

WINNIE-M-C

~35° spot beam with holder C compatible with LEDiL HEKLA

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	19.5 mm
Fastening	tape
ROHS compliant	yes 🕕



MATERIAL SPECIFICATIONS:

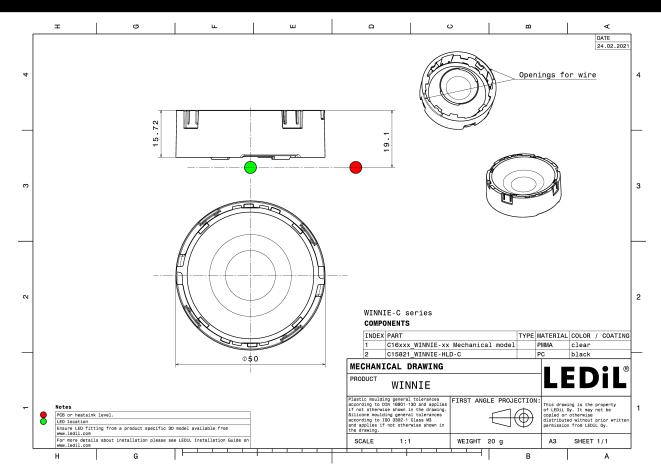
Component	Type	Material	Colour	Finish
WINNIE-M	Single lens	PMMA	clear	
WINNIE-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN15824_WINNIE-M-C	Single lens	364	84	28	0.0
» Box size:					

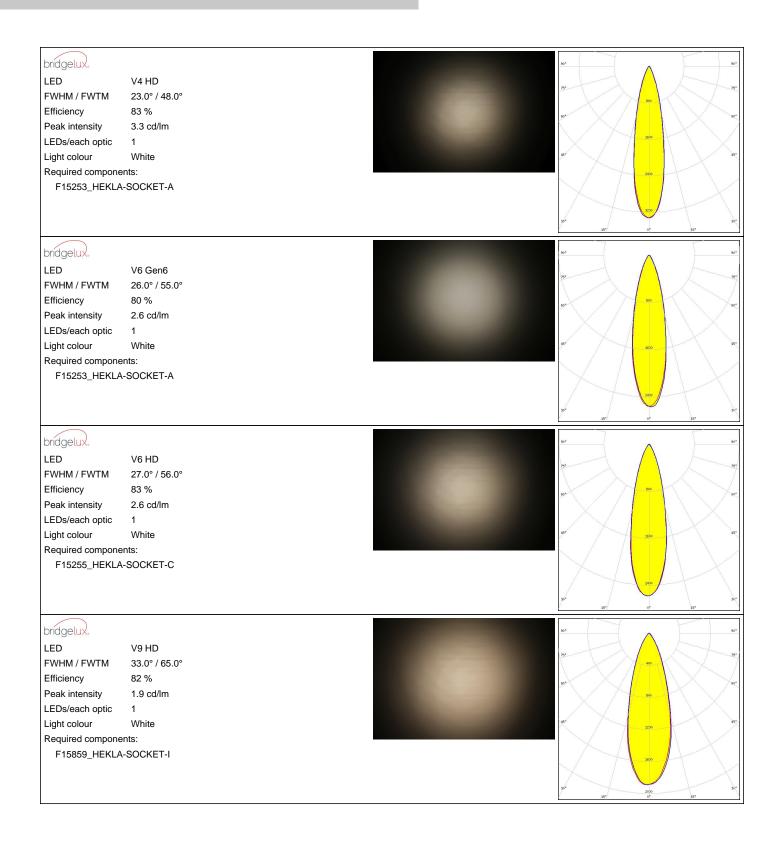


PRODUCT DATASHEET CN15824_WINNIE-M-C

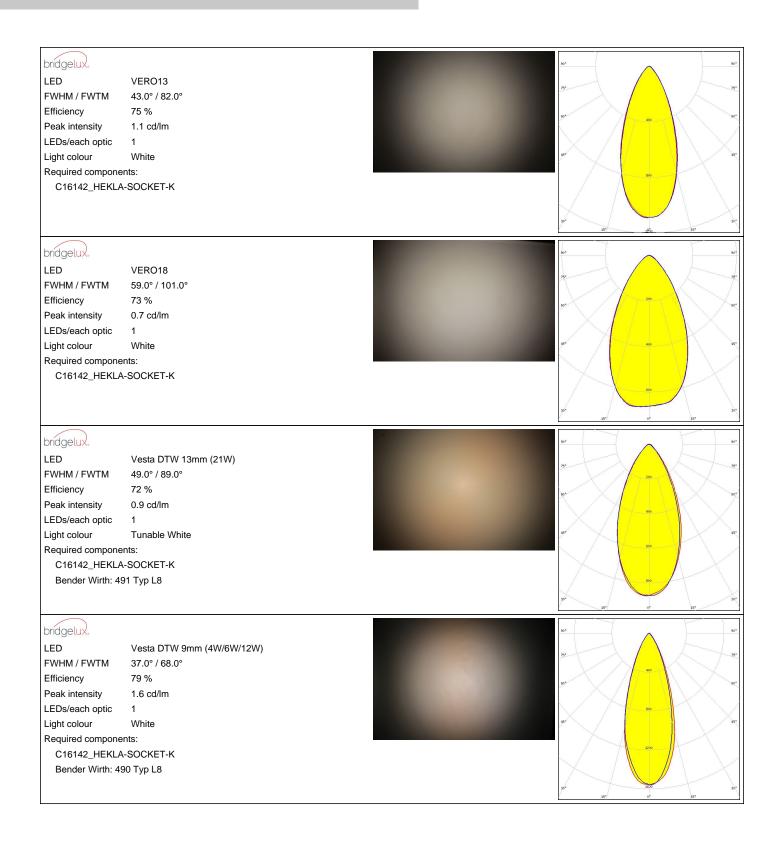


See also our general installation guide: www.ledil.com/installation_guide









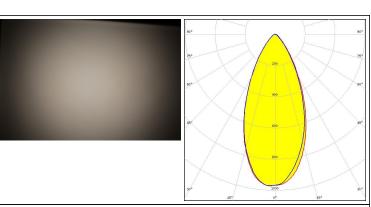


bridgelux

LED Vesta TW 13mm (25W) CSP

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 47.0° / 85.0° Efficiency 75 % Peak intensity 1 cd/lm LEDs/each optic Light colour White Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8



bridgelux

LED Vesta TW 6mm DP FWHM / FWTM 31.0° / 61.0° Efficiency 76 % Peak intensity 2 cd/lm LEDs/each optic 1 White Light colour Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 504 Typ L8

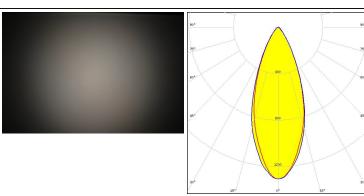


bridgelux

LED Vesta TW 9mm (12W) CSP

FWHM / FWTM 40.0° / 73.0° Efficiency 75 % Peak intensity 1.3 cd/lm LEDs/each optic Light colour White Required components:

C16142_HEKLA-SOCKET-K

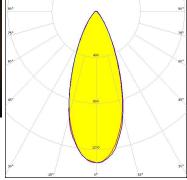


CITIZEN

CLC020 Series (Dim-To-Warm)

FWHM / FWTM 41.0° / 75.0° Efficiency 76 % Peak intensity 1.3 cd/lm LEDs/each optic White Light colour Required components: C16142_HEKLA-SOCKET-K





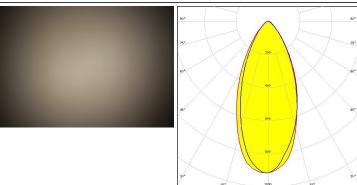


CITIZEN

LED CLC030 Series (Dim-To-Warm)

FWHM / FWTM 47.0° / 90.0°
Efficiency 73 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C16142_HEKLA-SOCKET-K

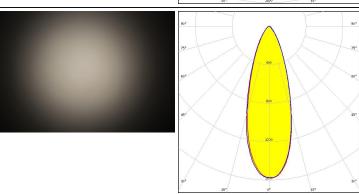


CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 34.0° / 69.0°
Efficiency 77 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C

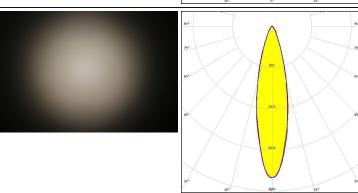


CITIZEN

LED CLU7A2 (LES 4.2mm)

FWHM / FWTM 25.0° / 51.0°
Efficiency 82 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C

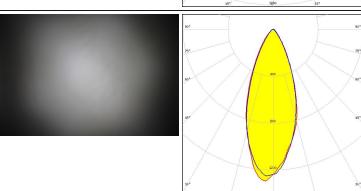


CITIZEN

LED LCN-C01B (Tunable White)

FWHM / FWTM 40.0° / 74.0°
Efficiency 75 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 481 Typ L8

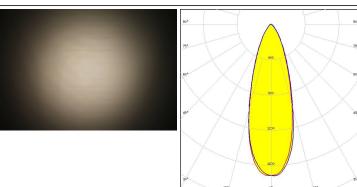




CREE - LED

LED CMT14xx
FWHM / FWTM 33.0° / 69.0°
Efficiency 81 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C

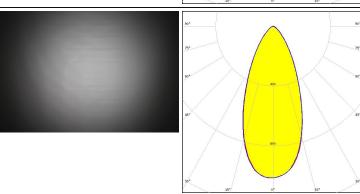


CREE & LED

LED CMT19xx
FWHM / FWTM 45.0 + ° / 87.0°
Efficiency 77 %
Peak intensity 1 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15859_HEKLA-SOCKET-I

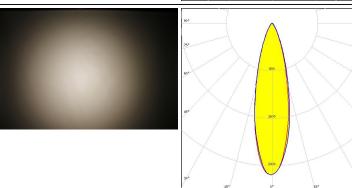


CREE - LED

Required components:

LED CXA/B 13xx
FWHM / FWTM 27.0° / 55.0°
Efficiency 81 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White

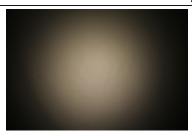
F15956_HEKLA-SOCKET-J



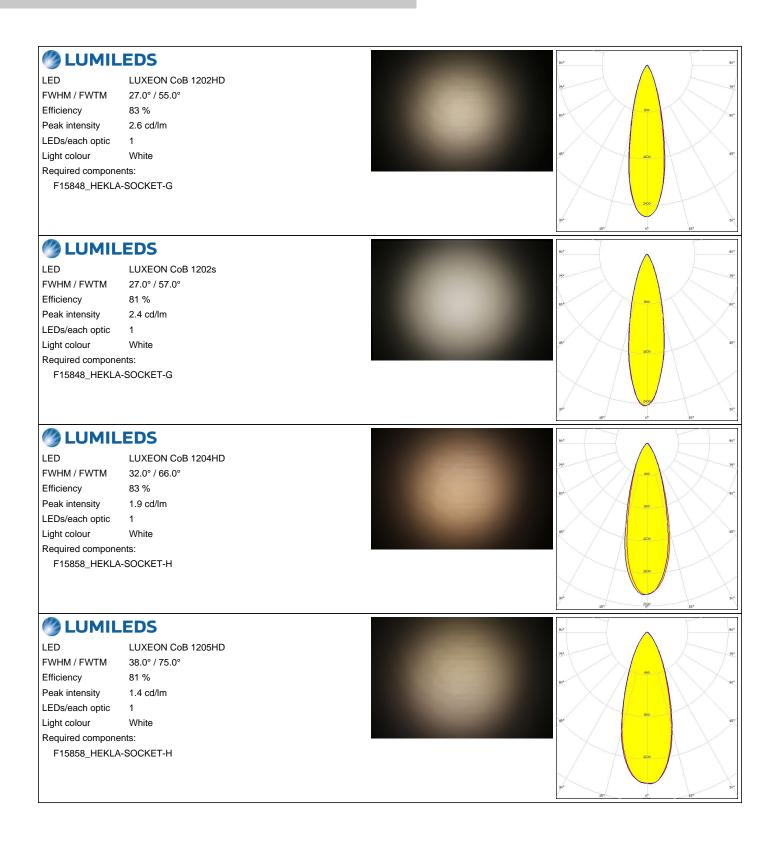
DISCONDINION

LED LUXEON CX Plus CoB L08 (Gen2)

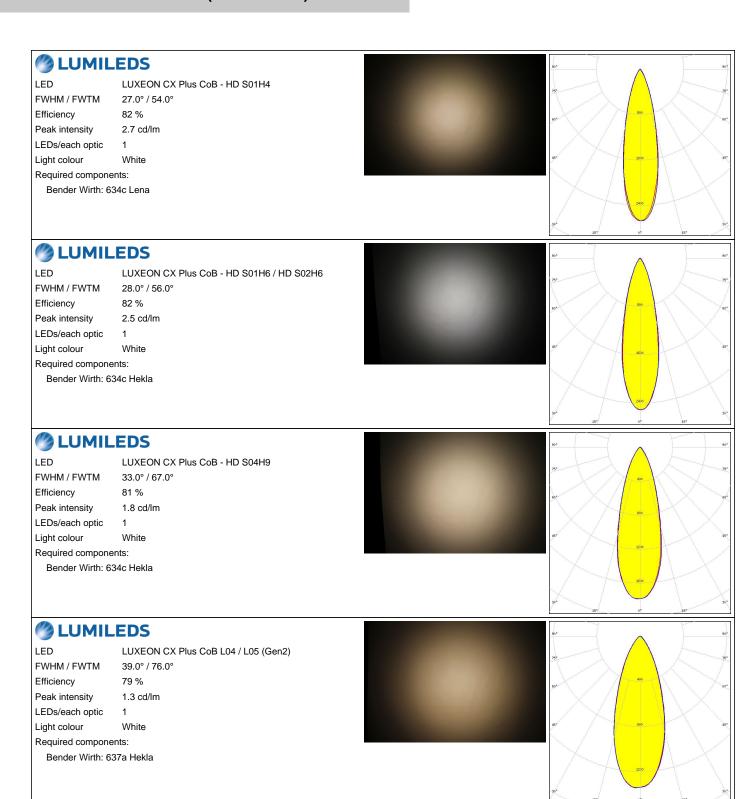
FWHM / FWTM 46.0° / 87.0°
Efficiency 77 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla



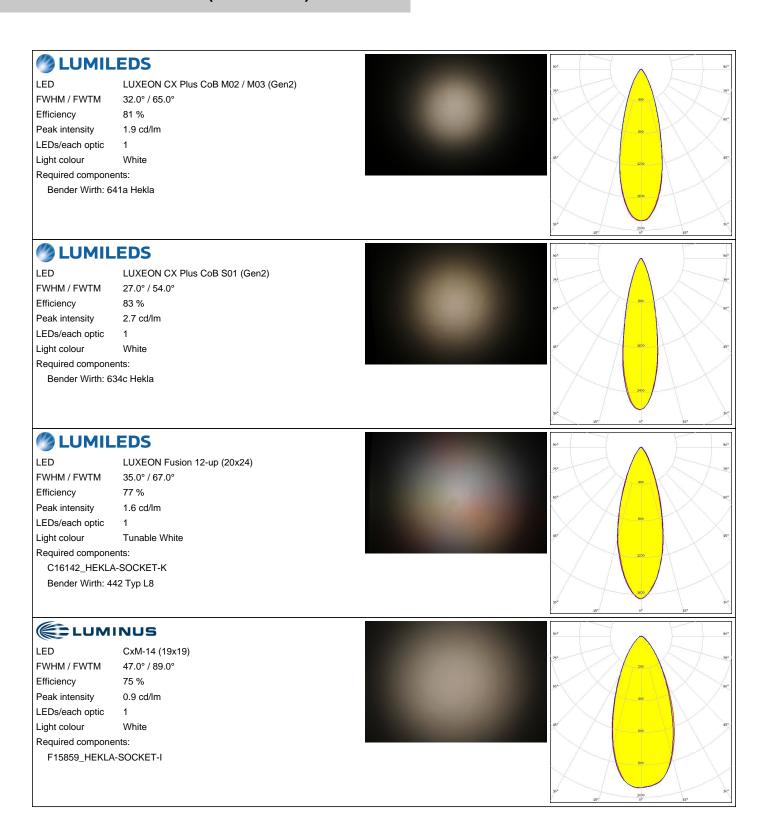




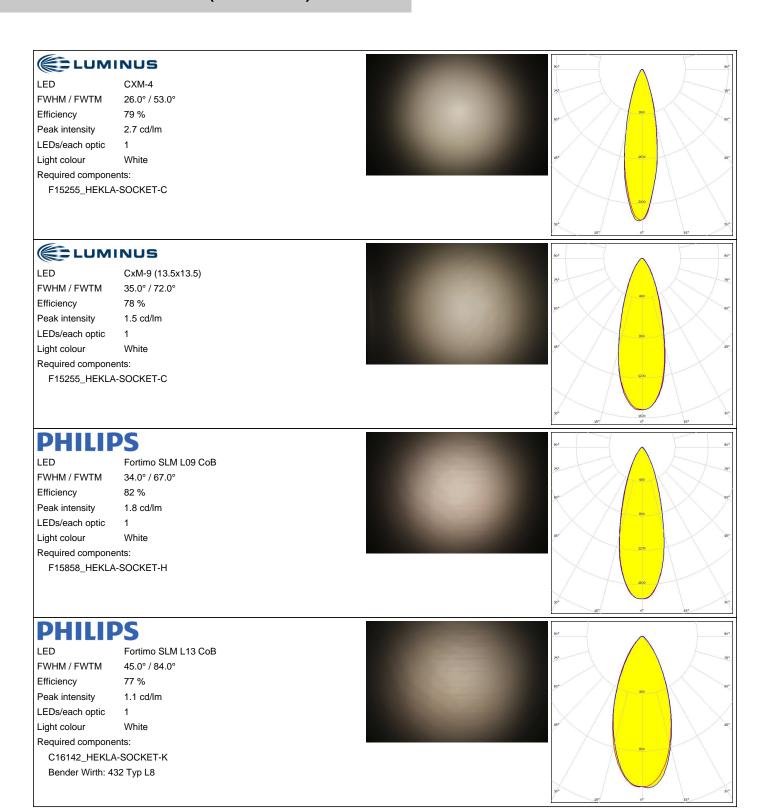










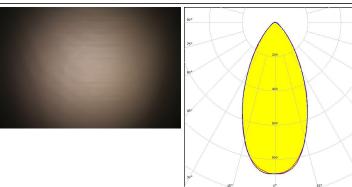




Fortimo SLM L15 CoB

FWHM / FWTM 50.0° / 91.0° Efficiency 76 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White Required components:

C16142_HEKLA-SOCKET-K Bender Wirth: 499 Typ L8

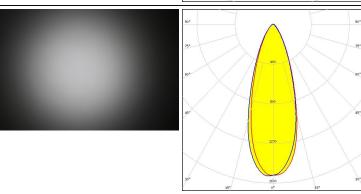


SAMSUNG

LC003D / LC006D / LC009D / LC013D LED

FWHM / FWTM 35.0° / 71.0° Efficiency 79 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour Required components:

F15255_HEKLA-SOCKET-C

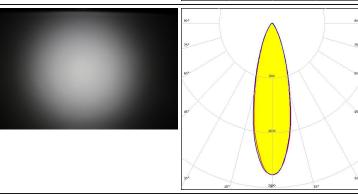


SAMSUNG

LED LC010C FWHM / FWTM 28.0° / 59.0° Efficiency 79 % Peak intensity 2.2 cd/lm

LEDs/each optic Light colour White Required components:

F15848_HEKLA-SOCKET-G



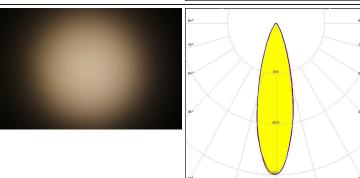
SAMSUNG

LC010C G2 FWHM / FWTM 28.0° / 56.0°

Efficiency 80 % Peak intensity 2.4 cd/lm LEDs/each optic White Light colour

F15255_HEKLA-SOCKET-C

Required components:

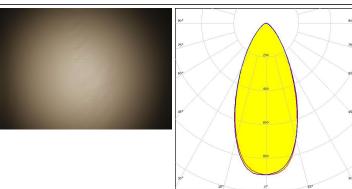




SAMSUNG

LC016D / LC019D / LC026D / LC033D

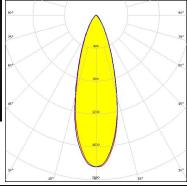
FWHM / FWTM 48.0° / 91.0° Efficiency 75 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White Required components: F15859_HEKLA-SOCKET-I



SAMSUNG

LED LC020C FWHM / FWTM 32.0° / 64.0° Efficiency 80 % Peak intensity 1.8 cd/lm LEDs/each optic 1 White Light colour



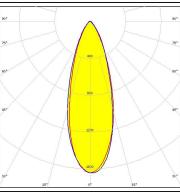


SAMSUNG

Required components:

LED LC020C G2 FWHM / FWTM 34.0° / 68.0° Efficiency 79 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour White Required components: F15859_HEKLA-SOCKET-I



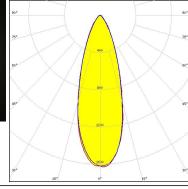


TRIDONIC

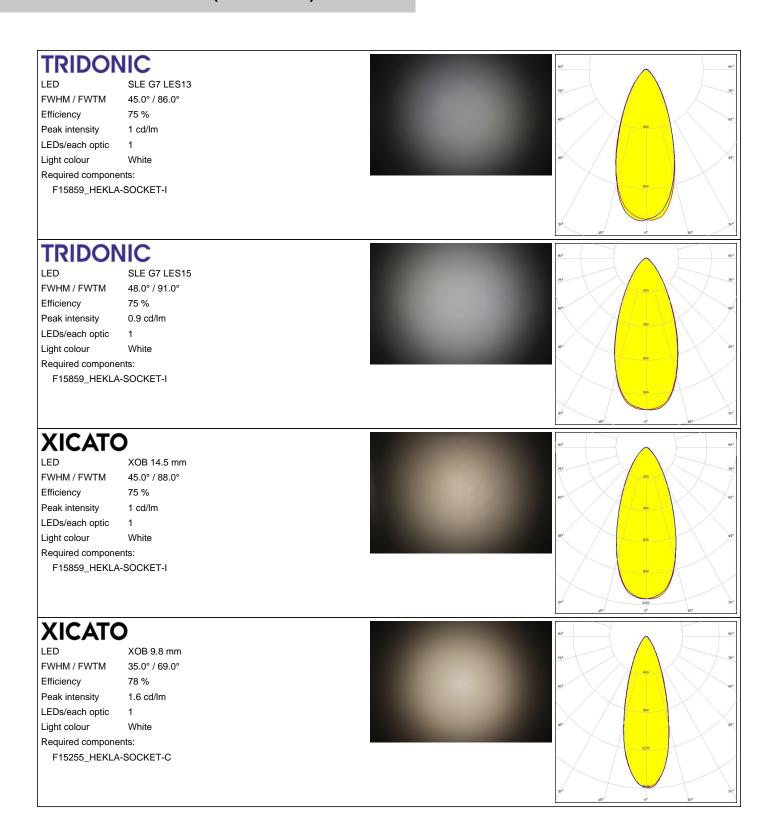
SLE G7 LES09 FWHM / FWTM 34.0° / 69.0° Efficiency 78 % Peak intensity 1.6 cd/lm LEDs/each optic White Light colour Required components:

F15255_HEKLA-SOCKET-C









14/18



PHOTOMETRIC DATA (SIMULATED):

bridgelux

 LED
 VERO10

 FWHM / FWTM
 32.0° / 65.0°

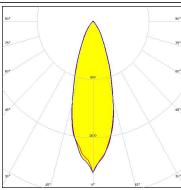
 Efficiency
 83 %

Peak intensity 2.1 cd/lm LEDs/each optic 1

Light colour White

Required components:

F15616_HEKLA-SOCKET-F



CITIZEN

LED CLL03x/CLU03x

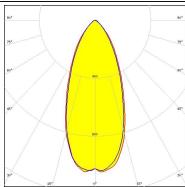
 FWHM / FWTM
 45.0° / 89.0°

 Efficiency
 77 %

 Peak intensity
 1.1 cd/lm

LEDs/each optic 1
Light colour White

F15859_HEKLA-SOCKET-I



CREE = LED

Required components:

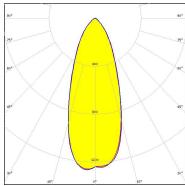
LED CMA1825

FWHM / FWTM 40.0° / 84.0° Efficiency 82 %

Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15254_HEKLA-SOCKET-B



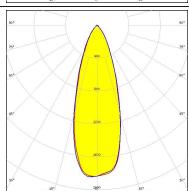
CREE & LED

LED CXA/B 15xx FWHM / FWTM 24.0° / 68.0°

Efficiency 84 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1

Light colour White Required components:

F15256_HEKLA-SOCKET-D





PHOTOMETRIC DATA (SIMULATED):

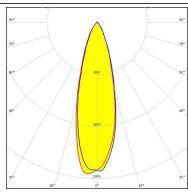
CREE \$ LED

LED CXA/B 15xx $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 30.0° / 61.0°

Efficiency 83 % Peak intensity 2.4 cd/lm

LEDs/each optic Light colour White

Required components: F15256_HEKLA-SOCKET-D

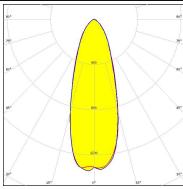


CREE + LED

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

FWHM / FWTM 36.0° / 84.0° Efficiency 81 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour

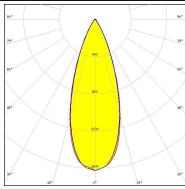
Required components: F15254_HEKLA-SOCKET-B



WNICHIA

LED NFSWE11A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 37.0° / 63.0° Efficiency 72 % Peak intensity 1.6 cd/lm LEDs/each optic 30

Light colour White Required components:



SEOUL SEOUL SEMICONDUCTOR

MJT COB LES 14.5 LED FWHM / FWTM 48.0° / 95.0 + 96.0°

Efficiency 78 % Peak intensity 0.9 cd/lm LEDs/each optic White Light colour

F15859_HEKLA-SOCKET-I

Required components:



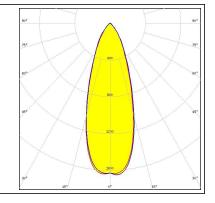
PHOTOMETRIC DATA (SIMULATED):



LED MJT COB LES 9.8
FWHM / FWTM 36.0° / 73.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15255_HEKLA-SOCKET-C





PRODUCT DATASHEET CN15824_WINNIE-M-C

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

Local sales and technical support

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