

PRODUCT DATASHEET WINNIE-M

WINNIE-M

~35° medium 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:

Component	Туре	Material	Colour	Finish	Length
C14233_WINNIE-M	Single lens	PMMA	clear		49.6
C14235 WINNIE-HOLDER	Holder	PC	white		49.8

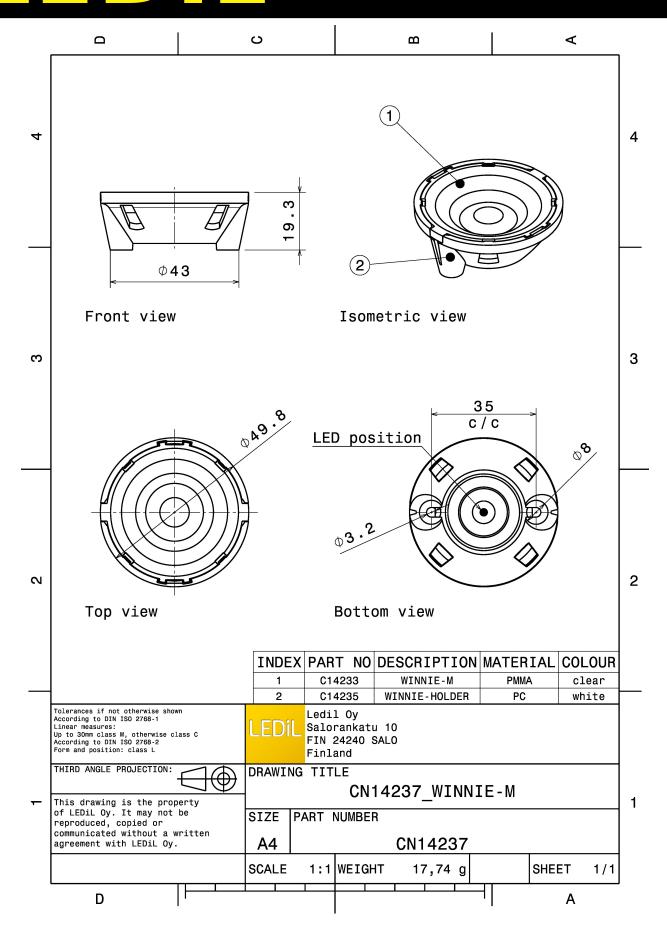
ORDERING INFORMATION:

Quantities for one set:

Single lens 1 Holder 1



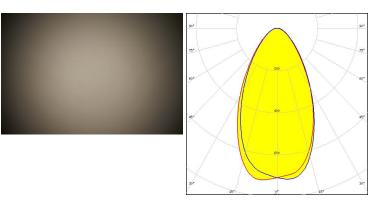
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C14233_WINNIE-M » Box size: 480 x 280 x 300 mm	Single lens	364	84	28	6.5
C14235_WINNIE-HOLDER » Box size: 480 x 280 x 300 mm	Holder	1820	84	28	7.2



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



LED V18 Gen6
FWHM / FWTM 58.0° / 113.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

bridgelux.

LED V6 Gen6
FWHM / FWTM 27.0° / 58.0°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

bridgelux.

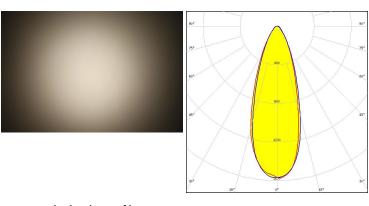
LED V8 Gen6
FWHM / FWTM 31.0° / 70.0°
Efficiency 85 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



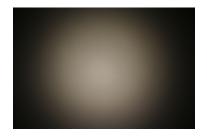
LED VERO10
FWHM / FWTM 36.0° / 74.0°
Efficiency 89 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLL01x
FWHM / FWTM 27.0° / 60.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 35.0° / 72.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

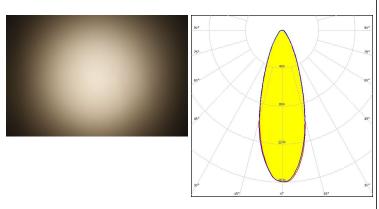




CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 35.0° / 72.0° Efficiency 86 % Peak intensity 1.6 cd/lm LEDs/each optic White Light colour/type Required components: Bender Wirth: 434 Typ L5

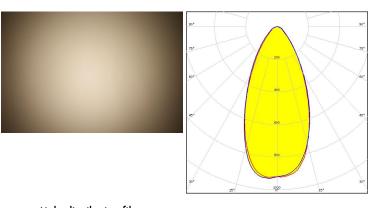


Light distribution files

CITIZEN

CLL03x/CLU03x FWHM / FWTM 49.0° / 95.0° Efficiency 86 % Peak intensity 0.9 cd/lm LEDs/each optic

Light colour/type White Required components: Bender Wirth: 433 Typ L5



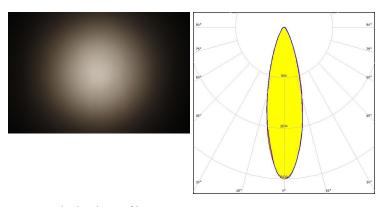
Light distribution files

CITIZEN

LED CLU700/701/702/703

FWHM / FWTM 28.0° / 58.0° Efficiency 87 % Peak intensity 2.4 cd/lm LEDs/each optic Light colour/type White Required components:

Bender Wirth: 434 Typ L5



Light distribution files



CITIZEN

LED CLU700/701/702/703

FWHM / FWTM 27.0° / 56.0°

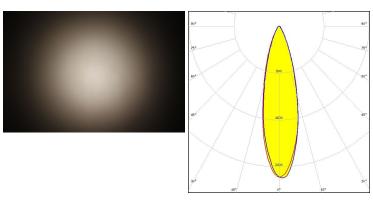
Efficiency 89 %

Peak intensity 2.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files

CITIZEN

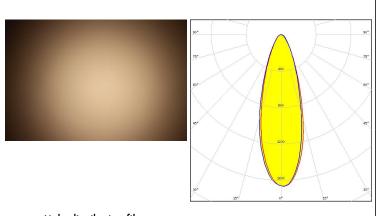
 LED
 CLU710/711

 FWHM / FWTM
 32.0° / 70.0°

 Efficiency
 86 %

 Peak intensity
 1.7 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:



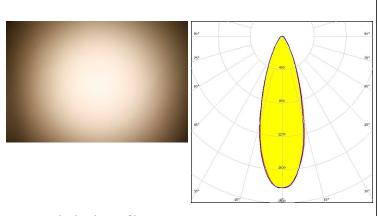
Light distribution files

CITIZEN

LED CLU710/711
FWHM / FWTM 33.0° / 67.0°
Efficiency 87 %

Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 470 Typ L5



Light distribution files



CITIZEN

 LED
 CLU720/721/723

 FWHM / FWTM
 41.0° / 80.0°

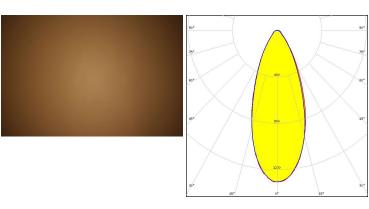
 Efficiency
 90 %

 Peak intensity
 1.3 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

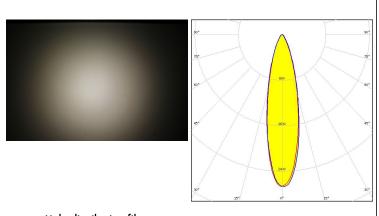
 Required components:
 Bender Wirth: 433 Typ L5



Light distribution files

CREE \$

LED CXA/B 13xx
FWHM / FWTM 25.0° / 55.0°
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

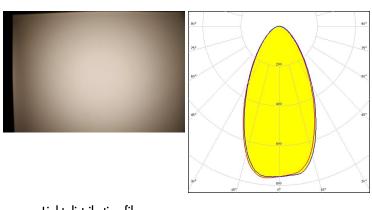
CREE -

LED CXA/B 13xx
FWHM / FWTM 26.0° / 58.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



CREE &

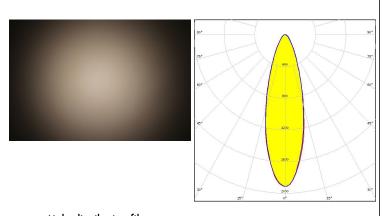
LED CXA/B 25xx
FWHM / FWTM 55.0° / 109.0°
Efficiency 85 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE \$

LED MHD-E/G
FWHM / FWTM 30.0° / 67.0°
Efficiency 87 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

DESCRIPTION

LED LUXEON CoB 1202/1203

FWHM / FWTM 34.0° / 74.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:







LED LUXEON CoB 1202s

FWHM / FWTM 27.0° / 60.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED CxM-14 (19x19) FWHM / FWTM 45.0° / 94.0°

Efficiency 85 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED CxM-9 (13.5x13.5) FWHM / FWTM 36.0° / 76.0°

Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM Opto Semiconductors

LED Duris S10 24.0° / 58.0° FWHM / FWTM Efficiency 88 % Peak intensity 3.1 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

OSRAM Opto Semiconductors

Soleriq S13 FWHM / FWTM 41.0° / 88.0° Efficiency 85 % Peak intensity 1.2 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

OSRAM Opto Semiconductors

LED Soleriq S19 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 55.0° / 104.0° Efficiency 83 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour/type White Required components:

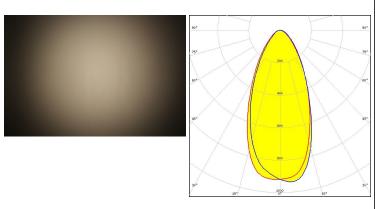


Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 48.0° / 98.0°
Efficiency 85 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED MJT COB LES 14.5

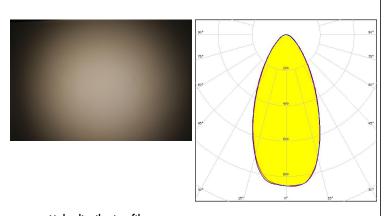
 FWHM / FWTM
 51.0° / 101.0°

 Efficiency
 84 %

 Peak intensity
 0.9 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 433 Typ L5



Light distribution files



LED MJT COB LES 9.8

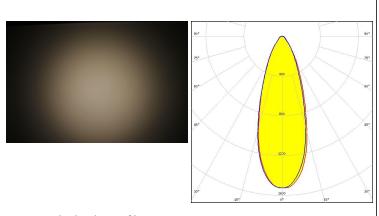
White

FWHM / FWTM 36.0° / 75.0°

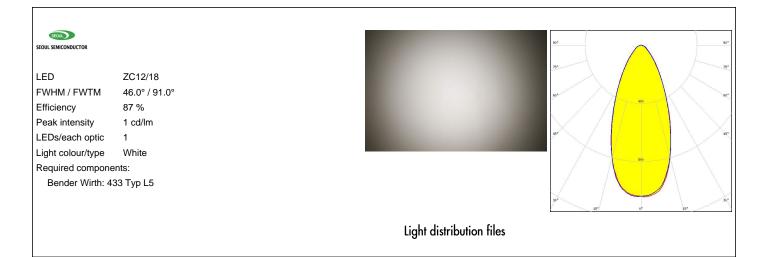
Efficiency 89 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1

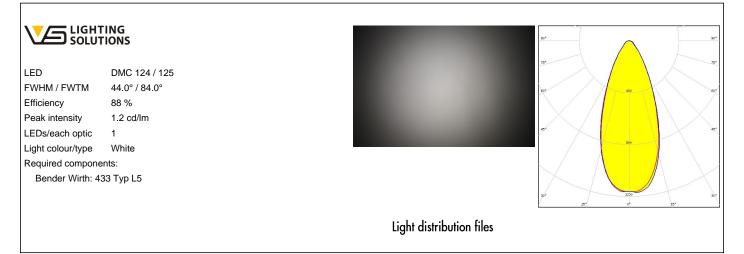
Required components: Bender Wirth: 434 Typ L5

Light colour/type



Light distribution files





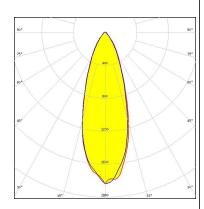


CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 35.0° / 72.0°
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

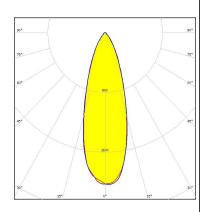


Light distribution files

CREE \$

LED CXA/B 15xx
FWHM / FWTM 33.0° / 68.0°
Efficiency 93 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED LUXEON CoB 1202/1203

FWHM / FWTM 34.0° / 69.0°
Efficiency 89 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 441 Typ L5





LED LUXEON CoB Compact

White

FWHM / FWTM 27.0° / 60.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1

Required components:

Light colour/type

Light distribution files

ELUMINUS

LED CxM-14 (19x19) FWHM / FWTM 49.0° / 95.0°

Efficiency 86 %
Peak intensity 0.9 cd/lm

LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 433 Typ L5

Light distribution files



LED CxM-9 (13.5x13.5)

 FWHM / FWTM
 35.0° / 72.0°

 Efficiency
 86 %

 Peak intensity
 1.6 cd/lm

LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 434 Typ L5

Light distribution files

15/19

WNICHIA

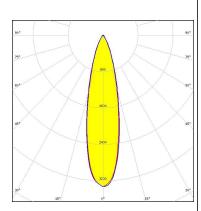
LFD COB S-Type (LES 6)

White

FWHM / FWTM 25.0° / 53.0° Efficiency 92 % Peak intensity 3.3 cd/lm LEDs/each optic

Required components:

Light colour/type



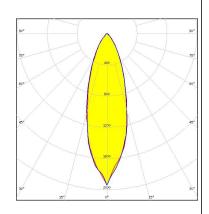
Light distribution files

OSRAM Opto Semiconductore

LFD Soleriq S9 32.0° / 71.0° FWHM / FWTM Efficiency 90 % Peak intensity 1.9 cd/lm LEDs/each optic

Light colour/type White

Required components:

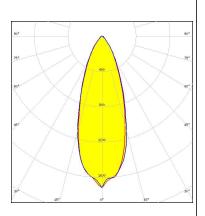


Light distribution files

SAMSUNG

LC003D / LC006D / LC009D / LC013D

FWHM / FWTM 36.0° / 74.0° Efficiency 92 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour/type White Required components:

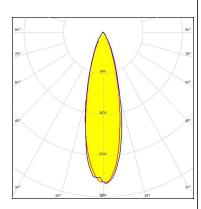


SAMSUNG

LED LC010C
FWHM / FWTM 27.0° / 56.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 479 Typ L5



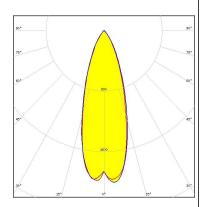
Light distribution files

SAMSUNG

LED LC020C
FWHM / FWTM 32.0° / 66.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 479 Typ L5



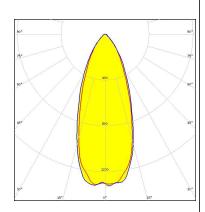
Light distribution files

SAMSUNG

LED LC040C
FWHM / FWTM 40.0° / 82.0°
Efficiency 89 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 479 Typ L5







LED ZC4/6
FWHM / FWTM 35.0° / 72.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White

Bender Wirth: 434 Typ L5

Required components:

Published: 22/03/2022



PRODUCT DATASHEET WINNIE-M

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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