



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



LENINA-S

~19° spot beam

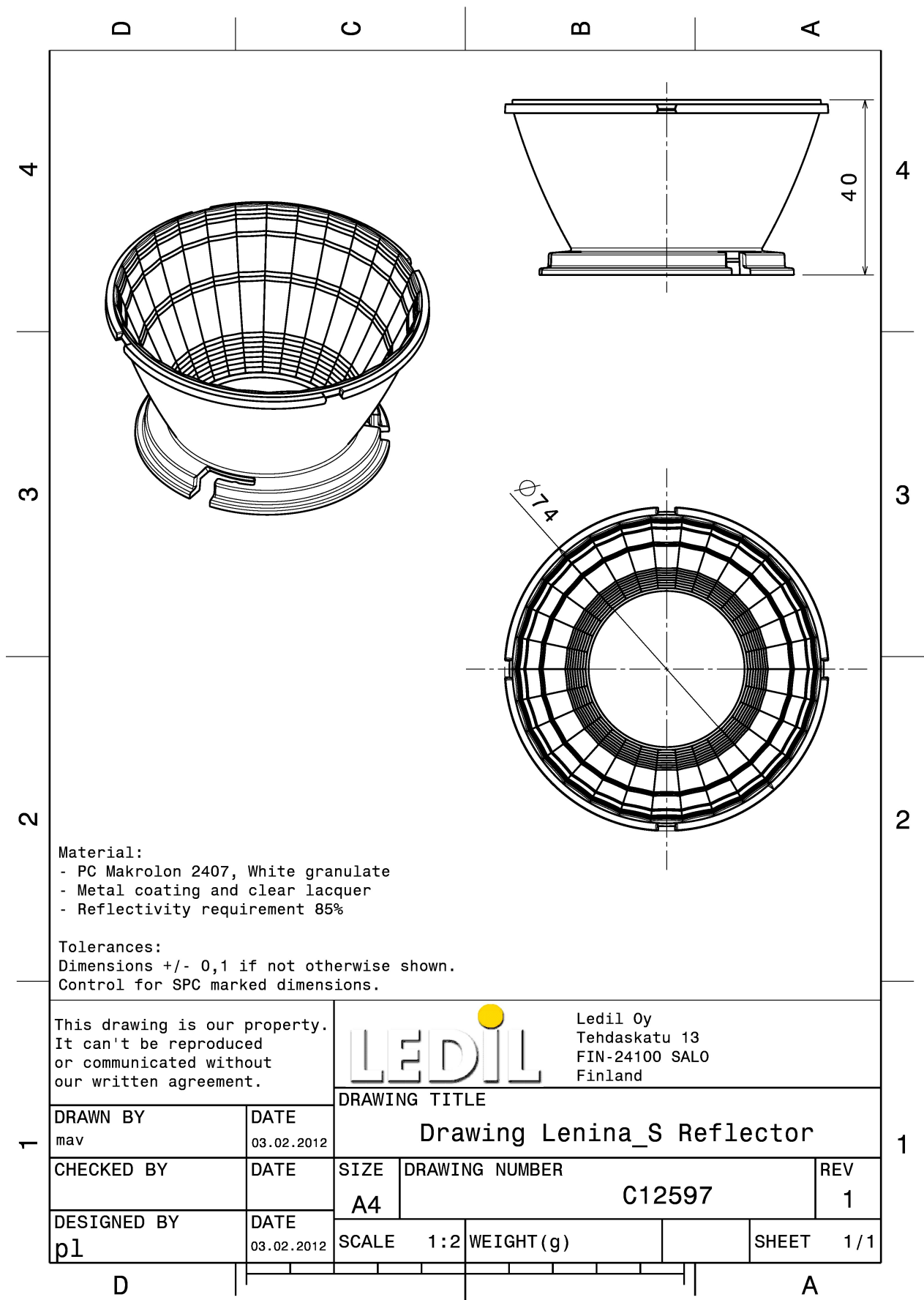
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 74.0 mm
Height	40 mm
Fastening	
Colour	metal
Box size	476 x 273 x 197 mm
Box weight	2 kg
Quantity in Box	60 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
LENINA-S	Reflector	PC	metal	lacquer

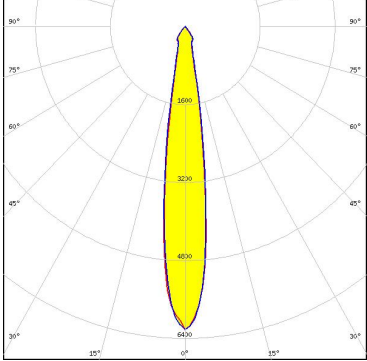
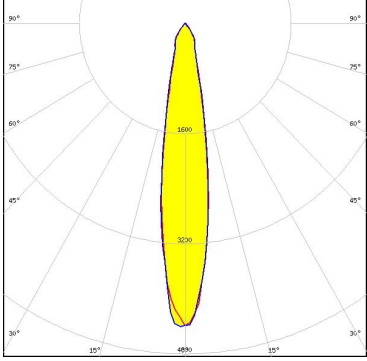
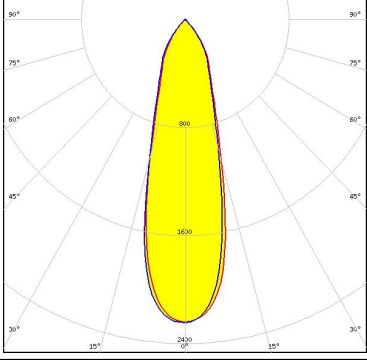
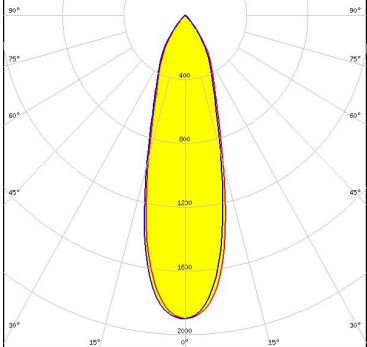


Material:
 - PC Makrolon 2407, White granulate
 - Metal coating and clear lacquer
 - Reflectivity requirement 85%

Tolerances:
 Dimensions +/- 0,1 if not otherwise shown.
 Control for SPC marked dimensions.

This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL		Ledil Oy Tehdaskatu 13 FIN-24100 SALO Finland	
DRAWN BY mav		DATE 03.02.2012		DRAWING TITLE Drawing Lenina_S Reflector	
CHECKED BY		DATE		SIZE A4	DRAWING NUMBER C12597
DESIGNED BY pl		DATE 03.02.2012		SCALE 1:2	WEIGHT (g)
				SHEET	1/1

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED BXRA ES Rectangle</p> <p>FWHM 15.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity cd/lm</p> <p>Required components: C12153_LENINA-STD-BASE-BXRA</p>	
<p>bridgelux.</p> <p>LED BXRA ES Rectangle</p> <p>FWHM 20.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity cd/lm</p> <p>Required components: C12153_LENINA-STD-BASE-BXRA C12606_LENINA-DL</p>	
<p>bridgelux.</p> <p>LED BXRA RS</p> <p>FWHM 28.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.292 cd/lm</p> <p>Required components: C12229_LENINA-STD-BASE-RS</p>	
<p>bridgelux.</p> <p>LED BXRA RS</p> <p>FWHM 32.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 2.000 cd/lm</p> <p>Required components: C12229_LENINA-STD-BASE-RS C12606_LENINA-DL</p>	

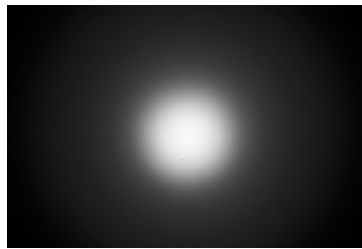
PHOTOMETRIC DATA (MEASURED):

bridgelux.

LED V10 Gen6
FWHM 13.0°
Efficiency 83 %
Peak intensity 7.200 cd/lm

Required components:

C13186_LENINA-STD-BASE-CXA15
C12606_LENINA-DL

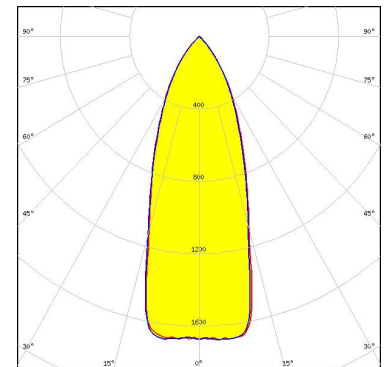
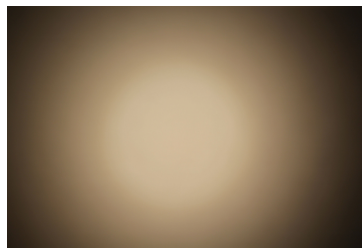


bridgelux.

LED Vero SE 29
FWHM 38.0°
Efficiency 92 %
Peak intensity 1.700 cd/lm

Required components:

C15083_LENINA-STD-BASE-VERO29

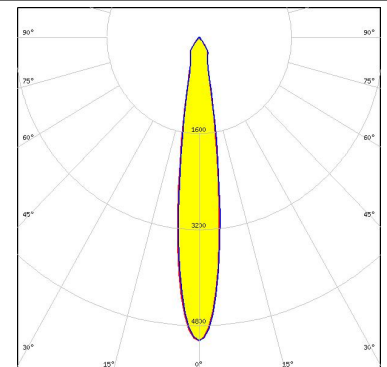
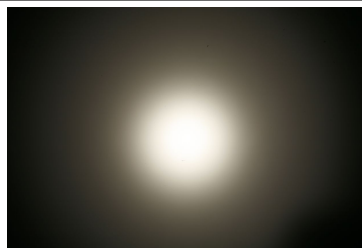


bridgelux.

LED VERO13
FWHM 16.0°
Efficiency 86 %
Peak intensity 5.050 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18
C12606_LENINA-DL

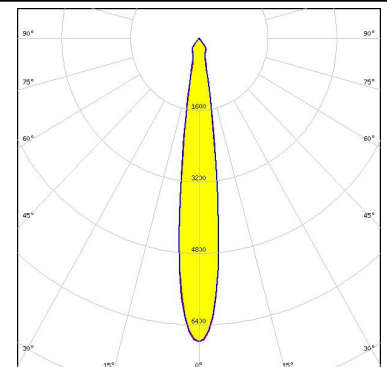


bridgelux.


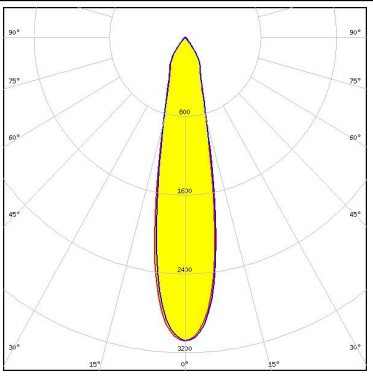

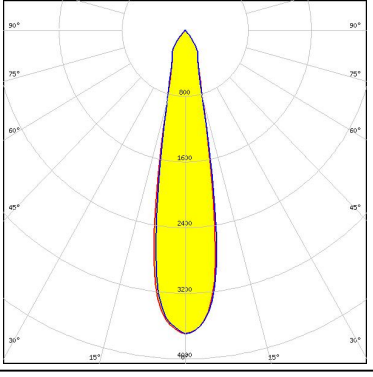
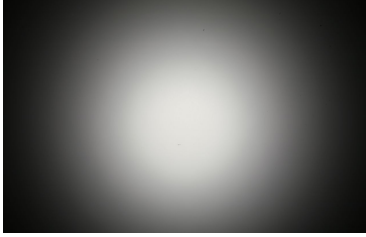
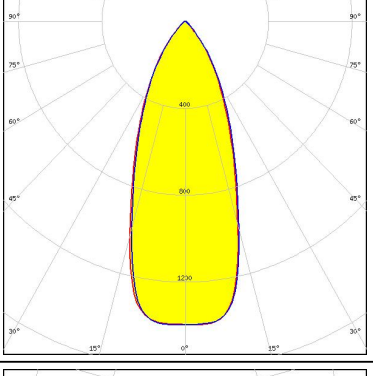

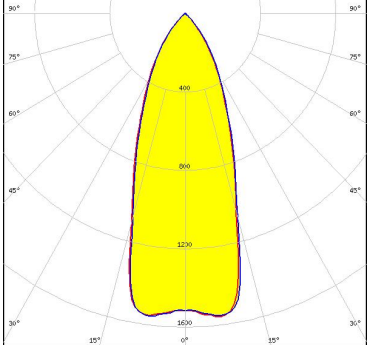
LED VERO13
FWHM 15.0°
Efficiency 91 %
Peak intensity 6.780 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 22.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.060 cd/lm</p> <p>Required components:</p> <p>C13868_LENINA-STD-BASE-VERO13-18</p> <p>C12606_LENINA-DL</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 21.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.700 cd/lm</p> <p>Required components:</p> <p>C13868_LENINA-STD-BASE-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO29</p> <p>FWHM 40.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components:</p> <p>C13867_LENINA-STD-BASE-VERO29</p> <p>C12606_LENINA-DL</p>		
<p>bridgelux.</p> <p>LED VERO29</p> <p>FWHM 40.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.560 cd/lm</p> <p>Required components:</p> <p>C13867_LENINA-STD-BASE-VERO29</p>		

PHOTOMETRIC DATA (MEASURED):

CITIZEN

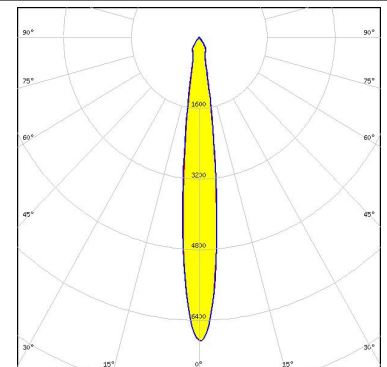
LED CL-L340
FWHM 17.0°
Efficiency 88 %
Peak intensity cd/lm
Required components:
C11995_LENINA-STD-BASE-CL340

CITIZEN

LED CL-L340
FWHM 22.0°
Efficiency 80 %
Peak intensity cd/lm
Required components:
C11995_LENINA-STD-BASE-CL340
C12606_LENINA-DL

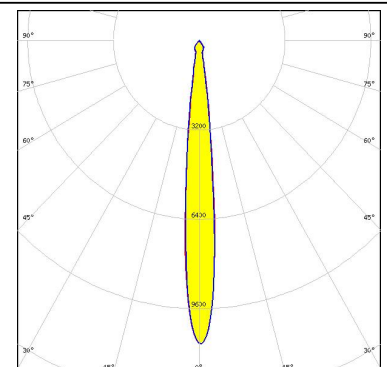
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 13.0°
Efficiency 86 %
Peak intensity 6.900 cd/lm
Required components:
C13868_LENINA-STD-BASE-VERO13-18
C12606_LENINA-DL
Bender Wirth: 434 Typ L1



CITIZEN

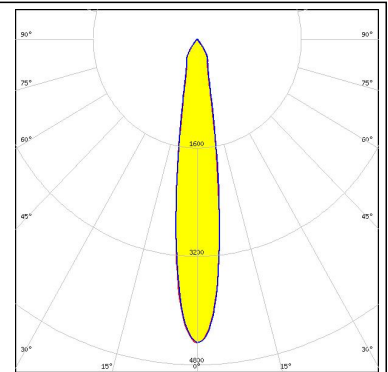
LED CLL02x/CLU02x (LES10)
FWHM 11.0°
Efficiency 91 %
Peak intensity 10.900 cd/lm
Required components:
C13868_LENINA-STD-BASE-VERO13-18
Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

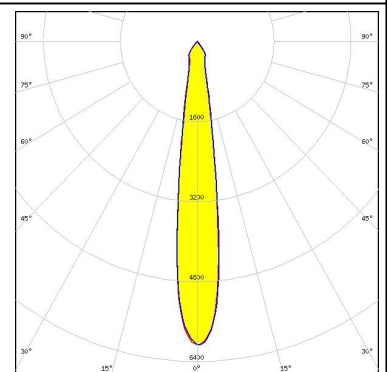
CITIZEN

LED CLL03x/CLU03x
FWHM 17.0°
Efficiency 87 %
Peak intensity 4.500 cd/lm
Required components:
C12691_LENINA-STD-BASE-CLL030
C12606_LENINA-DL



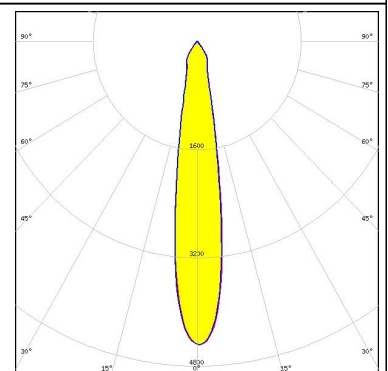
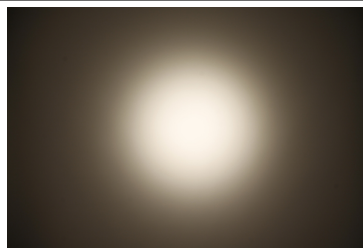
CITIZEN

LED CLL03x/CLU03x
FWHM 15.0°
Efficiency 91 %
Peak intensity 6.100 cd/lm
Required components:
C12691_LENINA-STD-BASE-CLL030



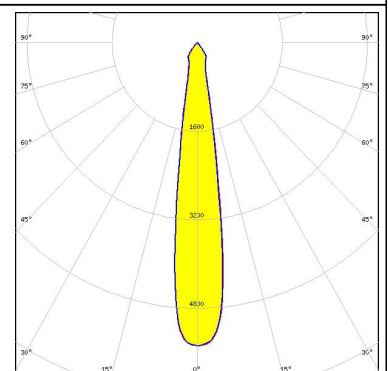
CITIZEN

LED CLL03x/CLU03x
FWHM 17.0°
Efficiency 87 %
Peak intensity 4.500 cd/lm
Required components:
C13868_LENINA-STD-BASE-VERO13-18
C12606_LENINA-DL
Bender Wirth: 433 Typ L1



CITIZEN

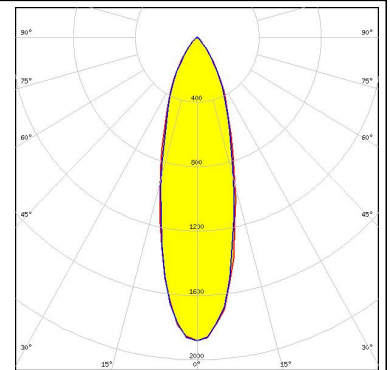
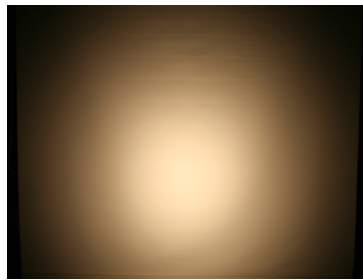
LED CLL03x/CLU03x
FWHM 17.0°
Efficiency 91 %
Peak intensity 5.500 cd/lm
Required components:
C13868_LENINA-STD-BASE-VERO13-18
Bender Wirth: 433 Typ L1



PHOTOMETRIC DATA (MEASURED):

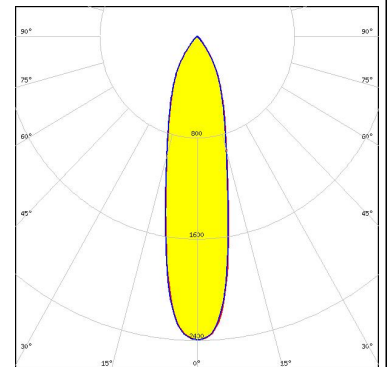
CITIZEN

LED CLL04x/CLU04x
FWHM 30.0°
Efficiency 78 %
Peak intensity 1.900 cd/lm
Required components:
C12692_LENINA-STD-BASE-CLL040
C12606_LENINA-DL



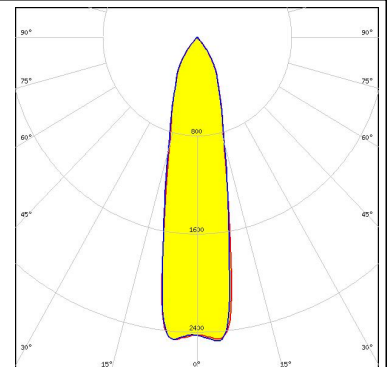
CITIZEN

LED CLL04x/CLU04x
FWHM 25.0°
Efficiency 87 %
Peak intensity 2.400 cd/lm
Required components:
C12606_LENINA-DL
IDEAL: 50-2204CT + 50-2100LN



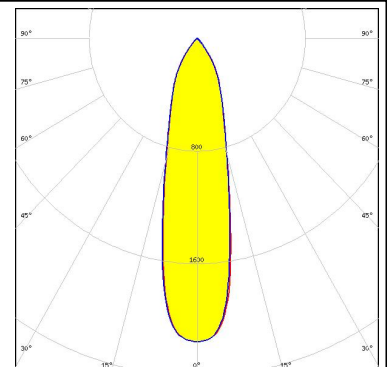
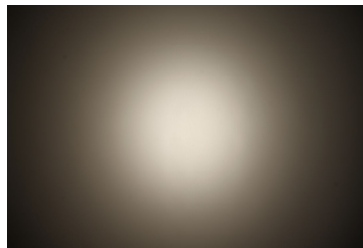
CITIZEN

LED CLL04x/CLU04x
FWHM 24.0°
Efficiency 83 %
Peak intensity 2.500 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2 + S-8000/12



CITIZEN

LED CLL04x/CLU04x
FWHM 26.0°
Efficiency 79 %
Peak intensity 2.200 cd/lm
Required components:
C12606_LENINA-DL
A.A.G. STUCCHI: 8102/G2 + S-8000/12



PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL04x/CLU04x

FWHM 26.0°

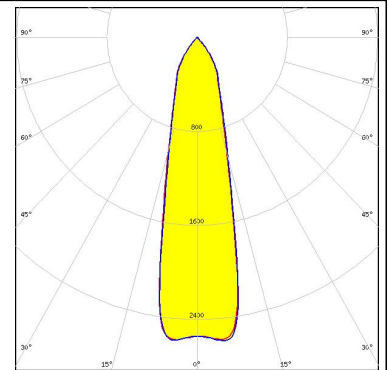
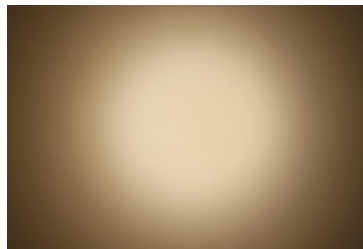
Efficiency 91 %

Peak intensity 2.600 cd/lm

Required components:

C13867_LENINA-STD-BASE-VERO29

Bender Wirth: 431 Typ L3



CITIZEN

LED CLL04x/CLU04x

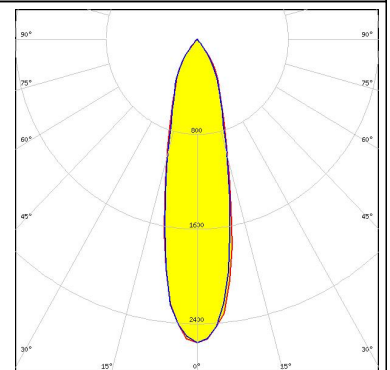
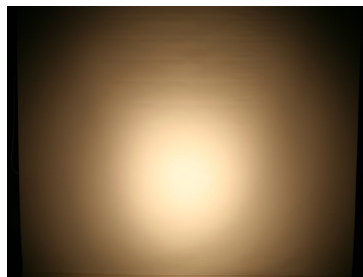
FWHM 26.0°

Efficiency 86 %

Peak intensity 2.600 cd/lm

Required components:

C12692_LENINA-STD-BASE-CLL040



CITIZEN

LED CLL04x/CLU04x

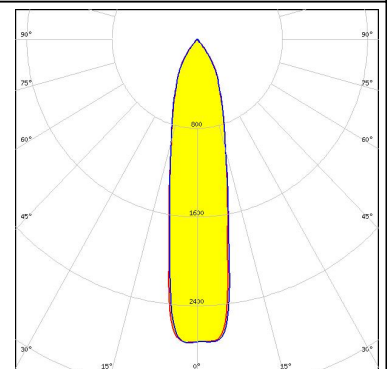
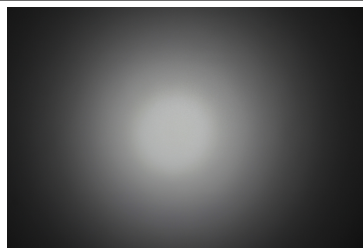
FWHM 23.0°

Efficiency 90 %

Peak intensity 2.700 cd/lm

Required components:

IDEAL: 50-2204CT + 50-2100LN



CITIZEN

LED CLL04x/CLU04x

FWHM 27.0°

Efficiency 86 %

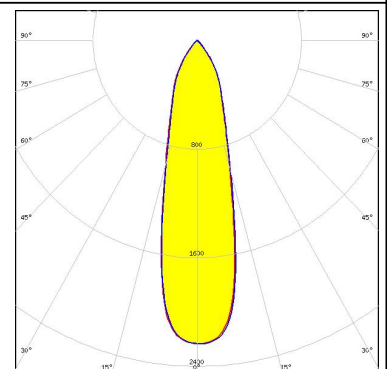
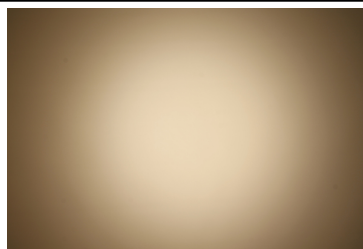
Peak intensity 2.200 cd/lm

Required components:

C13867_LENINA-STD-BASE-VERO29

C12606_LENINA-DL

Bender Wirth: 431 Typ L3



PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLU700/701

FWHM 11.0°

Efficiency 86 %

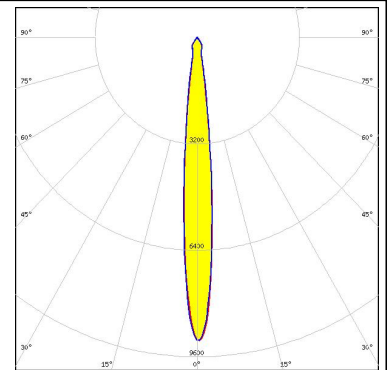
Peak intensity 9.100 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

C12606_LENINA-DL

Bender Wirth: 434 Typ L1



CITIZEN

LED CLU700/701

FWHM 8.0°

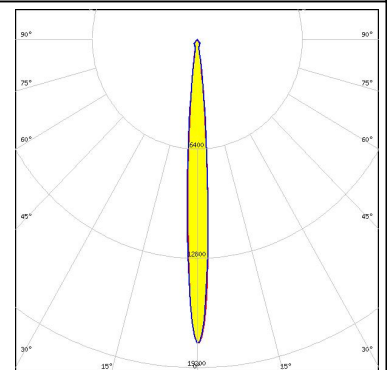
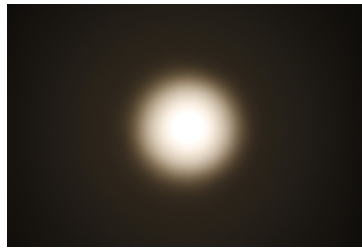
Efficiency 91 %

Peak intensity 17.800 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

Bender Wirth: 434 Typ L1



CITIZEN

LED CLU710/711

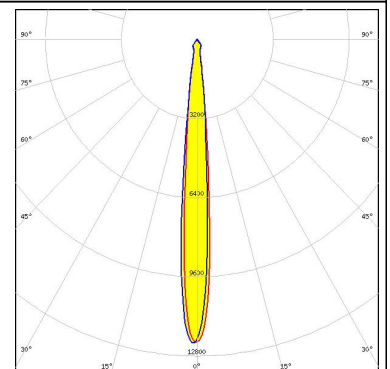
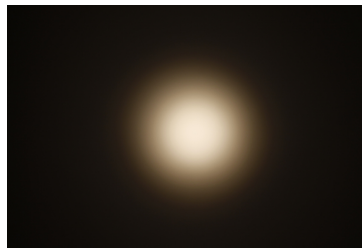
FWHM 10.0°

Efficiency 94 %

Peak intensity 12.300 cd/lm

Required components:

C12691_LENINA-STD-BASE-CLL030



CITIZEN

LED CLU710/711

FWHM 12.0°

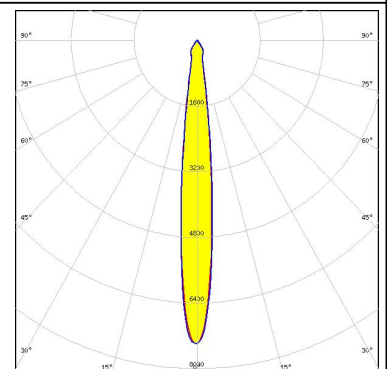
Efficiency 89 %

Peak intensity 7.400 cd/lm

Required components:

C12691_LENINA-STD-BASE-CLL030

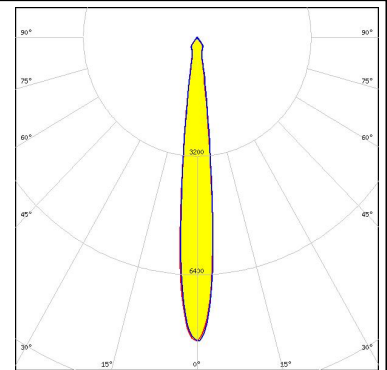
C12606_LENINA-DL



PHOTOMETRIC DATA (MEASURED):

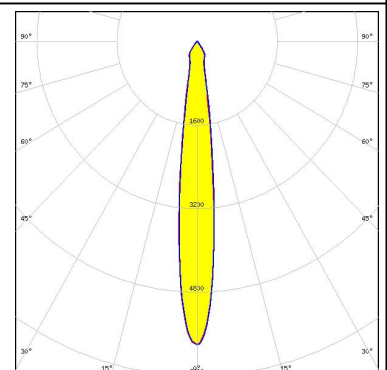
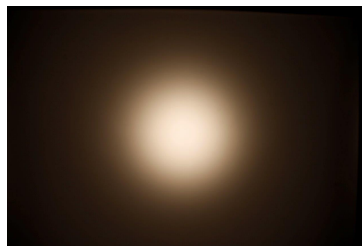
CITIZEN

LED CLU720/721
 FWHM 12.0°
 Efficiency 89 %
 Peak intensity 8.200 cd/lm
 Required components:
 C12691_LENINA-STD-BASE-CLL030



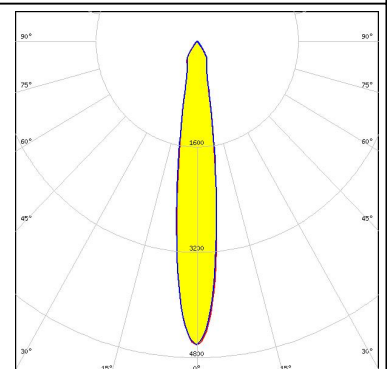
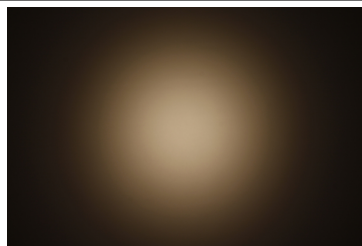
CITIZEN

LED CLU720/721
 FWHM 13.0°
 Efficiency 84 %
 Peak intensity 5.800 cd/lm
 Required components:
 C12691_LENINA-STD-BASE-CLL030
 C12606_LENINA-DL



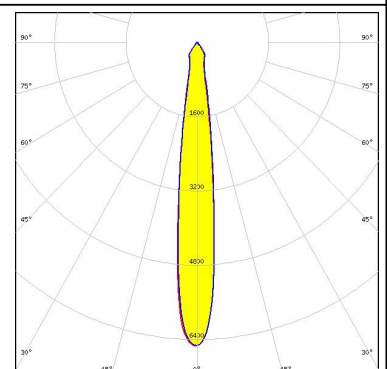
CITIZEN

LED CLU730/731
 FWHM 15.0°
 Efficiency 85 %
 Peak intensity 4.600 cd/lm
 Required components:
 C12692_LENINA-STD-BASE-CLL040
 C12606_LENINA-DL



CITIZEN

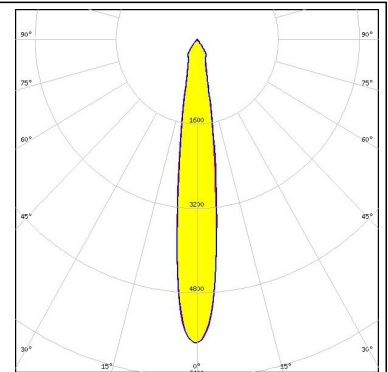
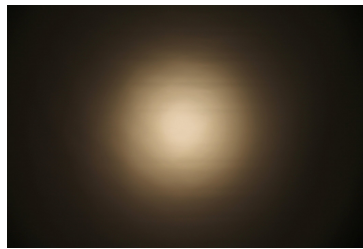
LED CLU730/731
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 6.500 cd/lm
 Required components:
 C12692_LENINA-STD-BASE-CLL040



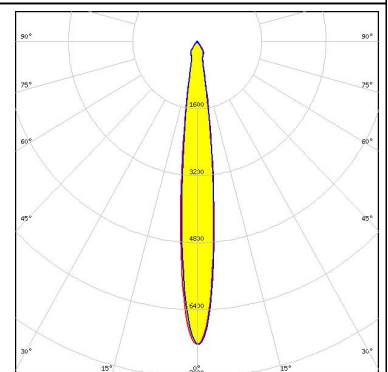
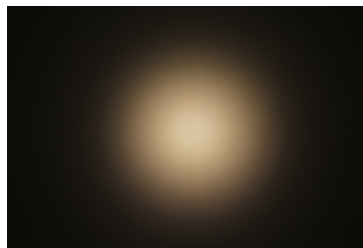
PHOTOMETRIC DATA (MEASURED):



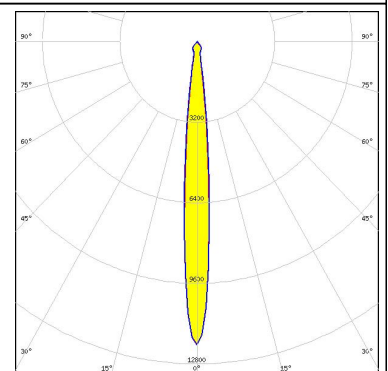
LED CMA1840
 FWHM 15.0°
 Efficiency 92 %
 Peak intensity 5.700 cd/lm
 Required components:
 C14146_LENINA-STD-BASE-CXA18



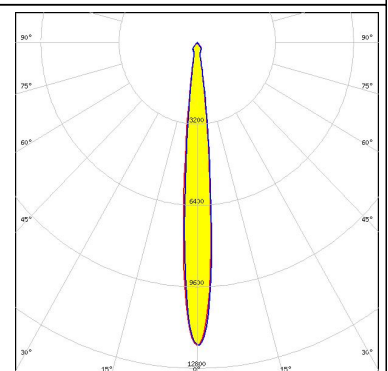
LED CXA/B 15xx
 FWHM 13.0°
 Efficiency 87 %
 Peak intensity 7.200 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 441 Typ L1



LED CXA/B 15xx
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity 12.050 cd/lm
 Required components:
 C13186_LENINA-STD-BASE-CXA15



LED CXA/B 15xx
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity 11.900 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 Bender Wirth: 441 Typ L1



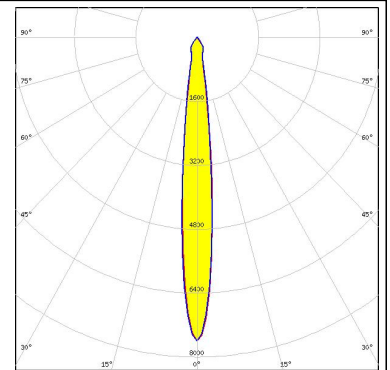
PHOTOMETRIC DATA (MEASURED):



LED CXA/B 15xx
FWHM 12.0°
Efficiency 86 %
Peak intensity 7.600 cd/lm

Required components:

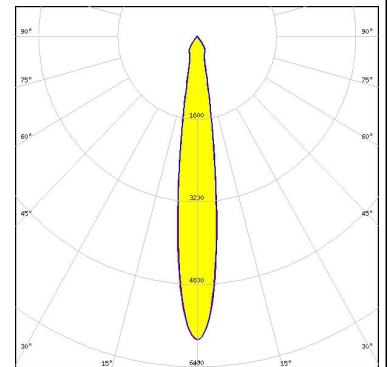
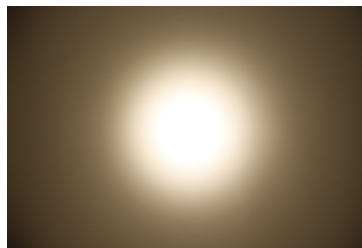
C13186_LENINA-STD-BASE-CXA15
C12606_LENINA-DL



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 15.0°
Efficiency 88 %
Peak intensity 5.900 cd/lm

Required components:

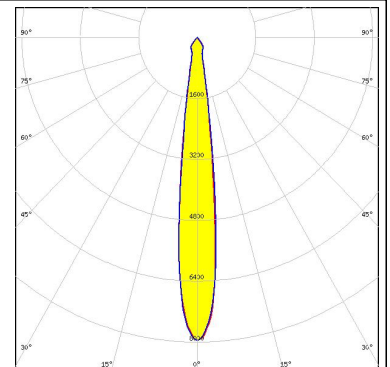
C13868_LENINA-STD-BASE-VERO13-18
C12606_LENINA-DL
Bender Wirth: 437 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 13.0°
Efficiency 92 %
Peak intensity 8.000 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18
Bender Wirth: 437 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 12.0°
Efficiency 92 %
Peak intensity 9.600 cd/lm

Required components:

C14146_LENINA-STD-BASE-CXA18



PHOTOMETRIC DATA (MEASURED):



LED CXA/B 1830

FWHM 16.0°

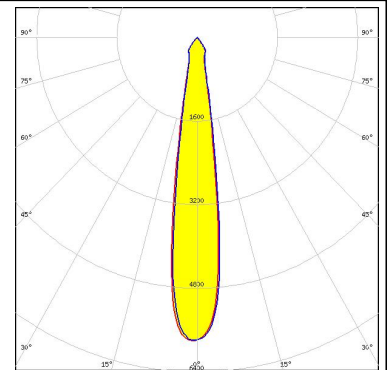
Efficiency 93 %

Peak intensity 5.800 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

Bender Wirth: 437 Typ L1



LED CXA/B 1830

FWHM 18.0°

Efficiency 88 %

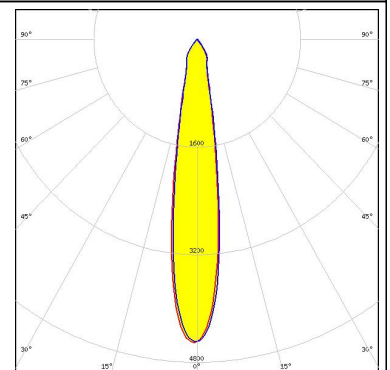
Peak intensity 4.500 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

C12606_LENINA-DL

Bender Wirth: 437 Typ L1



LED CXA/B 25xx

FWHM 23.0°

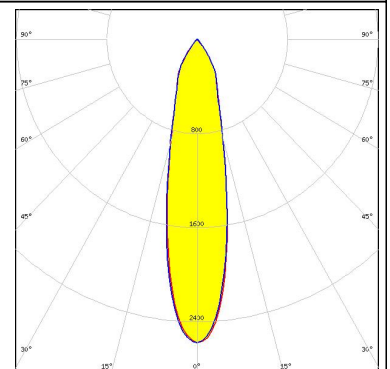
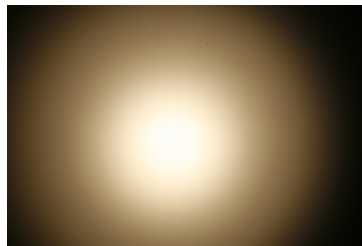
Efficiency 78 %

Peak intensity 2.700 cd/lm

Required components:

C13324_LENINA-STD-BASE-CXA25

C12606_LENINA-DL



LED CXA/B 25xx

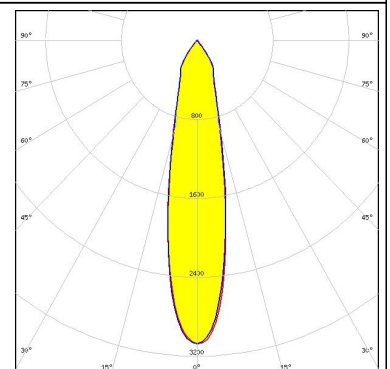
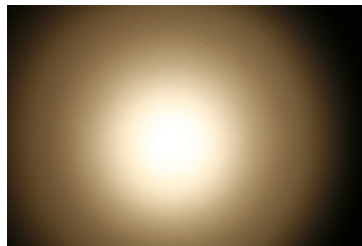
FWHM 22.0°

Efficiency 86 %

Peak intensity 3.200 cd/lm

Required components:

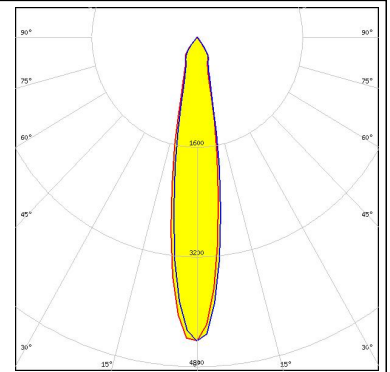
C13324_LENINA-STD-BASE-CXA25



PHOTOMETRIC DATA (MEASURED):

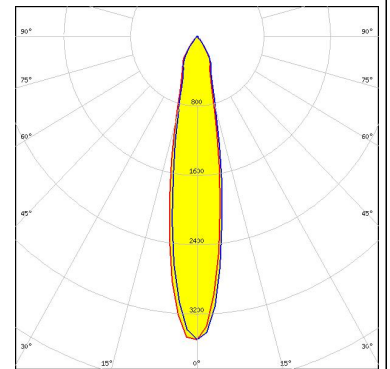
CREE

LED CXA2011
FWHM 16.0°
Efficiency 88 %
Peak intensity 4.400 cd/lm
Required components:
C12105_LENINA-STD-BASE-CXA20



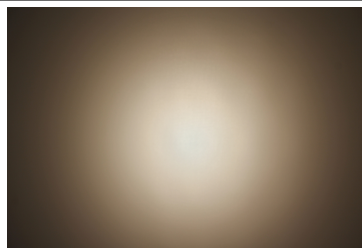
CREE

LED CXA2011
FWHM 20.0°
Efficiency 80 %
Peak intensity 3.500 cd/lm
Required components:
C12105_LENINA-STD-BASE-CXA20
C12606_LENINA-DL



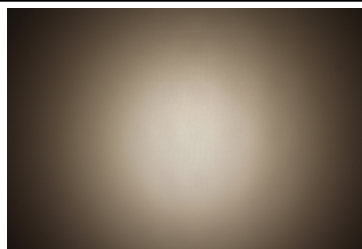
EVERLIGHT

LED CHI3030 19W
FWHM 25.0°
Efficiency 91 %
Peak intensity 2.600 cd/lm
Required components:
C13867_LENINA-STD-BASE-VERO29
C12606_LENINA-DL
Bender Wirth: 468 Typ L3



EVERLIGHT

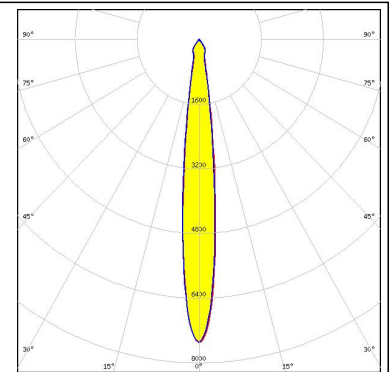
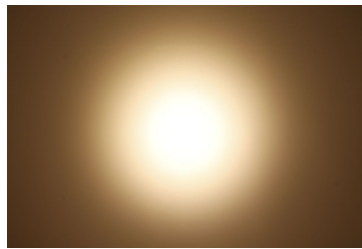
LED CHI3030 29W
FWHM 33.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
Required components:
C13867_LENINA-STD-BASE-VERO29
C12606_LENINA-DL
Bender Wirth: 468 Typ L3



PHOTOMETRIC DATA (MEASURED):

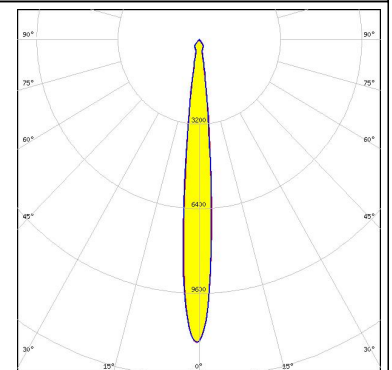
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 13.0°
 Efficiency 88 %
 Peak intensity 7.500 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 438 Typ L1



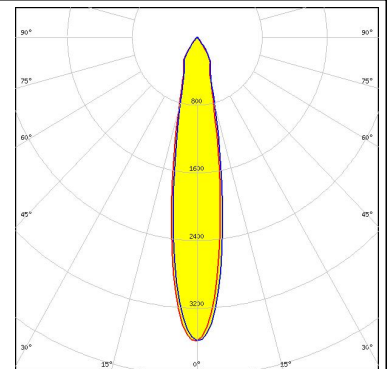
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 11.500 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 Bender Wirth: 438 Typ L1



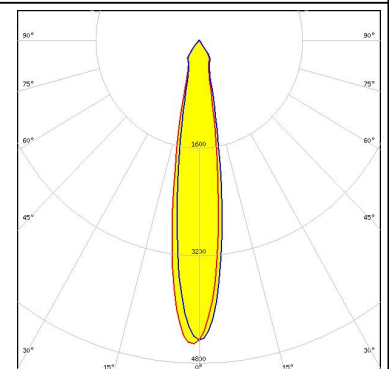
LUMILEDS

LED LUXEON CoB 1204/1205
 FWHM 19.0°
 Efficiency 84 %
 Peak intensity 3.600 cd/lm
 Required components:
 C12292_LENINA-STD-BASE-MEZ
 C12606_LENINA-DL



LUMILEDS

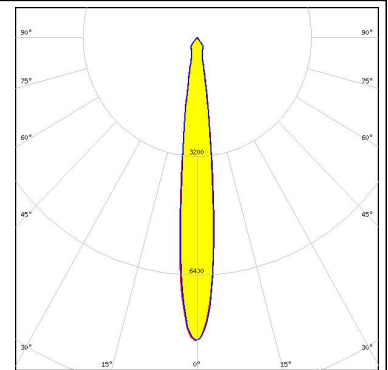
LED LUXEON CoB 1204/1205
 FWHM 18.0°
 Efficiency 88 %
 Peak intensity 4.500 cd/lm
 Required components:
 C12292_LENINA-STD-BASE-MEZ



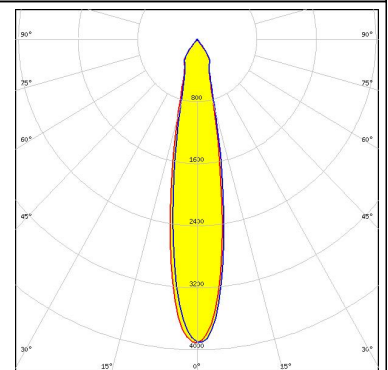
PHOTOMETRIC DATA (MEASURED):



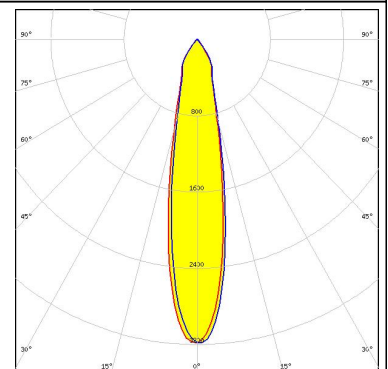
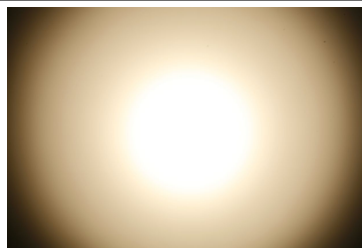
LED LUXEON CoB 1205HD
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 8.200 cd/lm
 Required components:
 C11981_LENINA-STD-BASE-COB-L110



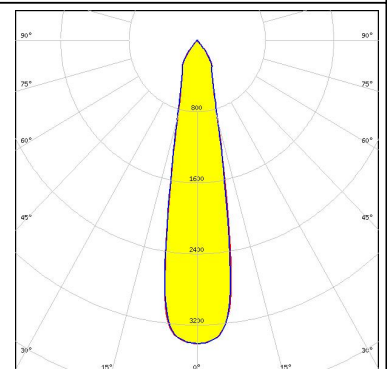
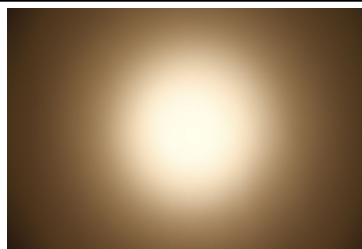
LED LUXEON CoB 1208
 FWHM 20.0°
 Efficiency 89 %
 Peak intensity 3.900 cd/lm
 Required components:
 C12292_LENINA-STD-BASE-MEZ



LED LUXEON CoB 1208
 FWHM 21.0°
 Efficiency 85 %
 Peak intensity 3.200 cd/lm
 Required components:
 C12292_LENINA-STD-BASE-MEZ
 C12606_LENINA-DL



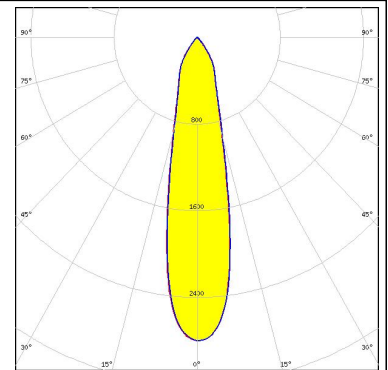
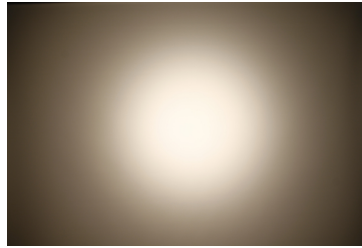
LED LUXEON CoB 1211
 FWHM 22.0°
 Efficiency 92 %
 Peak intensity 3.400 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 Bender Wirth: 431 Typ L3



PHOTOMETRIC DATA (MEASURED):

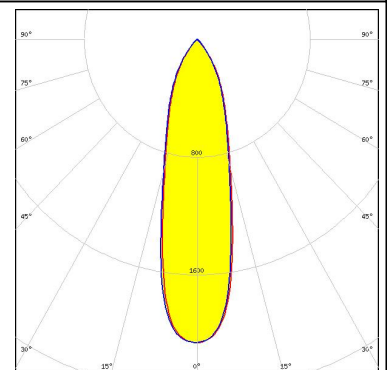
LUMILEDS

LED LUXEON CoB 1211
 FWHM 23.0°
 Efficiency 86 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 C12606_LENINA-DL
 Bender Wirth: 431 Typ L3



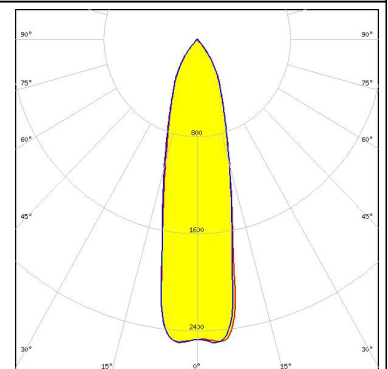
LUMILEDS

LED LUXEON CoB 1216/1812
 FWHM 27.0°
 Efficiency 81 %
 Peak intensity 2.060 cd/lm
 Required components:
 C12606_LENINA-DL
 A.A.G. STUCCHI: 8102/G2 + S-8000/12



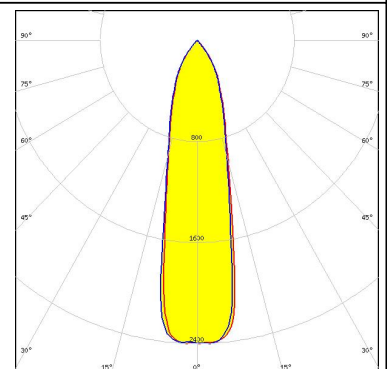
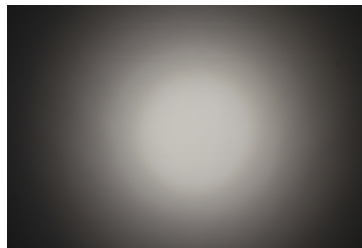
LUMILEDS

LED LUXEON CoB 1216/1812
 FWHM 27.0°
 Efficiency 91 %
 Peak intensity 2.500 cd/lm
 Required components:
 C12692_LENINA-STD-BASE-CLL040



LUMILEDS

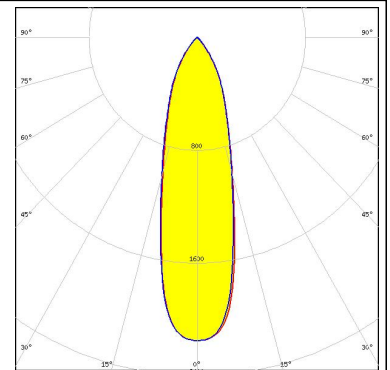
LED LUXEON CoB 1216/1812
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 2.410 cd/lm
 Required components:
 A.A.G. STUCCHI: 8102/G2 + S-8000/12



PHOTOMETRIC DATA (MEASURED):

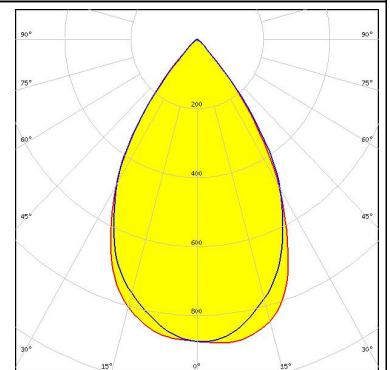
LUMILEDS

LED LUXEON CoB 1216/1812
 FWHM 28.0°
 Efficiency 87 %
 Peak intensity 2.200 cd/lm
 Required components:
 C12692_LENINA-STD-BASE-CLL040
 C12606_LENINA-DL



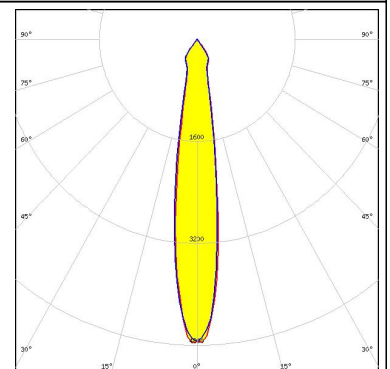
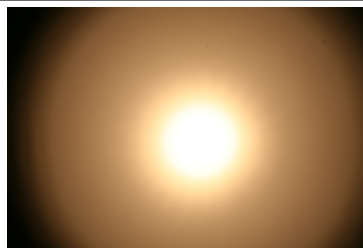
LUMILEDS

LED LUXEON K12
 FWHM 17.5°
 Efficiency 83 %
 Peak intensity 3.700 cd/lm
 Required components:
 C12924_LENINA-STD-BASE-LUXEON-K
 C12606_LENINA-DL



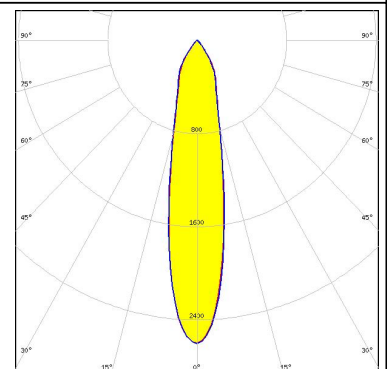
LUMILEDS

LED LUXEON K12
 FWHM 16.0°
 Efficiency 89 %
 Peak intensity 4.800 cd/lm
 Required components:
 C12924_LENINA-STD-BASE-LUXEON-K



LUMILEDS

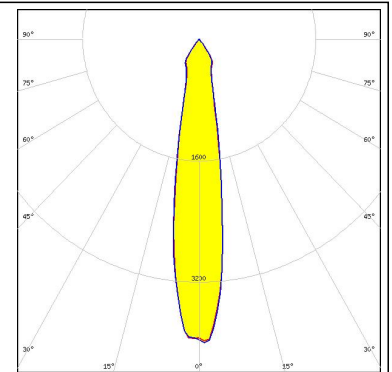
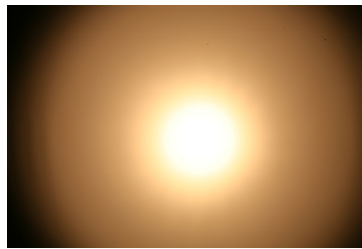
LED LUXEON K16
 FWHM 22.0°
 Efficiency 80 %
 Peak intensity 2.600 cd/lm
 Required components:
 C12924_LENINA-STD-BASE-LUXEON-K
 C12606_LENINA-DL



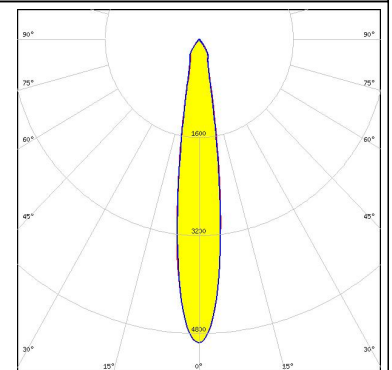
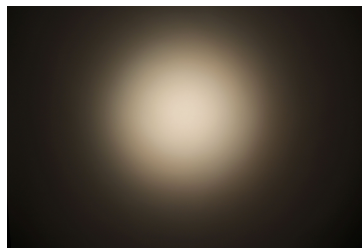
PHOTOMETRIC DATA (MEASURED):



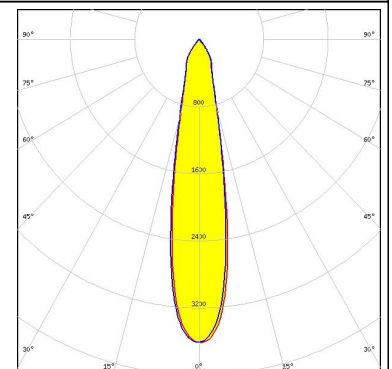
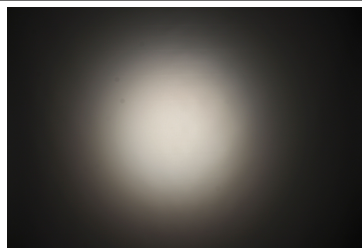
LED LUXEON K16
 FWHM 18.0°
 Efficiency 87 %
 Peak intensity 4.000 cd/lm
 Required components:
 C12924_LENINA-STD-BASE-LUXEON-K



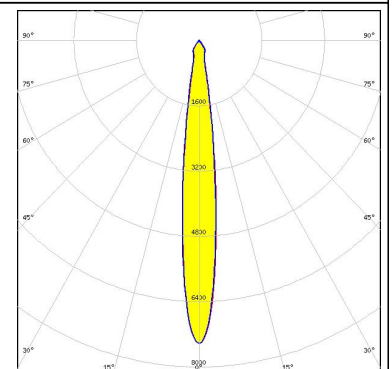
LED CDM-14 (Dim-To-Warm)
 FWHM 16.0°
 Efficiency 88 %
 Peak intensity 4.900 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 491 Typ L2



LED CDM-18 (Dim-To-Warm)
 FWHM 21.0°
 Efficiency 88 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 491 Typ L2



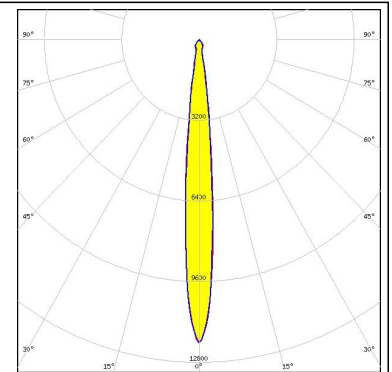
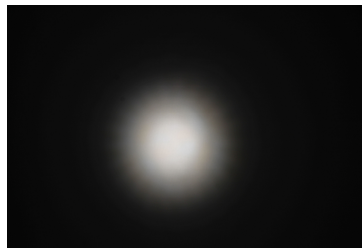
LED CDM-9 (Dim-To-Warm)
 FWHM 13.0°
 Efficiency 87 %
 Peak intensity 7.400 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 490 Typ L1



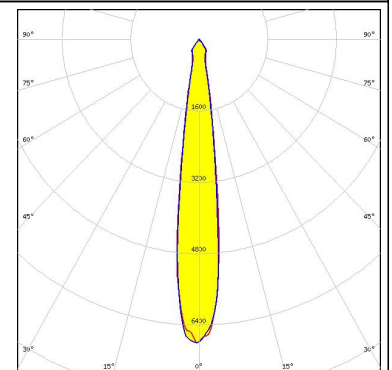
PHOTOMETRIC DATA (MEASURED):



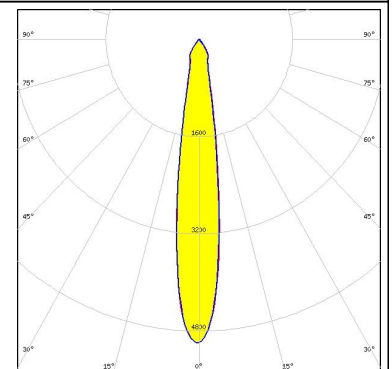
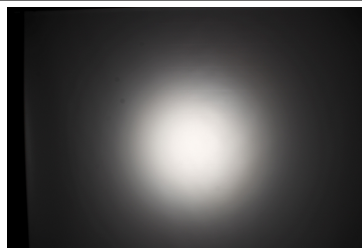
LED CDM-9 (Dim-To-Warm)
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 12.000 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 Bender Wirth: 490 Typ L1



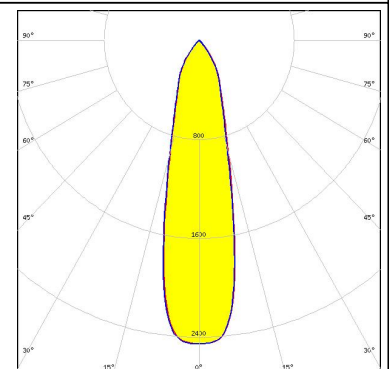
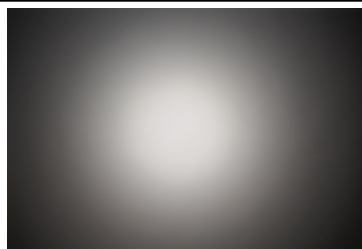
LED CTM-14 (Tunable White)
 FWHM 15.0°
 Efficiency 92 %
 Peak intensity 6.800 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 Bender Wirth: 442 Typ L3



LED CTM-14 (Tunable White)
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 5.000 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 C12606_LENINA-DL
 Bender Wirth: 442 Typ L3



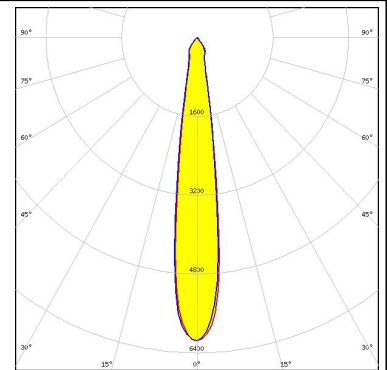
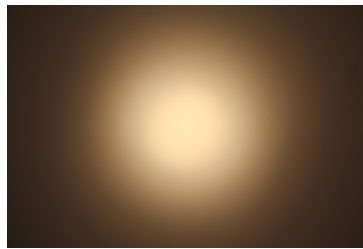
LED CTM-22 (Tunable White)
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 C12606_LENINA-DL
 Bender Wirth: 494 Typ L3



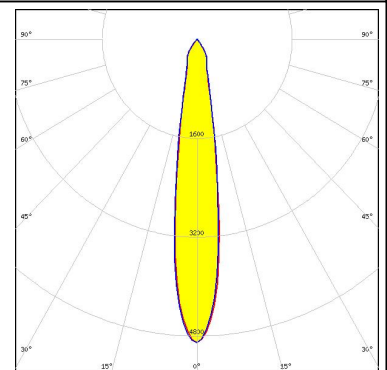
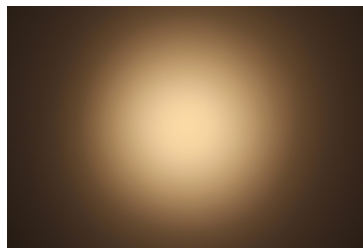
PHOTOMETRIC DATA (MEASURED):



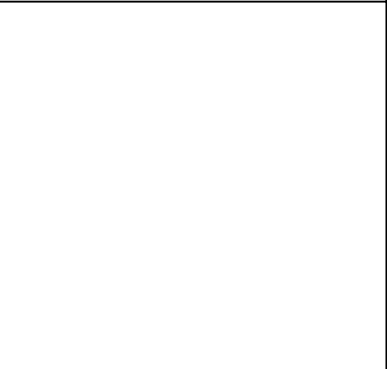
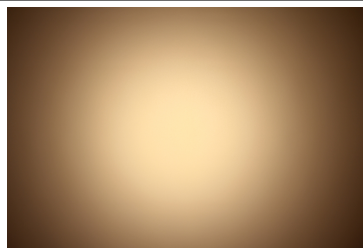
LED CXM-14
 FWHM 16.0°
 Efficiency 93 %
 Peak intensity 6.200 cd/lm
 Required components:
 C12691_LENINA-STD-BASE-CLL030



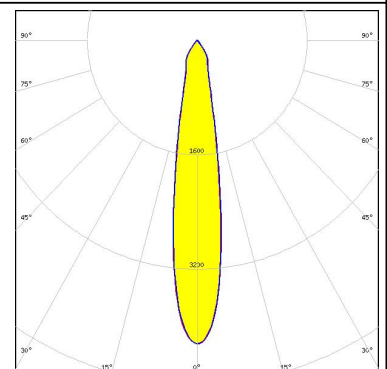
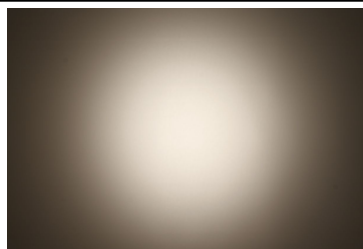
LED CXM-14
 FWHM 17.0°
 Efficiency 88 %
 Peak intensity 4.900 cd/lm
 Required components:
 C12691_LENINA-STD-BASE-CLL030
 C12606_LENINA-DL



LED CXM-22
 FWHM 28.0°
 Efficiency 88 %
 Peak intensity 2.300 cd/lm
 Required components:
 C12692_LENINA-STD-BASE-CLL040
 C12606_LENINA-DL



LED COB J-Type
 FWHM 18.0°
 Efficiency 88 %
 Peak intensity 4.200 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 463 Typ L2



PHOTOMETRIC DATA (MEASURED):



LED COB J-Type

FWHM 17.0°

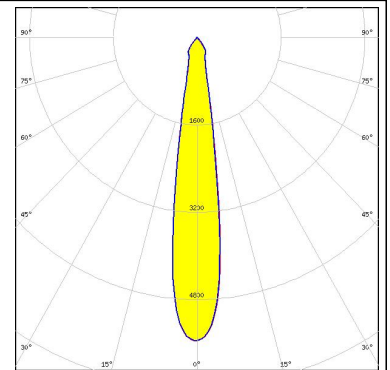
Efficiency 92 %

Peak intensity 5.600 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

Bender Wirth: 463 Typ L2



LED COB J-Type

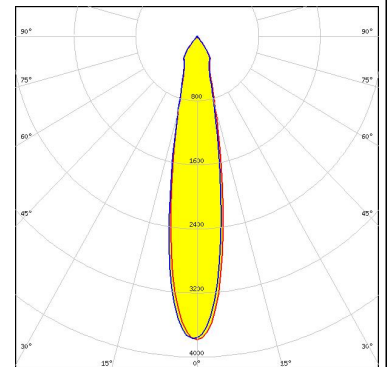
FWHM 20.0°

Efficiency 88 %

Peak intensity 3.790 cd/lm

Required components:

C12292_LENINA-STD-BASE-MEZ



LED COB J-Type

FWHM 21.0°

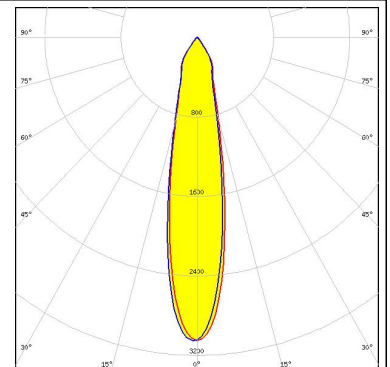
Efficiency 83 %

Peak intensity 3.060 cd/lm

Required components:

C12292_LENINA-STD-BASE-MEZ

C12606_LENINA-DL



LED COB L-Type (LES 11)

FWHM 13.0°

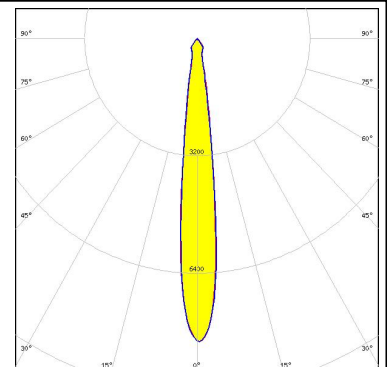
Efficiency 91 %

Peak intensity 8.300 cd/lm

Required components:

C13868_LENINA-STD-BASE-VERO13-18

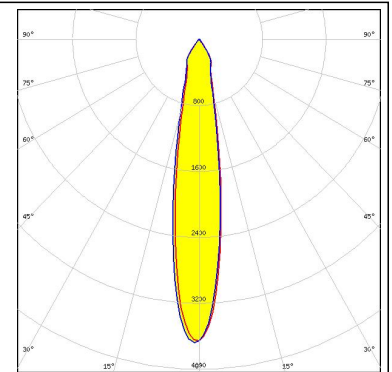
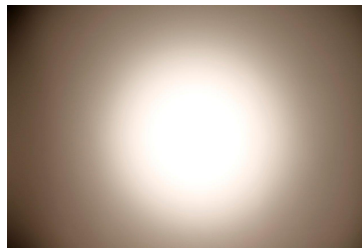
Bender Wirth: 438 Typ L1



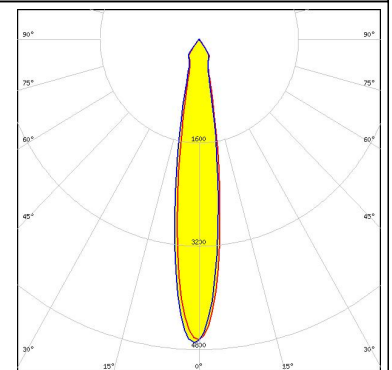
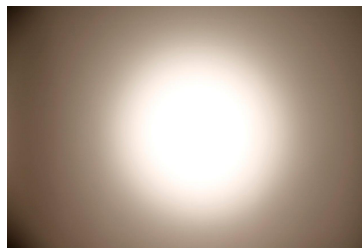
PHOTOMETRIC DATA (MEASURED):



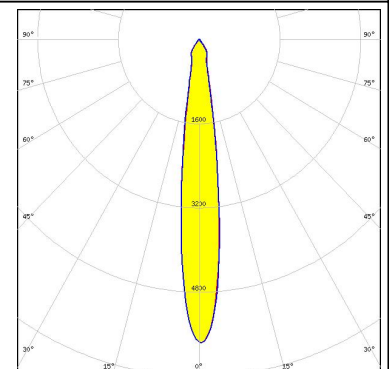
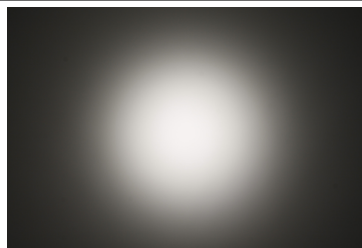
LED COB L-Type (LES 11)
 FWHM 18.0°
 Efficiency 81 %
 Peak intensity 3.700 cd/lm
 Required components:
 C11981_LENINA-STD-BASE-COB-L110
 C12606_LENINA-DL



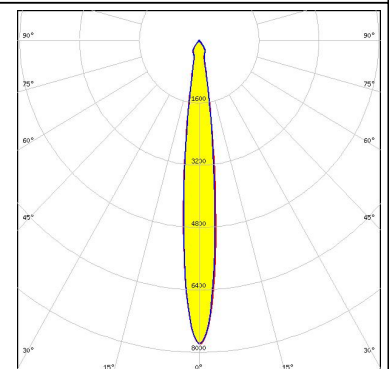
LED COB L-Type (LES 11)
 FWHM 17.0°
 Efficiency 85 %
 Peak intensity 4.700 cd/lm
 Required components:
 C11981_LENINA-STD-BASE-COB-L110



LED COB L-Type (LES 11)
 FWHM 15.0°
 Efficiency 87 %
 Peak intensity 5.800 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 438 Typ L1



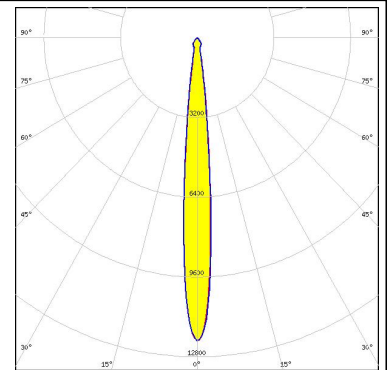
LED COB L-Type (LES 9)
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 7.800 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 438 Typ L1



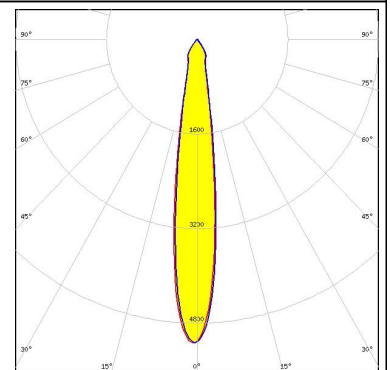
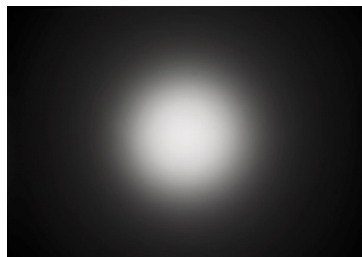
PHOTOMETRIC DATA (MEASURED):



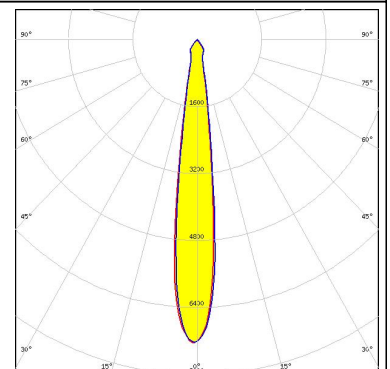
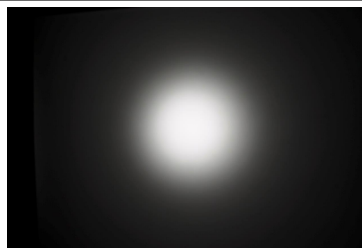
LED COB L-Type (LES 9)
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 12.100 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 Bender Wirth: 438 Typ L1



LED Soleriq S13
 FWHM 16.0°
 Efficiency 86 %
 Peak intensity 5.100 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 C12606_LENINA-DL
 Bender Wirth: 437 Typ L1



LED Soleriq S13
 FWHM 14.0°
 Efficiency 91 %
 Peak intensity 7.200 cd/lm
 Required components:
 C13868_LENINA-STD-BASE-VERO13-18
 Bender Wirth: 437 Typ L1



LED Soleriq S19
 FWHM 19.0°
 Efficiency 92 %
 Peak intensity 4.100 cd/lm
 Required components:
 C13867_LENINA-STD-BASE-VERO29
 Bender Wirth: 462 Typ L3

