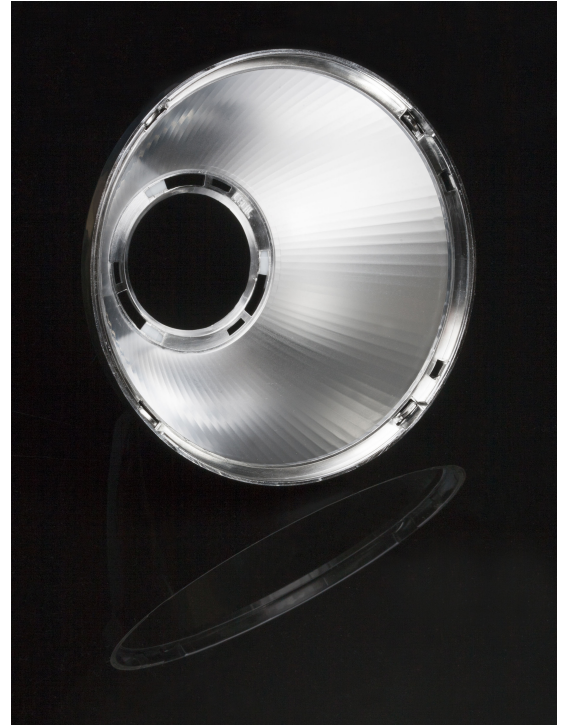


## ANGELETTE-S

~10° spot beam

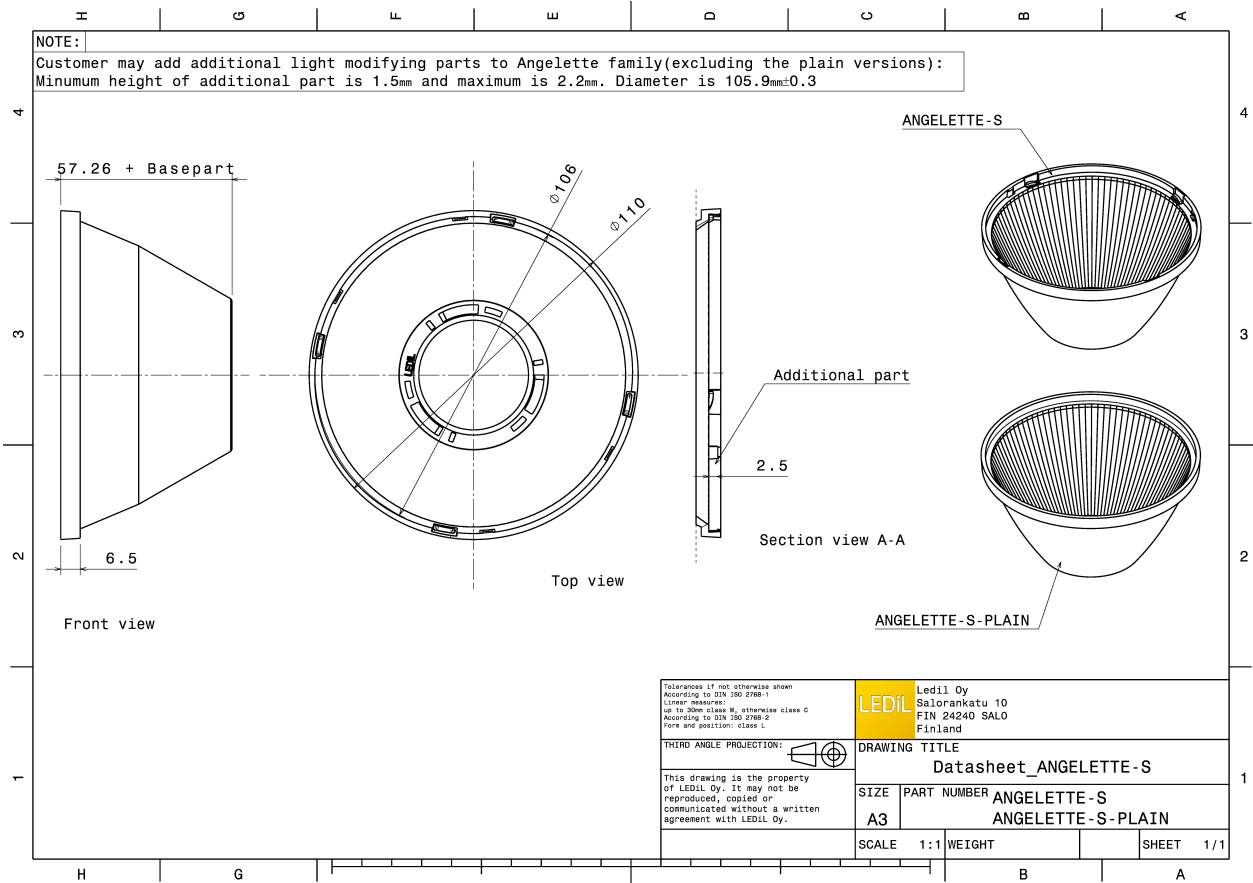
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
Colour	metal
Box size	398 x 298 x 265 mm
Box weight	7.4 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ


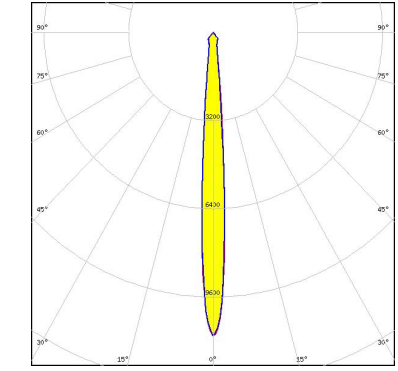

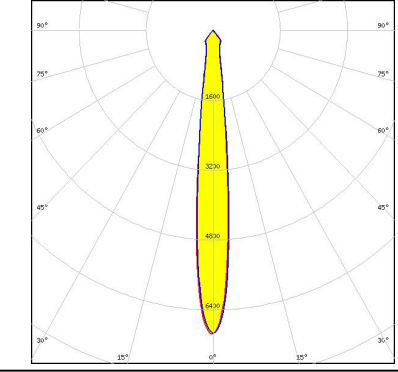

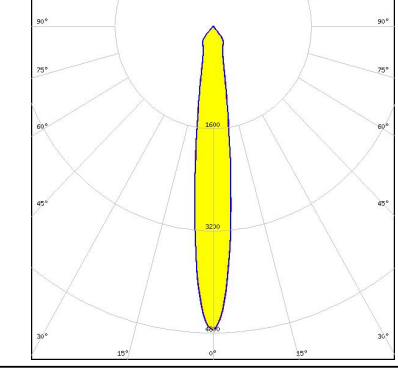

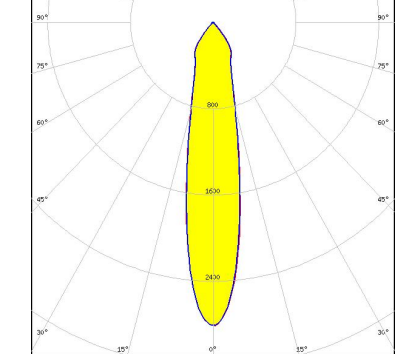


### MATERIAL SPECIFICATIONS:

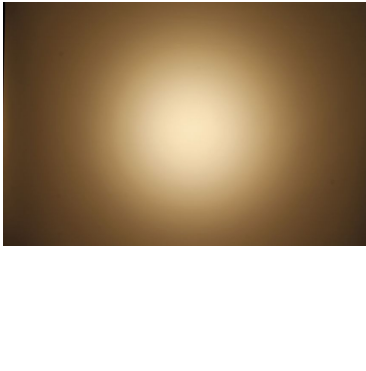
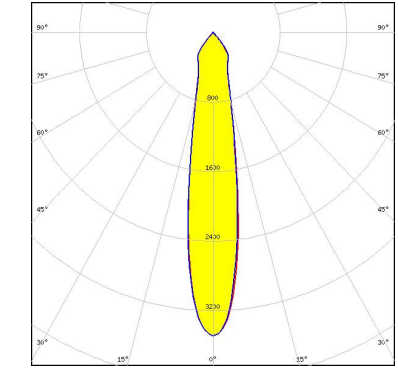

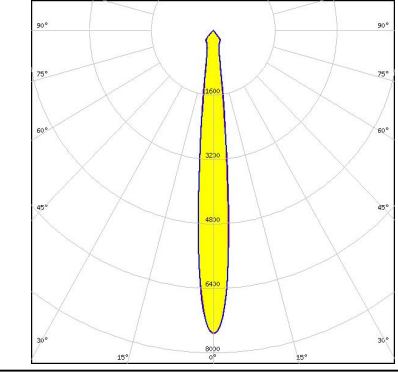

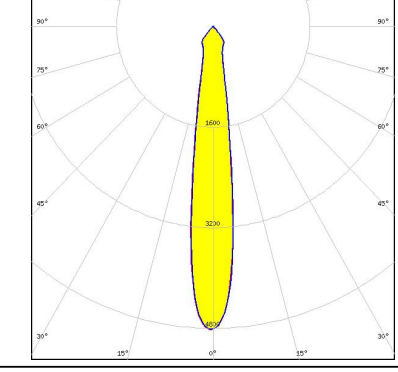
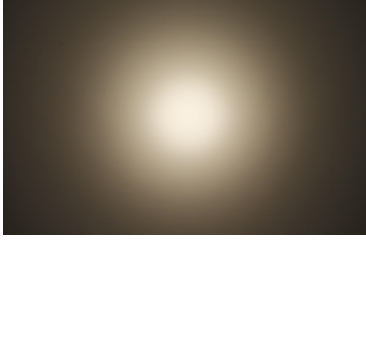
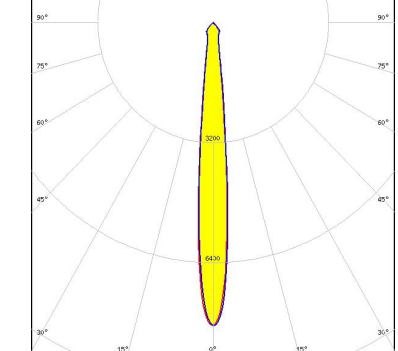
Component	Type	Material	Colour	Coating
ANGELETTE-S	Reflector	PC	metal	HMDS



#### PHOTOMETRIC DATA (MEASURED):


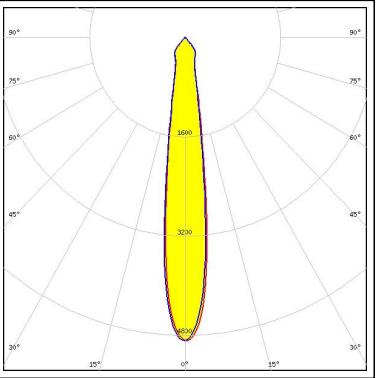
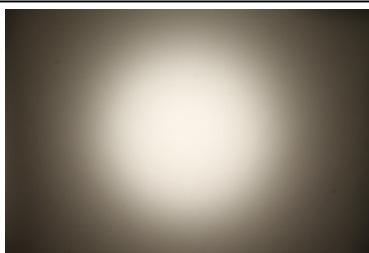
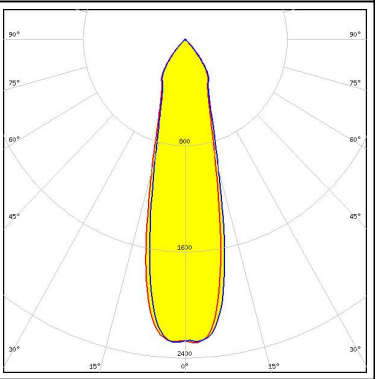

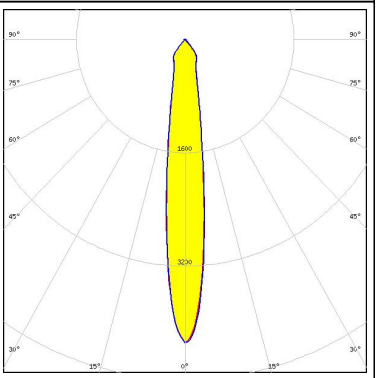
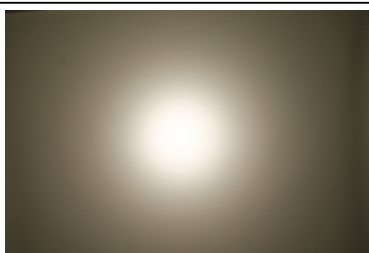
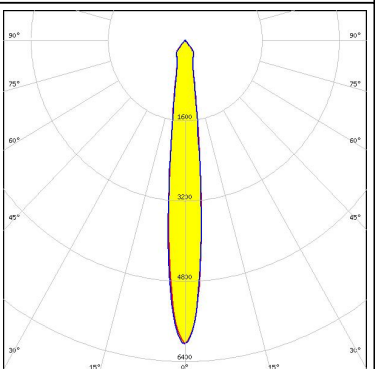
<p>bridgelux.</p> <p>LED V10 Gen7</p> <p>FWHM 8.5°</p> <p>Efficiency 89 %</p> <p>Peak intensity 11.000 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 434 Typ L1</p>		
<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 12.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 7.000 cd/lm</p> <p>Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 14.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4.800 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED V22 Gen6</p> <p>FWHM 21.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.800 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS IDEAL: 50-2204-CT + 50-2100AN</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V22 Gen6</p> <p>FWHM 19.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.500 cd/lm</p> <p>Required components: IDEAL: 50-2204-CT + 50-2100AN</p>		
<p>bridgelux.</p> <p>LED Vero SE 13</p> <p>FWHM 11.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 7.600 cd/lm</p> <p>Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED Vero SE 18</p> <p>FWHM 16.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4.800 cd/lm</p> <p>Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 11.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 8.100 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		



#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 15.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4.900 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO29</p> <p>FWHM 27.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components: C13584_CLAMP-VERO29</p>		
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x</p> <p>FWHM 15.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.300 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS IDEAL: 50-2103CT + 50-2100AN</p>		
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x</p> <p>FWHM 13.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 6.000 cd/lm</p> <p>Required components: IDEAL: 50-2103CT + 50-2100AN</p>		

#### PHOTOMETRIC DATA (MEASURED):

#### CITIZEN

LED CLL03x/CLU03x

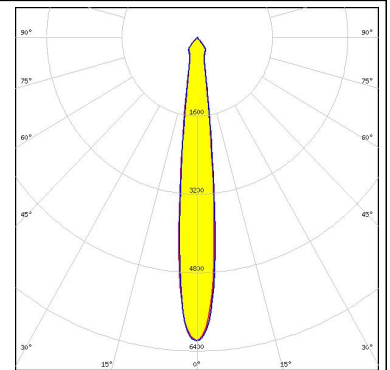
FWHM 13.0°

Efficiency 90 %

Peak intensity 6.200 cd/lm

Required components:

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



#### CITIZEN

LED CLL03x/CLU03x

FWHM 15.0°

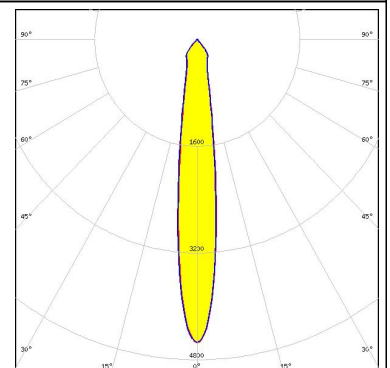
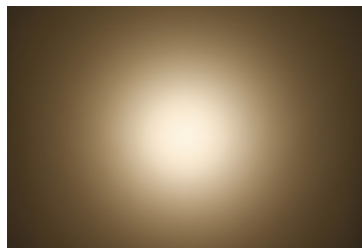
Efficiency 85 %

Peak intensity 4.500 cd/lm

Required components:

F13671\_ANGE-RZ-LENS

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



#### CITIZEN

LED CLL04x/CLU04x

FWHM 21.0°

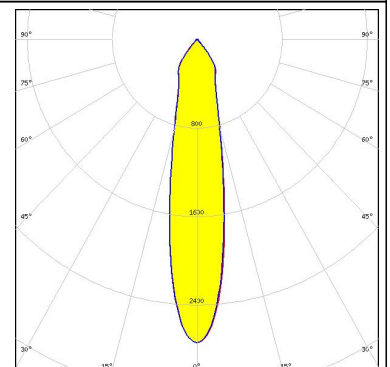
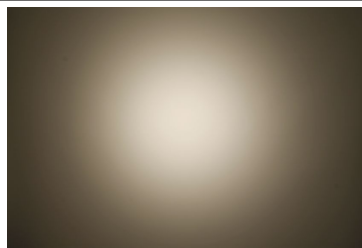
Efficiency 85 %

Peak intensity 2.700 cd/lm

Required components:

F13671\_ANGE-RZ-LENS

IDEAL: 50-2204-CT + 50-2100AN



#### CITIZEN

LED CLL04x/CLU04x

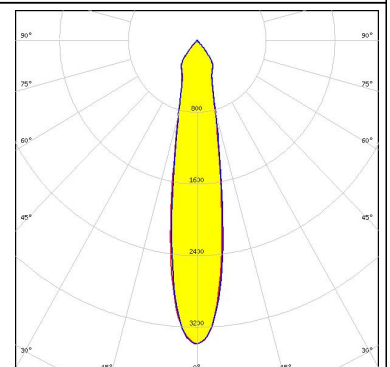
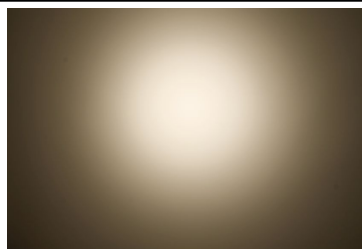
FWHM 19.0°

Efficiency 90 %

Peak intensity 3.400 cd/lm

Required components:

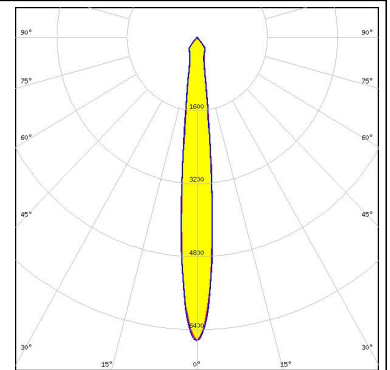
IDEAL: 50-2204-CT + 50-2100AN



#### PHOTOMETRIC DATA (MEASURED):

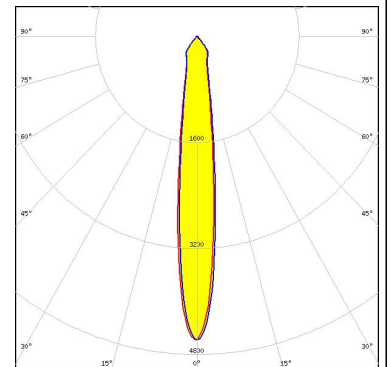
#### CITIZEN

LED CLU730/731  
 FWHM 12.0°  
 Efficiency 89 %  
 Peak intensity 6.600 cd/lm  
 Required components:  
 IDEAL: 50-2204-CT + 50-2100AN



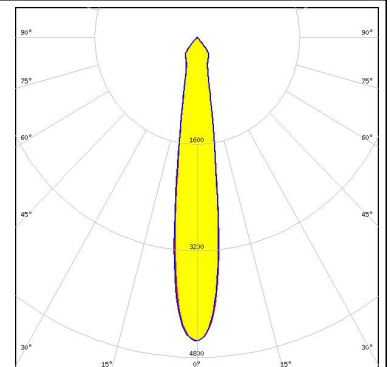
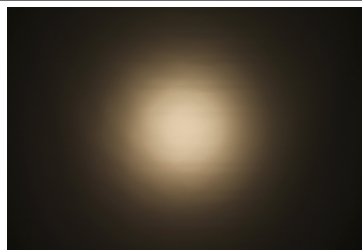
#### CITIZEN

LED CLU730/731  
 FWHM 14.0°  
 Efficiency 85 %  
 Peak intensity 4.600 cd/lm  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 IDEAL: 50-2204-CT + 50-2100AN



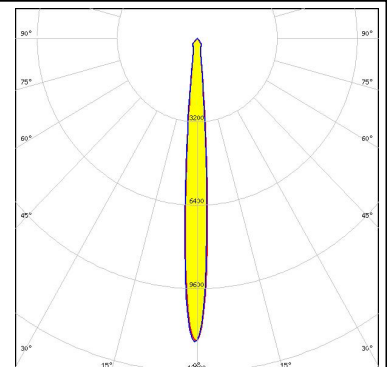
#### CREE

LED CMA2550  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 4.600 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



#### CREE

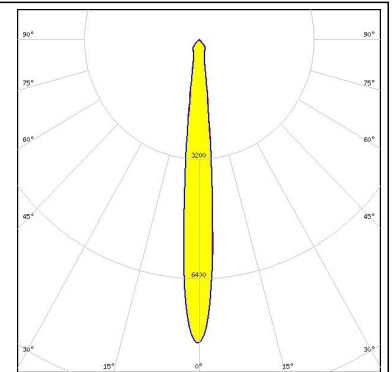
LED CXA/B 15xx  
 FWHM 8.0°  
 Efficiency 90 %  
 Peak intensity 12.000 cd/lm  
 Required components:  
 C14123\_CLAMP-CXA15-18



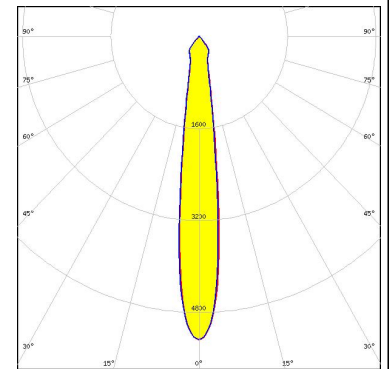
#### PHOTOMETRIC DATA (MEASURED):



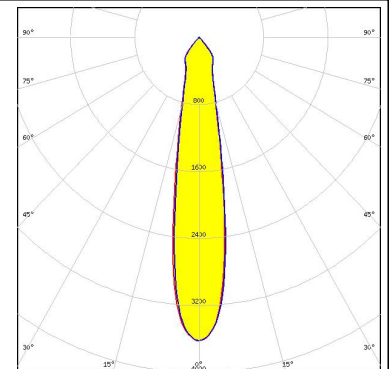
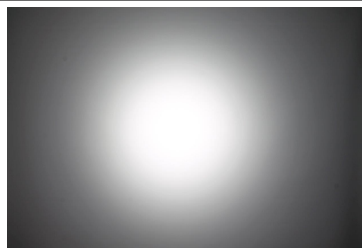
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 11.0°  
 Efficiency 90 %  
 Peak intensity 8.100 cd/lm  
 Required components:  
 C14123\_CLAMP-CXA15-18



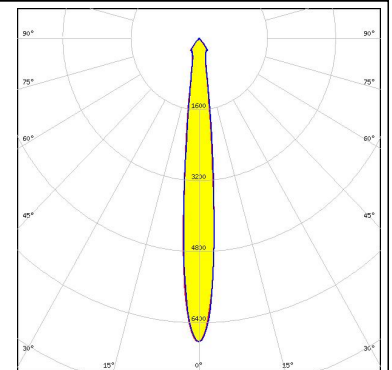
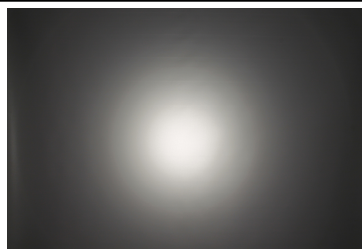
LED CXA/B 25xx  
 FWHM 15.0°  
 Efficiency 90 %  
 Peak intensity 5.300 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30




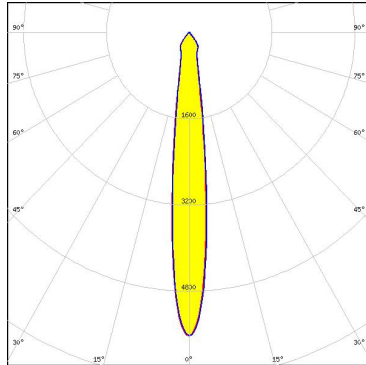
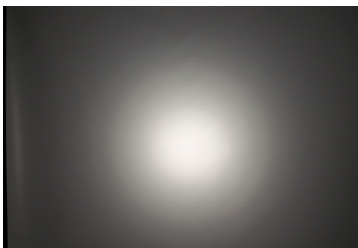
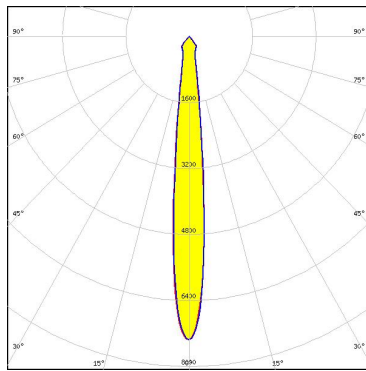

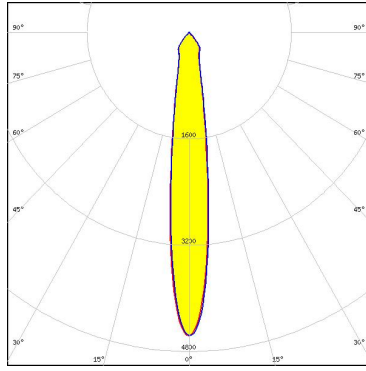

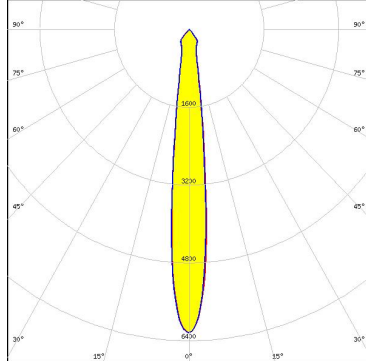
LED CXA/B 30xx  
 FWHM 19.0°  
 Efficiency 90 %  
 Peak intensity 3.600 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



LED LUXEON CoB 1204/1205  
 FWHM 12.0°  
 Efficiency 88 %  
 Peak intensity 6.800 cd/lm  
 Required components:  
 F15176\_ANGELETTE-LENS  
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1


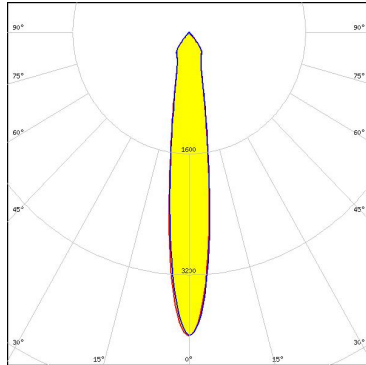
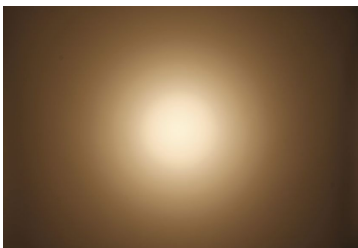
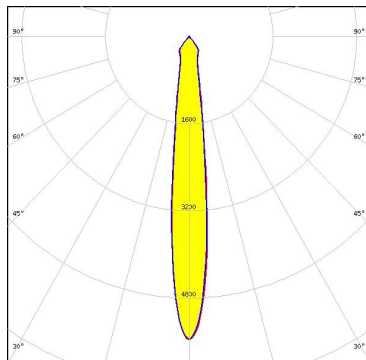
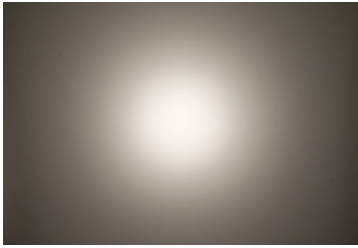
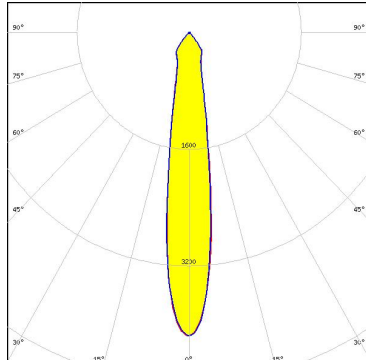
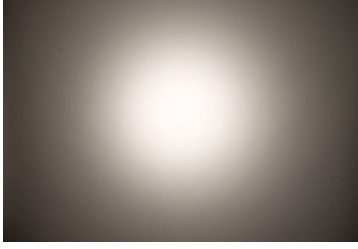
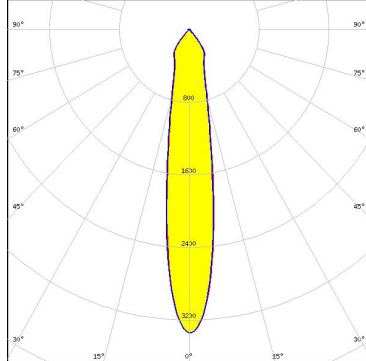


#### PHOTOMETRIC DATA (MEASURED):


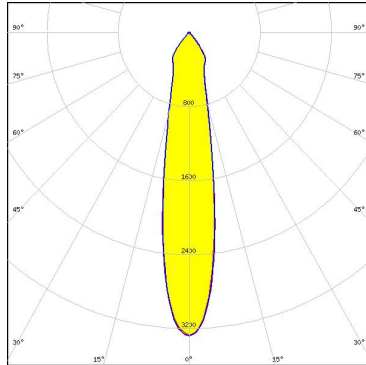
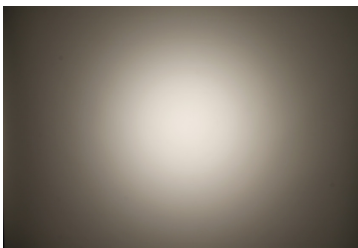
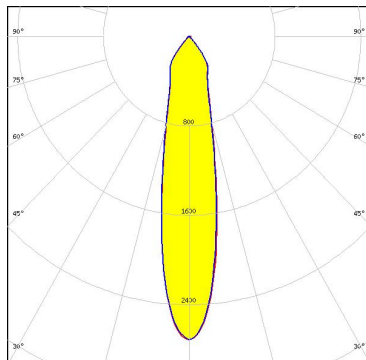

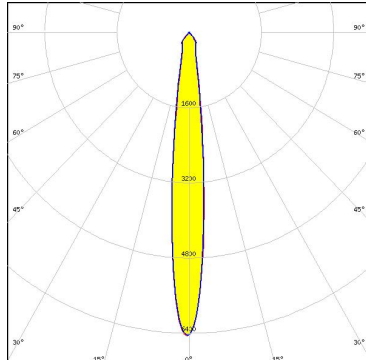

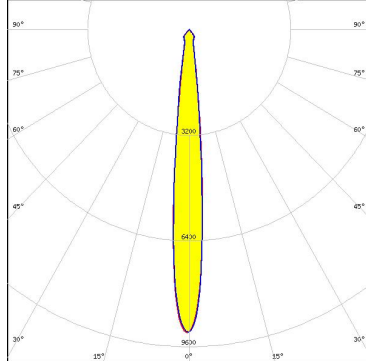
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1204/1205</p> <p>FWHM 13.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 5.600 cd/lm</p> <p>Required components: F15412_ANGELETTE-DL TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1204/1205</p> <p>FWHM 12.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 7.400 cd/lm</p> <p>Required components: TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM 15.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.600 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM 13.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 6.200 cd/lm</p> <p>Required components: TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		



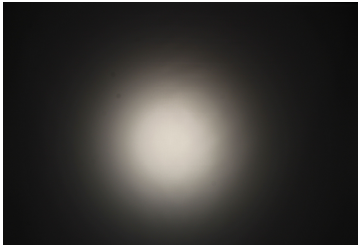
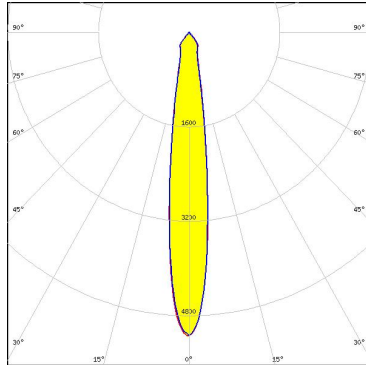

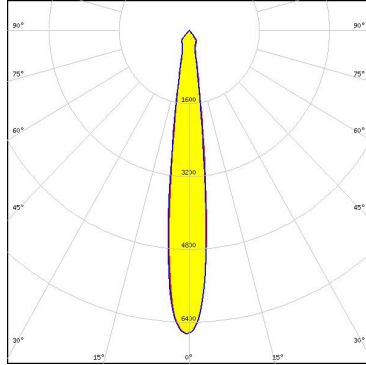

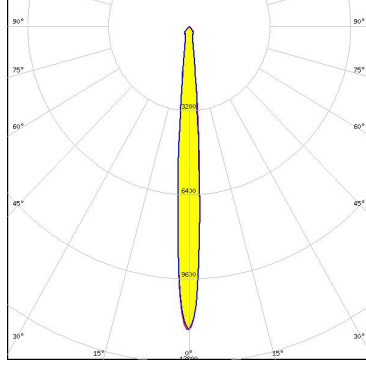

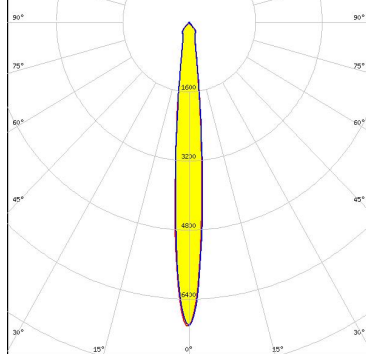
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM 16.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.000 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS IDEAL: 50-2100SH + 50-2100AN</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM 13.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 5.600 cd/lm</p> <p>Required components: IDEAL: 50-2100SH + 50-2100AN</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1211</p> <p>FWHM 17.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.200 cd/lm</p> <p>Required components: IDEAL: 50-2204-CT + 50-2100AN</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1211</p> <p>FWHM 18.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.300 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1216/1812</p> <p>FWHM 20.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 3.300 cd/lm</p> <p>Required components: IDEAL: 50-2204-CT + 50-2100AN</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1216/1812</p> <p>FWHM 21.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.700 cd/lm</p> <p>Required components: F13671_ANGE-RZ-LENS IDEAL: 50-2204-CT + 50-2100AN</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-14 (Dim-To-Warm)</p> <p>FWHM 12.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.400 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18 F13671_ANGE-RZ-LENS Bender Wirth: 491 Typ L2</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-14 (Dim-To-Warm)</p> <p>FWHM 11.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 9.200 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 491 Typ L2</p>		

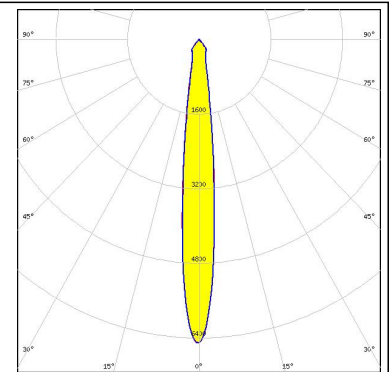
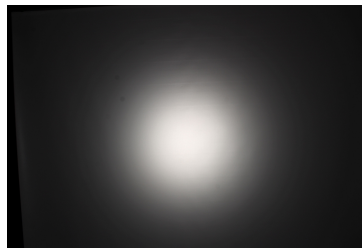
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMINUS</b></p> <p>LED CDM-18 (Dim-To-Warm)</p> <p>FWHM 15.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 5.100 cd/lm</p> <p>Required components:            C13658_CLAMP-VERO13-18            F13671_ANGE-RZ-LENS            Bender Wirth: 491 Typ L2</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-18 (Dim-To-Warm)</p> <p>FWHM 14.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 6.600 cd/lm</p> <p>Required components:            C13658_CLAMP-VERO13-18            Bender Wirth: 491 Typ L2</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM 8.4°</p> <p>Efficiency 89 %</p> <p>Peak intensity 11.600 cd/lm</p> <p>Required components:            C13658_CLAMP-VERO13-18            Bender Wirth: 490 Typ L1</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM 11.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 7.000 cd/lm</p> <p>Required components:            C13658_CLAMP-VERO13-18            F13671_ANGE-RZ-LENS            Bender Wirth: 490 Typ L1</p>		

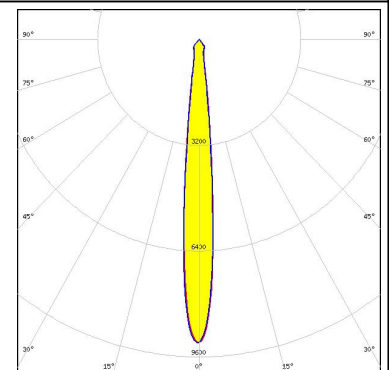
#### PHOTOMETRIC DATA (MEASURED):



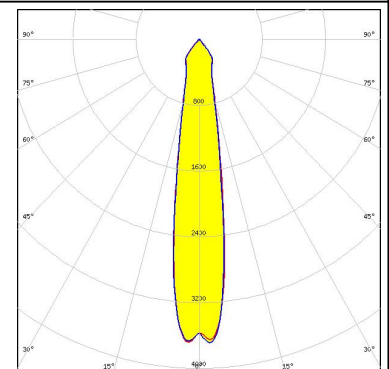
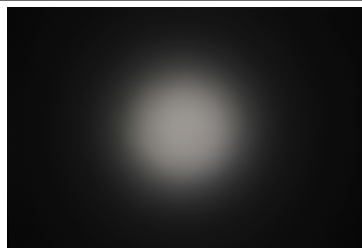
LED CTM-14 (Tunable White)  
FWHM 12.0°  
Efficiency 87 %  
Peak intensity 6.500 cd/lm  
Required components:  
C13584\_CLAMP-VERO29  
F13671\_ANGE-RZ-LENS  
Bender Wirth: 442 Typ L3



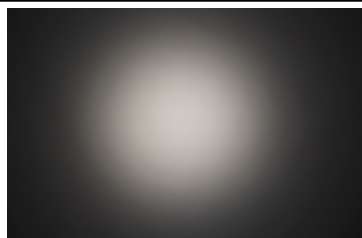
LED CTM-14 (Tunable White)  
FWHM 11.0°  
Efficiency 92 %  
Peak intensity 9.200 cd/lm  
Required components:  
C13584\_CLAMP-VERO29  
Bender Wirth: 442 Typ L3



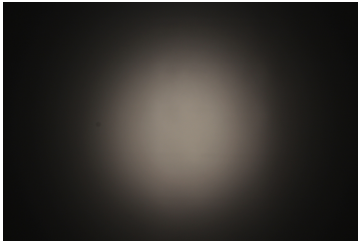
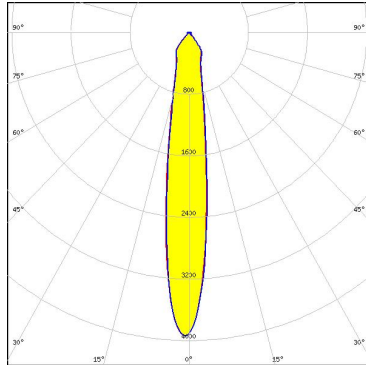
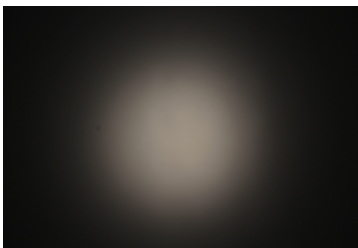
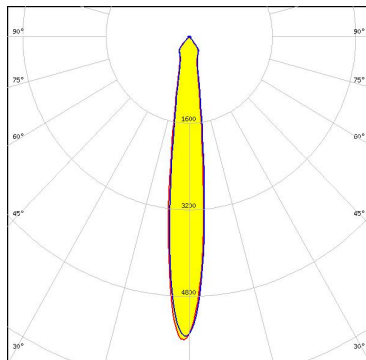

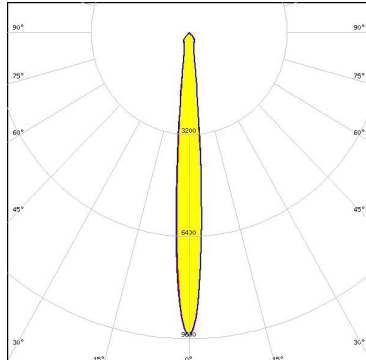

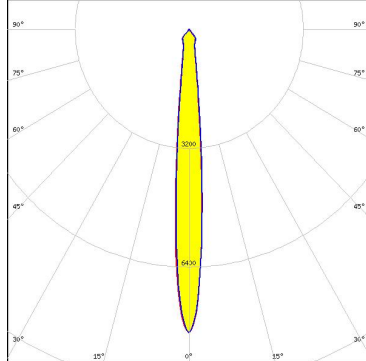
LED CTM-22 (Tunable White)  
FWHM 18.0°  
Efficiency 88 %  
Peak intensity 3.700 cd/lm  
Required components:  
C13584\_CLAMP-VERO29  
Bender Wirth: 494 Typ L3



LED CTM-22 (Tunable White)  
FWHM 19.0°  
Efficiency 84 %  
Peak intensity 3.100 cd/lm  
Required components:  
C13584\_CLAMP-VERO29  
F13671\_ANGE-RZ-LENS  
Bender Wirth: 494 Typ L3



#### PHOTOMETRIC DATA (MEASURED):

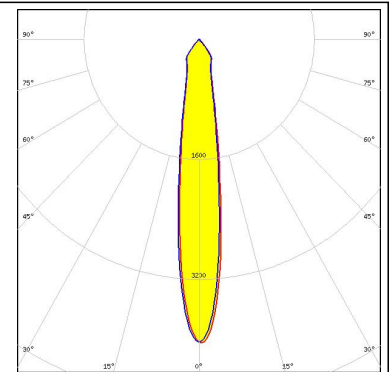
<p><b>NICHIA</b></p> <p>LED COB J-Type            FWHM 16.0°            Efficiency 86 %            Peak intensity 4.000 cd/lm            Required components:            F13671_ANGE-RZ-LENS            IDEAL: 50-2103NC + 50-2100AN</p>		
<p><b>NICHIA</b></p> <p>LED COB J-Type            FWHM 13.0°            Efficiency 91 %            Peak intensity 5.600 cd/lm            Required components:            IDEAL: 50-2103NC + 50-2100AN</p>		
<p><b>NICHIA</b></p> <p>LED COB L-Type (LES 11)            FWHM 10.0°            Efficiency 90 %            Peak intensity 9.500 cd/lm            Required components:            TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p><b>NICHIA</b></p> <p>LED COB L-Type (LES 11)            FWHM 10.0°            Efficiency 89 %            Peak intensity 8.200 cd/lm            Required components:            IDEAL: 50-2100NC + 50-2100AN</p>		



#### PHOTOMETRIC DATA (MEASURED):

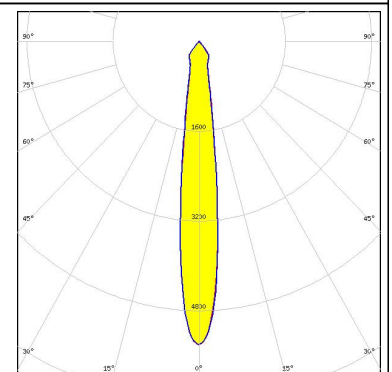
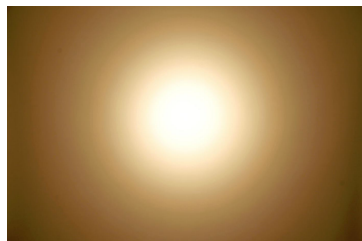
#### OSRAM

LED PrevaLED Core Z4 LES19  
 FWHM 16.0°  
 Efficiency 86 %  
 Peak intensity 4.000 cd/lm  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



#### OSRAM

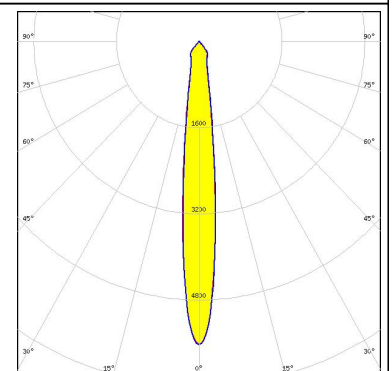
LED PrevaLED Core Z4 LES19  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 5.400 cd/lm  
 Required components:  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



#### OSRAM

Opto Semiconductors

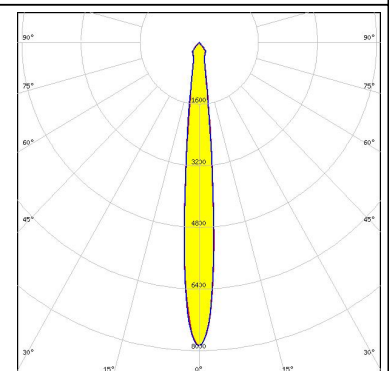
LED Soleriq S13 Gen2  
 FWHM 13.0°  
 Efficiency 85 %  
 Peak intensity 5.600 cd/lm  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1




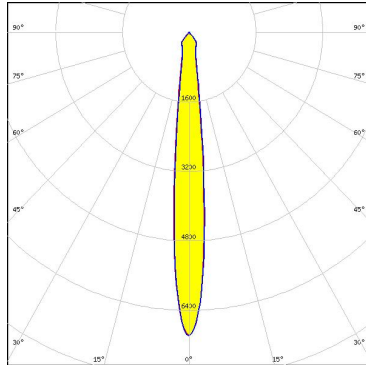
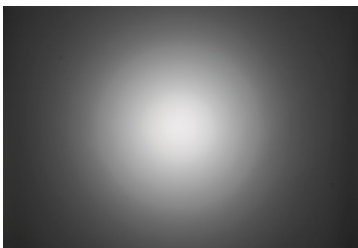
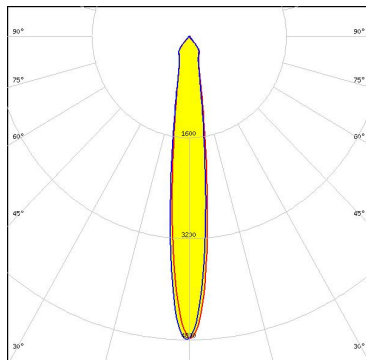

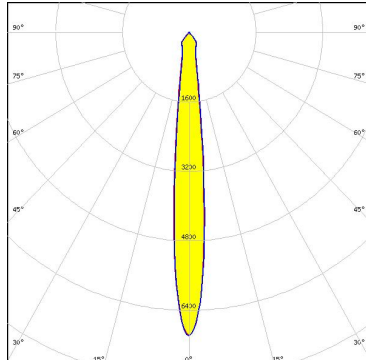
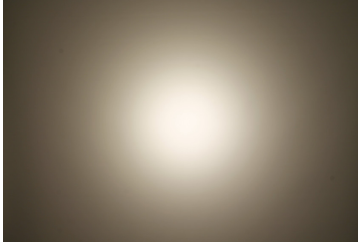
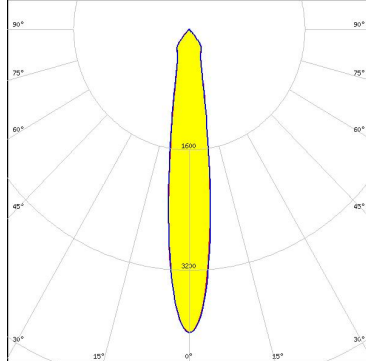
#### OSRAM

Opto Semiconductors

LED Soleriq S13 Gen2  
 FWHM 11.0°  
 Efficiency 89 %  
 Peak intensity 7.900 cd/lm  
 Required components:  
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Soleriq S13 Gen2            FWHM 12.0°            Efficiency 89 %            Peak intensity 7.000 cd/lm            Required components:            IDEAL: 50-2103CT + 50-2100AN</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Soleriq S13 Gen2            FWHM 14.0°            Efficiency 84 %            Peak intensity 4.800 cd/lm            Required components:            F13671_ANGE-RZ-LENS            IDEAL: 50-2103CT + 50-2100AN</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Soleriq S13 Gen2            FWHM 12.0°            Efficiency 89 %            Peak intensity 7.000 cd/lm            Required components:            IDEAL: 50-2103CT + 50-2100AN</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Soleriq S19            FWHM 16.0°            Efficiency 85 %            Peak intensity 4.000 cd/lm            Required components:            F13671_ANGE-RZ-LENS            TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		

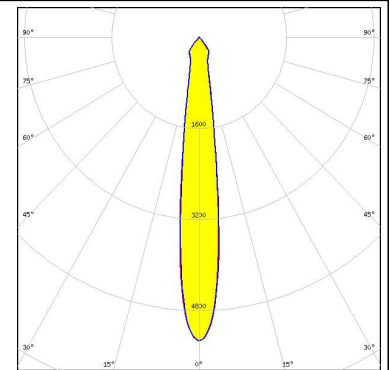
#### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Soleriq S19  
FWHM 14.0°  
Efficiency 90 %  
Peak intensity 5.300 cd/lm

Required components:

TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1

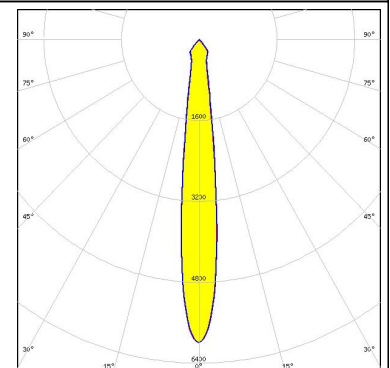


**PHILIPS**

LED Fortimo SLM L15 Standard  
FWHM 13.0°  
Efficiency 89 %  
Peak intensity 6.000 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



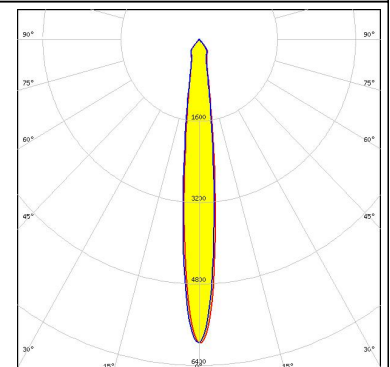
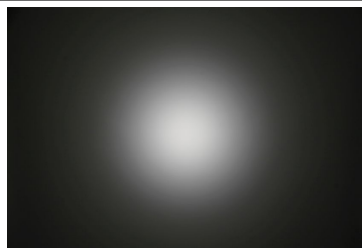
**SAMSUNG**

LED LC040C  
FWHM 12.0°  
Efficiency 86 %  
Peak intensity 6.000 cd/lm

Required components:

F13671\_ANGE-RZ-LENS

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

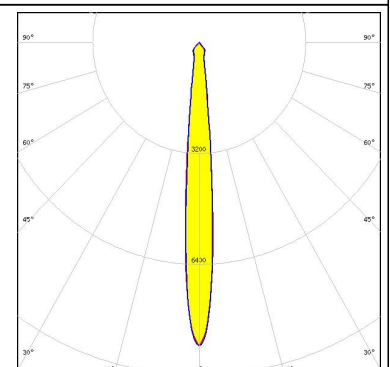


**SAMSUNG**


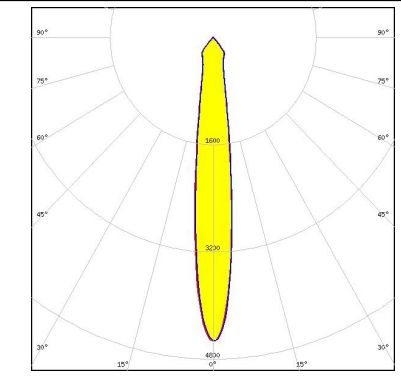

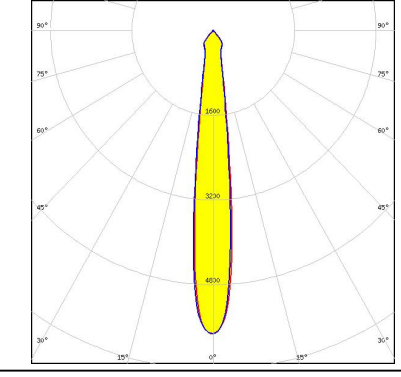

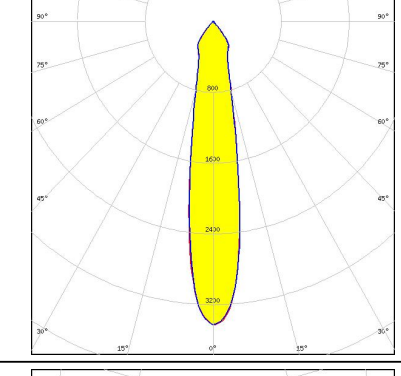

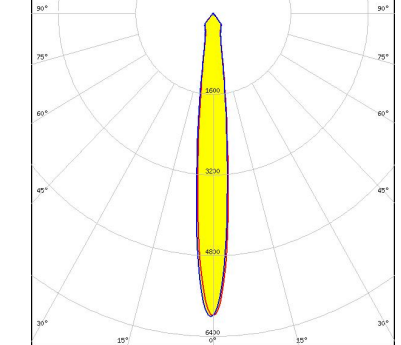
LED LC040C  
FWHM 10.0°  
Efficiency 90 %  
Peak intensity 8.800 cd/lm

Required components:

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



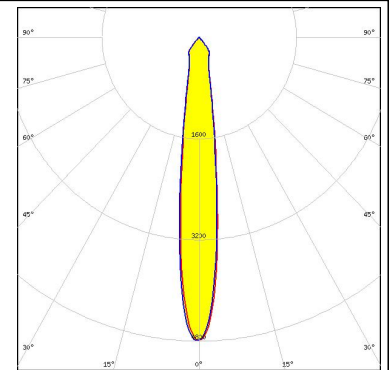
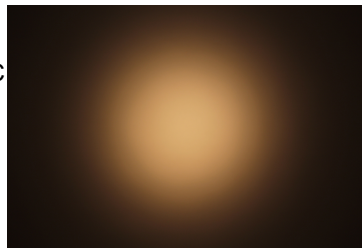
#### PHOTOMETRIC DATA (MEASURED):

<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED AC Zhaga COB            FWHM 14.0°            Efficiency 85 %            Peak intensity 4.500 cd/lm            Required components:            F13671_ANGE-RZ-LENS            Optosource: SEHSMJD-A</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED MJT COB LES 14.5            FWHM 14.0°            Efficiency 89 %            Peak intensity 5.700 cd/lm            Required components:            TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED MJT COB LES 22            FWHM 19.0°            Efficiency 88 %            Peak intensity 3.400 cd/lm            Required components:            C13584_CLAMP-VERO29            Bender Wirth: 431 Typ L3</p>		
<p><b>TRIDONIC</b></p> <p>LED SLE G1 11mm 1000lm 927 Sunset R EXC            FWHM 12.0°            Efficiency 86 %            Peak intensity 6.000 cd/lm            Required components:            F13671_ANGE-RZ-LENS            TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		

#### PHOTOMETRIC DATA (MEASURED):

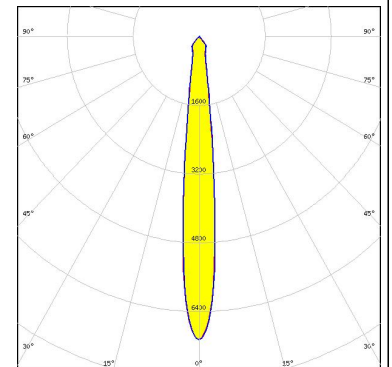
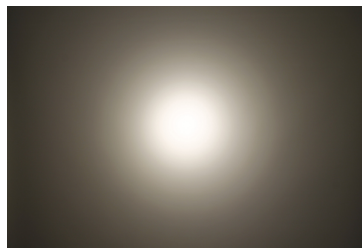
#### TRIDONIC

LED SLE G1 15mm 2000lm 927 Sunset R EXC  
 FWHM 14.0°  
 Efficiency 86 %  
 Peak intensity 4.800 cd/lm  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



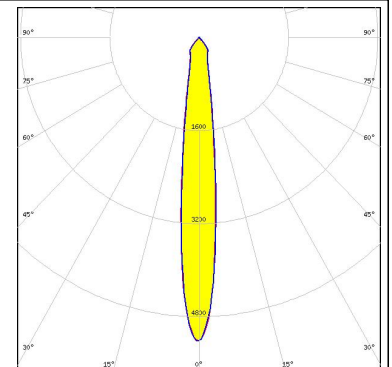
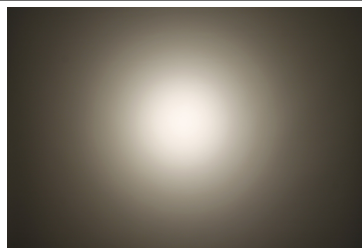
#### VS LIGHTING SOLUTIONS

LED WU-M-484  
 FWHM 12.0°  
 Efficiency 89 %  
 Peak intensity 7.100 cd/lm  
 Required components:  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



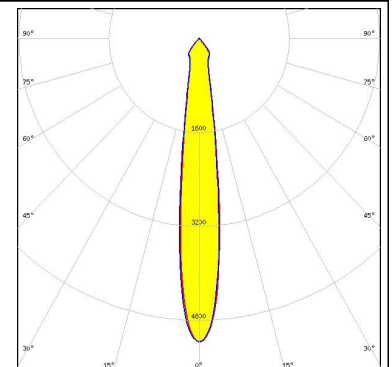
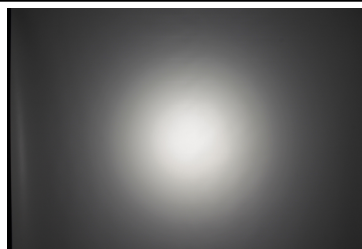
#### VS LIGHTING SOLUTIONS

LED WU-M-484  
 FWHM 13.0°  
 Efficiency 85 %  
 Peak intensity 5.200 cd/lm  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



#### XICATO

LED XTM - 19mm LES  
 FWHM 15.0°  
 Efficiency 91 %  
 Peak intensity 5.200 cd/lm  
 Required components:  
 C16491\_XTM-ADAPTER-50-A





#### PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 12.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 7.980 cd/lm</p> <p>Required components: IDEAL: 50-2103CT + 50-2100AN</p>	
<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 11.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 10.670 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 477 Typ L1</p>	
<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM 14.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 5.753 cd/lm</p> <p>Required components: IDEAL: 50-2204-CT + 50-2100AN</p>	
<p><b>TRIDONIC</b></p> <p>LED SLE G6 LES15</p> <p>FWHM 11.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 10.800 cd/lm</p> <p>Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	

## PHOTOMETRIC DATA (SIMULATED):

### TRIDONIC

LED SLE G6 LES17

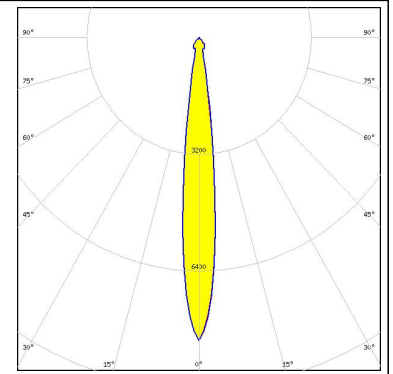
FWHM 13.0°

Efficiency 88 %

Peak intensity 0.000 cd/lm

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.

#### 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/where\\_to\\_buy](http://www.ledil.com/where_to_buy)