



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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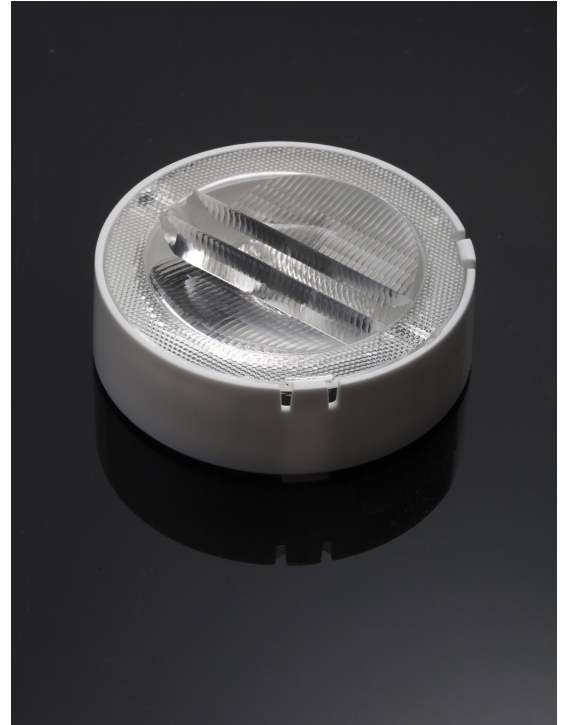


RONDA-ZT45-C

Double asymmetric beam for wall washing and supermarket applications with holder C compatible with LEDiL HEKLA

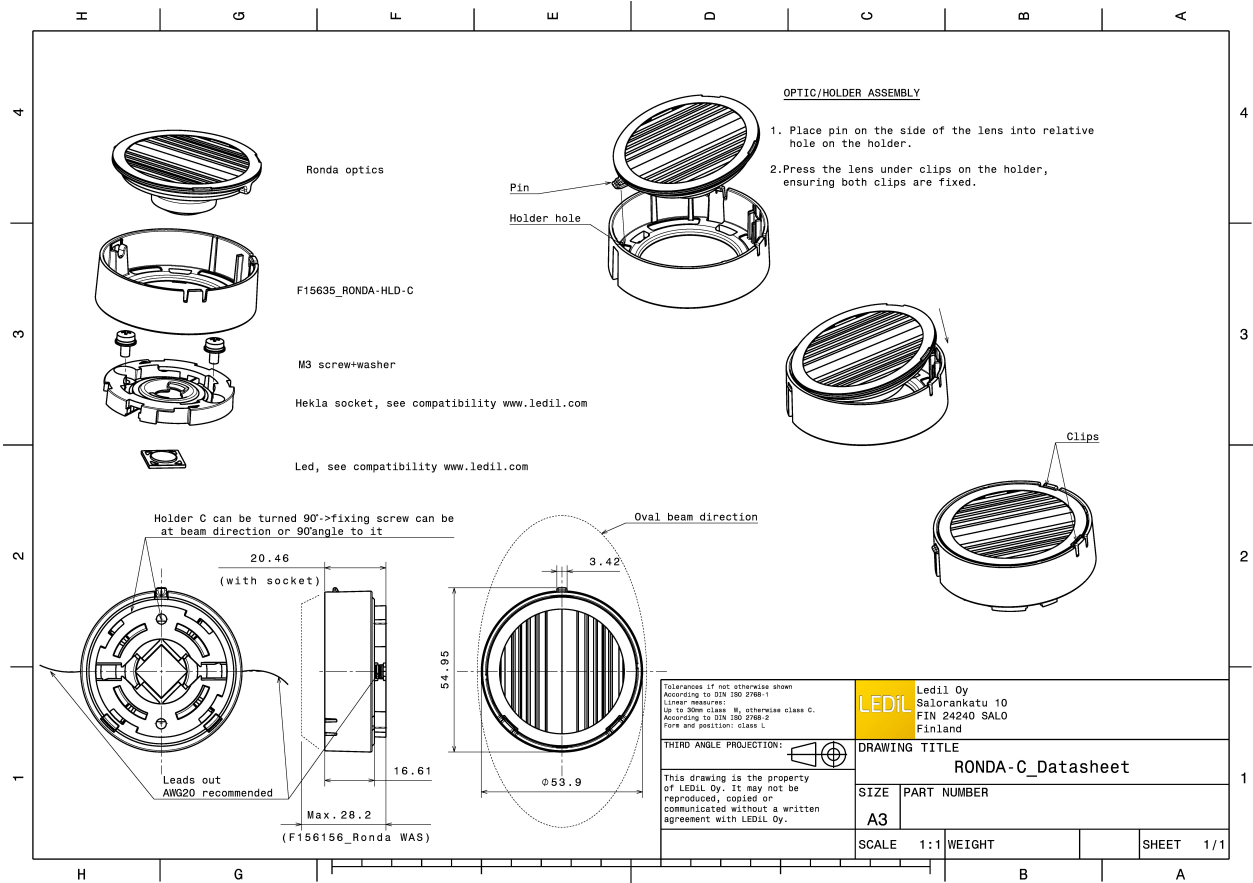
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	16.6 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ


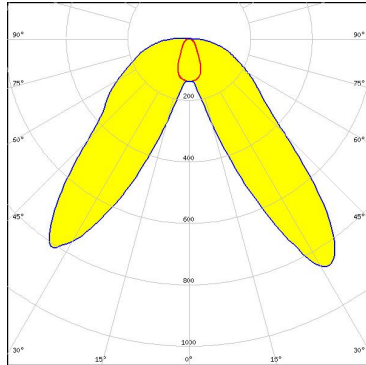

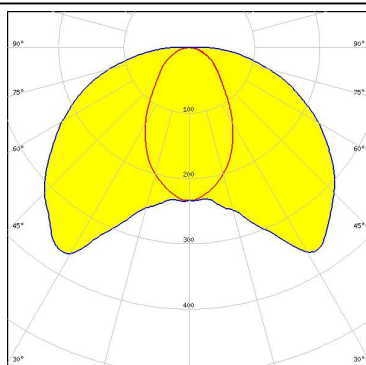
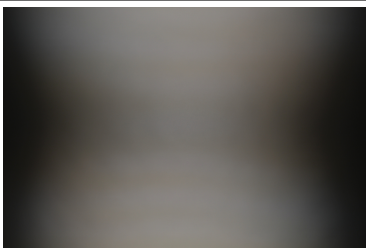
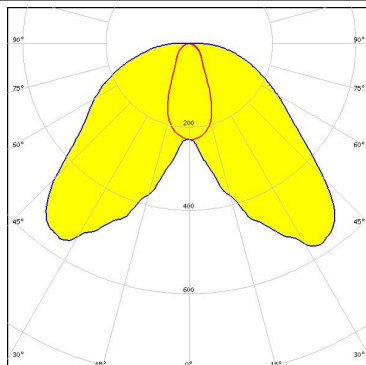

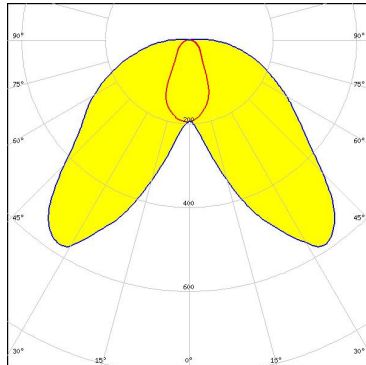


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-ZT45	Lens	PMMA	clear
RONDA-HLD-C	Holder	PC	clear



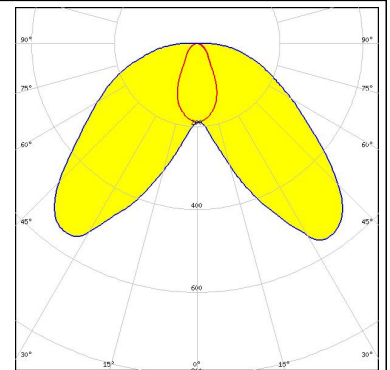
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.870 cd/lm</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM Asymmetric</p> <p>Efficiency 80 %</p> <p>Peak intensity 0.370 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM Asymmetric</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.580 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.590 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		

PHOTOMETRIC DATA (MEASURED):

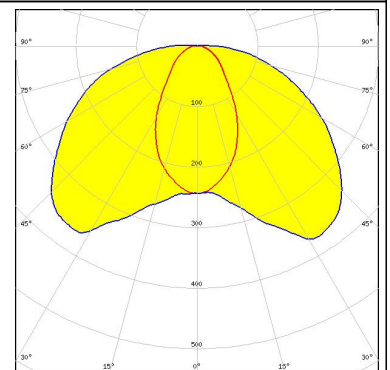
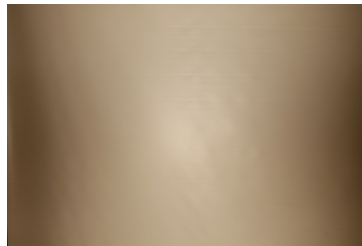
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.570 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



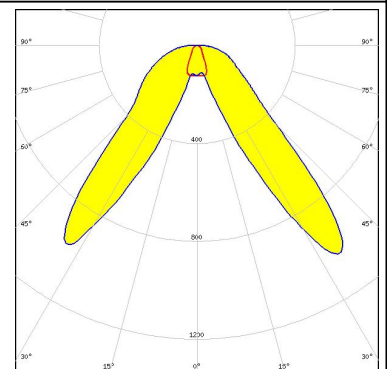
CITIZEN

LED CLL03x/CLU03x
 FWHM Asymmetric
 Efficiency 82 %
 Peak intensity 0.370 cd/lm
 Required components:
 F15859_HEKLA-SOCKET-I



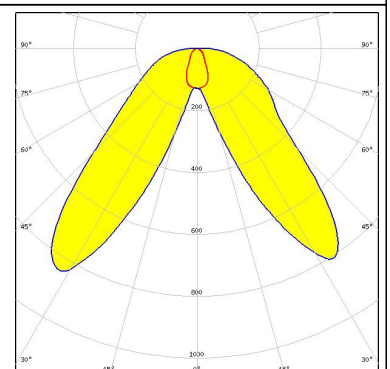
CITIZEN

LED CLU LES 4.2mm (HI-Ver.3)
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.000 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



CITIZEN

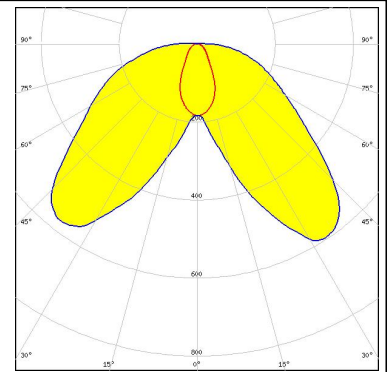
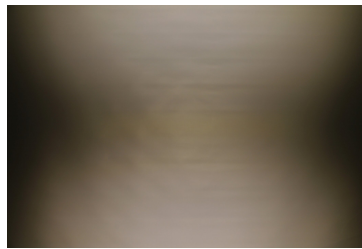
LED CLU700/701
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.840 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



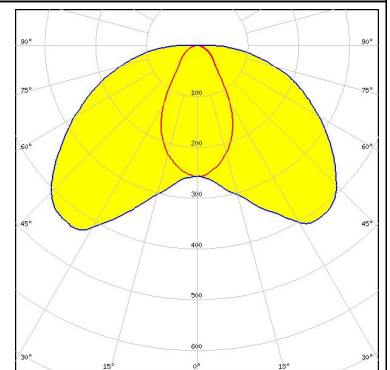
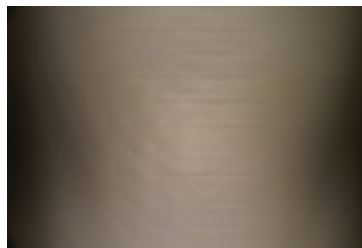
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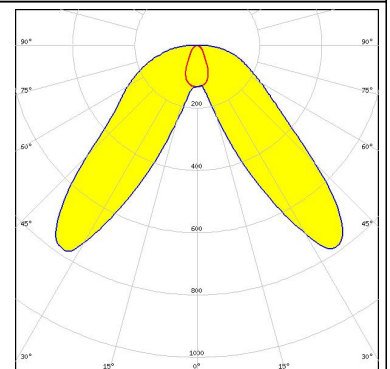
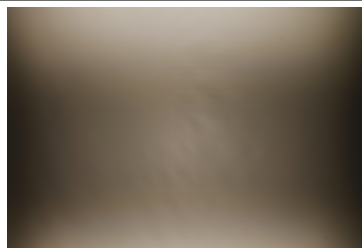
LED CMA1516
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 0.600 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



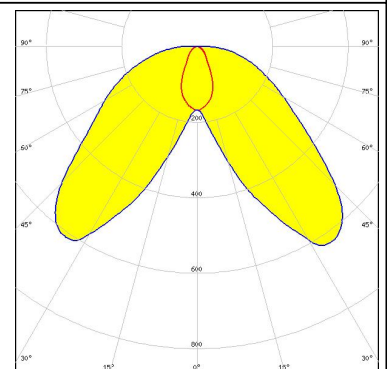
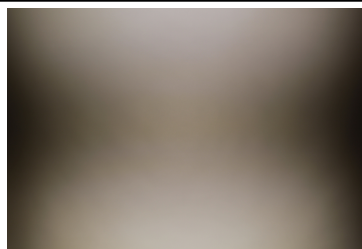
LED CMA1825
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.430 cd/lm
 Required components:
 F15254_HEKLA-SOCKET-B



LED CXA/B 13xx
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.800 cd/lm
 Required components:
 F15956_HEKLA-SOCKET-J



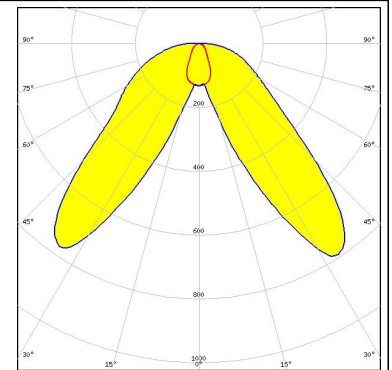
LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.630 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



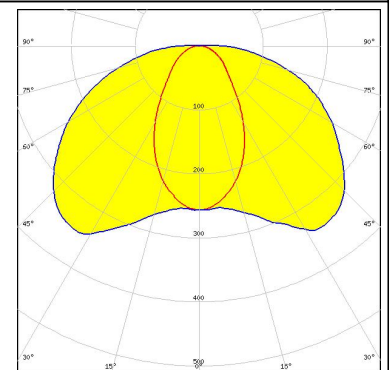
PHOTOMETRIC DATA (MEASURED):



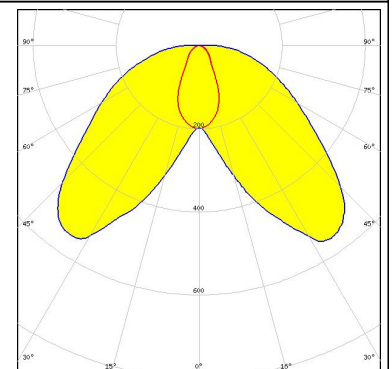
LED LUXEON CoB 1202s
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.790 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



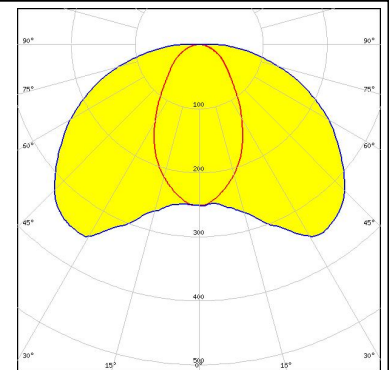
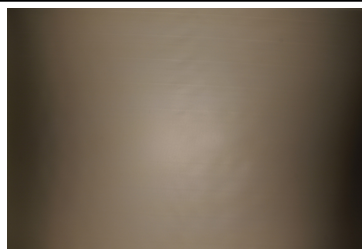
LED CXM-14
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.350 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



LED CXM-9
FWHM Asymmetric
Efficiency 88 %
Peak intensity 0.560 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



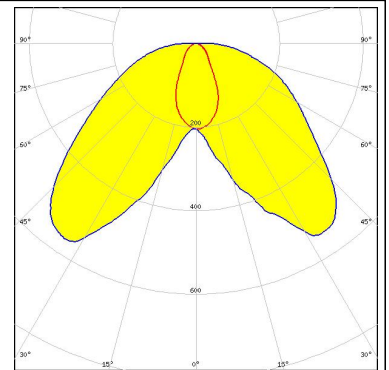
LED COB D Series LES 14.5 mm
FWHM Asymmetric
Efficiency 82 %
Peak intensity 0.350 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (MEASURED):

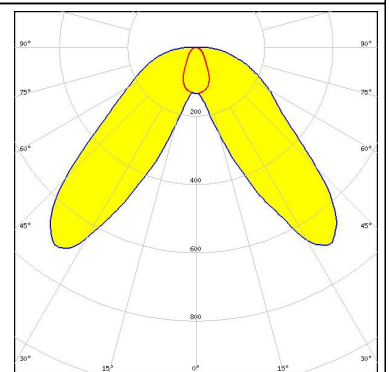
SAMSUNG

LED COB D Series LES 9.8 mm
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.560 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



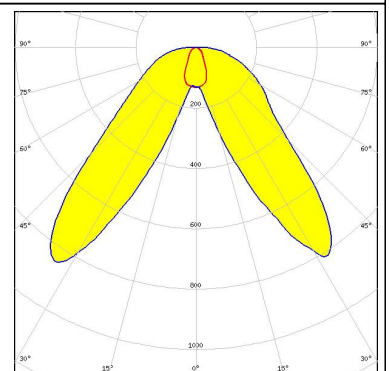
SAMSUNG

LED LC010C
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.710 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



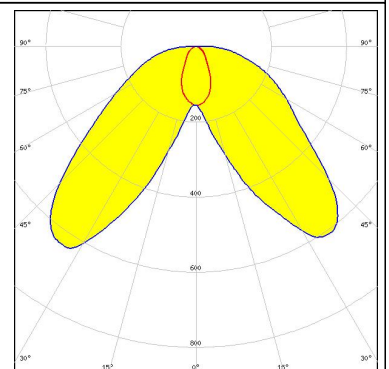
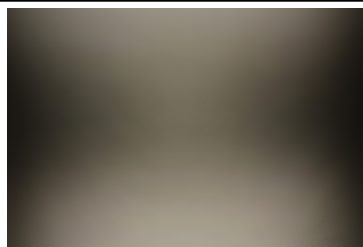
SAMSUNG

LED LC010C G2
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.850 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



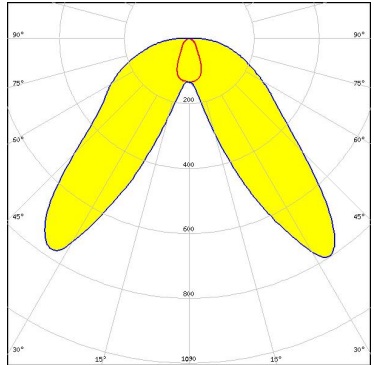


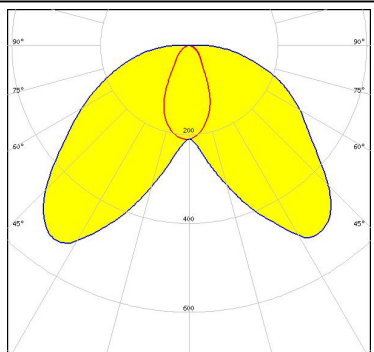
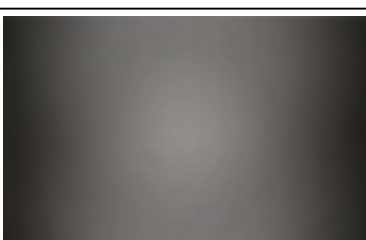
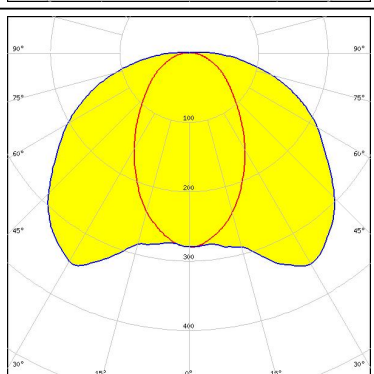


SAMSUNG

LED LC020C
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.640 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



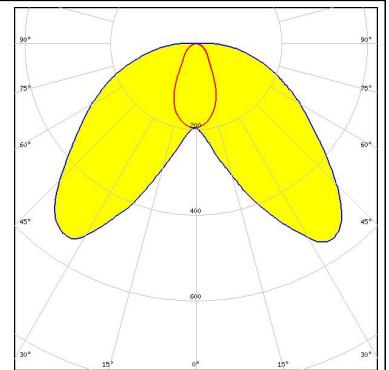
PHOTOMETRIC DATA (MEASURED):

<p> <small>SEOUL SEMICONDUCTOR</small></p> <p>LED MJT COB LES 6 FWHM Asymmetric Efficiency 88 % Peak intensity 0.800 cd/lm Required components: F15255_HEKLA-SOCKET-C</p>		
<p> <small>SEOUL SEMICONDUCTOR</small></p> <p>LED MJT COB LES 9.8 FWHM Asymmetric Efficiency 87 % Peak intensity 0.540 cd/lm Required components: F15255_HEKLA-SOCKET-C</p>		
<p>XICATO</p> <p>LED XTM - 19mm LES FWHM Asymmetric Efficiency 83 % Peak intensity 0.350 cd/lm Required components: C16058_XTM-ADAPTER-50-C</p>		

PHOTOMETRIC DATA (SIMULATED):

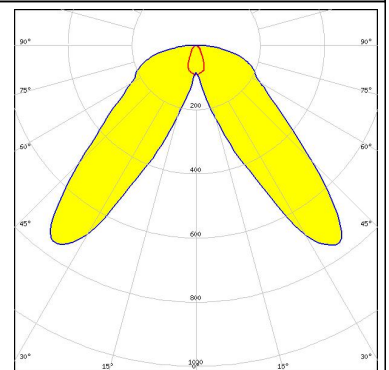
bridgelux

LED VERO10
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:
F15616_HEKLA-SOCKET-F



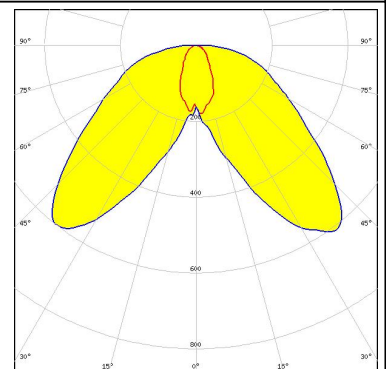
NICHIA

LED COB T-Type
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.760 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



TRIDONIC

LED SLE G6 LES10
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.610 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



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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