YASMEEN-35-S

~15° spot beam

SPECIFICATION:

Dimensions	Ø 35.0
Height	18 mm
Fastening	socket
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-35-S	Single lens	PMMA	clear	gloss	
YASMEEN-35-HLD-B	Holder B	PC	black		
YASMEEN-35-HLD-B-WHT	Holder B	PC	white		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18518_YASMEEN-35-S	840	120	60	7.9
Assembly				
CP19220_YASMEEN-35-S-B-WHT	780	120	60	9.1
CP18523_YASMEEN-35-S-B	780	120	60	9.2

CP18523_YASMEEN-35-S-B
CP19220_YASMEEN-35-S-B-WHT

18.25 ±0.4
3.5
Ø35 ±0.3

1

2

Connector
BJB / B+W 35mm-interface

COB

INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	C18518_YASMEEN-35-S	LENS	1	PMMA	CLEAR	
2	HOLDER B	HOLDER	1			
	C18522_YASMEEN-35-HLD-B			PC	BLACK	CP18523_YASMEEN-35-S-B
	C19219_YASMEEN-35-HLD-B-WHT			PC	WHITE	CP19220_YASMEEN-35-S-B-WHT

MECHANICAL DRAWING

PRODUCT
YASMEEN-35-S

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

| SCALE | 2:1 | WEIGHT - | A3 | SHEET 1/1 |

LEDiL

Notes
🔴 PCB or heatsink level.
🟢 LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

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② 2.2 ±0.2
18 ±0.5

⑨
Ø34.8 ±0.2

19.75

PART	TYPE	MATERIAL	COLOR / COATING
C18518_YASMEEN-35-S	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT
YASMEEN-35-S

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

| SCALE | 2:1 | WEIGHT - | A3 | SHEET 1/1 |

LEDiL

Notes
🔴 PCB or heatsink level.
🟢 LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

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

OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU7L3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	10.0° / 19.0°
Efficiency	91 %
Peak intensity	20.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19425_SOCKET-B-35-N	
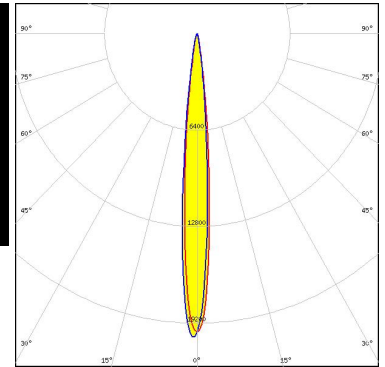
Light distribution files

CITIZEN

LED	CLU7R3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	15.0° / 27.0°
Efficiency	92 %
Peak intensity	10.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19424_SOCKET-B-35-M	
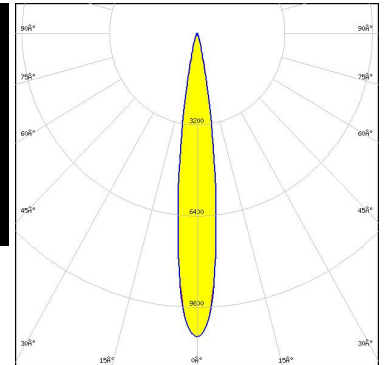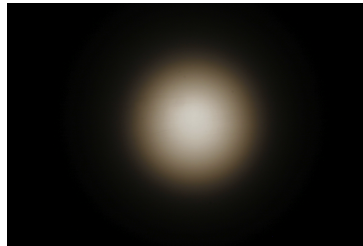
Light distribution files

CITIZEN

LED	CLU7S3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	12.0° / 24.0°
Efficiency	92 %
Peak intensity	13.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19425_SOCKET-B-35-N	
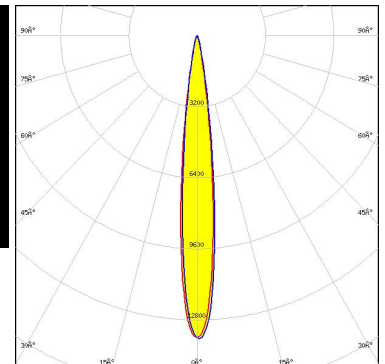
Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LC010C G2
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	19.0° / 38.0°
Efficiency	88 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	

Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux
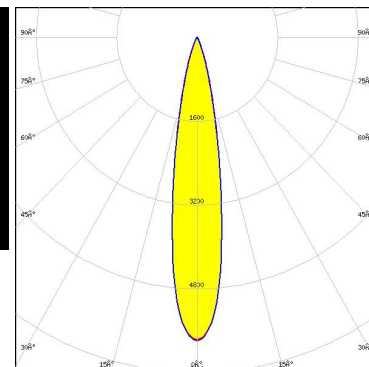
LED	V10 Gen 8-9
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	28.0° / 53.0°
Efficiency	88 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 634b Bayonet35L	

Light distribution files

bridgelux
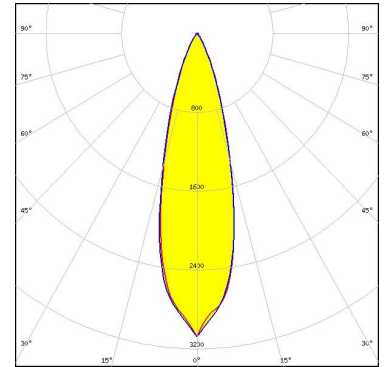
LED	V6 HD Gen 7
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 36.0°
Efficiency	89 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	

Light distribution files

bridgelux
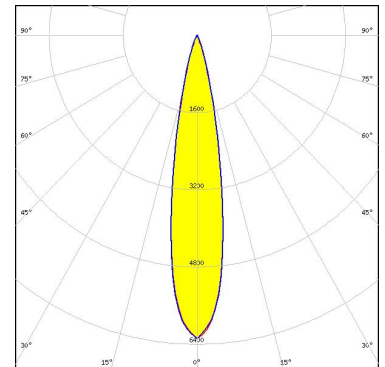
LED	V6 HD Gen 8
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	21.0° / 37.0°
Efficiency	91 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 634c Bayonet35L	

Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux
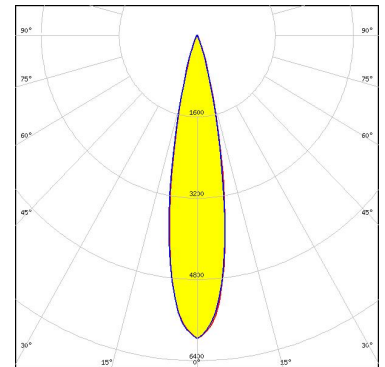
LED	V9 HD Gen 8
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	24.0° / 40.0°
Efficiency	88 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19308_SOCKET-B-35-I	

Light distribution files

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	28.0° / 49.0°
Efficiency	90 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 652b Bayonet35L	
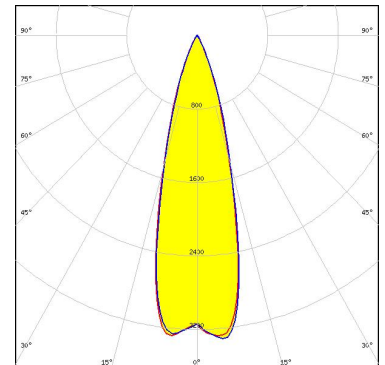
Light distribution files

CITIZEN

LED	CLL02x/CLU02x (LES10)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	28.0° / 53.0°
Efficiency	84 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	
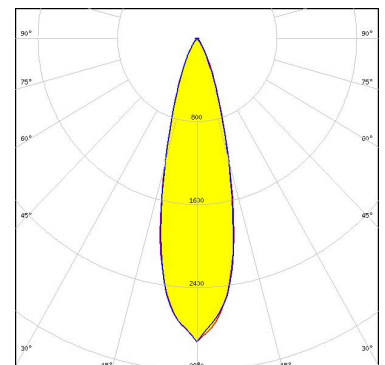
Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP18253_YASMEEN-70-RS-C
FWHM / FWTM	20.0° / 36.0°
Efficiency	87 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
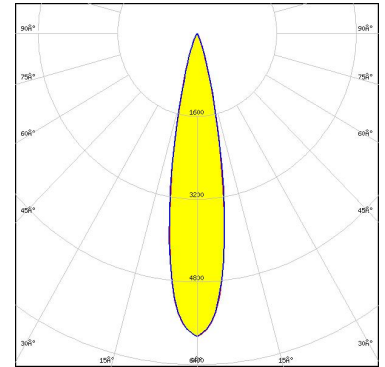
BJB: 47.360.1020

Light distribution files

CITIZEN

LED	CLU7A2/7A3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	14.0° / 28.0°
Efficiency	88 %
Peak intensity	10.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
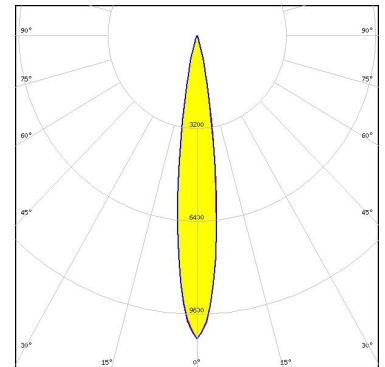
BJB: 47.360.1020

Light distribution files

CITIZEN

LED	CLU7L3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	10.0° / 20.0°
Efficiency	88 %
Peak intensity	18.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19425_SOCKET-B-35-N	
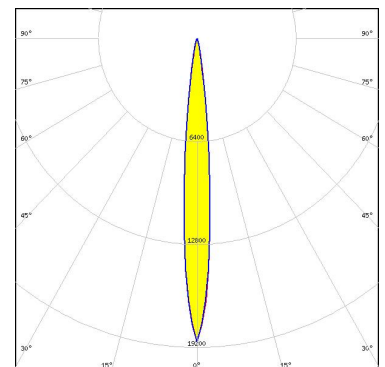
Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU7S3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	14.0° / 25.0°
Efficiency	88 %
Peak intensity	12.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C19425_SOCKET-B-35-N
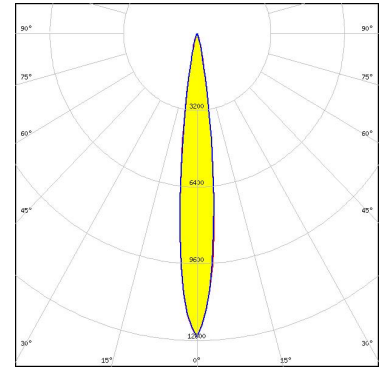
Light distribution files

CREE LEDs

LED	CHA0304
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	12.0° / 23.0°
Efficiency	88 %
Peak intensity	15.6 cd/lm
LEDs/each optic	1
Light colour/type	White

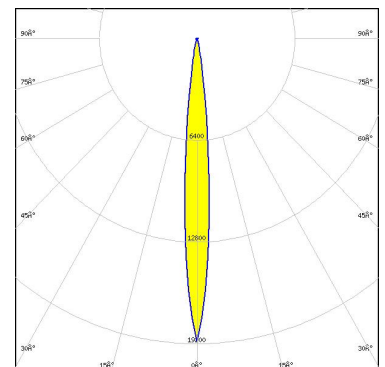Required components:
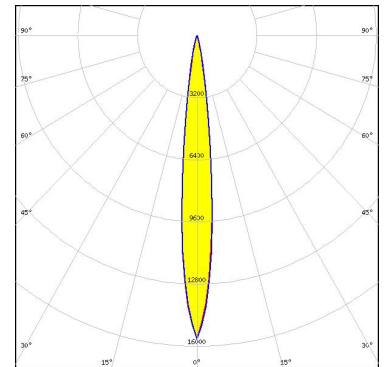
BJB: 47.360.1020

Light distribution files

CREE LEDs

LED	CHA0410
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	16.0° / 28.0°
Efficiency	88 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

BJB: 47.360.1020

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs
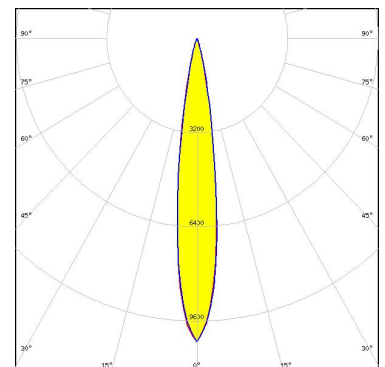
LED	CHA0612
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 36.0°
Efficiency	88 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020
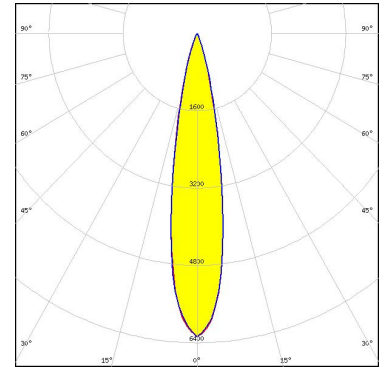
Light distribution files

CREE LEDs

LED	XD16
Ordering code	C18518_YASMEEN-35-S
FWHM / FWTM	8.0° / 20.0°
Efficiency	94 %
Peak intensity	19.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
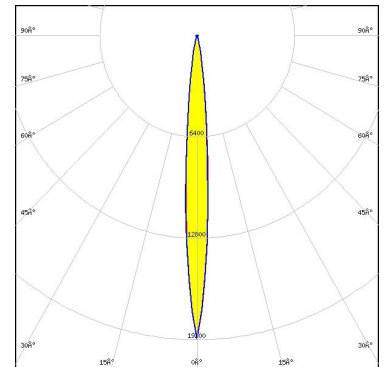
Light distribution files

CREE LEDs

LED	XP-G3
Ordering code	C18518_YASMEEN-35-S
FWHM / FWTM	10.0° / 20.0°
Efficiency	94 %
Peak intensity	19.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LEDiL®

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 7070
Ordering code	C18518_YASMEEN-35-S
FWHM / FWTM	18.0° / 38.0°
Efficiency	94 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LUMILEDS
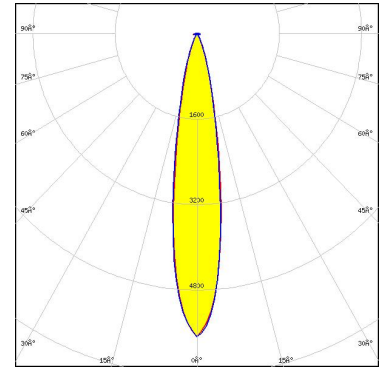
LED	LUXEON CX Plus CoB - HD S01H4
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	16.0° / 30.0°
Efficiency	91 %
Peak intensity	8.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634c Bayonet35L

Light distribution files

LUMILEDS
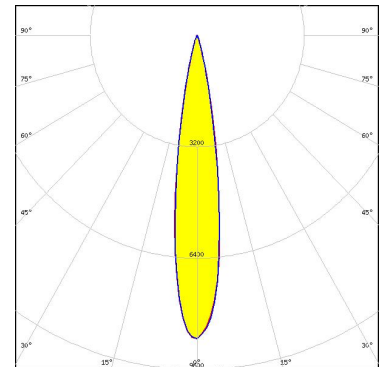
LED	LUXEON CX Plus CoB - HD S02H6
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	22.0° / 38.0°
Efficiency	91 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634c Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS
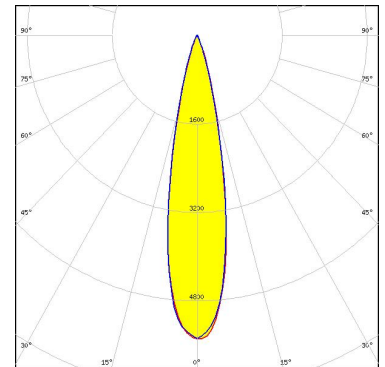
LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	30.0° / 54.0°
Efficiency	89 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634a Bayonet35L

Light distribution files

LUMILEDS
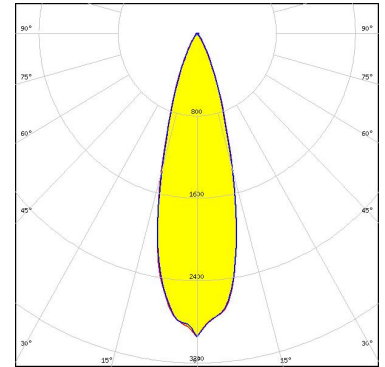
LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	30.0° / 60.0°
Efficiency	74 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
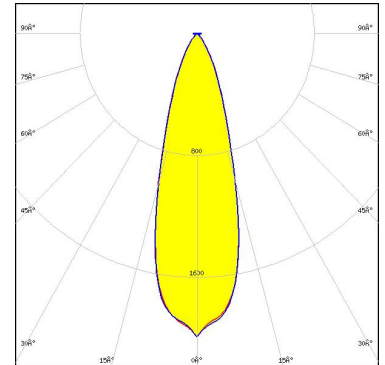
BJB: 47.360.1040

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB S01 (Gen2)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	18.0° / 35.0°
Efficiency	91 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
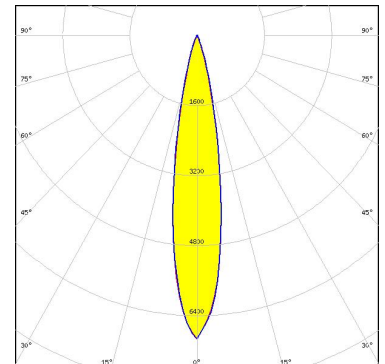
Bender Wirth: 634c Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CXM-3
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	12.0° / 22.0°
Efficiency	91 %
Peak intensity	15.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
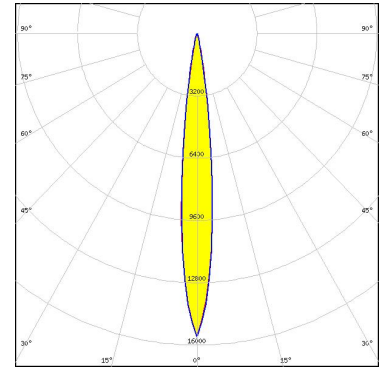
Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CXM-4
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	16.0° / 28.0°
Efficiency	91 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
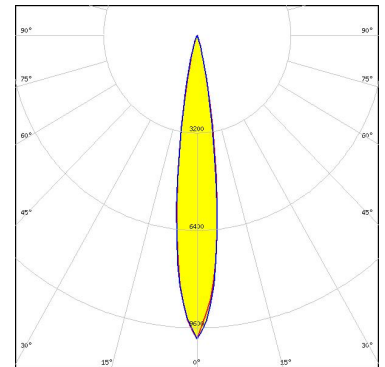
Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 38.0°
Efficiency	88 %
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
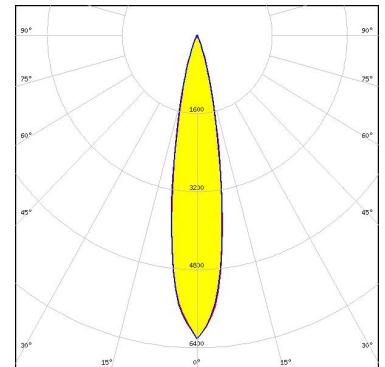
BJB: 47.360.1020

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP19220_YASMEEN-35-S-B-WHT
FWHM / FWTM	20.0° / 34.0°
Efficiency	94 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
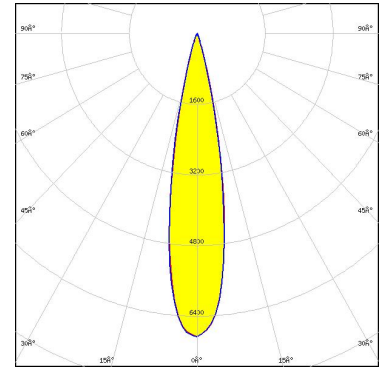
Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 41.0°
Efficiency	87 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

Light distribution files

NICHIA
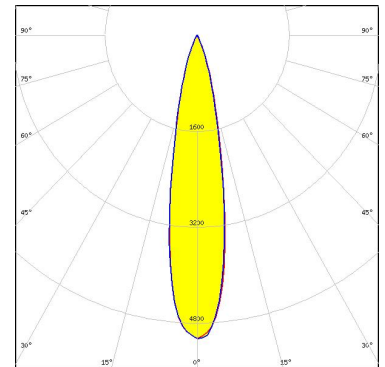
LED	COB S-Type (LES 6)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 36.0°
Efficiency	91 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
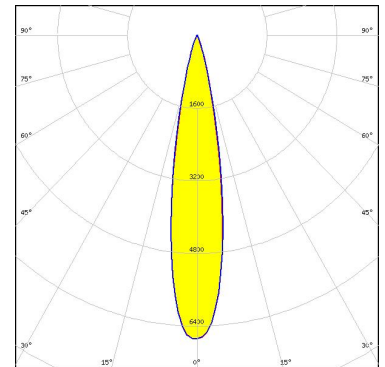
Bender Wirth: 652a Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	22.0° / 40.0°
Efficiency	91 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA
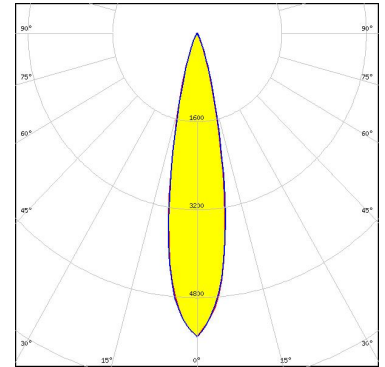
LED	COB T-Type
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	20.0° / 36.0°
Efficiency	91 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 652a Bayonet35L

Light distribution files

SAMSUNG
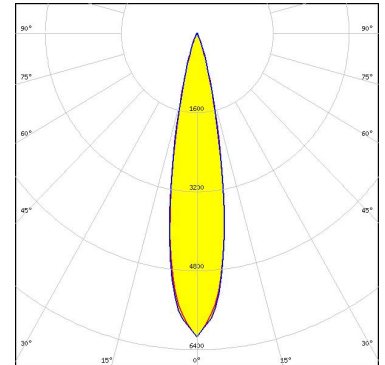
LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	26.0° / 52.0°
Efficiency	84 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

Light distribution files

LEDiL®
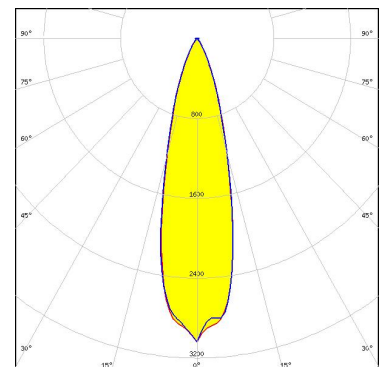
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18523_YASMEEN-35-S-B
FWHM / FWTM	32.0° / 62.0°
Efficiency	77 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

Light distribution files
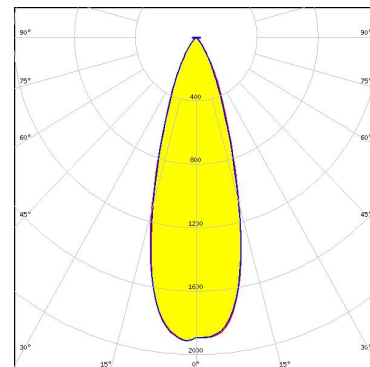
GENERAL INFORMATION:

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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