

PRODUCT DATASHEET WINNIE-O

WINNIE-O

~60° + 20° oval beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

SPECIFICATION:

Dimensions Ø 49.8 mm
Height 19.3 mm
Fastening screw
ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialColourFinishC14760_WINNIE-OSingle lensPMMAclearC14235_WINNIE-HOLDERHolderPCwhite

ORDERING INFORMATION:

Quantities for one set:

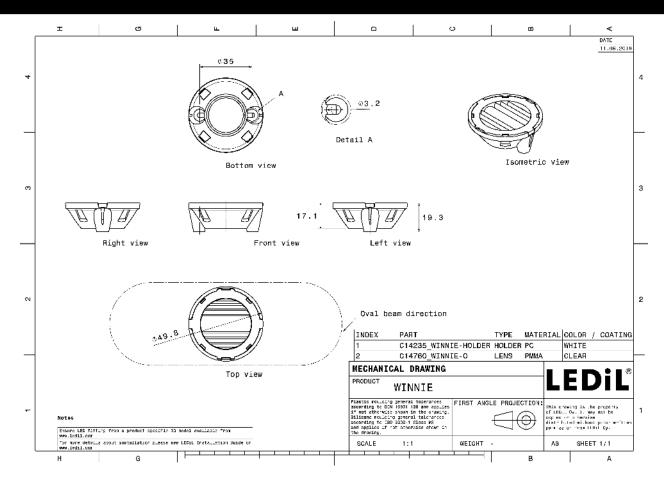
Single lens 1 Holder 1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C14760_WINNIE-O » Box size: 480 x 280 x 300 mm	Single lens	364	84	28	7.0
C14235_WINNIE-HOLDER » Box size: 480 x 280 x 300 mm	Holder	1820	84	28	7.2

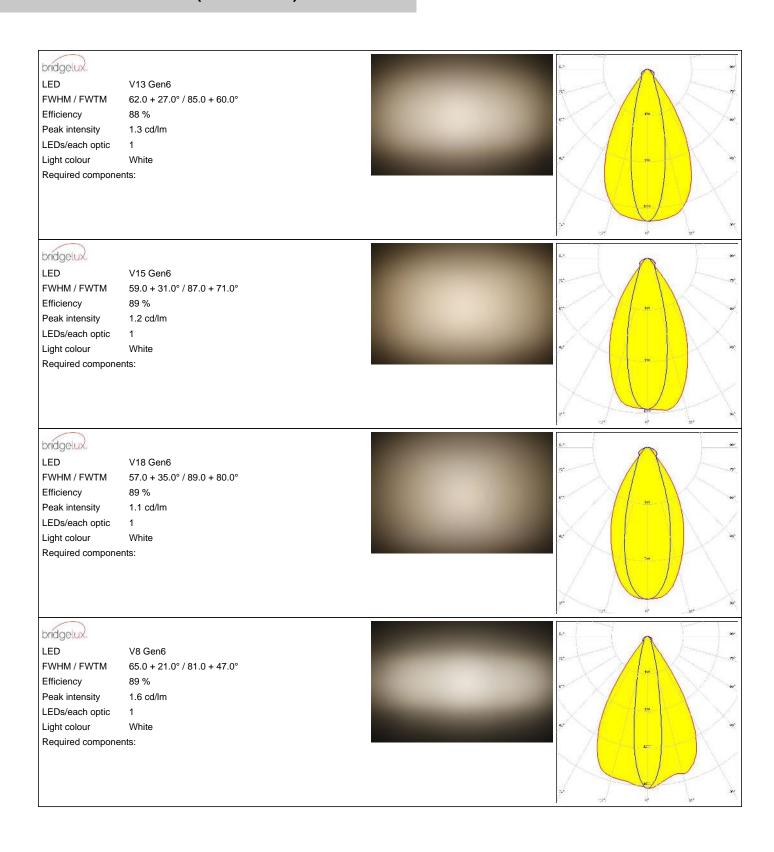


PRODUCT



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

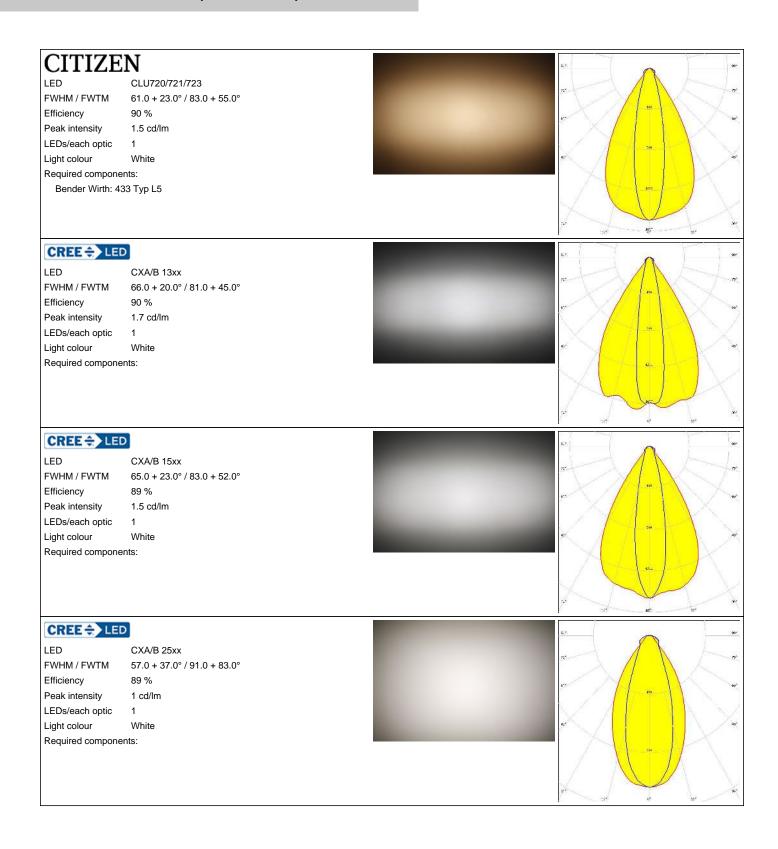


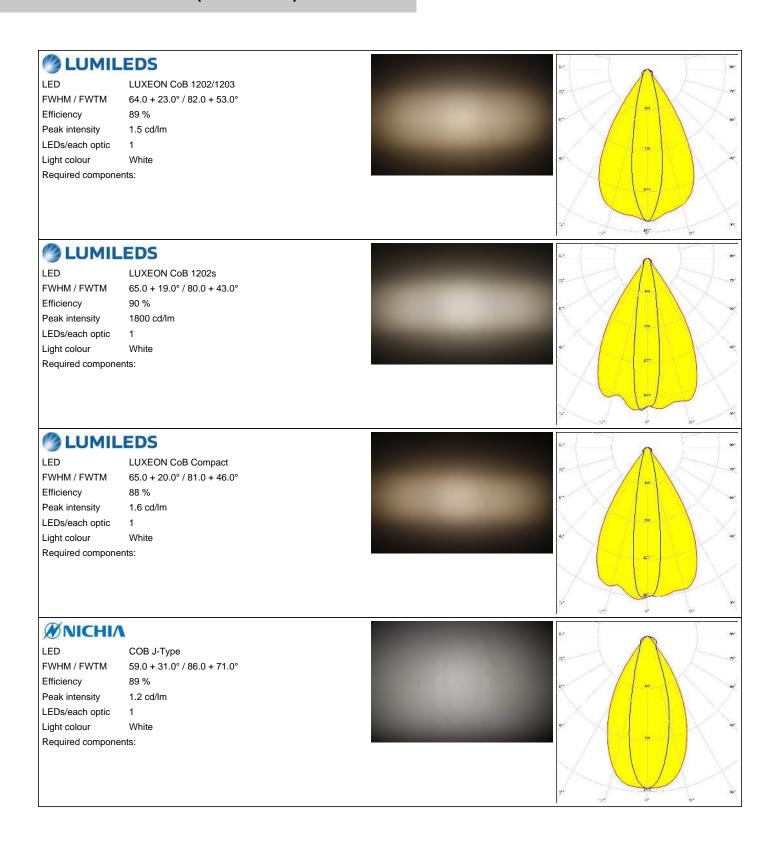


CITIZEN CLL02x/CLU02x (LES10) $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $63.0 + 22.0^{\circ} / 82.0 + 52.0^{\circ}$ Efficiency 90 % Peak intensity 1.6 cd/lm LEDs/each optic Light colour White Required components: Bender Wirth: 434 Typ L5 **CITIZEN** LED CLL03x/CLU03x FWHM / FWTM 59.0 + 29.0° / 85.0 + 66.0° Efficiency 90 % Peak intensity 1.2 cd/lm LEDs/each optic 1 White Light colour Required components: Bender Wirth: 433 Typ L5 **CITIZEN** CLU700/701/702/703 FWHM / FWTM 64.0 + 18.0° / 79.0 + 43.0° Efficiency 91 % Peak intensity 1.8 cd/lm LEDs/each optic Light colour White Required components: **CITIZEN** CLU710/711 FWHM / FWTM 63.0 + 20.0° / 81.0 + 48.0° Efficiency 91 % Peak intensity 1.7 cd/lm LEDs/each optic White

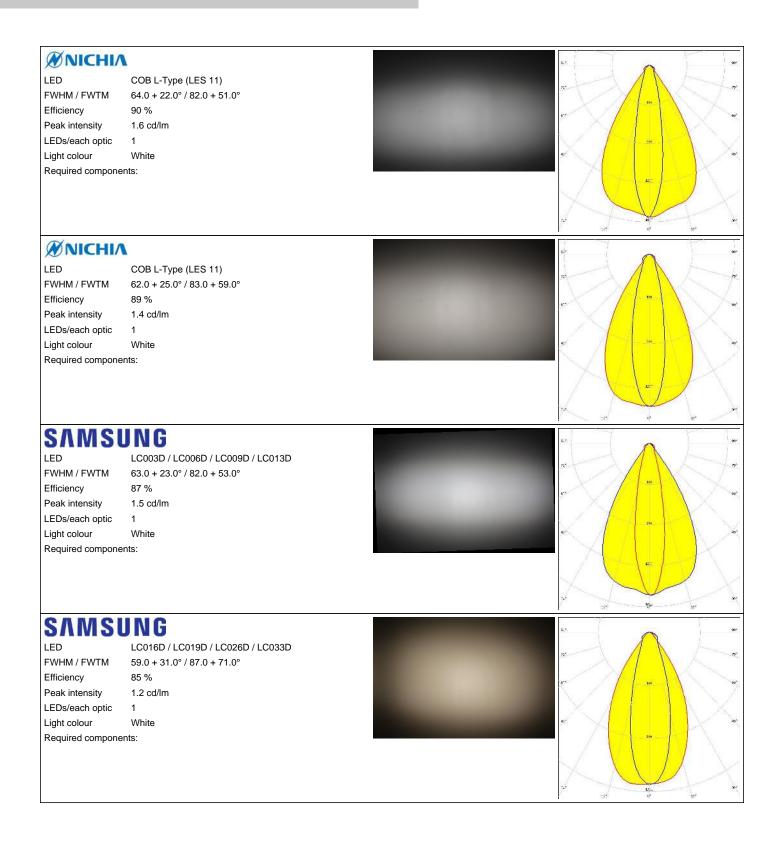
Light colour

Required components: Bender Wirth: 470 Typ L5

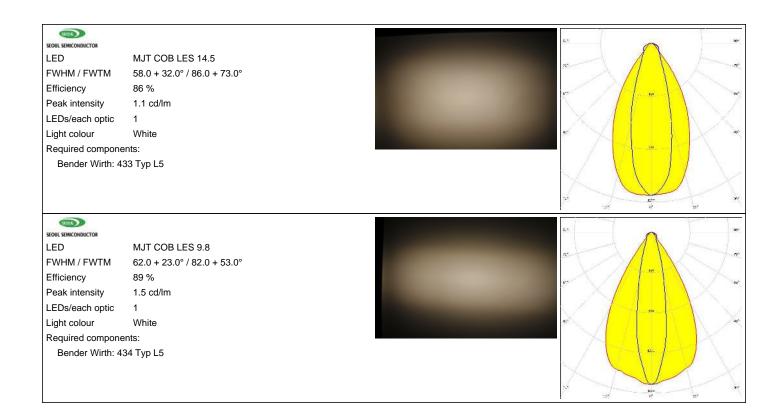




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OPTICAL RESULTS (SIMULATED):

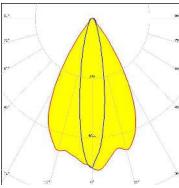
bridgelux

LED VERO10

FWHM / FWTM $60.0 + 20.0^{\circ} / 80.0 + 48.0^{\circ}$

Efficiency 100 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour White

Required components:



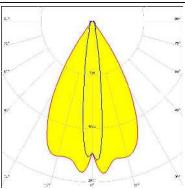
CREE & LED

LED XP-G3

FWHM / FWTM 60.0 + 15.0° / 76.0 + 32.0°

Efficiency 91 % Peak intensity 2.3 cd/lm LEDs/each optic 1 White Light colour

Required components:



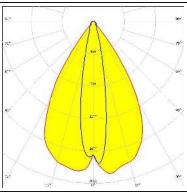
LUMILEDS

LUXEON M/MX LED

FWHM / FWTM 20.0 + 64.0° / 41.0 + 81.0°

Efficiency 92 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White

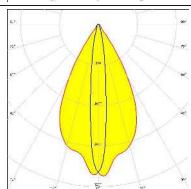
Required components:





FWHM / FWTM 56.0 + 12.0° / 74.0 + 32.0°

93 % Efficiency Peak intensity 3 cd/lm LEDs/each optic 1 Red Light colour Required components:



OPTICAL RESULTS (SIMULATED):

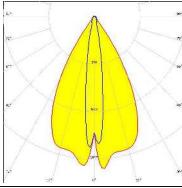
OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM $58.0 + 14.0^{\circ} / 76.0 + 30.0^{\circ}$

Efficiency 91 % Peak intensity 2.6 cd/lm LEDs/each optic Light colour White

Required components:



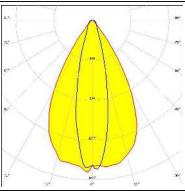
OSRAM Opto Semiconductor

LED Soleriq S9

FWHM / FWTM 61.0 + 24.0° / 83.0 + 51.0°

Efficiency 88 % Peak intensity 1.6 cd/lm LEDs/each optic 1 White Light colour

Required components:



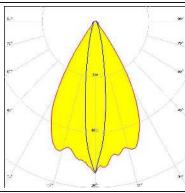
SAMSUNG

LED LC010C

FWHM / FWTM $56.0 + 16.0^{\circ} / 78.0 + 40.0^{\circ}$

Efficiency 92 % Peak intensity 2.2 cd/lm LEDs/each optic Light colour White

Required components: Bender Wirth: 479 Typ L5

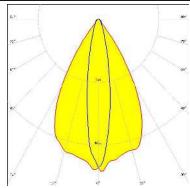


SAMSUNG

FWHM / FWTM 60.0 + 18.0° / 79.0 + 44.0°

Efficiency 89 % Peak intensity 1.9 cd/lm LEDs/each optic White Light colour

Required components: Bender Wirth: 479 Typ L5



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OPTICAL RESULTS (SIMULATED):

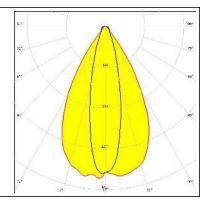
SAMSUNG

LED LC0400

FWHM / FWTM $60.0 + 24.0^{\circ}$ / $82.0 + 55.0^{\circ}$

Efficiency 87 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components: Bender Wirth: 479 Typ L5



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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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