

CARMEN-50-S-C

spot beam. Assembly with holder C compatible with LEDiL HEKLA.

TECHNICAL SPECIFICATIONS:

Dimensions Ø 50.0 mm

Height 25.5 mm

Fastening socket

Colour black

Box size 476 x 273 x 292 mm

Box weight 6.9 kg Quantity in Box 308 pcs

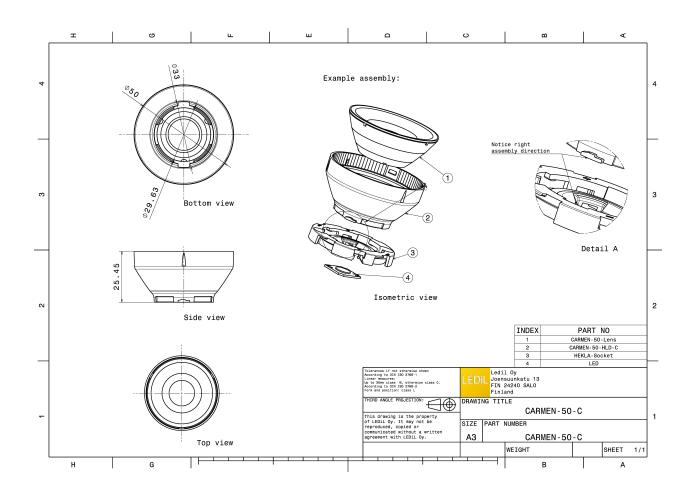
ROHS compliant yes 🕕



MATERIAL SPECIFICATIONS:

Colour Component **Type** Material CARMEN-50-S Single lens **PMMA** clear CARMEN-50-HLD-C Holder PC

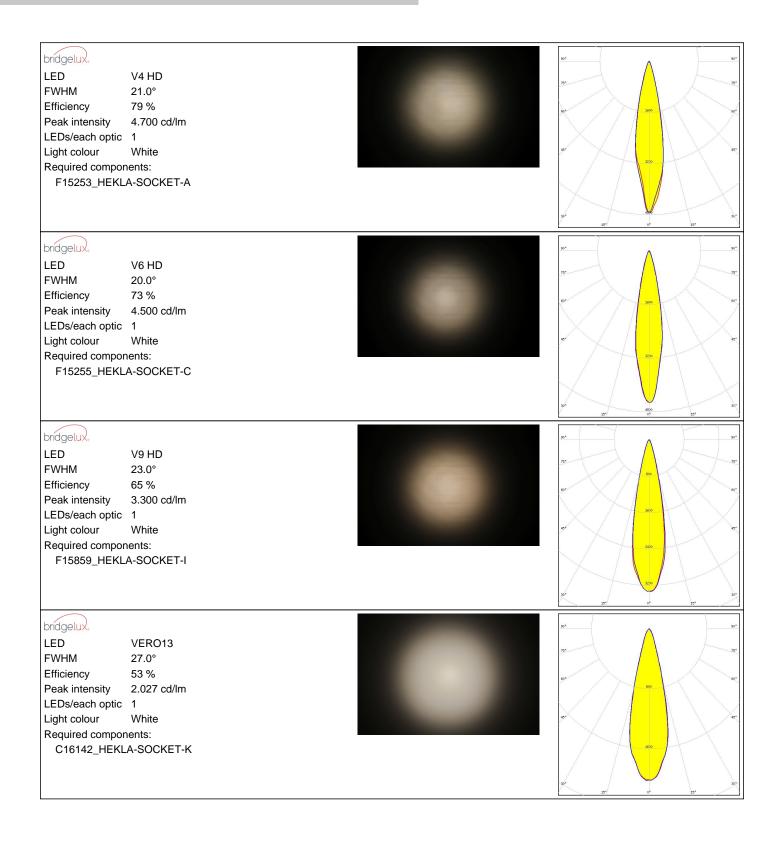




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PHOTOMETRIC DATA (MEASURED):





PHOTOMETRIC DATA (MEASURED):

CITIZEN

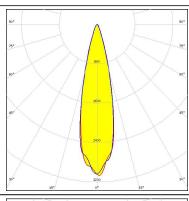
LED CLL02x/CLU02x (LES10)

FWHM 24.0°
Efficiency 66 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1

Light colour White Required components:

F15255_HEKLA-SOCKET-C





CITIZEN

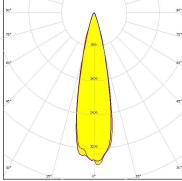
LED CLU700/701

FWHM 19.0° Efficiency 73 % Peak intensity 5.300 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F15255_HEKLA-SOCKET-C





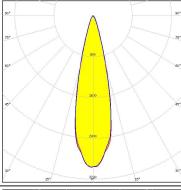
CREE &

LED CMA1516 FWHM 25.0° Efficiency 68 %

Peak intensity 3.000 cd/lm

LEDs/each optic 1
Light colour White
Required components:
F15256_HEKLA-SOCKET-D

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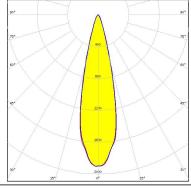
CREE 🕏

LED CMT14xx
FWHM 25.0°
Efficiency 44 %
Peak intensity 1.900 cd/lm

LEDs/each optic 1
Light colour White
Required components:

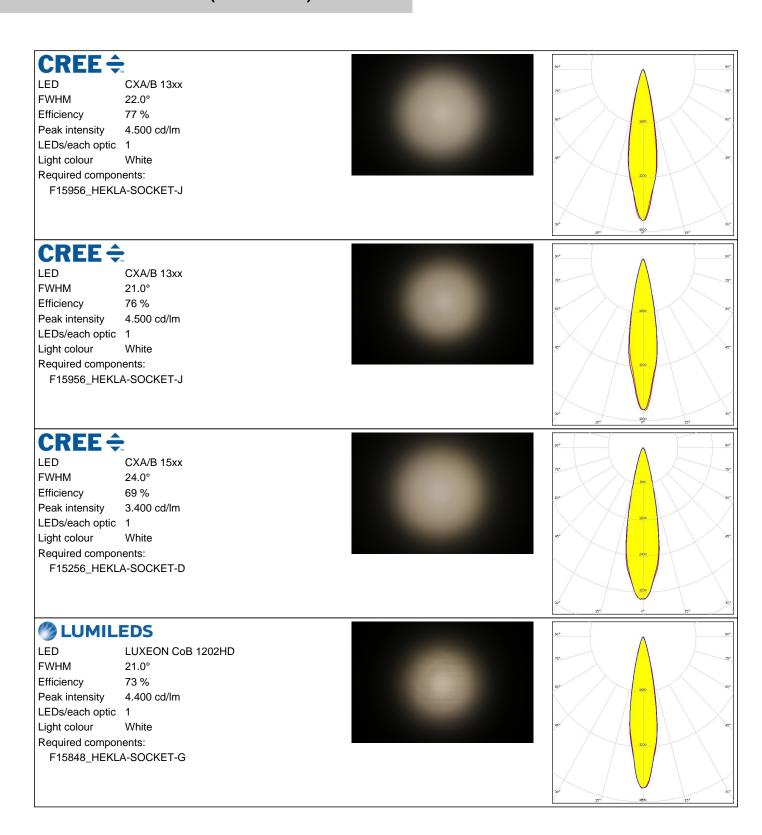
F15255_HEKLA-SOCKET-C





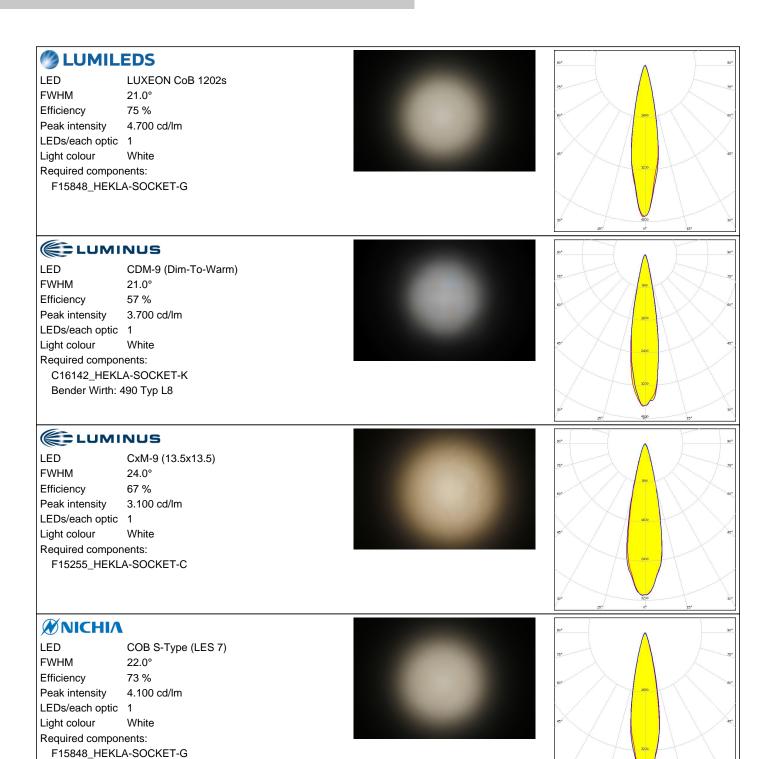


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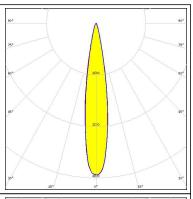
WNICHIA

LED NJCWL024Z-V1MT: COB L-Type Tunable White

FWHM 17.0° 56 % Efficiency Peak intensity 4.700 cd/lm LEDs/each optic 1

Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 497 Typ L8





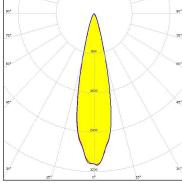
LED Fortimo SLM L09 CoB

FWHM 24.0° 65 % Efficiency Peak intensity 3.100 cd/lm

LEDs/each optic 1 Light colour White Required components:

F15858_HEKLA-SOCKET-H





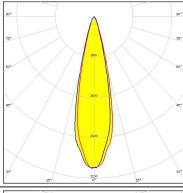
SAMSUNG

COB D Series LES 9.8 mm LED

FWHM 25.0° Efficiency 67 % Peak intensity 3.000 cd/lm

LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C





SAMSUNG

LED LC010C G2 **FWHM** 19.0° Efficiency 74 % 5.300 cd/lm Peak intensity

LEDs/each optic 1 White Light colour Required components:

F15255_HEKLA-SOCKET-C





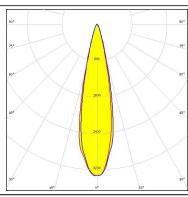
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC020C G2 **FWHM** 23.0° Efficiency 65 % Peak intensity 3.300 cd/lm

LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I





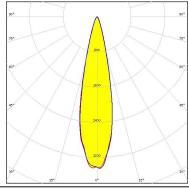
TRIDONIC

LED SLE G7 LES09

FWHM 23.0° 69 % Efficiency Peak intensity 3.500 cd/lm

LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C





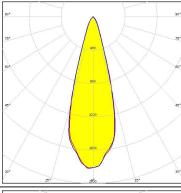
TRIDONIC

LED SLE G7 LES13

FWHM 31.0° Efficiency 58 % Peak intensity 1.800 cd/lm

LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I

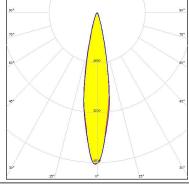




XICATO

XOB 6 mm **FWHM** 19.0° Efficiency 73 % 4.870 cd/lm Peak intensity

LEDs/each optic 1 White Light colour Required components: F15255_HEKLA-SOCKET-C





PHOTOMETRIC DATA (MEASURED):

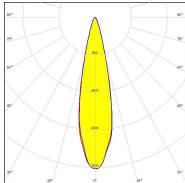
XICATO

LED XOB 9.8 mm
FWHM 24.0°
Efficiency 67 %
Peak intensity 3.232 cd/lm
LEDs/each optic 1

Light colour White Required components:

F15255_HEKLA-SOCKET-C







PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED V6 Gen6

FWHM 21.0°

Efficiency 71 %

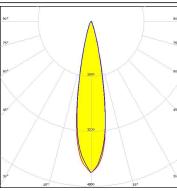
Peak intensity 4.400 cd/lm

LEDs/each optic 1

Light colour White

Required components:

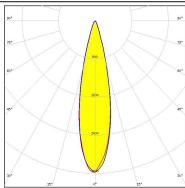
F15253_HEKLA-SOCKET-A



bridgelux.

LED VERO10
FWHM 24.0°
Efficiency 64 %
Peak intensity 3.180 cd/lm

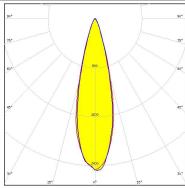
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



bridgelux

LED VERO13
FWHM 27.0°
Efficiency 66 %
Peak intensity 2.500 cd/lm

LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K

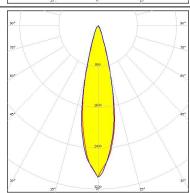


TRIDONIC

LED SLE G5 LES11

FWHM 24.0° Efficiency 63 % Peak intensity 3.000 cd/lm

LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C





PHOTOMETRIC DATA (SIMULATED):

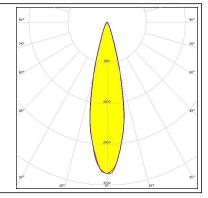
XICATO

LED XTM - 9mm LES

FWHM 25.0° Efficiency 67 % Peak intensity 3.000 cd/lm

LEDs/each optic 1 Light colour White Required components:

C15743_XTM-ADAPTER-50-B





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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