

ANGELA-W-B

~45° wide beam compatible with **BJB** connectors

TECHNICAL SPECIFICATIONS:

Dimensions Ø 119.5 mm

Height 74.5 mm

Fastening socket

ROHS compliant yes 🕕

MATERIAL SPECIFICATIONS:

Material Component **Type** ANGELA-W-B Reflector PC



Colour **Finish** Coating metal **HMDS**

ORDERING INFORMATION:

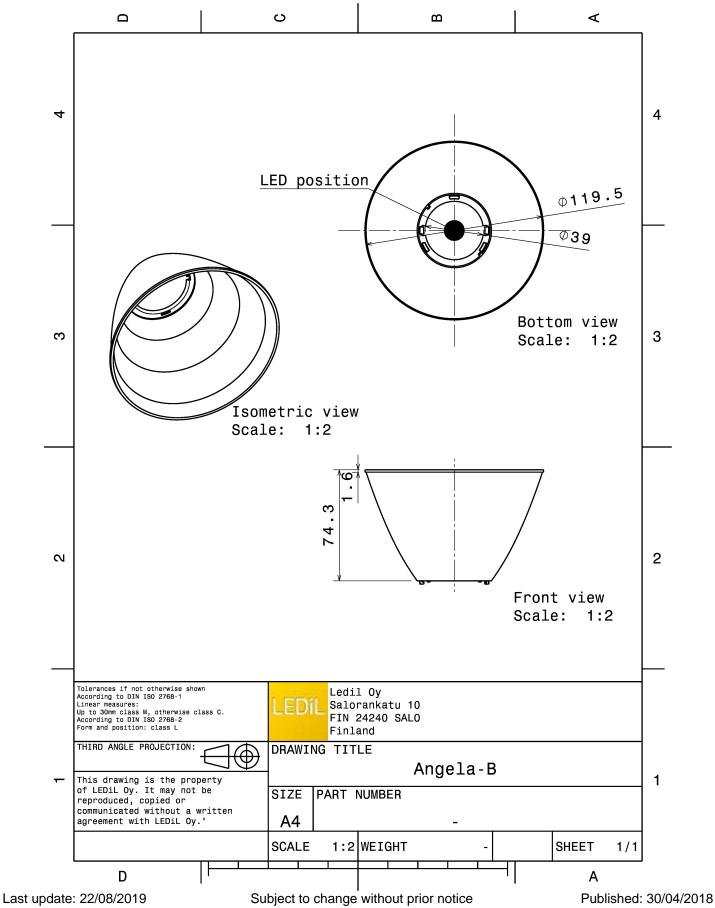
Component

F13664_ANGELA-W-B

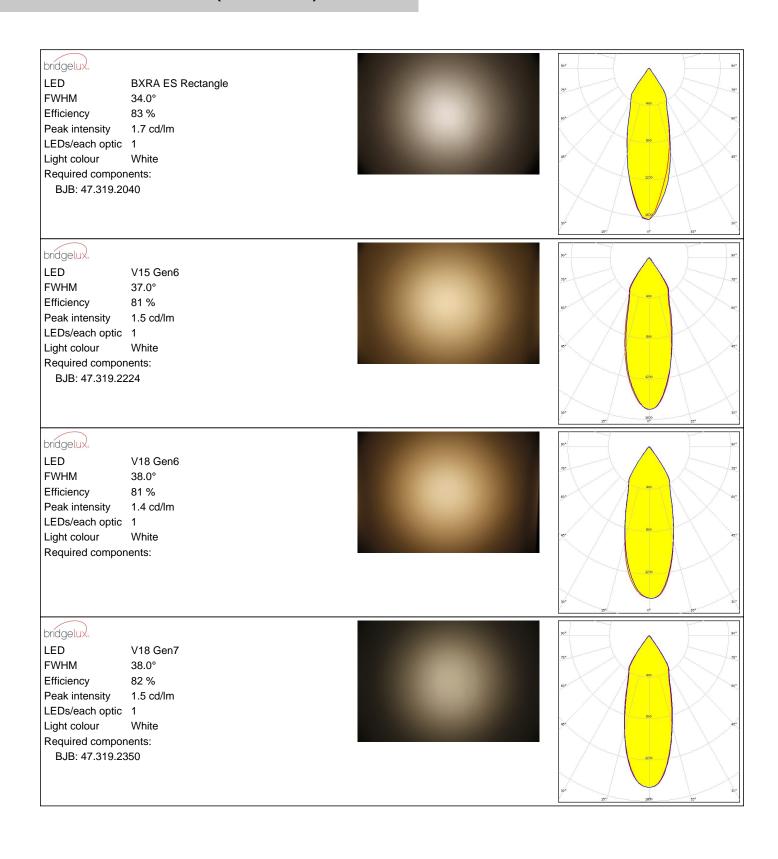
» Box size: 398 x 298 x 265 mm

Qty in box MOQ MPQ Box weight (kg) 180 90 45 9.1

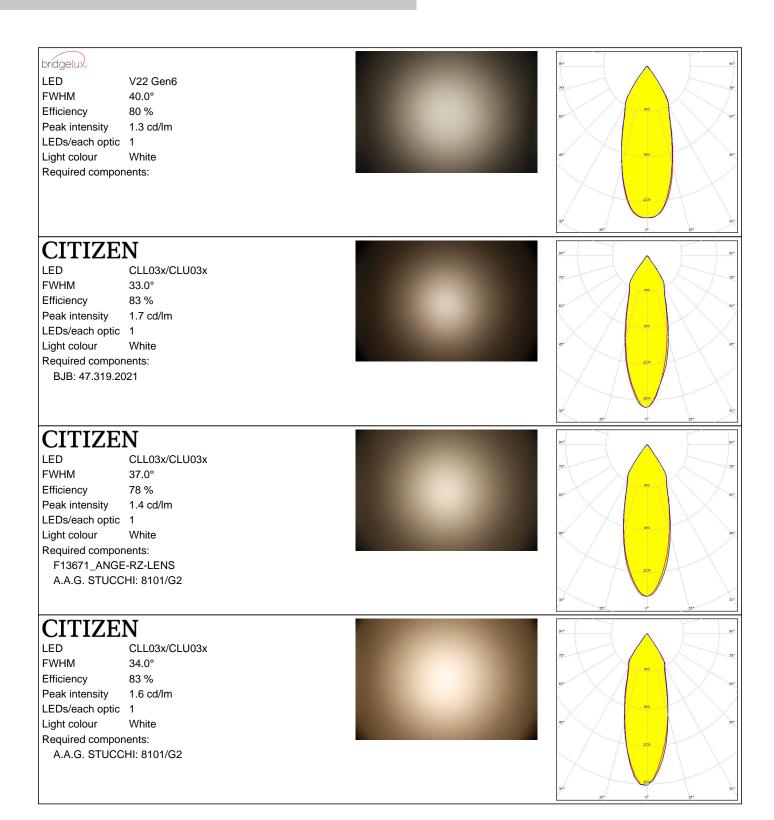












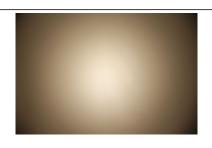


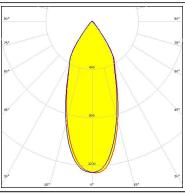
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL04x/CLU04x

FWHM 41.0° Efficiency 77 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8102/G2



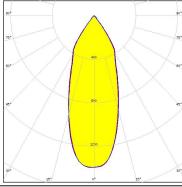


CITIZEN

LED CLL04x/CLU04x

FWHM 39.0° 82 % Efficiency Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour Required components: A.A.G. STUCCHI: 8102/G2



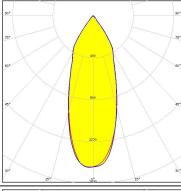


CITIZEN

LED CLL04x/CLU04x

FWHM 38.0° Efficiency 82 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2030





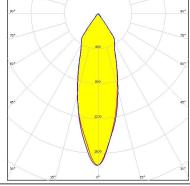
CITIZEN

CLU720/721

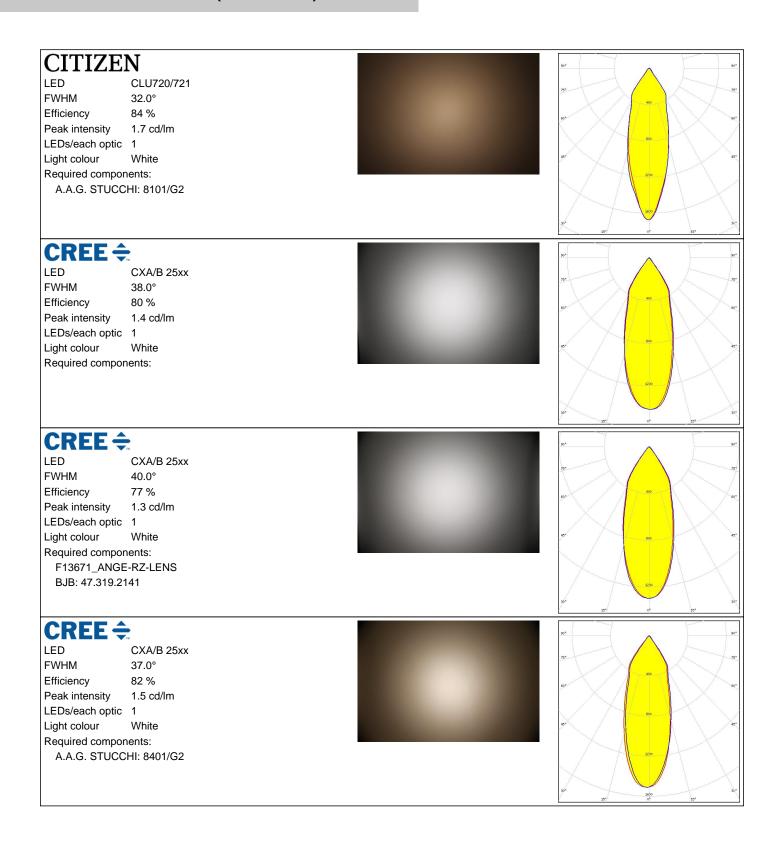
FWHM 32.0° Efficiency 83 % Peak intensity 1.7 cd/lm LEDs/each optic 1 White Light colour

Required components: BJB: 47.319.2021

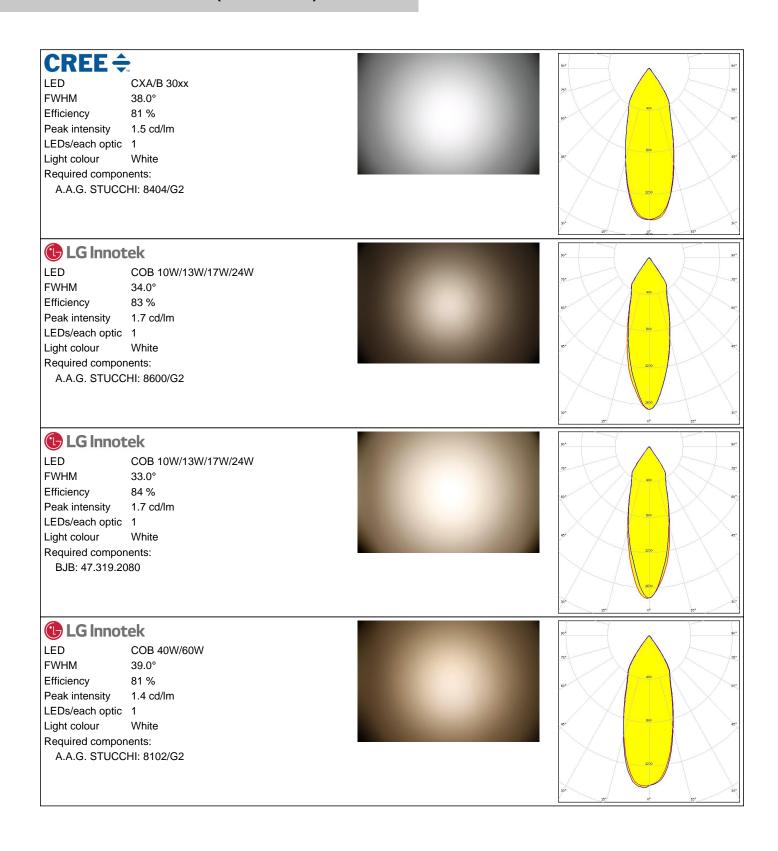














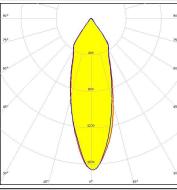
PHOTOMETRIC DATA (MEASURED):



LUXEON CoB 1204/1205

FWHM 33.0° Efficiency 83 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8301/G2



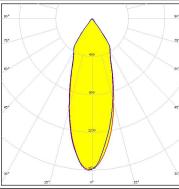


M LUMILEDS

LED LUXEON CoB 1208

FWHM 35.0° 84 % Efficiency Peak intensity 1.6 cd/lm LEDs/each optic 1 White Light colour Required components: A.A.G. STUCCHI: 8301/G2

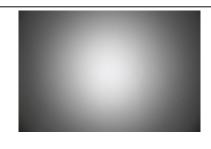


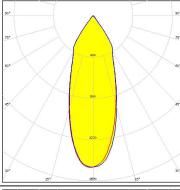


MUMILEDS

LED LUXEON CoB 1211

FWHM 37.0° Efficiency 81 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2030

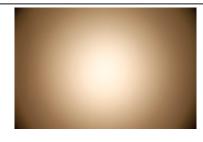


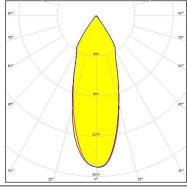


MUMILEDS

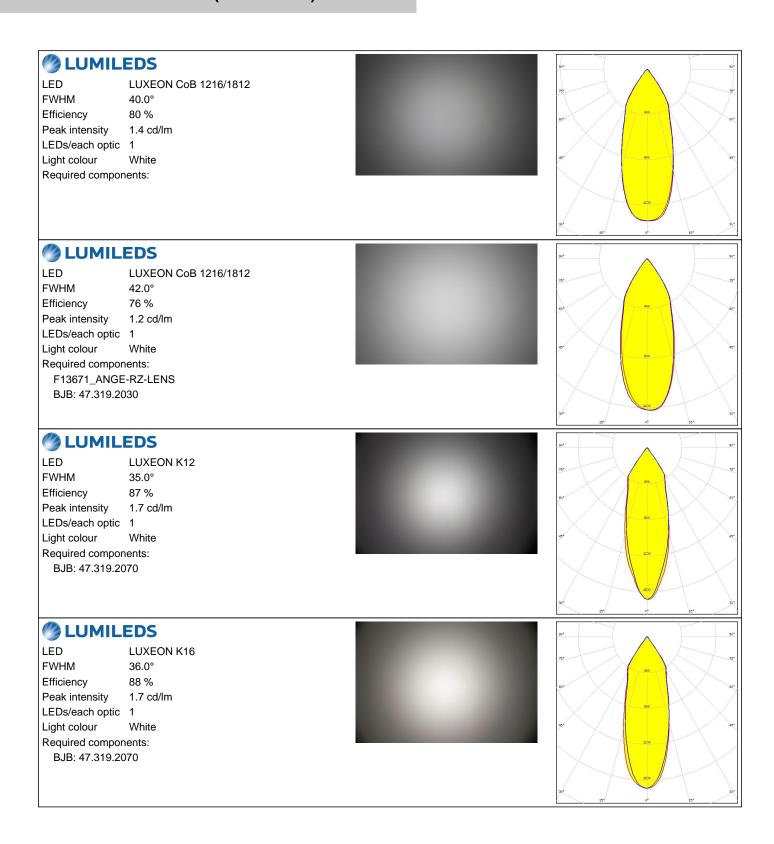
LED LUXEON CoB 1211

FWHM 37.0° Efficiency 82 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour Required components: A.A.G. STUCCHI: 8102/G2

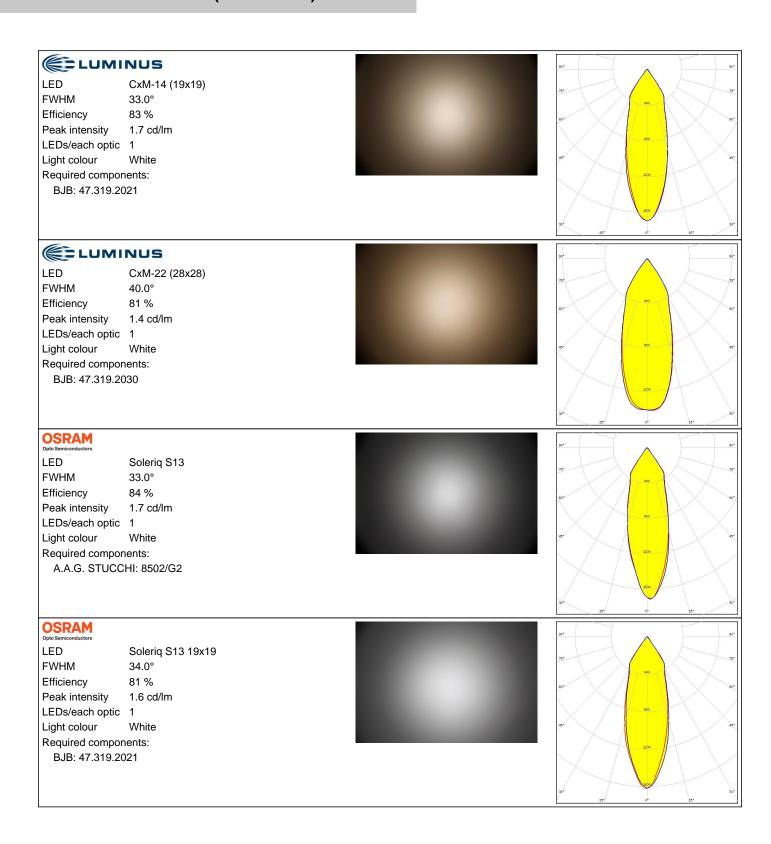












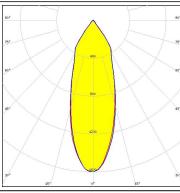


PHOTOMETRIC DATA (MEASURED):

OSRAM

LED Soleriq S19
FWHM 35.0°
Efficiency 83 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2170



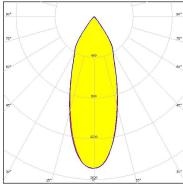


PHILIPS

LED Fortimo SLM L19 CoB

FWHM 38.0°
Efficiency 82 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030



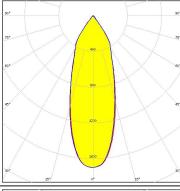


PHILIPS

LED Fortimo SLM L19 CoB

FWHM 35.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



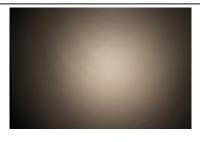


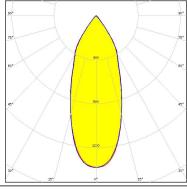
PHILIPS

BJB: 47.319.2030

LED Fortimo SLM L23 CoB FWHM 40.0°

FWHM 40.0°
Efficiency 82 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030







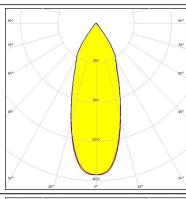
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo SLM L23 CoB

FWHM 39.0°
Efficiency 86 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



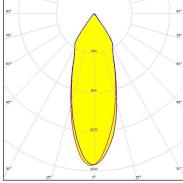


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM 36.0°
Efficiency 82 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



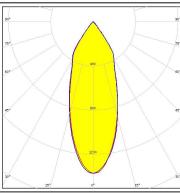


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM 38.0°
Efficiency 79 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS





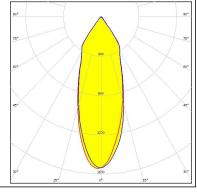
SAMSUNG

BJB: 47.319.2021

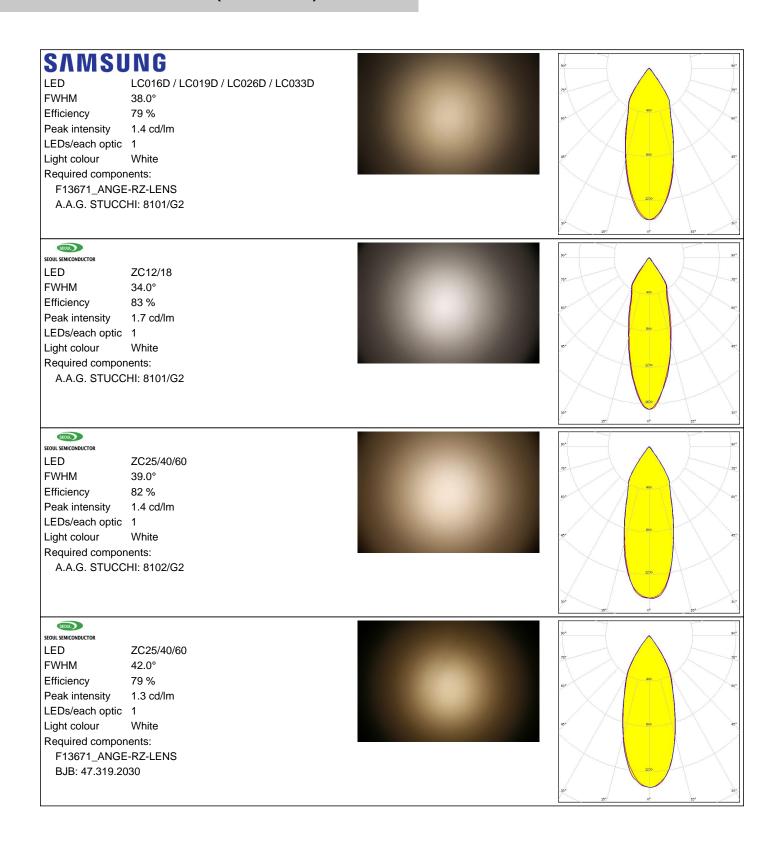
LED LC016D / LC019D / LC026D / LC033D

FWHM 36.0°
Efficiency 82 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101/G2











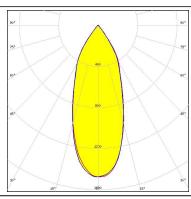
PHOTOMETRIC DATA (MEASURED):



LED ZC25/40/60 **FWHM** 40.0° Efficiency 82 % Peak intensity 1.5 cd/lm LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2030



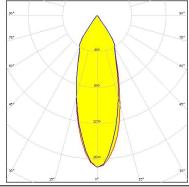


LED Mega Zenigata (GW6DME)

FWHM 34.0° 85 % Efficiency Peak intensity 1.7 cd/lm LEDs/each optic 1 White Light colour

Required components: BJB: 47.319.2011



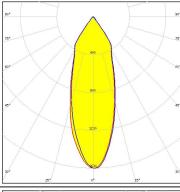


ЯP

LED Mega Zenigata (GW6DME)

FWHM 35.0° Efficiency 84 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8301/G2



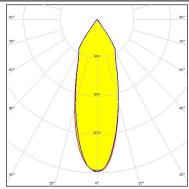


TRIDONIC

LED SLE G7 LES17 H

FWHM 34.0° Efficiency 81 % Peak intensity 1.6 cd/lm LEDs/each optic 1 White Light colour Required components:





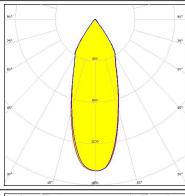
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED SLE G7 LES21 H

FWHM 37.0°
Efficiency 81 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:





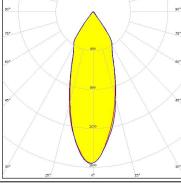
XICATO

LED XOB 14.5 mm

FWHM 36.0° Efficiency 83 % Peak intensity 1.6 cd/lm

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





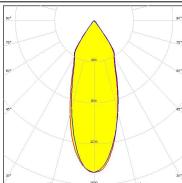
XICATO

LED XTM - 19mm LES

FWHM 37.0°
Efficiency 82 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components: C15743_XTM-ADAPTER-50-B





Published: 30/04/2018



PHOTOMETRIC DATA (SIMULATED):

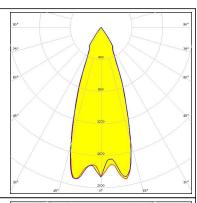
CITIZEN

LED CLU730/731

FWHM 35.0°
Efficiency 91 %
Peak intensity 2 cd/lm
LEDs/each optic 1

Light colour White Required components:

BJB: 47.319.2030

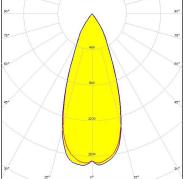


SAMSUNG

LED LC040D / LC060D / LC080D

FWHM 40.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1

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



Published: 30/04/2018



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support

www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners

www.ledil.com/ where_to_buy