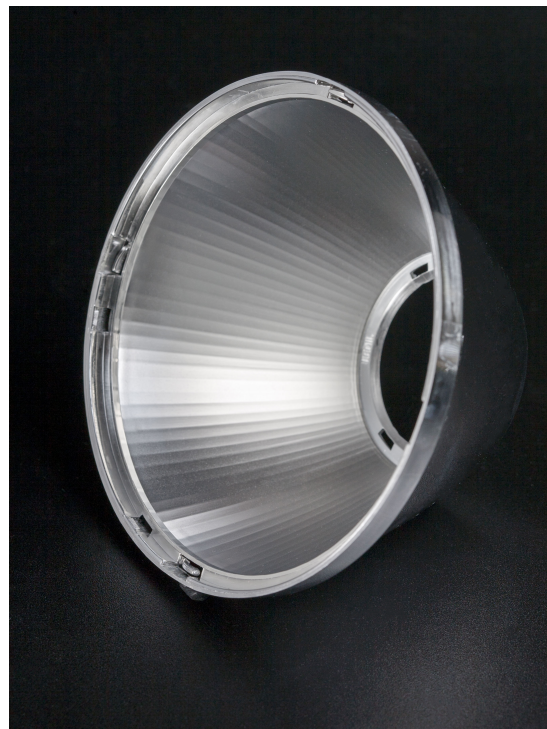


ANGELETTE-S-B

~10° spot beam compatible with BJB and B+W connectors

SPECIFICATION:

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

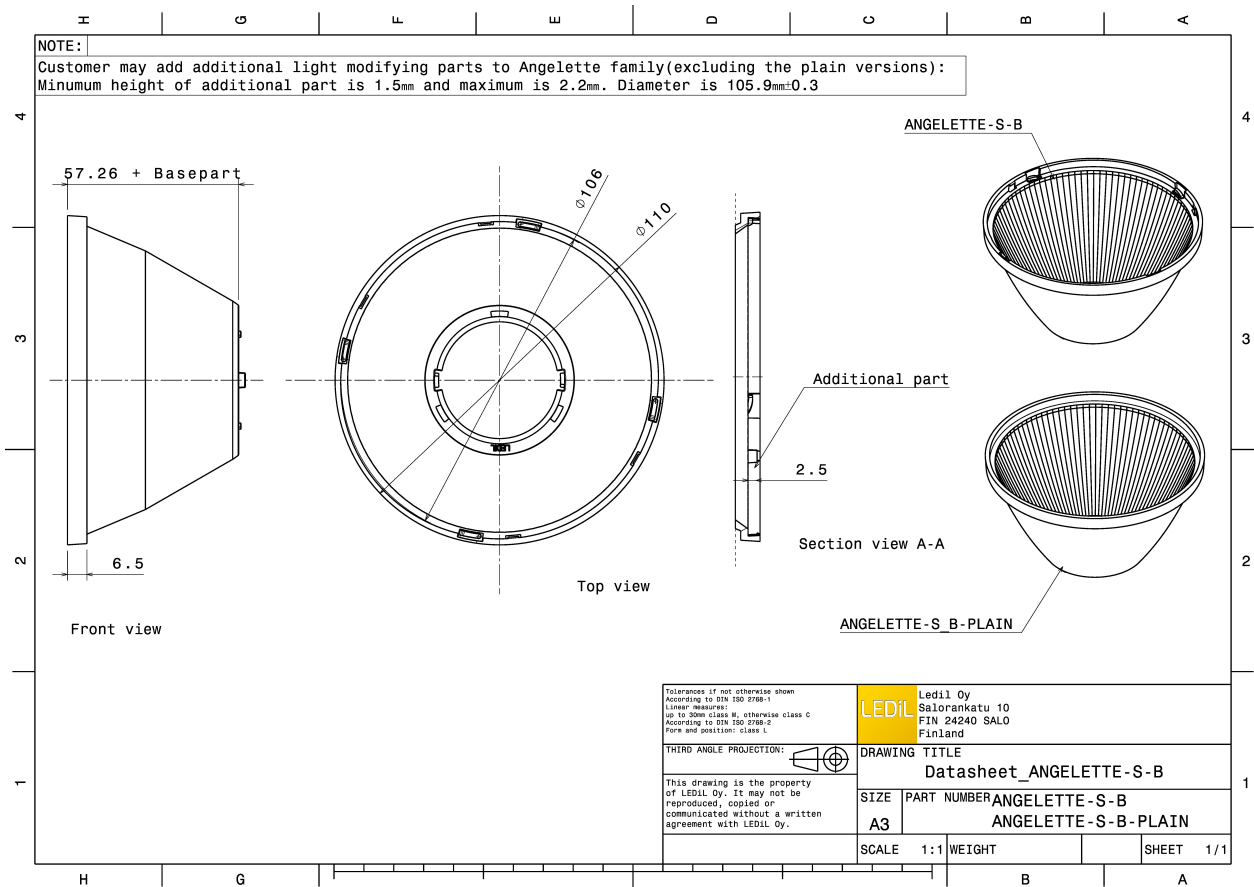


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14616_ANGELETTE-S-B » Box size: 398 x 298 x 265 mm	180	90	45	7.4

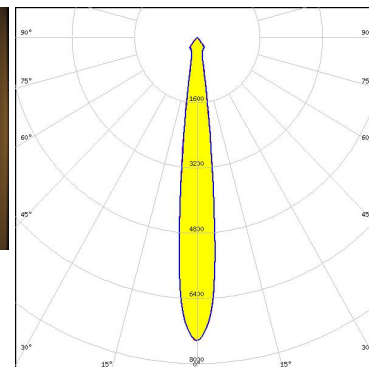


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



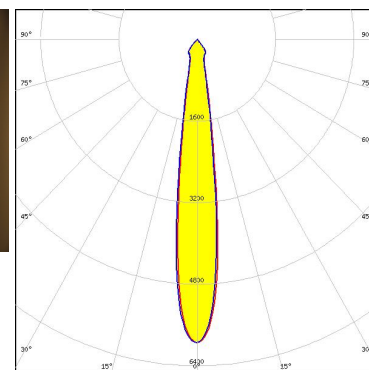
LED V15 Gen6
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2224



Light distribution files



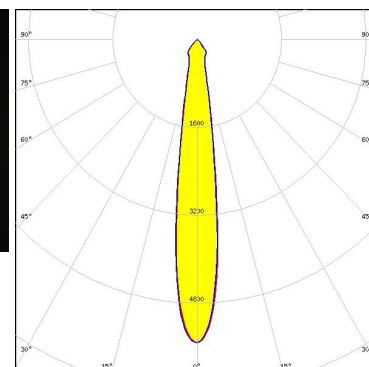
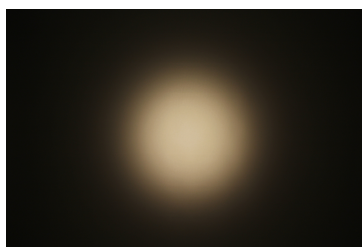
LED V18 Gen6
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 91 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2274



Light distribution files



LED V18 Gen7
 FWHM / FWTM 15.0° / 33.0°
 Efficiency 91 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2350

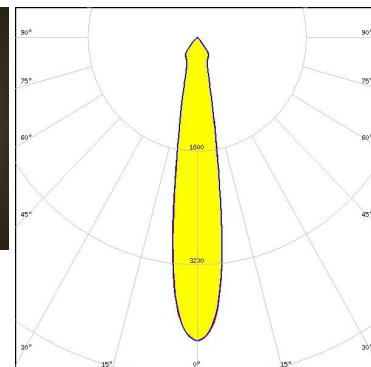
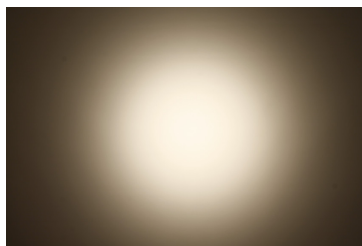


Light distribution files

OPTICAL RESULTS (MEASURED):



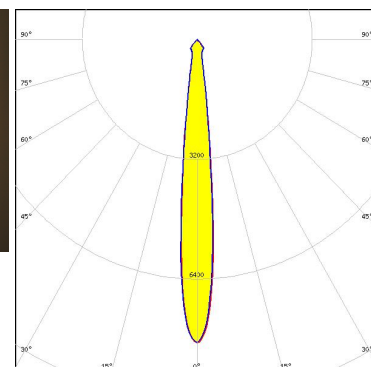
LED V22 Gen6
FWHM / FWTM 18.0° / 42.0°
Efficiency 89 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
A.A.G. STUCCHI: 8102-G2



Light distribution files

CITIZEN

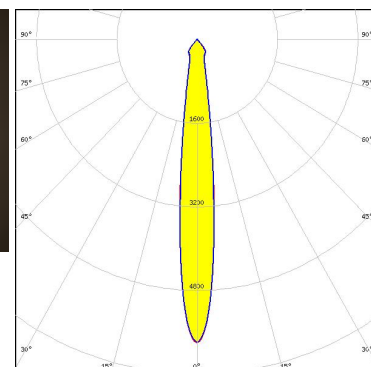
LED CLU03x
FWHM / FWTM 12.0° / 25.0°
Efficiency 90 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
A.A.G. STUCCHI: 8101-G2



Light distribution files

CITIZEN

LED CLU03x
FWHM / FWTM 13.0° / 33.0°
Efficiency 87 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2026

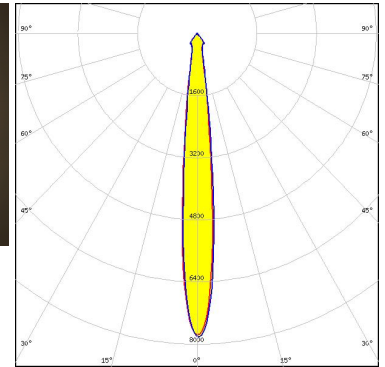


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

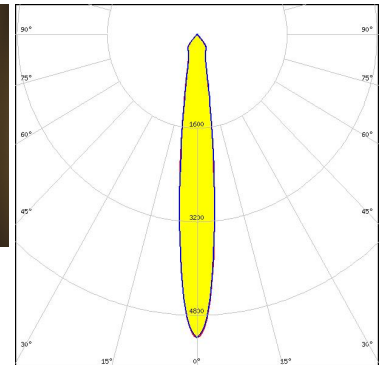
LED CLU03x
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 88 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15176_ANGELETTE-LENS
 BJB: 47.319.2021



Light distribution files

CITIZEN

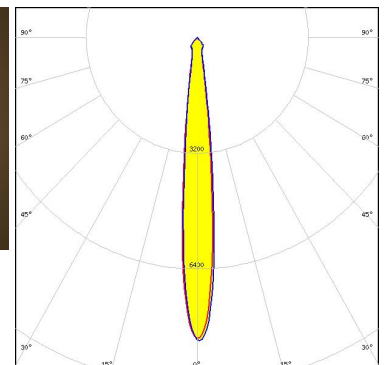
LED CLU03x
 FWHM / FWTM 14.0° / 36.0°
 Efficiency 85 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101-G2



Light distribution files

CITIZEN

LED CLU03x
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 91 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2021

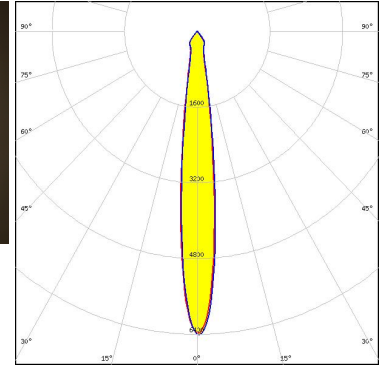


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

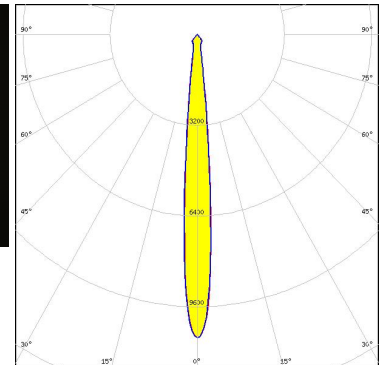
LED CLU03x
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 88 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15412_ANGELETTE-DL
 BJB: 47.319.2021



Light distribution files



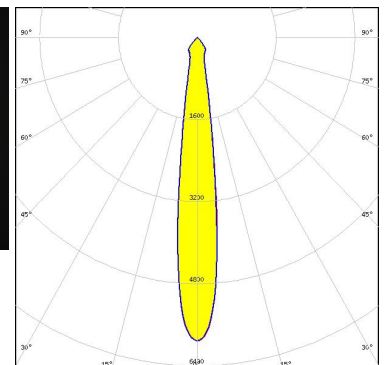
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 91 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 A.A.G. STUCCHI: 8403/G2



Light distribution files



LED CXA/B 25xx
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 90 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 A.A.G. STUCCHI: 8401-G2

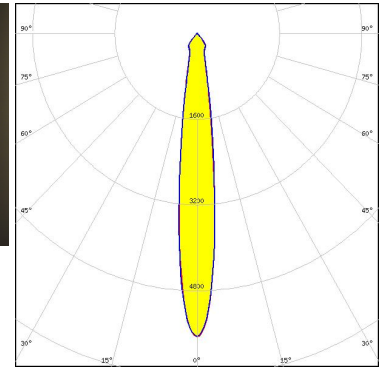


Light distribution files

OPTICAL RESULTS (MEASURED):



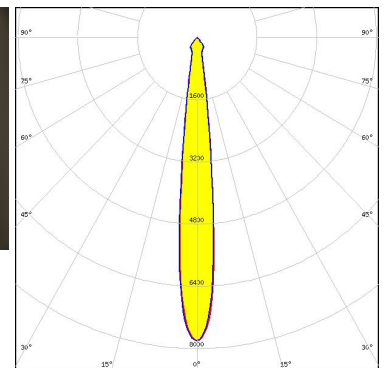
LED LUXEON CoB 1208
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 87 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8301-G2



Light distribution files



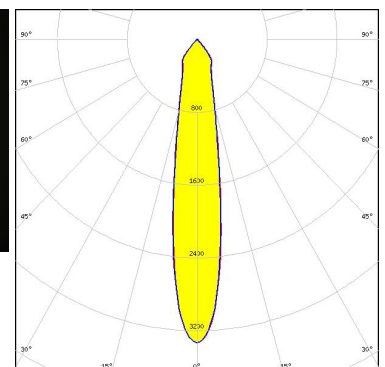
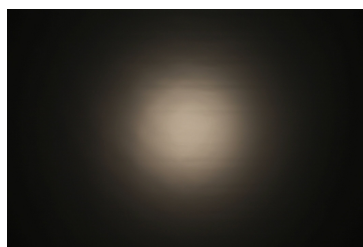
LED LUXEON CoB 1208
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 A.A.G. STUCCHI: 8301-G2



Light distribution files



LED Fortimo SLM L19 CoB
 FWHM / FWTM 18.0° / 58.0°
 Efficiency 86 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030

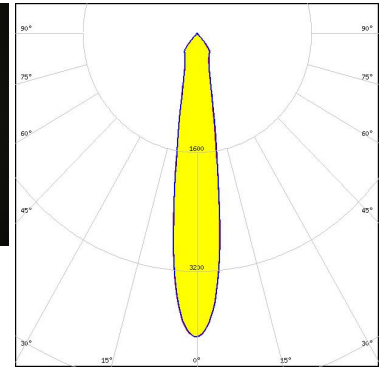
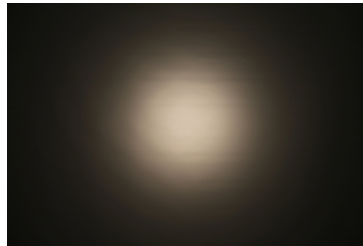


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

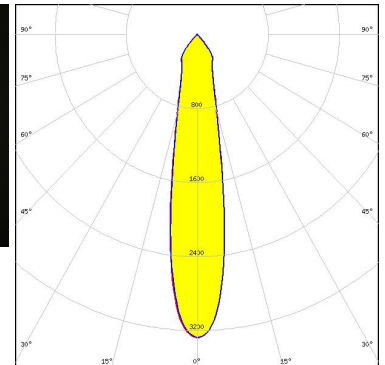
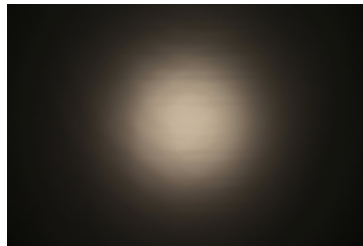
LED Fortimo SLM L19 CoB
 FWHM / FWTM 17.0° / 48.0°
 Efficiency 90 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2030



Light distribution files

PHILIPS

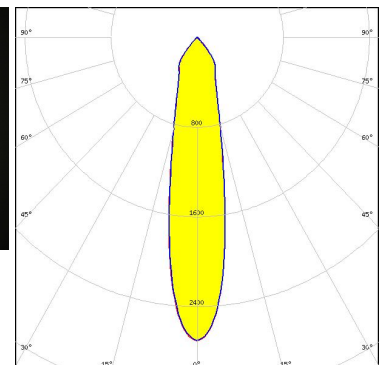
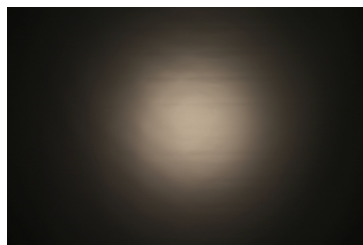
LED Fortimo SLM L23 CoB
 FWHM / FWTM 20.0° / 64.0°
 Efficiency 90 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2030



Light distribution files

PHILIPS

LED Fortimo SLM L23 CoB
 FWHM / FWTM 22.0° / 72.0°
 Efficiency 85 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030

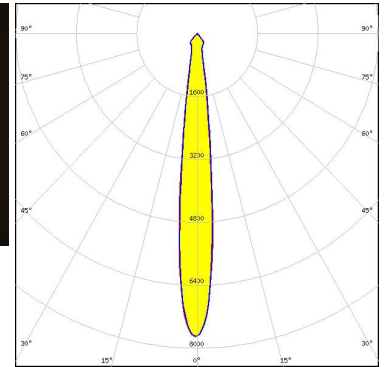


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

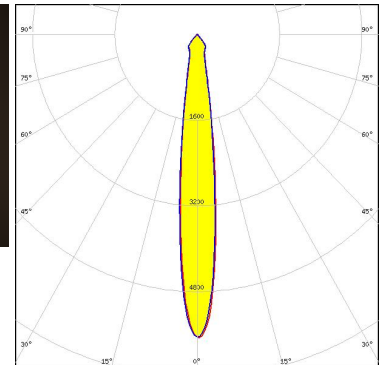
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2021



Light distribution files

SAMSUNG

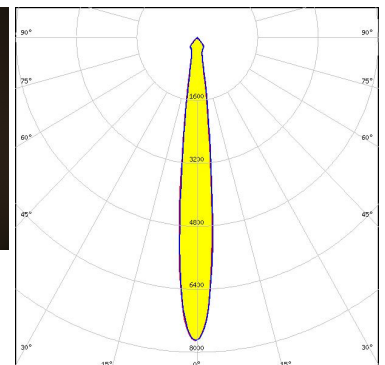
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 88 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2021



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 A.A.G. STUCCHI: 8101-G2

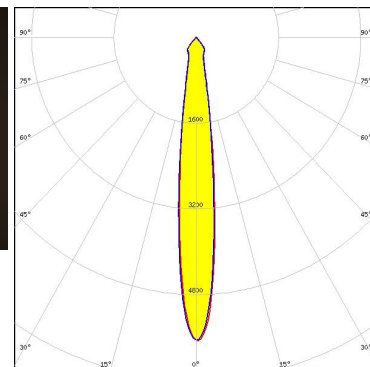
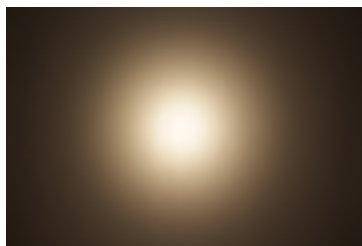


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

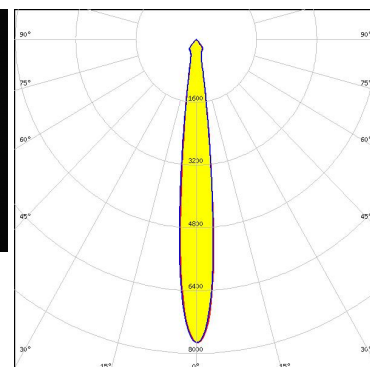
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 88 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101-G2



Light distribution files

TRIDONIC

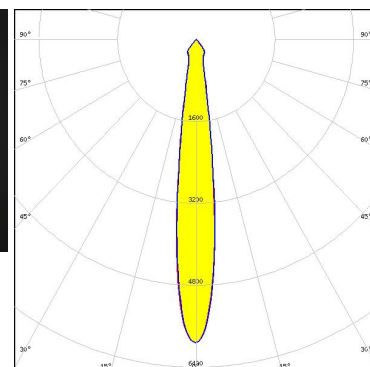
LED SLE G7 LES15
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.319.2021



Light distribution files

TRIDONIC

LED SLE G7 LES17 H
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 89 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

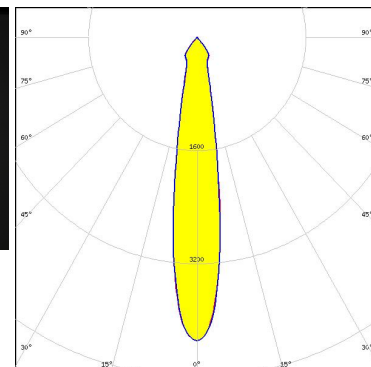


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

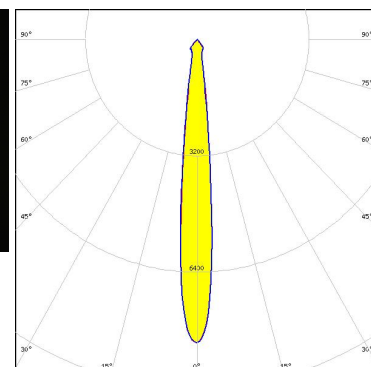
LED SLE G7 LES21 H
FWHM / FWTM 18.0° / 42.0°
Efficiency 89 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

XICATO

LED XOB 14.5 mm
FWHM / FWTM 11.0° / 24.0°
Efficiency 92 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
BJB: 47.319.2021



Light distribution files

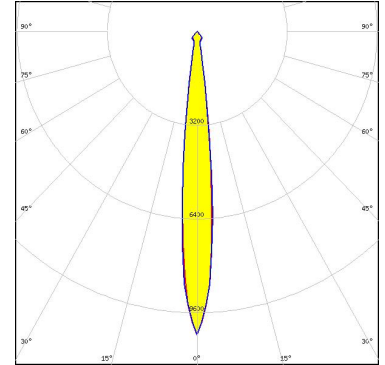
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU03x
FWHM / FWTM 12.0° / 22.0°
Efficiency 90 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

BJB: 47.319.2021

Light distribution files

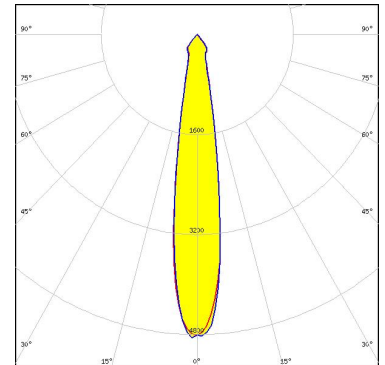


CITIZEN

LED CLU04x
FWHM / FWTM 17.0° / 37.0°
Efficiency 89 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

BJB: 47.319.2030

Light distribution files



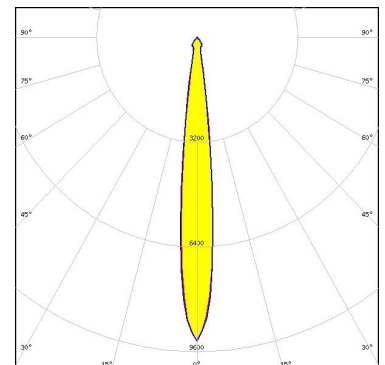
LUMILEDS

LED LUXEON CoB 1208
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

F15412_ANGELETTE-DL

A.A.G. STUCCHI: 8301-G2

Light distribution files

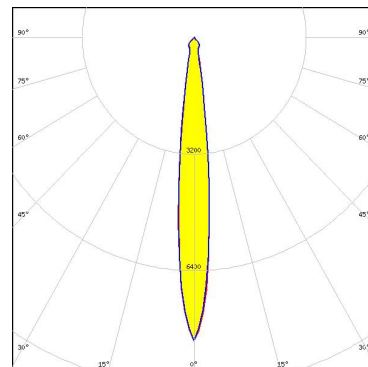


OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1208
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 87 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F13671_ANGE-RZ-LENS

A.A.G. STUCCHI: 8301-G2

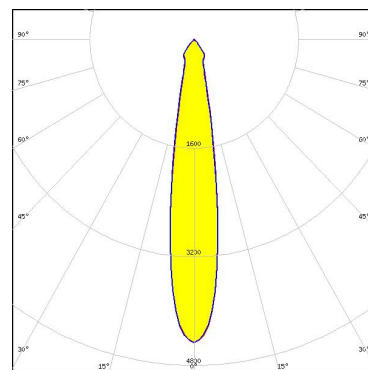


Light distribution files



LED LC040D / LC060D / LC080D
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 88 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.319.2030



Light distribution files

GENERAL INFORMATION:

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

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

MATERIALS:

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

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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

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LEDiL Oy

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P.R.CHINA

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