUNG

COB D Series LES 14.5 mm LED

FWHM 62.0° Efficiency 89 % Peak intensity 0.780 cd/lm

LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS BJB: 47.319.2021





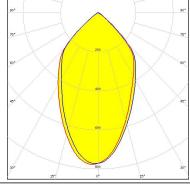
SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 62.0° Efficiency 89 % 0.780 cd/lm Peak intensity LEDs/each optic 1

White Light colour Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8101/G2





PHOTOMETRIC DATA (MEASURED):

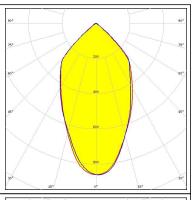
SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 59.0° Efficiency 93 % Peak intensity 0.860 cd/lm

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





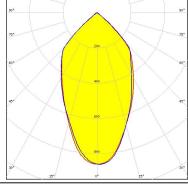
SAMSUNG

LED COB D Series LES 14.5 mm

FWHM 59.0°
Efficiency 93 %
Peak intensity 0.860 cd/lm
LEDs/each optic 1

Light colour White
Required components:
A.A.G. STUCCHI: 8101/G2





SEOUL SEMICONDUCTOR

 LED
 ZC12/18

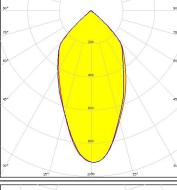
 FWHM
 54.0°

 Efficiency
 93 %

 Peak intensity
 0.920 cd/2

Peak intensity 0.920 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8101/G2





SEOUL SEMICONDUCTOR

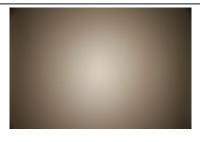
 LED
 ZC25/40/60

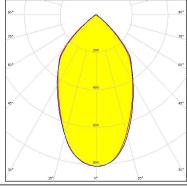
 FWHM
 62.0°

 Efficiency
 92 %

 Peak intensity
 0.810 cd/lm

LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8102/G2





PHOTOMETRIC DATA (MEASURED):

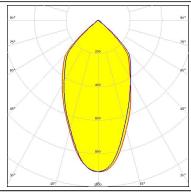
SHARP

LED Mega Zenigata (GW6DME)

FWHM 55.0°
Efficiency 94 %
Peak intensity 0.910 cd/lm

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



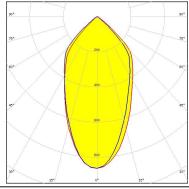


SHARP

LED Tiger Zenigata (GWTGCBG4FD)

FWHM 54.0° Efficiency 90 % Peak intensity 0.870 cd/lm

LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2051

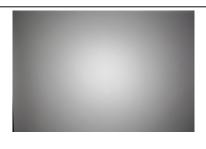


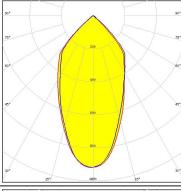
TRIDONIC

LED SLE G7 LES17 H

FWHM 53.0° Efficiency 91 % Peak intensity 0.920 cd/lm

LEDs/each optic 1
Light colour White
Required components:





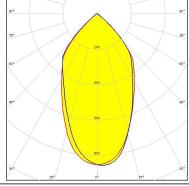
TRIDONIC

LED SLE G7 LES21 H

FWHM 59.0° Efficiency 91 % Peak intensity 0.860 cd/lm

LEDs/each optic 1
Light colour White
Required components:







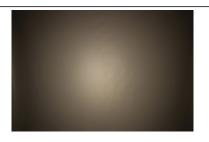
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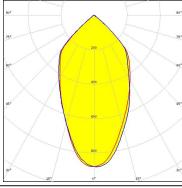
XICATO

LED XOB 14.5 mm

FWHM 57.0° Efficiency 94 % Peak intensity 0.882 cd/lm

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





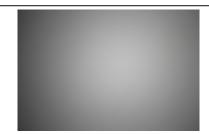
XICATO

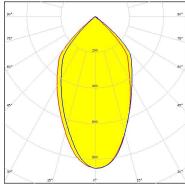
LED XTM - 19mm LES

FWHM 59.0° Efficiency 92 % Peak intensity 0.900 cd/lm

LEDs/each optic 1 Light colour White Required components:

C15743_XTM-ADAPTER-50-B





PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL04x/CLU04x

FWHM 52.0° Efficiency 95 % Peak intensity 1.100 cd/lm

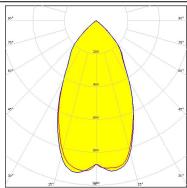
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030

CITIZEN

LED CLL04x/CLU04x

FWHM 55.0° Efficiency 90 % Peak intensity 0.940 cd/lm

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



CITIZEN

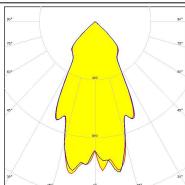
 LED
 CLU730/731

 FWHM
 52.0°

 Efficiency
 93 %

 Peak intensity
 1.080 cd/lm

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



DESCRIPTION LUMILEDS

LED LUXEON K12

FWHM 46.0° Efficiency % Peak intensity cd/lm

LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2070

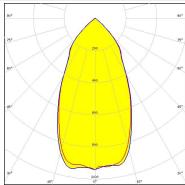
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED COB D Series LES 22 mm

FWHM 54.0° Efficiency 90 % Peak intensity 0.950 cd/lm

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

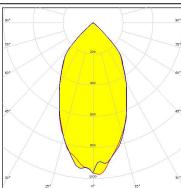


TRIDONIC

LED SLE G6 LES15 H D50

FWHM 54.0° 91 % Efficiency Peak intensity 0.990 cd/lm

LEDs/each optic 1 White Light colour Required components:

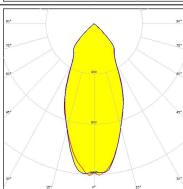


TRIDONIC

LED SLE G6 LES17 H

FWHM 46.0° Efficiency 91 % Peak intensity 1.200 cd/lm

LEDs/each optic 1 Light colour White Required components:

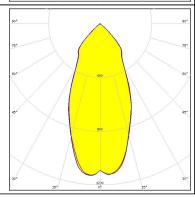


TRIDONIC

LED SLE G6 LES19 H

FWHM 48.0° Efficiency 91 % Peak intensity 1.160 cd/lm

LEDs/each optic 1 White Light colour Required components:





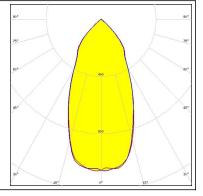
PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES23 H

FWHM 50.0° Efficiency 91 % Peak intensity 1.080 cd/lm

LEDs/each optic 1 Light colour White 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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