

AMY-35-W

~36° wide beam

SPECIFICATION:

Dimensions	Ø 35.0
Height	8.5 mm
Fastening	socket
ROHS compliant	yes ⓘ

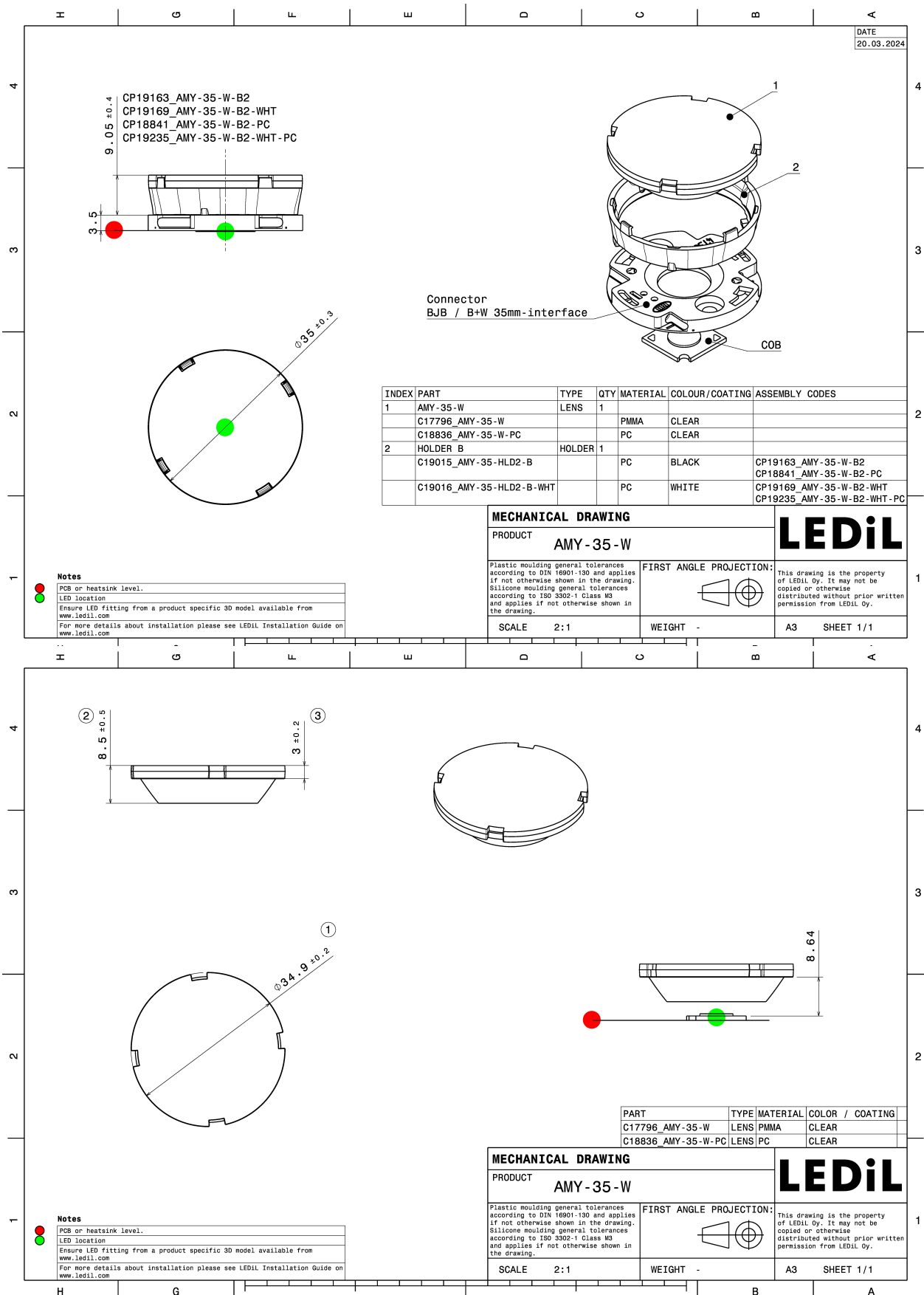
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-35-W	Single lens	PMMA	clear		
AMY-35-HLD2-B	Holder B	PC	black		
AMY-35-HLD2-B-WHT	Holder B	PC	white		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17796_AMY-35-W	1650	132	66	9.6
Assembly				
CP19169_AMY-35-W-B2-WHT	1320	132	66	9.5
CP19163_AMY-35-W-B2	1320	132	66	9.5

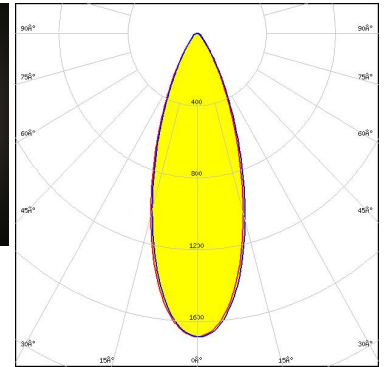
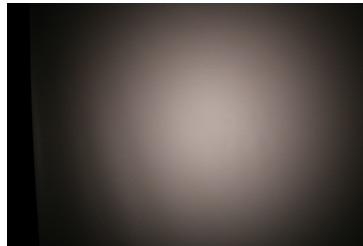


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



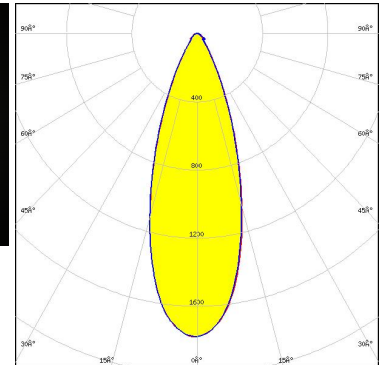
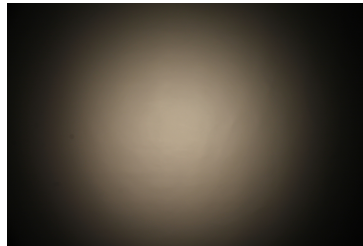
LED Vesta TW 6mm DP
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 68.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 504 Typ B35L



Light distribution files

CITIZEN

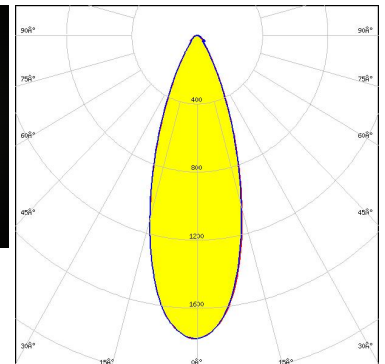
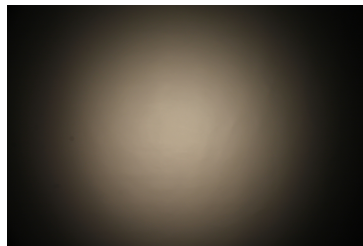
LED CLU700/701/702/703
 Ordering code C17796_AMY-35-W
 FWHM / FWTM 35.0° / 66.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CITIZEN

LED CLU700/701/702/703
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0° / 66.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020

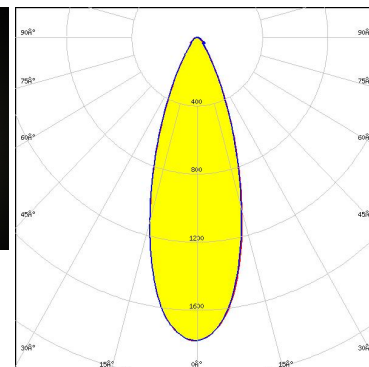
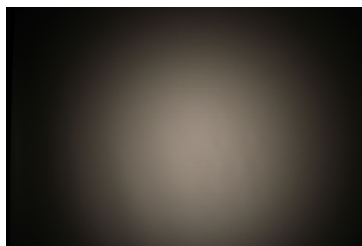


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

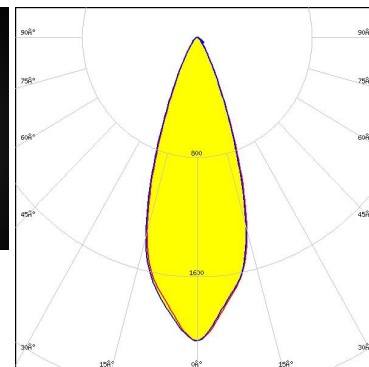
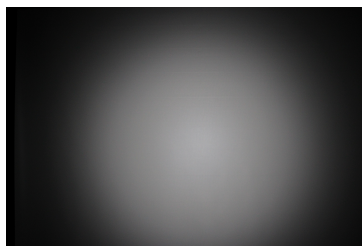
LED CLU700/701/702/703
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 65.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634a Bayonet35L



Light distribution files

CITIZEN

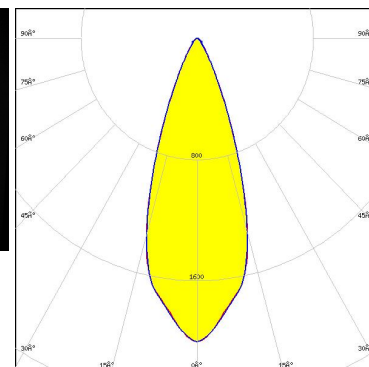
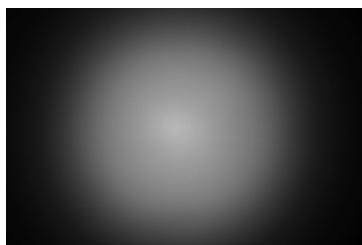
LED CLU7L3
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files

CITIZEN

LED CLU7L3
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 37.0° / 61.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 667a Bayonet35

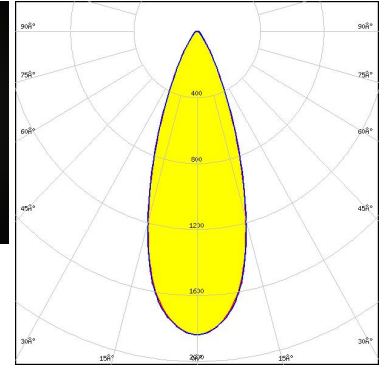


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

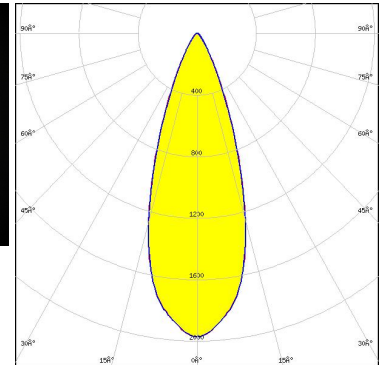
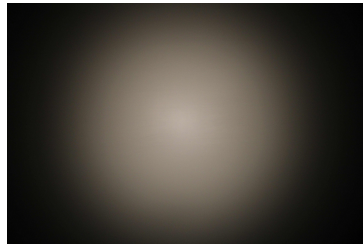
LED CLU7R3
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 37.0° / 64.0°
Efficiency 90 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19424_SOCKET-B-35-M



Light distribution files

CITIZEN

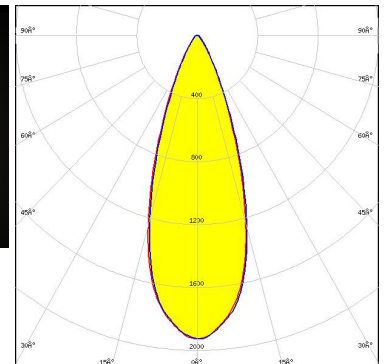
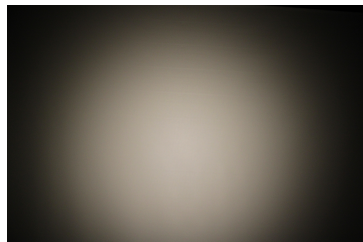
LED CLU7S3
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 36.0° / 62.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 667a Bayonet35



Light distribution files

CITIZEN

LED CLU7S3
Ordering code CP17972_AMY-35-W-B
FWHM / FWTM 36.0° / 63.0°
Efficiency 91 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19425_SOCKET-B-35-N

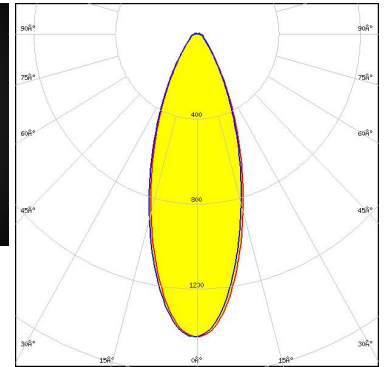
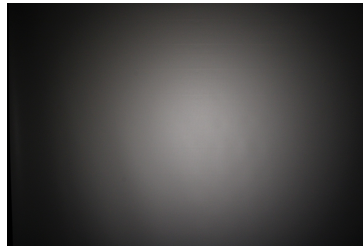


Light distribution files

OPTICAL RESULTS (MEASURED):



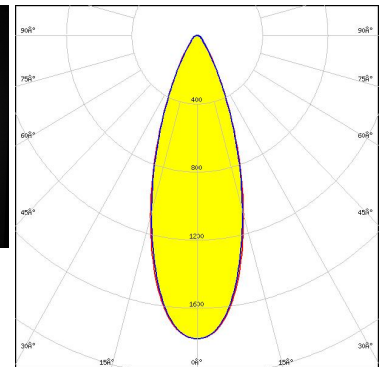
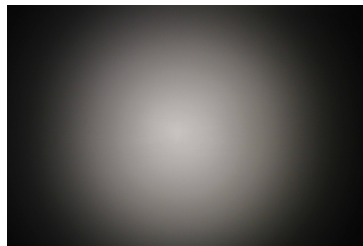
LED CMU10xx
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 37.0° / 75.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
BJB: 47.360.1020



Light distribution files



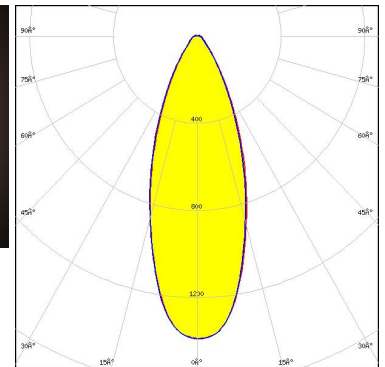
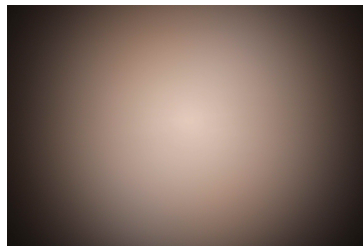
LED LUXEON 7070
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 35.0° / 66.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 634a Bayonet35L



Light distribution files



LED CTM-9 (Tunable White)
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 38.0° / 75.0°
Efficiency 85 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 495 Typ B35L



Light distribution files

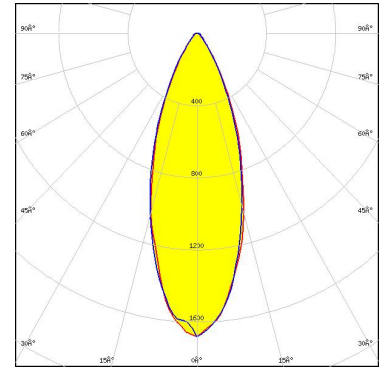
OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 37.0° / 70.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

BJB: 47.360.1020

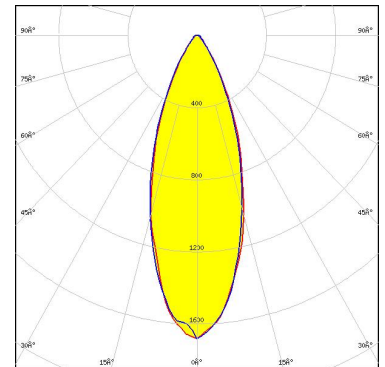
Light distribution files



LED V10 Gen 8-9
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 37.0° / 71.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634b Bayonet35L

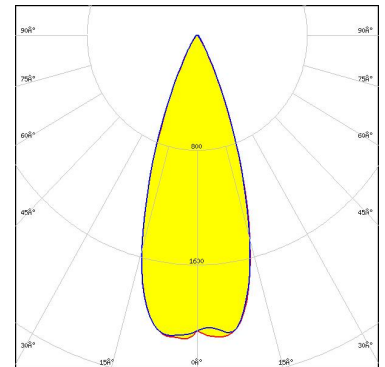
Light distribution files



LED V3 HD Gen 8 FC
Ordering code CP19163_AMY-35-W-B2
FWHM / FWTM 38.0° / 58.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634c Bayonet35L

Light distribution files

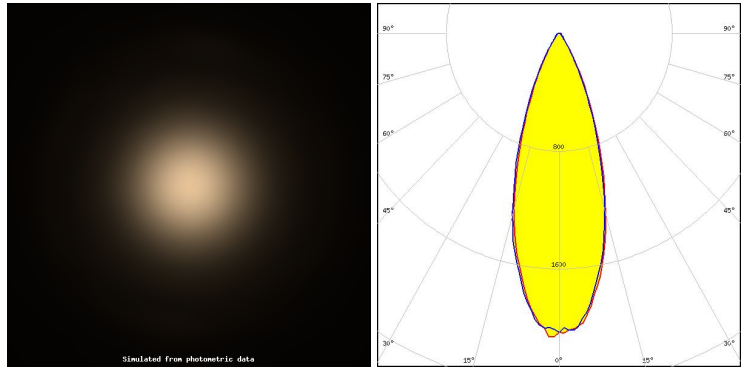


OPTICAL RESULTS (SIMULATED):



LED V6 HD Gen 8
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0 + 36.0° / 63.0°
 Efficiency 90 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

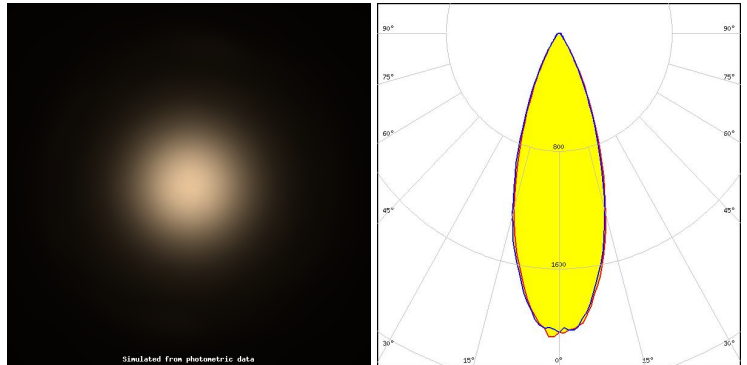


Light distribution files



LED V6 HD Gen 8
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0 + 36.0° / 62.0°
 Efficiency 90 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

C18968_SOCKET-B-35-C

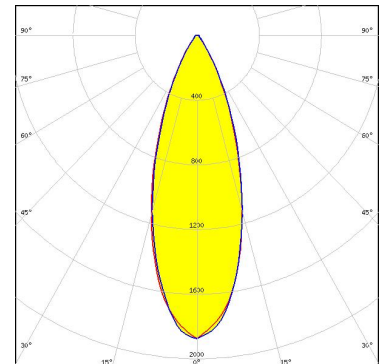


Light distribution files



LED V8 Gen 8-9
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 66.0°
 Efficiency 88 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

C19309_SOCKET-B-35-L



Light distribution files

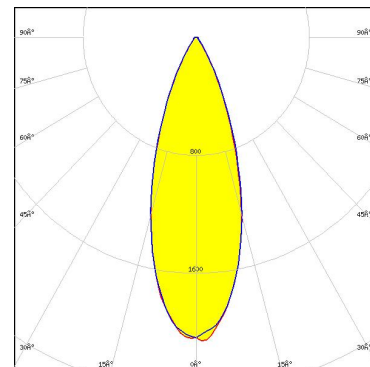
OPTICAL RESULTS (SIMULATED):



LED Vesta DTW 6mm
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 63.0°
 Efficiency 91 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652b Bayonet35L

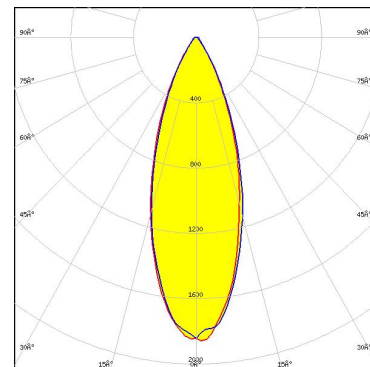
Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 67.0°
 Efficiency 90 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652b Bayonet35L

Light distribution files

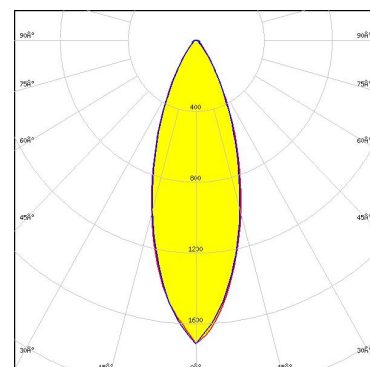


CITIZEN

LED CLU02x (LES10)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0° / 70.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

Light distribution files



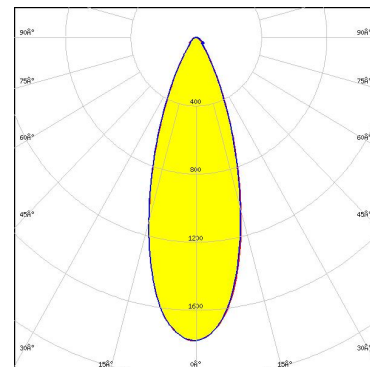
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	36.0° / 62.0°
Efficiency	89 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

Light distribution files

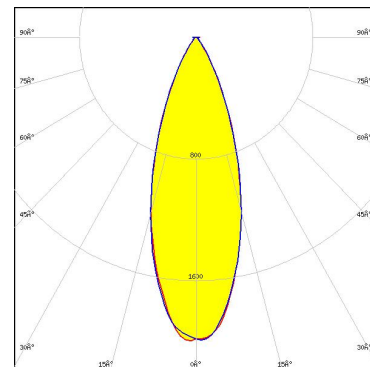


CITIZEN

LED	CLU703 Type-F
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	36.0° / 64.0°
Efficiency	90 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

Light distribution files

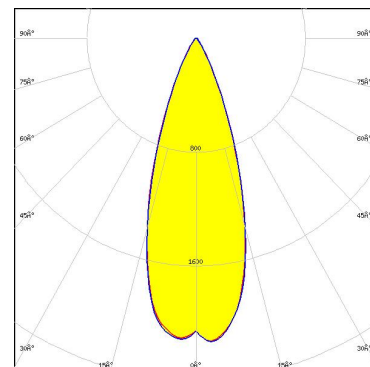


CITIZEN

LED	CLU7A2/7A3
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	36.0° / 60.0°
Efficiency	91 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

Light distribution files

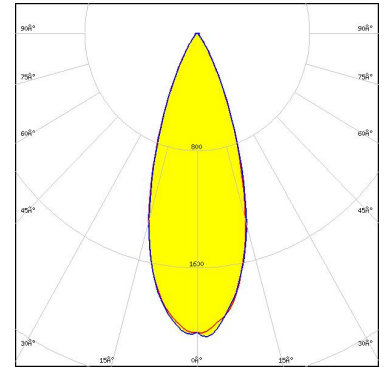


OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU7A3 Type-F
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 62.0°
 Efficiency 92 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

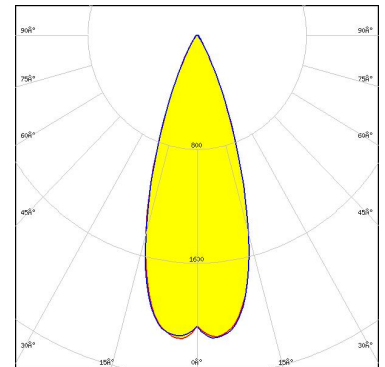


Light distribution files

CITIZEN

LED CLU7B2
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 58.0°
 Efficiency 92 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

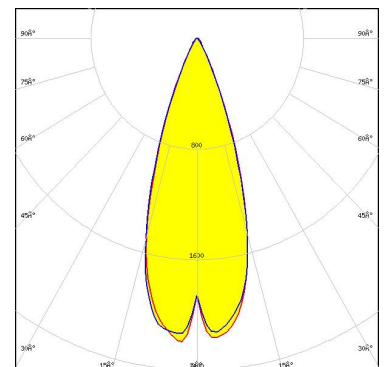
BJB: 47.360.1020



Light distribution files

CITIZEN

LED CLU7L3
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 56.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N

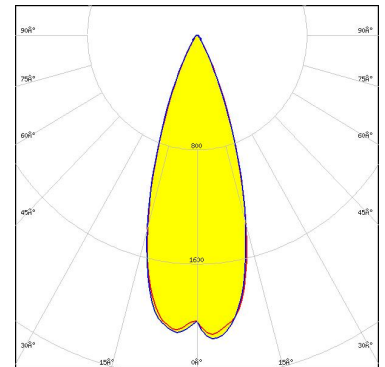


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

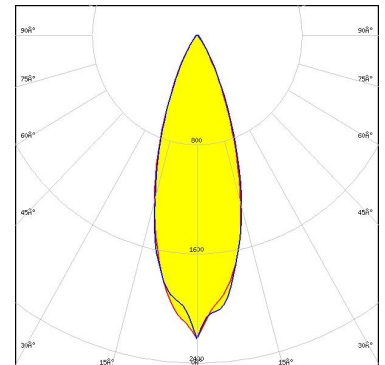
LED	CLU7S3
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	36.0° / 58.0°
Efficiency	88 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	C19425_SOCKET-B-35-N



Light distribution files



LED	CMA1306
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	34.0° / 62.0°
Efficiency	91 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

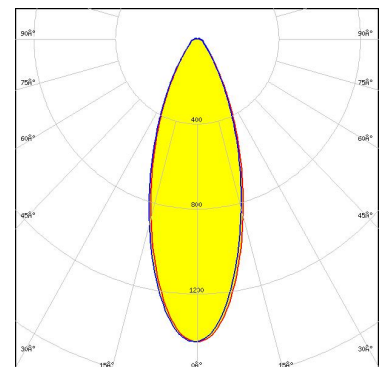


Light distribution files

Bender Wirth: 634c Bayonet35L



LED	CMU10xx
Ordering code	CP19163_AMY-35-W-B2
FWHM / FWTM	36.0° / 70.0°
Efficiency	86 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



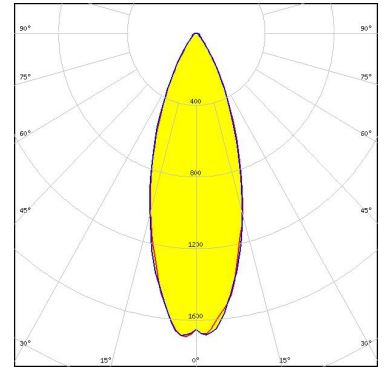
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):



LED CXA/B 15xx
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 69.0°
 Efficiency 86 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

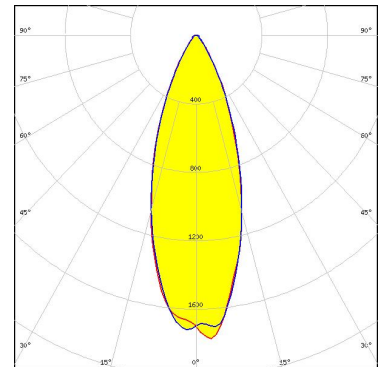


BJB: 47.360.1030

Light distribution files



LED CXA/B 15xx
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 68.0°
 Efficiency 87 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

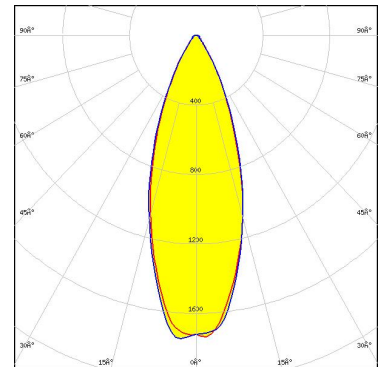


BJB: 47.360.1030

Light distribution files



LED LUXEON CoB 1202/1203
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 68.0°
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



BJB: 47.360.1110

Light distribution files

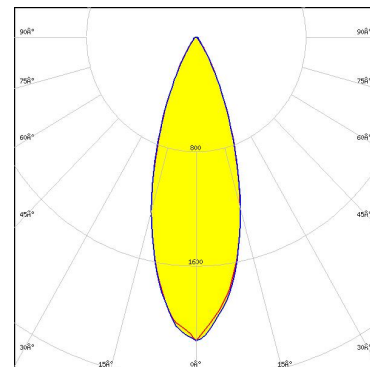
OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1202HD
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 62.0°
 Efficiency 92 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652a Bayonet35L

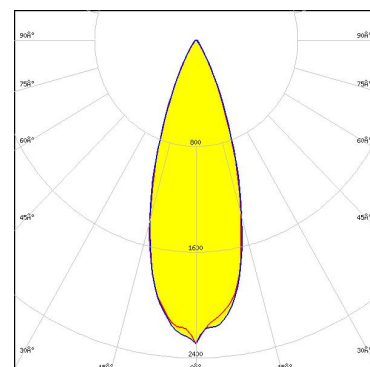
Light distribution files



LED LUXEON CX Plus CoB - HD S01H4
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 58.0°
 Efficiency 92 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

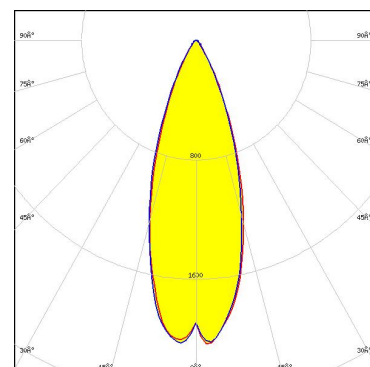
Light distribution files



LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0° / 63.0°
 Efficiency 91 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

Light distribution files



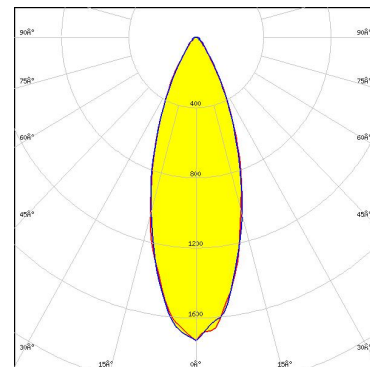
OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 69.0°
 Efficiency 89 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634a Bayonet35L

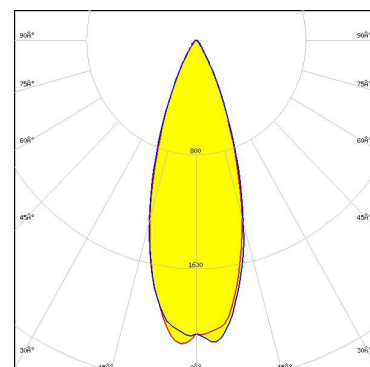
Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 35.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

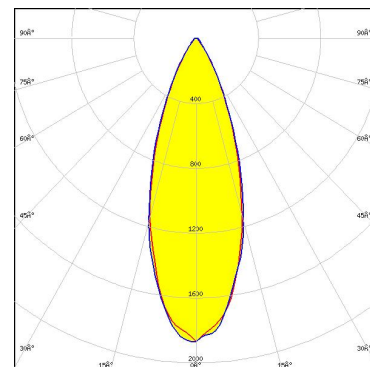
Light distribution files



LED CTM-6 (Tunable White) Gen2
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 67.0°
 Efficiency 90 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:

Bender Wirth: 495 Typ B35L

Light distribution files



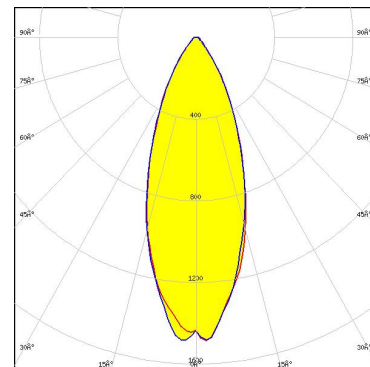
OPTICAL RESULTS (SIMULATED):



LED CTM-9 (Tunable White) Gen2
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 38.0° / 76.0°
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:

Bender Wirth: 495 Typ B35L

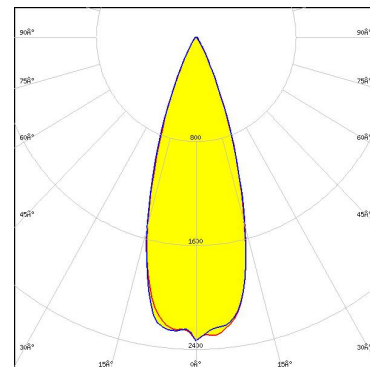
Light distribution files



LED CXM-3
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 56.0°
 Efficiency 93 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634a Bayonet35L

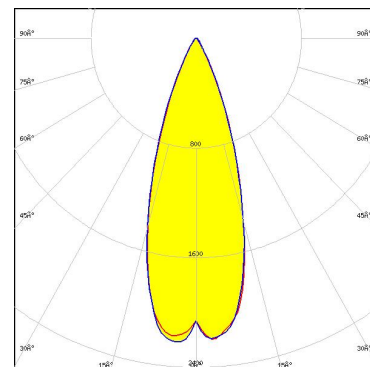
Light distribution files



LED CXM-4
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 58.0°
 Efficiency 92 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634a Bayonet35L

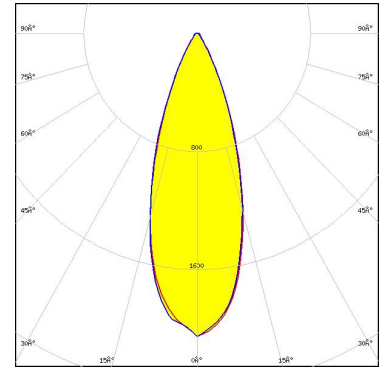
Light distribution files



OPTICAL RESULTS (SIMULATED):



LED CxM-6 (13.5x13.5)
 Ordering code CP19169_AMY-35-W-B2-WHT
 FWHM / FWTM 36.0° / 62.0°
 Efficiency 92 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

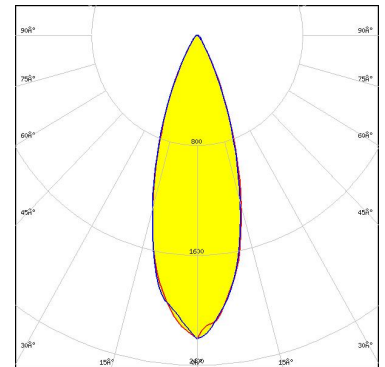


Bender Wirth: 634a Bayonet35L

Light distribution files



LED CxM-6 (13.5x13.5)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

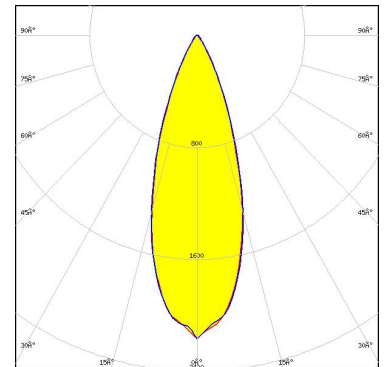


BJB: 47.360.1020

Light distribution files



LED COB S-Type (LES 6)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



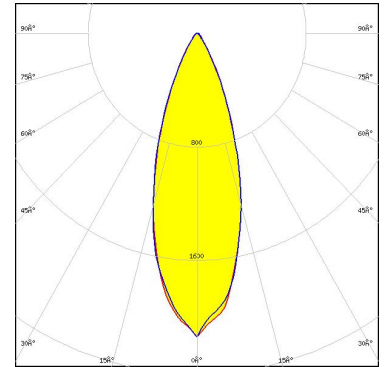
Bender Wirth: 652a Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED COB S-Type (LES 7)
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 62.0°
 Efficiency 91 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

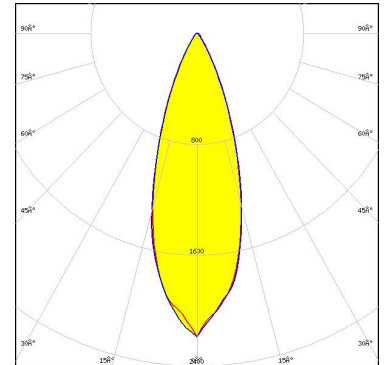


Bender Wirth: 652a Bayonet35L

Light distribution files



LED COB T-Type
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 62.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

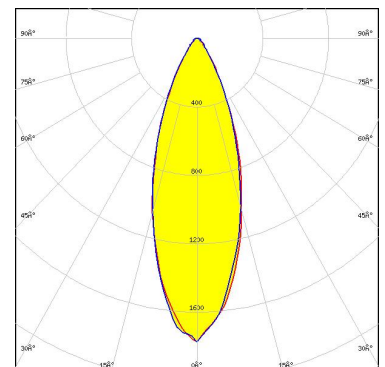


Bender Wirth: 652a Bayonet35L

Light distribution files



LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 68.0°
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



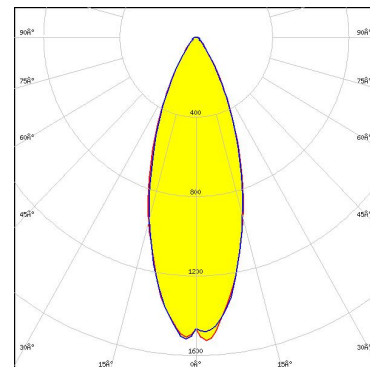
BJB: 47.360.1020

Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

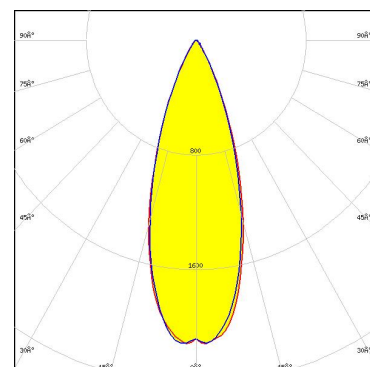
LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 37.0° / 70.0°
 Efficiency 82 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C



Light distribution files

SAMSUNG

LED LC010C G2
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 36.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

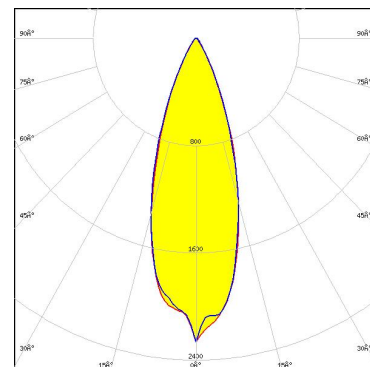


Light distribution files

BJB: 47.360.1020



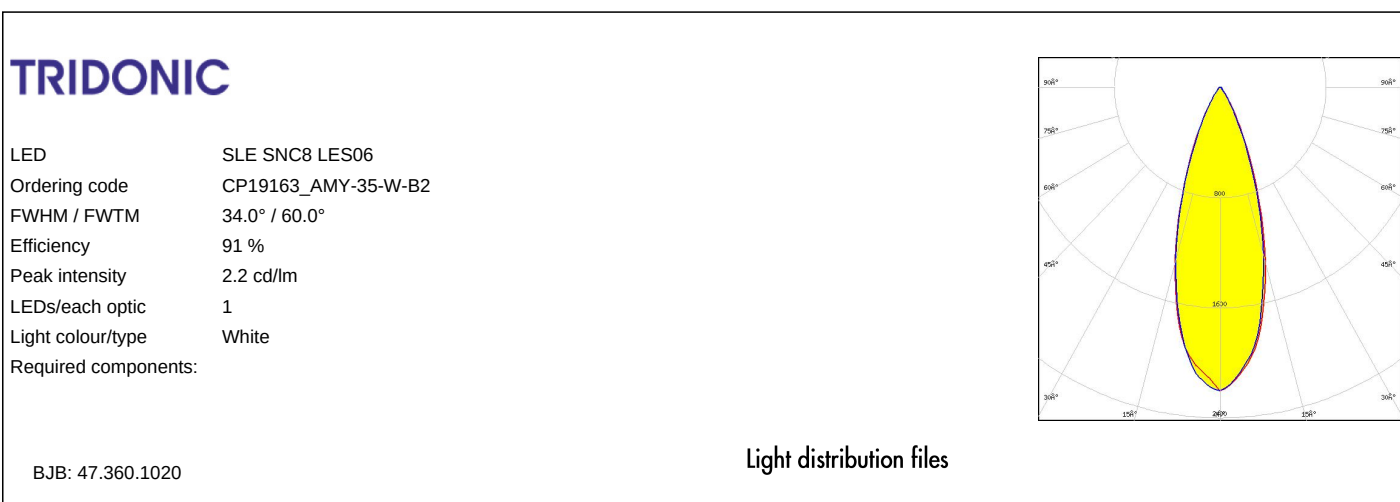
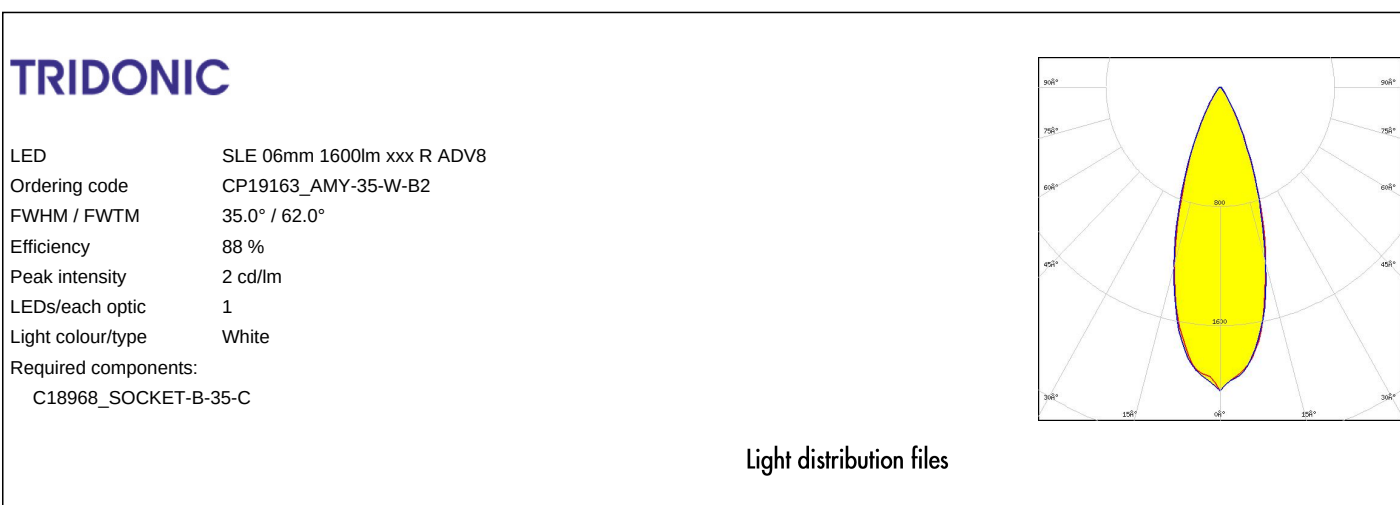
LED MJT COB LES 6
 Ordering code CP19163_AMY-35-W-B2
 FWHM / FWTM 34.0° / 60.0°
 Efficiency 92 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

BJB: 47.360.1020

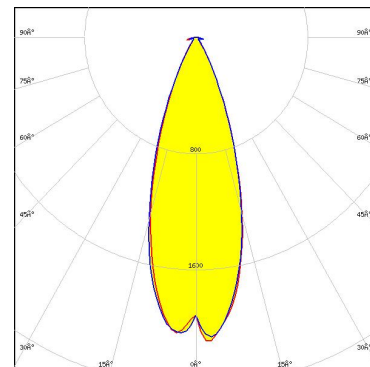
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

XICATO

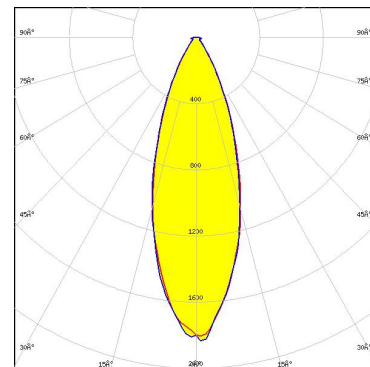
LED	XOB 6 mm
Ordering code	C17796_AMY-35-W
FWHM / FWTM	34.0° / 60.0°
Efficiency	94 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

XICATO

LED	XOB 9.8 mm
Ordering code	C17796_AMY-35-W
FWHM / FWTM	34.0° / 67.0°
Efficiency	92 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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.

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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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