

AMY-35-WW

~60° wide beam

SPECIFICATION:

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

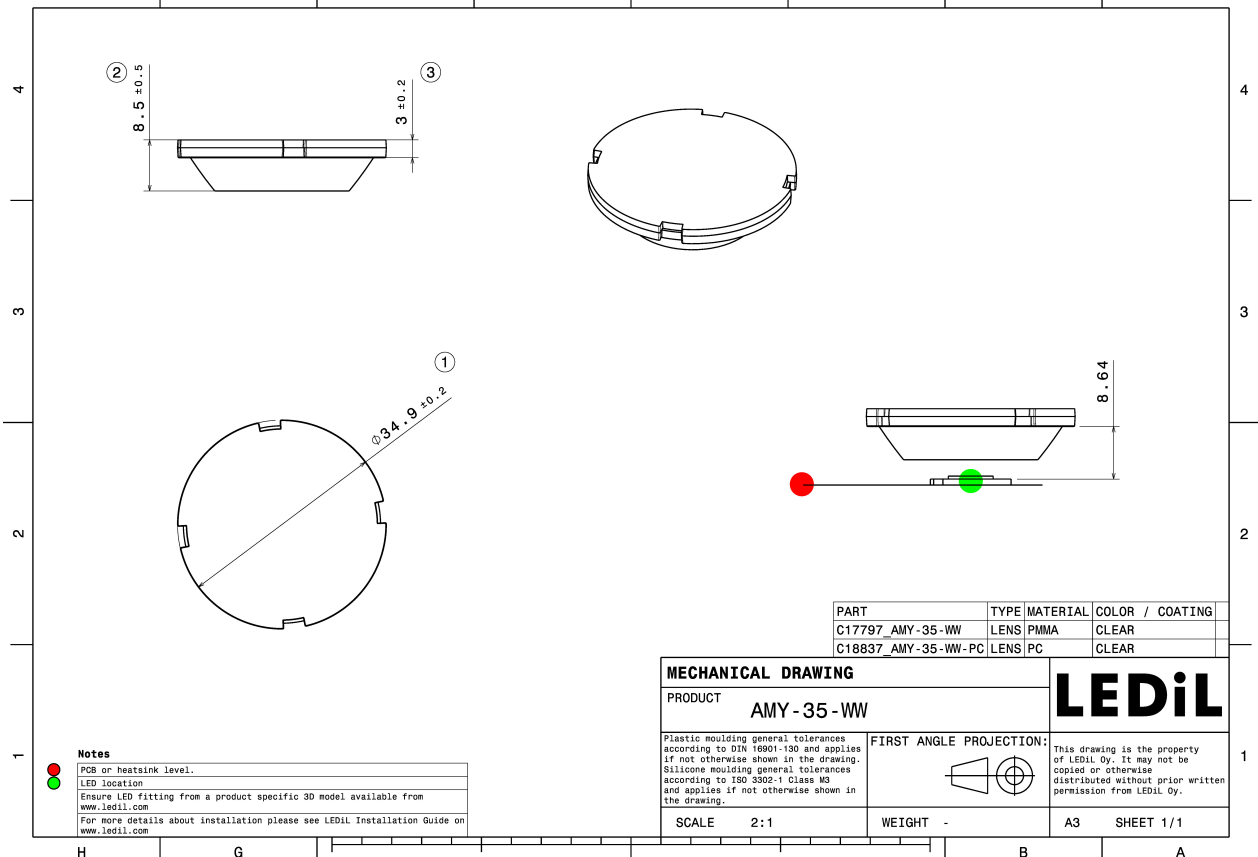
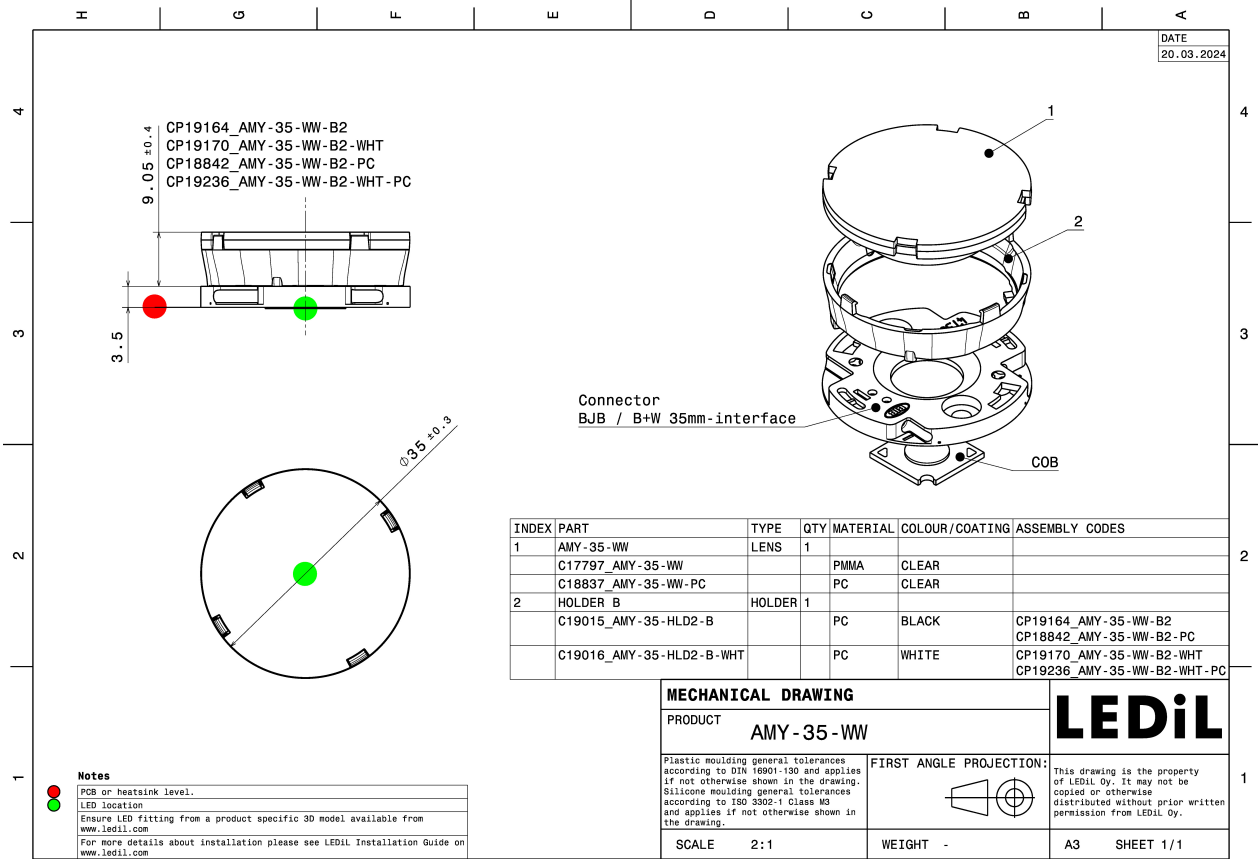
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-35-WW	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)
C17797_AMY-35-WW	1650	132	66	9.9
Assembly				
CP19170_AMY-35-WW-B2-WHT	1320	132	66	9.7
CP19164_AMY-35-WW-B2	1320	132	66	9.7

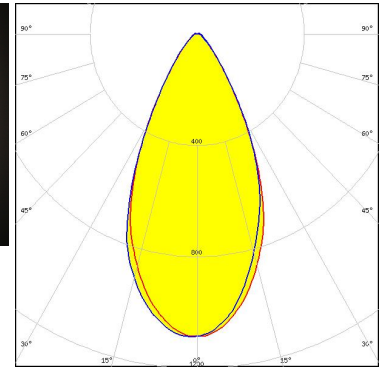
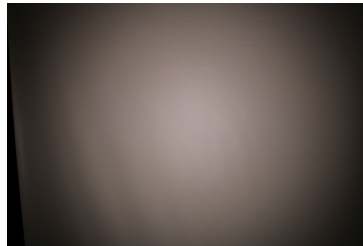


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



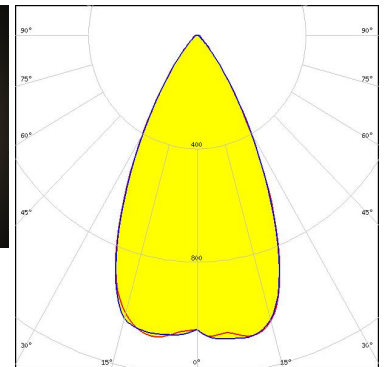
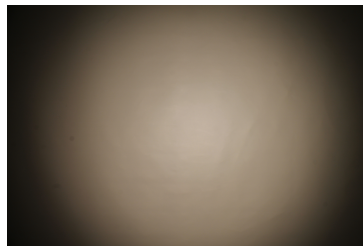
LED Vesta TW 6mm DP
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 50.0° / 83.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 504 Typ B35L



Light distribution files

CITIZEN

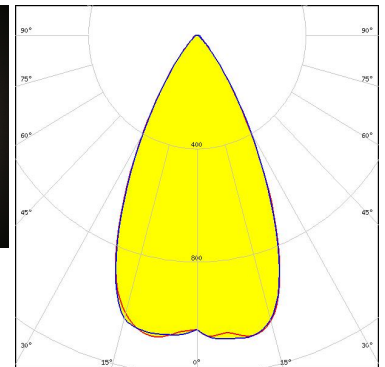
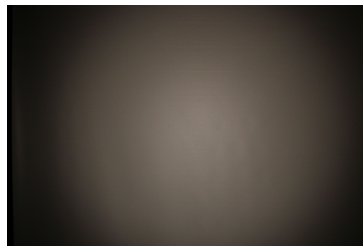
LED CLU700/701/702/703
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 52.0° / 83.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:
 BJB: 47.360.1020



Light distribution files

CITIZEN

LED CLU700/701/702/703
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 51.0° / 82.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 634a Bayonet35L

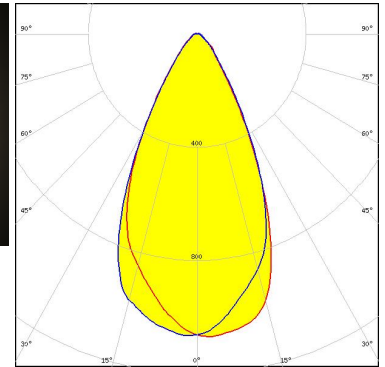
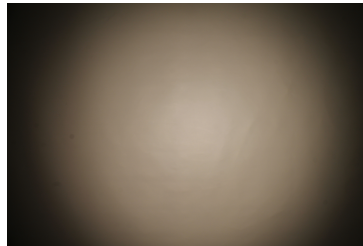


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

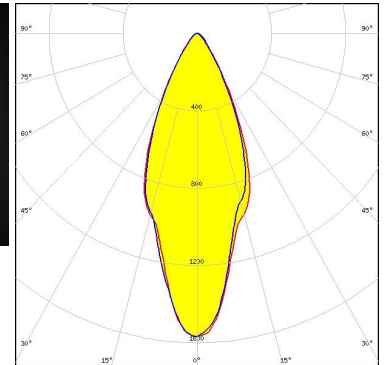
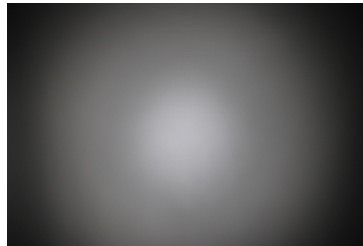
LED CLU700/701/702/703
Ordering code C17797_AMY-35-WW
FWHM / FWTM 52.0° / 83.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

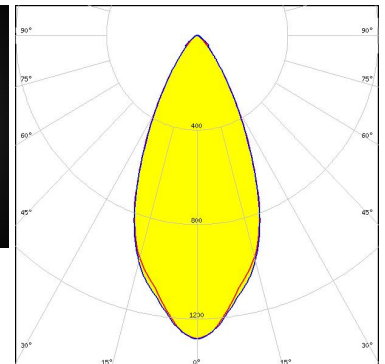
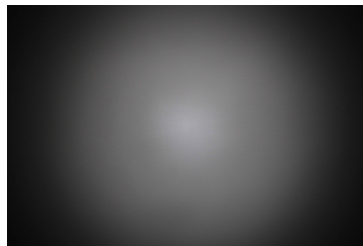
LED CLU7L3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 41.0° / 73.0°
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19425_SOCKET-B-35-N



Light distribution files

CITIZEN

LED CLU7L3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 48.0° / 80.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 667a Bayonet35

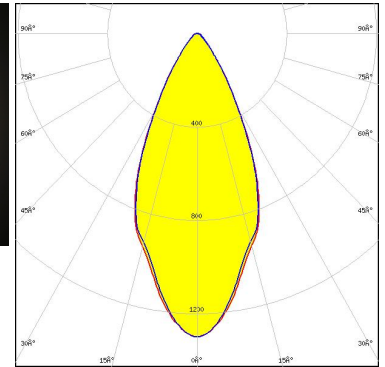
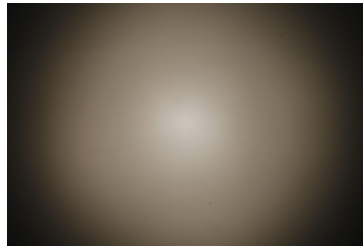


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

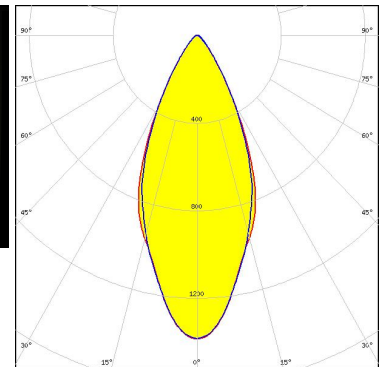
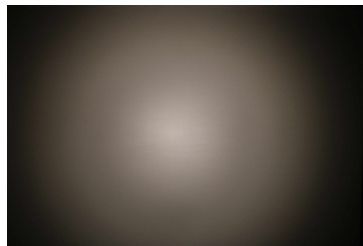
LED CLU7R3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 48.0° / 79.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19424_SOCKET-B-35-M



Light distribution files

CITIZEN

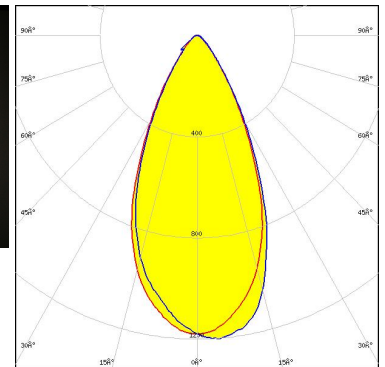
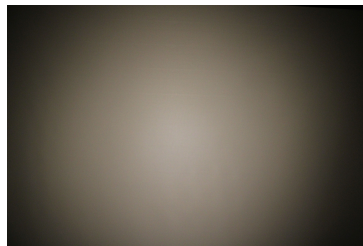
LED CLU7S3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 45.0° / 76.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 667a Bayonet35



Light distribution files

CITIZEN

LED CLU7S3
Ordering code CP17973_AMY-35-WW-B
FWHM / FWTM 49.0° / 81.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C19425_SOCKET-B-35-N

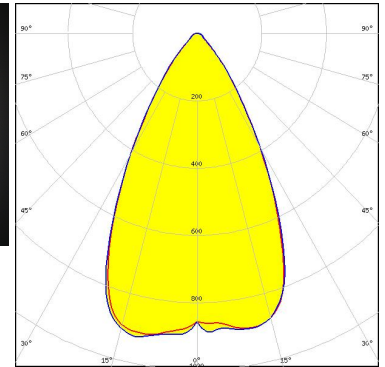
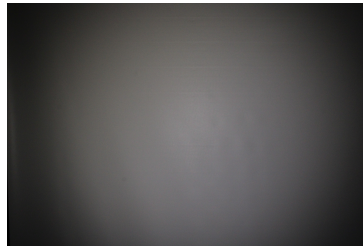


Light distribution files

OPTICAL RESULTS (MEASURED):



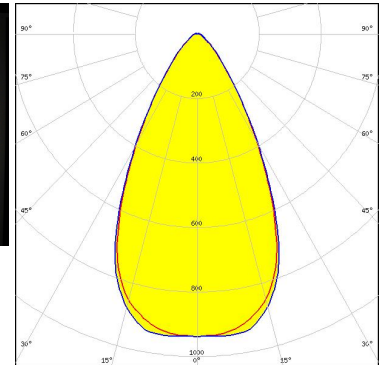
LED CMU10xx
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 58.0° / 95.0°
Efficiency 89 %
LEDs/each optic 1
Light colour/type White
Required components:
BJB: 47.360.1020



Light distribution files



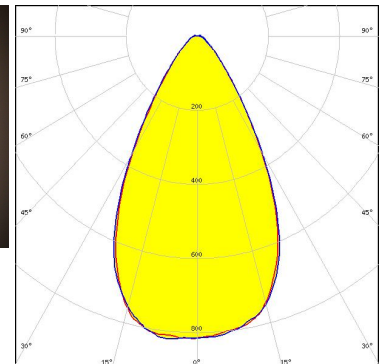
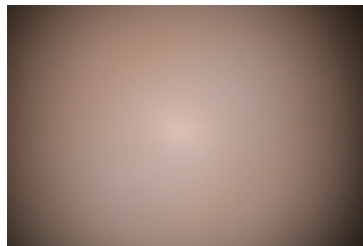
LED LUXEON 7070
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 55.0° / 90.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 634a Bayonet35L



Light distribution files



LED CTM-9 (Tunable White)
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 57.0° / 93.0°
Efficiency 85 %
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 495 Typ B35L



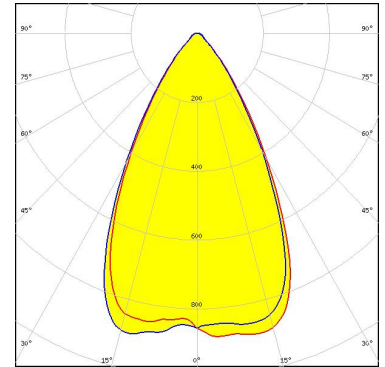
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 58.0° / 89.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

BJB: 47.360.1020

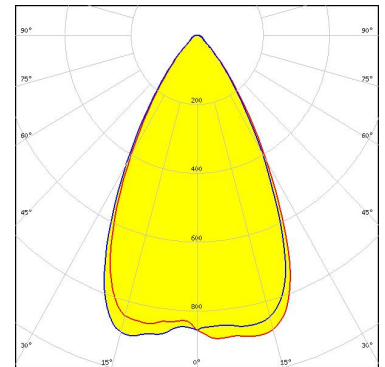


Light distribution files



LED V10 Gen 8-9
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 58.0° / 89.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634b Bayonet35L

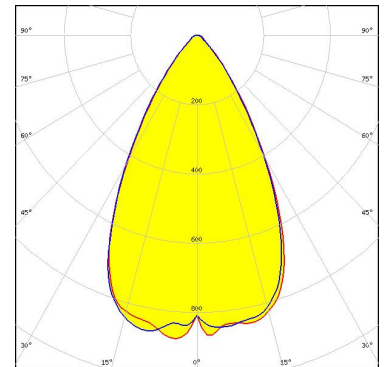


Light distribution files



LED V10 Gen7
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 59.0° / 90.0°
Efficiency 88 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634b Bayonet35L



Light distribution files

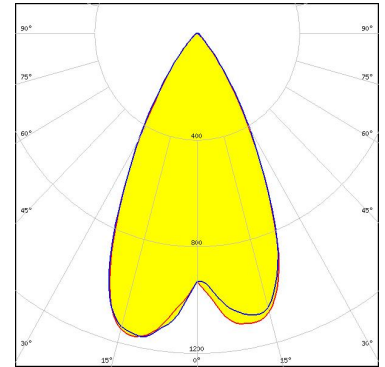
OPTICAL RESULTS (SIMULATED):



LED V3 HD Gen 8 FC
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 53.0° / 80.0°
Efficiency 95 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634c Bayonet35L

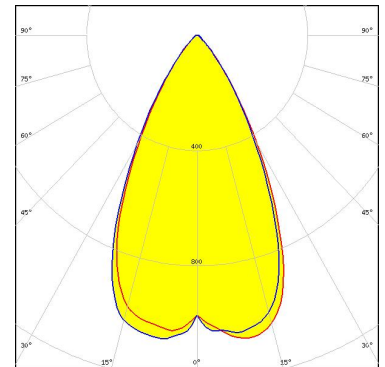
Light distribution files



LED V6 HD Gen 8
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 55.0° / 82.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 634c Bayonet35L

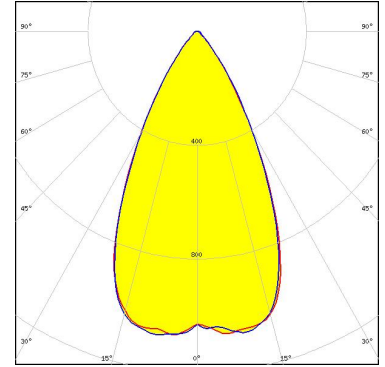
Light distribution files



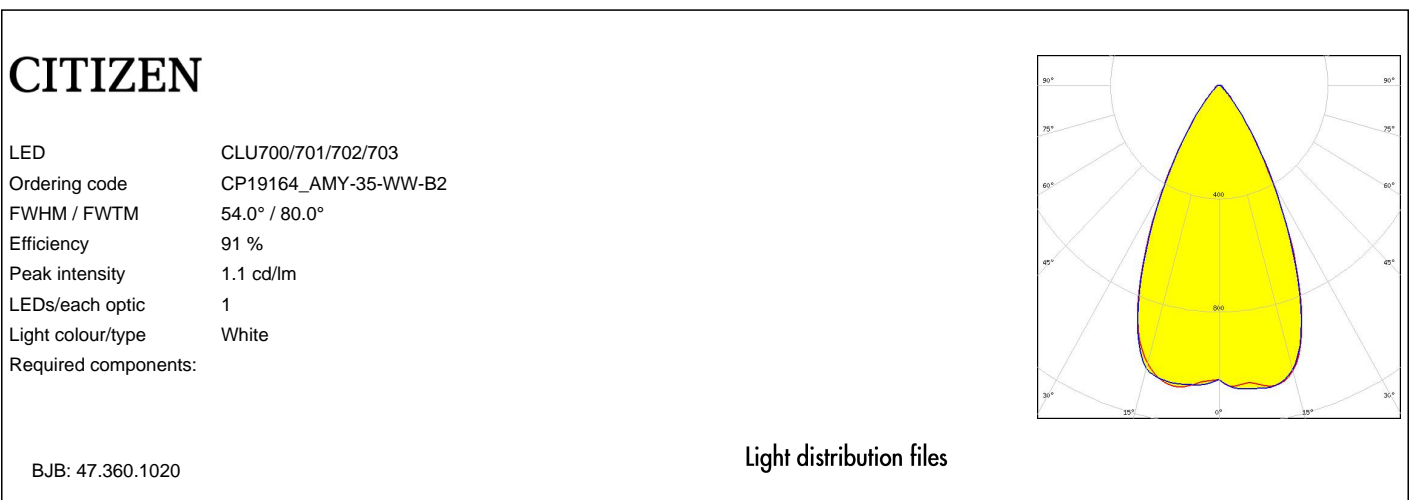
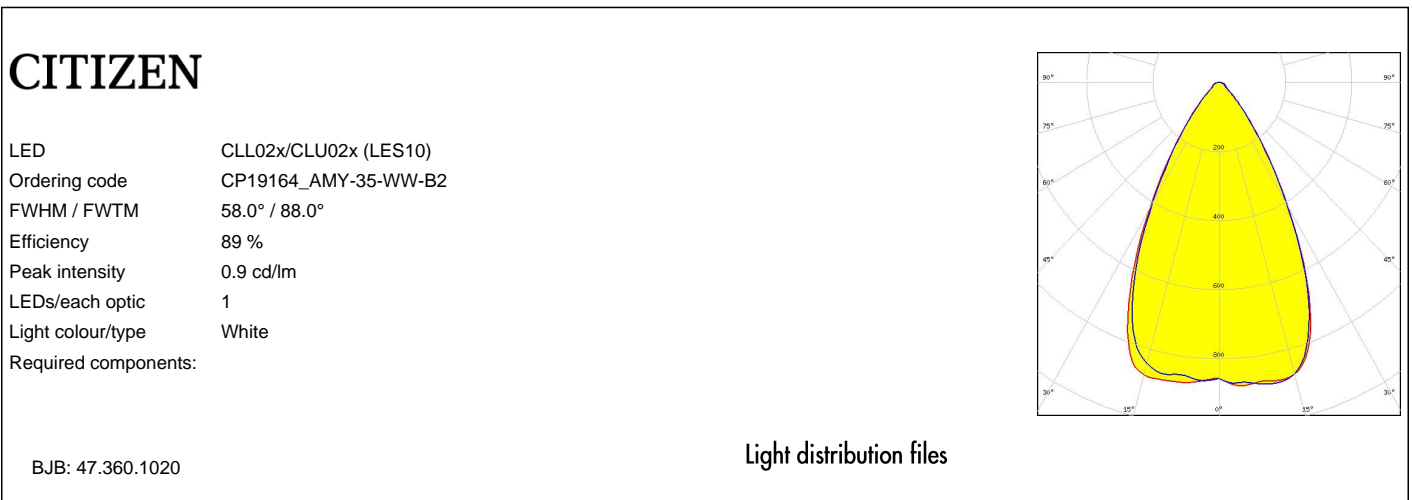
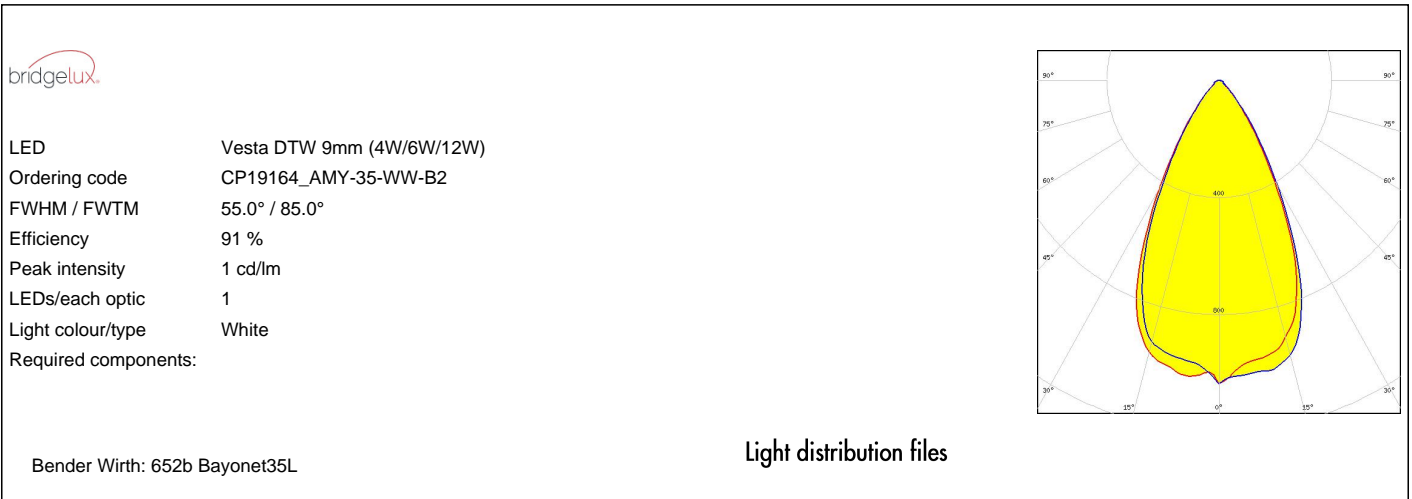
LED Vesta DTW 6mm
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 82.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 652b Bayonet35L

Light distribution files



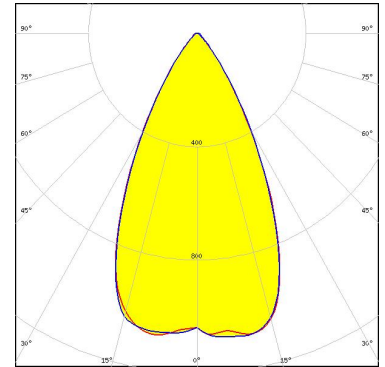
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU700/701/702/703
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 80.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

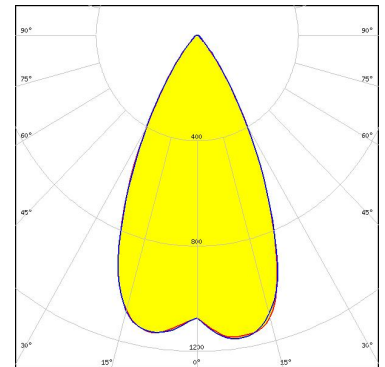


BJB: 47.360.1020

Light distribution files

CITIZEN

LED CLU7A2/7A3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 52.0° / 78.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

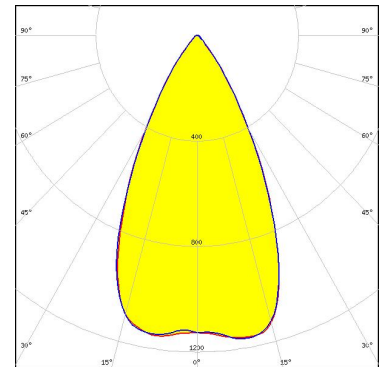


BJB: 47.360.1020

Light distribution files

CITIZEN

LED CLU7B2
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 53.0° / 79.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



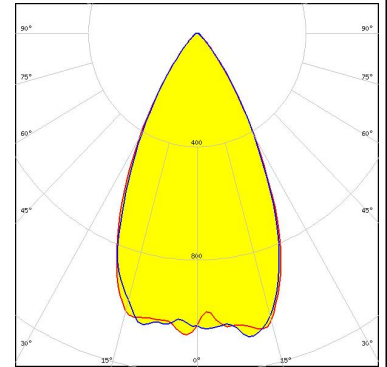
BJB: 47.360.1020

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CMA1306
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 55.0° / 82.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

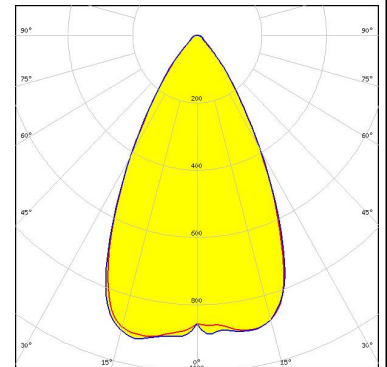


Bender Wirth: 634c Bayonet35L

Light distribution files



LED CMU10xx
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 57.0° / 88.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

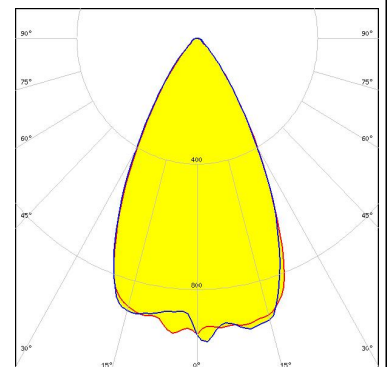


BJB: 47.360.1020

Light distribution files



LED CXA/B 15xx
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 56.0° / 86.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



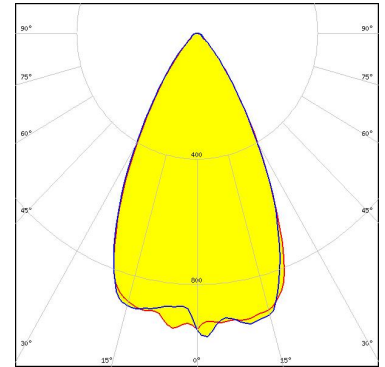
BJB: 47.360.1030

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CXA/B 15xx
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 56.0° / 85.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

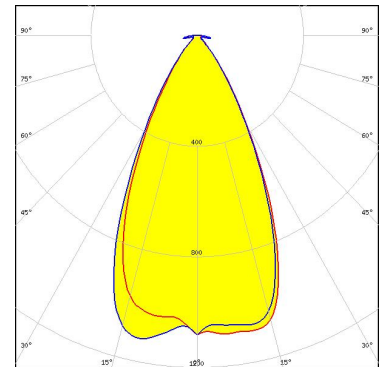


BJB: 47.360.1030

Light distribution files



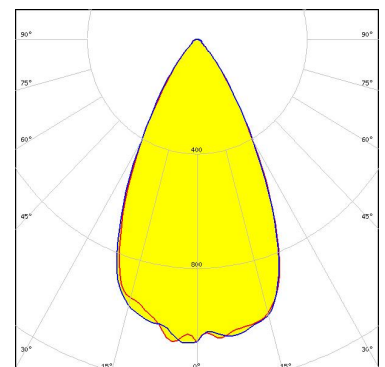
LED LUXEON 7070
FWHM / FWTM 53.0° / 80.0°
Efficiency 95 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CoB 1202/1203
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 84.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



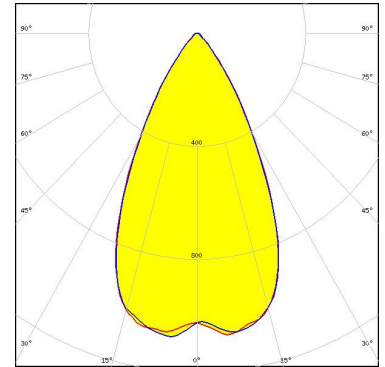
BJB: 47.360.1110

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1202HD
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 82.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

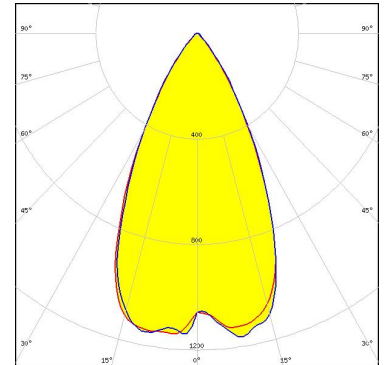


Bender Wirth: 652a Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB - HD S01H4
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 53.0° / 80.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

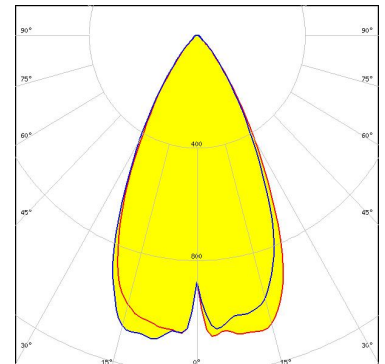


Bender Wirth: 634c Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB - HD S02H6
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 82.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



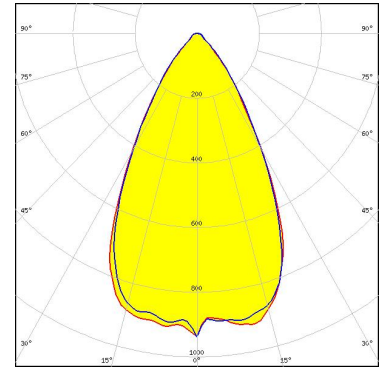
Bender Wirth: 634c Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S04H9
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 58.0° / 89.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

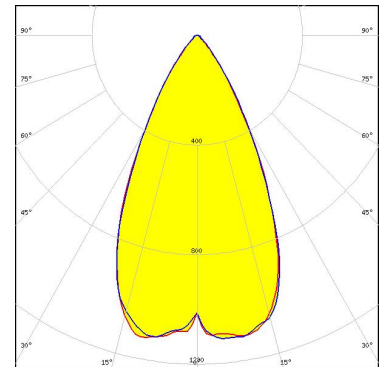


Bender Wirth: 634a Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 81.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

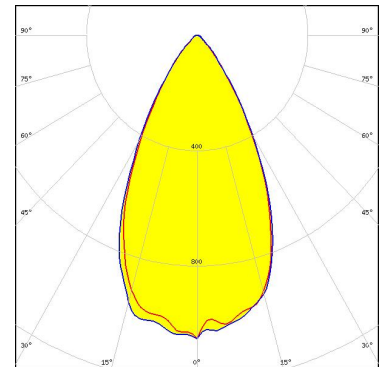


Bender Wirth: 634c Bayonet35L

Light distribution files



LED CTM-6 (Tunable White) Gen2
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 85.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:



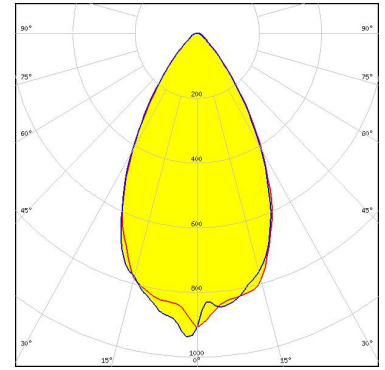
Bender Wirth: 495 Typ B35L

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTM-9 (Tunable White) Gen2
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 57.0° / 92.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:

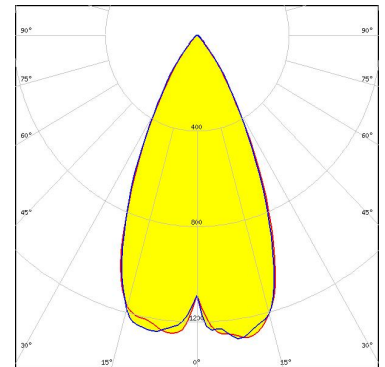


Bender Wirth: 495 Typ B35L

Light distribution files



LED CXM-3
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 51.0° / 76.0°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

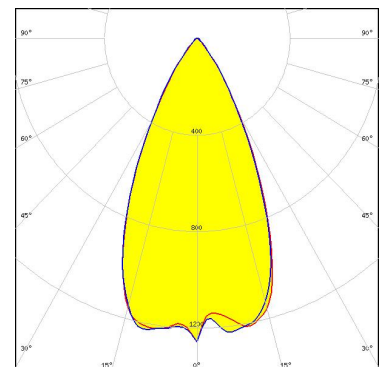


Bender Wirth: 634a Bayonet35L

Light distribution files



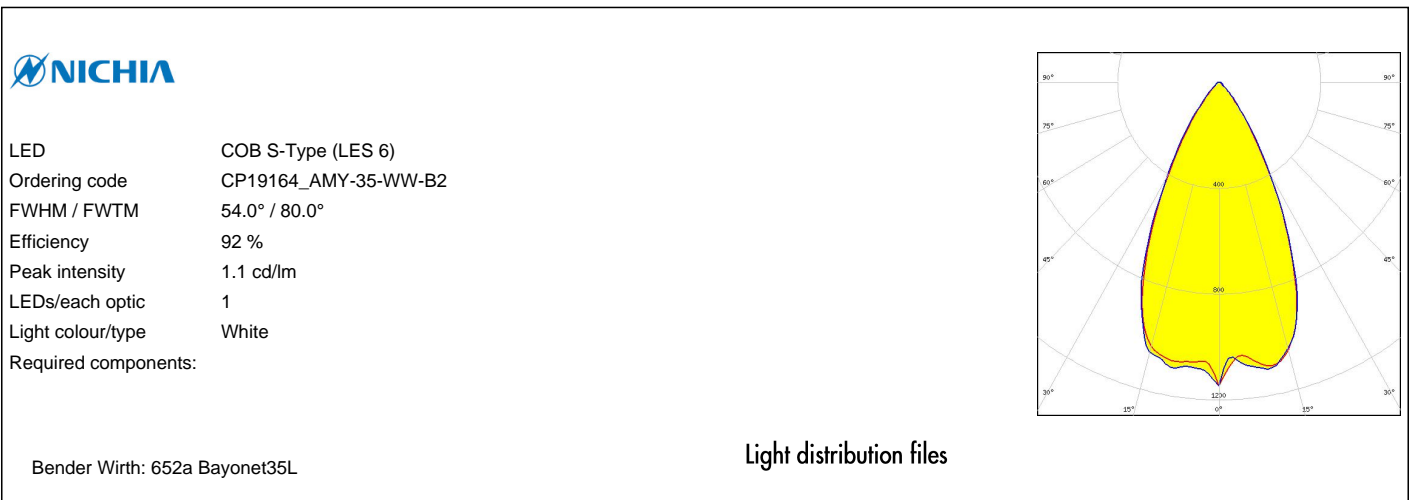
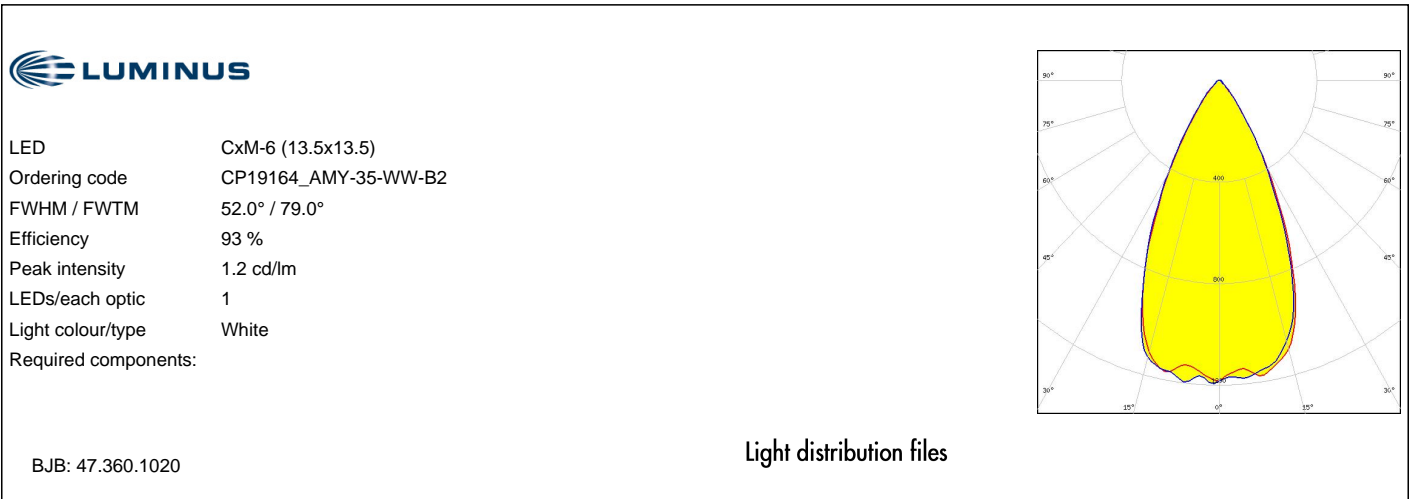
LED CXM-4
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 50.0° / 77.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Bender Wirth: 634a Bayonet35L

Light distribution files

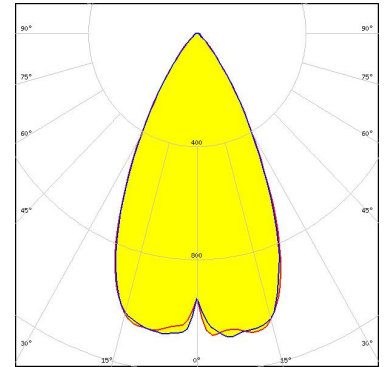
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



LED COB T-Type
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 54.0° / 82.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

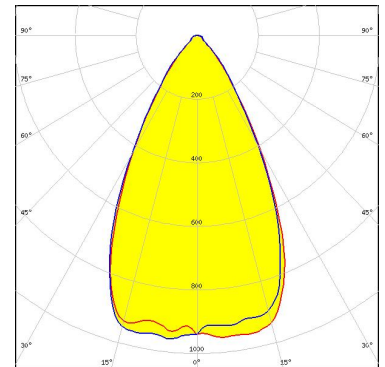


Bender Wirth: 652a Bayonet35L

Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 57.0° / 88.0°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

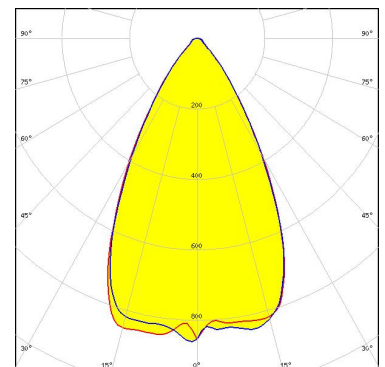


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 58.0° / 88.0°
Efficiency 84 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18968_SOCKET-B-35-C

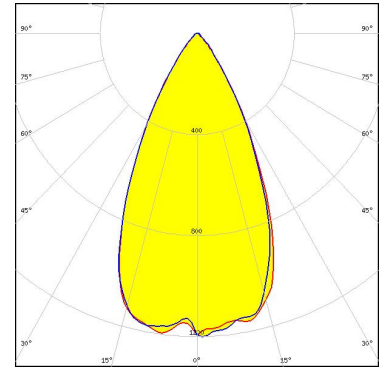


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC010C G2
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 52.0° / 78.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

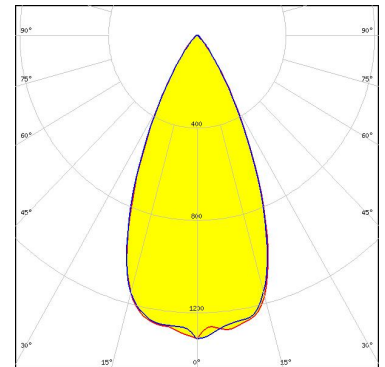


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED LH502D
FWHM / FWTM 48.0° / 74.0°
Efficiency 91 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

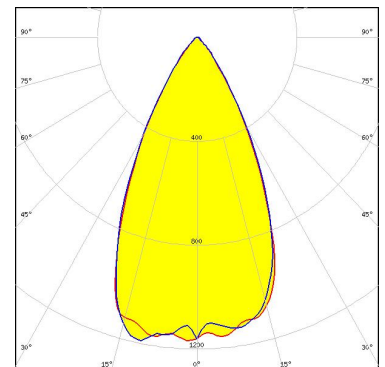


BJB: 47.360.1010

Light distribution files



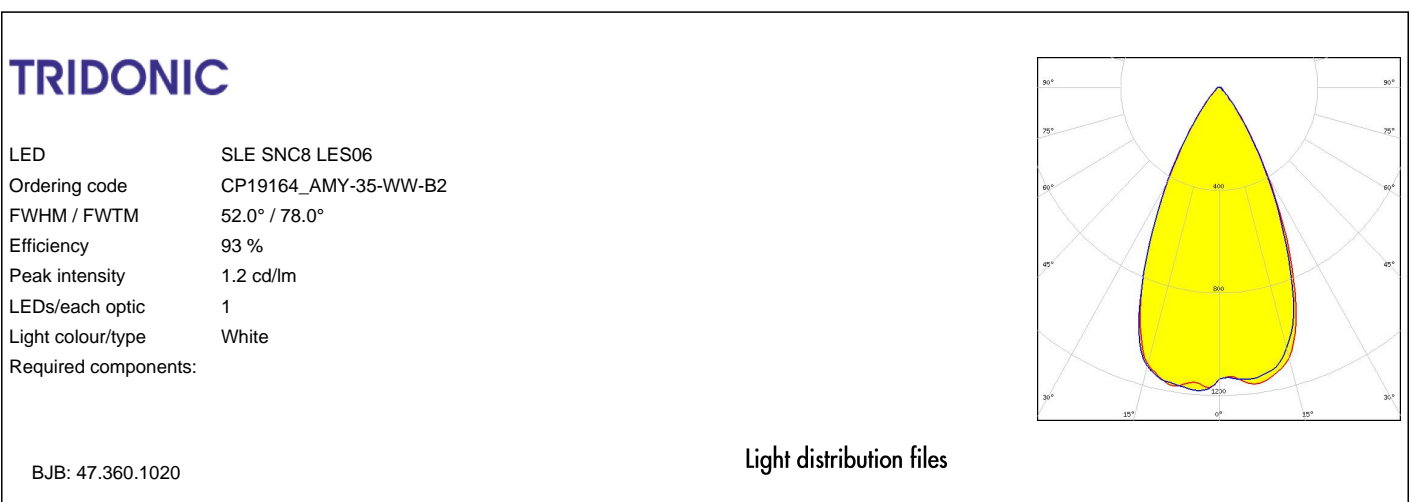
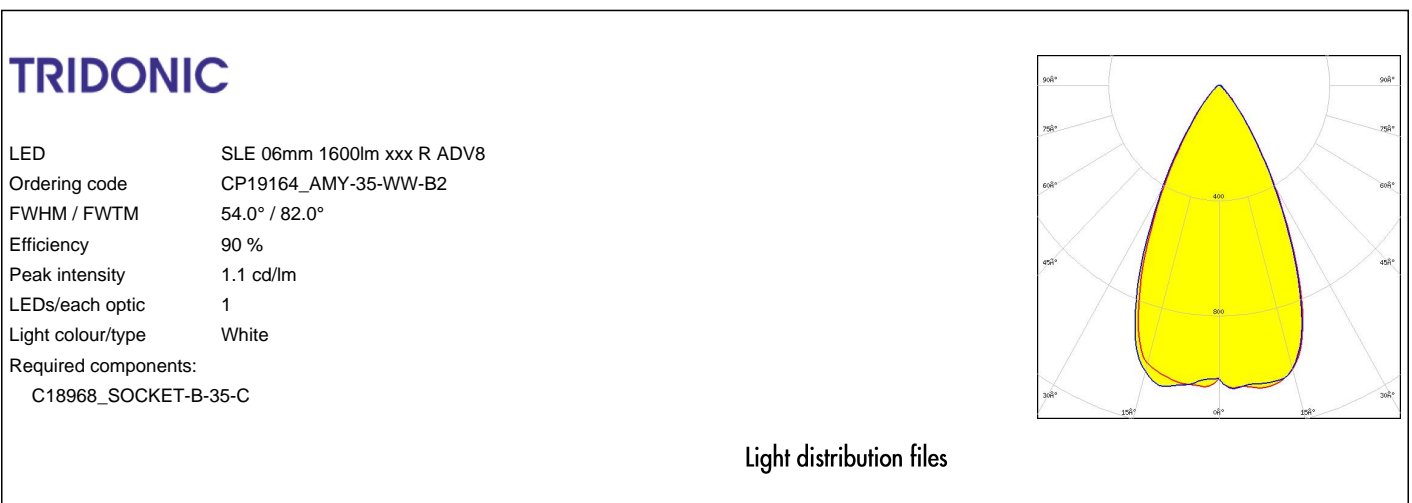
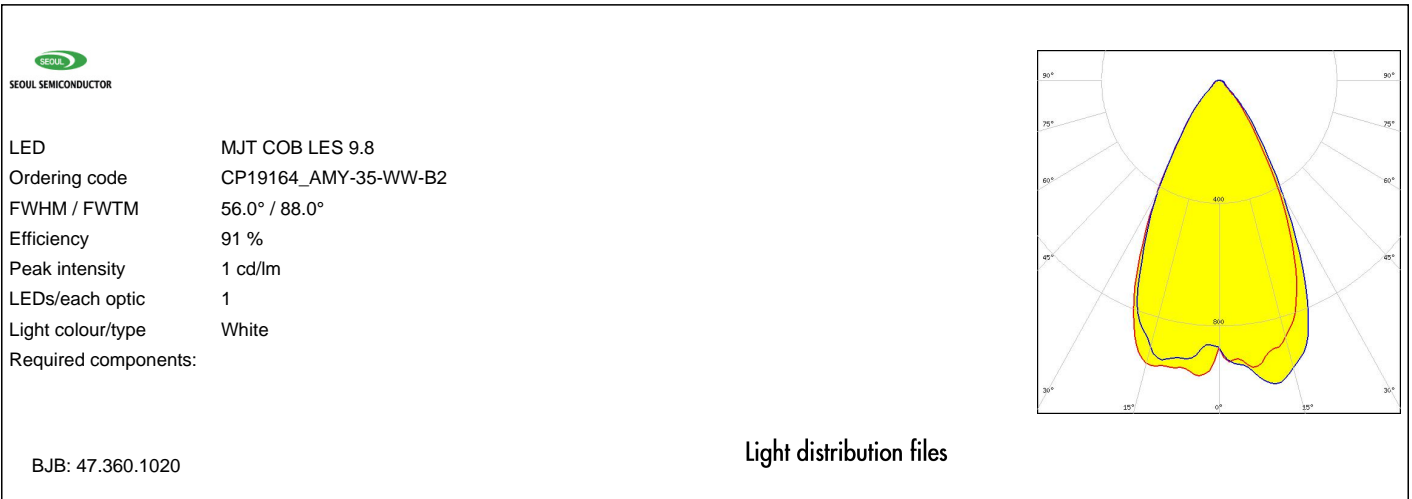
LED MJT COB LES 6
Ordering code CP19164_AMY-35-WW-B2
FWHM / FWTM 53.0° / 79.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



BJB: 47.360.1020

Light distribution files

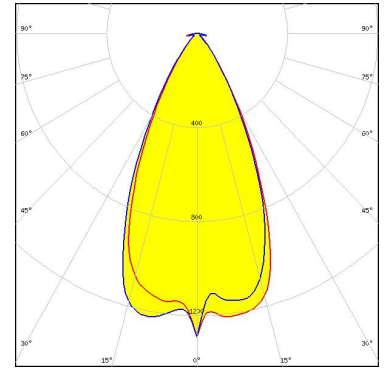
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

XICATO

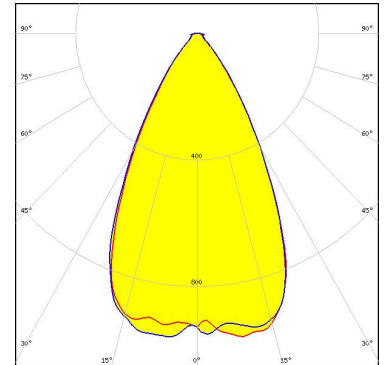
LED	XOB 6 mm
Ordering code	C17797_AMY-35-WW
FWHM / FWTM	49.0° / 76.0°
Efficiency	95 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

XICATO

LED	XOB 9.8 mm
Ordering code	C17797_AMY-35-WW
FWHM / FWTM	56.0° / 85.0°
Efficiency	94 %
Peak intensity	1 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.

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

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[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)