

ANGELA-M-B

~30° medium beam compatible with BJB connectors

TECHNICAL SPECIFICATIONS:

Dimensions Ø 119.5 mm

Height 74.5 mm

Fastening socket

ROHS compliant yes 10



ComponentTypeMaterialANGELA-M-BReflectorPC

LEDIL®

ColourFinishCoatingmetalHMDS

ORDERING INFORMATION:

Component

F13663_ANGELA-M-B

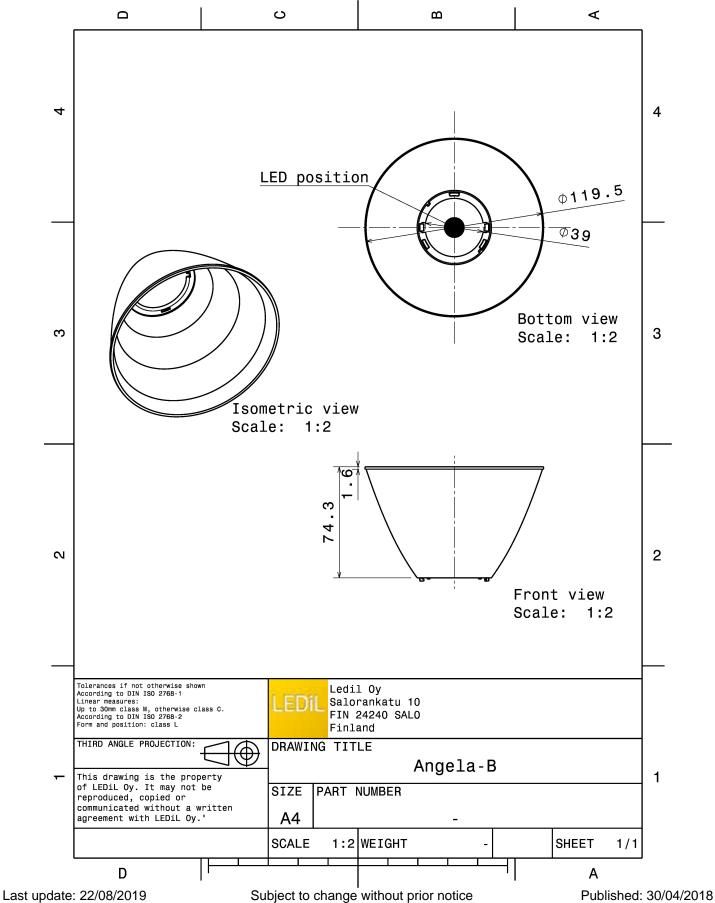
» Box size: 398 x 298 x 265 mm

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



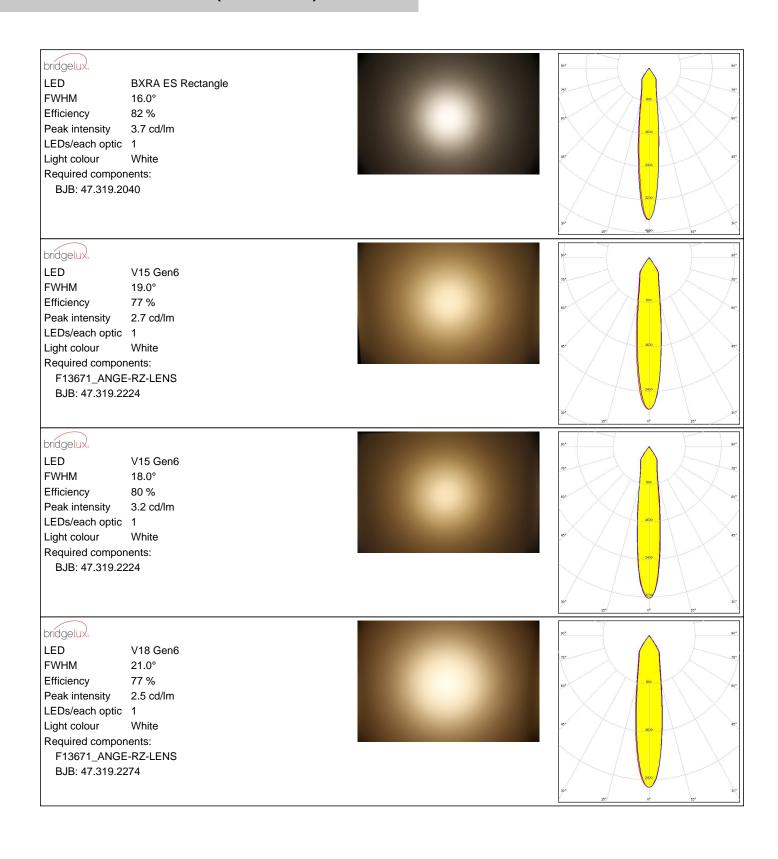
PRODUCT DATASHEET

F13663_ANGELA-M-B

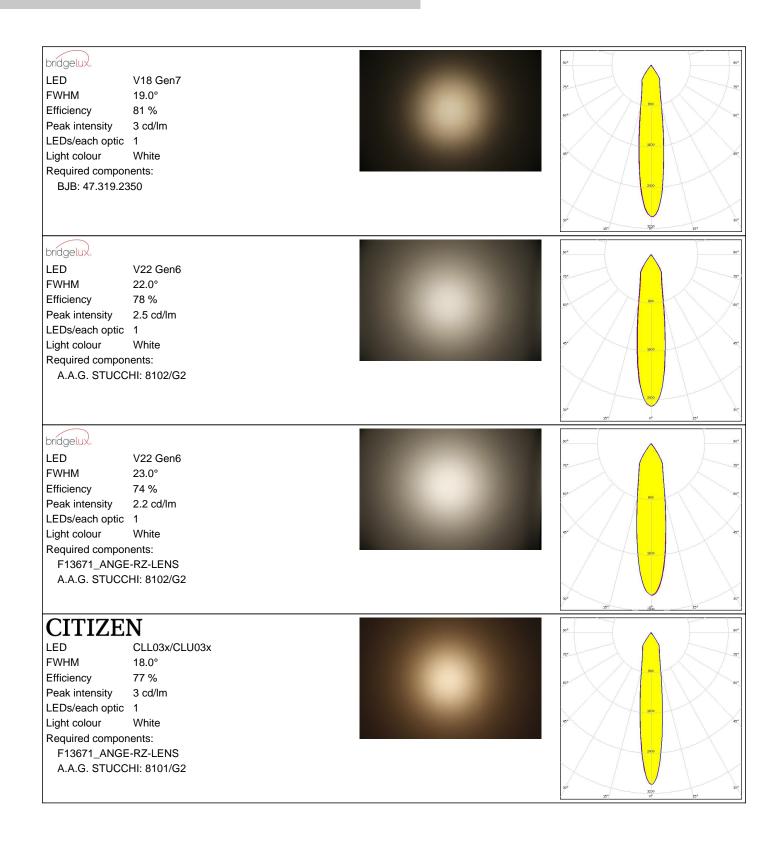


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.











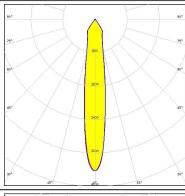
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL03x/CLU03x

FWHM 16.0° Efficiency 83 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8101/G2





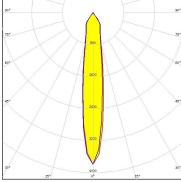
CITIZEN

LED CLL03x/CLU03x

FWHM 16.0° 83 % Efficiency Peak intensity 3.8 cd/lm LEDs/each optic 1 White Light colour Required components:

BJB: 47.319.2021



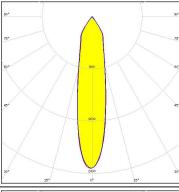


CITIZEN

LED CLL04x/CLU04x

FWHM 22.0° Efficiency 76 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8102/G2



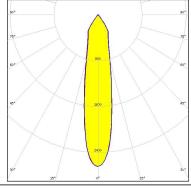


CITIZEN

CLL04x/CLU04x

FWHM 21.0° Efficiency 81 % Peak intensity 2.7 cd/lm LEDs/each optic 1 White Light colour Required components: A.A.G. STUCCHI: 8102/G2







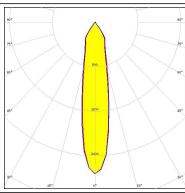
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL04x/CLU04x

FWHM 21.0° 81 % Efficiency Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components:





CITIZEN

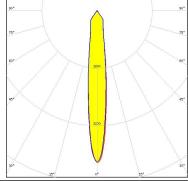
BJB: 47.319.2030

LED CLU720/721

FWHM 14.0° Efficiency Peak intensity 4.2 cd/lm

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





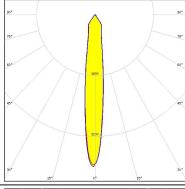
CITIZEN

LED CLU720/721

FWHM 14.0° Efficiency 83 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:

A.A.G. STUCCHI: 8101/G2





CREE \$

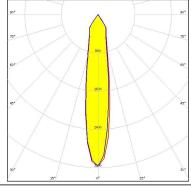
LED CXA/B 25xx

FWHM 18.0° Efficiency 82 % Peak intensity 3.2 cd/lm LEDs/each optic 1

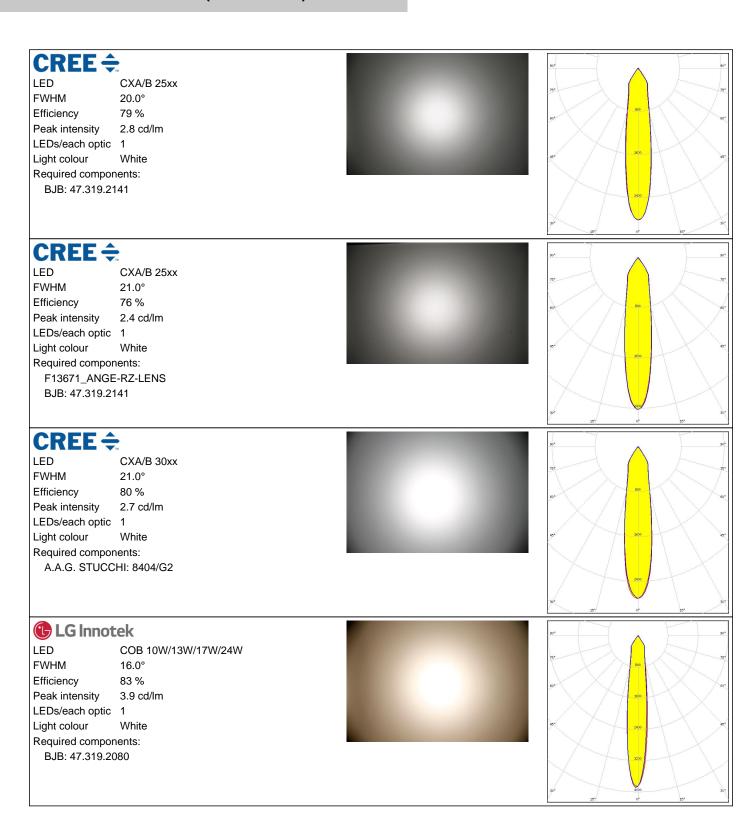
Light colour Required components: A.A.G. STUCCHI: 8401/G2

White

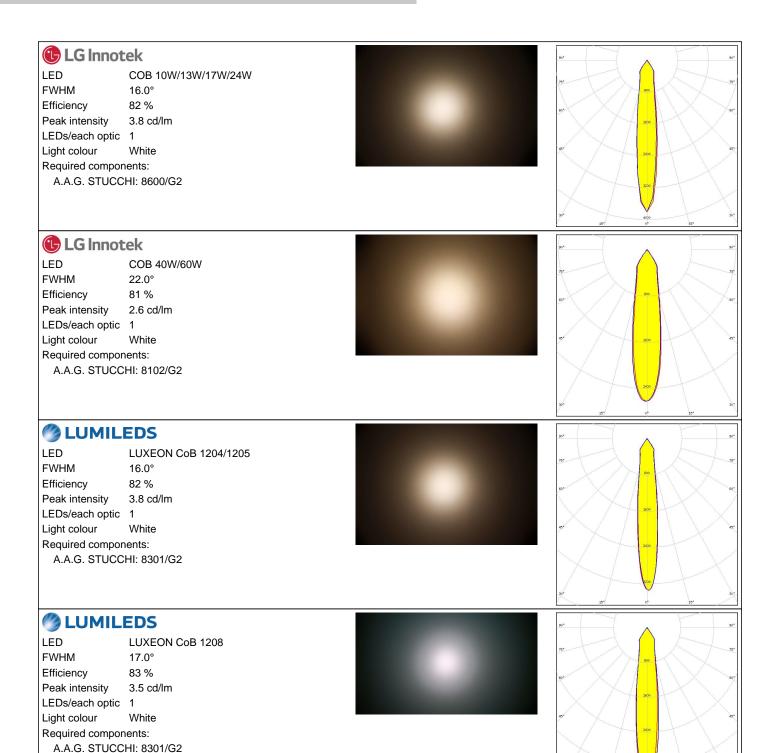










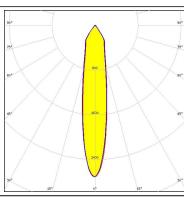




PHOTOMETRIC DATA (MEASURED):



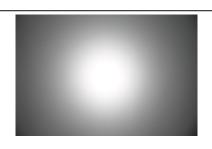


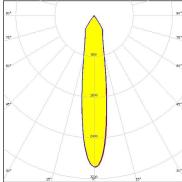


M LUMILEDS

LED LUXEON CoB 1211

FWHM 19.0° 80 % Efficiency Peak intensity 3 cd/lm LEDs/each optic 1 White Light colour Required components: BJB: 47.319.2030



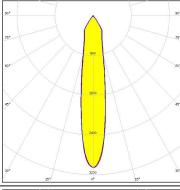


MUMILEDS

LED LUXEON CoB 1211

FWHM 19.0° Efficiency 81 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8102/G2



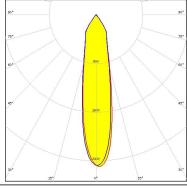


MUMILEDS

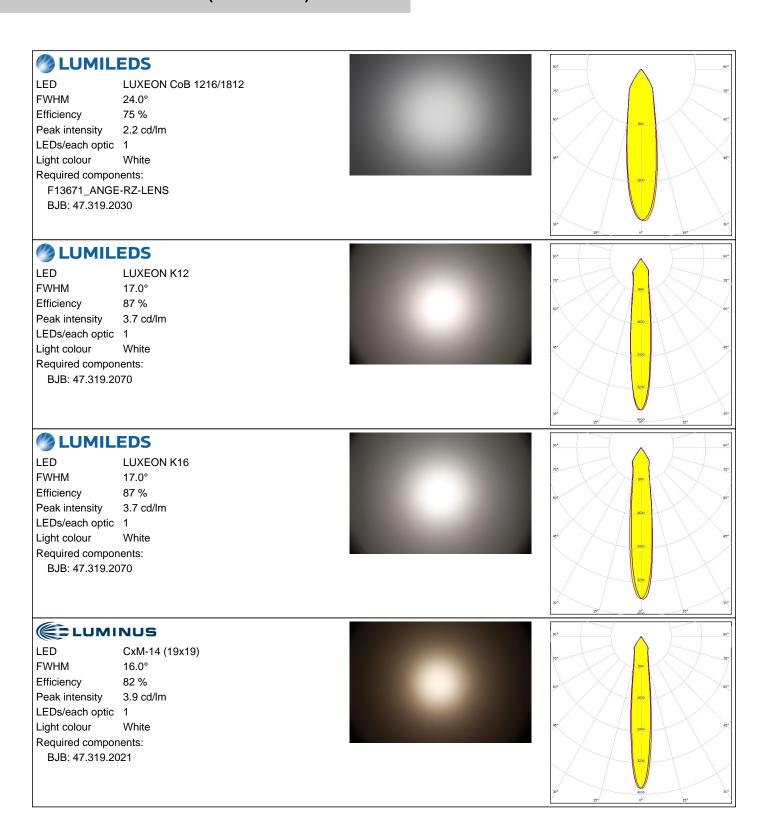
LED LUXEON CoB 1216/1812

FWHM 22.0° Efficiency 79 % 2.5 cd/lm Peak intensity LEDs/each optic 1 White Light colour Required components: BJB: 47.319.2030

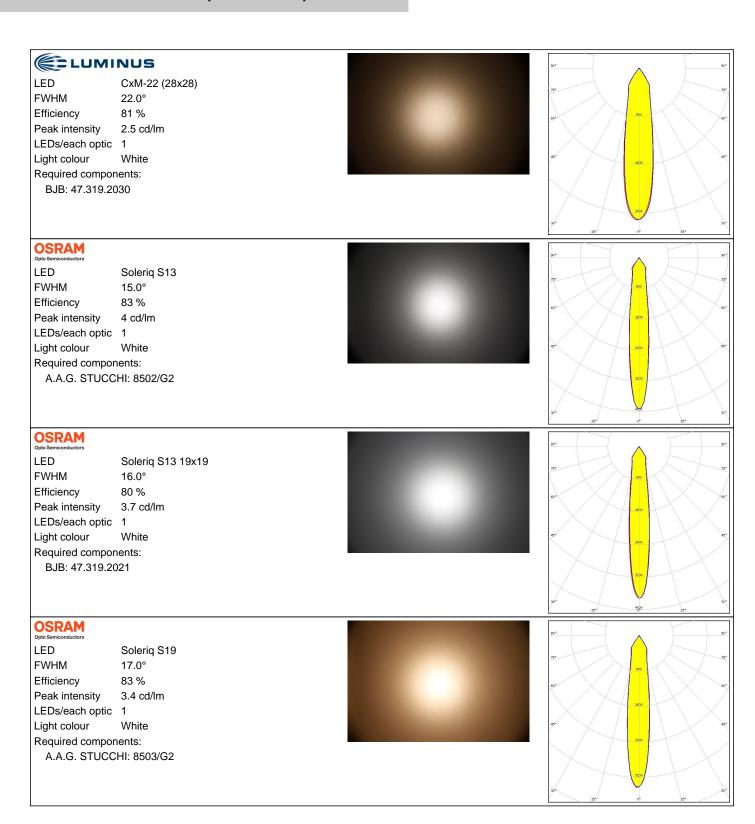












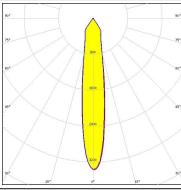


PHOTOMETRIC DATA (MEASURED):

OSRAM

LED Soleriq S19
FWHM 18.0°
Efficiency 83 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2170



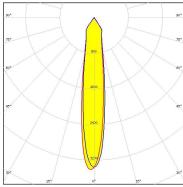


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM 17.0°
Efficiency 81 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021

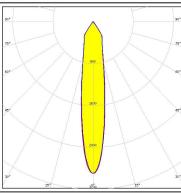




SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM 18.0°
Efficiency 78 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS



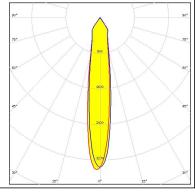
SAMSUNG

BJB: 47.319.2021

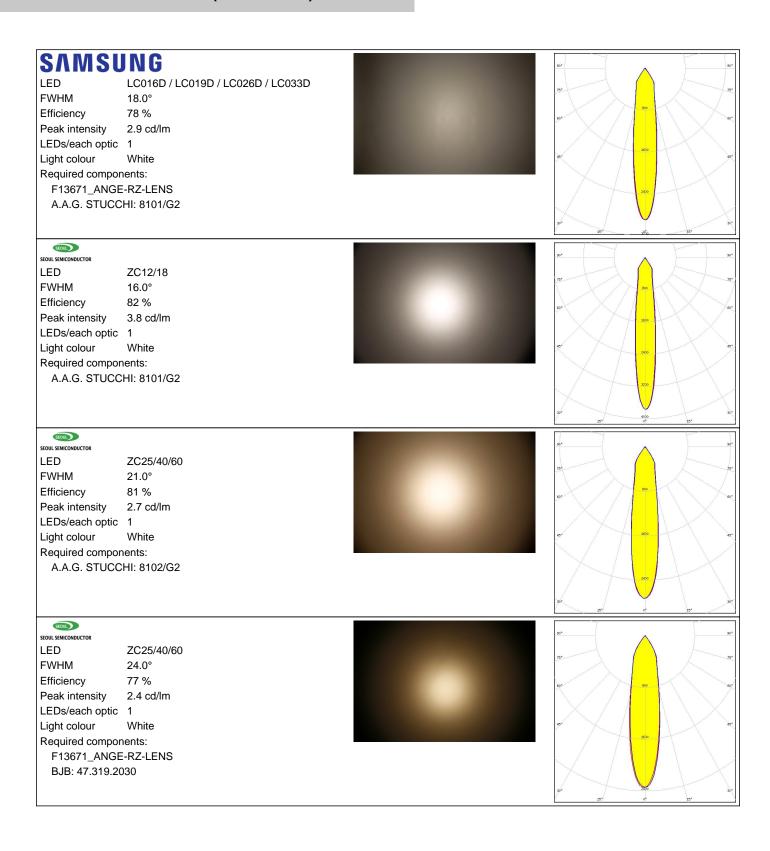
LED LC016D / LC019D / LC026D / LC033D

FWHM 17.0°
Efficiency 81 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101/G2











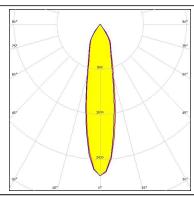
PHOTOMETRIC DATA (MEASURED):



LED ZC25/40/60 **FWHM** 23.0° 81 % Efficiency Peak intensity 2.7 cd/lm LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2030



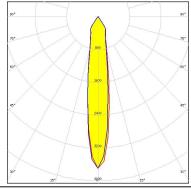


LED Mega Zenigata (GW6DME)

FWHM 17.0° 84 % Efficiency Peak intensity 3.7 cd/lm LEDs/each optic 1 White Light colour

Required components: BJB: 47.319.2011



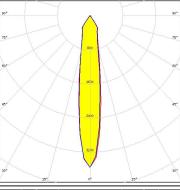


ЯP

LED Mega Zenigata (GW6DME)

FWHM 17.0° Efficiency 83 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8301/G2



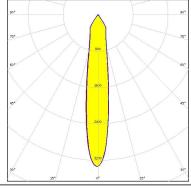


TRIDONIC

LED SLE G7 LES17 H

FWHM 17.0° Efficiency 80 % Peak intensity 3.3 cd/lm LEDs/each optic 1 White Light colour Required components:







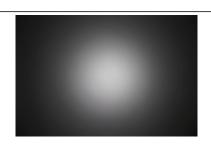
PHOTOMETRIC DATA (MEASURED):

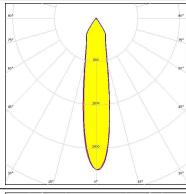
TRIDONIC

LED SLE G7 LES21 H

FWHM 20.0° Efficiency 80 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour White

Required components:





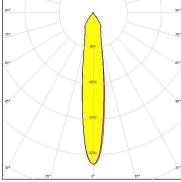
XICATO

LED XOB 14.5 mm

FWHM 17.0° Efficiency 82 % Peak intensity 3.4 cd/lm

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





XICATO

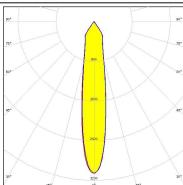
LED XTM - 19mm LES

FWHM 19.0°
Efficiency 81 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C15743_XTM-ADAPTER-50-B







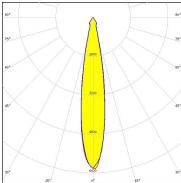
PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL03x/CLU03x

FWHM 18.0° Efficiency 94 % Peak intensity 6.3 cd/lm LEDs/each optic

Light colour White Required components: BJB: 47.319.2021

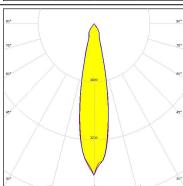


CITIZEN

LED CLL04x/CLU04x

FWHM 22.0° 88 % Efficiency Peak intensity 4.2 cd/lm LEDs/each optic 1

White Light colour Required components: BJB: 47.319.2030

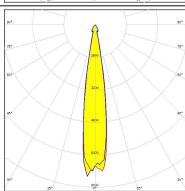


CITIZEN

LED CLU730/731

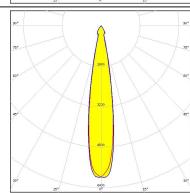
FWHM 16.0° Efficiency 91 % LEDs/each optic Light colour White Required components:

BJB: 47.319.2030



OSRAM Opto Semiconductors

LED Soleriq S15 **FWHM** 18.0° Efficiency 90 % Peak intensity 6 cd/lm LEDs/each optic White Light colour Required components: BJB: 47.319.2021





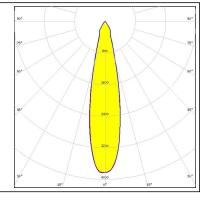
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LC040D / LC060D / LC080D

FWHM 23.0°
Efficiency 87 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1

Light colour White Required components:
BJB: 47.319.2030





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 OV

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