



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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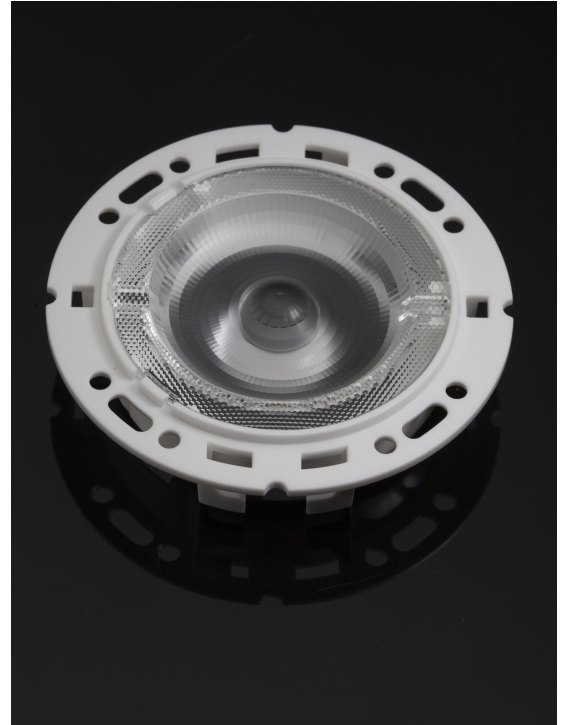


RONDA-W

~45° wide beam with holder A compatible with 3rd party connectors from TE, Bender Wirth and IDEAL

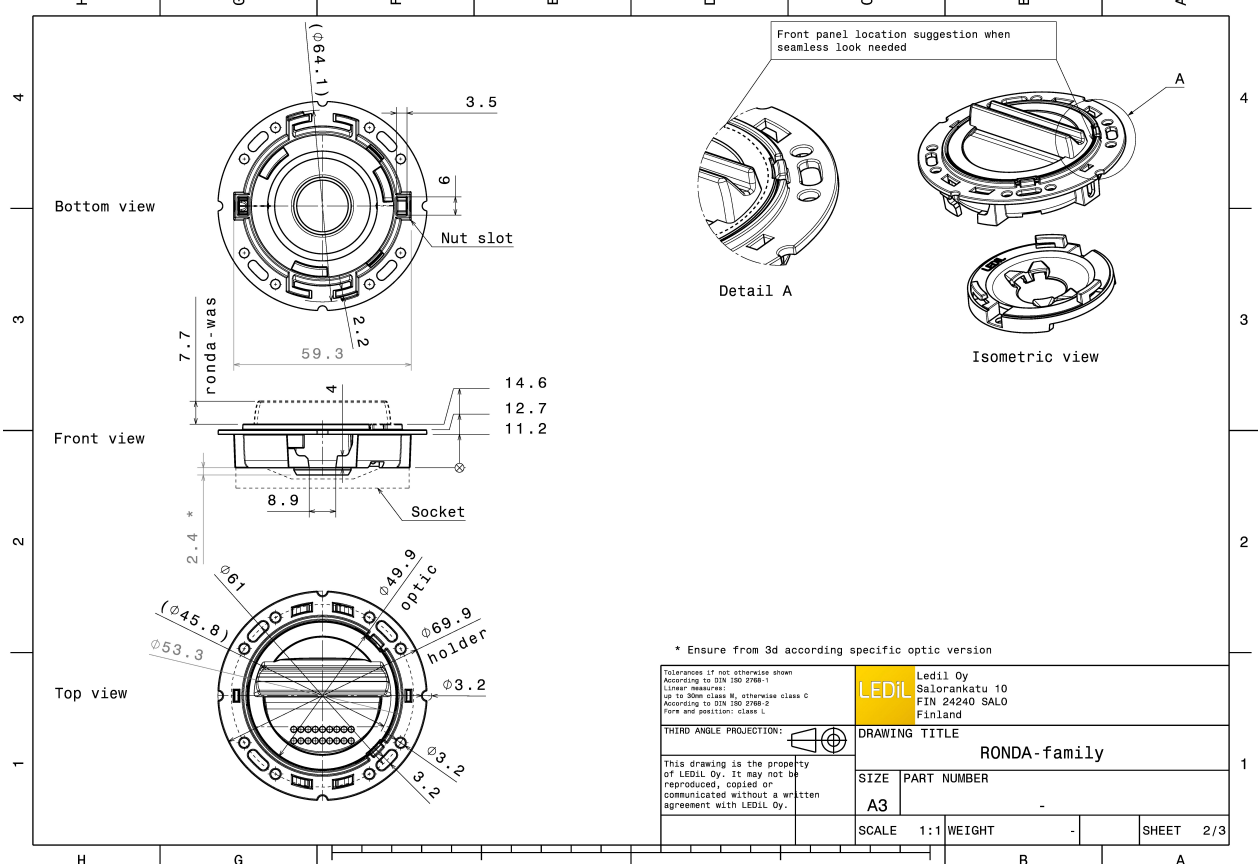
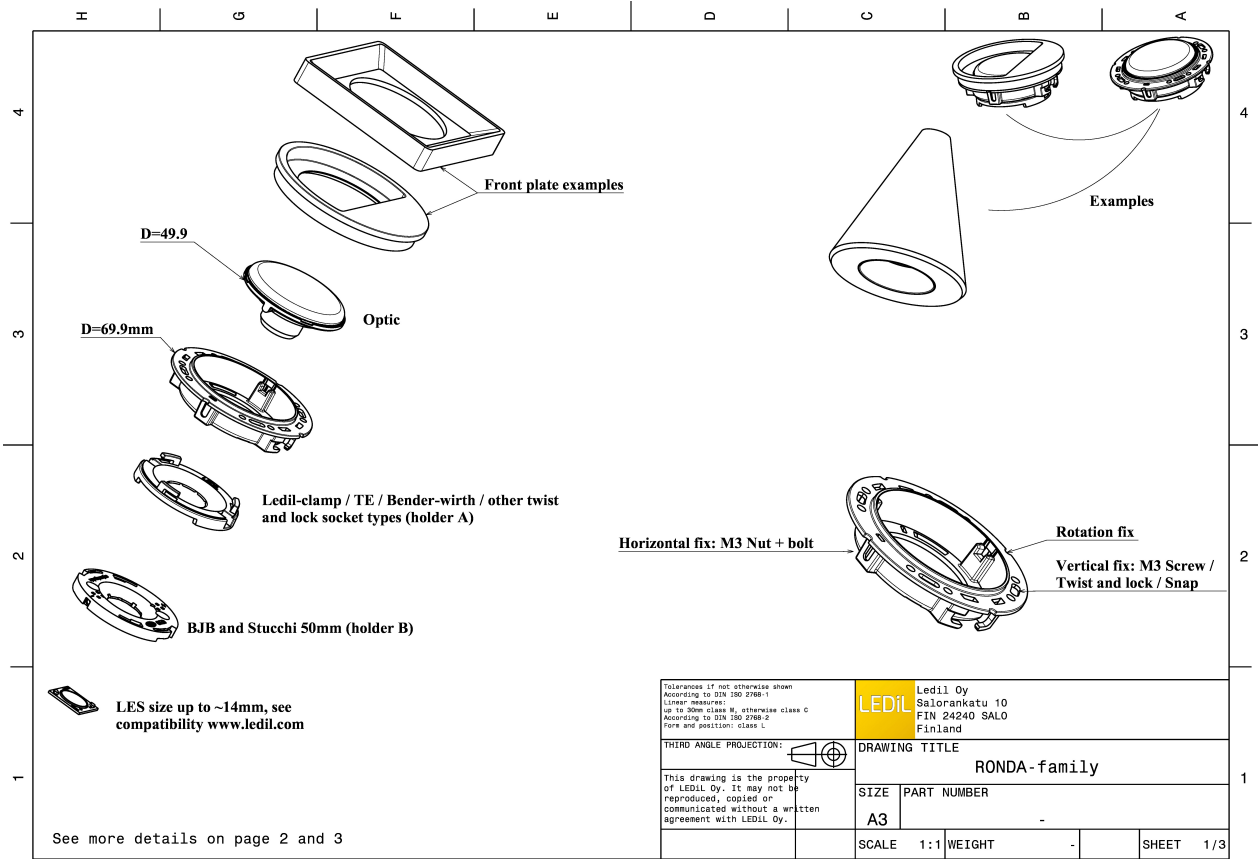
TECHNICAL SPECIFICATIONS:

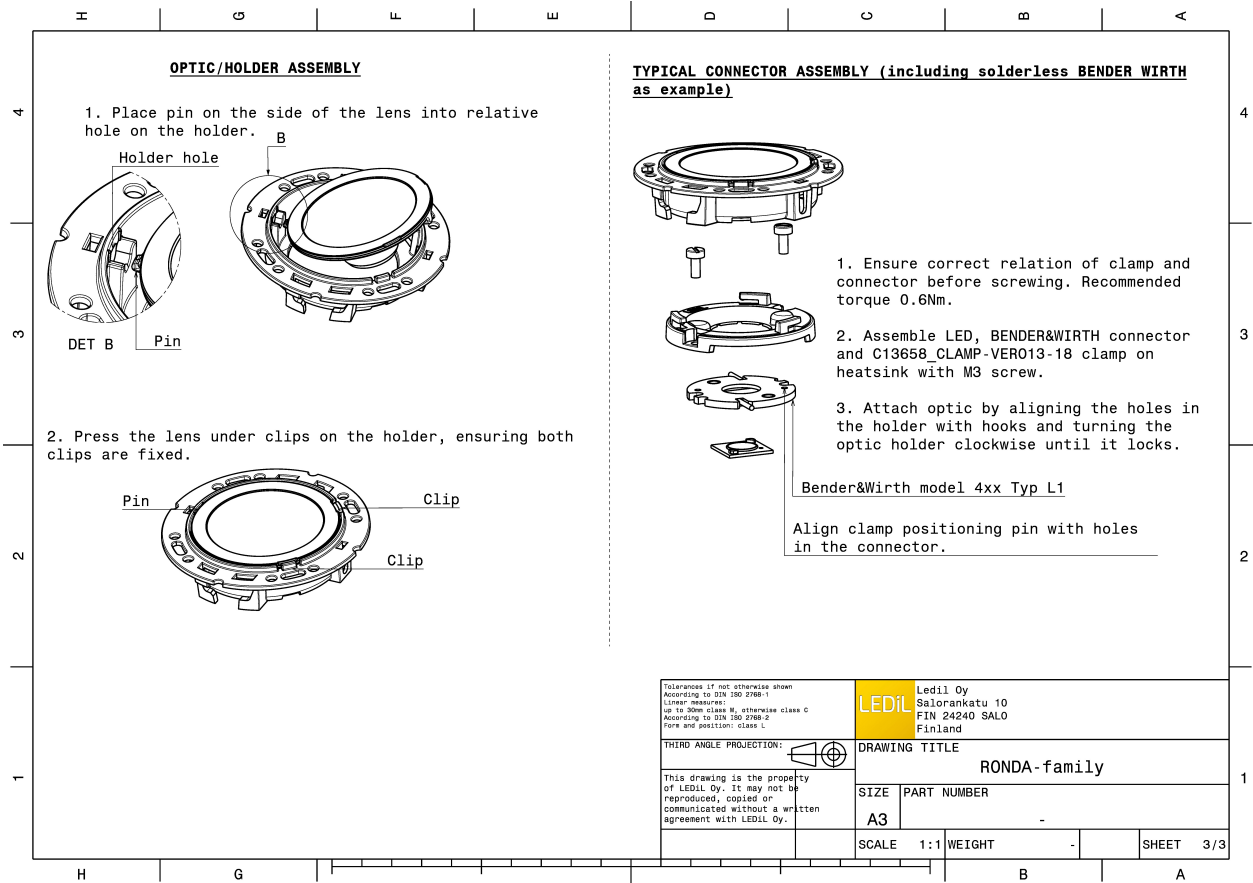
Dimensions	Ø 69.9 mm
Height	14 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ




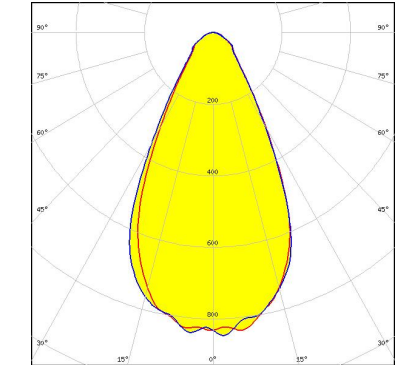

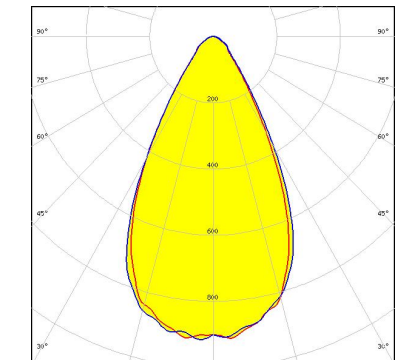
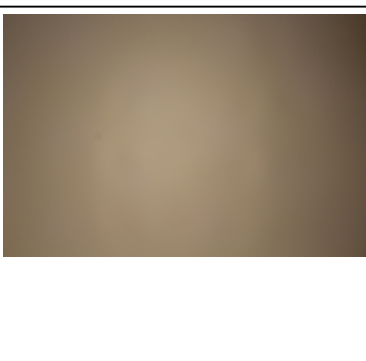
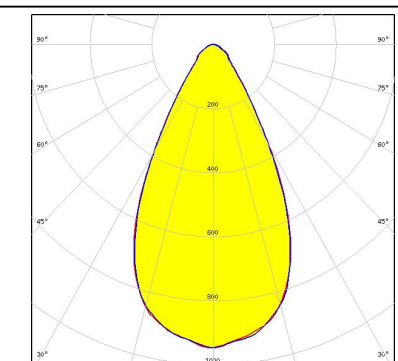
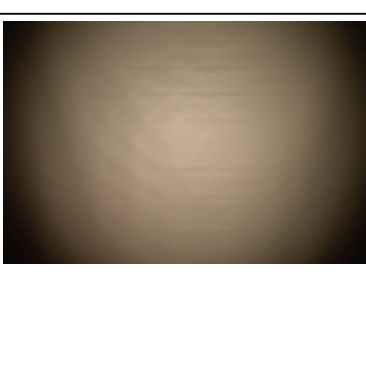
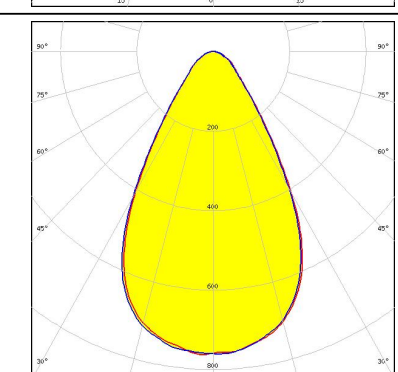
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-W	Lens	PMMA	clear
RONDA-HLD-A	Holder	PC	white





PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 54.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.850 cd/lm</p> <p>Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED Vero SE 13</p> <p>FWHM 56.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.920 cd/lm</p> <p>Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 55.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.950 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		
<p>CREE ⇄</p> <p>LED CMA1840</p> <p>FWHM 62.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.760 cd/lm</p> <p>Required components: C14123_CLAMP-CXA15-18</p>		

PHOTOMETRIC DATA (MEASURED):

CREE 

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

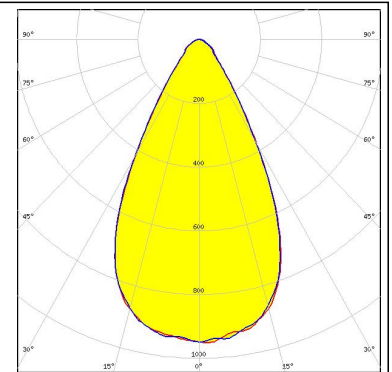
FWHM 56.0°

Efficiency 91 %

Peak intensity 1.000 cd/lm

Required components:

LEDiL: C14123_CLAMP-CXA15-18



PHILIPS

LED Fortimo SLM L15 Standard

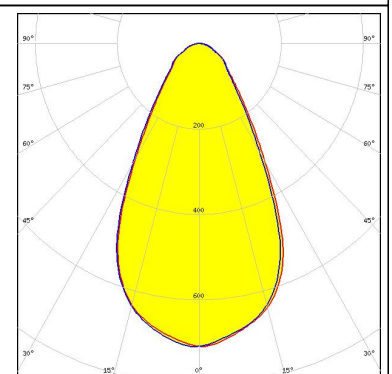
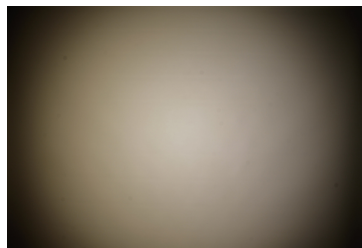
FWHM 57.0°

Efficiency 83 %

Peak intensity 0.710 cd/lm

Required components:

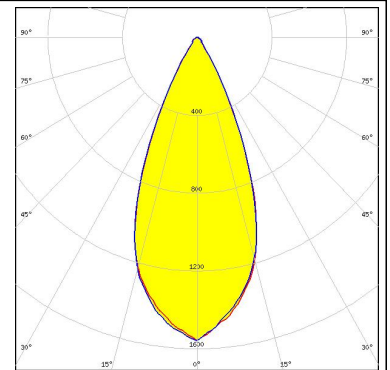
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):

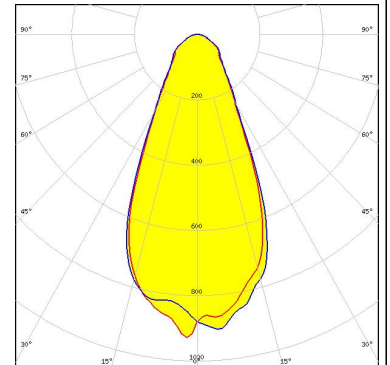
bridgelux

LED V10 Gen6
 FWHM 44.0°
 Efficiency %
 Peak intensity 1.560 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 455 Typ L1



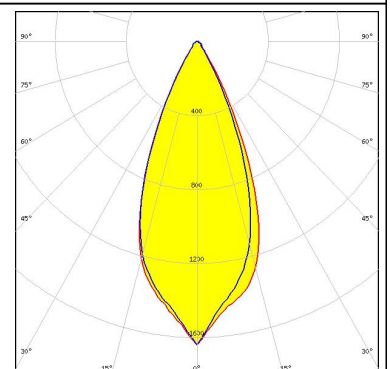
bridgelux

LED V13 Gen7
 FWHM 46.0°
 Efficiency 83 %
 Peak intensity 0.950 cd/lm
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



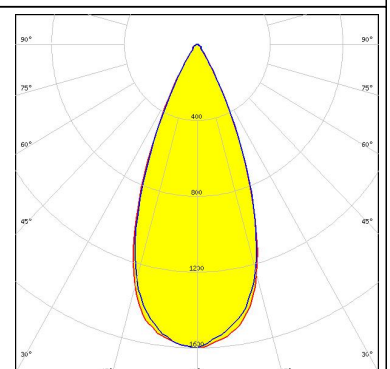
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 42.0°
 Efficiency %
 Peak intensity 1.640 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



CITIZEN

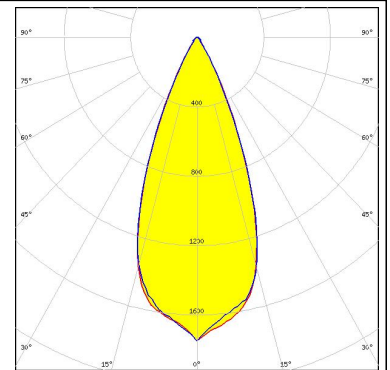
LED CLU710/711
 FWHM 44.0°
 Efficiency %
 Peak intensity 1.600 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 470 Typ L1



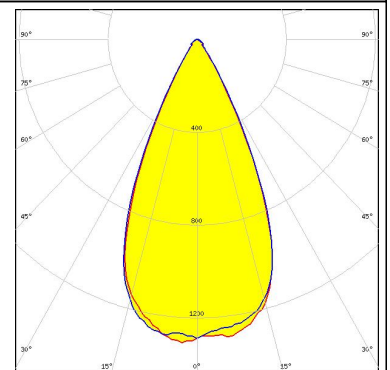
PHOTOMETRIC DATA (SIMULATED):



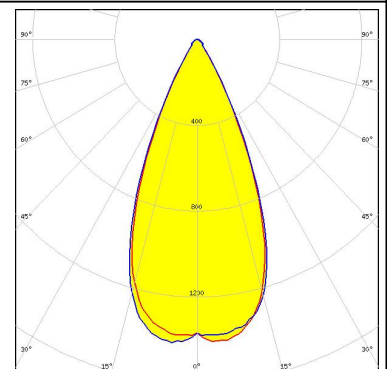
LED CXA/B 15xx
FWHM 42.0°
Efficiency %
Peak intensity 1.750 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1



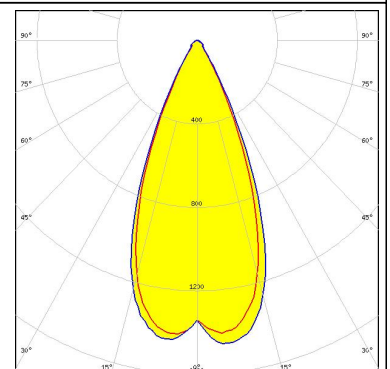
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 48.0°
Efficiency %
Peak intensity 1.320 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 45.0°
Efficiency %
Peak intensity 1.420 cd/lm
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1202/1203
FWHM 43.0°
Efficiency %
Peak intensity 1.460 cd/lm
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):



LED COB L-Type (LES 9)

FWHM 42.0°

Efficiency %

Peak intensity 1.740 cd/lm

Required components:

TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED NSCxL036A

FWHM 36.0°

Efficiency %

Peak intensity 2.370 cd/lm

Required components:

TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Mini Zenigata (GW6BM)

FWHM 40.0°

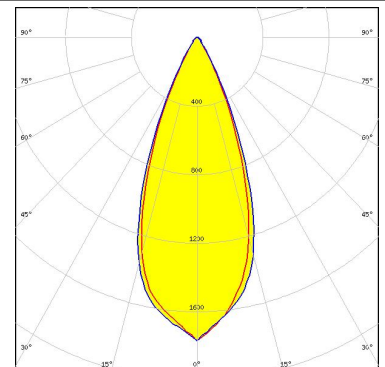
Efficiency %

Peak intensity 1.770 cd/lm

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 452 Typ L1



LED SLE G6 LES15

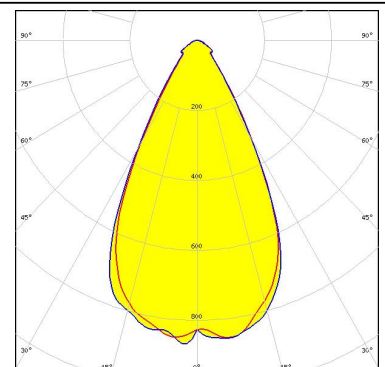
FWHM 55.0°

Efficiency 81 %

Peak intensity 0.890 cd/lm

Required components:

TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



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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