



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MIRELLA-G2-M

~25° wide beam. Compatible with LEDiL HEKLA.

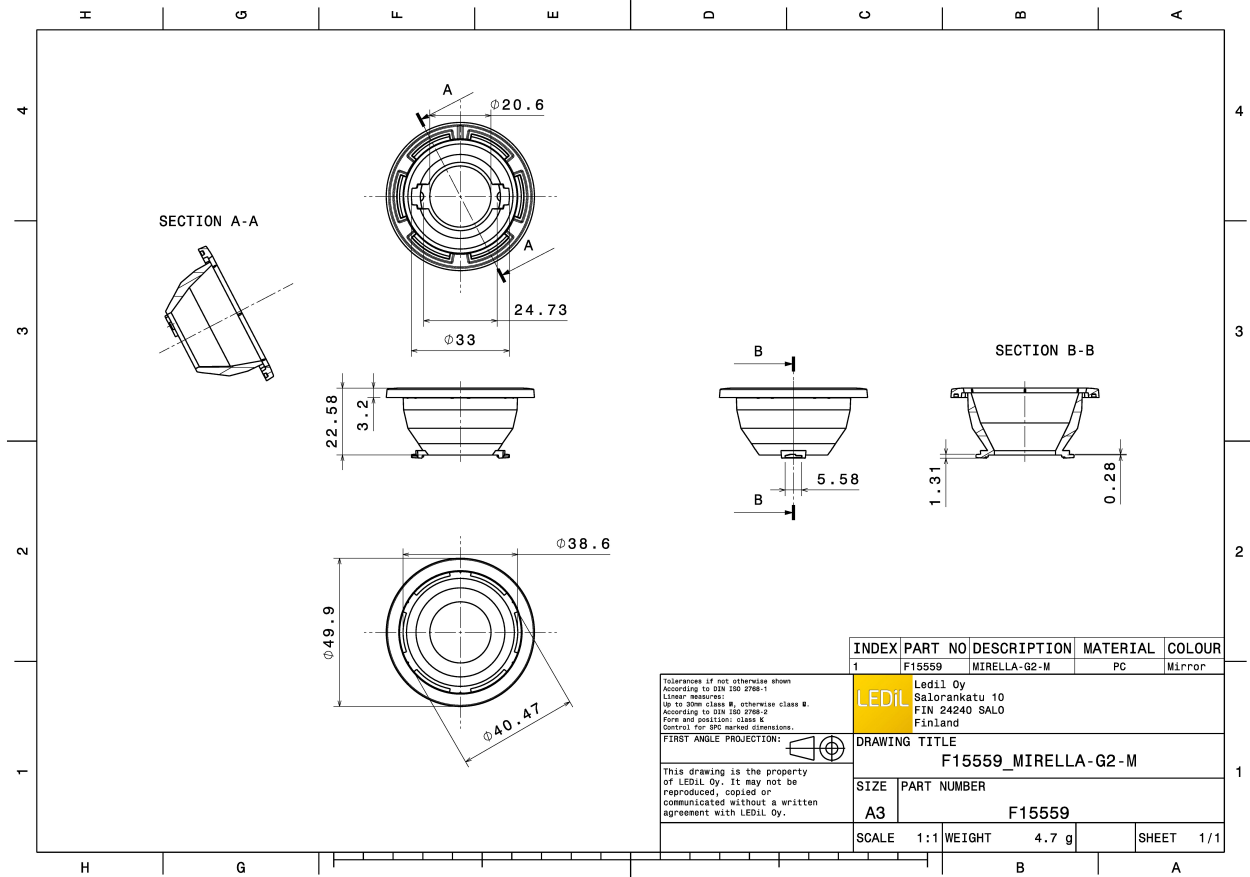
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	22.6 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	5.4 kg
Quantity in Box	336 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
MIRELLA-G2-M	Reflector	PC	metal	



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15559	MIRELLA-G2-M	PC	Mirror


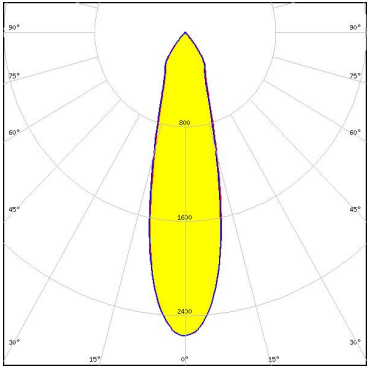
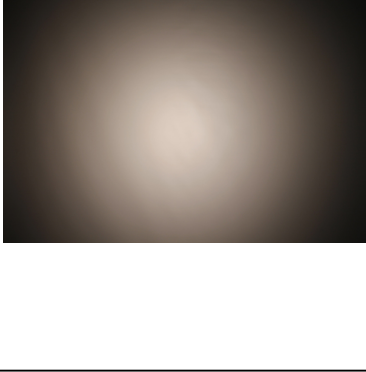
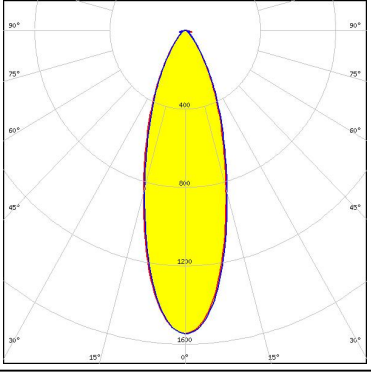
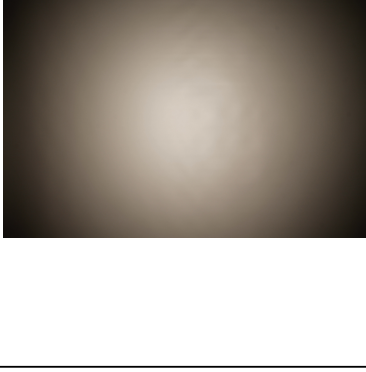
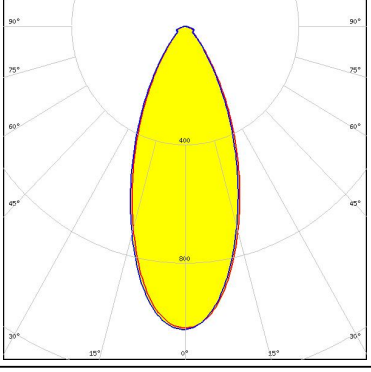
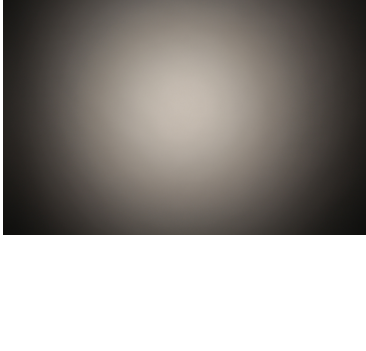
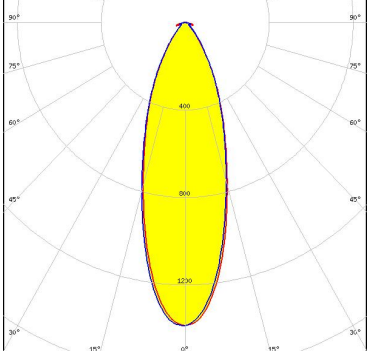
Tolerances if not otherwise shown according to DIN ISO 2768-1
 Linear measures: up to 30mm class M, otherwise class K
 according to DIN ISO 2768-2
 Form and position: class M
 Control for SPC marked dimensions:

FIRST ANGLE PROJECTION:

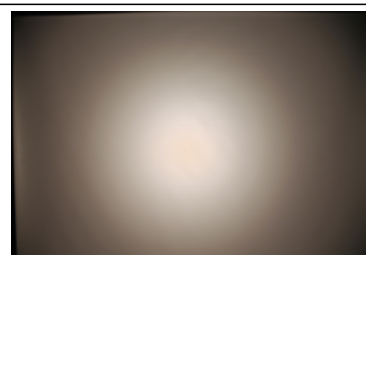
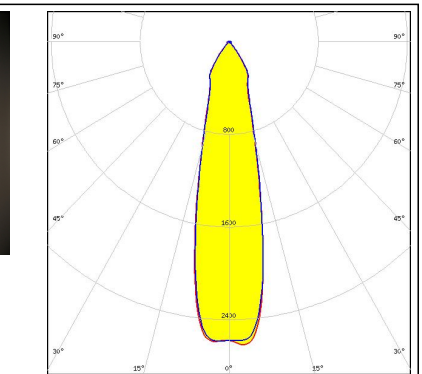

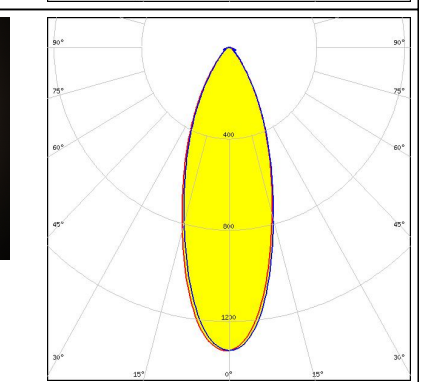

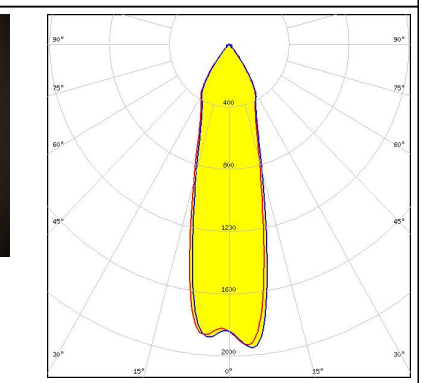

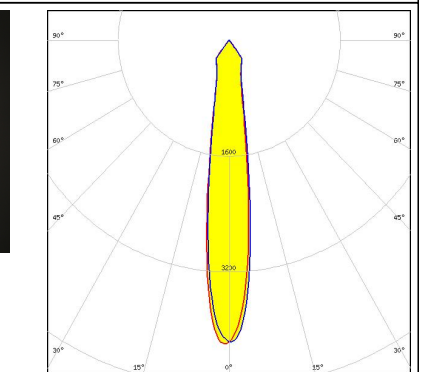
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

DRAWING TITLE					
F15559_MIRELLA-G2-M					
SIZE	PART NUMBER				
A3	F15559				
SCALE	1:1	WEIGHT	4.7 g	SHEET	1/1

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 27.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 9mm (6W/12W)</p> <p>FWHM 33.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 490 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 13mm (25W)</p> <p>FWHM 43.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 492 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 33.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 489 Typ L8</p>		

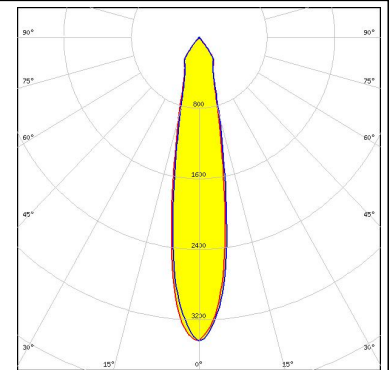
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux</p> <p>LED Vesta TW 9mm (12W) FWHM 25.0° Efficiency 84 % Peak intensity 2.600 cd/lm Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm) FWHM 36.0° Efficiency 74 % Peak intensity 1.300 cd/lm Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 487 Typ L8</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm) FWHM 28.0° Efficiency 80 % Peak intensity 2.000 cd/lm Required components: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLU LES 4.2mm (HI-Ver.3) FWHM 16.0° Efficiency 87 % Peak intensity 4.200 cd/lm Required components: F15255_HEKLA-SOCKET-C</p>		

PHOTOMETRIC DATA (MEASURED):

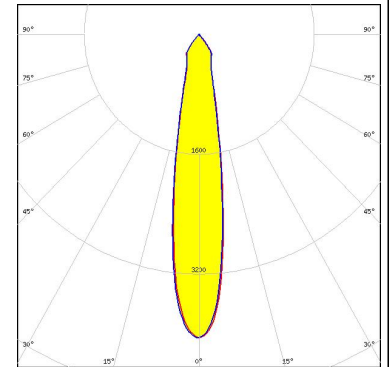
CITIZEN

LED CLU025/CLU027 (LES 6)
 FWHM 20.0°
 Efficiency 87 %
 Peak intensity 3.400 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



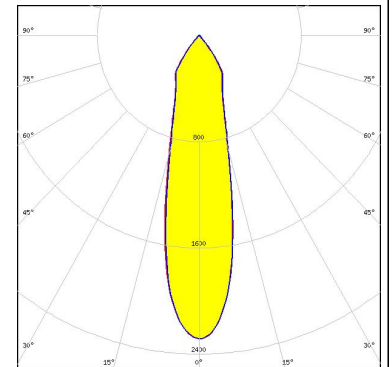
CITIZEN

LED CLU700/701
 FWHM 19.0°
 Efficiency 90 %
 Peak intensity 4.000 cd/lm
 Required components:
 C15743_XTM-ADAPTER-50-B
 LEDiL: F15255_HEKLA-SOCKET-C



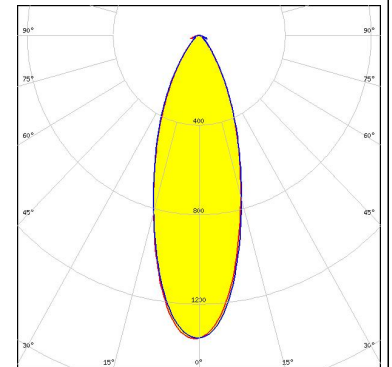
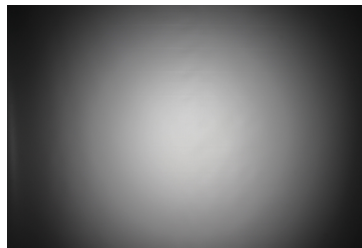
CITIZEN

LED CLU710/711
 FWHM 26.0°
 Efficiency 85 %
 Peak intensity 2.300 cd/lm
 Required components:
 F15859_HEKLA-SOCKET-I



CITIZEN

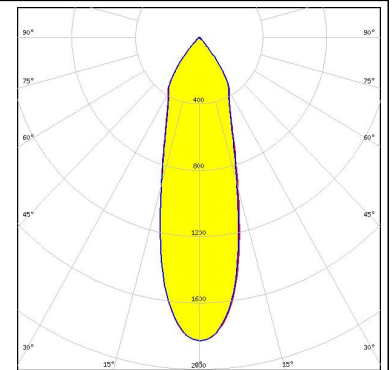
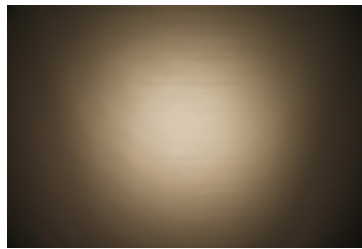
LED LCN-C01B (Tunable White)
 FWHM 35.0°
 Efficiency 75 %
 Peak intensity 1.500 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 481 Typ L8



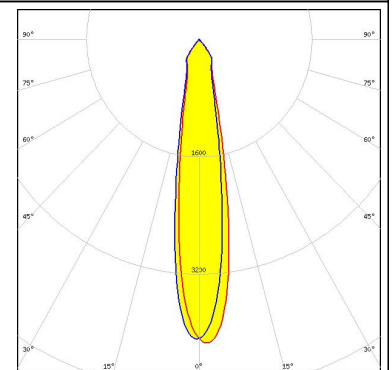
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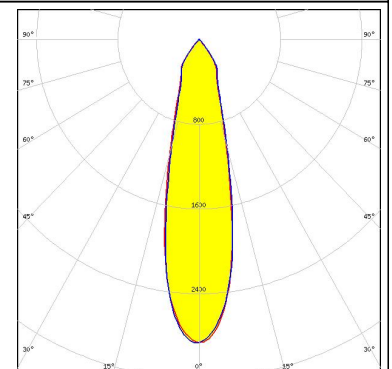
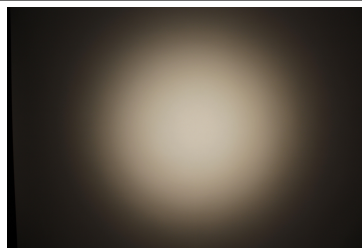
LED CMA1516
 FWHM 30.0°
 Efficiency 85 %
 Peak intensity 1.800 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



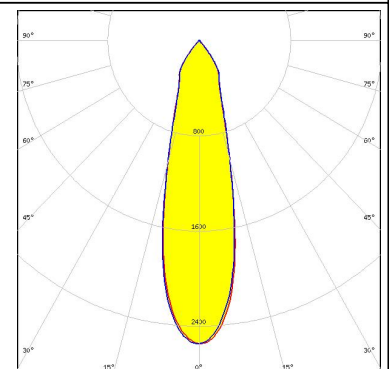
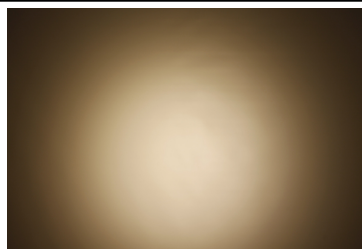
LED CXA/B 13xx
 FWHM 19.0°
 Efficiency 91 %
 Peak intensity 4.100 cd/lm
 Required components:
 F15956_HEKLA-SOCKET-J
 C13333_MIRELLA-CL




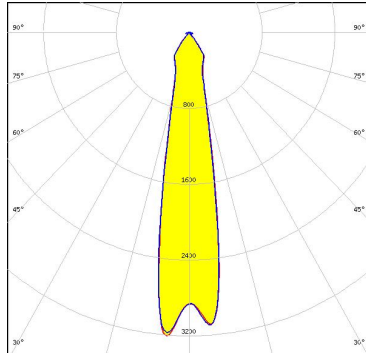
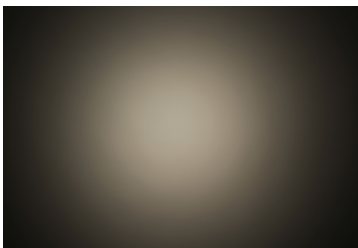
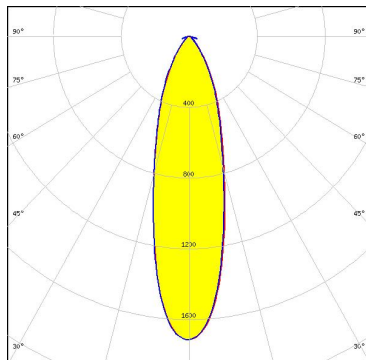
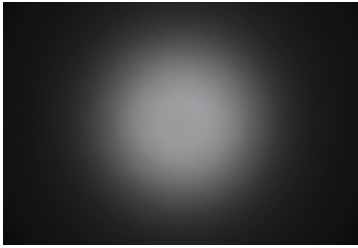
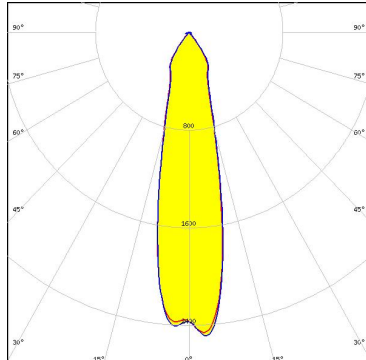
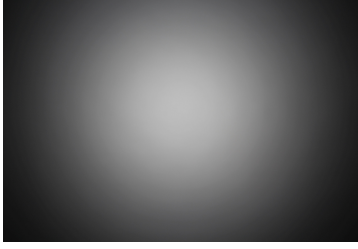
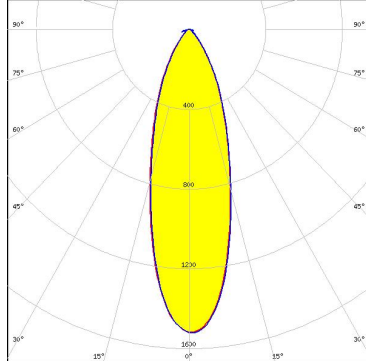
LED CXA/B 15xx
 FWHM 25.0°
 Efficiency 91 %
 Peak intensity 2.900 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



LED LUXEON CoB 1202/1203
 FWHM 27.0°
 Efficiency 89 %
 Peak intensity 2.500 cd/lm
 Required components:
 F15858_HEKLA-SOCKET-H
 C12479_MIRELLA-DL



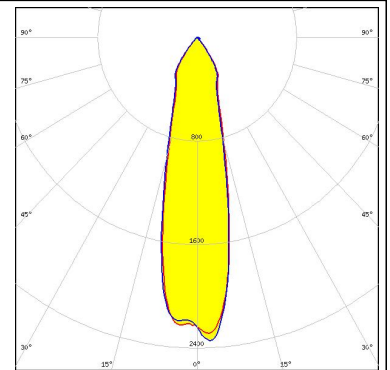
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CDM-6 (Dim-To-Warm)</p> <p>FWHM 20.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.200 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>LUMINUS</p> <p>LED CDM-6 (Dim-To-Warm)</p> <p>FWHM 28.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 1.700 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 490 Typ L8</p>		
<p>LUMINUS</p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM 24.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 2.500 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>LUMINUS</p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM 32.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 490 Typ L8</p>		

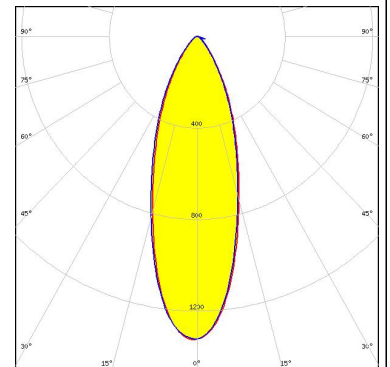
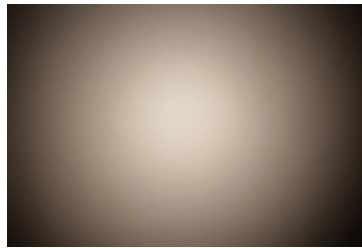
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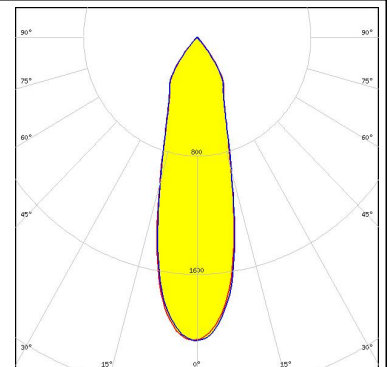
LED CTM-9 (Tunable White)
 FWHM 25.0°
 Efficiency 80 %
 Peak intensity 2.400 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8



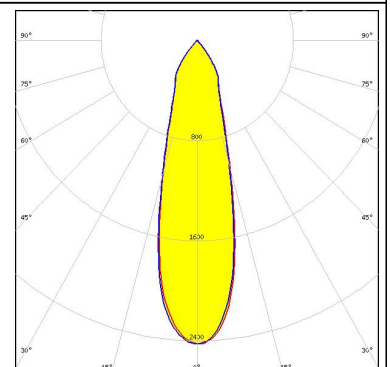
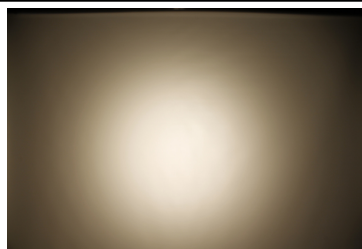
LED CTM-9 (Tunable White)
 FWHM 34.0°
 Efficiency 72 %
 Peak intensity 1.300 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 495 Typ L8



LED CXM-9
 FWHM 29.0°
 Efficiency 87 %
 Peak intensity 2.100 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



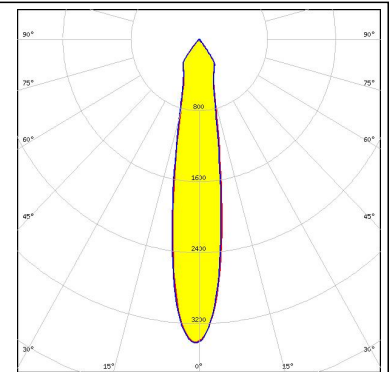
LED Soleriq S9
 FWHM 28.0°
 Efficiency 90 %
 Peak intensity 2.400 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL



PHOTOMETRIC DATA (MEASURED):

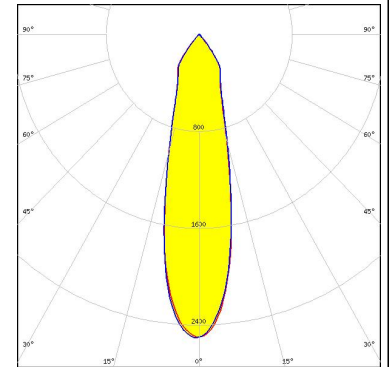
SAMSUNG

LED LC010C G2
FWHM 19.0°
Efficiency 86 %
Peak intensity 3.400 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



SAMSUNG

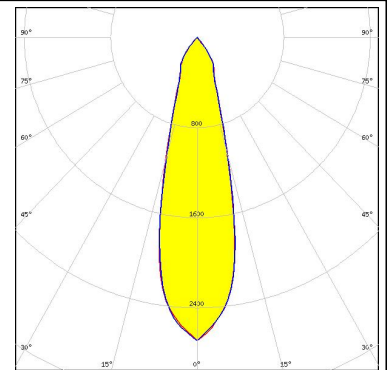
LED LC020C
FWHM 25.0°
Efficiency 88 %
Peak intensity 2.500 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



PHOTOMETRIC DATA (SIMULATED):

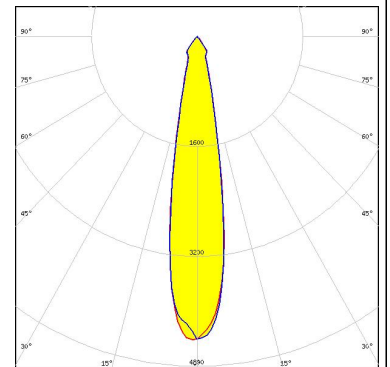
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 27.3°
Efficiency 87 %
Peak intensity 2.700 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



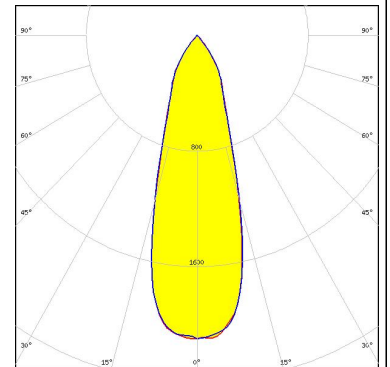
LUMILEDS

LED LUXEON M/MX
FWHM 20.0°
Efficiency 89 %
Peak intensity 4.420 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



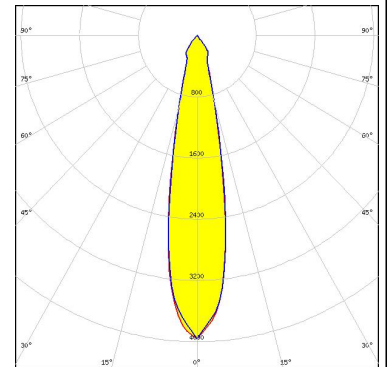
NICHIA

LED COB L-Type (LES 11)
FWHM 32.0°
Efficiency 88 %
Peak intensity 2.130 cd/lm
Required components:
F15858_HEKLA-SOCKET-H



NICHIA

LED COB T-Type
FWHM 21.0°
Efficiency 88 %
Peak intensity 3.970 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES10

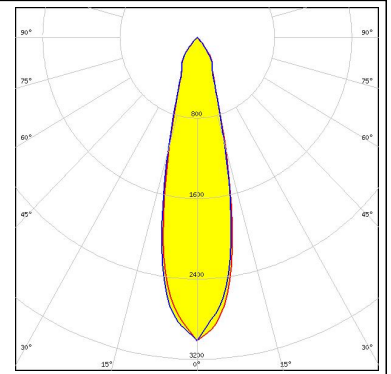
FWHM 26.0°

Efficiency 90 %

Peak intensity 3.000 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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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

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