

### WINNIE-O

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

#### **TECHNICAL SPECIFICATIONS:**

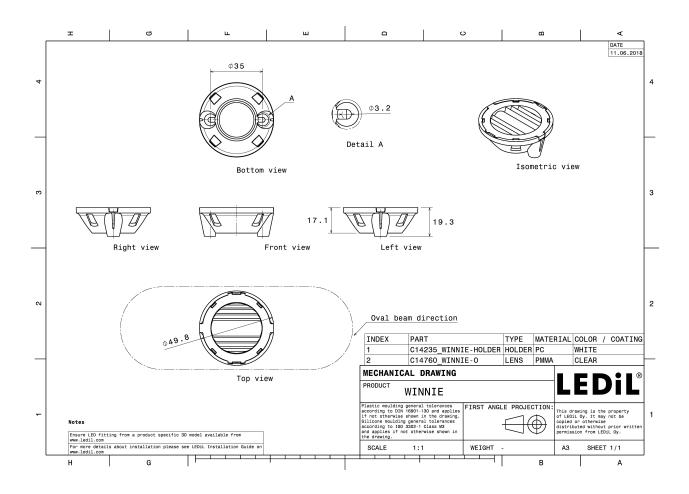
Dimensions	Ø 49.8 mm
Height	19.3 mm
Fastening	screw
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	364 pcs
ROHS compliant	yes 🛈



#### **MATERIAL SPECIFICATIONS:**

**Component** WINNIE-O WINNIE-HOLDER **Type** Single lens Holder **Material** PMMA PC

**Colour** clear white



R

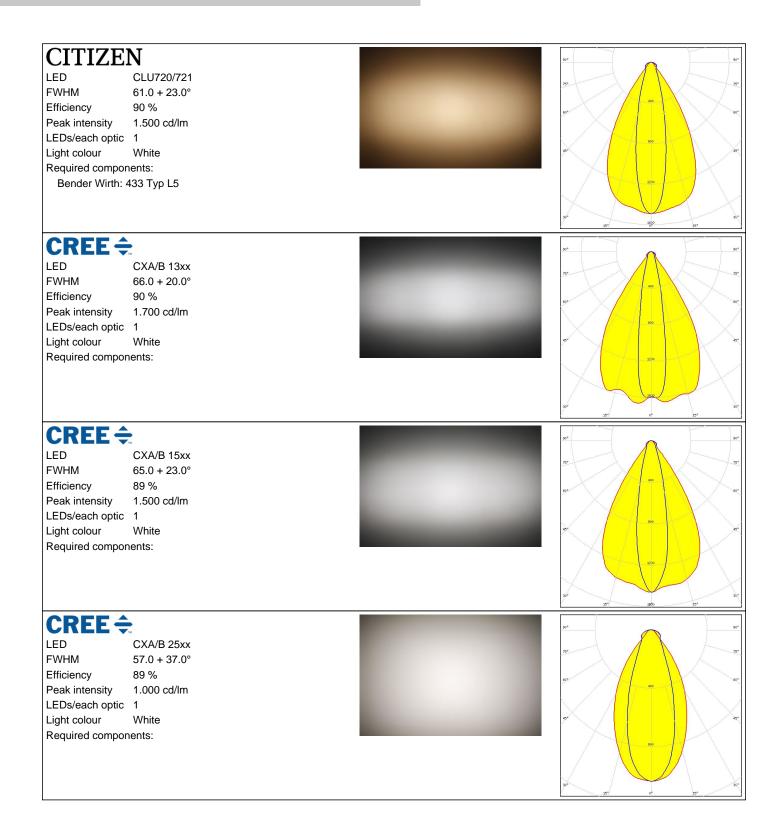


bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	30° 50° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	90' 90' 90' 90' 90' 90' 90' 90'
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	37 61 61 60 60 60 60 60 60 60 60 60 60
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	200 - 200 -



CITIZE	N	30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLL02x/CLU02x (LES10) 63.0 + 22.0° 90 % 1.600 cd/lm 1 White hents:	
CITIZE: LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLL03x/CLU03x 59.0 + 29.0° 90 % 1.200 cd/lm 1 White hents:	
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLU700/701 64.0 + 18.0° 91 % 1.800 cd/lm 1 White	
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLU710/711 63.0 + 20.0° 91 % 1.700 cd/lm 1 White hents:	







EUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON CoB 1202/1203 64.0 + 23.0° 89 % 1.500 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
EUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON CoB 1202s 65.0 + 19.0° 90 % 1800.000 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON CoB Compact 65.0 + 20.0° 88 % 1.600 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
<b>NICHIA</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	25° 25° 25°



### PHOTOMETRIC DATA (MEASURED):

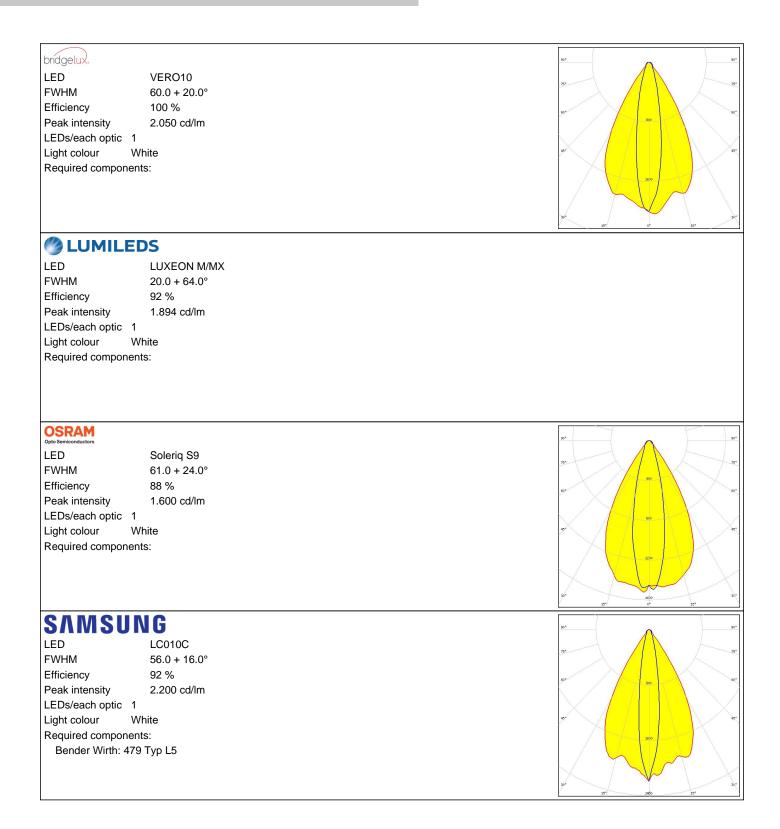
#### **ΜΝΙCΗΙΛ** LED COB L-Type (LES 11) FWHM 62.0 + 25.0° Efficiency 89 % Peak intensity 1.400 cd/lm LEDs/each optic 1 Light colour White Required components: **ΜΝΙCΗΙΛ** LED COB L-Type (LES 11) FWHM 64.0 + 22.0° 90 % Efficiency Peak intensity 1.600 cd/lm LEDs/each optic 1 White Light colour Required components: SAMSUNG LED COB D Series LES 14.5 mm FWHM 59.0 + 31.0° Efficiency 85 % Peak intensity 1.150 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED COB D Series LES 9.8 mm FWHM 63.0 + 23.0° Efficiency 87 % Peak intensity 1.500 cd/lm LEDs/each optic 1 White Light colour Required components:



seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	White ents:	55° 60° 55°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	White ents:	200 - 200 200 - 200
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	SLE G5 LES11 61.0 + 21.0° 89 % 1.600 cd/lm 1 White	25 00 15 0 15 0 10 10 10 10 10 10 10 10 10 10 10 10 1

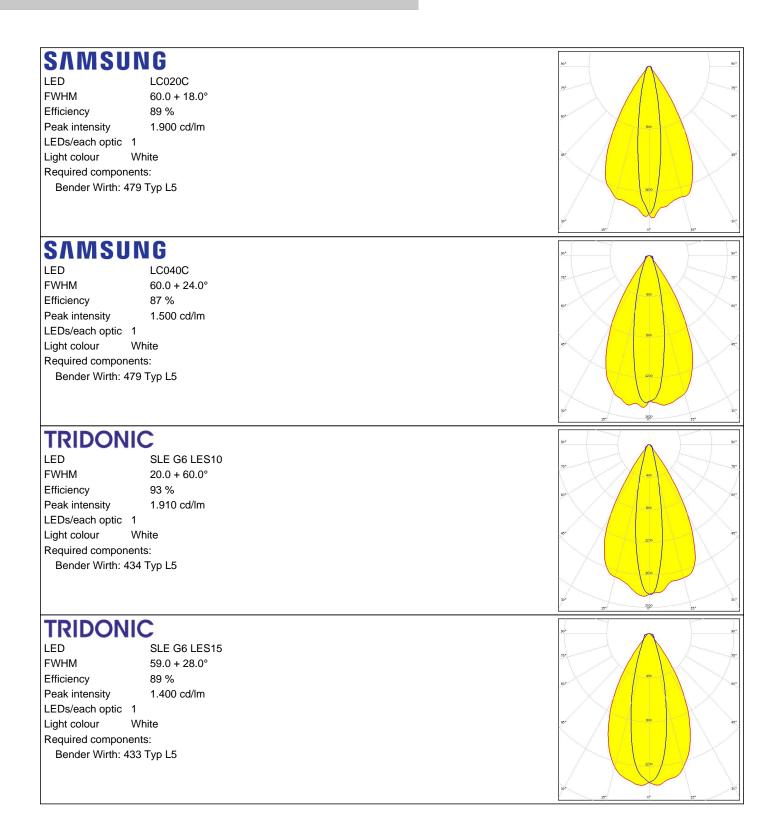


### **PHOTOMETRIC DATA (SIMULATED):**





### PHOTOMETRIC DATA (SIMULATED):

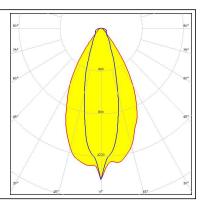




### PHOTOMETRIC DATA (SIMULATED):

### TRIDONIC

LED SLE G6 LES17 FWHM 55.0 + 27.0° Efficiency 92 % Peak intensity 1.420 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 433 Typ L5





#### **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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

#### Local sales and technical support www.ledil.com/ where\_to\_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where\_to\_buy