


## ANGELETTE-S-B-PLAIN

~10° spot beam. Clean appearance with no additional attachment interface and compatible with BJB connectors.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
ROHS compliant	yes 

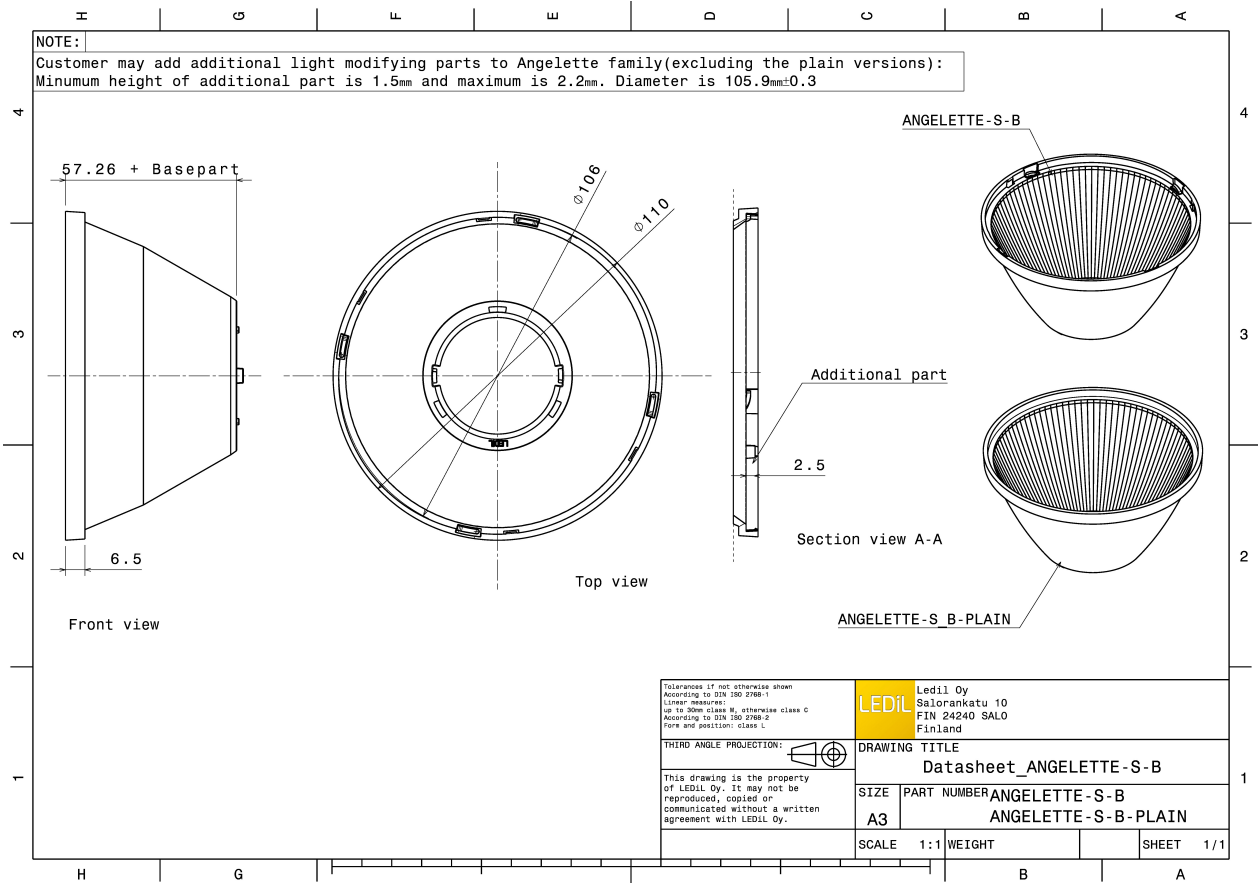
### MATERIAL SPECIFICATIONS:

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


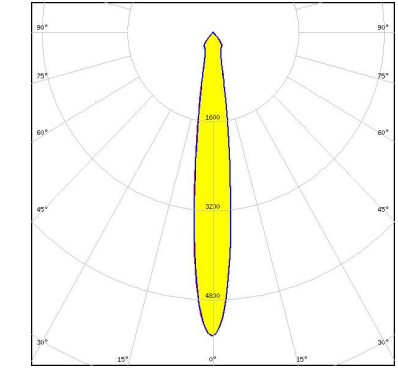

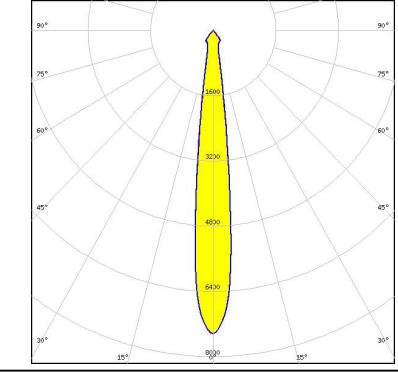
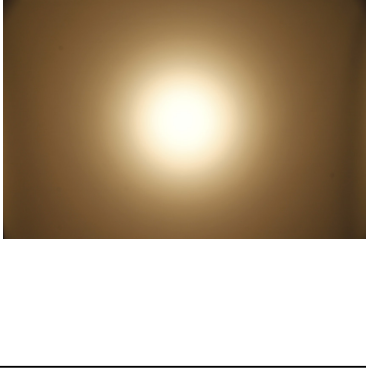
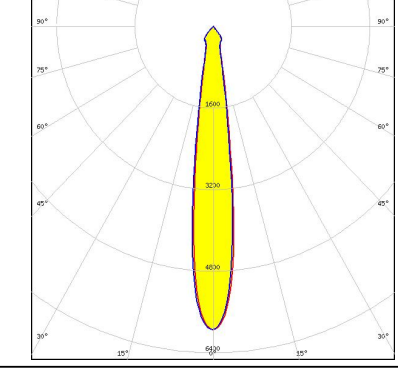

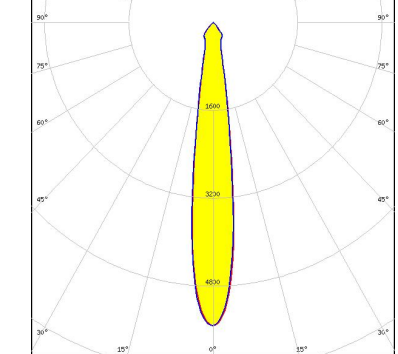


### ORDERING INFORMATION:

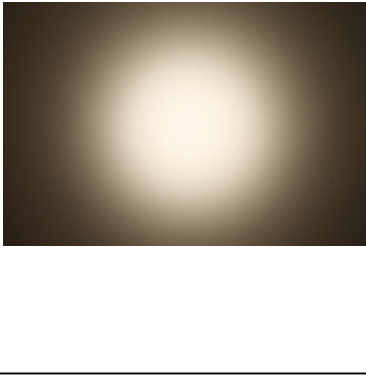
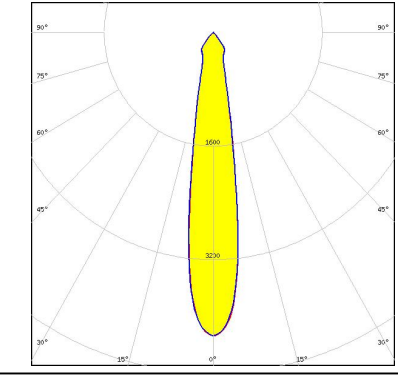
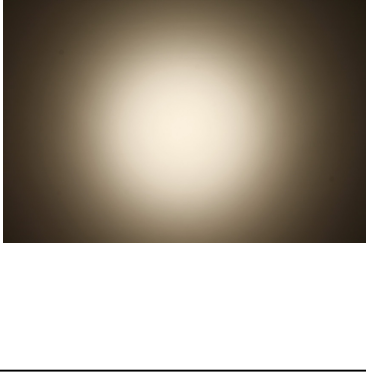
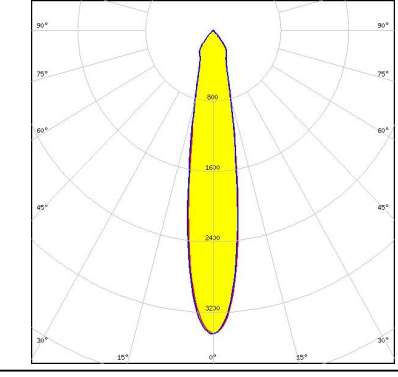
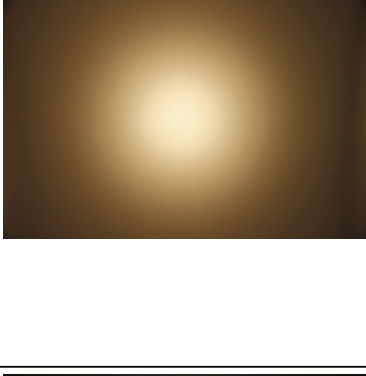
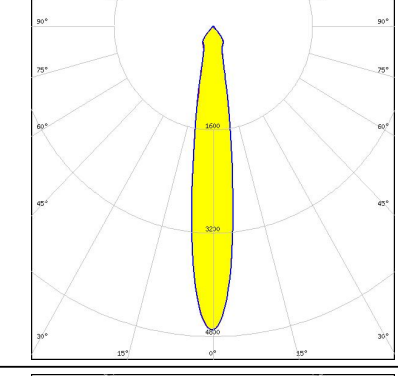


Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14624_ANGELETTE-S-B-PLAIN » Box size: 398 x 298 x 265 mm	180	90	45	7.6



#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V15 Gen6            FWHM 14.0°            Efficiency 87 %            Peak intensity 5.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F13671_ANGE-RZ-LENS            BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V15 Gen6            FWHM 13.0°            Efficiency 91 %            Peak intensity 7.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V18 Gen6            FWHM 15.0°            Efficiency 91 %            Peak intensity 6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2274</p>		
<p>bridgelux.</p> <p>LED V18 Gen7            FWHM 15.0°            Efficiency 91 %            Peak intensity 5.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2350</p>		

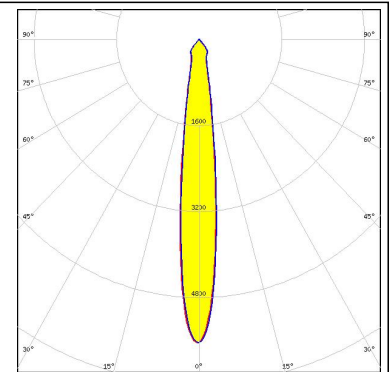
#### PHOTOMETRIC DATA (MEASURED):

<p><b>bridgelux.</b></p> <p>LED V22 Gen6            FWHM 18.0°            Efficiency 89 %            Peak intensity 4.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8102/G2</p>		
<p><b>bridgelux.</b></p> <p>LED V22 Gen6            FWHM 19.0°            Efficiency 85 %            Peak intensity 3.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F13671_ANGE-RZ-LENS            A.A.G. STUCCHI: 8102/G2</p>		
<p><b>bridgelux.</b></p> <p>LED V22 Gen6            FWHM 16.0°            Efficiency 88 %            Peak intensity 4.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F13671_ANGE-RZ-LENS            BJB: 47.319.2274</p>		
<p><b>CREE</b> ⇄</p> <p>LED CXA/B 1816 &amp; CXA/B 1820 &amp; CXA 1850            FWHM 10.0°            Efficiency 90 %            Peak intensity 9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

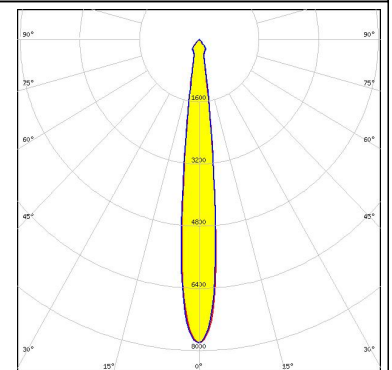
#### LUMILEDS

LED LUXEON CoB 1208  
 FWHM 14.0°  
 Efficiency 87 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 A.A.G. STUCCHI: 8301/G2



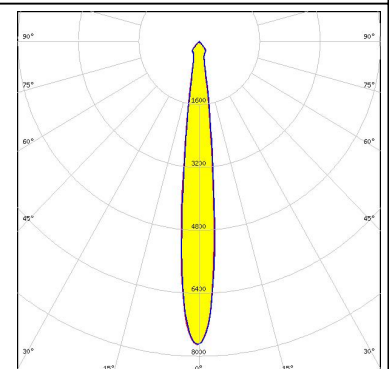
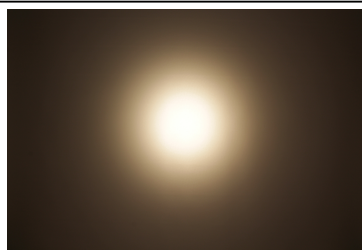
#### LUMILEDS

LED LUXEON CoB 1208  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 7.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 A.A.G. STUCCHI: 8301/G2



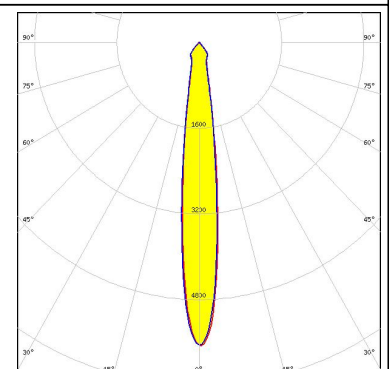
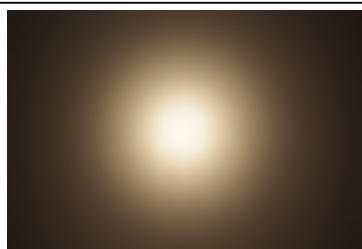
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 A.A.G. STUCCHI: 8101/G2



#### SAMSUNG

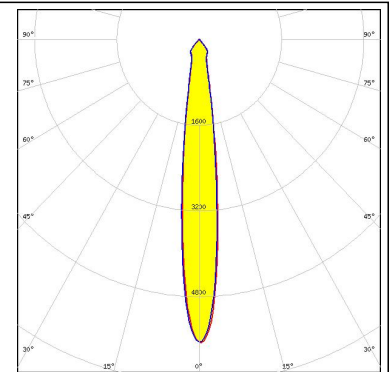
LED LC016D / LC019D / LC026D / LC033D  
 FWHM 14.0°  
 Efficiency 88 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 BJB: 47.319.2021



#### PHOTOMETRIC DATA (MEASURED):

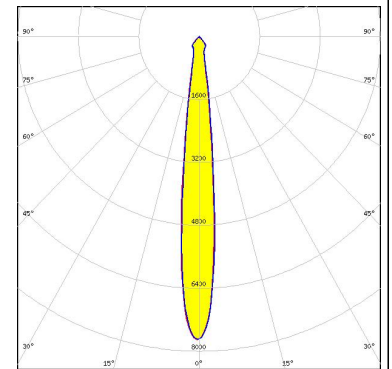
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 14.0°  
 Efficiency 88 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F13671\_ANGE-RZ-LENS  
 A.A.G. STUCCHI: 8101/G2



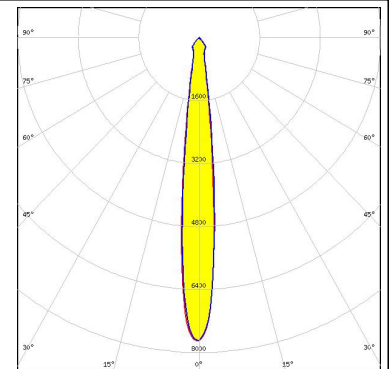
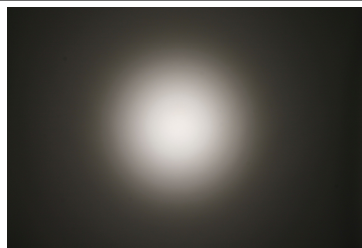
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2021



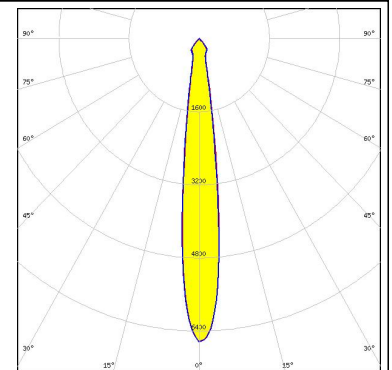
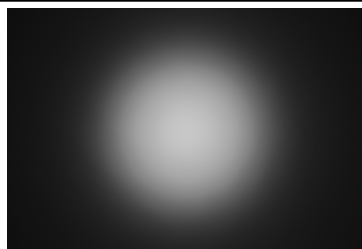
SEOUL SEMICONDUCTOR

LED AC Zhaga COB  
 FWHM 12.0°  
 Efficiency 90 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### XICATO

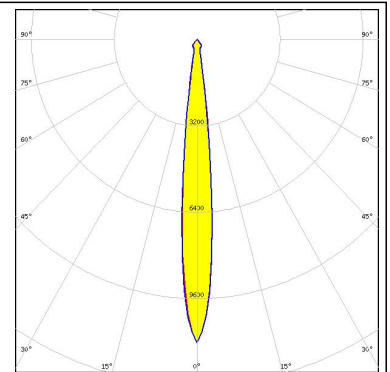
LED XTM - 19mm LES  
 FWHM 14.0°  
 Efficiency 92 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15743\_XTM-ADAPTER-50-B



#### PHOTOMETRIC DATA (SIMULATED):

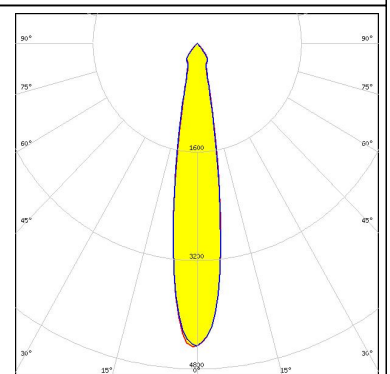
#### CITIZEN

LED CLL03x/CLU03x  
FWHM 12.0°  
Efficiency 94 %  
Peak intensity 11.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.2021



#### SAMSUNG

LED LC040D / LC060D / LC080D  
FWHM 18.0°  
Efficiency 88 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.2030



#### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

#### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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[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)



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Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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