

ILONA-RS

~10° spot beam

SPECIFICATION:

Dimensions Ø 49.8 mm
Height 29.3 mm
Fastening socket
ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialColourFinishILONA-RSSingle lensPMMAclear

ORDERING INFORMATION:

Component

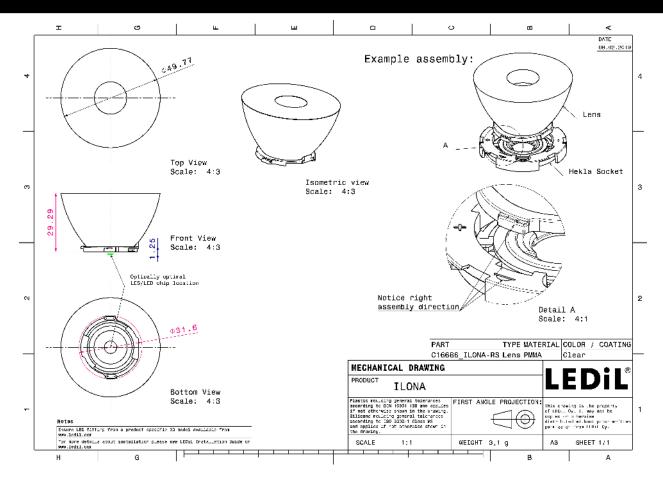
C16686_ILONA-RS

» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg) 264 99 33 9.6



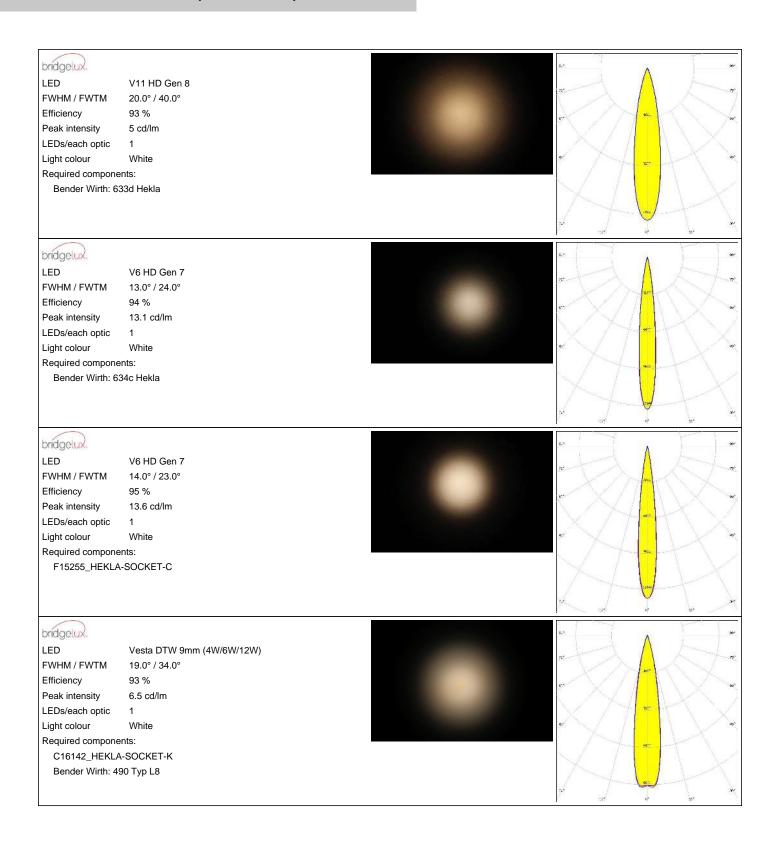
PRODUCT C16686_ILONA-RS



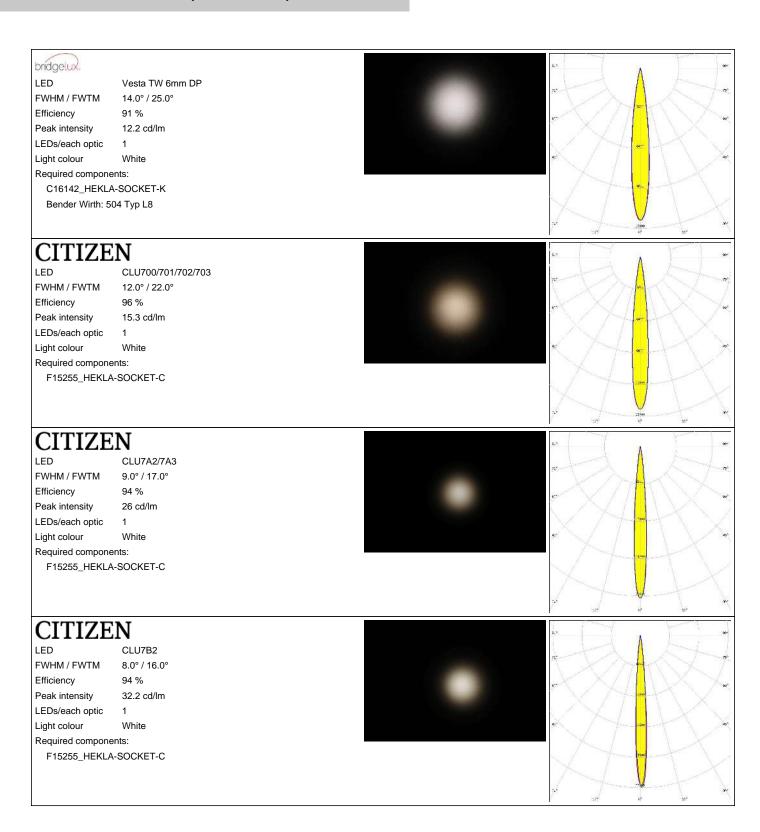
See also our general installation guide: www.ledil.com/installation_guide

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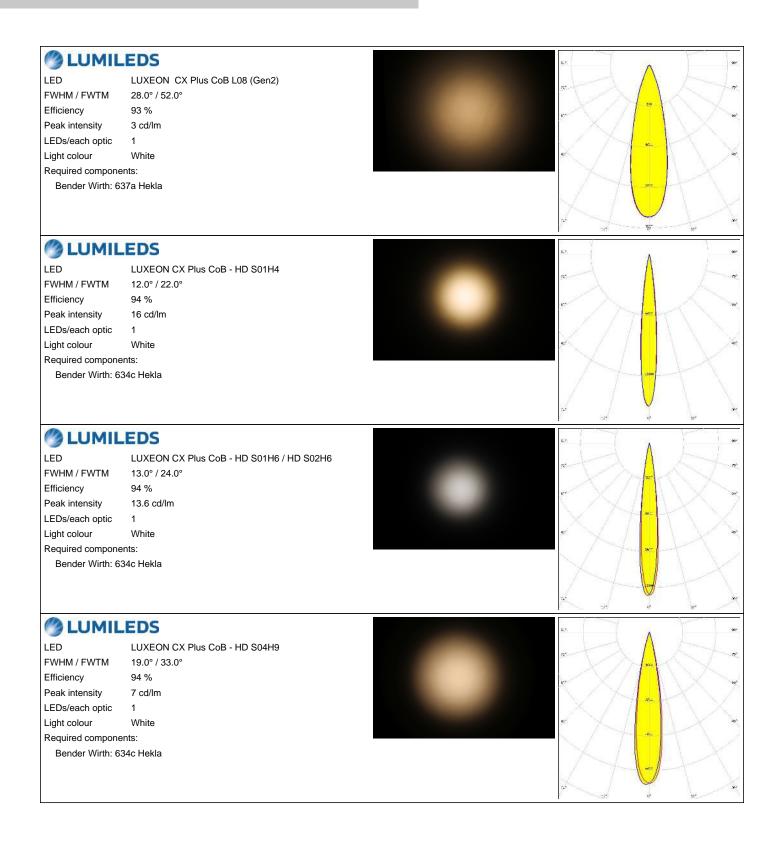




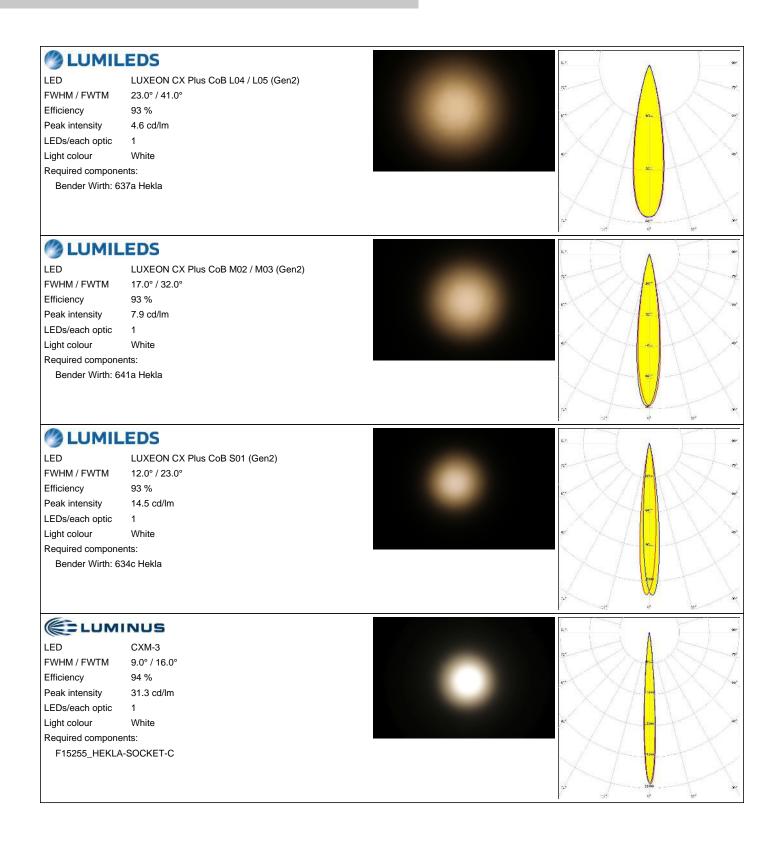






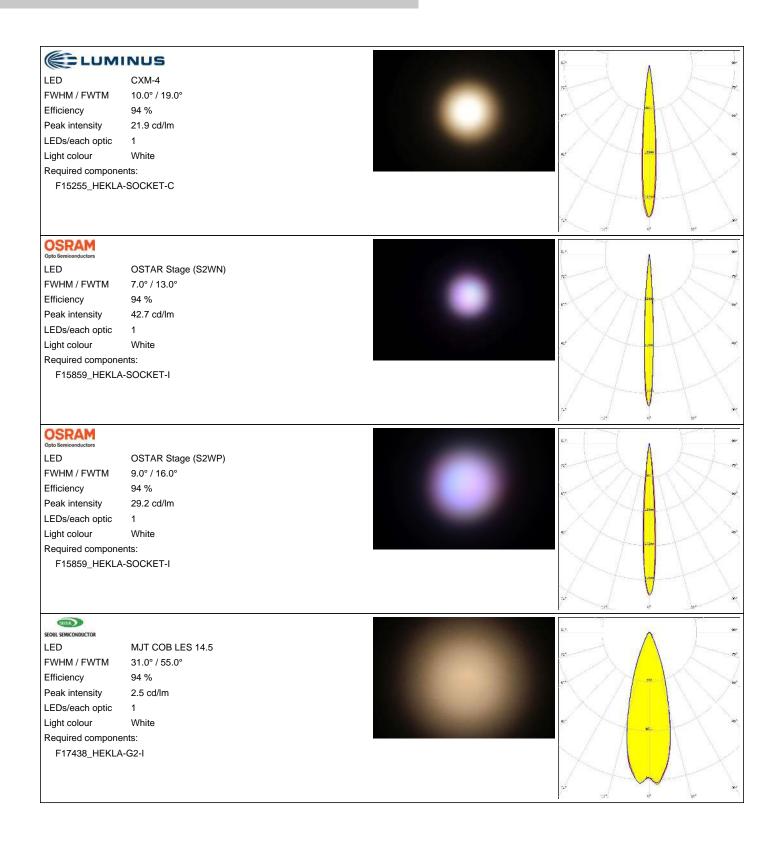




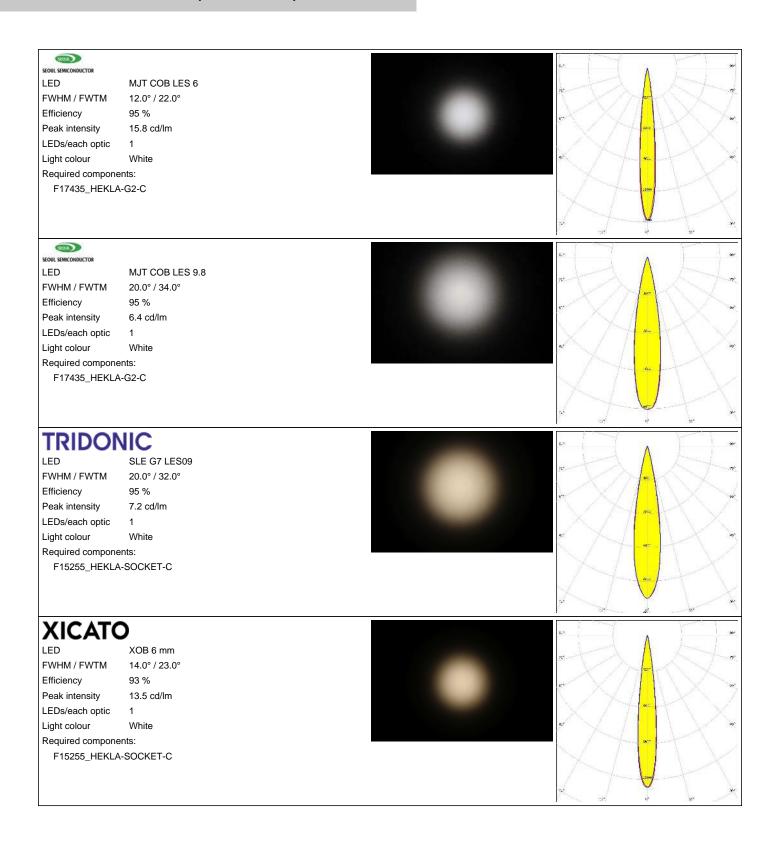


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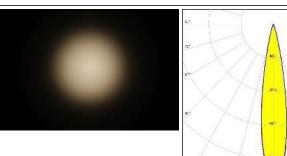


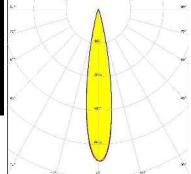




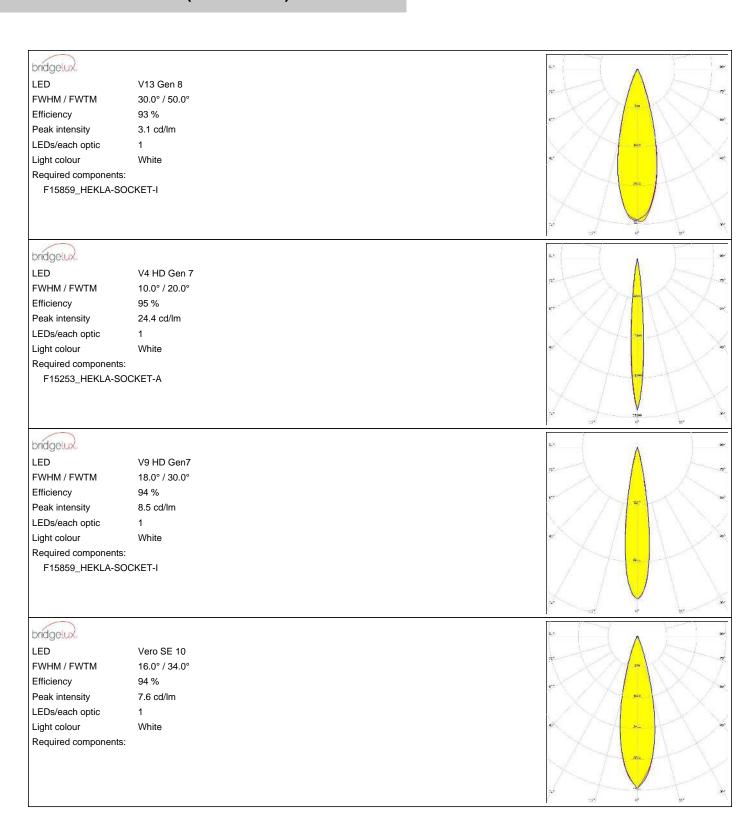
XICATO

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









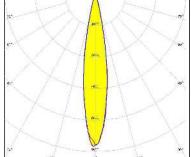


CITIZEN

CLL02x/CLU02x (LES10)

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

Required components: F15255_HEKLA-SOCKET-C



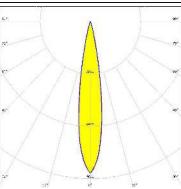
CITIZEN

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

Light colour Required components:

White

F15859_HEKLA-SOCKET-I

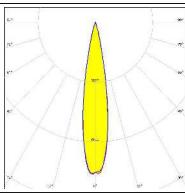


CITIZEN

CLU712/713 FWHM / FWTM 18.0° / 31.0° Efficiency 94 % Peak intensity 8.2 cd/lm

LEDs/each optic Light colour White

Required components: F17438_HEKLA-G2-I

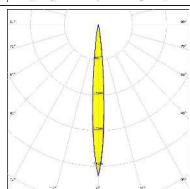


CREE - LED

CHA0304 FWHM / FWTM 9.0° / 18.0° Efficiency 95 % Peak intensity 27.4 cd/lm LEDs/each optic

White Light colour Required components:

F17435_HEKLA-G2-C





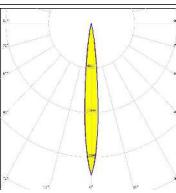


LED CHA0410 FWHM / FWTM 10.0° / 20.0° Efficiency 95 %

Efficiency 95 %
Peak intensity 21.8 cd/lm

LEDs/each optic 1
Light colour White

Required components: F17435_HEKLA-G2-C



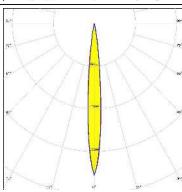
CREE - LED

LED CMA1303 FWHM / FWTM 10.0° / 20.0°

Efficiency 95 %
Peak intensity 22.8 cd/lm

LEDs/each optic 1
Light colour White

Required components: F17439_HEKLA-G2-J



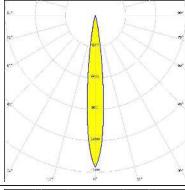
CREE = LED

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

 LED
 CXA/B 13xx

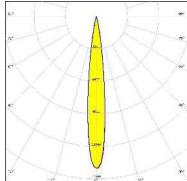
 FWHM / FWTM
 13.0° / 24.0°

 Efficiency
 93 %

Peak intensity 15 cd/lm LEDs/each optic 1 Light colour White

F15956_HEKLA-SOCKET-J

Required components:

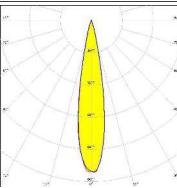




CREE \$ LED

LED CXA/B 15xx $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 19.0° / 32.0° Efficiency 93 % Peak intensity 7.6 cd/lm LEDs/each optic Light colour White

F15256_HEKLA-SOCKET-D

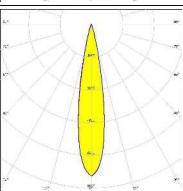


CREE + LED

Required components:

LED CXA/B 15xx FWHM / FWTM 20.0° / 32.0° Efficiency 92 % Peak intensity 7.4 cd/lm LEDs/each optic 1 White Light colour

Required components: F17436_HEKLA-G2-D

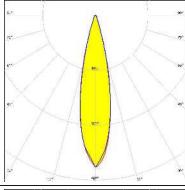


CREE + LED

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 Light colour White Required components:

F15254_HEKLA-SOCKET-B

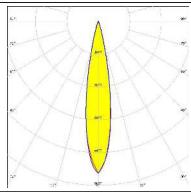


MUMILEDS

LED LUXEON CoB 1202/1203

FWHM / FWTM 18.0° / 33.0° Efficiency 93 % Peak intensity 7.4 cd/lm LEDs/each optic White Light colour

Required components: F17437_HEKLA-G2-H







LED LUXEON CoB 1202s

 FWHM / FWTM
 12.0° / 24.0°

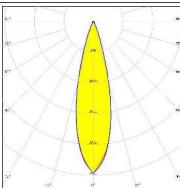
 Efficiency
 95 %

 Peak intensity
 15.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:

F15858_HEKLA-SOCKET-H

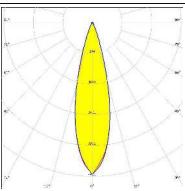


BLUMILEDS

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:

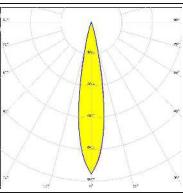


DUMILEDS

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

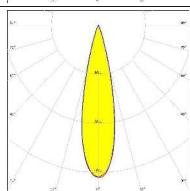


MILEDS

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





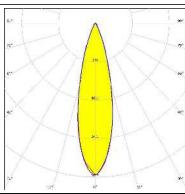


LED LUXEON CoB 1208

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 27.0° / 50.0° Efficiency 91 % Peak intensity 3.2 cd/lm LEDs/each optic Light colour White

Required components:

C16142_HEKLA-SOCKET-K



ELUMINUS

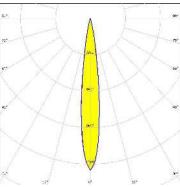
LED CxM-6 (13.5x13.5)

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

LEDs/each optic 1 White Light colour

Required components:

F15255_HEKLA-SOCKET-C



WNICHIA

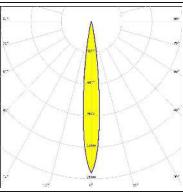
LED COB S-Type (LES 6)

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



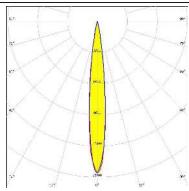
WNICHIA

LED COB S-Type (LES 6)

FWHM / FWTM 12.0° / 24.0° Efficiency 93 % Peak intensity 15.6 cd/lm

LEDs/each optic White Light colour Required components:

F15848_HEKLA-SOCKET-G





WNICHIA

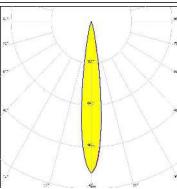
LED COB S-Type (LES 7)

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

LEDs/each optic Light colour White

Required components:

F15848_HEKLA-SOCKET-G



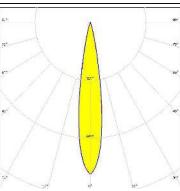
WNICHIA

LED NFSWE11A

FWHM / FWTM 18.0° / 30.0° Efficiency 88 % Peak intensity 8.4 cd/lm LEDs/each optic 30 White Light colour

Required components:

C16142_HEKLA-SOCKET-K

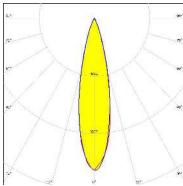


Fortimo SLM L13 CoB

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 24.0° / 44.0° Efficiency 93 % Peak intensity 4.2 cd/lm

LEDs/each optic Light colour White Required components:

Bender Wirth: 632a Hekla XL



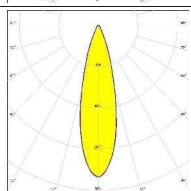
PHILIPS

Fortimo SLM L15 CoB

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

Required components:

Bender Wirth: 632a Hekla XL





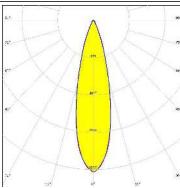
PHILIPS

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



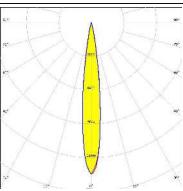
SAMSUNG

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

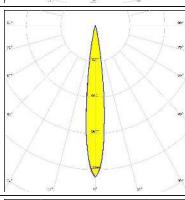


SAMSUNG

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

LEDs/each optic 1 Light colour Required components:

White F17438_HEKLA-G2-I

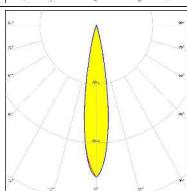


XICATO

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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