

ILONA-SS

~14° smooth spot beam

SPECIFICATION:

Dimensions Ø 49.8 mm
Height 29.3 mm
Fastening socket
ROHS compliant yes



MATERIALS:

ComponentTypeMaterialColourFinishILONA-SSSingle lensPMMAclear

ORDERING INFORMATION:

Component

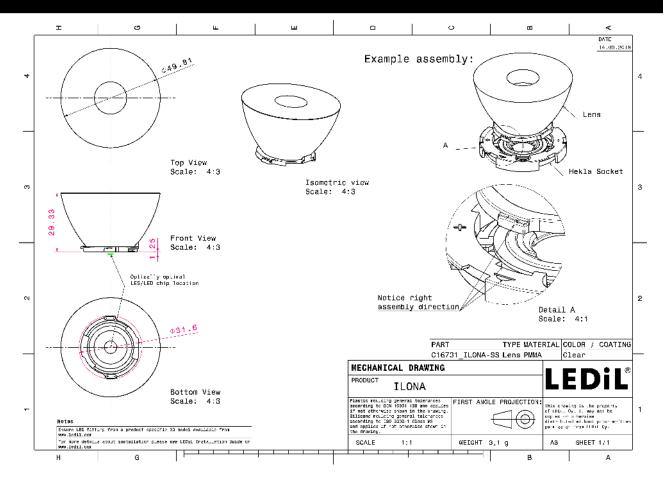
C16731_ILONA-SS

» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg) 264 99 33 9.7

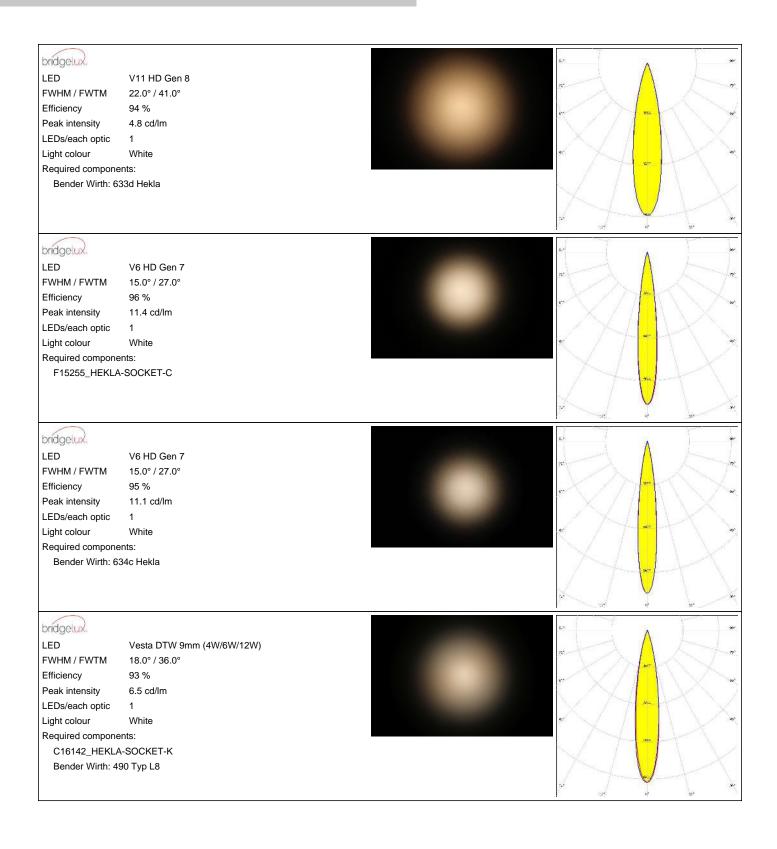


PRODUCT C16731_ILONA-SS



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









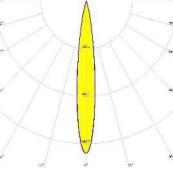
Vesta TW 6mm DP

FWHM / FWTM 14.0° / 28.0° Efficiency 91 % Peak intensity 10.3 cd/lm LEDs/each optic 1

Light colour White Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 504 Typ L8





CITIZEN

 LED
 CLU7A2/7A3

 FWHM / FWTM
 11.0° / 21.0°

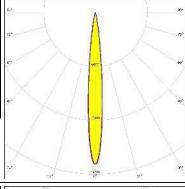
 Efficiency
 94 %

 Peak intensity
 18 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C





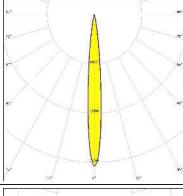
CITIZEN

LED CLU7B2
FWHM / FWTM 10.0° / 20.0°
Efficiency 94 %
Peak intensity 19.7 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C



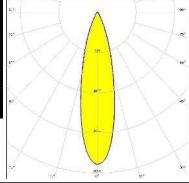


MILEDS

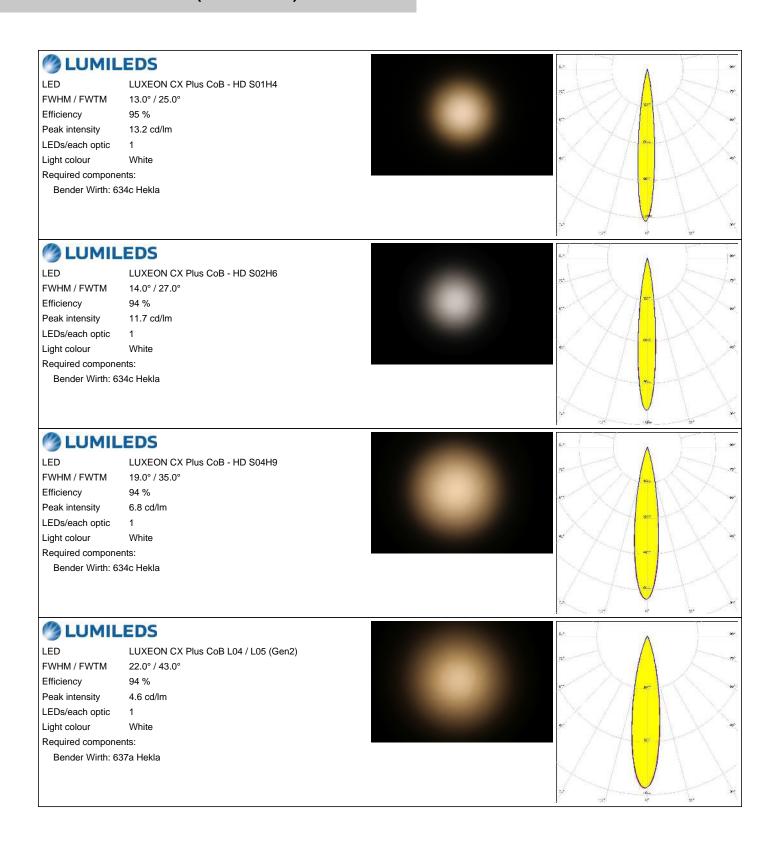
LED LUXEON CX Plus CoB L08 (Gen2)

FWHM / FWTM 26.0° / 52.0°
Efficiency 93 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla

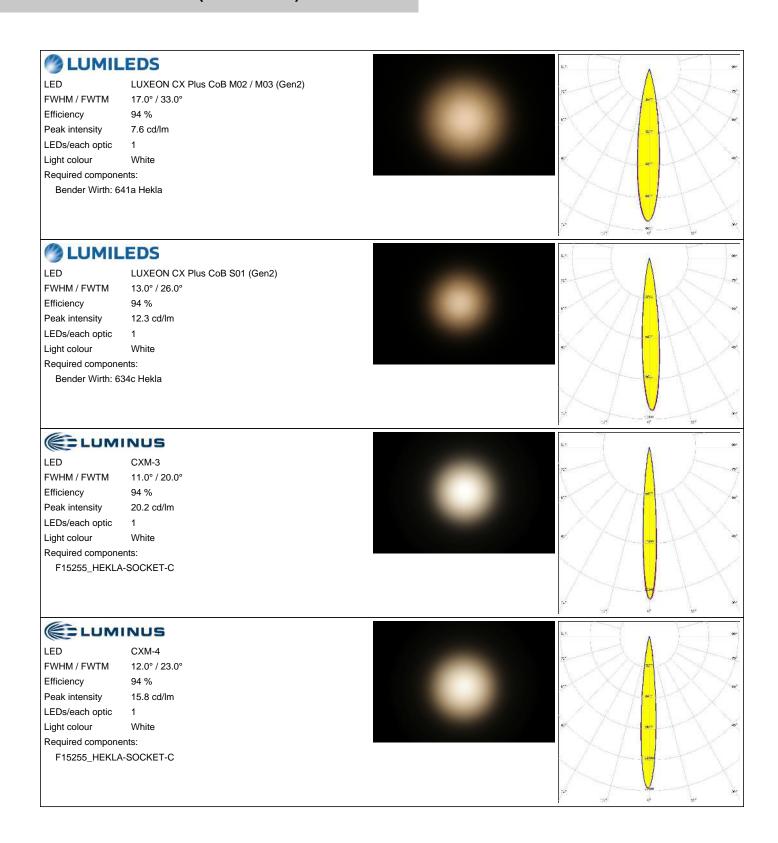












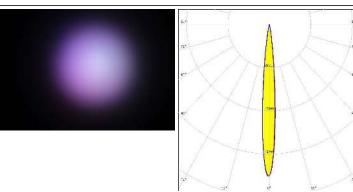


OSRAM Opto Semiconductors

LED OSTAR Stage (S2WN)

FWHM / FWTM 10.0° / 19.0°
Efficiency 94 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour White

Required components: F15859_HEKLA-SOCKET-I



OSRAM Opto Semiconductors

LED OSTAR Stage (S2WP)

FWHM / FWTM 11.0° / 21.0°

Efficiency 94 %

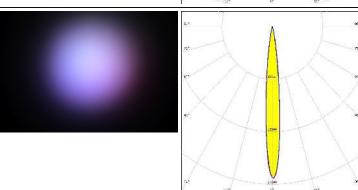
Peak intensity 18.6 cd/lm

LEDs/each optic 1

Light colour White

F15859_HEKLA-SOCKET-I

Required components:



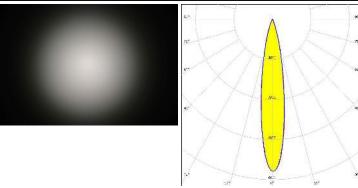
SAMSUNG

LED LC010T (Tunable White)

FWHM / FWTM 18.0° / 37.0°
Efficiency 94 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1

Light colour Tunable White

Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 501 Typ L8

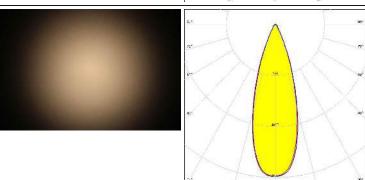


SEOUL SEMICONDUCTOR

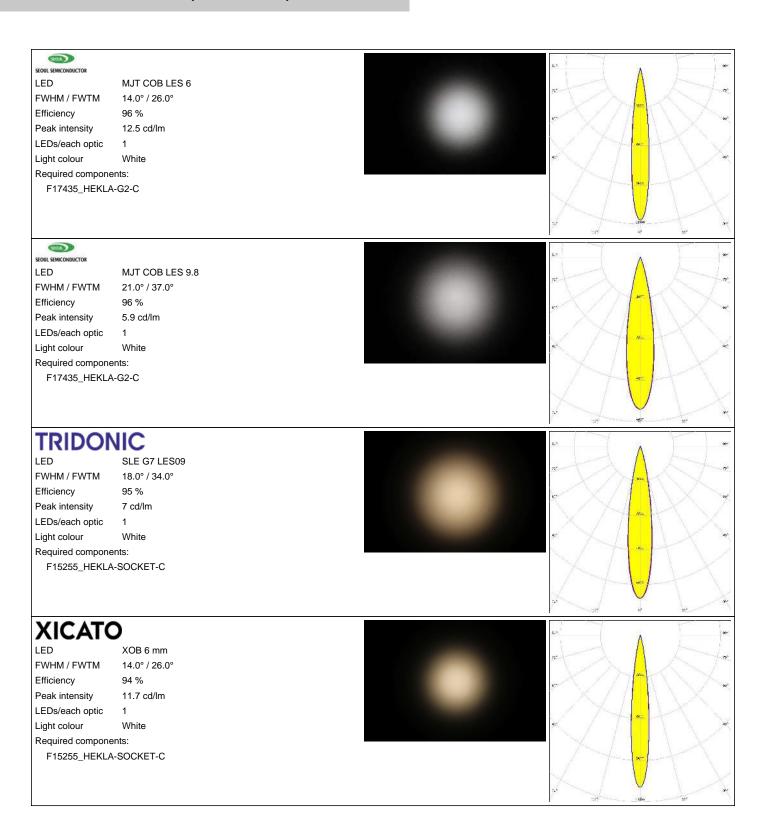
LED MJT COB LES 14.5

FWHM / FWTM 33.0° / 57.0°
Efficiency 95 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White

Required components: F17438_HEKLA-G2-I









F15255_HEKLA-SOCKET-C

XICATO LED XOB 9.8 mm FWHM / FWTM 19.0° / 35.0° Efficiency 94 % Peak intensity 6.8 cd/lm LEDs/each optic 1 Light colour White Required components:



bridgelux

LED V13 Gen 8

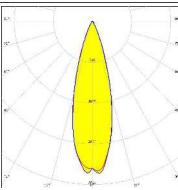
FWHM / FWTM 30.0° / 52.0°

Efficiency 92 % Peak intensity 3 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15859_HEKLA-SOCKET-I



bridgelux.

LED V4 HD Gen 7

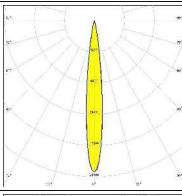
FWHM / FWTM 12.0° / 23.0° Efficiency 91 %

Efficiency 91 %
Peak intensity 15.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15253_HEKLA-SOCKET-A



bridgelux

LED V9 HD Gen7

FWHM / FWTM 18.0° / 32.0°

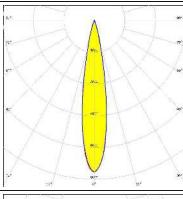
Efficiency 94 %

Peak intensity 7.7 cd/lm LEDs/each optic 1

Light colour White

Required components:

F15859_HEKLA-SOCKET-I



bridgelux

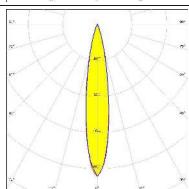
LED Vero SE 10

FWHM / FWTM 18.0° / 36.0° Efficiency 94 %

Peak intensity 6.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:





bridgelux

LED Vero SE 13

FWHM / FWTM 20.0° / 50.0° Efficiency 91 %

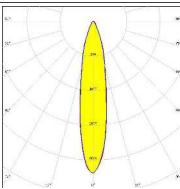
Peak intensity 3.5 cd/lm

LEDs/each optic

Light colour White

Required components:

C16142_HEKLA-SOCKET-K



bridgelux.

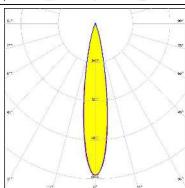
LED Vesta TW 9mm (9W) DP

FWHM / FWTM 18.0° / 35.0° Efficiency 86 % Peak intensity 6.3 cd/lm

LEDs/each optic 1 White Light colour

Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 489 Typ L8



CITIZEN

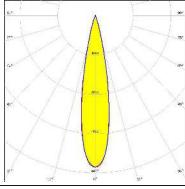
LED CLL02x/CLU02x (LES10)

FWHM / FWTM 21.0° / 35.0° Efficiency 87 % Peak intensity 6.2 cd/lm

LEDs/each optic Light colour White

Required components:

F15255_HEKLA-SOCKET-C



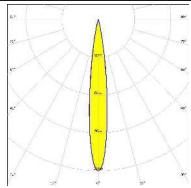
CITIZEN

CLU700/701/702/703

FWHM / FWTM 14.0° / 25.0° Efficiency 91 % Peak intensity 12.9 cd/lm

LEDs/each optic White Light colour Required components:

F15255_HEKLA-SOCKET-C





CITIZEN

LED CLU712/713

FWHM / FWTM 18.0° / 33.0°

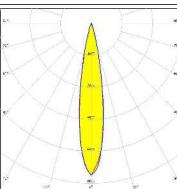
Efficiency 95 %

Peak intensity 7.6 cd/lm

LEDs/each optic 1

Light colour White

Required components: F17438_HEKLA-G2-I



CREE - LED

LED CHA0304

FWHM / FWTM 11.0° / 22.0°

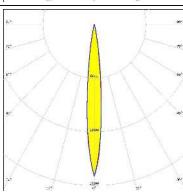
Efficiency 95 %

Peak intensity 18.1 cd/lm LEDs/each optic 1

LEDs/each optic 1
Light colour White

Required components:

F17435_HEKLA-G2-C



CREE + LED

LED CHA0410

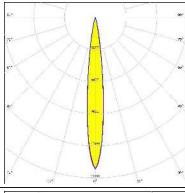
FWHM / FWTM 12.0° / 24.0°

Efficiency 95 %

Peak intensity 15.1 cd/lm

LEDs/each optic 1
Light colour White

Required components: F17435_HEKLA-G2-C



CREE - LED

LED CMA1303

FWHM / FWTM 12.0° / 24.0°

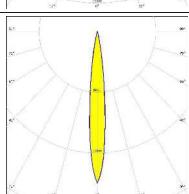
Efficiency 96 %
Peak intensity 16 cd/lm

LEDs/each optic 1

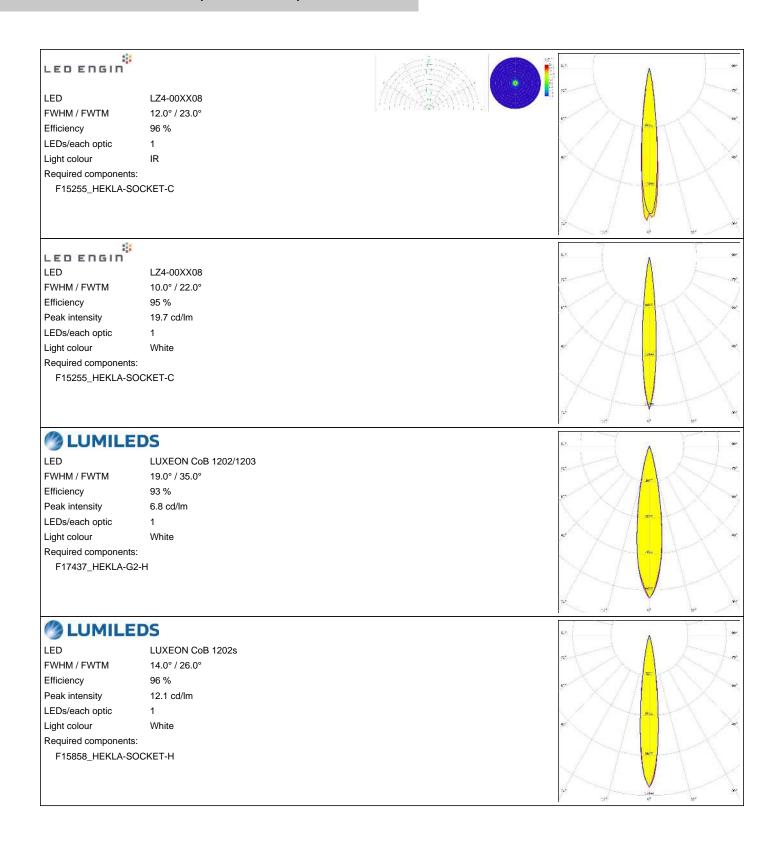
Light colour White

Required components:

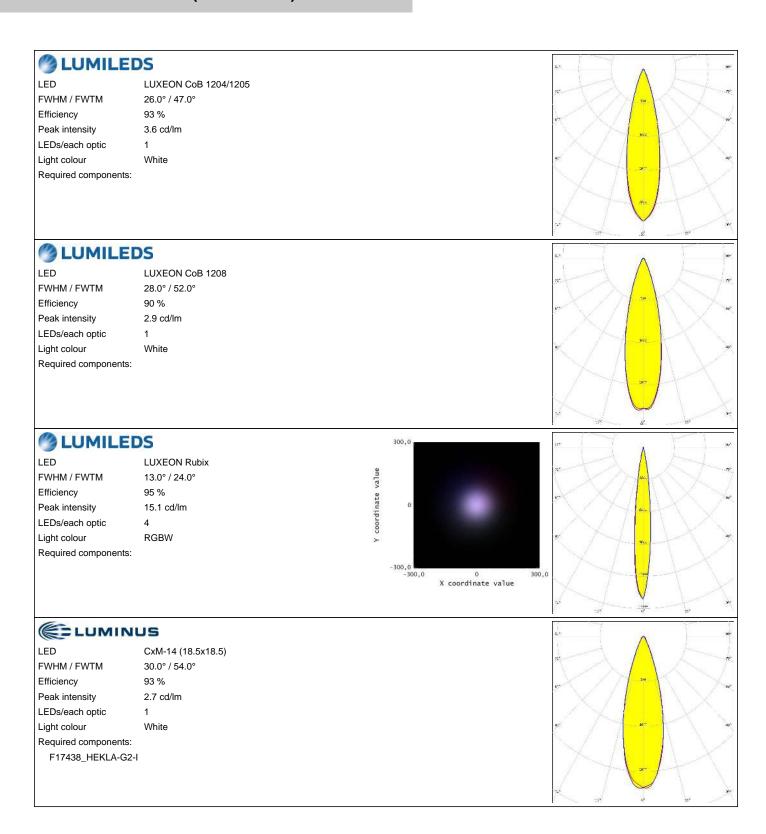
F17439_HEKLA-G2-J













WNICHIA

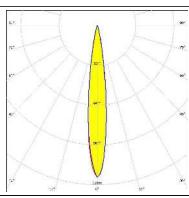
LED COB S-Type (LES 6)

FWHM / FWTM 14.0° / 26.0° Efficiency 93 % Peak intensity 12.2 cd/lm

LEDs/each optic Light colour White

Required components:

F15848_HEKLA-SOCKET-G



WNICHIA

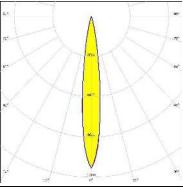
LED COB S-Type (LES 6)

FWHM / FWTM 14.0° / 26.0° Efficiency 93 % Peak intensity 12.1 cd/lm

LEDs/each optic 1 White Light colour

Required components:

F15848_HEKLA-SOCKET-G



WNICHIA

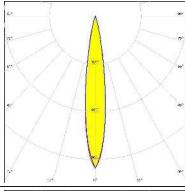
LED COB S-Type (LES 7)

FWHM / FWTM 16.0° / 30.0° Efficiency 95 % Peak intensity 10.2 cd/lm

LEDs/each optic 1 Light colour White

Required components:

F15848_HEKLA-SOCKET-G



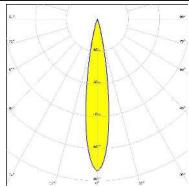
WNICHIA

LED NFSWE11A

FWHM / FWTM 18.0° / 32.0° Efficiency 88 % Peak intensity 7.5 cd/lm LEDs/each optic 30 White Light colour

Required components:

C16142_HEKLA-SOCKET-K



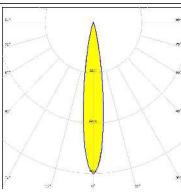


WNICHIA

LED NJCWL024Z-V1MT: COB L-Type Tunable White

FWHM / FWTM 16.0° / 30.0°
Efficiency 94 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 497 Typ L8



WNICHIA

LED NVCWJ024Z-V1MT: COB J-Type Tunable White

FWHM / FWTM 20.0° / 40.0°

Efficiency 93 %

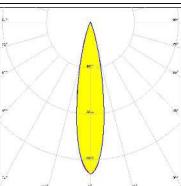
Peak intensity 5.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 498 Typ L8



PHILIPS

LED Fortimo SLM L13 CoB

FWHM / FWTM 24.0° / 46.0°

Efficiency 93 %

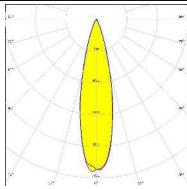
Peak intensity 3.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Bender Wirth: 632a Hekla XL



PHILIPS

Required components:

LED Fortimo SLM L15 CoB

FWHM / FWTM 26.0° / 51.0°

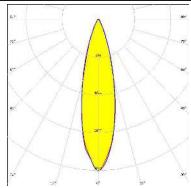
Efficiency 92 %

Peak intensity 3.2 cd/lm

LEDs/each optic 1

Light colour White

Bender Wirth: 632a Hekla XL



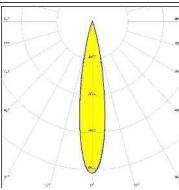


SAMSUNG

LED LC003D / LC006D / LC009D / LC013D

FWHM / FWTM 19.0° / 34.0°
Efficiency 87 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White

Required components: F15255_HEKLA-SOCKET-C



SAMSUNG

 LED
 LC020C

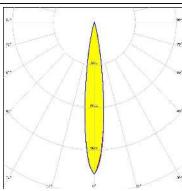
 FWHM / FWTM
 14.0° / 28.0°

 Efficiency
 94 %

 Peak intensity
 11.4 cd/lm

LEDs/each optic 1
Light colour White

Required components: F17438_HEKLA-G2-I



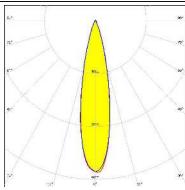
SAMSUNG

LED LC020T (Tunable white)

FWHM / FWTM 22.0° / 42.0°
Efficiency 92 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White

Light colour Wh Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 501 Typ L8

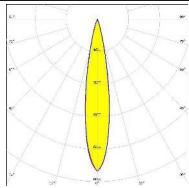


XICATO

LED XTM - 9mm LES
FWHM / FWTM 18.0° / 34.0°
Efficiency 94 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1

Light colour White Required components:

C15743_XTM-ADAPTER-50-B





PRODUCT DATASHEET C16731_ILONA-SS

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

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

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