

ILONA-RS

~10° spot beam

SPECIFICATION:

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



MPQ

Box weight (kg)

9.6

MATERIALS:

Component Type Material Colour **Finish ILONA-RS** Single lens **PMMA** clear

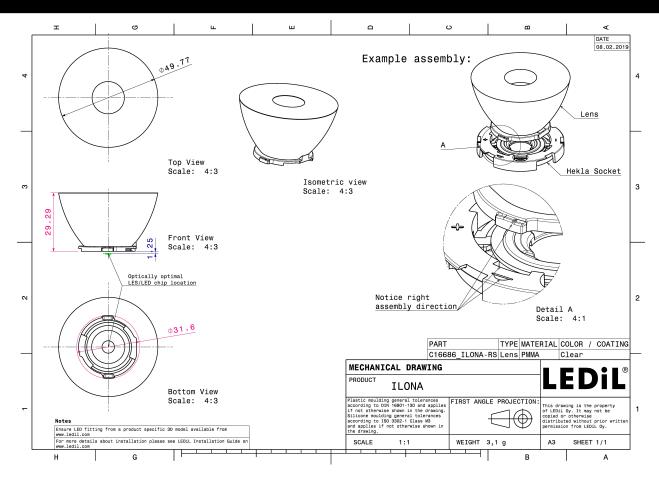
ORDERING INFORMATION:

Component Qty in box MOQ

264 C16686_ILONA-RS 99 33 » Box size: 480 x 280 x 300 mm

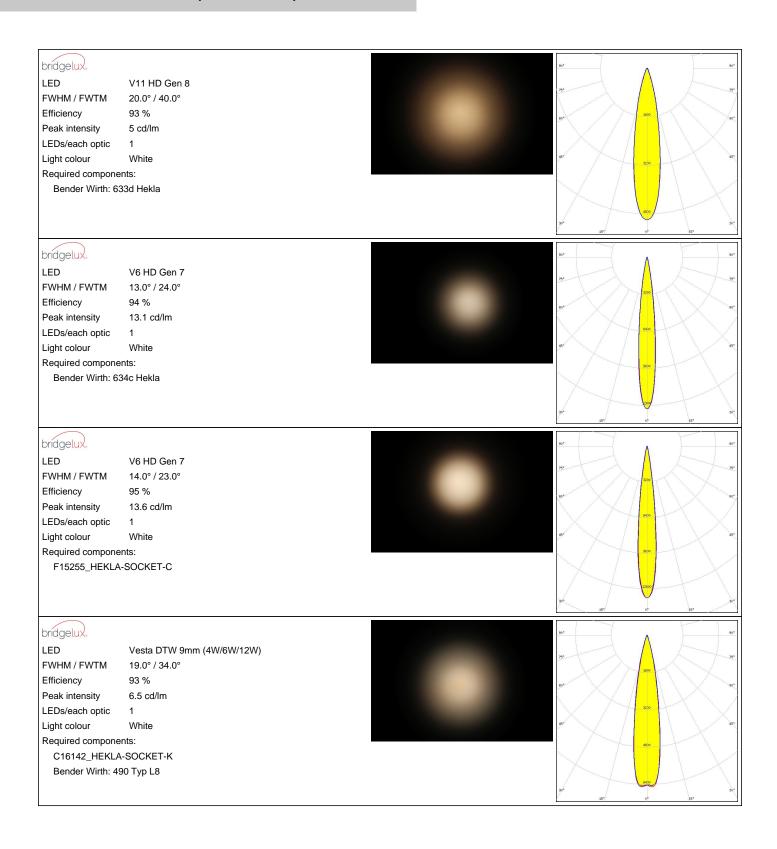


PRODUCT C16686_ILONA-RS



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









LEDs/each optic 1
Light colour White
Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 504 Typ L8

CITIZEN

LED CLU700/701/702/703

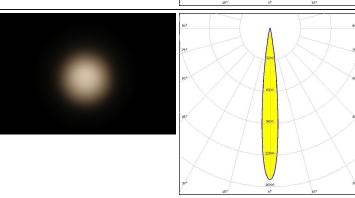
 FWHM / FWTM
 12.0° / 22.0°

 Efficiency
 96 %

 Peak intensity
 15.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:

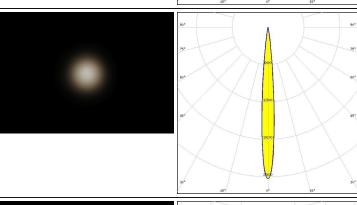
F15255_HEKLA-SOCKET-C



CITIZEN

LED CLU7A2/7A3
FWHM / FWTM 9.0° / 17.0°
Efficiency 94 %
Peak intensity 26 cd/lm
LEDs/each optic 1
Light colour White

F15255_HEKLA-SOCKET-C

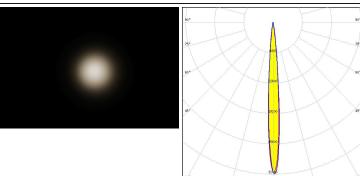


CITIZEN

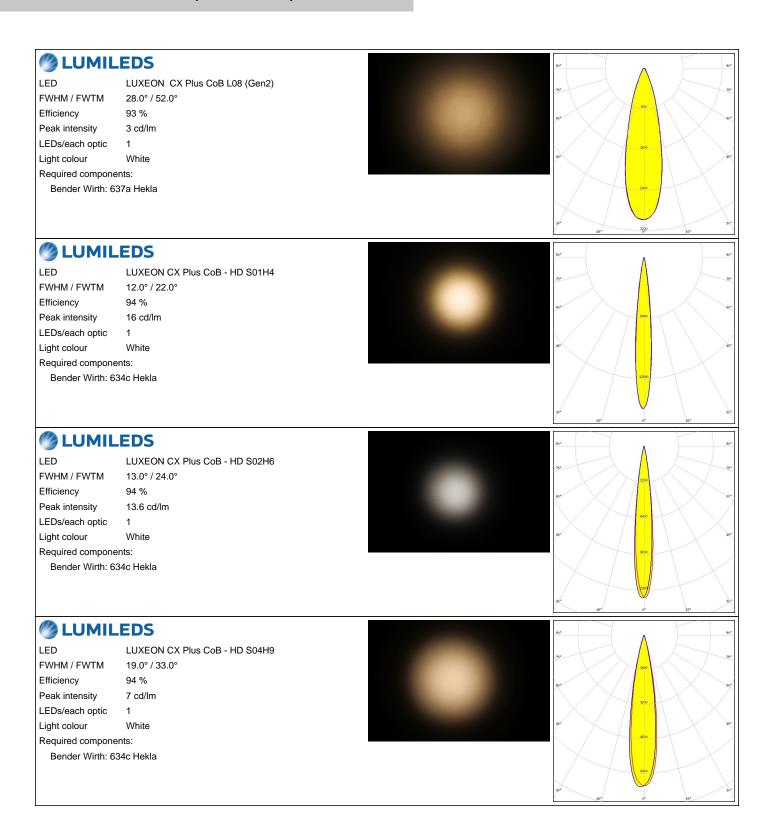
Required components:

LED CLU7B2
FWHM / FWTM 8.0° / 16.0°
Efficiency 94 %
Peak intensity 32.2 cd/lm
LEDs/each optic 1

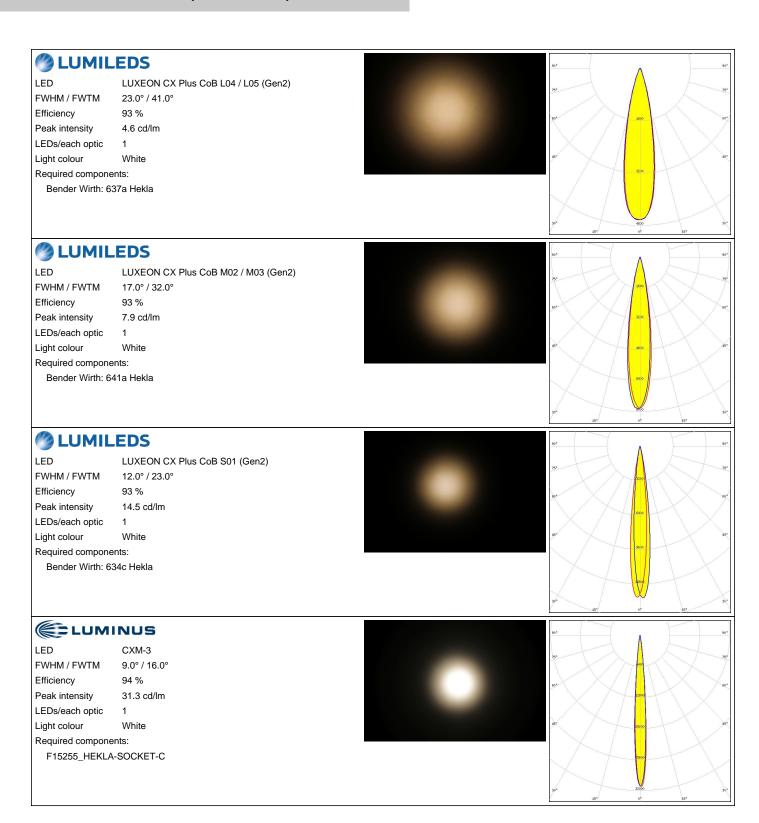
Light colour White Required components: F15255_HEKLA-SOCKET-C





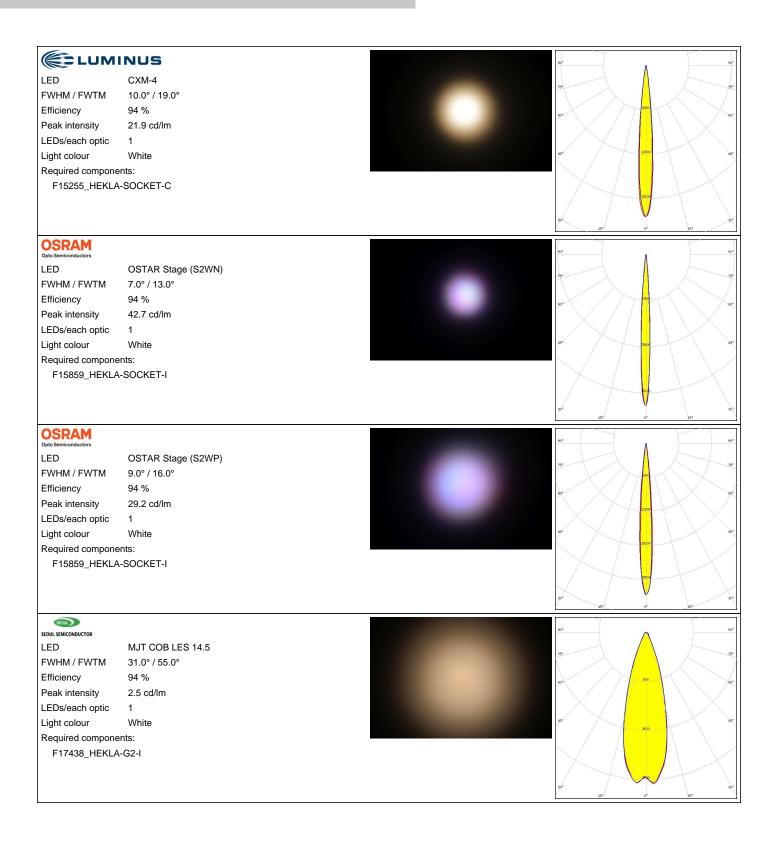




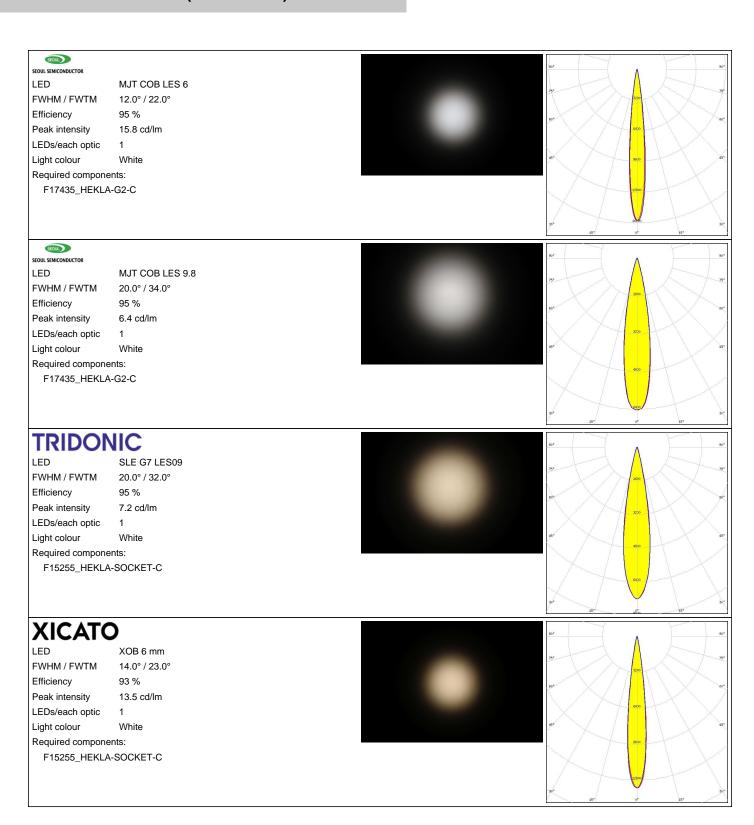


6/18











XICATO

 LED
 XOB 9.8 mm

 FWHM / FWTM
 19.0° / 32.0°

 Efficiency
 94 %

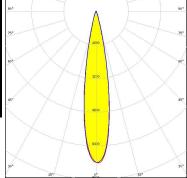
 Peak intensity
 7.2 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F15255_HEKLA-SOCKET-C









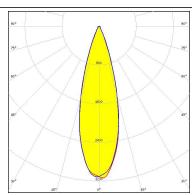
LED V13 Gen 8 FWHM / FWTM 30.0° / 50.0°

Efficiency 93 %
Peak intensity 3.1 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15859_HEKLA-SOCKET-I



bridgelux.

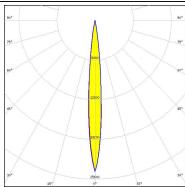
LED V4 HD Gen 7 FWHM / FWTM 10.0° / 20.0°

Efficiency 95 %
Peak intensity 24.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15253_HEKLA-SOCKET-A



bridgelux

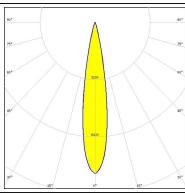
LED V9 HD Gen7

FWHM / FWTM 18.0° / 30.0° Efficiency 94 %

Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15859_HEKLA-SOCKET-I

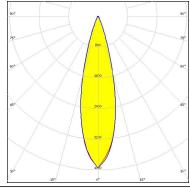


bridgelux.

LED Vero SE 10

FWHM / FWTM 16.0° / 34.0° Efficiency 94 % Peak intensity 7.6 cd/lm

LEDs/each optic 1
Light colour White
Required components:





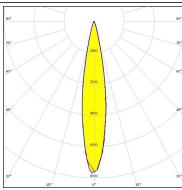
CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 18.0° / 33.0°
Efficiency 92 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15255_HEKLA-SOCKET-C

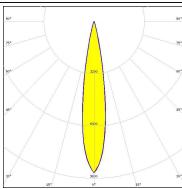


CITIZEN

LED CLU710/711
FWHM / FWTM 17.0° / 30.0°
Efficiency 92 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

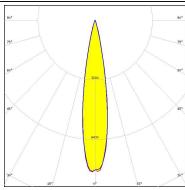
F15859_HEKLA-SOCKET-I



CITIZEN

LED CLU712/713
FWHM / FWTM 18.0° / 31.0°
Efficiency 94 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White

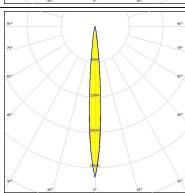
Required components: F17438_HEKLA-G2-I



CREE &

LED CHA0304
FWHM / FWTM 9.0° / 18.0°
Efficiency 95 %
Peak intensity 27.4 cd/lm
LEDs/each optic 1
Light colour White

Required components: F17435_HEKLA-G2-C







LED CHA0410

FWHM / FWTM 10.0° / 20.0°

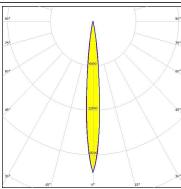
Efficiency 95 %

Peak intensity 21.8 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F17435_HEKLA-G2-C



CREE \$

LED CMA1303

 $FWHM / FWTM \qquad \qquad 10.0^{\circ} / 20.0^{\circ}$

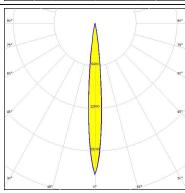
Efficiency 95 %

Peak intensity 22.8 cd/lm LEDs/each optic 1

LEDs/each optic 1
Light colour White

Required components:

F17439_HEKLA-G2-J



CREE \$

LED CMA1306

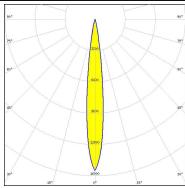
FWHM / FWTM 12.0° / 24.0°

Efficiency 95 %
Peak intensity 15.5 cd/lm

LEDs/each optic 1

Light colour White

Required components: F15956_HEKLA-SOCKET-J



CREE \$

LED CXA/B 13xx

FWHM / FWTM 13.0° / 24.0°

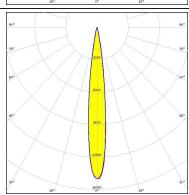
Efficiency 93 %
Peak intensity 15 cd/lm

LEDs/each optic 1

Light colour White

Required components:

F15956_HEKLA-SOCKET-J





CREE &

LED CXA/B 15xx

FWHM / FWTM 20.0° / 32.0°

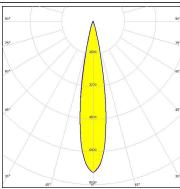
Efficiency 92 %

Peak intensity 7.4 cd/lm

Peak intensity 7.4 cd/lm LEDs/each optic 1

Light colour White

Required components: F17436_HEKLA-G2-D



CREE \$

LED CXA/B 15xx

FWHM / FWTM 19.0° / 32.0°

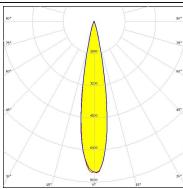
Efficiency 93 %

Peak intensity 7.6 cd/lm

LEDs/each optic 1
Light colour White

Light colour W Required components:

F15256_HEKLA-SOCKET-D



CREE \$

LED CXA/B 1816 & CXA/B 1820 & CXA 1850

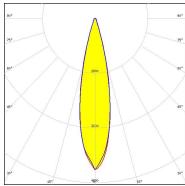
FWHM / FWTM 23.0° / 40.0°

Efficiency 93 %

Peak intensity 4.4 cd/lm

LEDs/each optic 1
Light colour White

Required components: F15254_HEKLA-SOCKET-B



DESCRIPTION LUMILEDS

LED LUXEON CoB 1202/1203

FWHM / FWTM 18.0° / 33.0°

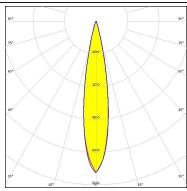
Efficiency 93 %
Peak intensity 7.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

F17437_HEKLA-G2-H







LED LUXEON CoB 1202s

 FWHM / FWTM
 12.0° / 24.0°

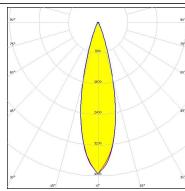
 Efficiency
 95 %

 Peak intensity
 15.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15858_HEKLA-SOCKET-H

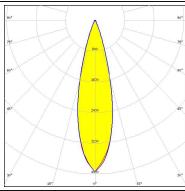


MUMILEDS

LED LUXEON CoB 1204/1205

FWHM / FWTM 26.0° / 44.0°
Efficiency 94 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

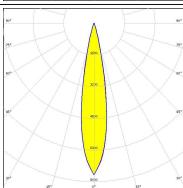


MUMILEDS

LED LUXEON CoB 1204HD

FWHM / FWTM 20.0° / 32.0°
Efficiency 94 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White

Required components: F17437_HEKLA-G2-H

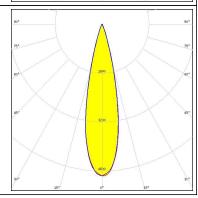


DESCRIPTION LUMILEDS

LED LUXEON CoB 1205HD

FWHM / FWTM 24.0° / 39.0°
Efficiency 94 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White

Required components: F17437_HEKLA-G2-H







LED LUXEON CoB 1208

 FWHM / FWTM
 27.0° / 50.0°

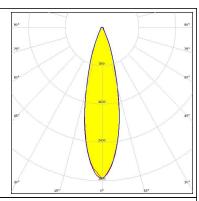
 Efficiency
 91 %

 Peak intensity
 3.2 cd/lm

 LEDs/each optic
 1

Light colour White Required components:

C16142_HEKLA-SOCKET-K



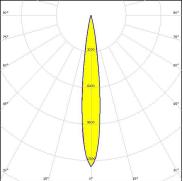
ELUMINUS

LED CxM-6 (13.5x13.5)

FWHM / FWTM 14.0° / 25.0°
Efficiency 94 %
Peak intensity 13.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C



WNICHIA

LED COB S-Type (LES 6)

 FWHM / FWTM
 12.0° / 24.0°

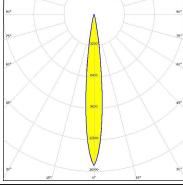
 Efficiency
 93 %

 Peak intensity
 15.4 cd/lm

LEDs/each optic 1 Light colour White

Required components:

F15848_HEKLA-SOCKET-G



WNICHIA

LED COB S-Type (LES 6)

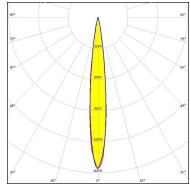
 FWHM / FWTM
 12.0° / 24.0°

 Efficiency
 93 %

 Peak intensity
 15.6 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15848_HEKLA-SOCKET-G





WNICHIA

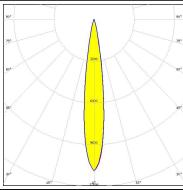
LED COB S-Type (LES 7)

FWHM / FWTM 16.0° / 26.0° Efficiency 95 % Peak intensity 11.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15848_HEKLA-SOCKET-G



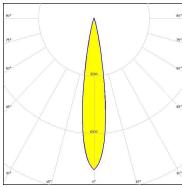
WNICHIA

LED NFSWE11A FWHM / FWTM 18.0° / 30.0°

Efficiency 88 %
Peak intensity 8.4 cd/lm
LEDs/each optic 30
Light colour White

Required components:

C16142_HEKLA-SOCKET-K



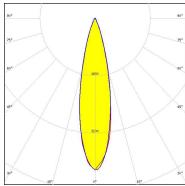
PHILIPS

LED Fortimo SLM L13 CoB

FWHM / FWTM 24.0° / 44.0°
Efficiency 93 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1

Light colour White Required components:

Bender Wirth: 632a Hekla XL



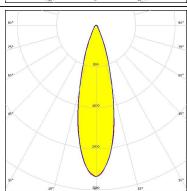
PHILIPS

LED Fortimo SLM L15 CoB

FWHM / FWTM 28.0° / 52.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Bender Wirth: 632a Hekla XL





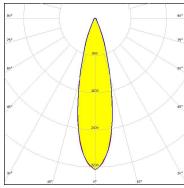
PHILIPS

Fortimo SLM L15 CoB

FWHM / FWTM 26.0° / 50.0° Efficiency 93 % Peak intensity 3.3 cd/lm LEDs/each optic Light colour White

Required components:

Bender Wirth: 632a Hekla XL



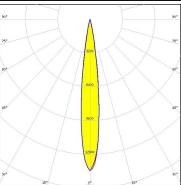
SAMSUNG

LED LC010C FWHM / FWTM 14.0° / 24.0° Efficiency 94 % Peak intensity 14.4 cd/lm

LEDs/each optic 1 White Light colour

Required components:

F15848_HEKLA-SOCKET-G

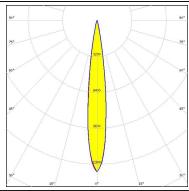


SAMSUNG

LC020C FWHM / FWTM 14.0° / 24.0° Efficiency 94 % Peak intensity 13.5 cd/lm

LEDs/each optic 1 Light colour White

Required components: F17438_HEKLA-G2-I

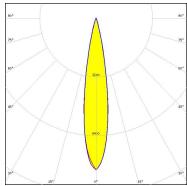


XICATO

XTM - 9mm LES FWHM / FWTM 18.0° / 32.0° 94 % Efficiency Peak intensity 8.3 cd/lm LEDs/each optic White Light colour

Required components:

C15743_XTM-ADAPTER-50-B





PRODUCT DATASHEET C16686_ILONA-RS

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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