

AMY-45-WW

~60° wide beam

SPECIFICATION:

Dimensions	Ø
Height	0 mm
Fastening	screw
ROHS compliant	yes ⓘ

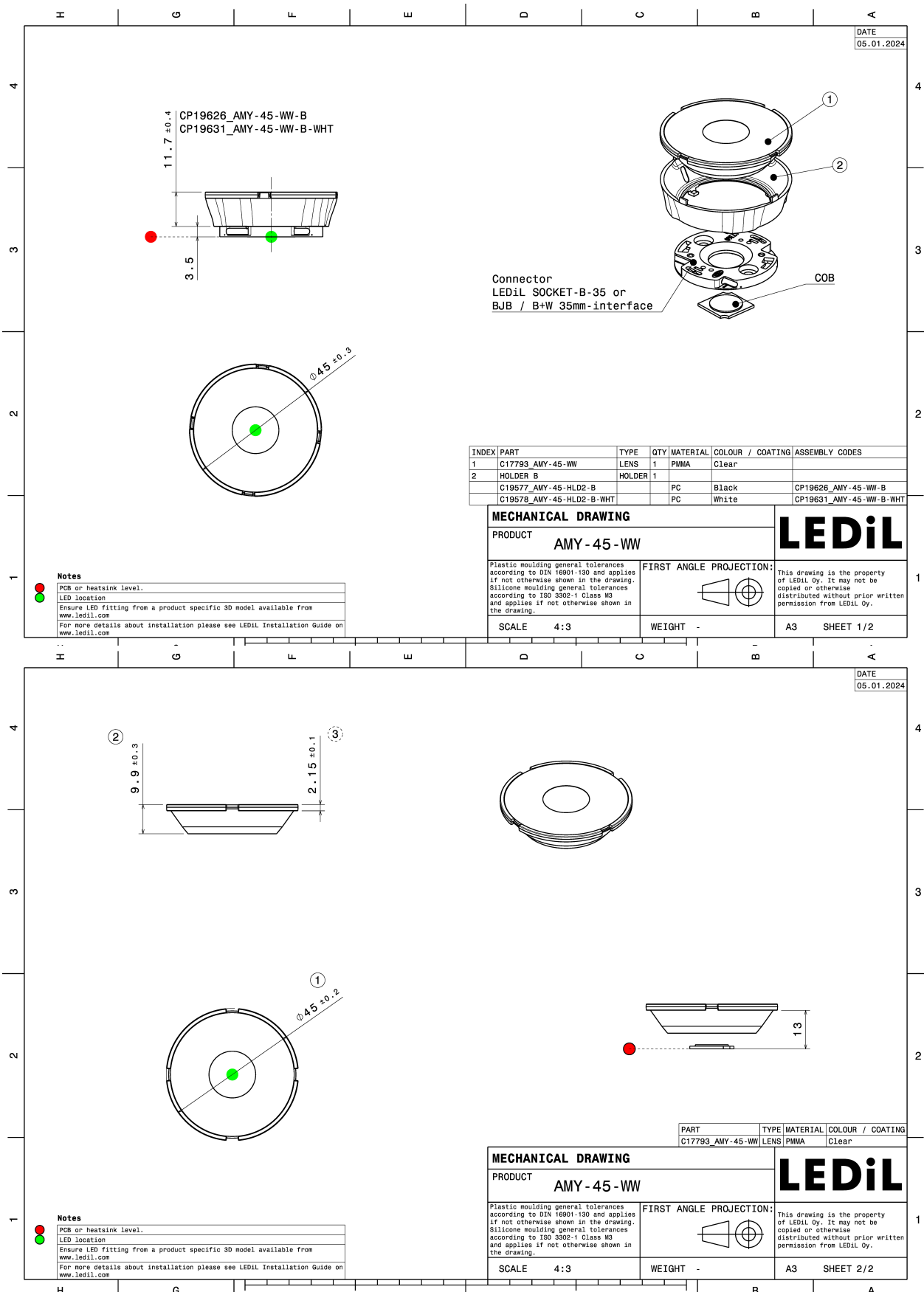
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-45-WW	Single lens	PMMA			
AMY-45-HLD2-B	Holder B	PC	black		
AMY-45-HLD2-B-WHT	Holder B	PC	white		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17793_AMY-45-WW	1035	180	45	8.8
Assembly				
CP19631_AMY-45-WW-B-WHT	900	180	45	10.2
CP19626_AMY-45-WW-B	900	180	45	10.2

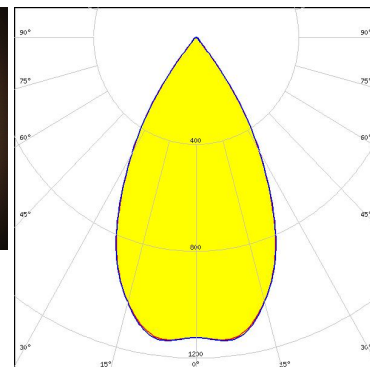
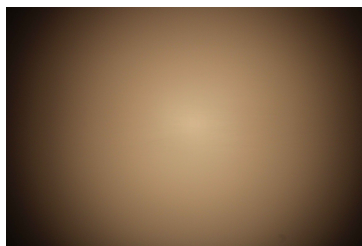


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



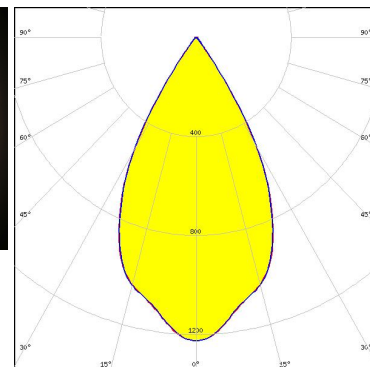
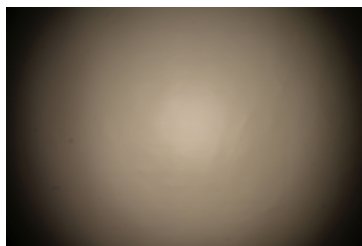
LED V11 HD Gen 8
Ordering code C17793_AMY-45-WW
FWHM / FWTM 56.0° / 78.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 633d Hekla



Light distribution files



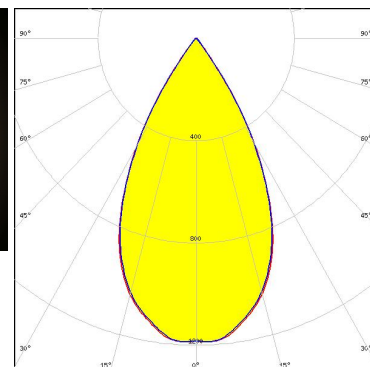
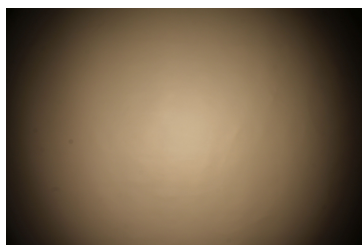
LED V6 HD Gen 7
Ordering code C17793_AMY-45-WW
FWHM / FWTM 56.0° / 74.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED V9 HD Gen7
Ordering code C17793_AMY-45-WW
FWHM / FWTM 55.0° / 75.0°
Efficiency 89 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I

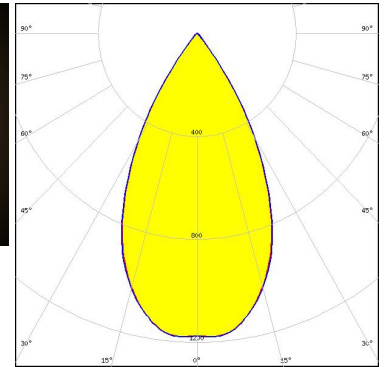
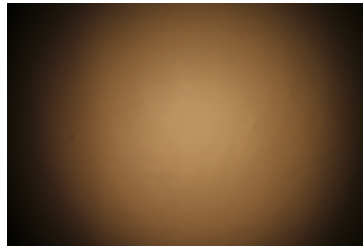


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

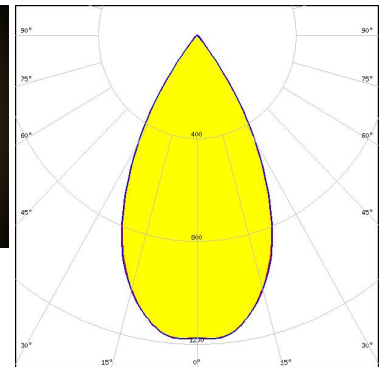
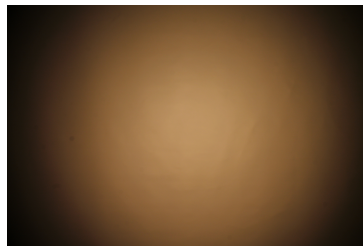
LED CLU02x (LES10)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

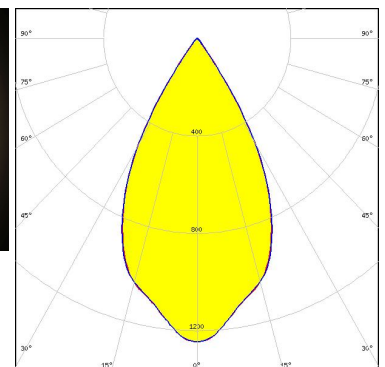
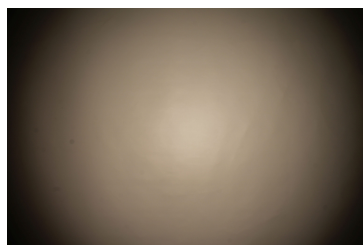
LED CLU02x (LES10)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU700/701/702/703
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 73.0°
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

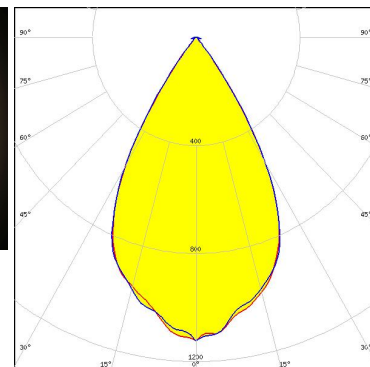
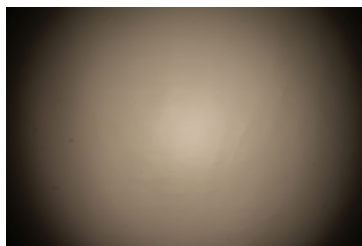


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

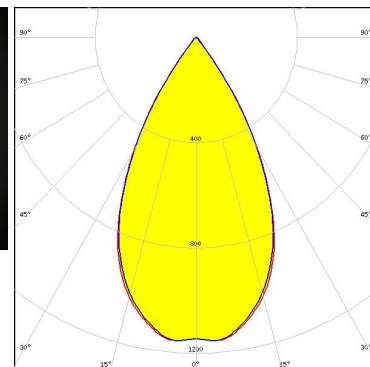
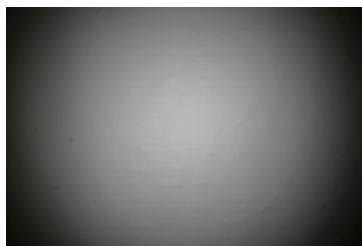
LED CLU700/701/702/703
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 73.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



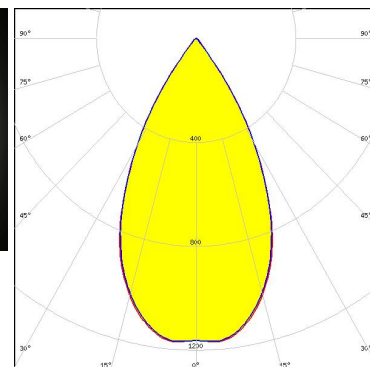
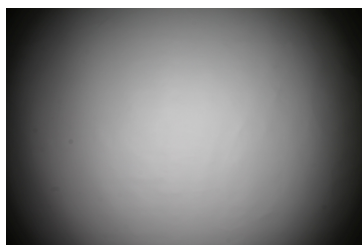
LED CMA1516
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D



Light distribution files



LED CMT14xx
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

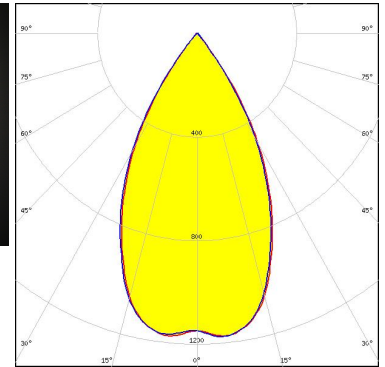
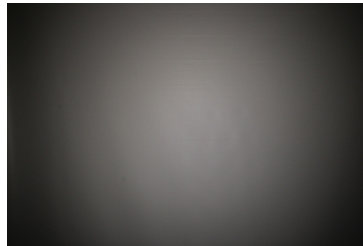


Light distribution files

OPTICAL RESULTS (MEASURED):



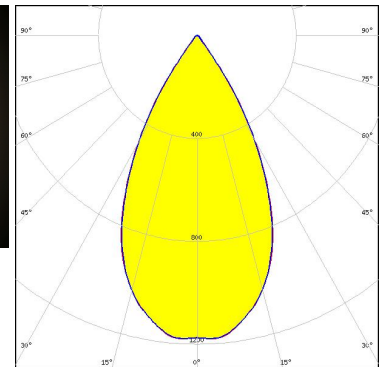
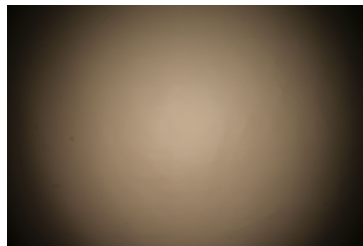
LED CMU10xx
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020



Light distribution files



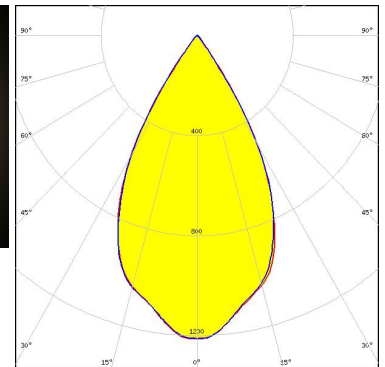
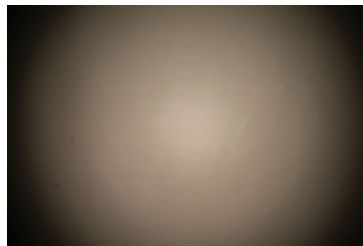
LED LUXEON CoB 1202/1203
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H



Light distribution files



LED LUXEON CoB 1202s
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 57.0° / 74.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G

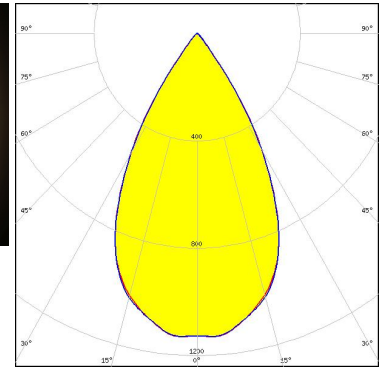
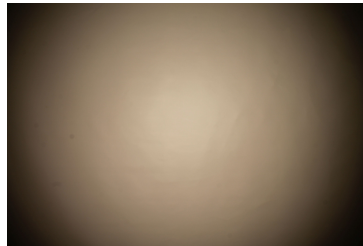


Light distribution files

OPTICAL RESULTS (MEASURED):



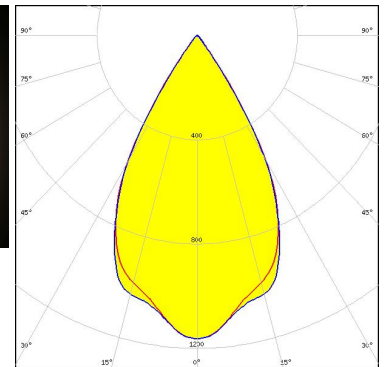
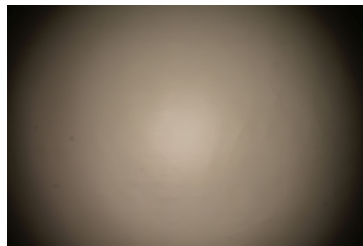
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 58.0° / 76.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



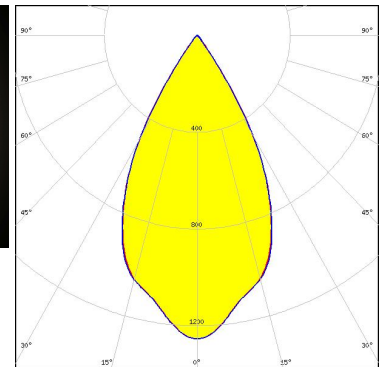
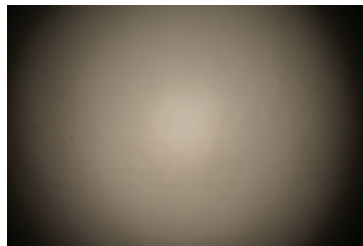
LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 59.0° / 75.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



Light distribution files



LED CxM-6 (13.5x13.5)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 55.0° / 73.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

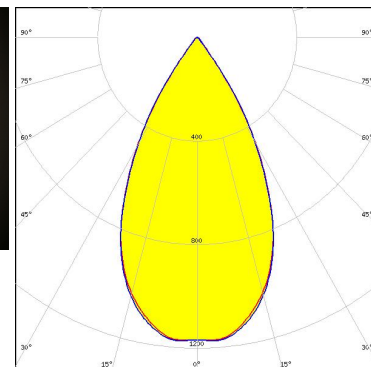
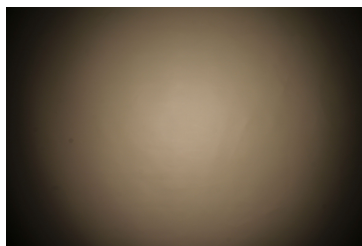


Light distribution files

OPTICAL RESULTS (MEASURED):



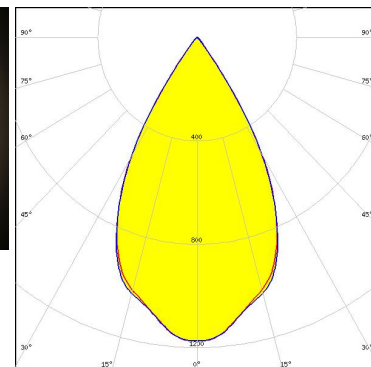
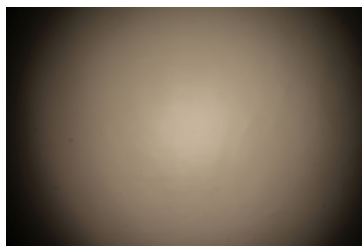
LED CxM-9 (13.5x13.5)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



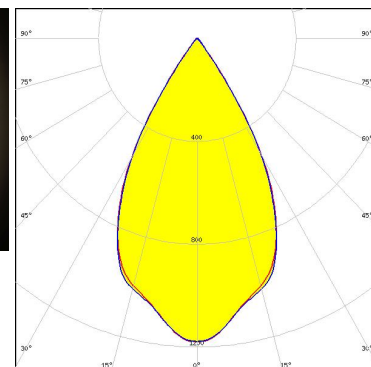
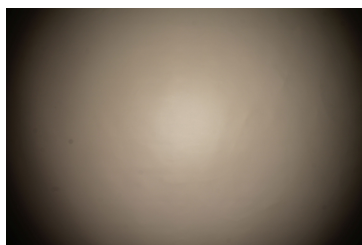
LED COB S-Type (LES 7)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 58.0° / 75.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files



LED COB T-Type
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 58.0° / 74.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G

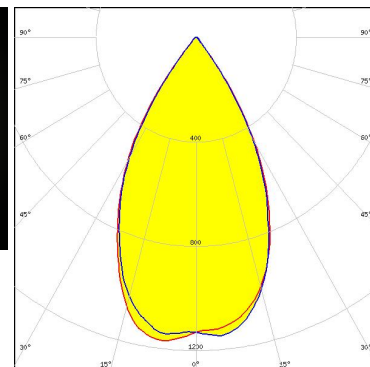


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

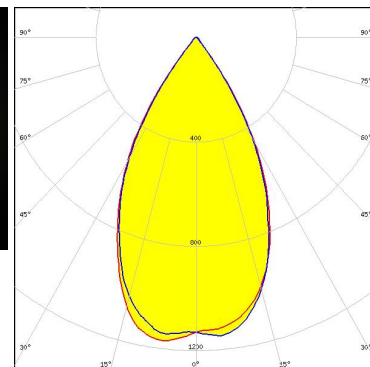
LED LC003D / LC006D / LC009D / LC013D
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 95 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

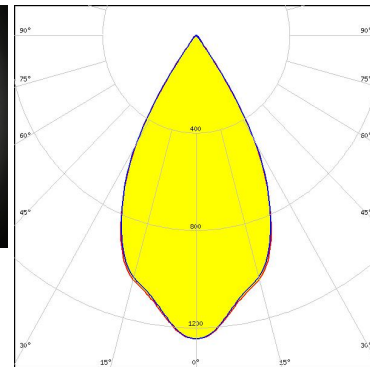
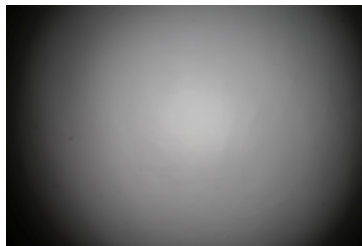
LED LC003D / LC006D / LC009D / LC013D
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 95 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020



Light distribution files

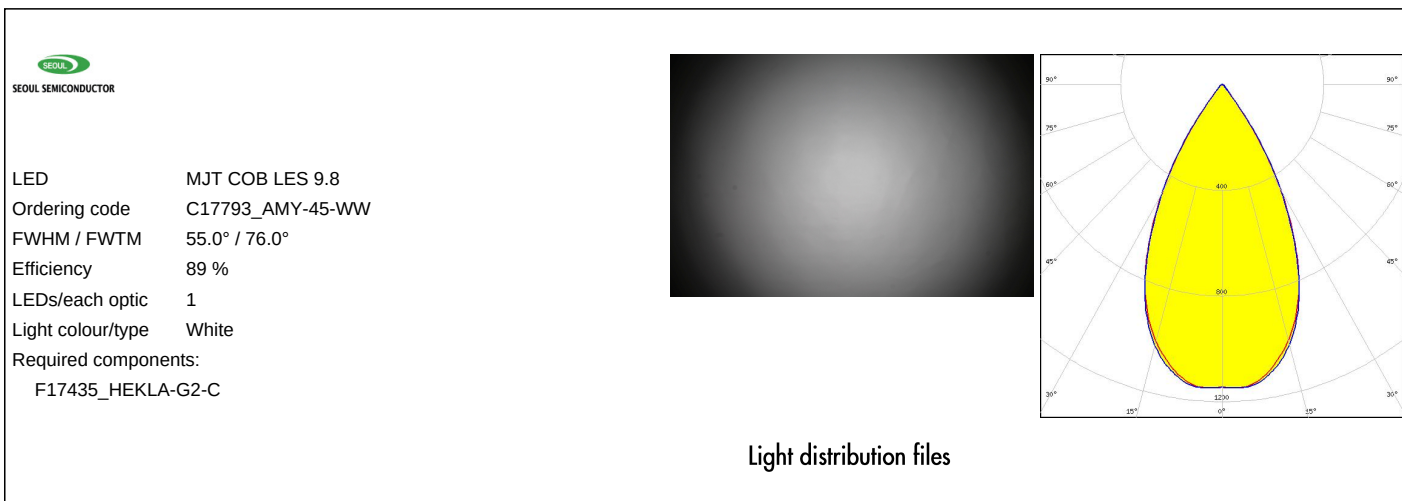


LED MJT COB LES 6
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 56.0° / 73.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

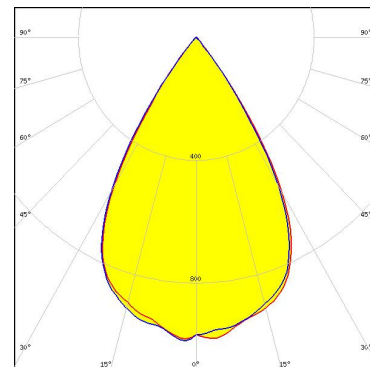
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



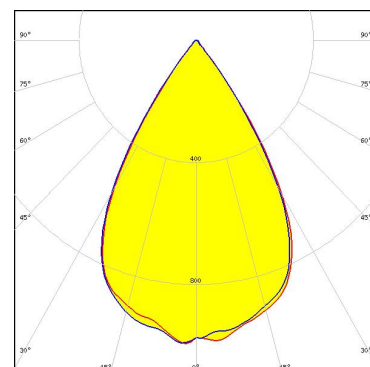
LED V6 HD Gen 8
 Ordering code CP19626_AMY-45-WW-B
 FWHM / FWTM 63.0° / 79.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C



Light distribution files



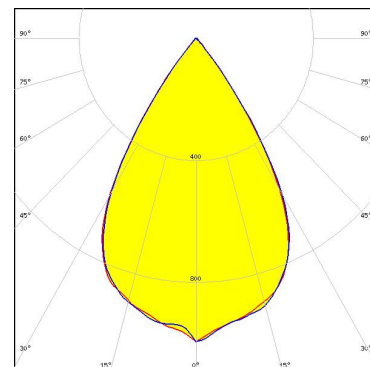
LED V6 HD Gen 8
 Ordering code CP19631_AMY-45-WW-B-WHT
 FWHM / FWTM 63.0° / 80.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C



Light distribution files



LED Vesta DTW 6mm
 FWHM / FWTM 64.0° / 80.0°
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Bender Wirth: 652b Bayonet35

Light distribution files

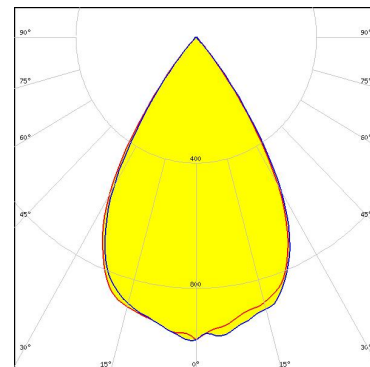
OPTICAL RESULTS (SIMULATED):



LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 63.0° / 81.0°
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652b Bayonet35

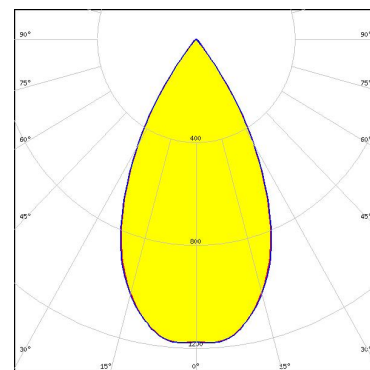
Light distribution files



CITIZEN

LED CLU02x (LES10)
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 60.0° / 80.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

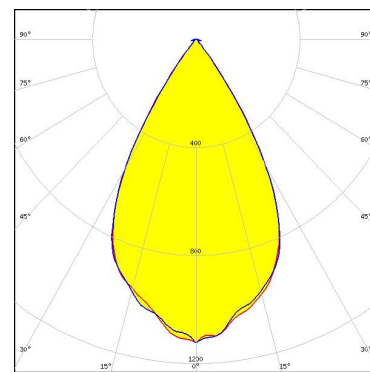
Light distribution files



CITIZEN

LED CLU700/701/702/703
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 59.0° / 76.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

Light distribution files



OPTICAL RESULTS (SIMULATED):

CITIZEN

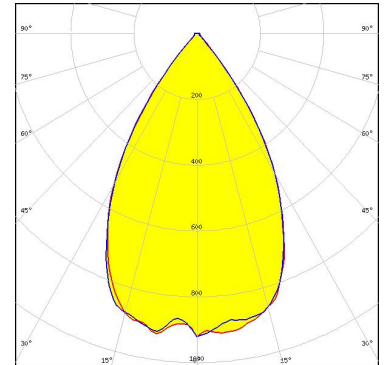
LED CLU712/713
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 58.0° / 78.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

Light distribution files



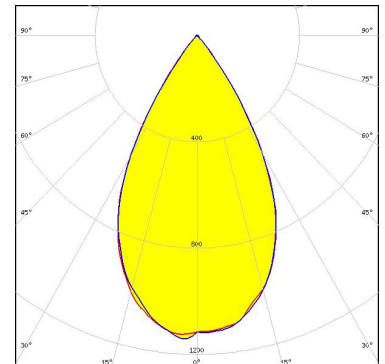
LED CMA1825
 Ordering code C17793_AMY-45-WW
 FWHM / FWTM 63.0° / 85.0°
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B

Light distribution files



LED CXA/B 15xx
 Ordering code CP19626_AMY-45-WW-B
 FWHM / FWTM 58.0° / 78.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



BJB: 47.360.1030

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 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.

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LEDiL Oy

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Shenzhen 518057
P.R.CHINA

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

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

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