



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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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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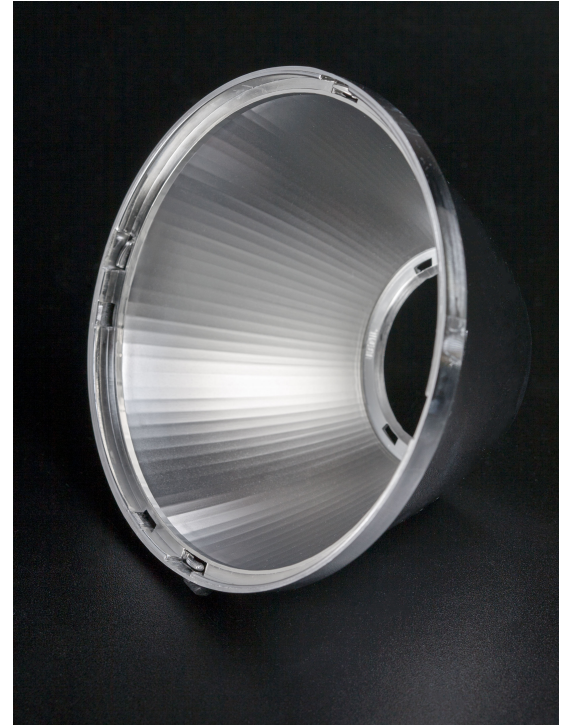


ANGELETTE-S-B

~10° spot beam compatible with BJB connectors

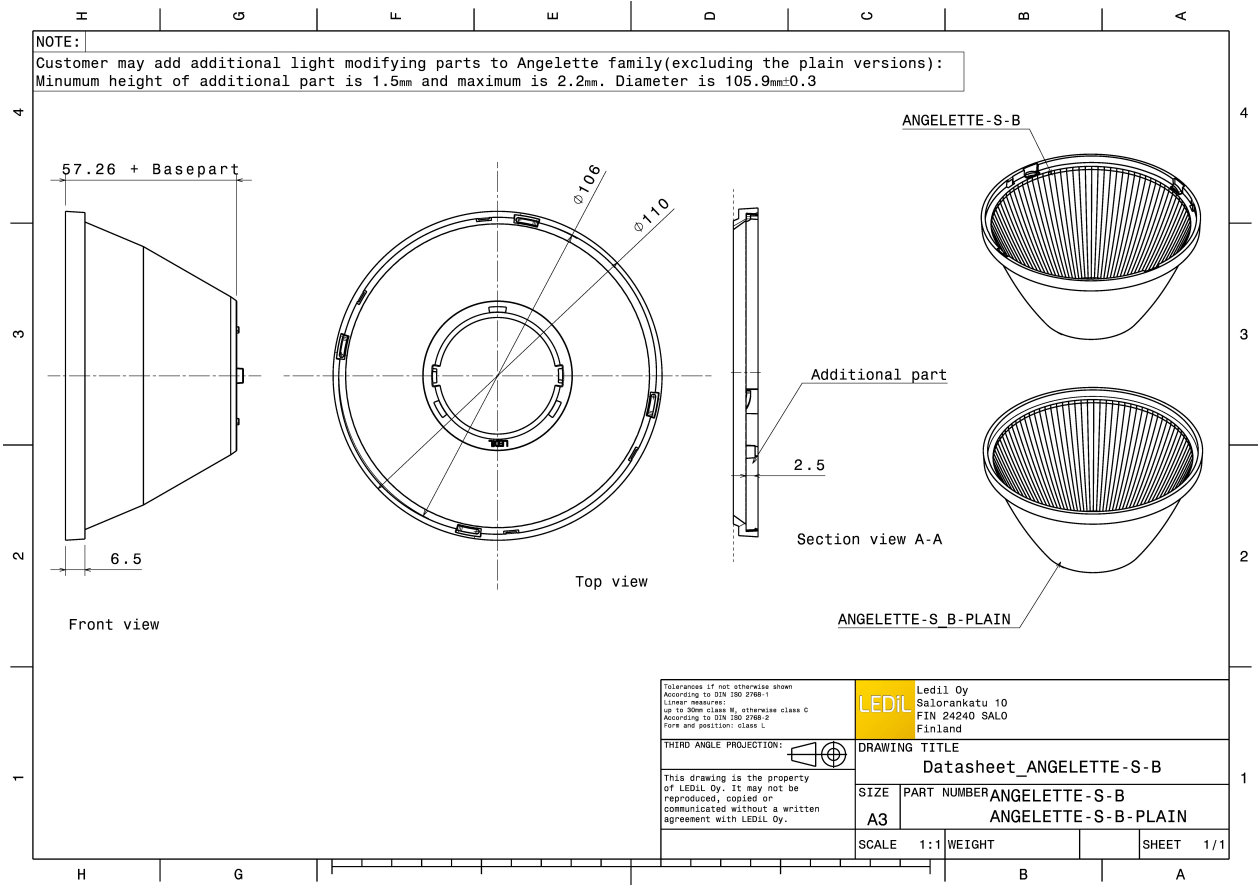
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110 mm
Height	57.3 mm
Fastening	socket
Colour	metal
Box size	398 x 298 x 265 mm
Box weight	7.4 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ


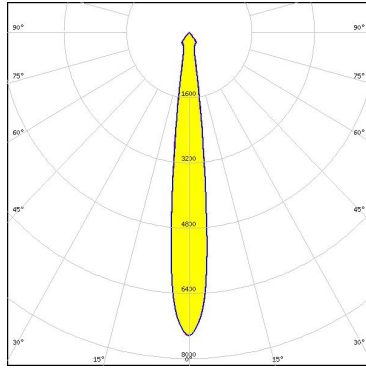

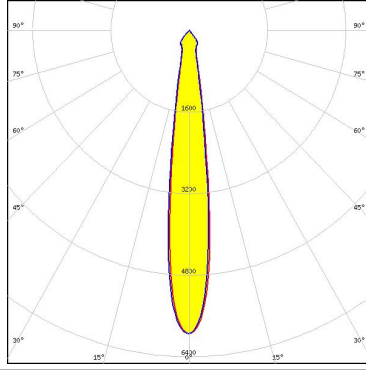

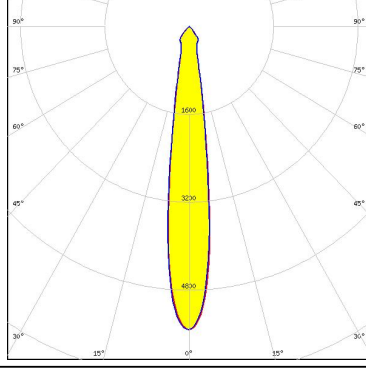

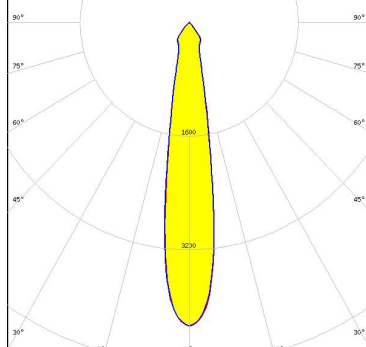


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
ANGELETTE-S-B	Reflector	PC	metal	



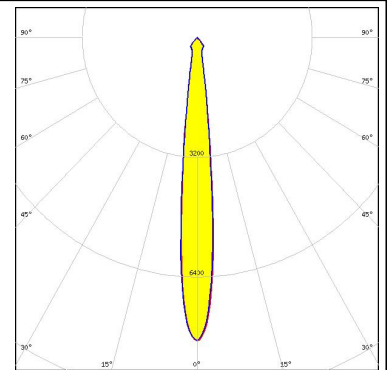
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V15 Gen6</p> <p>FWHM 13.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 7.400 cd/lm</p> <p>Required components: BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V18 Gen6</p> <p>FWHM 15.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 6.000 cd/lm</p> <p>Required components: BJB: 47.319.2274</p>		
<p>bridgelux.</p> <p>LED V18 Gen7</p> <p>FWHM 15.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 5.500 cd/lm</p> <p>Required components: BJB: 47.319.2350</p>		
<p>bridgelux.</p> <p>LED V22 Gen6</p> <p>FWHM 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.300 cd/lm</p> <p>Required components: A.A.G. STUCCHI: 8102/G2</p>		

PHOTOMETRIC DATA (MEASURED):

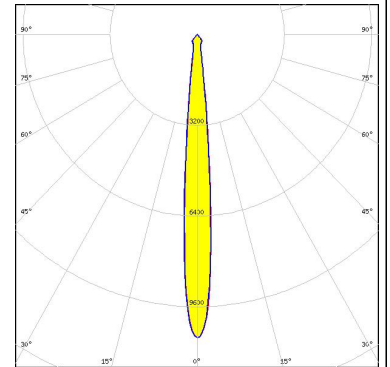
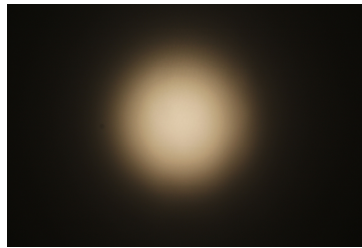
CITIZEN

LED CLL03x/CLU03x
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 8.100 cd/lm
 Required components:
 A.A.G. STUCCHI: 8101/G2



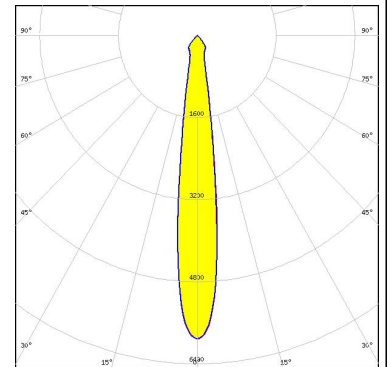
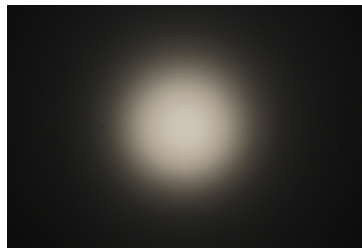
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity 10.700 cd/lm
 Required components:
 A.A.G. STUCCHI: 8403/G2



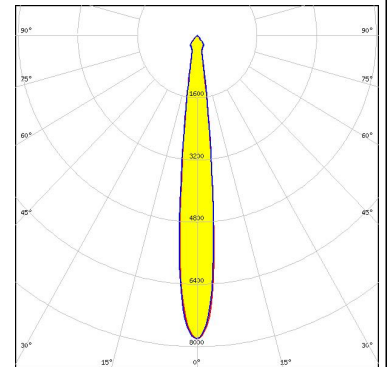
CREE

LED CXA/B 25xx
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 5.900 cd/lm
 Required components:
 A.A.G. STUCCHI: 8401/G2



LUMILEDS

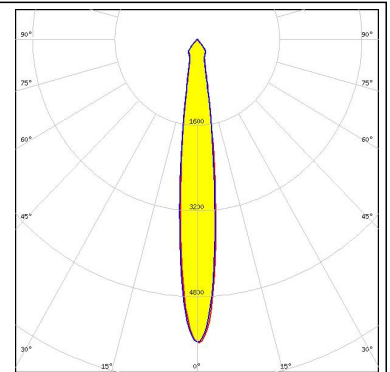
LED LUXEON CoB 1208
 FWHM 12.0°
 Efficiency 91 %
 Peak intensity 7.800 cd/lm
 Required components:
 A.A.G. STUCCHI: 8301/G2



PHOTOMETRIC DATA (MEASURED):

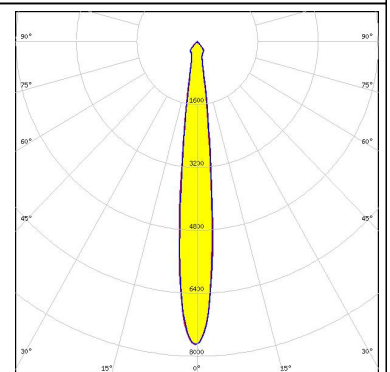
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 14.0°
Efficiency 88 %
Peak intensity 5.670 cd/lm
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2



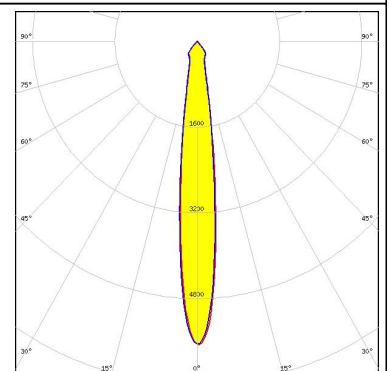
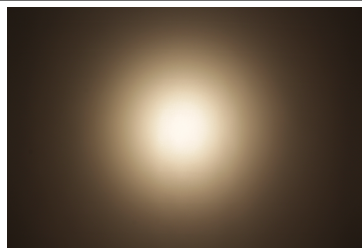
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 12.0°
Efficiency 91 %
Peak intensity 7.720 cd/lm
Required components:
A.A.G. STUCCHI: 8101/G2



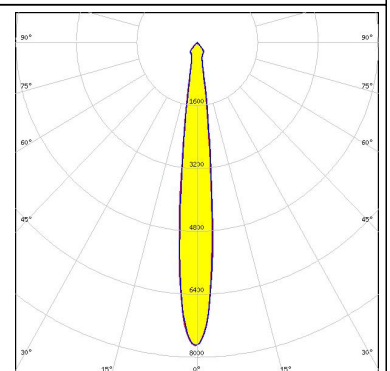
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 14.0°
Efficiency 88 %
Peak intensity 5.670 cd/lm
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2021



SAMSUNG

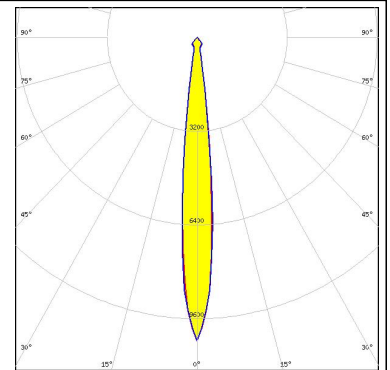
LED COB D Series LES 14.5 mm
FWHM 12.0°
Efficiency 91 %
Peak intensity 7.720 cd/lm
Required components:
BJB: 47.319.2021



PHOTOMETRIC DATA (SIMULATED):

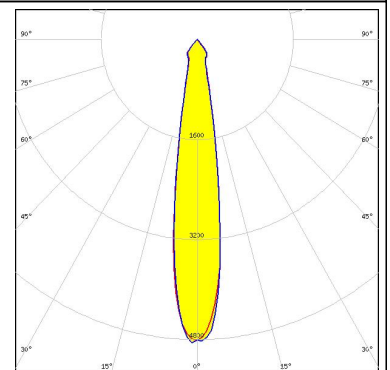
CITIZEN

LED CLL03x/CLU03x
FWHM 12.0°
Efficiency 90 %
Peak intensity 10.400 cd/lm
Required components:
BJB: 47.319.2021



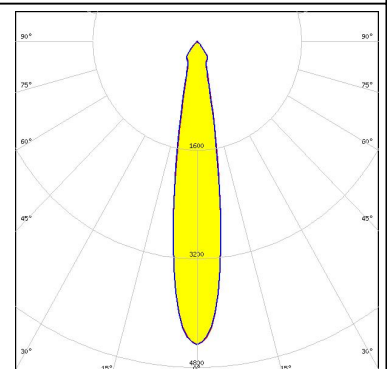
CITIZEN

LED CLL04x/CLU04x
FWHM 17.0°
Efficiency 89 %
Peak intensity 4.900 cd/lm
Required components:
BJB: 47.319.2030



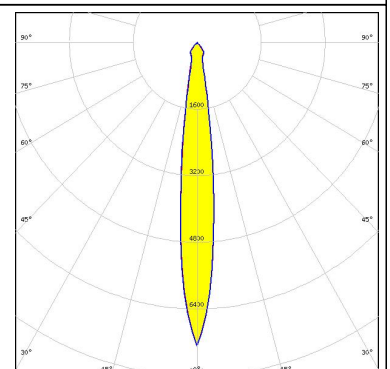
SAMSUNG

LED COB D Series LES 22 mm
FWHM 18.0°
Efficiency 88 %
Peak intensity 4.470 cd/lm
Required components:
BJB: 47.319.2030



TRIDONIC

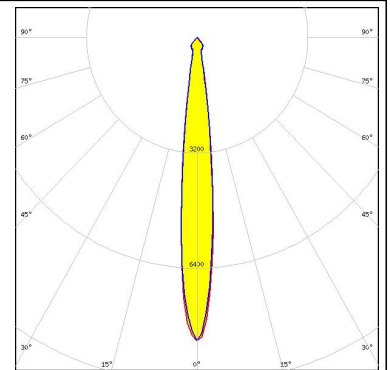
LED SLE G6 LES15 H D50
FWHM 13.0°
Efficiency 90 %
Peak intensity 7.290 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

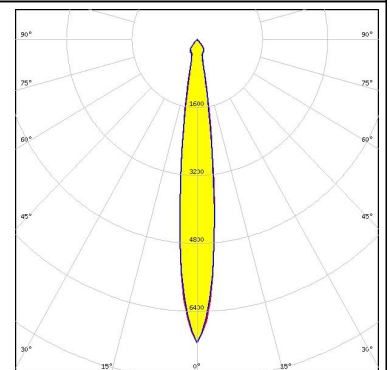
TRIDONIC

LED SLE G6 LES17 H
FWHM 12.0°
Efficiency 89 %
Peak intensity 8.400 cd/lm
Required components:



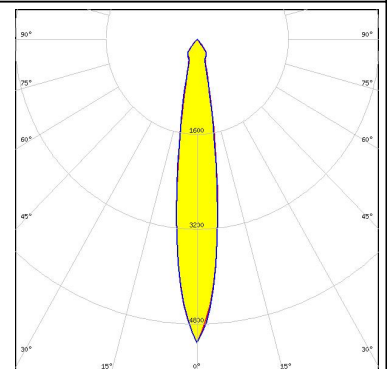
TRIDONIC

LED SLE G6 LES19 H
FWHM 13.0°
Efficiency 90 %
Peak intensity 7.140 cd/lm
Required components:



TRIDONIC

LED SLE G6 LES23 H
FWHM 16.0°
Efficiency 89 %
Peak intensity 5.120 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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