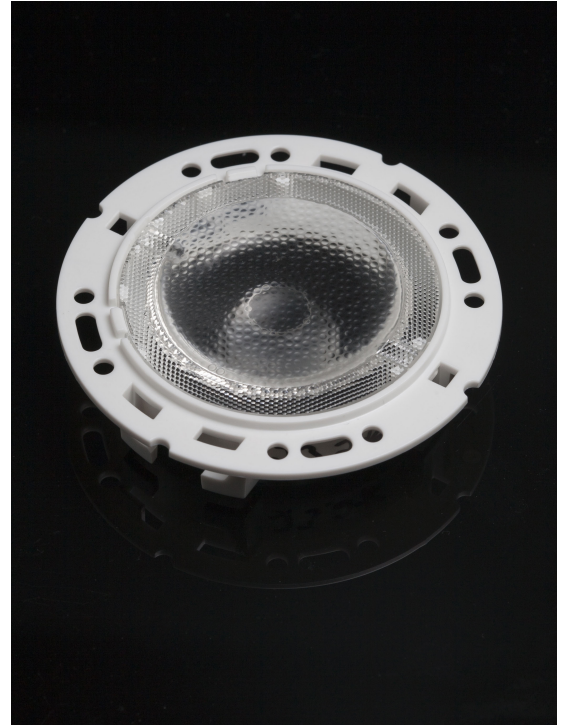


RONDA-WW

~60° wide beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

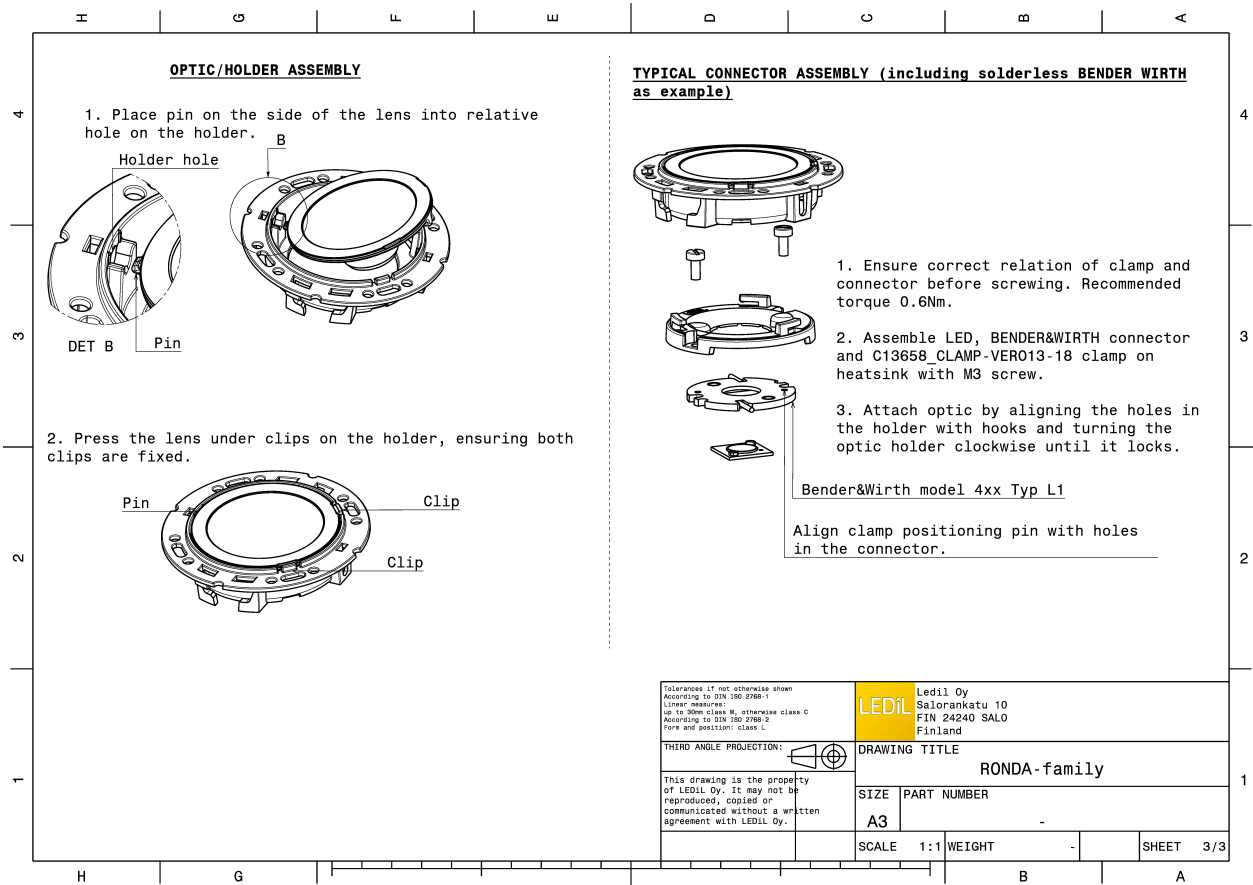
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	14.6 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ

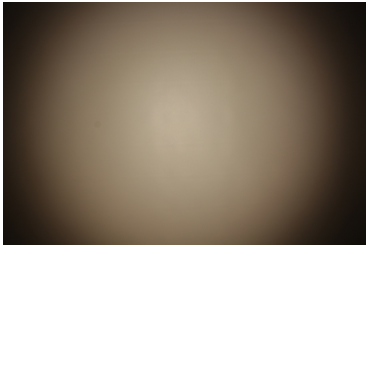
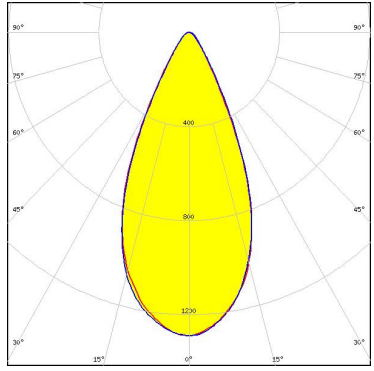
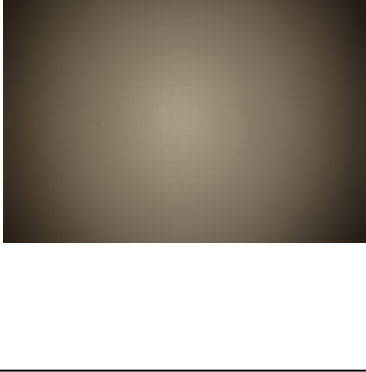
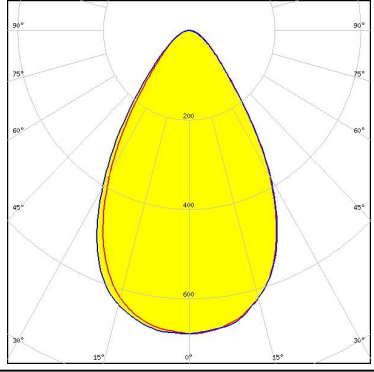
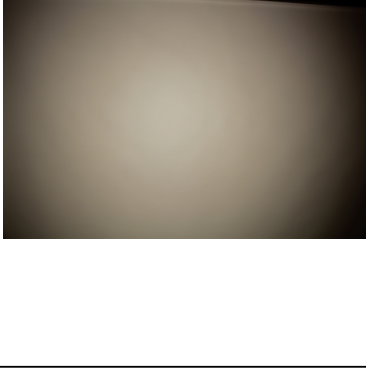
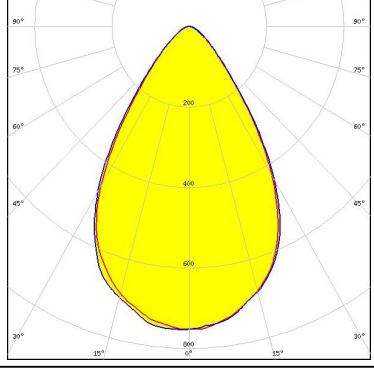

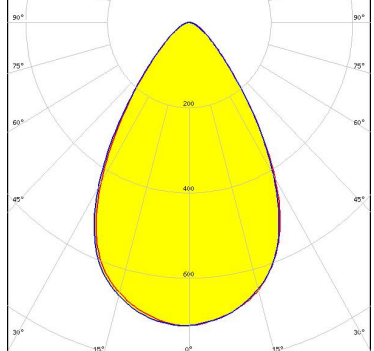


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-WW	Single lens	PMMA	clear
RONDA-HLD-A	Holder	PC	white



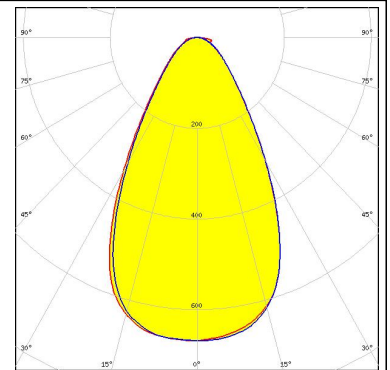
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen7 FWHM 47.0° Efficiency % Peak intensity 0.000 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 486 Typ L1</p>		
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM 64.0° Efficiency 82 % Peak intensity 0.680 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED Vero SE 13 FWHM 65.0° Efficiency 90 % Peak intensity 0.750 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13 FWHM 66.0° Efficiency 88 % Peak intensity 0.710 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>		

PHOTOMETRIC DATA (MEASURED):

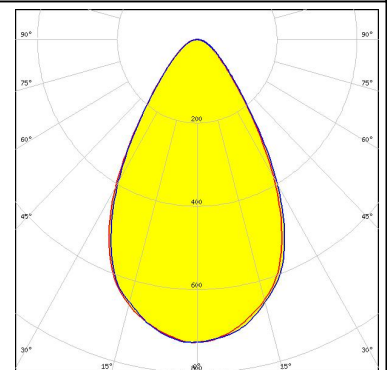
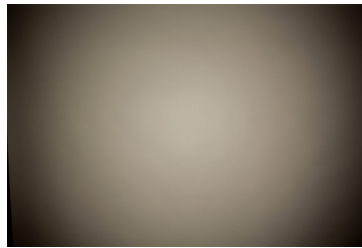
CITIZEN

LED CLL03x/CLU03x
FWHM 59.0°
Efficiency 81 %
Peak intensity 0.670 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



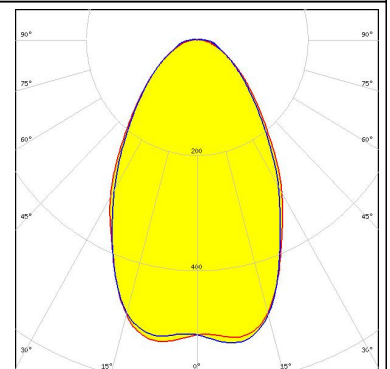
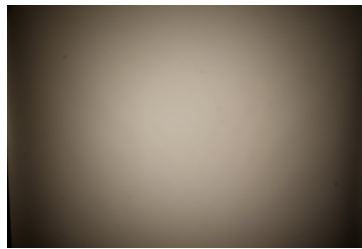
CITIZEN

LED CLL03x/CLU03x
FWHM 63.0°
Efficiency 87 %
Peak intensity 0.730 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
TE: 2325807-3



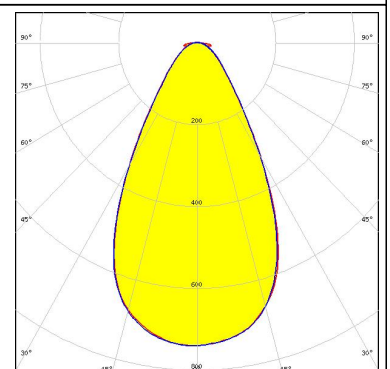
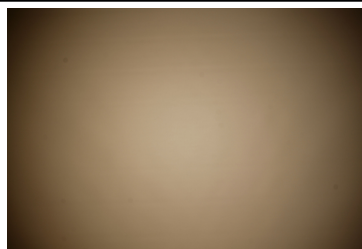
CITIZEN

LED CLL04x/CLU04x
FWHM 66.0°
Efficiency 81 %
Peak intensity 0.530 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

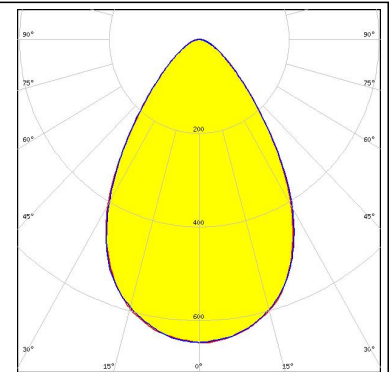
LED CLU730/731
FWHM 58.0°
Efficiency 83 %
Peak intensity 0.740 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



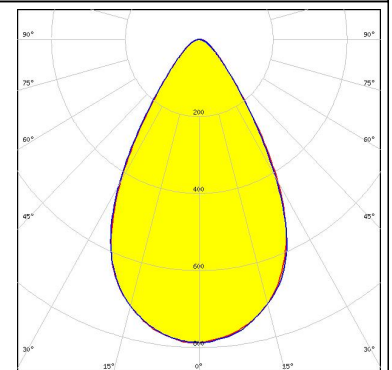
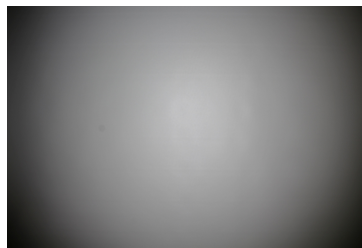
PHOTOMETRIC DATA (MEASURED):



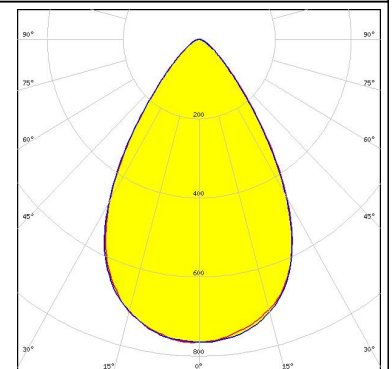
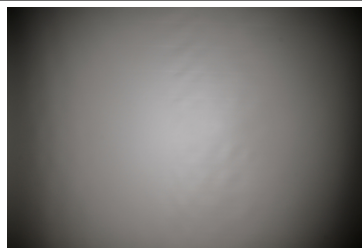
LED CMA1840
 FWHM 69.0°
 Efficiency 89 %
 Peak intensity 0.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



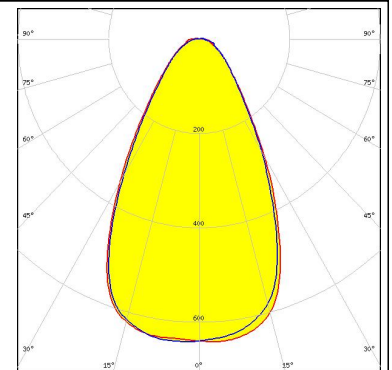
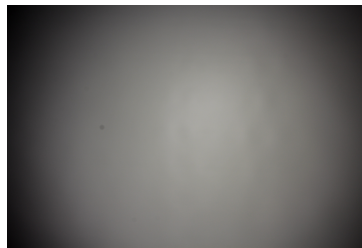
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 62.0°
 Efficiency 88 %
 Peak intensity 0.790 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1




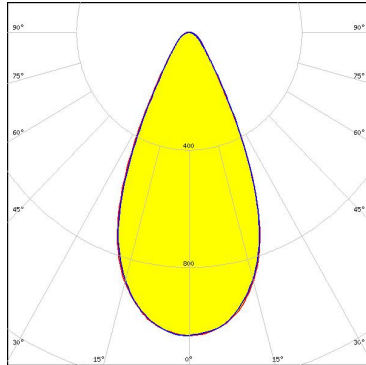
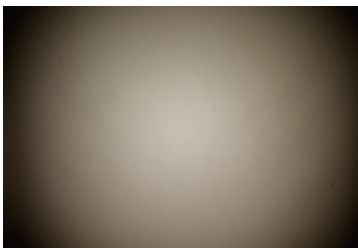
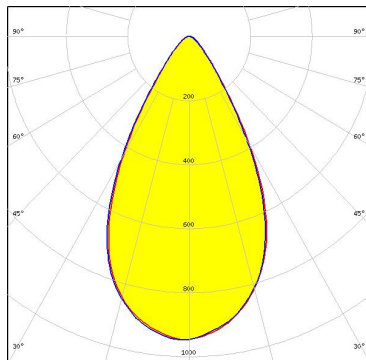

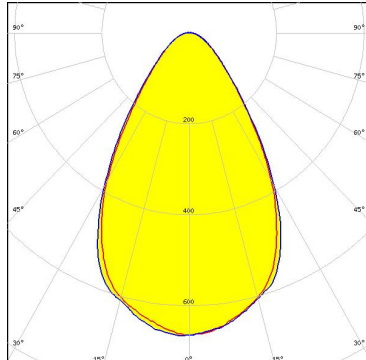
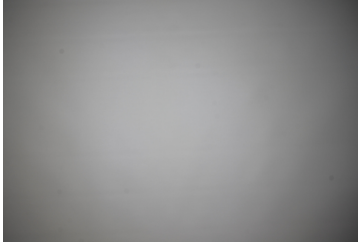
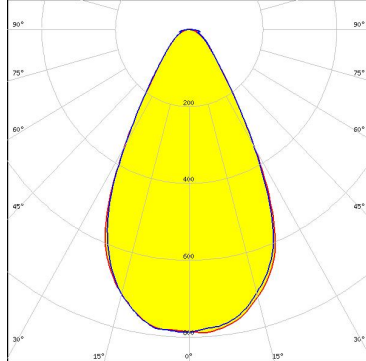
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 66.0°
 Efficiency 93 %
 Peak intensity 0.770 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



LED COB J-Type
 FWHM 60.0°
 Efficiency 81 %
 Peak intensity 0.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103NC + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED COB L-Type (LES 11) FWHM 50.0° Efficiency 85 % Peak intensity 1.000 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2100NC + 50-2100AN</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 11) FWHM 57.0° Efficiency 88 % Peak intensity 0.950 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>OSRAM</p> <p>LED PrevaLED Core G7 L15 H1 FWHM 65.0° Efficiency 86 % Peak intensity 0.670 cd/lm LEDs/each optic 1 Light colour White Required components: C16685_CLAMP-PRV-A</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Soleriq S13 Gen2 FWHM 58.0° Efficiency 85 % Peak intensity 0.790 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2103CT + 50-2100AN</p>		

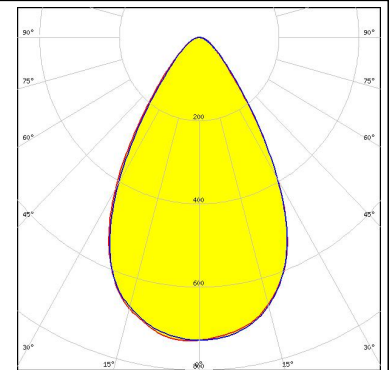
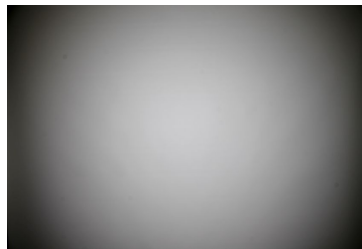
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Soleriq S13 Gen2
FWHM 63.0°
Efficiency 84 %
Peak intensity 0.730 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1

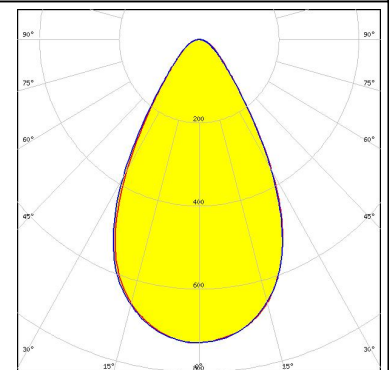
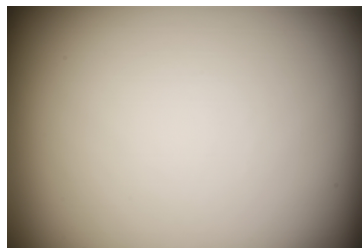


PHILIPS

LED Fortimo SLM L13 + SLM holder
FWHM 61.0°
Efficiency 82 %
Peak intensity 0.730 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1

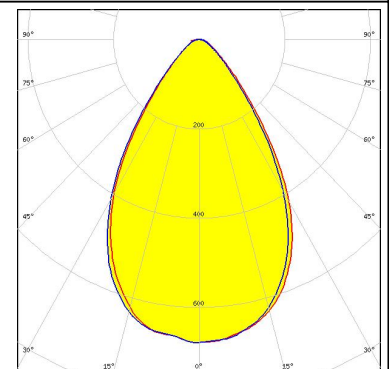
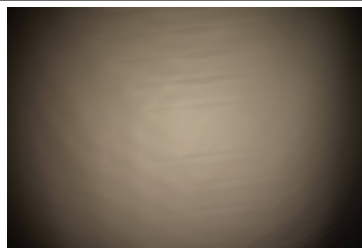


PHILIPS

LED Fortimo SLM L13 CoB
FWHM 66.0 + °
Efficiency 85 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

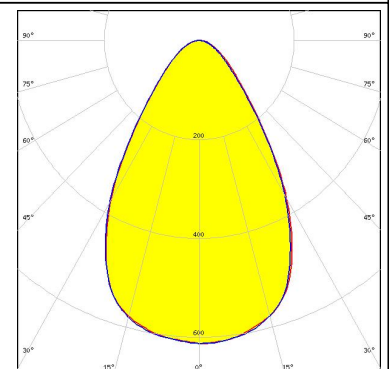
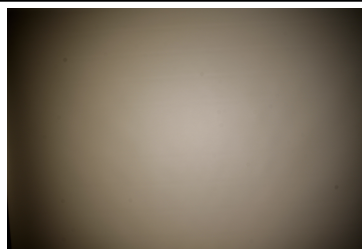


PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM 66.0°
Efficiency 83 %
Peak intensity 0.610 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1

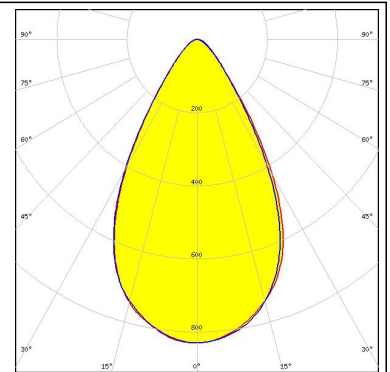


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

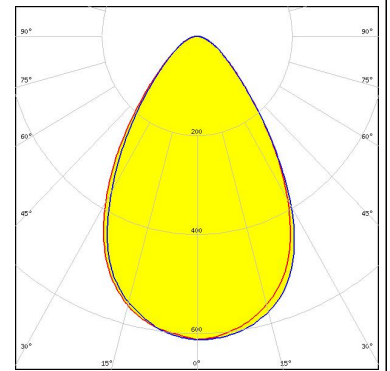
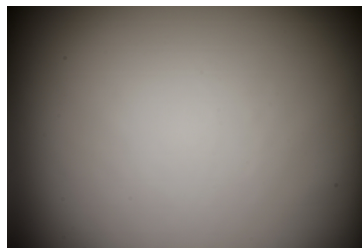
LED LC040C
 FWHM 60.0°
 Efficiency 86 %
 Peak intensity 0.830 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



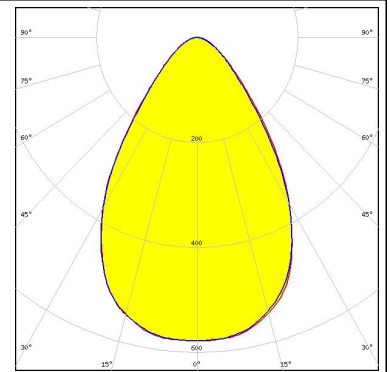
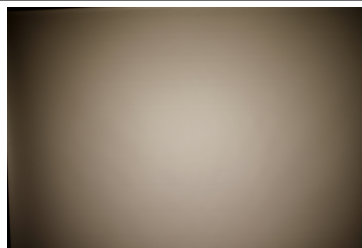
LED AC Zhaga COB
 FWHM 67.0°
 Efficiency 84 %
 Peak intensity 0.610 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 Optosource: SEHSMJD-A



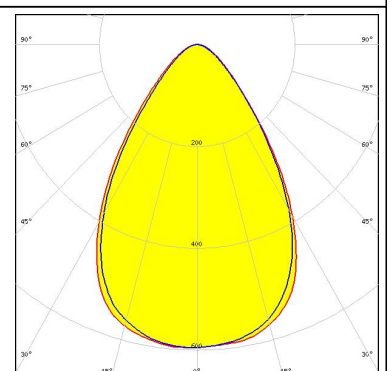
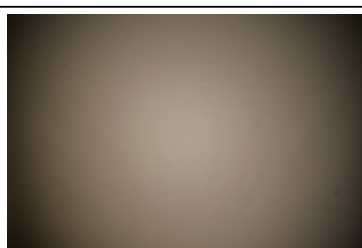
LED MJT COB LES 14.5
 FWHM 69.0°
 Efficiency 80 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1

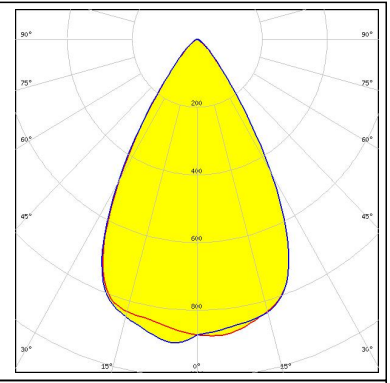
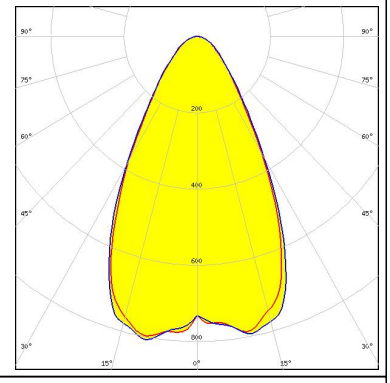
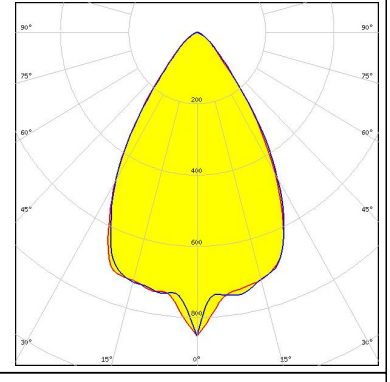


LED WU-M-484
 FWHM 69.0°
 Efficiency 83 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



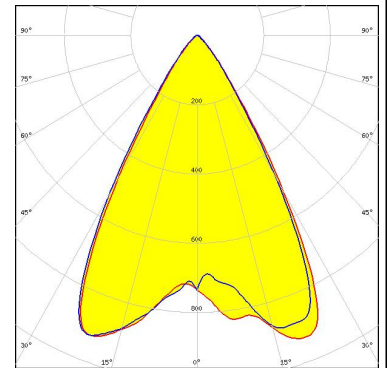
PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V10 Gen6 FWHM 60.0° Efficiency 88 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM 59.0° Efficiency 89 % Peak intensity 0.800 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2103CT + 50-2100AN</p>	
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM 60.0° Efficiency 88 % Peak intensity 0.851 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 477 Typ L1</p>	
<h3>CITIZEN</h3> <p>LED CLL02x/CLU02x (LES10) FWHM 60.0° Efficiency 88 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 434 Typ L1</p>	

PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLU700/701
FWHM 60.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1

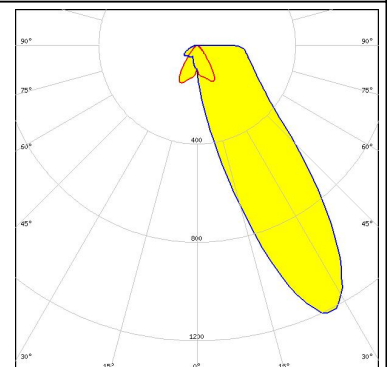


CITIZEN

LED CLU710/711
FWHM 60.0°
Efficiency 88 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 470 Typ L1

CREE

LED CXA/B 13xx
FWHM 62.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 448 Typ L1



CREE

LED CXA/B 15xx
FWHM 62.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18

PHOTOMETRIC DATA (SIMULATED):

CREE

LED CXA/B 15xx
FWHM 62.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 63.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 63.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 57.0°
Efficiency 85 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1

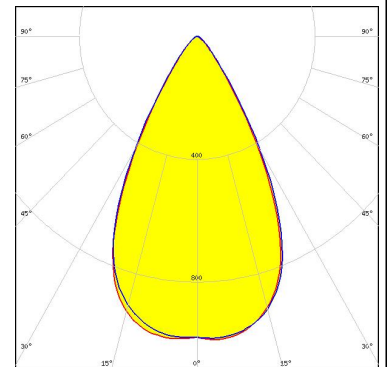
PHOTOMETRIC DATA (SIMULATED):



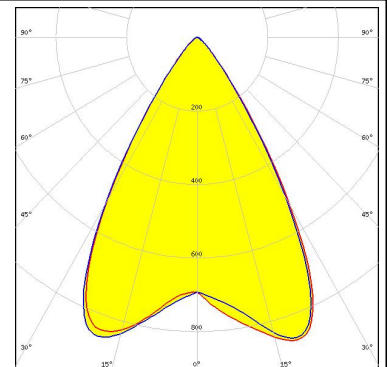
LED CXA/B 1830
 FWHM 62.0°
 Efficiency 87 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



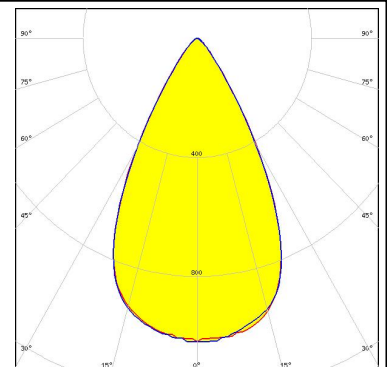
LED LUXEON CoB 1202/1203
 FWHM 56.0°
 Efficiency 87 %
 Peak intensity 0.995 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1202s
 FWHM 60.0°
 Efficiency 89 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 452 Typ L1



LED COB L-Type (LES 9)
 FWHM 56.0°
 Efficiency 87 %
 Peak intensity 1.030 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):



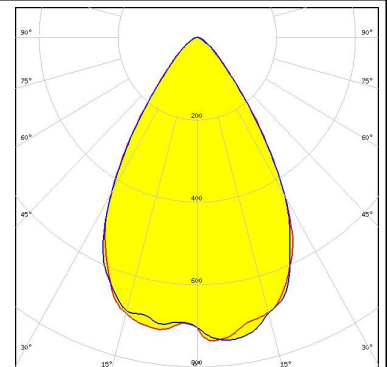
LED NSCxL036A
FWHM 56.0°
Efficiency 88 %
Peak intensity 1.030 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



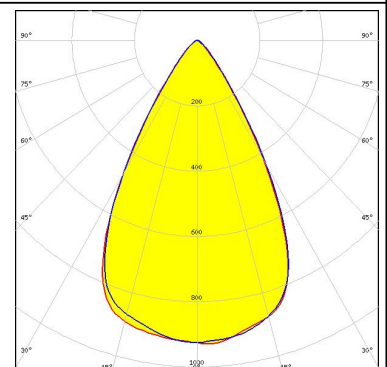
LED Duris S10
FWHM 66.0°
Efficiency 89 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



LED Soleriq S13
FWHM 63.0°
Efficiency 84 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



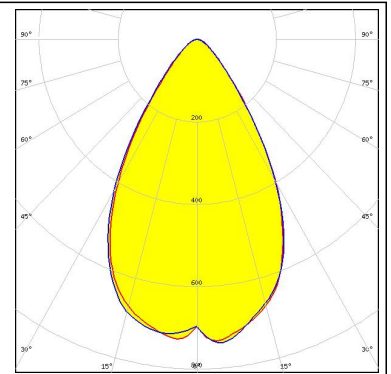
LED Mini Zenigata (GW6BM)
FWHM 62.0°
Efficiency 88 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 452 Typ L1



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES15
FWHM 62.0°
Efficiency 82 %
Peak intensity 0.740 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



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.

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