



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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CARMEN-W-B

~55° wide beam. Assembly with holder B compatible with Ø40 mm BJB connectors.

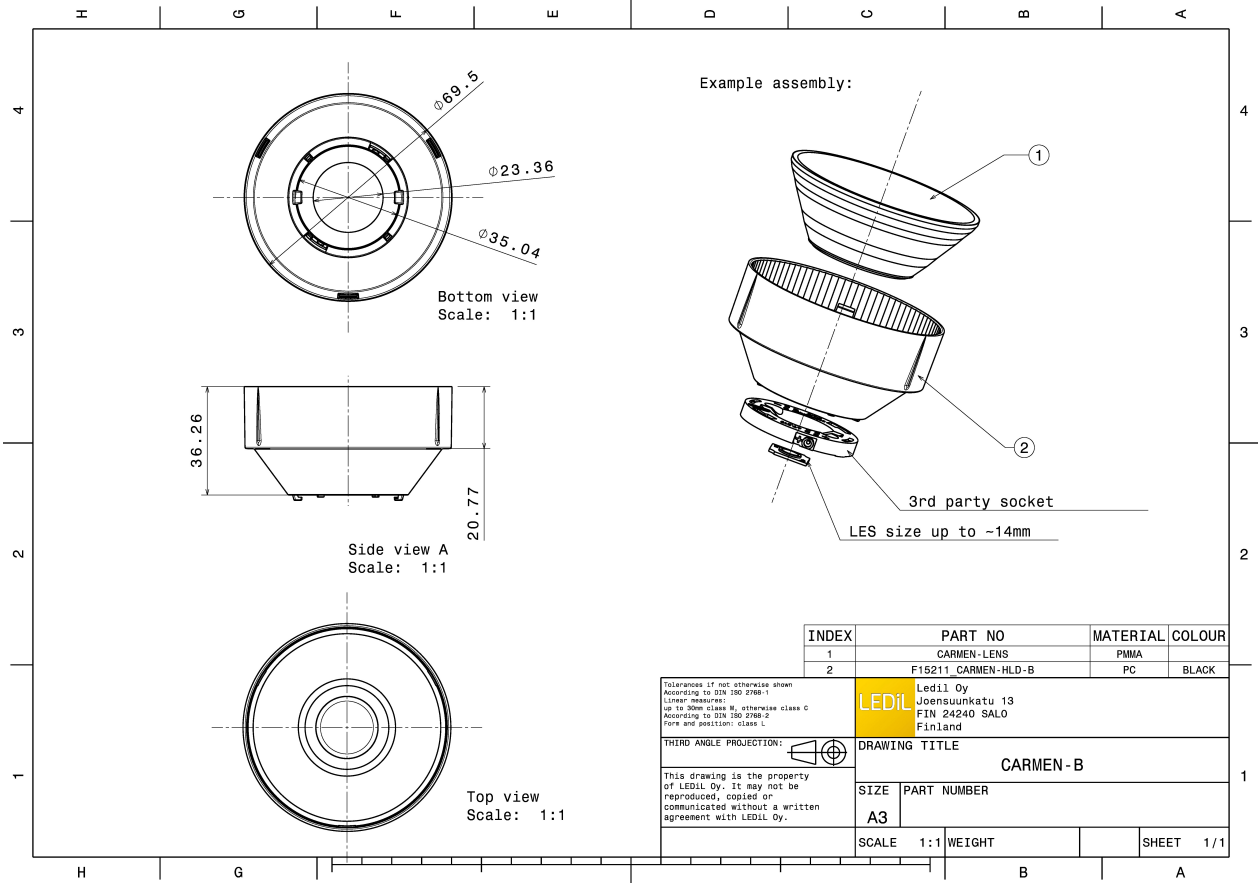
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.5 mm
Height	36.3 mm
Fastening	socket
Colour	black
Box size	476 x 273 x 292 mm
Box weight	6 kg
Quantity in Box	150 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

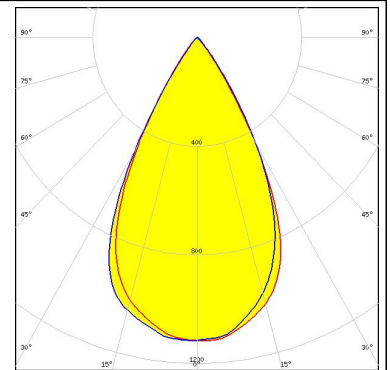
Component	Type	Material	Colour
CARMEN-W	Lens	PMMA	clear
CARMEN-HLD-B	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):

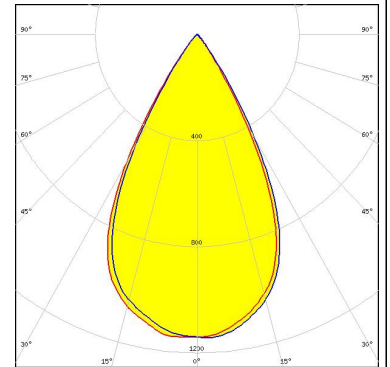
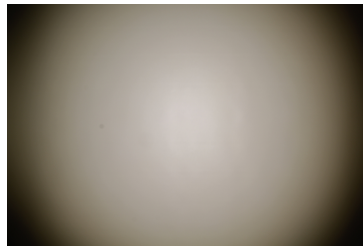
CITIZEN

LED CLU700/701
FWHM 56.0°
Efficiency 86 %
Peak intensity 1.100 cd/lm
Required components:
BJB: 47.319.6060



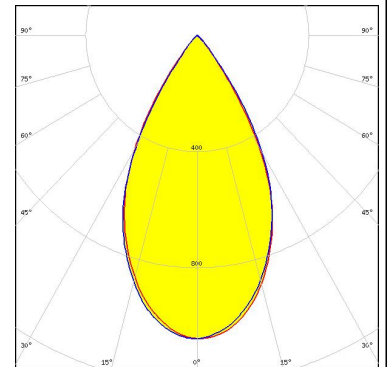
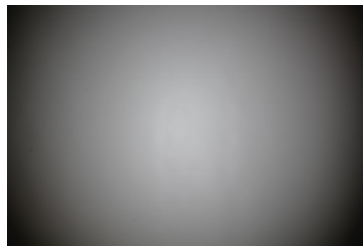
CREE

LED CXA/B 13xx
FWHM 57.0°
Efficiency 89 %
Peak intensity 1.100 cd/lm
Required components:



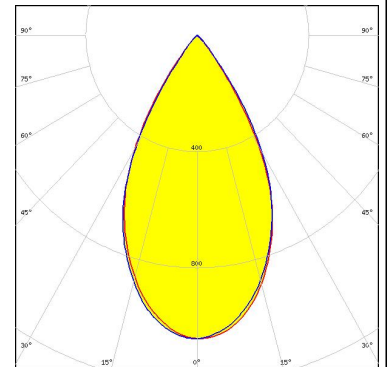
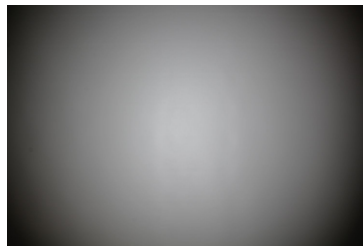
SAMSUNG

LED COB D Series LES 9.8 mm
FWHM 56.0°
Efficiency 82 %
Peak intensity 1.040 cd/lm
Required components:
BJB: 47.319.6060



SAMSUNG

LED COB D Series LES 9.8 mm
FWHM 56.0°
Efficiency 82 %
Peak intensity 1.040 cd/lm
Required components:
A.A.G. STUCCHI: 8100/G2



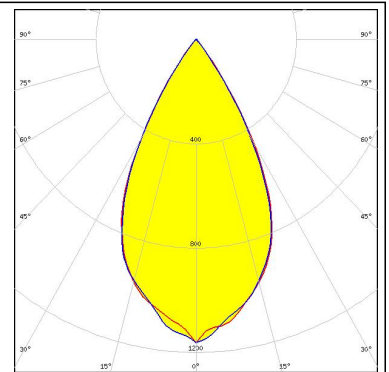
PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

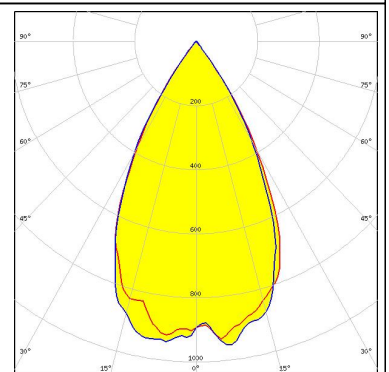
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 55.0°
Efficiency 82 %
Peak intensity 1.200 cd/lm
Required components:
BJB: 47.319.6060



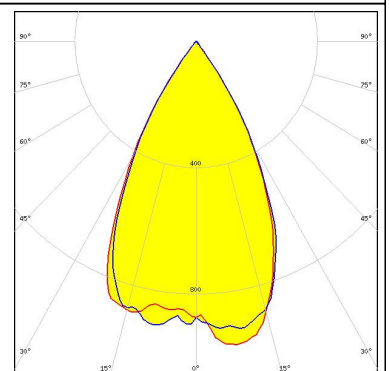
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 55.0°
Efficiency 73 %
Peak intensity 0.960 cd/lm
Required components:



CREE

LED CXA/B 15xx
FWHM 53.0°
Efficiency 73 %
Peak intensity 0.969 cd/lm
Required components:



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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