YASMEEN-70-WW

~60° wide beam



SPECIFICATION:

Dimensions	Ø 70.0
Height	34.6 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-WW	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT	Holder B	PC	white		

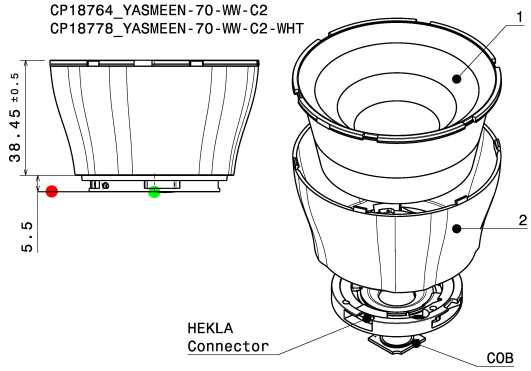
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

ORDERING INFORMATION:

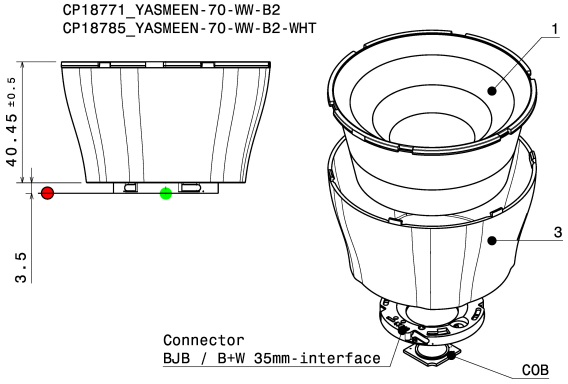
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17241_YASMEEN-70-WW	105	105	15	8.2
Assembly				
CP19966_YASMEEN-70-WW-B50-WHT	105	105	15	9.5
CP19959_YASMEEN-70-WW-B50	105	105	15	9.5
CP18785_YASMEEN-70-WW-B2-WHT	105	105	15	9.7
CP18778_YASMEEN-70-WW-C2-WHT	105	105	15	9.6
CP18771_YASMEEN-70-WW-B2	105	105	15	9.7
CP18764_YASMEEN-70-WW-C2	105	105	15	9.6

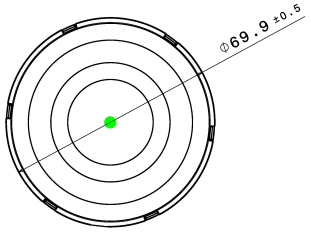
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CP18764_YASMEEN-70-WW-C2
CP18778_YASMEEN-70-WW-C2-WHT



CP18771_YASMEEN-70-WW-B2
CP18785_YASMEEN-70-WW-B2-WHT





Top view
Scale: 1:1

INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	C17241_YASMEEN-70-WW	LENS	1	PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C18692_YASMEEN-70-HLD2-C			PC	BLACK	CP18764_YASMEEN-70-WW-C2
	C18700_YASMEEN-70-HLD2-C-WHT			PC	WHITE	CP18778_YASMEEN-70-WW-C2-WHT
3	HOLDER B					
	C18693_YASMEEN-70-HLD2-B			PC	BLACK	CP18771_YASMEEN-70-WW-B2
	C18701_YASMEEN-70-HLD2-B-WHT			PC	WHITE	CP18785_YASMEEN-70-WW-B2-WHT
4	HOLDER B50					
	C19945_YASMEEN-70-HLD2-B50			PC	BLACK	CP19959_YASMEEN-70-WW-B50
	C19946_YASMEEN-70-HLD2-B50-WHT			PC	WHITE	CP19966_YASMEEN-70-WW-B50-WHT

MECHANICAL DRAWING

PRODUCT
YASMEEN-70-WW

LEDiL

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:

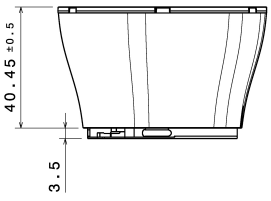
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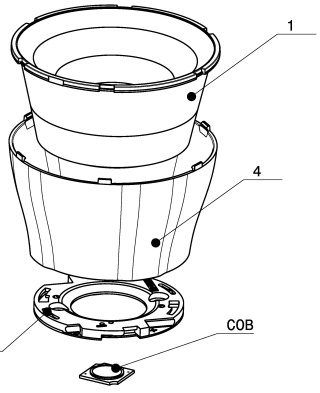
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/3

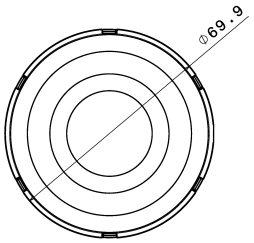
Notes

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

CP19959_YASMEEN-70-WW-B50
CP19966_YASMEEN-70-WW-B50-WHT







INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	C17241_YASMEEN-70-WW	LENS	1	PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C18692_YASMEEN-70-HLD2-C			PC	BLACK	CP18764_YASMEEN-70-WW-C2
	C18700_YASMEEN-70-HLD2-C-WHT			PC	WHITE	CP18778_YASMEEN-70-WW-C2-WHT
3	HOLDER B					
	C18693_YASMEEN-70-HLD2-B			PC	BLACK	CP18771_YASMEEN-70-WW-B2
	C18701_YASMEEN-70-HLD2-B-WHT			PC	WHITE	CP18785_YASMEEN-70-WW-B2-WHT
4	HOLDER B50					
	C19945_YASMEEN-70-HLD2-B50			PC	BLACK	CP19959_YASMEEN-70-WW-B50
	C19946_YASMEEN-70-HLD2-B50-WHT			PC	WHITE	CP19966_YASMEEN-70-WW-B50-WHT

MECHANICAL DRAWING

PRODUCT
YASMEEN-70-WW

LEDiL

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:

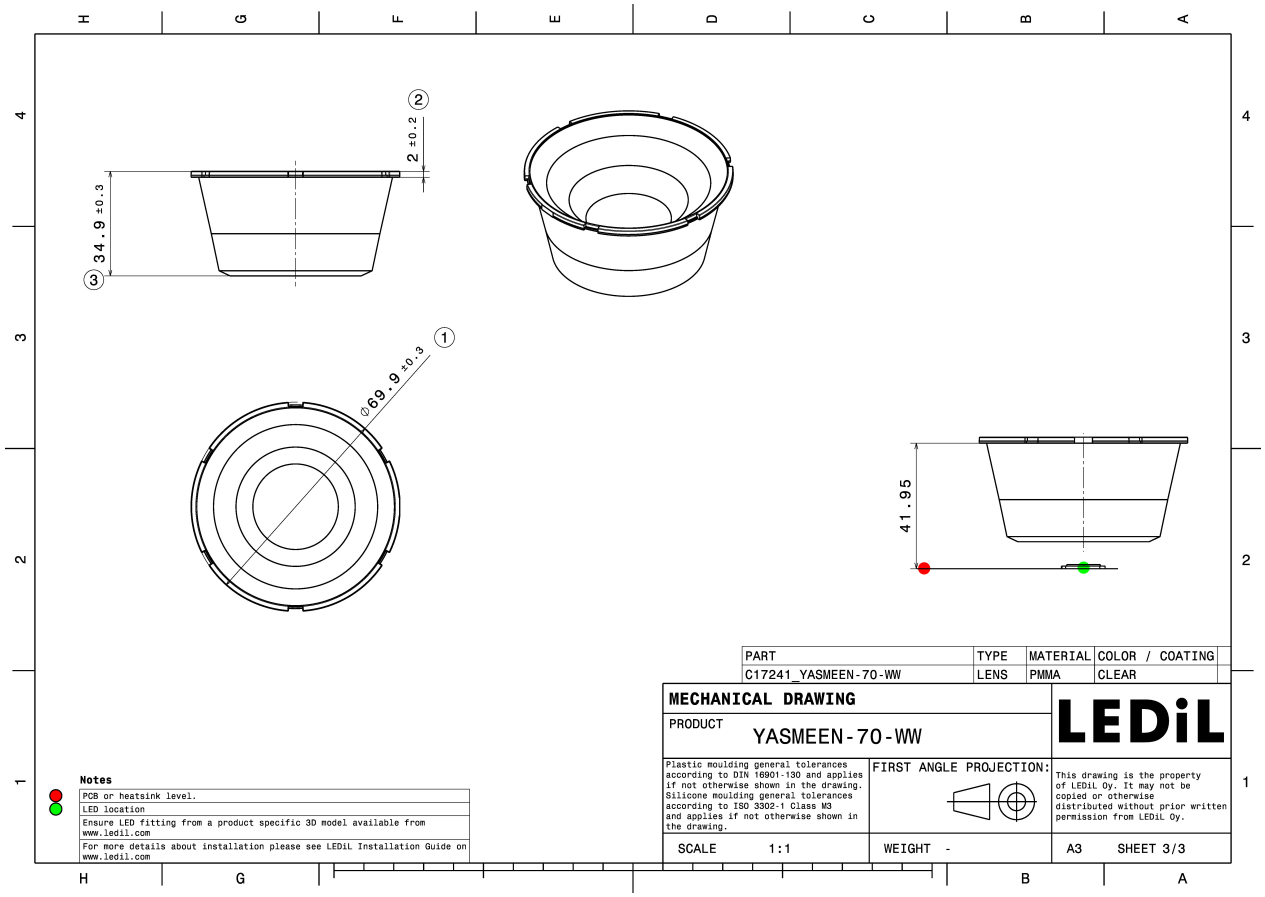
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SCALE 1:1 | WEIGHT - | A3 | SHEET 2/3

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

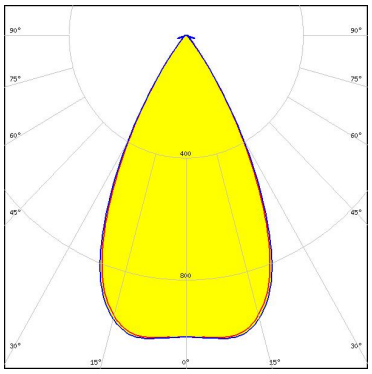
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	V10 Gen 8-9
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 76.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



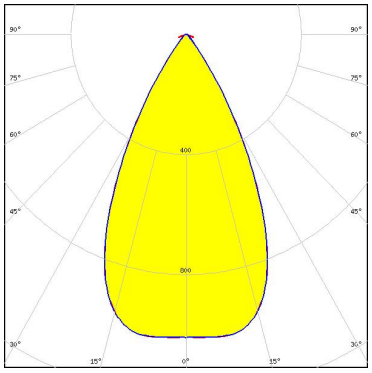


Light distribution files

bridgelux

LED	V11 HD Gen 8
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 75.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 633d Hekla	



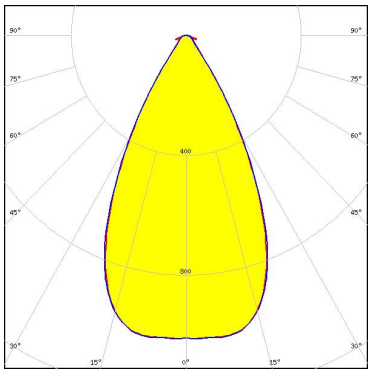


Light distribution files

bridgelux

LED	V11 HD Gen 8
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 633d Hekla	





Light distribution files

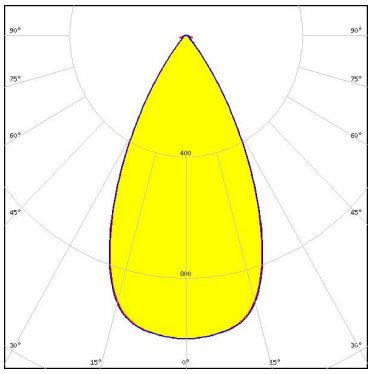
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	V13 Gen 8-9
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 78.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



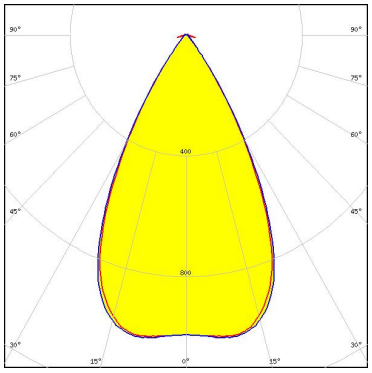


Light distribution files

bridgelux

LED	V8 Gen 8-9
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	85 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	

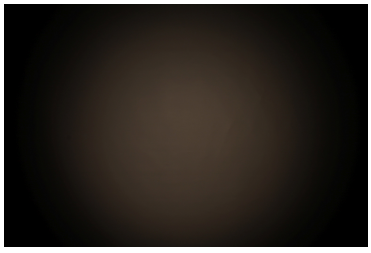


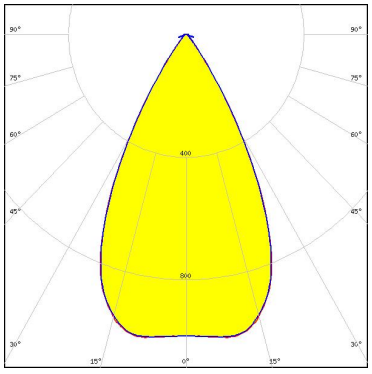


Light distribution files

bridgelux

LED	V9 HD Gen7
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	





Light distribution files

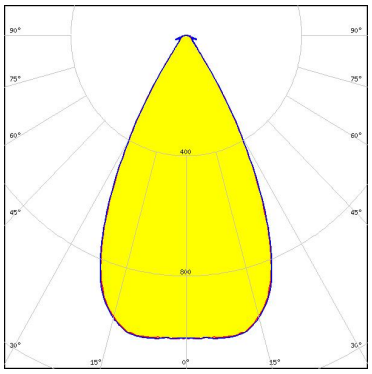
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	V9 HD Gen7
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 76.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	

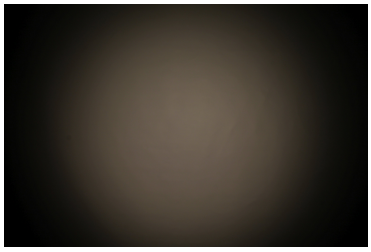


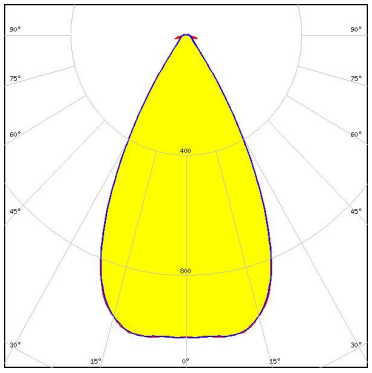


Light distribution files

bridgelux

LED	VERO10
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.5° / 76.5°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15616_HEKLA-SOCKET-F	

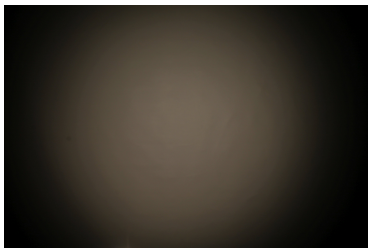


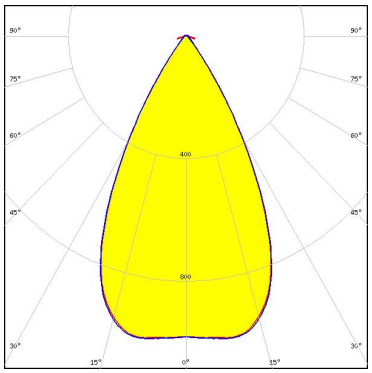


Light distribution files

bridgelux

LED	VERO10
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 75.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15616_HEKLA-SOCKET-F	





Light distribution files

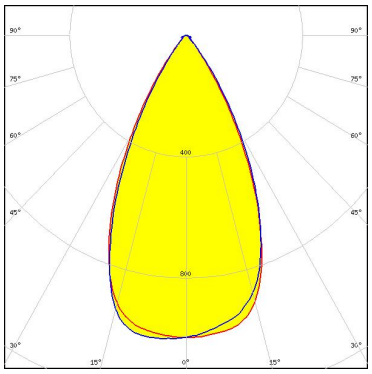
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	Vesta DTW 13mm (21W)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632a Hekla	



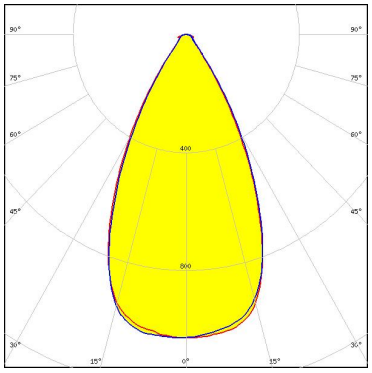


Light distribution files

bridgelux

LED	Vesta DTW 13mm (21W)
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	54.0° / 79.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	



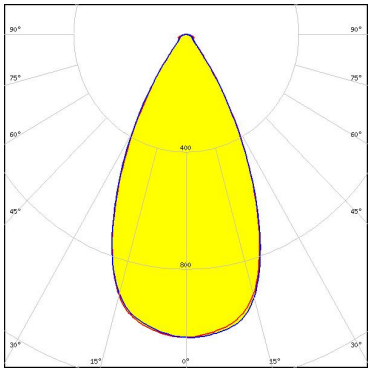


Light distribution files

bridgelux

LED	Vesta DTW 15mm (33W)
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 80.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	





Light distribution files

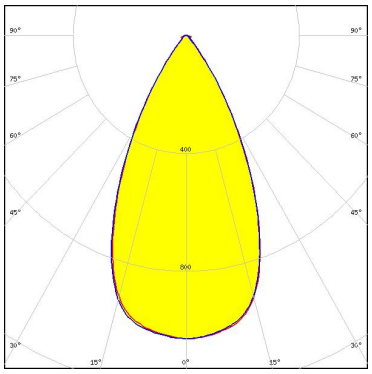
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	Vesta DTW 15mm (33W)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	



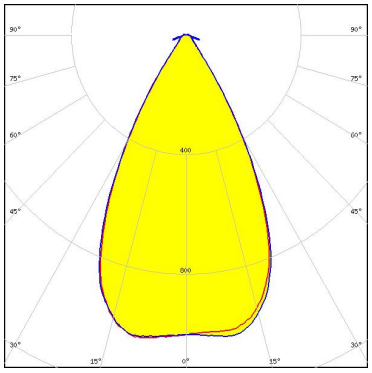


Light distribution files

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	56.0° / 77.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 652b Hekla	



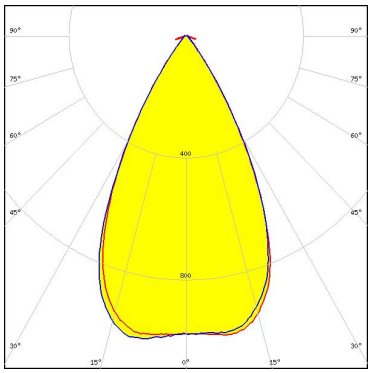


Light distribution files

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 652b Hekla	





Light distribution files

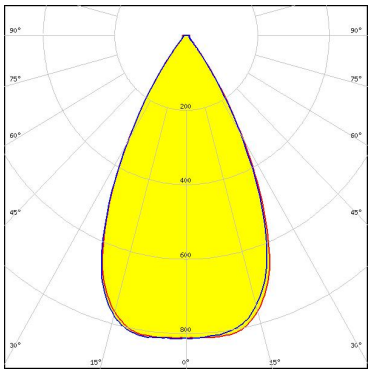
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	Vesta RGBW 10mm CSP
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 78.0°
Efficiency	69 %
Peak intensity	0.8 cd/lm
LEDs/each optic	28
Light colour/type	RGBW
Required components:	
C19950_HEKLA-SOCKET-RZ	



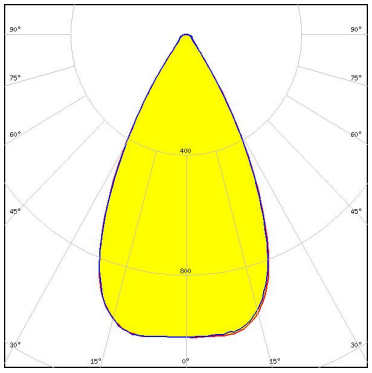


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 77.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



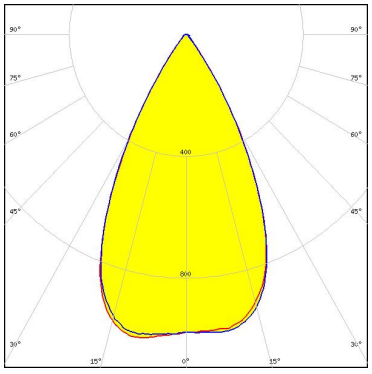


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	





Light distribution files

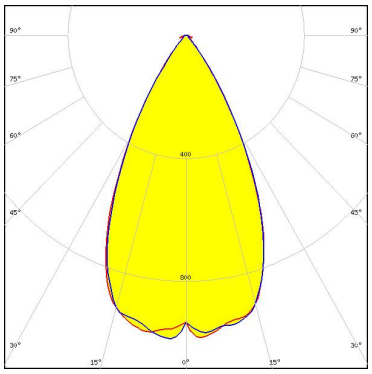
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OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU03x
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



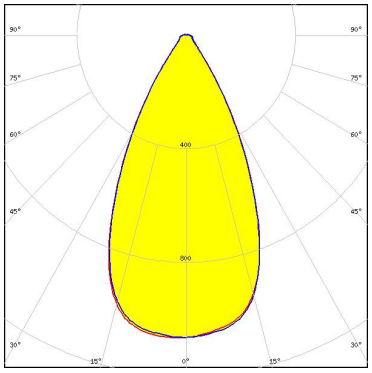


Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 78.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



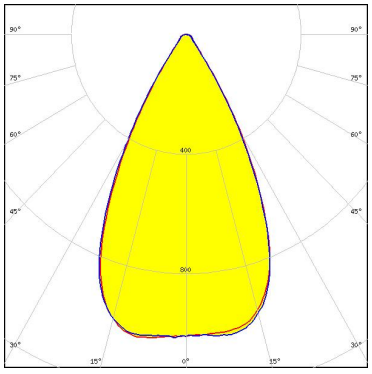


Light distribution files

CREE LEDs

LED	CMA1516
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 77.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	





Light distribution files

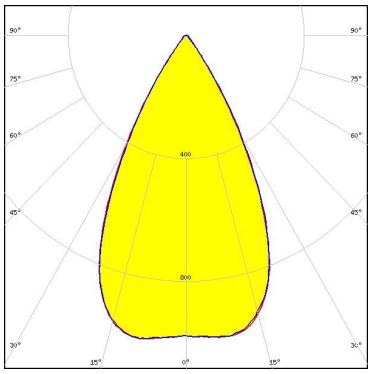
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMA1516
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	



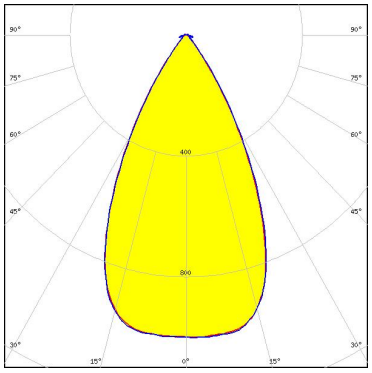


Light distribution files

CREE LEDs

LED	CMA1825
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



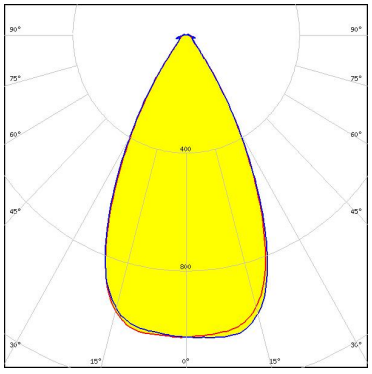


Light distribution files

CREE LEDs

LED	CMA1825
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	54.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	





Light distribution files

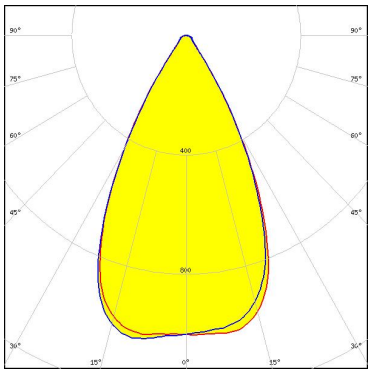
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMT14xx
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 77.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



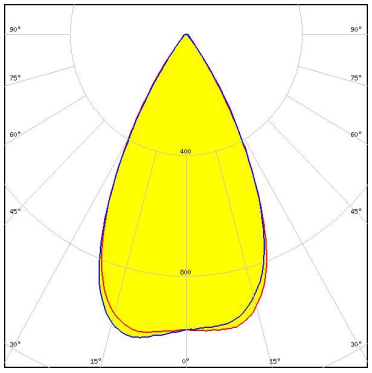


Light distribution files

CREE LEDs

LED	CMT14xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



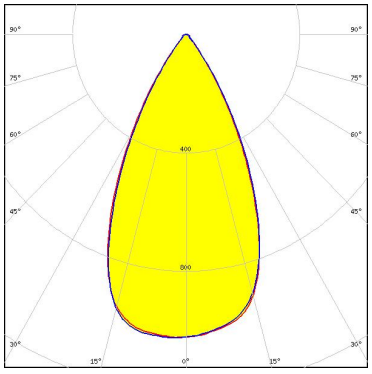


Light distribution files

CREE LEDs

LED	CMT19xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

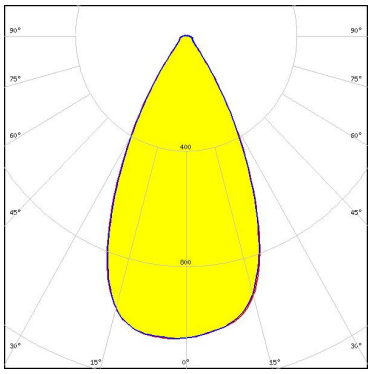
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMT19xx
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 78.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



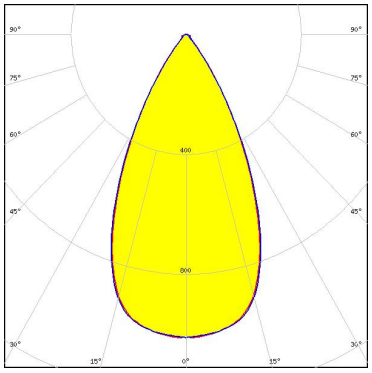


Light distribution files

CREE LEDs

LED	CMU15xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 77.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



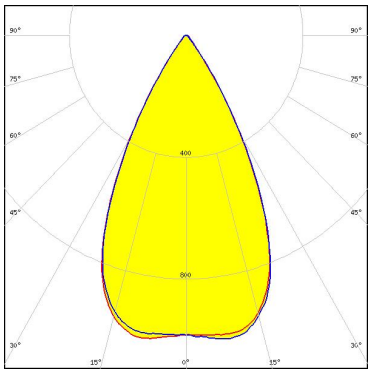


Light distribution files

LUMILEDS

LED	LUXEON CoB 1202/1203
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	55.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	





Light distribution files

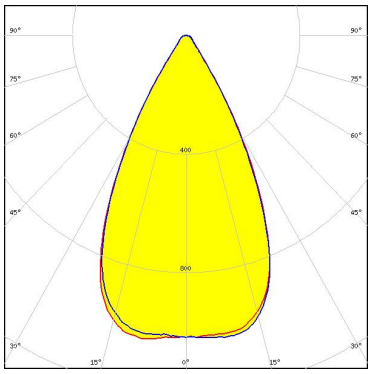
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON CoB 1202/1203
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 76.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



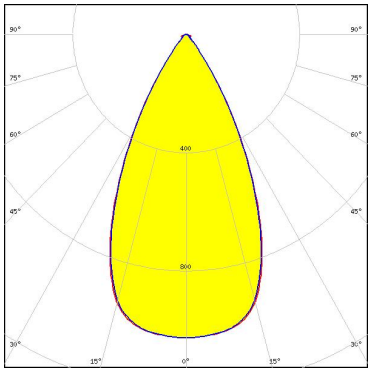


Light distribution files

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 442 Typ L8	



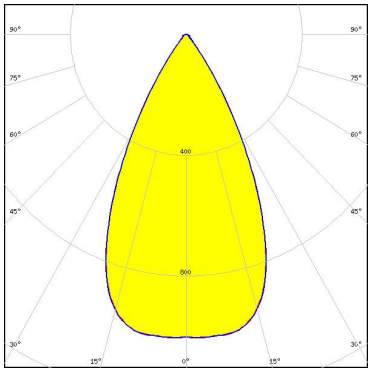


Light distribution files

NICHIA

LED	COB L-Type (LES 11)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 75.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	





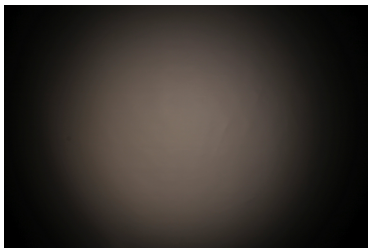
Light distribution files

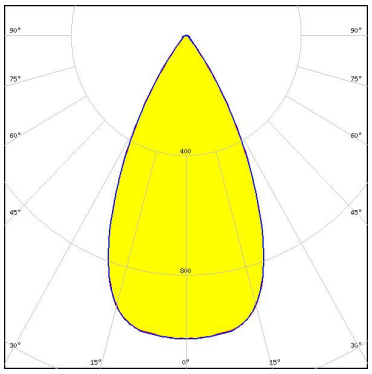
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OPTICAL RESULTS (MEASURED):

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



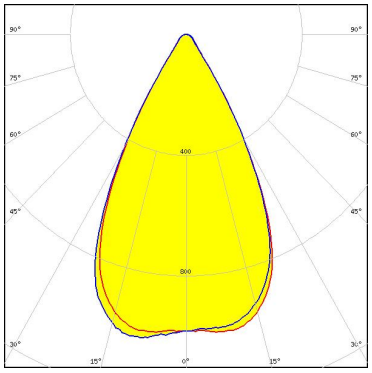


Light distribution files

PHILIPS

LED	Fortimo SLM C TW L06A 1313 G7N
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	57.0° / 76.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 508 Typ L8	

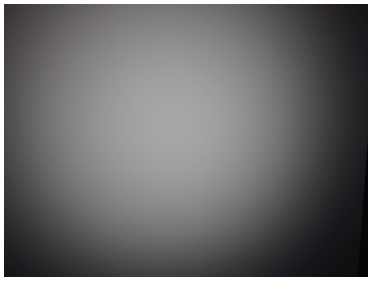


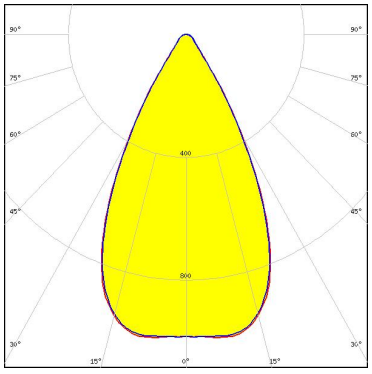


Light distribution files

PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	55.0° / 78.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 501 Typ L8	





Light distribution files

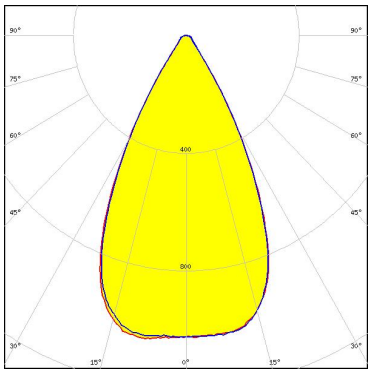
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OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM L09 CoB
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	54.0° / 76.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



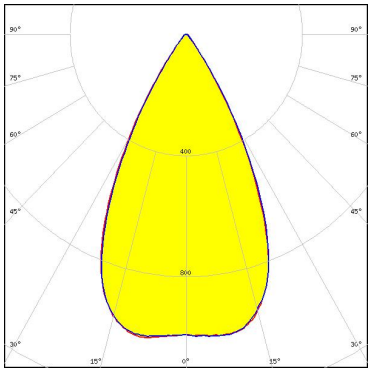


Light distribution files

PHILIPS

LED	Fortimo SLM L09 CoB
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	

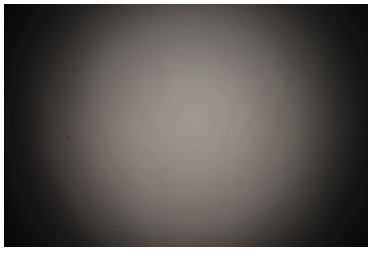


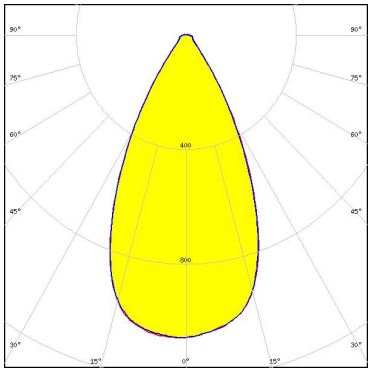


Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 79.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

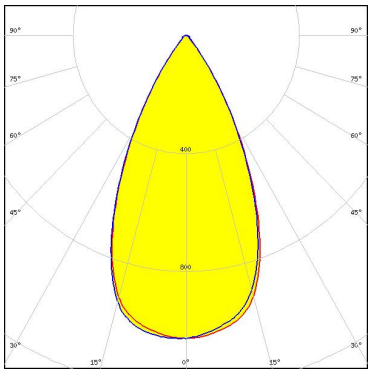
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OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



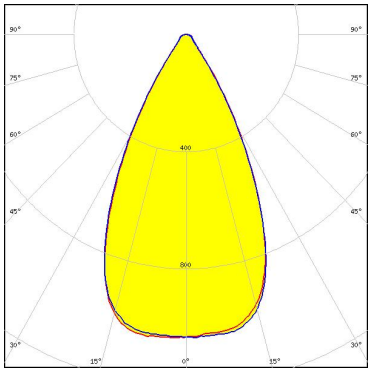


Light distribution files

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	54.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



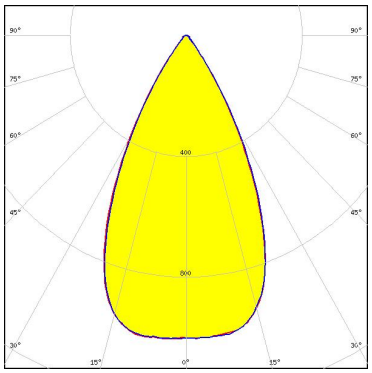


Light distribution files

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

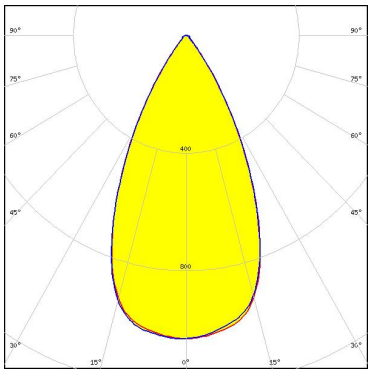
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OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



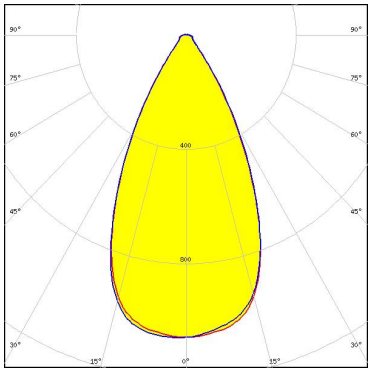


Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 79.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



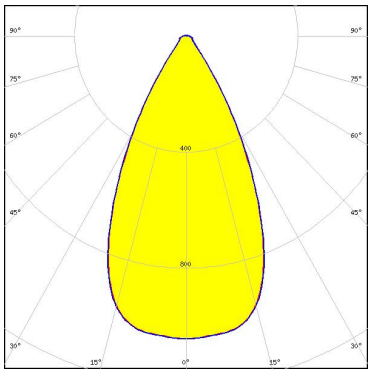


Light distribution files

TRIDONIC

LED	SLE G7 LES13
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	53.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

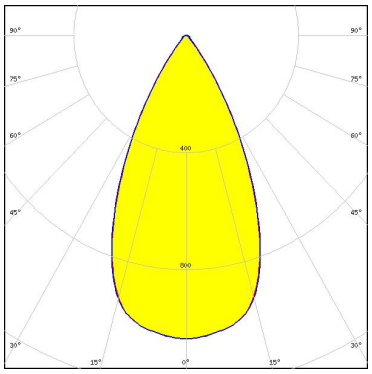
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	SLE G7 LES15
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



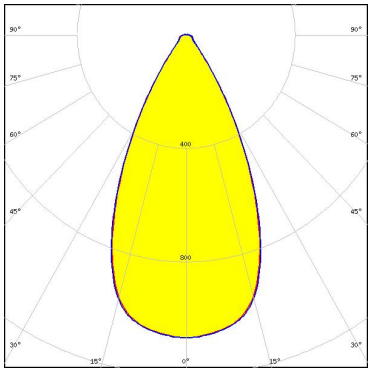


Light distribution files

TRIDONIC

LED	SLE G7 LES15
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	52.0° / 78.0°
Efficiency	90 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





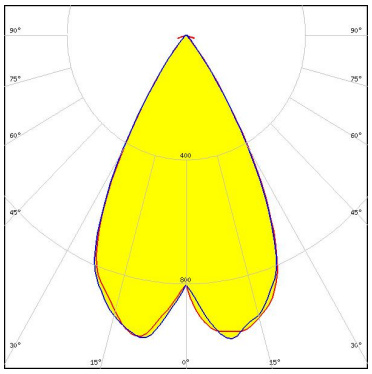
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

bridgelux

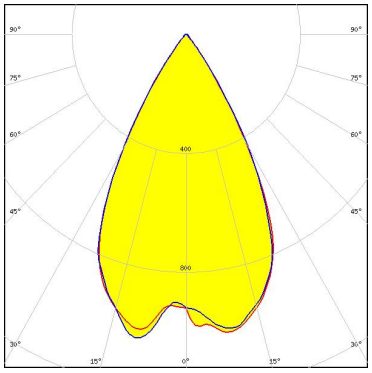
LED	V6 HD Gen 7
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 76.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

bridgelux

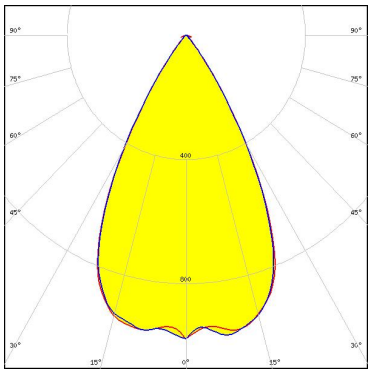
LED	V6 HD Gen 8
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 76.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

bridgelux

LED	V8 Gen 8-9
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	57.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



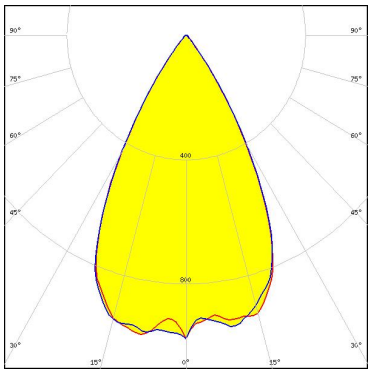
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

bridgelux

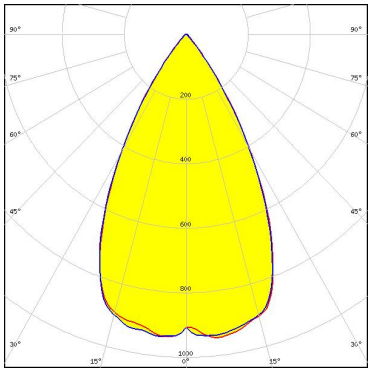
LED	V9 HD Gen 8
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	57.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

bridgelux

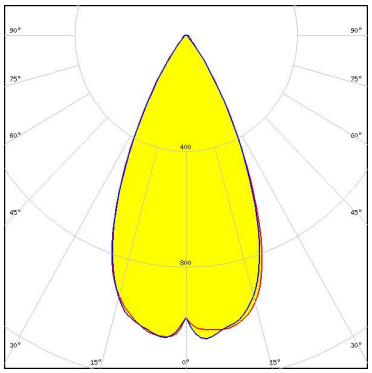
LED	VERO13
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 80.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta SE 13mm TW
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	51.0° / 74.0°
Efficiency	76 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



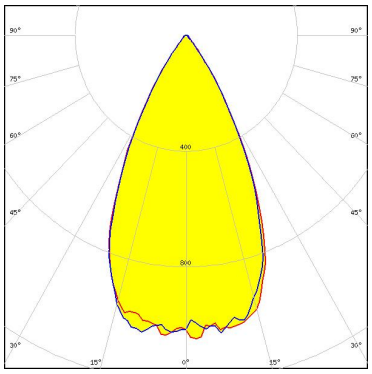
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	Vesta TW 13mm (18W) DP
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 75.0°
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

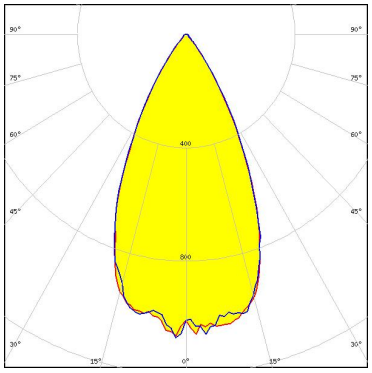


Light distribution files

Bender Wirth: 492 Typ L8

bridgelux

LED	Vesta TW 15mm DP
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	51.0° / 76.0°
Efficiency	78 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

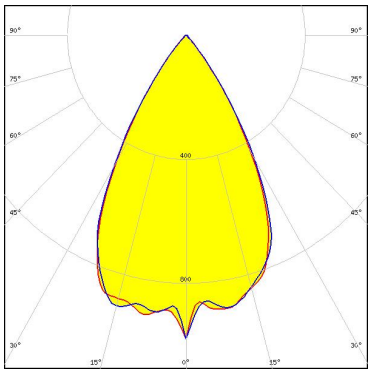


Light distribution files

Bender Wirth: 482 Typ L8

bridgelux

LED	Vesta TW 9mm (9W) DP
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	59.0° / 80.0°
Efficiency	84 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

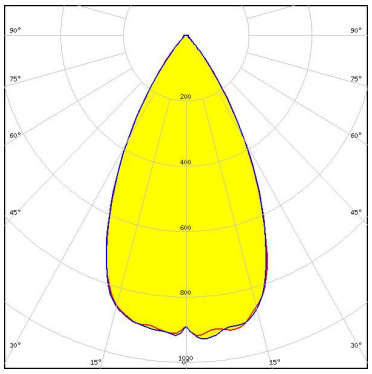
Bender Wirth: 489 Typ L8

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CITIZEN

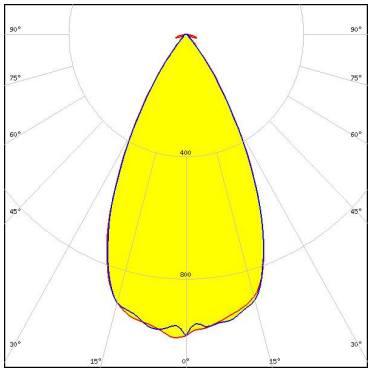
LED	CLU03Q Type-F
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 80.0°
Efficiency	78 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	54.0° / 78.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

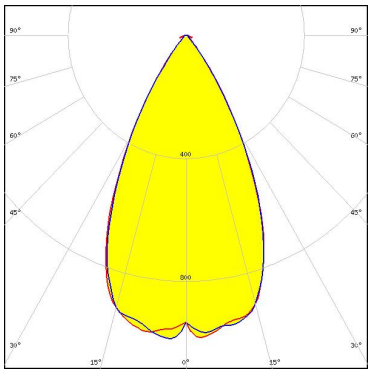


BJB: 47.360.1010

Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 78.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



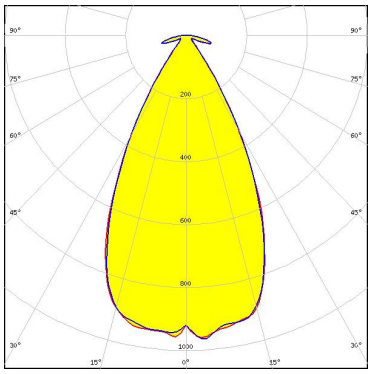
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CITIZEN

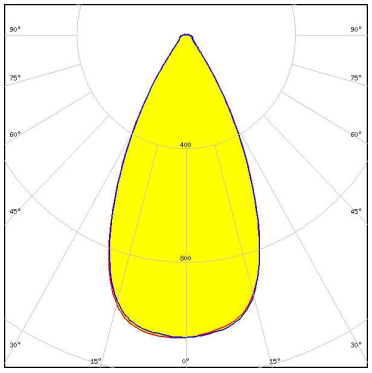
LED	CLU03x
Ordering code	C17241_YASMEEN-70-WW
FWHM / FWTM	54.0° / 78.0°
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

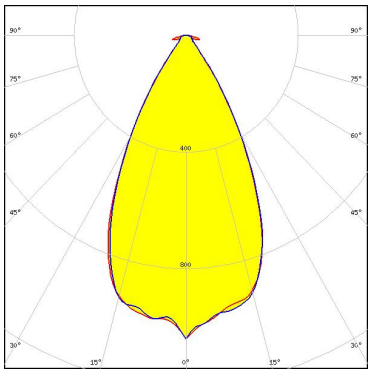
LED	CLU03x
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	54.0° / 80.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18785_YASMEEN-70-WW-B2-WHT
FWHM / FWTM	54.0° / 80.0°
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

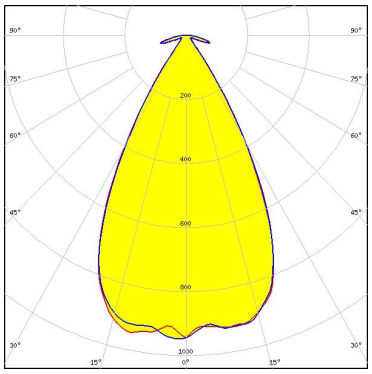
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CITIZEN

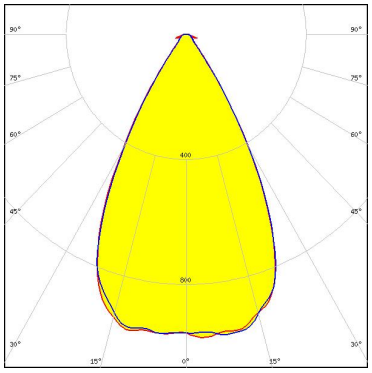
LED	CLU712/713
Ordering code	C17241_YASMEEN-70-WW
FWHM / FWTM	57.0° / 76.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

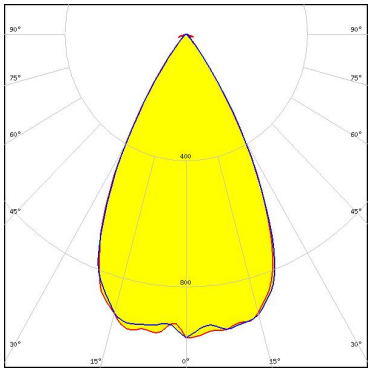
LED	CLU712/713
Ordering code	CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM	58.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU712/713
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

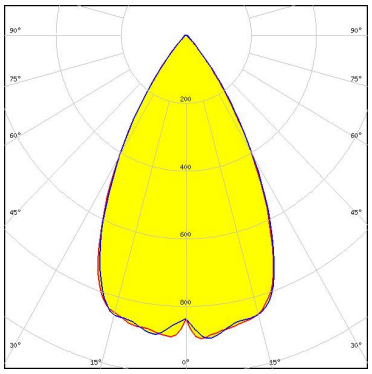
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU733 Type-F
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 82.0°
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 631b Hekla XL

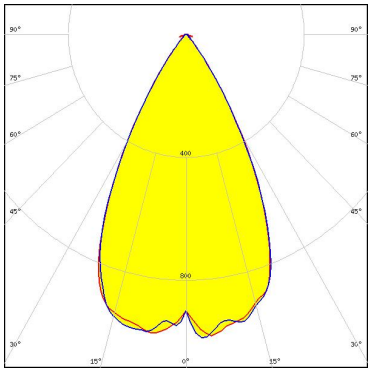


Light distribution files

CREE LEDs

LED	CMU10xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F17435_HEKLA-G2-C

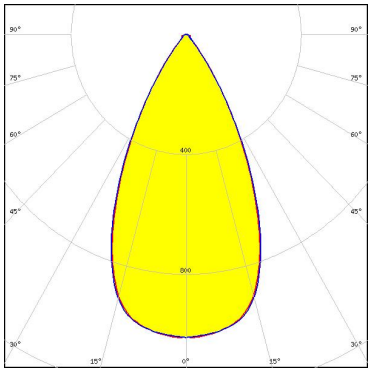


Light distribution files

CREE LEDs

LED	CMU15xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F17438_HEKLA-G2-I



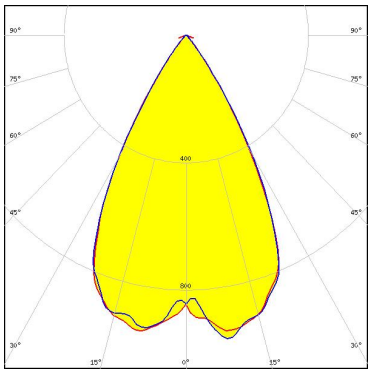
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CREE LEDs

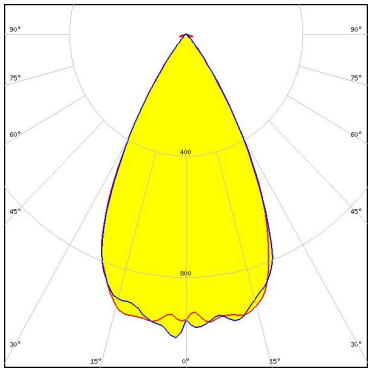
LED	CXA/B 13xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17439_HEKLA-G2-J	



Light distribution files

CREE LEDs

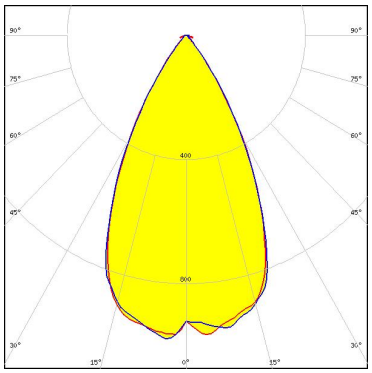
LED	CXA/B 15xx
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	



Light distribution files

CREE LEDs

LED	CXA/B 1830
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 78.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 637b Hekla

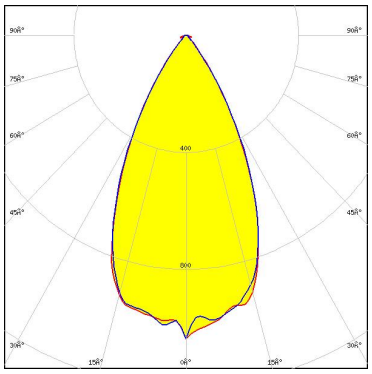
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

inventronics

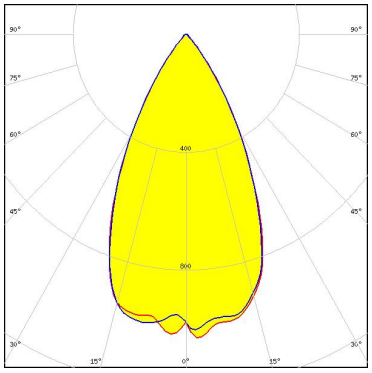
LED	PrevaLED Core G7 LES15 CoB
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 78.0°
Efficiency	78 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 78.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

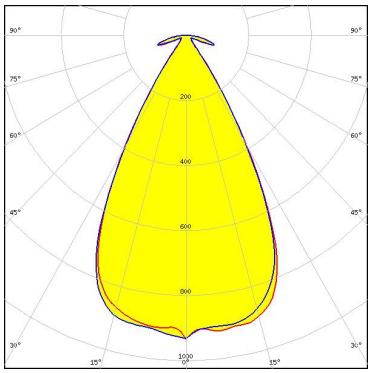


Bender Wirth: 637a Hekla

Light distribution files

LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	57.0° / 75.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



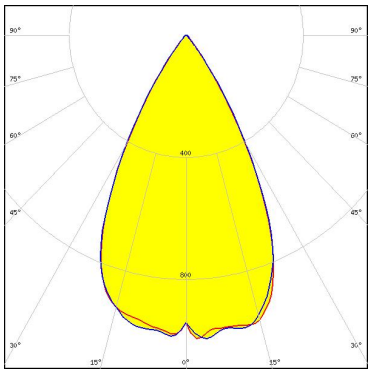
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

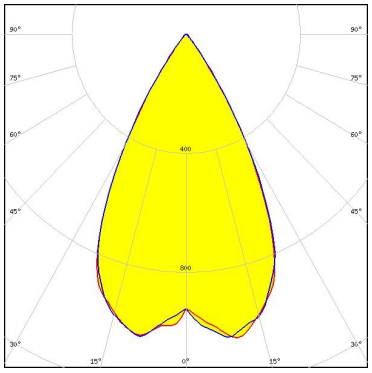
LED	LUXEON CoB 1202/1203
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

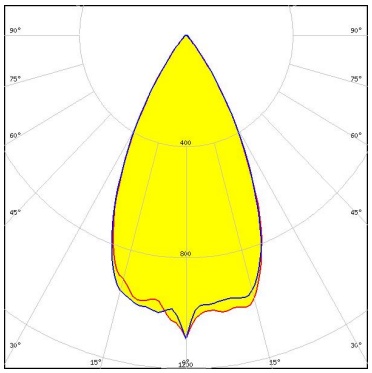
LED	LUXEON CoB 1202HD
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	57.0° / 75.0°
Efficiency	84 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15848_HEKLA-SOCKET-G	



Light distribution files

LUMILEDS

LED	LUXEON CoB 1204/1205
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 632a Hekla XL

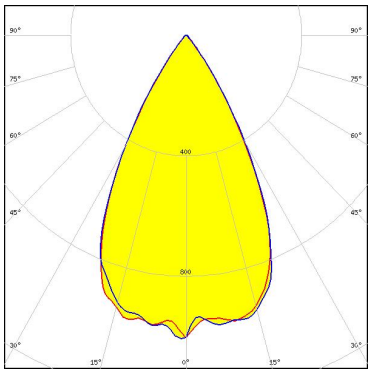
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

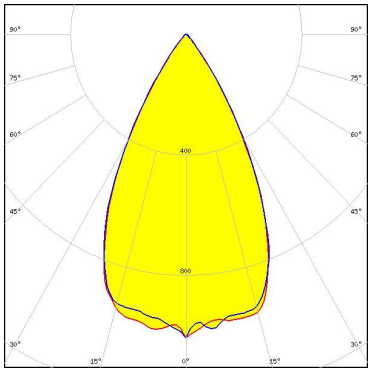
LED	LUXEON CoB 1204HD
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

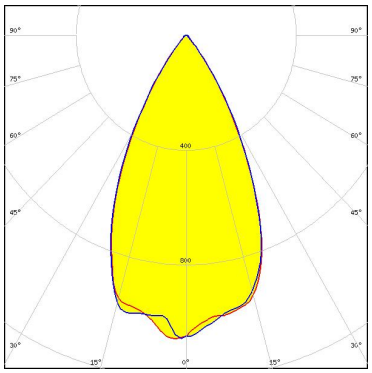
LED	LUXEON CoB 1205HD
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

LED	LUXEON CoB 1208
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 77.0°
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

Bender Wirth: 632a Hekla XL

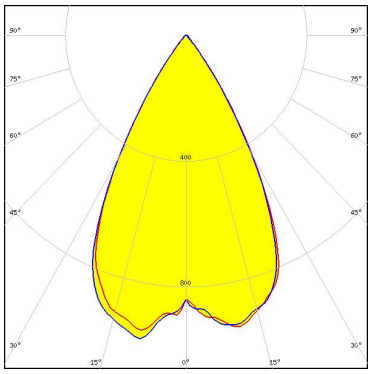
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON CX Plus CoB - HD S02H6
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	58.0° / 77.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634c Bayonet35L

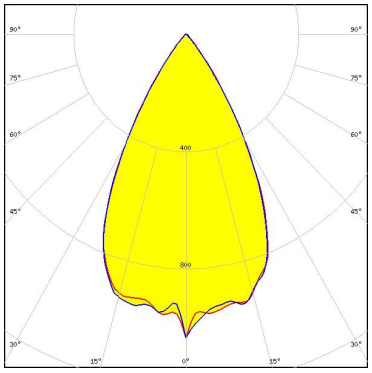


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	56.0° / 78.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

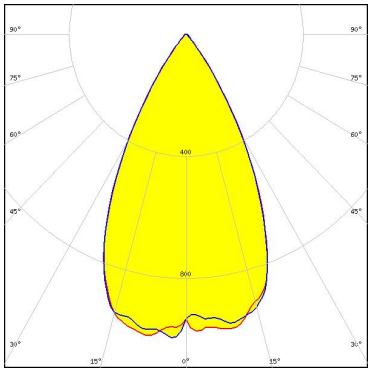
Bender Wirth: 634a Bayonet35L



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



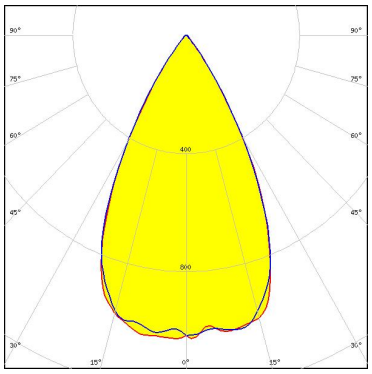
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

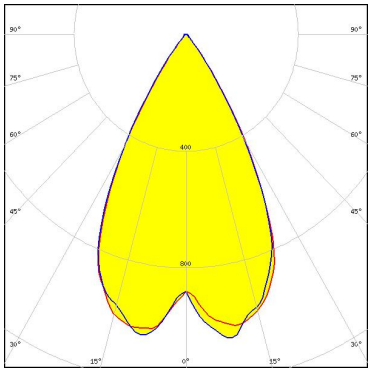
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	83 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMILEDS

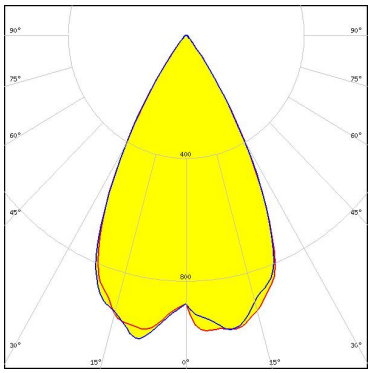
LED	LUXEON CX Plus CoB S01 (Gen2)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	57.0° / 76.0°
Efficiency	85 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15956_HEKLA-SOCKET-J	



Light distribution files

LUMINUS

LED	CTM-6 (Tunable White) Gen2
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	57.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

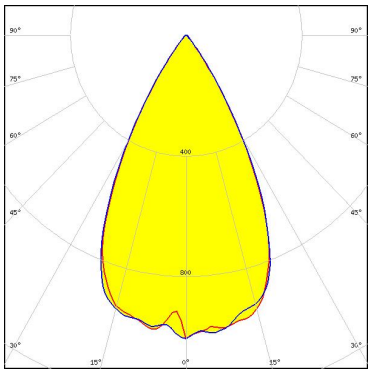
Bender Wirth: 495 Typ L8

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CTM-9 (Tunable White) Gen2
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

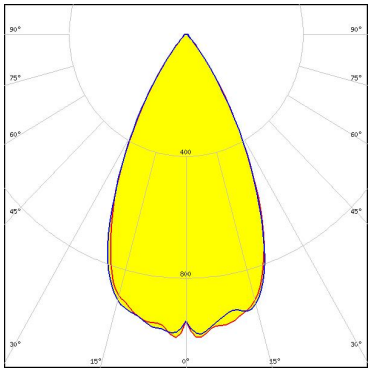


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

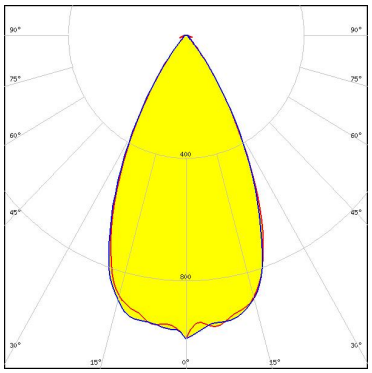
LED	CxM-14 (18.5x18.5)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 78.0°
Efficiency	78 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

LUMINUS

LED	CxM-14 (19x19)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 78.0°
Efficiency	78 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



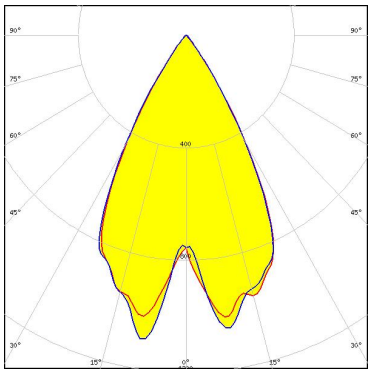
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CXM-3
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	57.0° / 74.0°
Efficiency	84 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

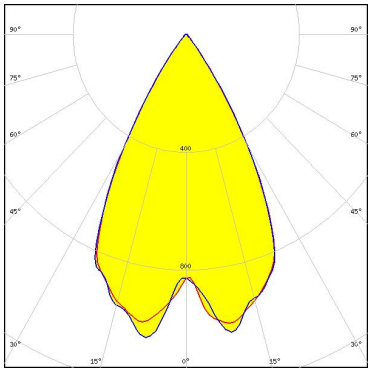


Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CXM-4
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	58.0° / 75.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

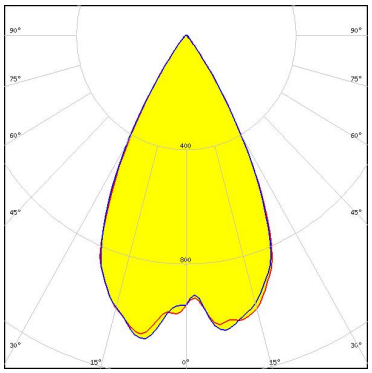


Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	56.0° / 74.0°
Efficiency	83 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1020

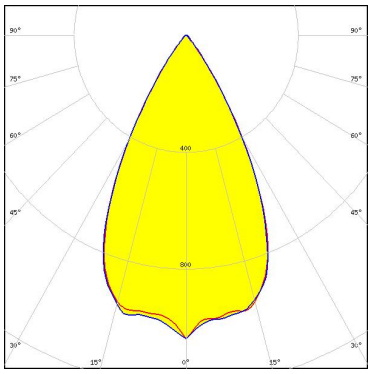
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CxM-9 (13.5x13.5)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

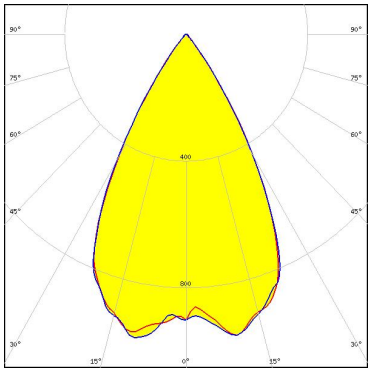


Light distribution files

NICHIA

LED	COB S-Type (LES 6)
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	58.0° / 76.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 652a Bayonet35L

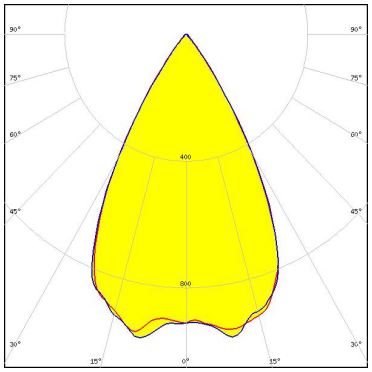


Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	58.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 652a Bayonet35L



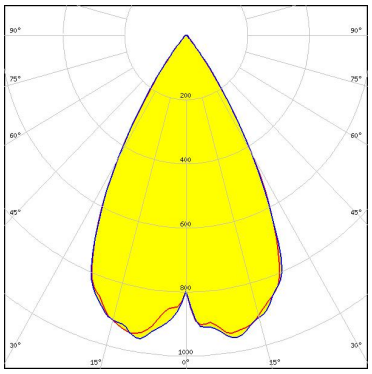
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	COB T-Type
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	58.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

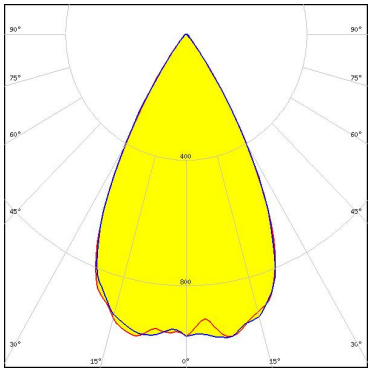


Light distribution files

Bender Wirth: 652a Bayonet35L

NICHIA

LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 74.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

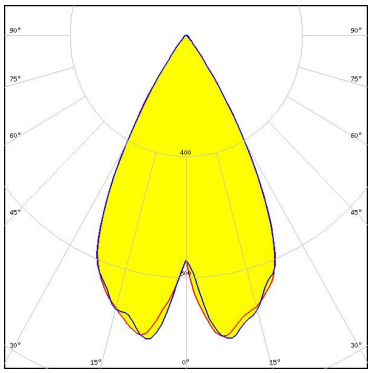


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

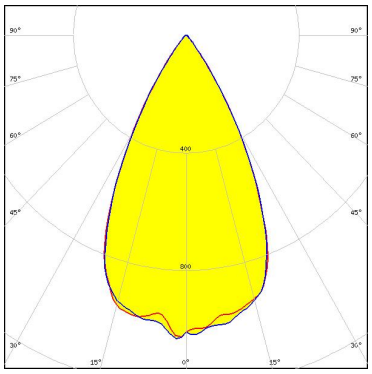
Bender Wirth: 495 Typ L8 HV

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 76.0°
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

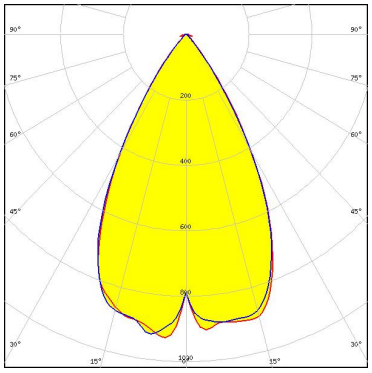


Light distribution files

Bender Wirth: 498 Typ L8 HV

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 80.0°
Efficiency	81 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	

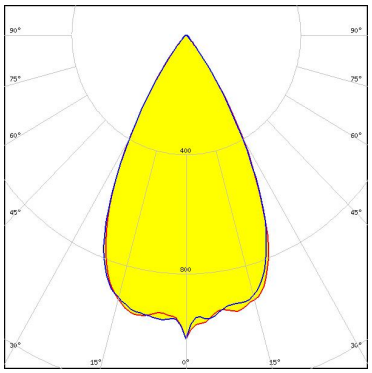


Light distribution files

Bender Wirth: 498 Typ L8 HV

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



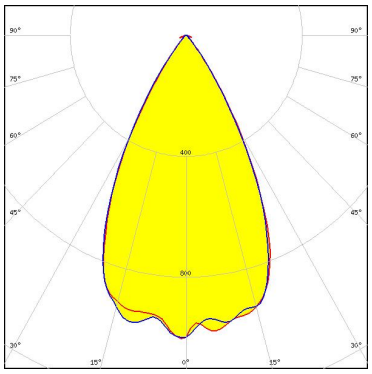
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

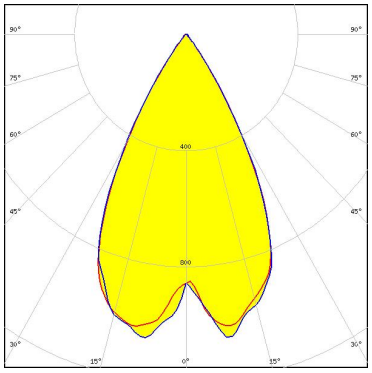
LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

SAMSUNG

LED	LC010C G2
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	56.0° / 74.0°
Efficiency	83 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

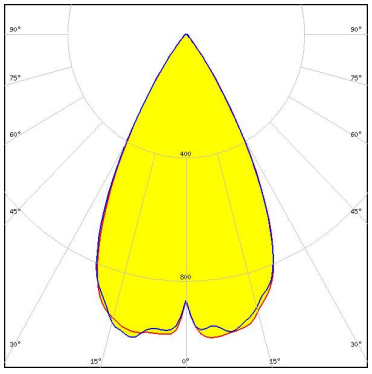


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED	LC010T (Tunable White)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

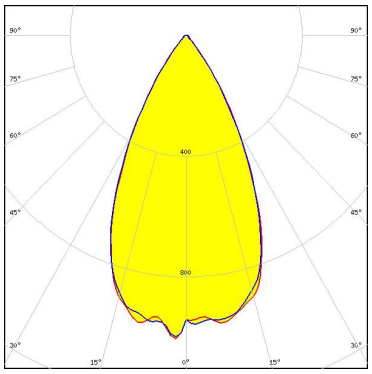
Bender Wirth: 501 Typ L8

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

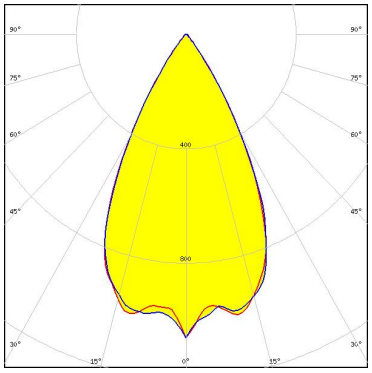
LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 78.0°
Efficiency	78 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

SAMSUNG

LED	LC020C G2
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	54.0° / 74.0°
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

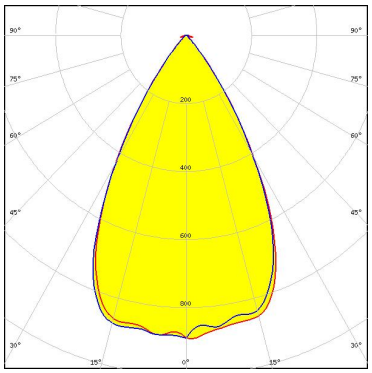


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED	LC020T (Tunable white)
Ordering code	C17241_YASMEEN-70-WW
FWHM / FWTM	59.0° / 80.0°
Efficiency	81 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



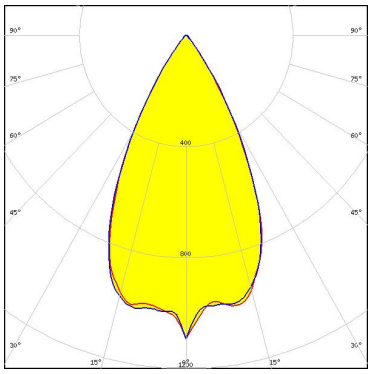
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC020T (Tunable white)
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	53.0° / 74.0°
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

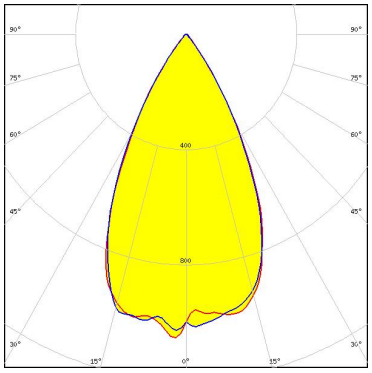


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18771_YASMEEN-70-WW-B2
FWHM / FWTM	54.0° / 76.0°
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

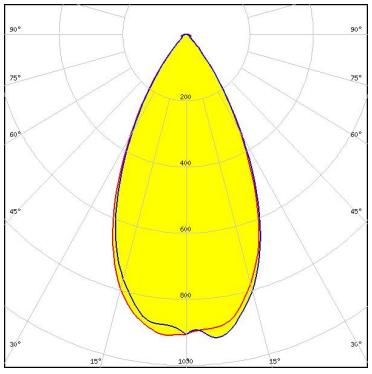


Light distribution files

BJB: 47.360.1010

SAMSUNG

LED	LC035T (Tunable white)
Ordering code	C17241_YASMEEN-70-WW
FWHM / FWTM	54.0° / 82.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



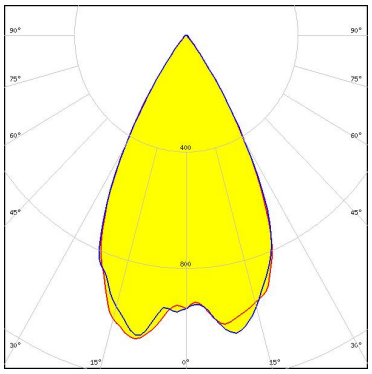
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

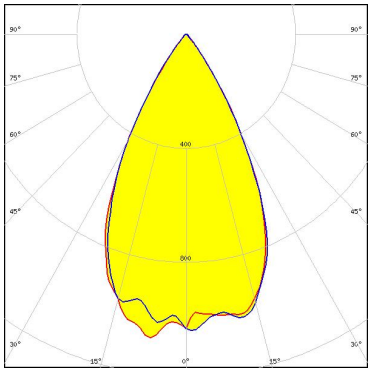
LED	MJT COB LES 6
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 75.0°
Efficiency	84 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

SEOUL SEMICONDUCTOR

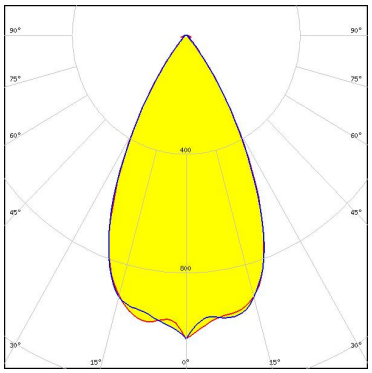
LED	MJT COB LES 9.8
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 76.0°
Efficiency	83 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

TRIDONIC

LED	SLE G7 LES13
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	54.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



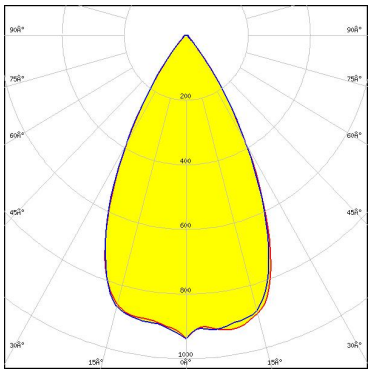
Light distribution files

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OPTICAL RESULTS (SIMULATED):

XICATO

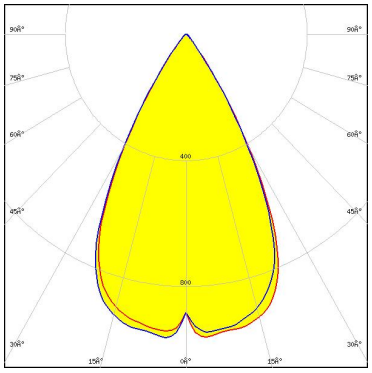
LED	XOB 14.5 mm
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	56.0° / 80.0°
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

XICATO

LED	XOB 6 mm
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

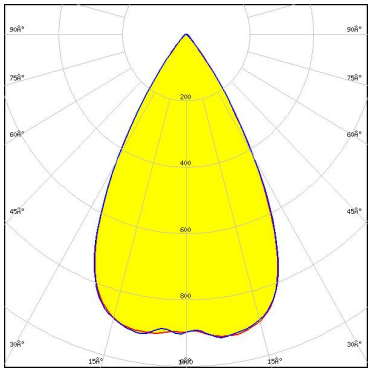


Bender Wirth: 634b Hekla

Light distribution files

XICATO

LED	XOB 9.8 mm
Ordering code	CP18764_YASMEEN-70-WW-C2
FWHM / FWTM	58.0° / 78.0°
Efficiency	82 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

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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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