YASMEEN-70-S

~15° spot beam



SPECIFICATION:

Dimensions	Ø 70.0
Height	37.7 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-S	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		

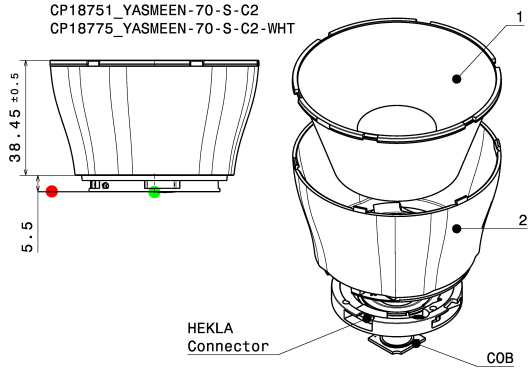
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

ORDERING INFORMATION:

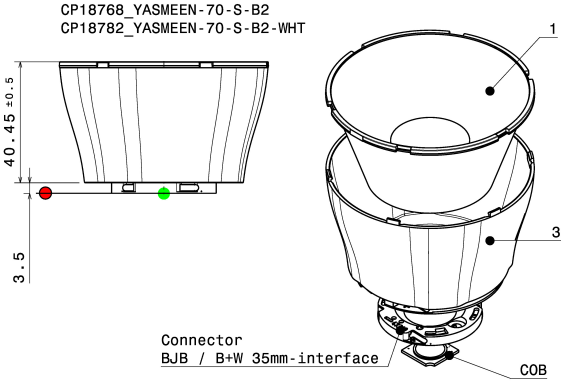
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17238_YASMEEN-70-S	105	105	15	8.0
Assembly				
CP19963_YASMEEN-70-S-B50-WHT	105	105	15	9.4
CP19956_YASMEEN-70-S-B50	105	105	15	9.4
CP18782_YASMEEN-70-S-B2-WHT	105	105	15	9.5
CP18775_YASMEEN-70-S-C2-WHT	105	105	15	9.4
CP18768_YASMEEN-70-S-B2	105	105	15	9.5
CP18751_YASMEEN-70-S-C2	105	105	15	9.4

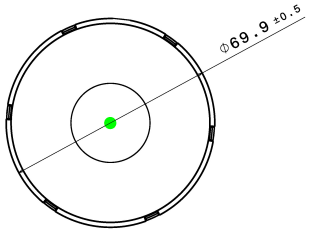
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CP18751_YASMEEN-70-S-C2
CP18775_YASMEEN-70-S-C2-WHT



CP18768_YASMEEN-70-S-B2
CP18782_YASMEEN-70-S-B2-WHT





Top view
Scale: 1:1

INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	C17238_YASMEEN-70-S	LENS	1	PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C18692_YASMEEN-70-HLD2-C			PC	BLACK	CP18751_YASMEEN-70-S-C2
	C18700_YASMEEN-70-HLD2-C-WHT			PC	WHITE	CP18775_YASMEEN-70-S-C2-WHT
3	HOLDER B					
	C18693_YASMEEN-70-HLD2-B			PC	BLACK	CP18768_YASMEEN-70-S-B2
	C18701_YASMEEN-70-HLD2-B-WHT			PC	WHITE	CP18782_YASMEEN-70-S-B2-WHT
4	HOLDER B50					
	C19945_YASMEEN-70-HLD2-B50			PC	BLACK	CP19956_YASMEEN-70-S-B50
	C19946_YASMEEN-70-HLD2-B50-WHT			PC	WHITE	CP19963_YASMEEN-70-S-B50-WHT

MECHANICAL DRAWING

PRODUCT YASMEEN-70-S

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:

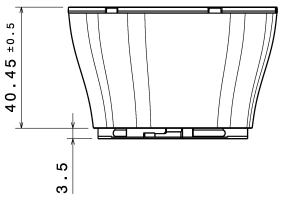
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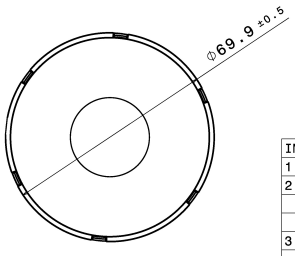
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/3

Notes

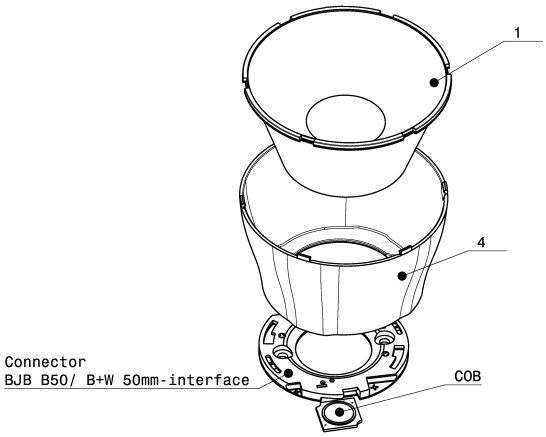
PCB or heatsink level.
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

CP19956_YASMEEN-70-S-B50
CP19963_YASMEEN-70-S-B50-WHT





Front view
Scale: 1:1



INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	C17238_YASMEEN-70-S	LENS	1	PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C18692_YASMEEN-70-HLD2-C			PC	BLACK	CP18751_YASMEEN-70-S-C2
	C18700_YASMEEN-70-HLD2-C-WHT			PC	WHITE	CP18775_YASMEEN-70-S-C2-WHT
3	HOLDER B					
	C18693_YASMEEN-70-HLD2-B			PC	BLACK	CP18768_YASMEEN-70-S-B2
	C18701_YASMEEN-70-HLD2-B-WHT			PC	WHITE	CP18782_YASMEEN-70-S-B2-WHT
4	HOLDER B50					
	C19945_YASMEEN-70-HLD2-B50			PC	BLACK	CP19956_YASMEEN-70-S-B50
	C19946_YASMEEN-70-HLD2-B50-WHT			PC	WHITE	CP19963_YASMEEN-70-S-B50-WHT

MECHANICAL DRAWING

PRODUCT YASMEEN-70-S

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:

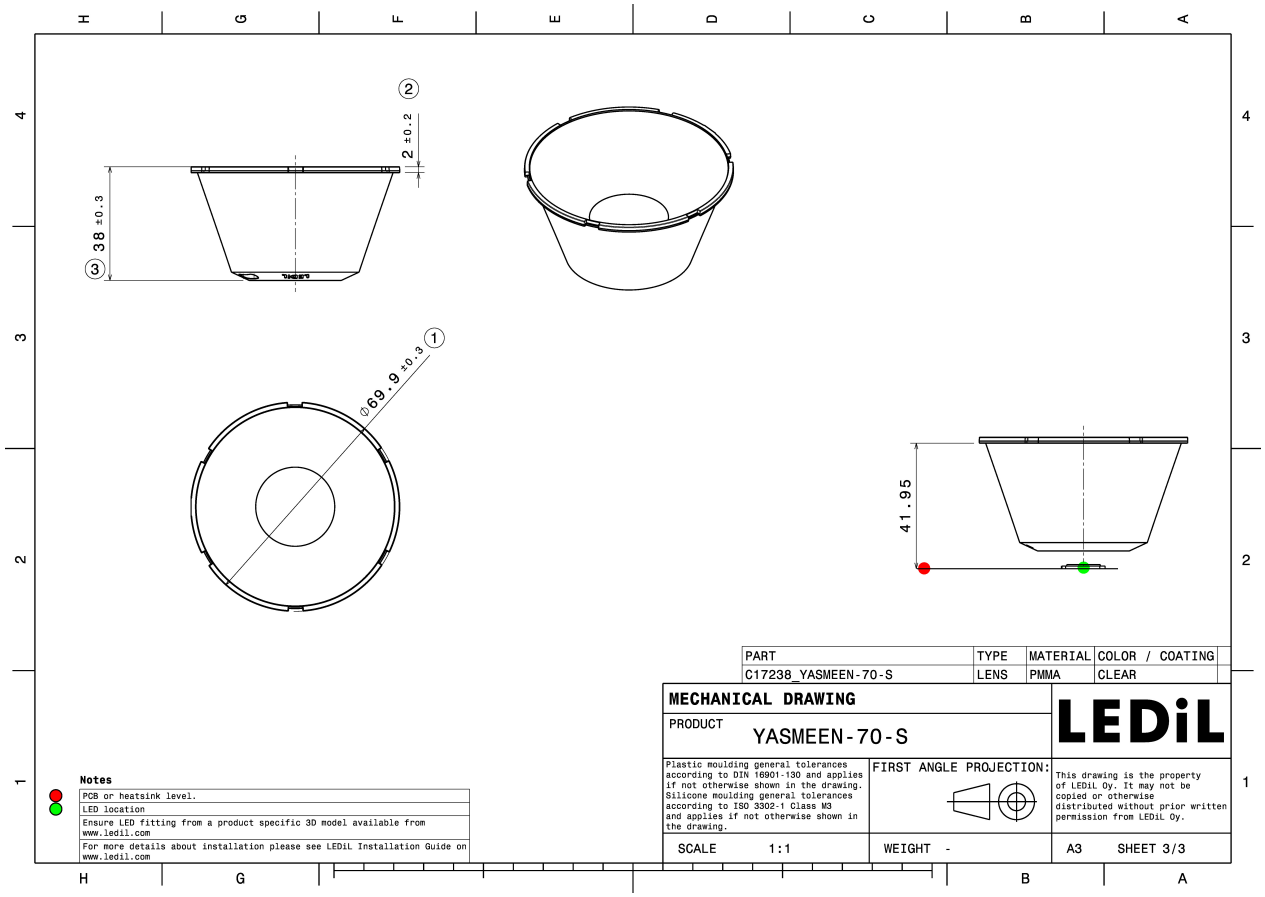
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SCALE 1:1 | WEIGHT - | A3 | SHEET 2/3

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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PART	TYPE	MATERIAL	COLOR / COATING
C17238_YASMEEN-70-S	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT YASMEEN-70-S

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 3/3

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

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

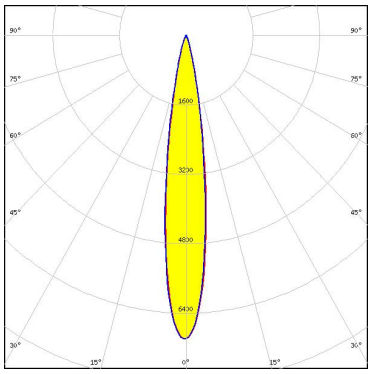
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	BXRV-D10-RGBW2000-A3
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 30.0°
Efficiency	73 %
Peak intensity	7 cd/lm
LEDs/each optic	28
Light colour/type	RGBW
Required components:	
C19950_HEKLA-SOCKET-RZ	

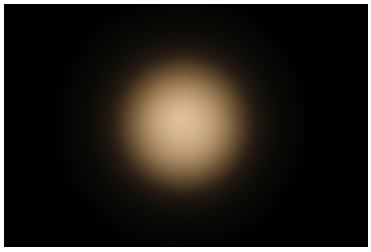


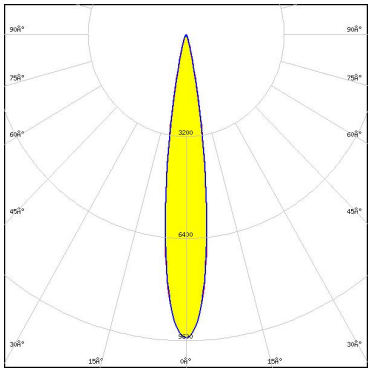


Light distribution files

bridgelux

LED	V10 Gen 8-9
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 27.0°
Efficiency	88 %
Peak intensity	9.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



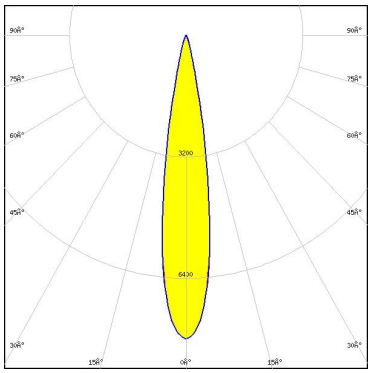


Light distribution files

bridgelux

LED	V11 HD Gen 8
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	18.0° / 30.0°
Efficiency	93 %
Peak intensity	8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 633d Hekla	





Light distribution files

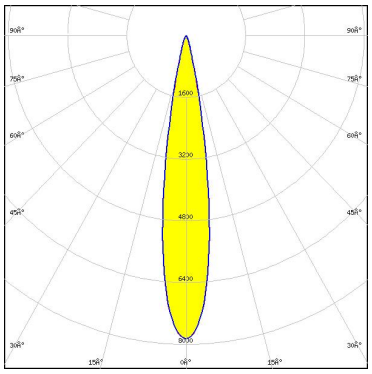
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	V11 HD Gen 8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 30.0°
Efficiency	87 %
Peak intensity	8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 633d Hekla	



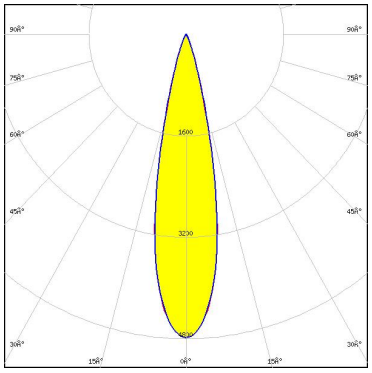


Light distribution files

bridgelux

LED	V13 Gen 8-9
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	23.0° / 39.0°
Efficiency	86 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	

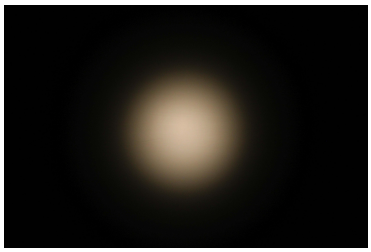


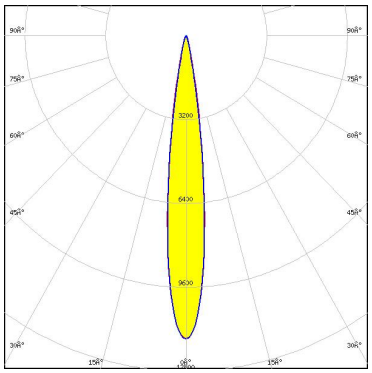


Light distribution files

bridgelux

LED	V8 Gen 8-9
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 25.0°
Efficiency	90 %
Peak intensity	11.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	





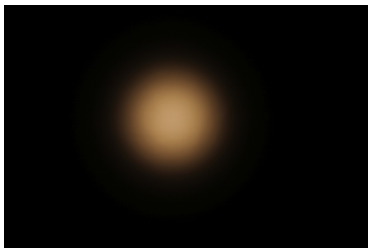
Light distribution files

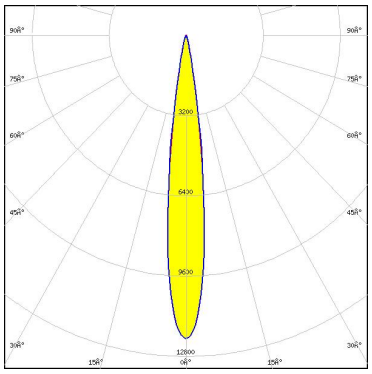
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	V9 HD Gen7
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	13.0° / 24.0°
Efficiency	92 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	

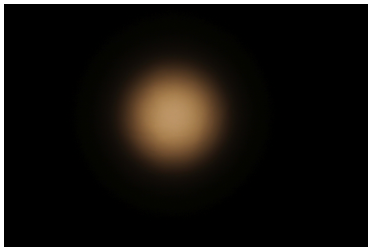


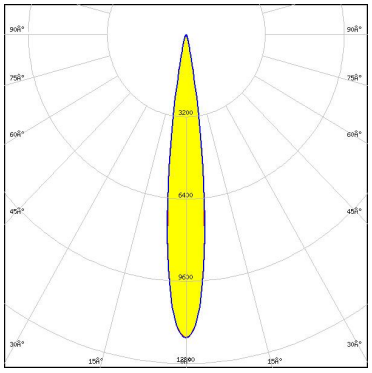


Light distribution files

bridgelux

LED	V9 HD Gen7
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	87 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	

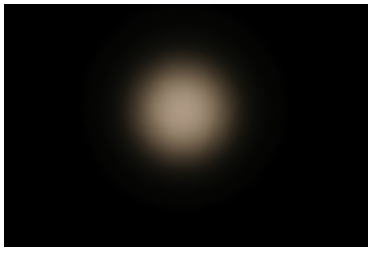


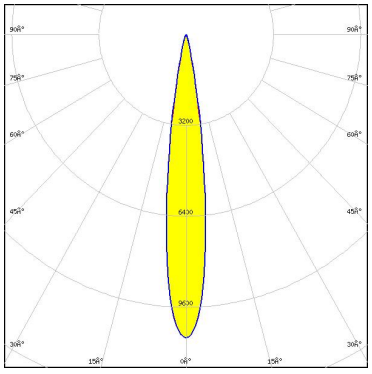


Light distribution files

bridgelux

LED	VERO10
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 25.0°
Efficiency	88 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15616_HEKLA-SOCKET-F	





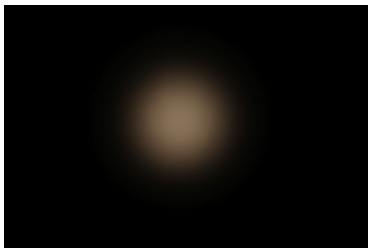
Light distribution files

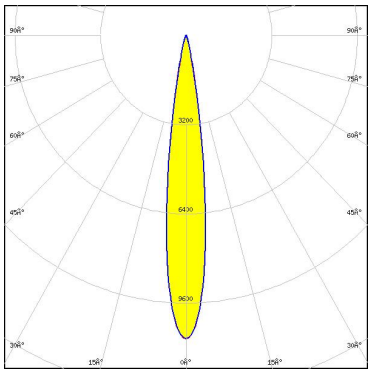
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	VERO10
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	14.0° / 25.0°
Efficiency	93 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15616_HEKLA-SOCKET-F	

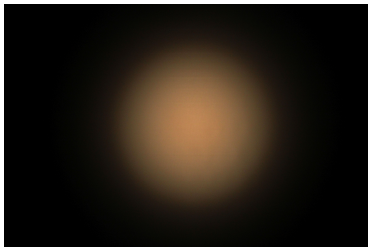


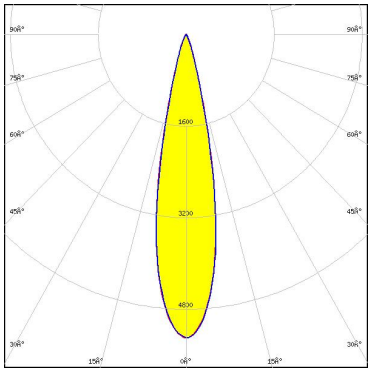


Light distribution files

bridgelux

LED	Vesta DTW 13mm (21W)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 37.0°
Efficiency	86 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	

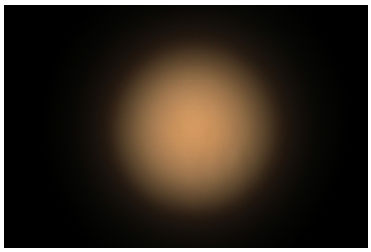


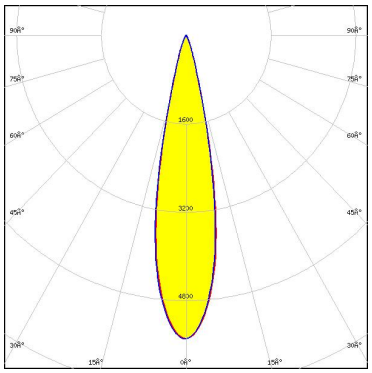


Light distribution files

bridgelux

LED	Vesta DTW 13mm (21W)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	22.0° / 36.0°
Efficiency	92 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	





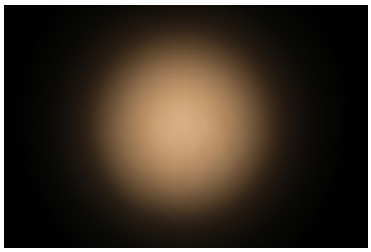
Light distribution files

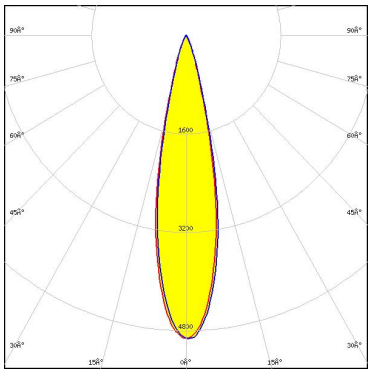
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	Vesta DTW 15mm (33W)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	23.0° / 39.0°
Efficiency	92 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	



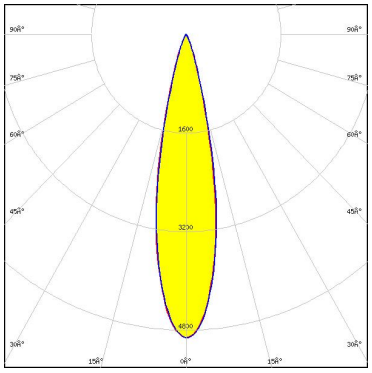


Light distribution files

bridgelux

LED	Vesta DTW 15mm (33W)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	23.0° / 39.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 632b Hekla XL	

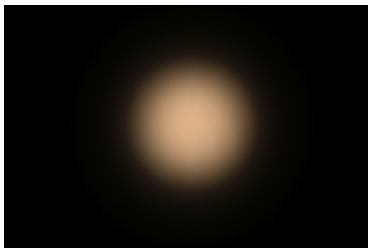


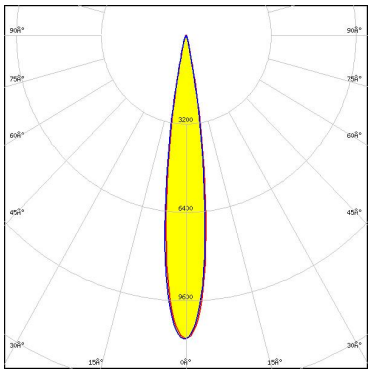


Light distribution files

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	15.0° / 25.0°
Efficiency	93 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 652b Hekla	





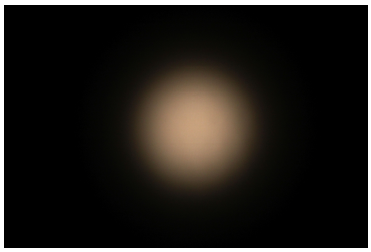
Light distribution files

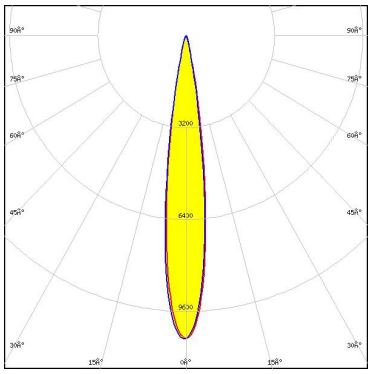
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	15.0° / 26.0°
Efficiency	88 %
Peak intensity	10.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 652b Hekla	

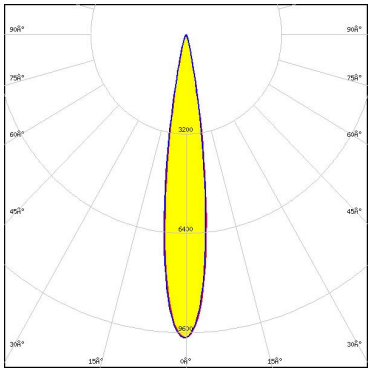




Light distribution files

CITIZEN

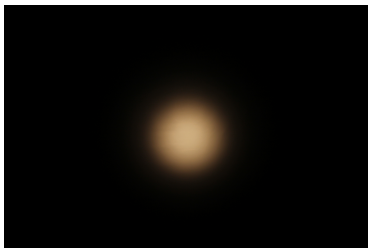
LED	CLU02x (LES10)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 27.0°
Efficiency	87 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

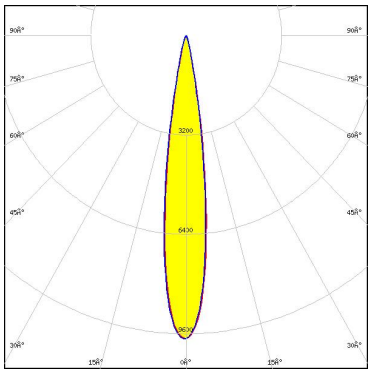


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	15.0° / 27.0°
Efficiency	87 %
Peak intensity	9.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	





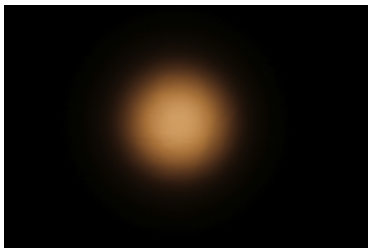
Light distribution files

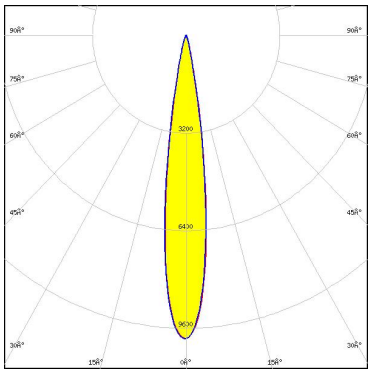
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OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	15.5° / 26.5°
Efficiency	92 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

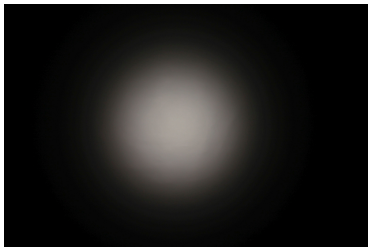


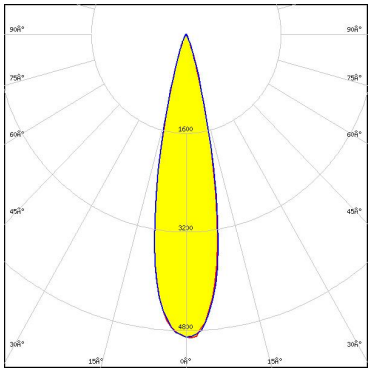


Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	21.0° / 37.0°
Efficiency	92 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



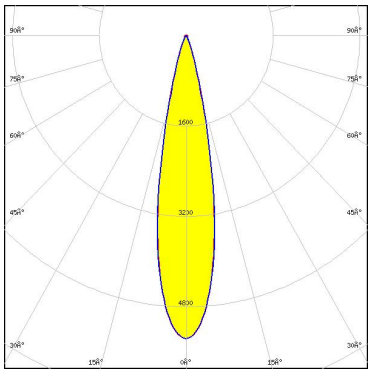


Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	21.0° / 37.0°
Efficiency	86 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1010	





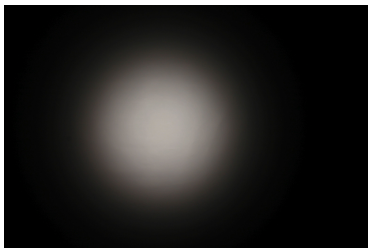
Light distribution files

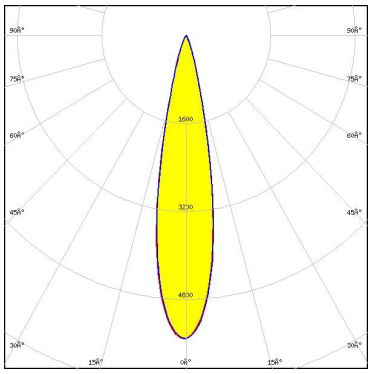
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OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU03x
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	21.0° / 36.5°
Efficiency	85 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

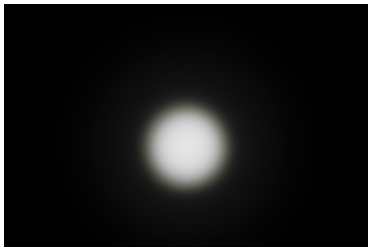


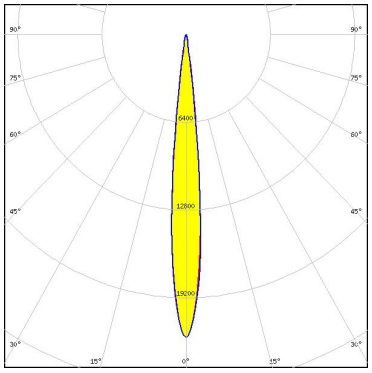


Light distribution files

CITIZEN

LED	CLU7L3
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	11.0° / 17.0°
Efficiency	91 %
Peak intensity	22.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C19425_SOCKET-B-35-N	

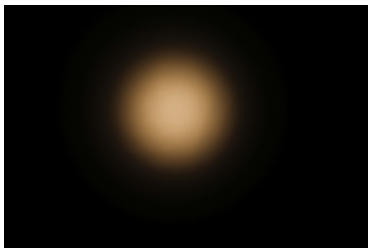


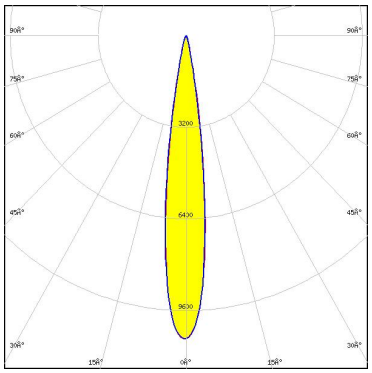


Light distribution files

CREE LEDs

LED	CMA1516
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 25.0°
Efficiency	87 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	





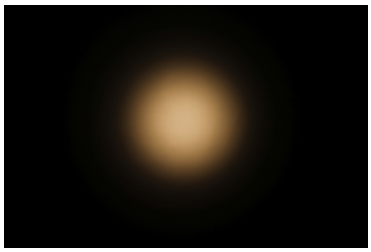
Light distribution files

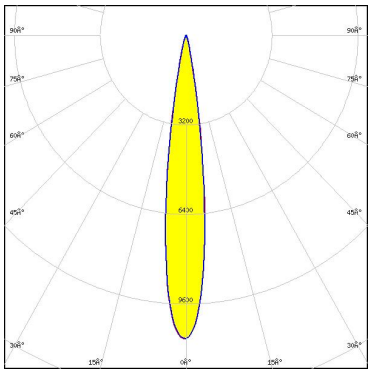
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMA1516
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	14.0° / 25.0°
Efficiency	93 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	

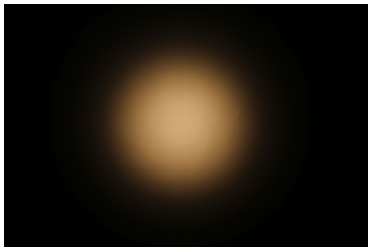


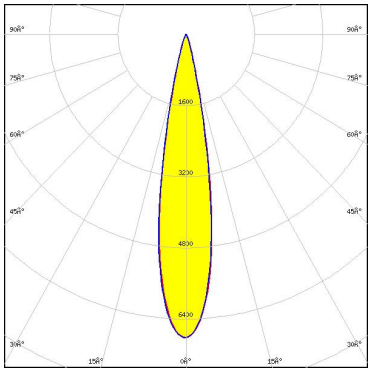


Light distribution files

CREE LEDs

LED	CMA1825
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	19.0° / 32.0°
Efficiency	87 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	

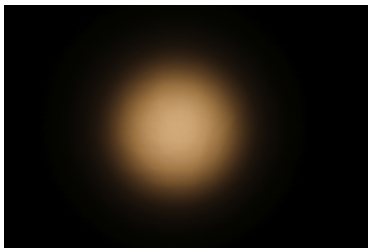


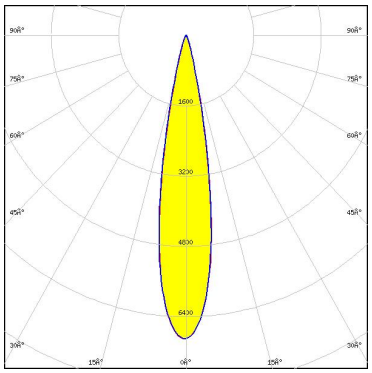


Light distribution files

CREE LEDs

LED	CMA1825
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	19.0° / 32.0°
Efficiency	93 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	





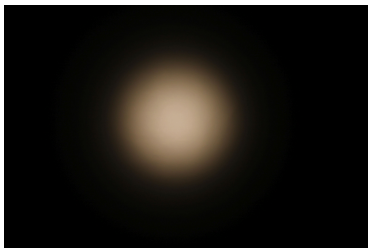
Light distribution files

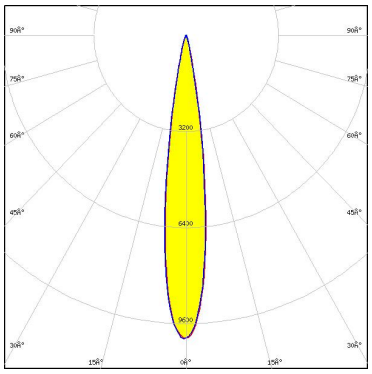
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMT14xx
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	15.0° / 26.0°
Efficiency	92 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

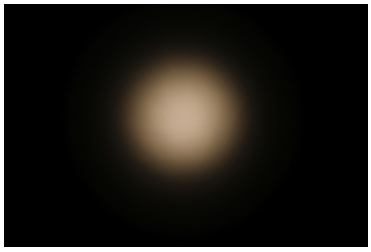


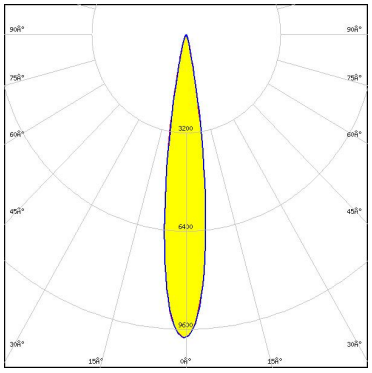


Light distribution files

CREE LEDs

LED	CMT14xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	15.0° / 26.0°
Efficiency	86 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

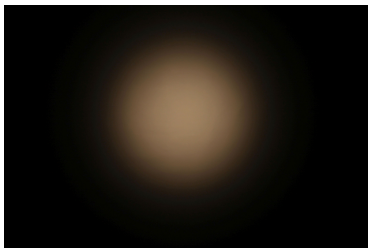


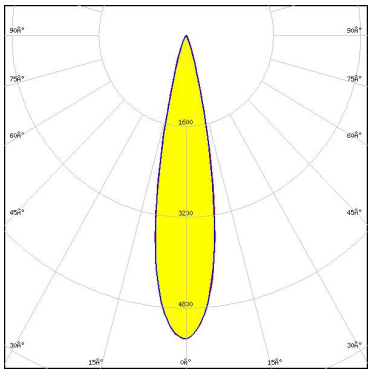


Light distribution files

CREE LEDs

LED	CMT19xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	21.0° / 36.0°
Efficiency	85 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





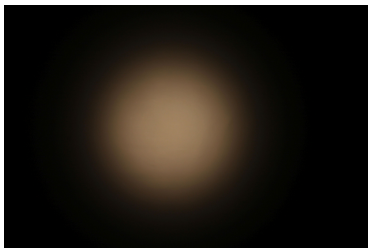
Light distribution files

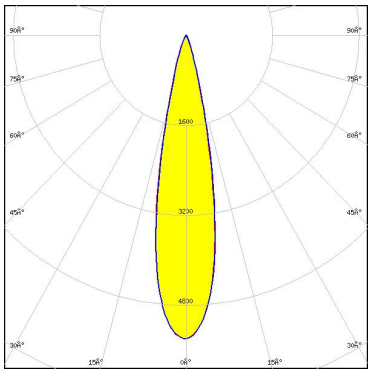
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMT19xx
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	21.0° / 36.0°
Efficiency	92 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



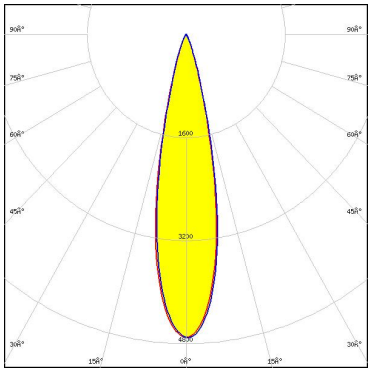


Light distribution files

CREE LEDs

LED	CMU15xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	23.0° / 39.0°
Efficiency	84 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

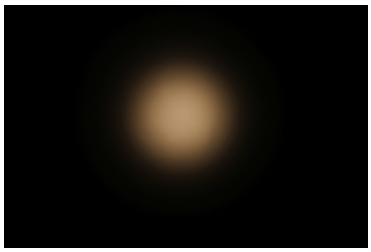


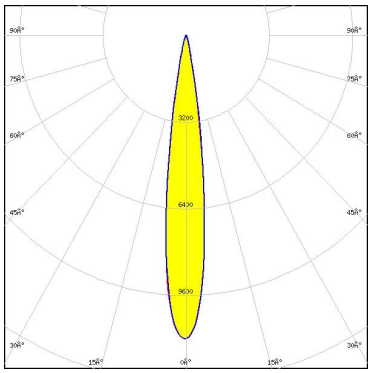


Light distribution files

LUMILEDS

LED	LUXEON CoB 1202/1203
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	14.0° / 24.0°
Efficiency	92 %
Peak intensity	11.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	





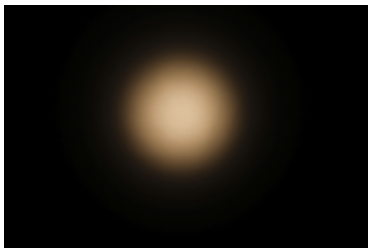
Light distribution files

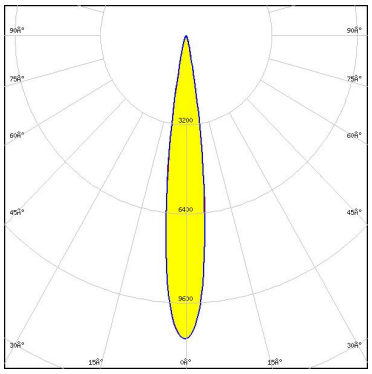
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OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON CoB 1202/1203
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	86 %
Peak intensity	11.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



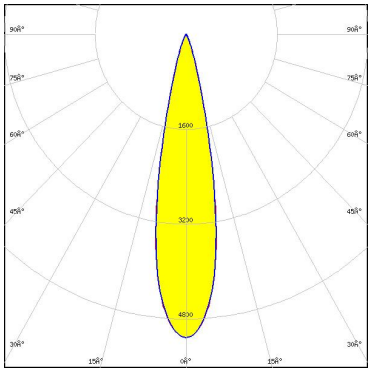


Light distribution files

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	85 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 442 Typ L8	

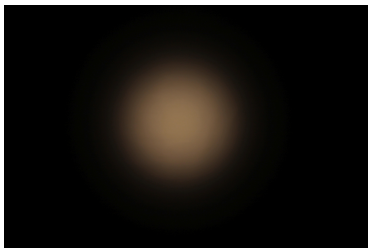


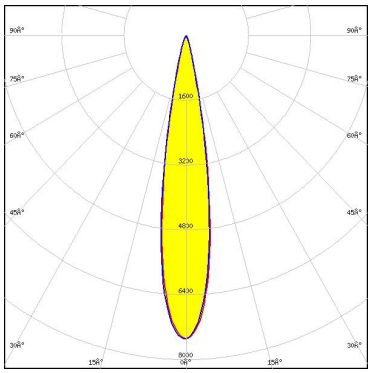


Light distribution files

NICHIA

LED	COB L-Type (LES 11)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	17.0° / 30.0°
Efficiency	86 %
Peak intensity	7.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	





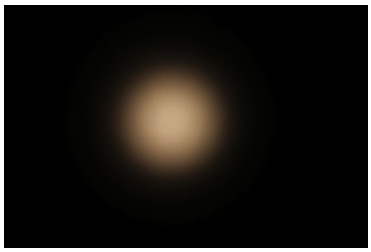
Light distribution files

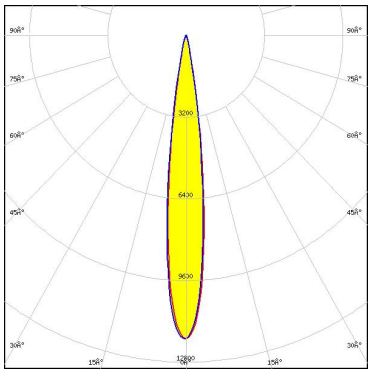
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OPTICAL RESULTS (MEASURED):

NICHIA

LED	COB L-Type (LES 9)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	13.0° / 24.0°
Efficiency	92 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	

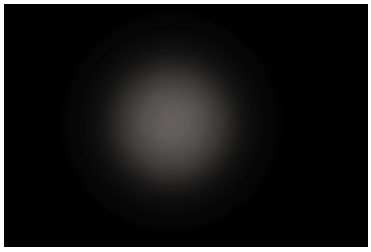


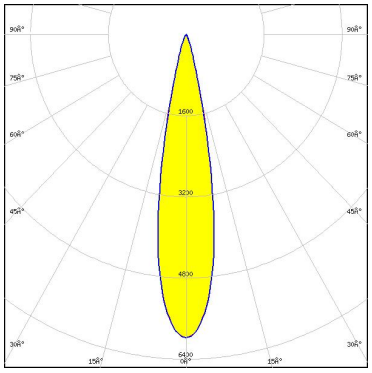


Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	85 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

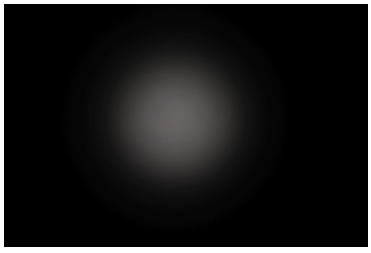


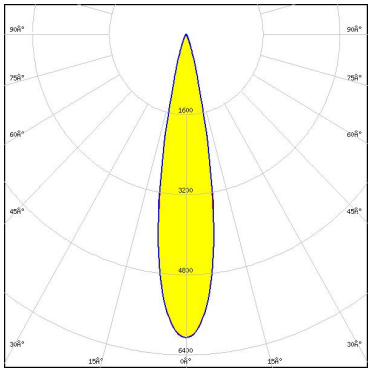


Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	20.0° / 34.0°
Efficiency	92 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

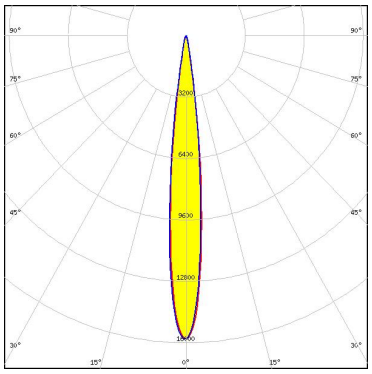
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM C TW L06A 1313 G7N
FWHM / FWTM	12.0° / 21.0°
Efficiency	93 %
Peak intensity	15.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 508 Typ L8	



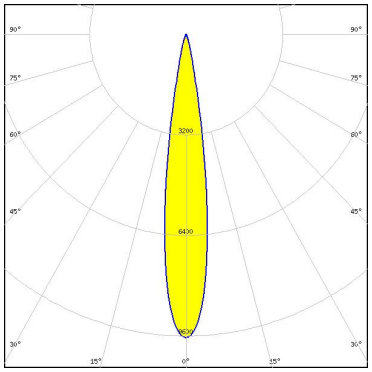


Light distribution files

PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	16.0° / 27.0°
Efficiency	93 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 501 Typ L8	

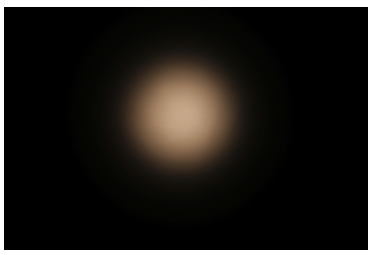


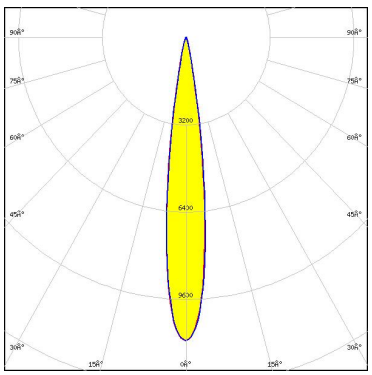


Light distribution files

PHILIPS

LED	Fortimo SLM L09 CoB
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	14.0° / 25.0°
Efficiency	92 %
Peak intensity	11.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	





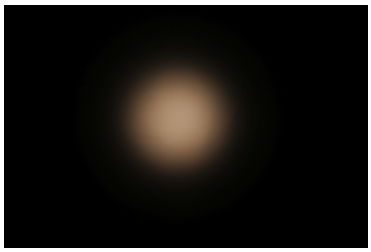
Light distribution files

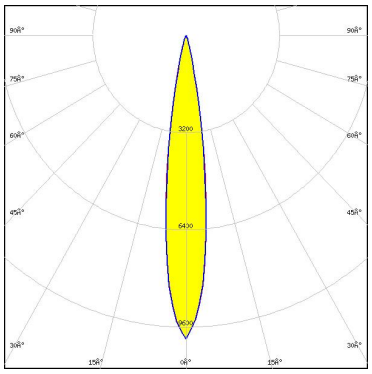
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM L09 CoB
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 25.0°
Efficiency	86 %
Peak intensity	11.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



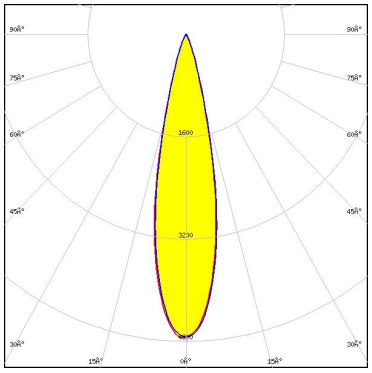


Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	23.0° / 39.0°
Efficiency	85 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



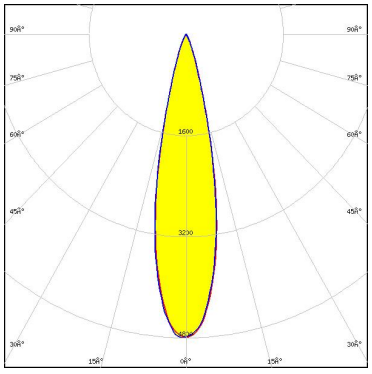


Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	23.0° / 40.0°
Efficiency	92 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





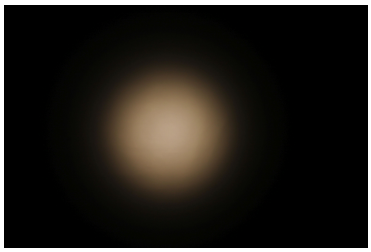
Light distribution files

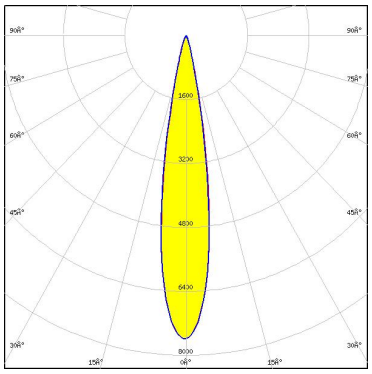
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OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	17.0° / 30.0°
Efficiency	86 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

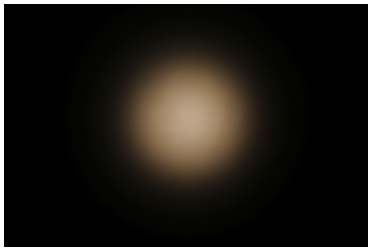


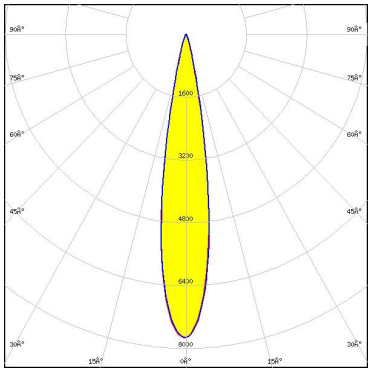


Light distribution files

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	17.0° / 30.0°
Efficiency	92 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

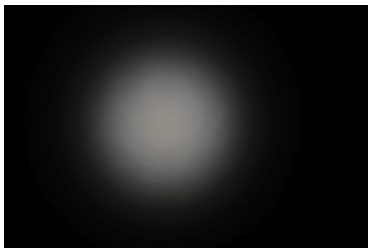


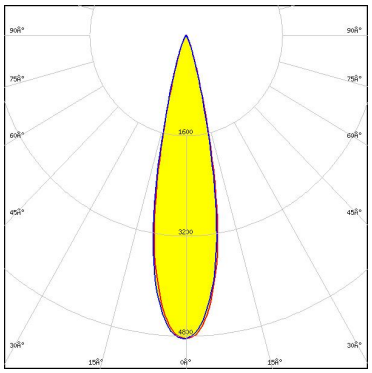


Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	23.0° / 38.0°
Efficiency	85 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





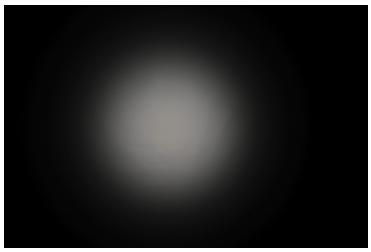
Light distribution files

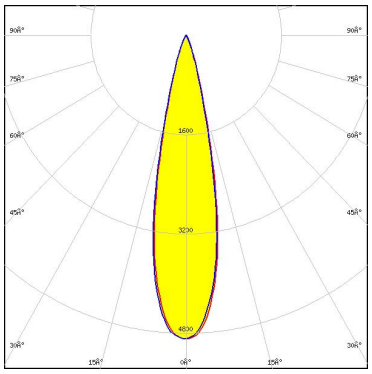
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OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	23.0° / 39.0°
Efficiency	92 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

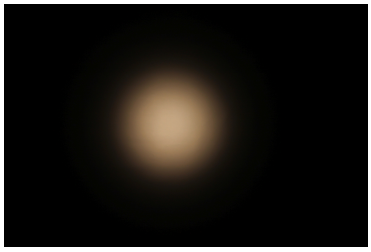


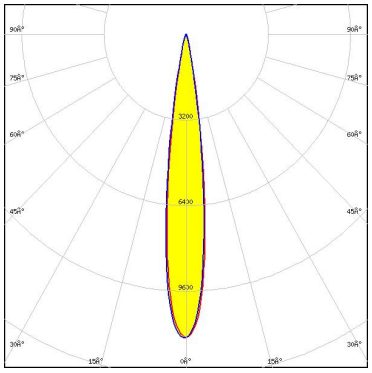


Light distribution files

TRIDONIC

LED	SLE G7 LES09
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	15.0° / 25.0°
Efficiency	93 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



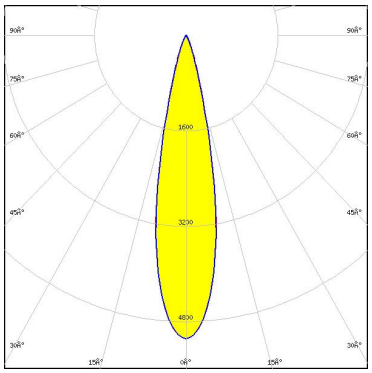


Light distribution files

TRIDONIC

LED	SLE G7 LES15
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	22.0° / 38.0°
Efficiency	92 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

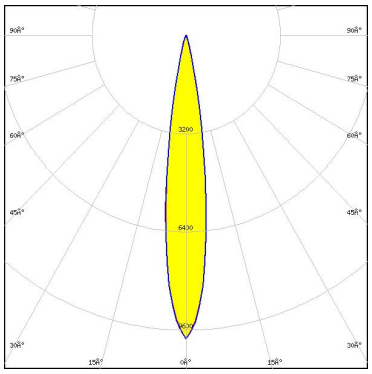
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V10 Gen 8-9
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 28.0°
Efficiency	88 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

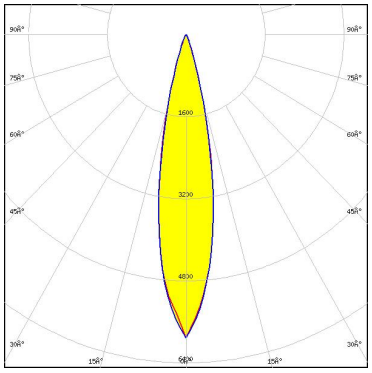
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Light distribution files

bridgelux

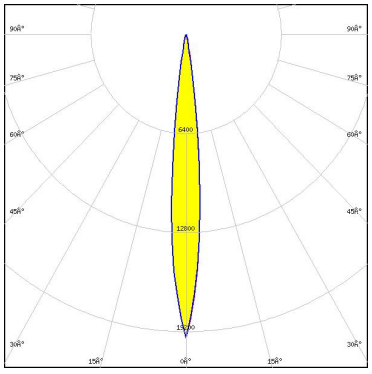
LED	V13 Gen7
Ordering code	C17238_YASMEEN-70-S
FWHM / FWTM	22.0° / 36.0°
Efficiency	90 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

bridgelux

LED	V3 HD Gen 8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	11.0° / 20.0°
Efficiency	91 %
Peak intensity	19.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



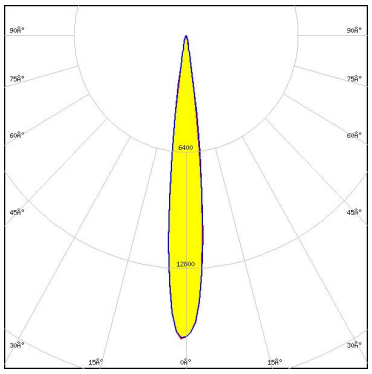
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

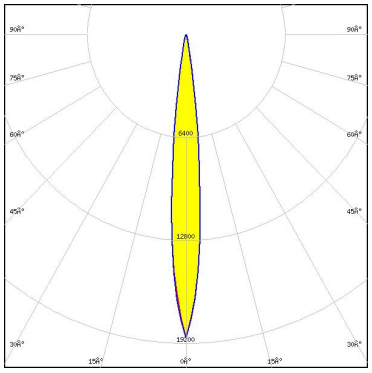
LED	V3 HD Gen 8 FC
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 20.0°
Efficiency	90 %
Peak intensity	16.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

bridgelux

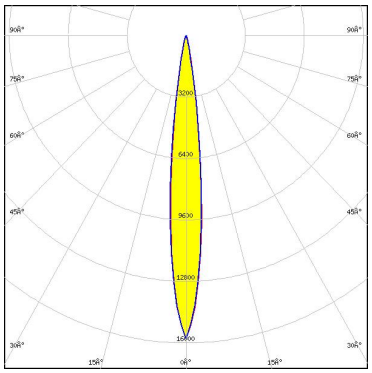
LED	V4 HD Gen 8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 20.0°
Efficiency	91 %
Peak intensity	18.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

LED	V6 Gen 8-9
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	91 %
Peak intensity	15.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



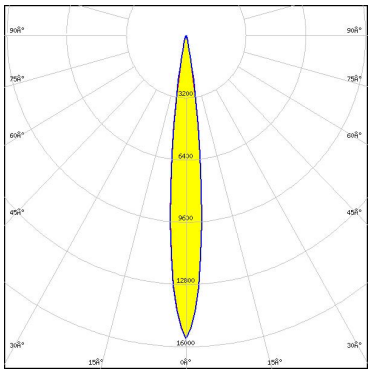
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

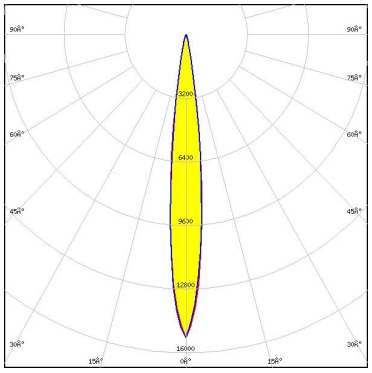
LED	V6 HD Gen 7
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	89 %
Peak intensity	15.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

bridgelux

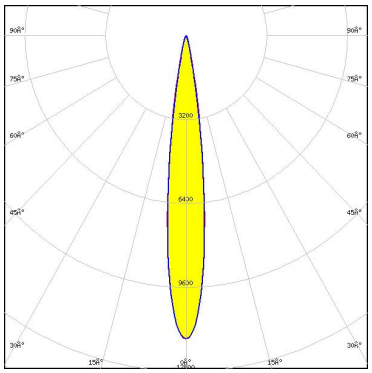
LED	V6 HD Gen 8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	15.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

bridgelux

LED	V8 Gen 8-9
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	88 %
Peak intensity	13.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



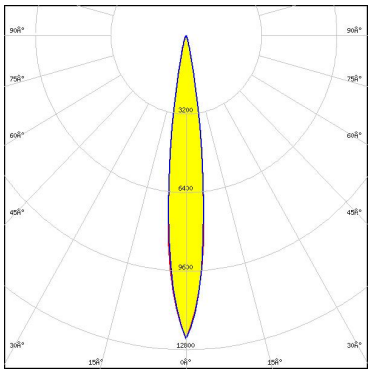
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

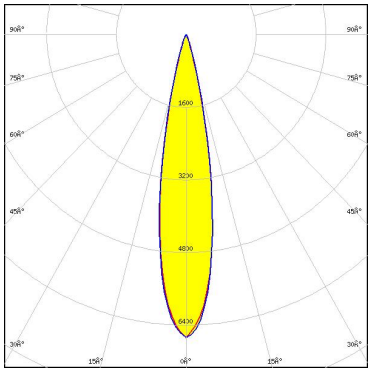
LED	V9 HD Gen 8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	12.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

bridgelux

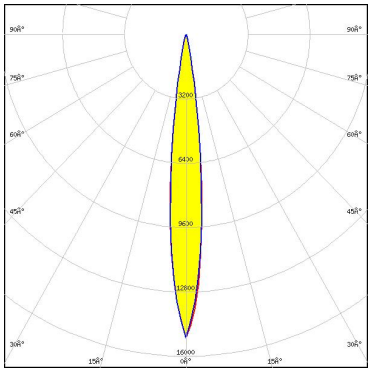
LED	VERO13
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	89 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta DTW 6mm
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	89 %
Peak intensity	15.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652b Hekla

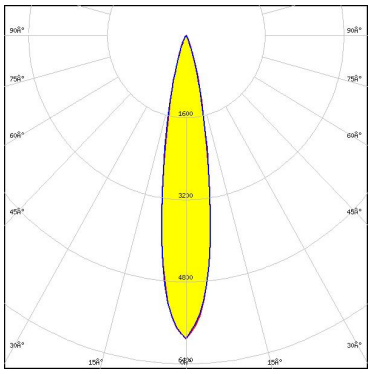
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

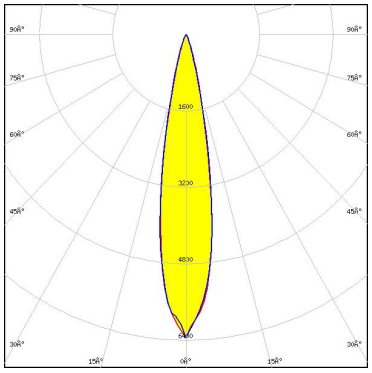
LED	Vesta SE 13mm TW
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 37.0°
Efficiency	82 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta TW 13mm (18W) DP
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 35.0°
Efficiency	86 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

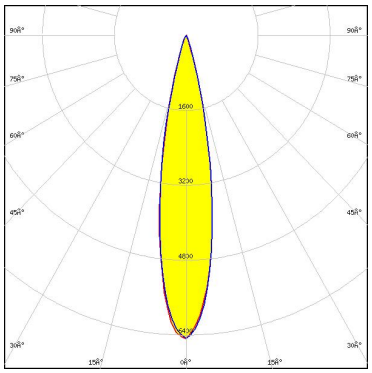


Light distribution files

Bender Wirth: 492 Typ L8

bridgelux

LED	Vesta TW 13mm (25W) CSP
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	90 %
Peak intensity	6.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



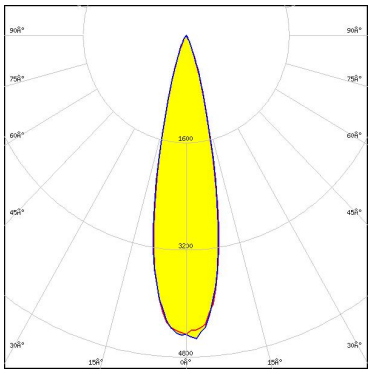
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	Vesta TW 15mm DP
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	24.0° / 42.0°
Efficiency	85 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

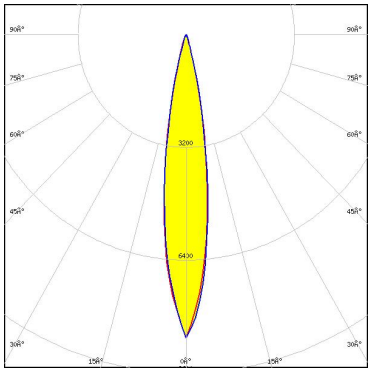


Light distribution files

Bender Wirth: 482 Typ L8

bridgelux

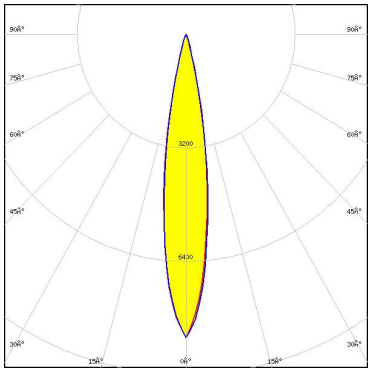
LED	Vesta TW 9mm (12W) CSP
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 30.0°
Efficiency	90 %
Peak intensity	8.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta TW 9mm (9W) DP
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	17.0° / 31.0°
Efficiency	90 %
Peak intensity	8.6 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

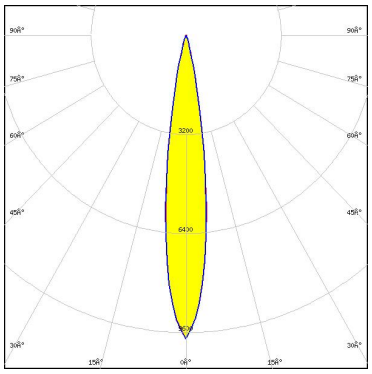
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 28.0°
Efficiency	88 %
Peak intensity	9.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

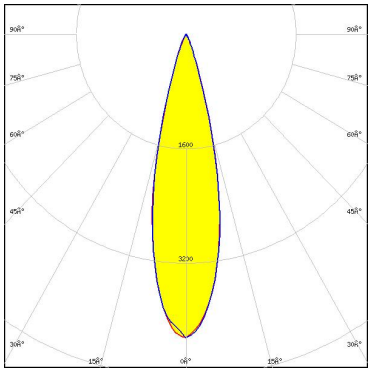
BJB: 47.360.1020



Light distribution files

CITIZEN

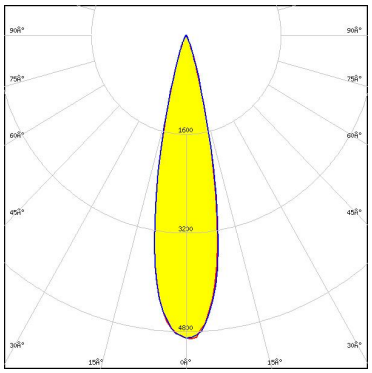
LED	CLU03Q Type-F
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	26.0° / 42.0°
Efficiency	86 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	23.0° / 38.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



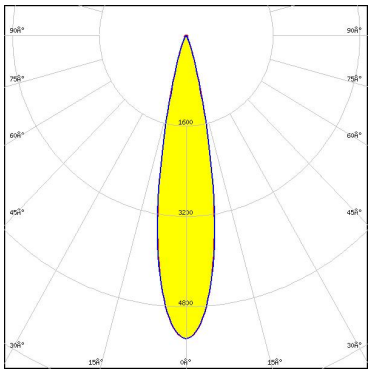
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU03x
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	22.0° / 38.0°
Efficiency	83 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

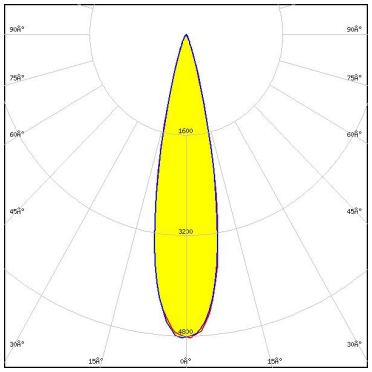


BJB: 47.360.1010

Light distribution files

CITIZEN

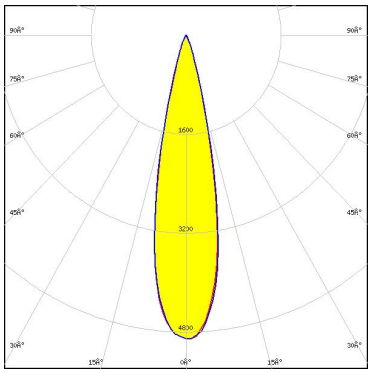
LED	CLU03x
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	83 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18782_YASMEEN-70-S-B2-WHT
FWHM / FWTM	23.0° / 38.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

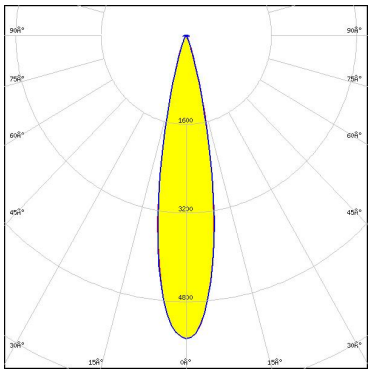
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

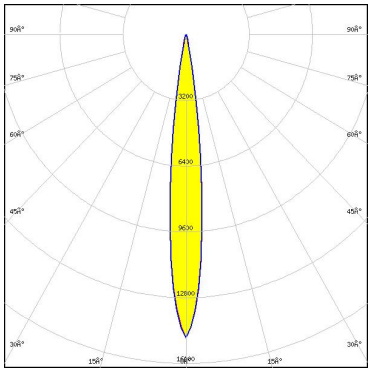
LED	CLU03x
Ordering code	C17238_YASMEEN-70-S
FWHM / FWTM	22.0° / 36.0°
Efficiency	94 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	85 %
Peak intensity	14.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

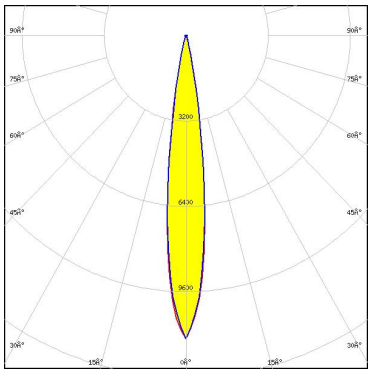


BJB: 47.360.1020

Light distribution files

CITIZEN

LED	CLU712/713
FWHM / FWTM	14.0° / 26.0°
Efficiency	94 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



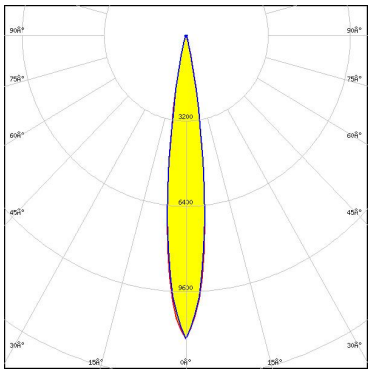
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

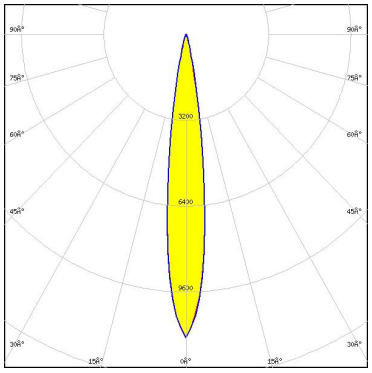
LED	CLU712/713
Ordering code	C17238_YASMEEN-70-S
FWHM / FWTM	14.0° / 26.0°
Efficiency	94 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

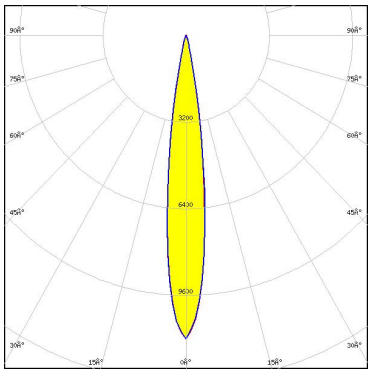
LED	CLU712/713
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	14.0° / 26.0°
Efficiency	93 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU712/713
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	11.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

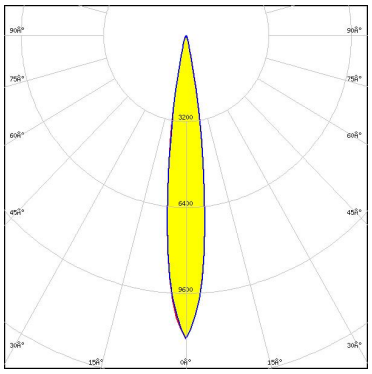
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

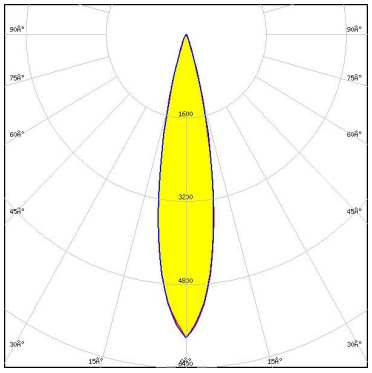
LED	CLU712/713
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	87 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

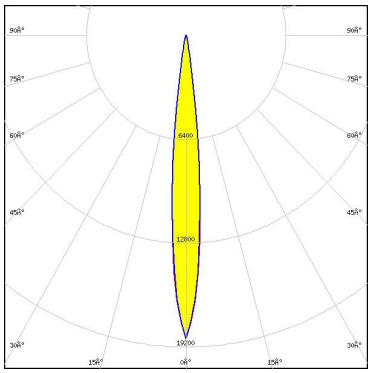
LED	CLU733 Type-F
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	88 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 631b Hekla XL	



Light distribution files

CITIZEN

LED	CLU7A2/7A3
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	10.0° / 20.0°
Efficiency	89 %
Peak intensity	18.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	



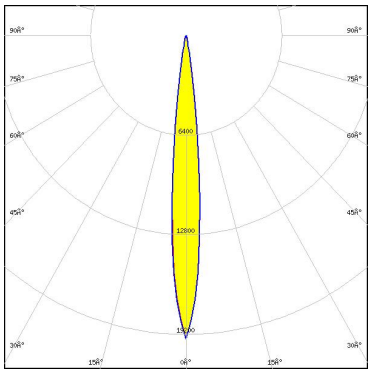
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

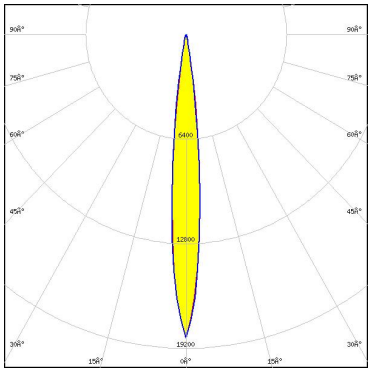
LED	CHA0304
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	10.0° / 20.0°
Efficiency	88 %
Peak intensity	19.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

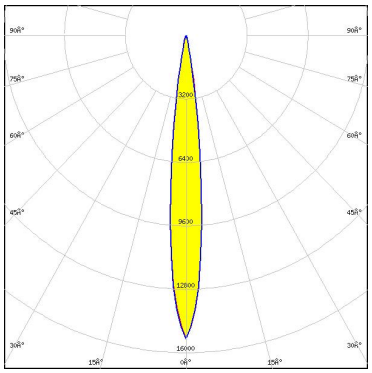
LED	CHA0410
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	10.0° / 20.0°
Efficiency	88 %
Peak intensity	18.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

LED	CHA0612
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	88 %
Peak intensity	15.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



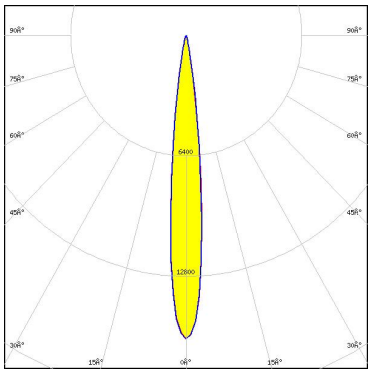
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

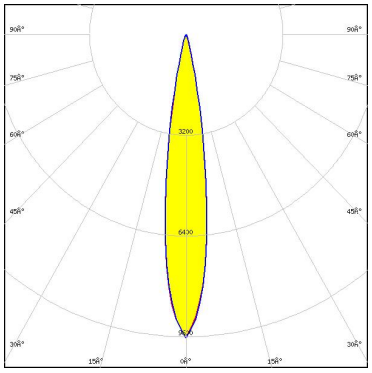
LED	CMA1306
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	88 %
Peak intensity	16.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

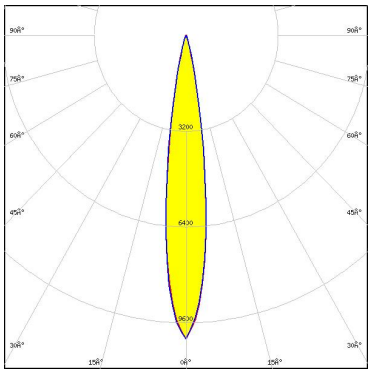
LED	CMU10xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	9.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

LED	CMU10xx
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 28.0°
Efficiency	89 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1020

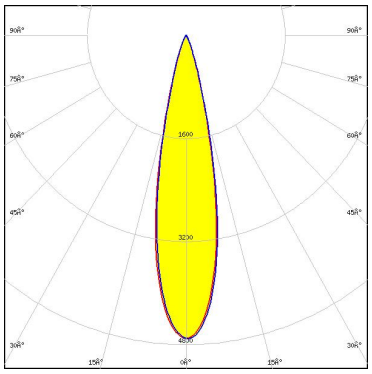
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

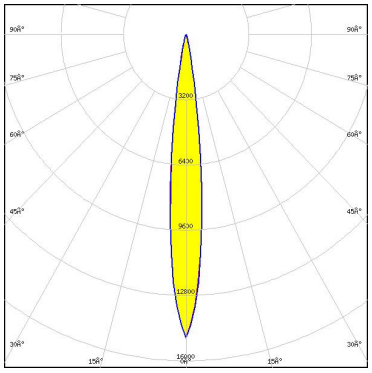
LED	CMU15xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	86 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CREE LEDs

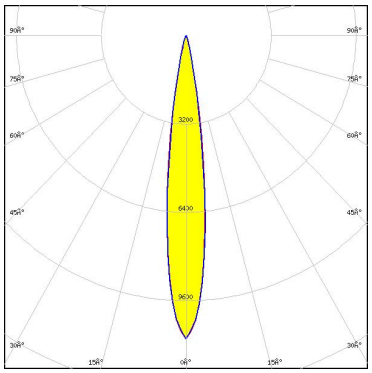
LED	CXA/B 13xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	88 %
Peak intensity	14.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17439_HEKLA-G2-J	



Light distribution files

CREE LEDs

LED	CXA/B 15xx
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	87 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	



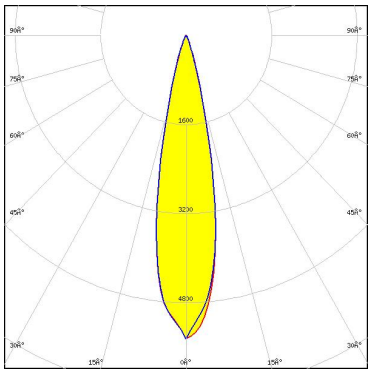
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	CXA/B 1830
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	87 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

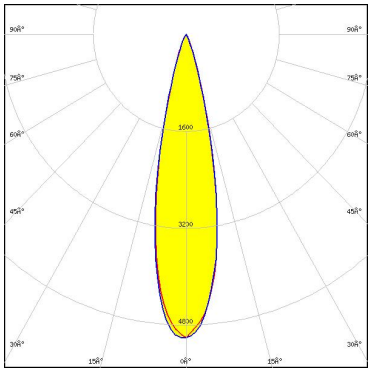


Bender Wirth: 637b Hekla

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	24.0° / 40.0°
Efficiency	88 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

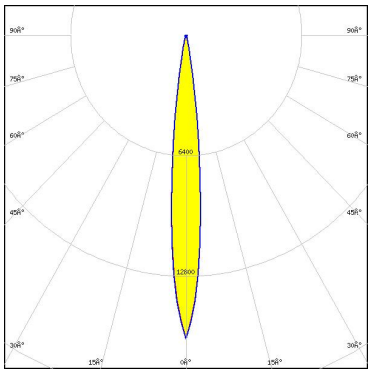


Bender Wirth: 637a Hekla

Light distribution files

LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	12.0° / 22.0°
Efficiency	94 %
Peak intensity	16.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



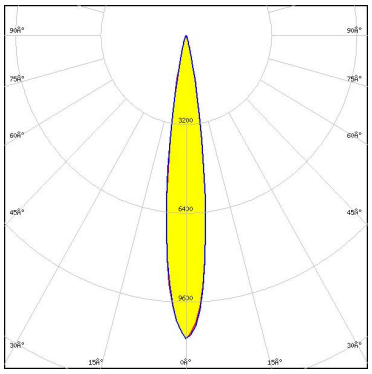
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

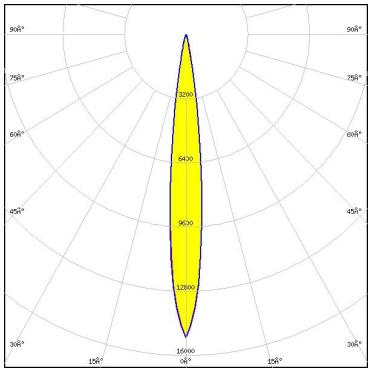
LED	LUXEON CoB 1202/1203
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

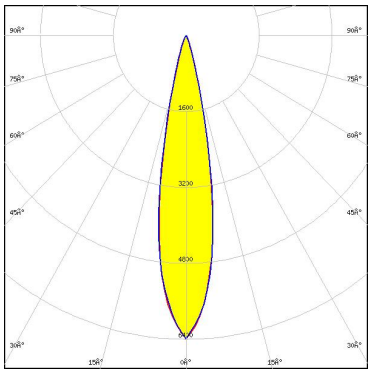
LED	LUXEON CoB 1202HD
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 24.0°
Efficiency	91 %
Peak intensity	15.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15848_HEKLA-SOCKET-G	



Light distribution files

LUMILEDS

LED	LUXEON CoB 1204/1205
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	88 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

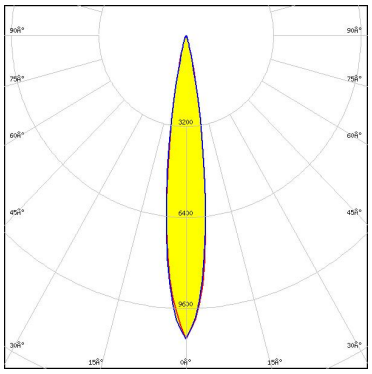
Bender Wirth: 632a Hekla XL

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

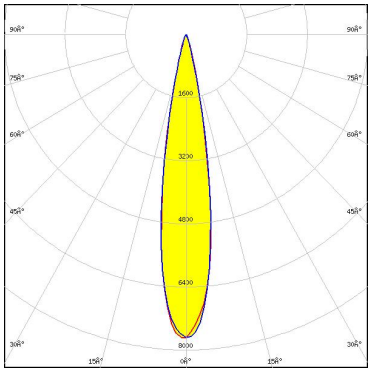
LED	LUXEON CoB 1204HD
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 26.0°
Efficiency	88 %
Peak intensity	10.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

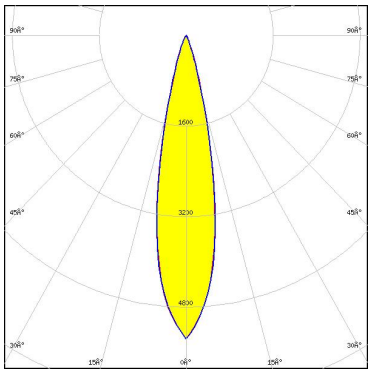
LED	LUXEON CoB 1205HD
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 33.0°
Efficiency	88 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

LUMILEDS

LED	LUXEON CoB 1208
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	88 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

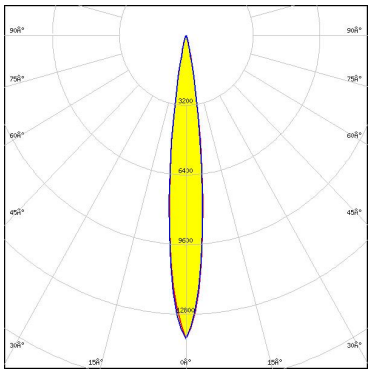
Bender Wirth: 632a Hekla XL

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	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	13.0° / 24.0°
Efficiency	90 %
Peak intensity	13.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

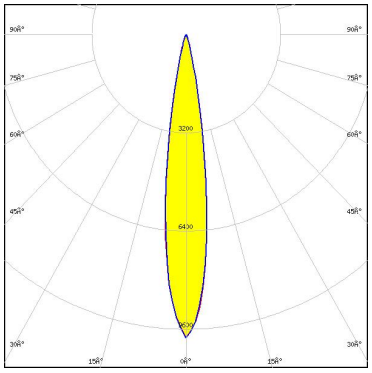


Bender Wirth: 634c Bayonet35L

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 28.0°
Efficiency	90 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

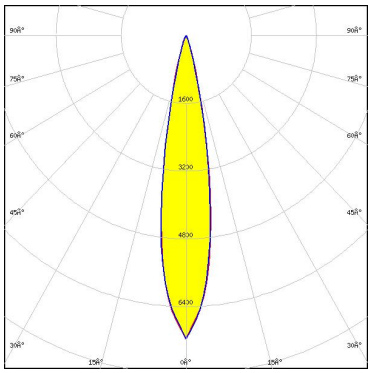


Bender Wirth: 634a Bayonet35L

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 32.0°
Efficiency	87 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



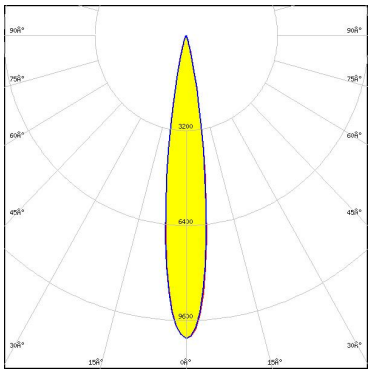
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

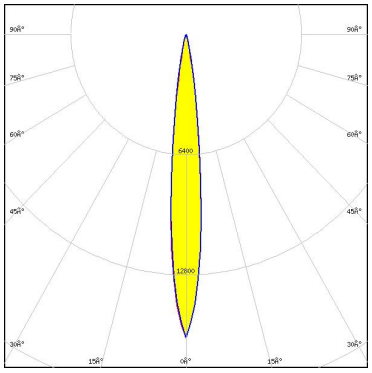
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	90 %
Peak intensity	10.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMILEDS

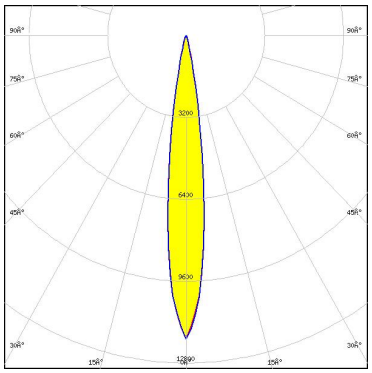
LED	LUXEON CX Plus CoB S01 (Gen2)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	91 %
Peak intensity	16.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15956_HEKLA-SOCKET-J	



Light distribution files

LUMINUS

LED	CHM-9 XH (19x19)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



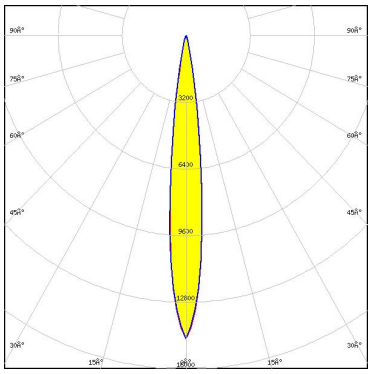
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CTM-6 (Tunable White) Gen2
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	87 %
Peak intensity	14.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

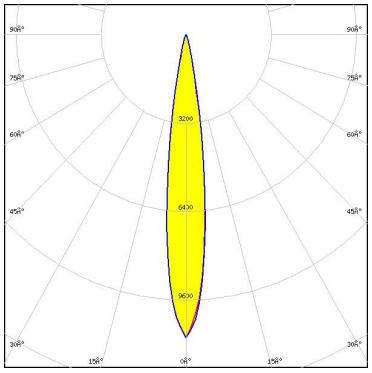


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CTM-9 (Tunable White) Gen2
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	87 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

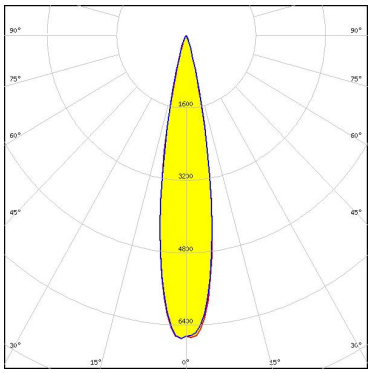


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CxM-11 (19x19)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 32.0°
Efficiency	86 %
Peak intensity	6.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



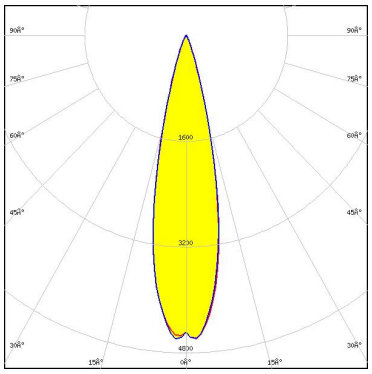
Light distribution files

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OPTICAL RESULTS (SIMULATED):

LUMINUS

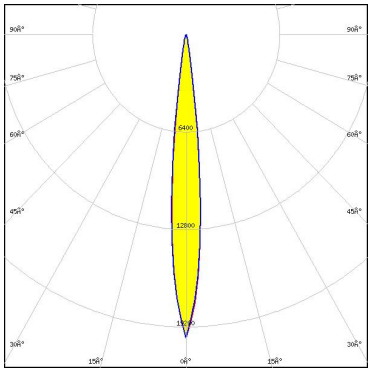
LED	CxM-14 (18.5x18.5)
FWHM / FWTM	24.0° / 40.0°
Efficiency	86 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

LUMINUS

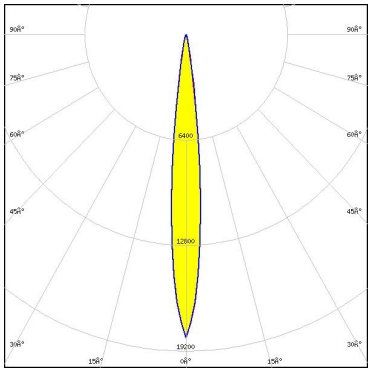
LED	CXM-3
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 20.0°
Efficiency	91 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 634a Bayonet35L	



Light distribution files

LUMINUS

LED	CXM-4
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 20.0°
Efficiency	90 %
Peak intensity	18.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 634a Bayonet35L	



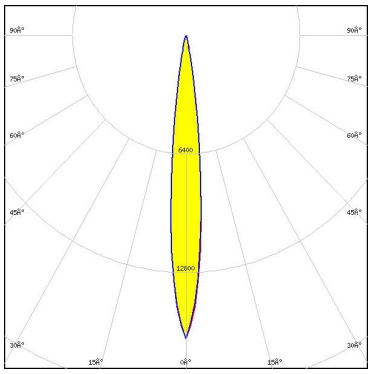
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	16.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

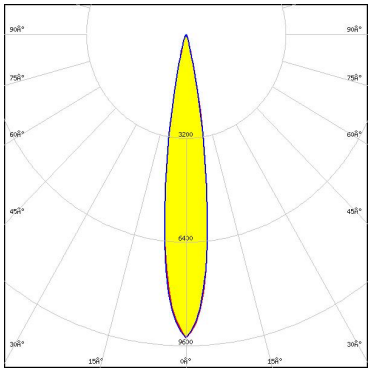


BJB: 47.360.1020

Light distribution files

LUMINUS

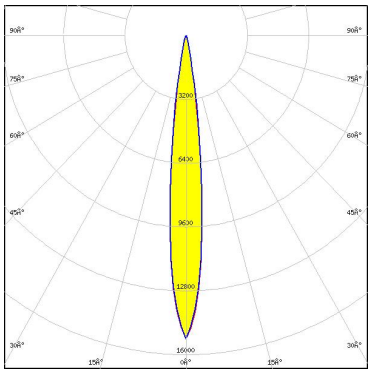
LED	CxM-9 (13.5x13.5)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	9.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

NICHIA

LED	COB S-Type (LES 6)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652a Bayonet35L

Light distribution files

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OPTICAL RESULTS (SIMULATED):

NICHIA

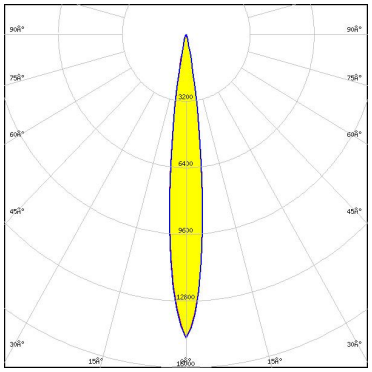
LED	COB S-Type (LES 7)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 24.0°
Efficiency	90 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB T-Type
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 24.0°
Efficiency	90 %
Peak intensity	14.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

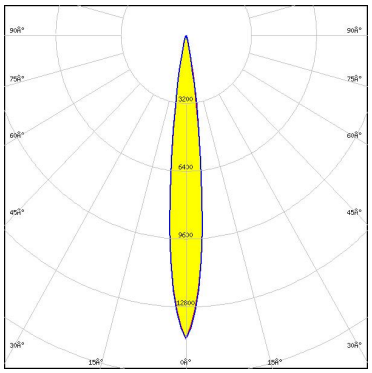


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	87 %
Peak intensity	14.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

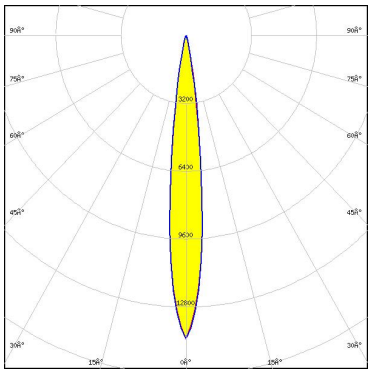
Bender Wirth: 497 Typ L8 HV

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OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	87 %
Peak intensity	14.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

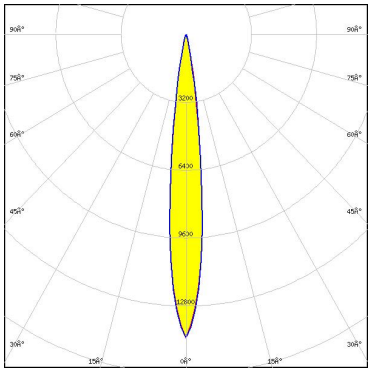


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	87 %
Peak intensity	14.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

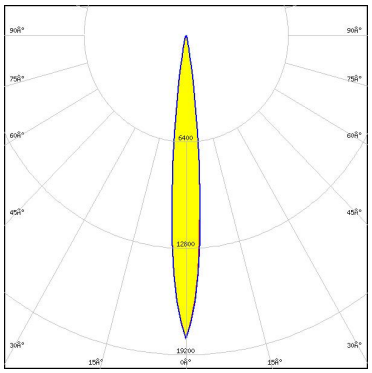


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	10.0° / 20.0°
Efficiency	87 %
Peak intensity	18.2 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

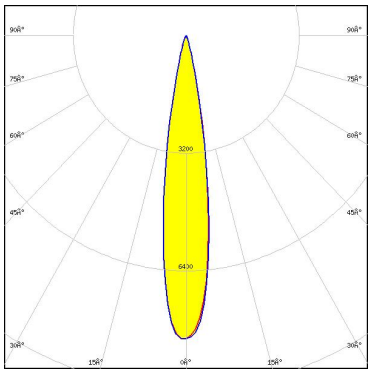
Bender Wirth: 495 Typ L8 HV

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OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 30.0°
Efficiency	87 %
Peak intensity	8.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

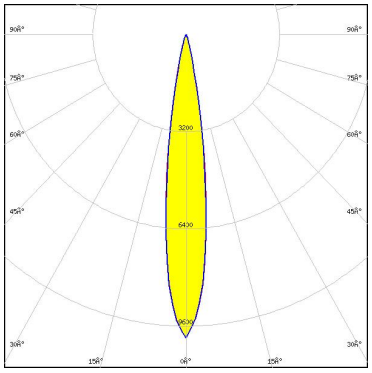


Light distribution files

Bender Wirth: 498 Typ L8 HV

PHILIPS

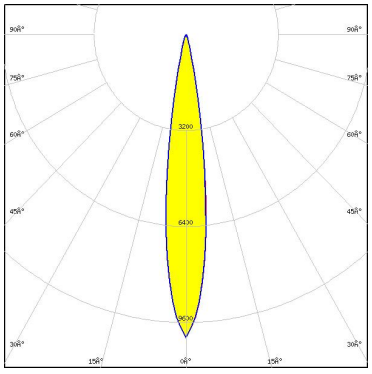
LED	Fortimo SLM L09 CoB
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	88 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

PHILIPS

LED	Fortimo SLM L13 CoB
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

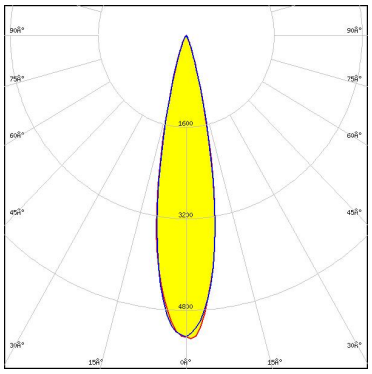
Bender Wirth: 632a Hekla XL

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

OPTICAL RESULTS (SIMULATED):

PHILIPS

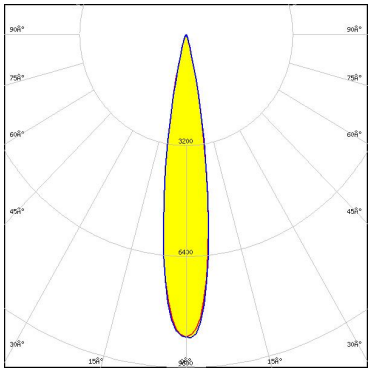
LED	Fortimo SLM L15 1919 CoB
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	85 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

SAMSUNG

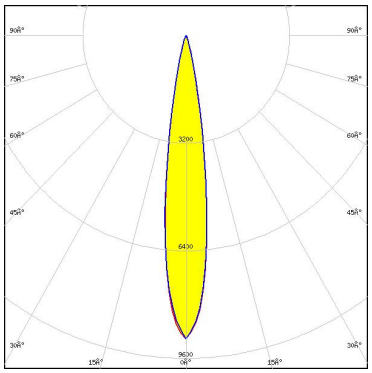
LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	8.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 29.0°
Efficiency	85 %
Peak intensity	9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

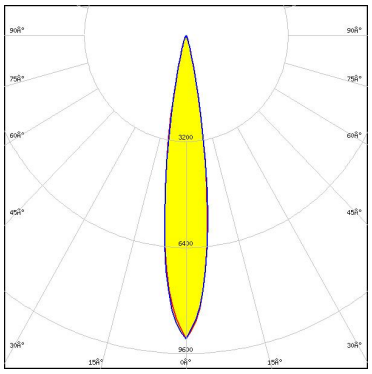
BJB: 47.360.1020

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

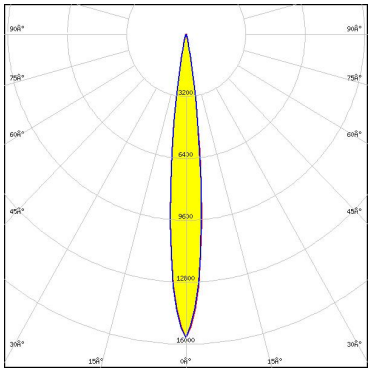
LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

SAMSUNG

LED	LC010C G2
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	89 %
Peak intensity	15.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

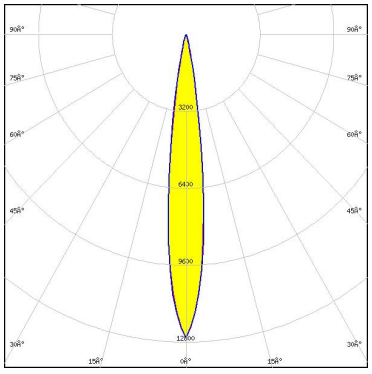


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED	LC010T (Tunable White)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	87 %
Peak intensity	12.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

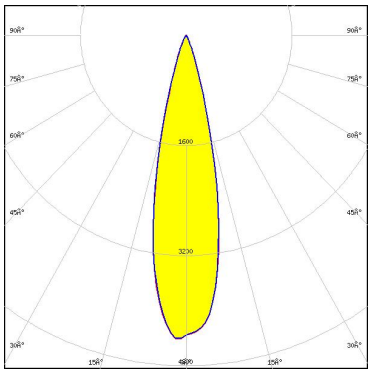
Bender Wirth: 501 Typ L8

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

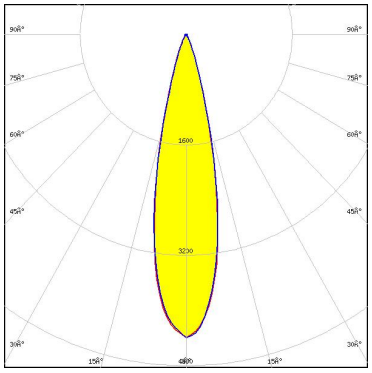
LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	24.0° / 40.0°
Efficiency	85 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	24.0° / 42.0°
Efficiency	85 %
Peak intensity	4.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

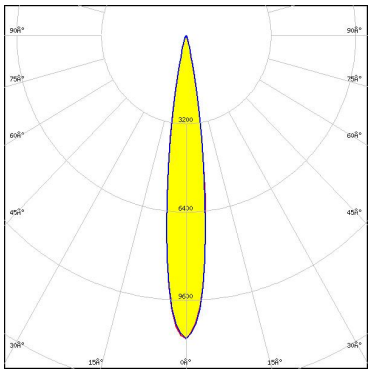


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED	LC020C G2
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

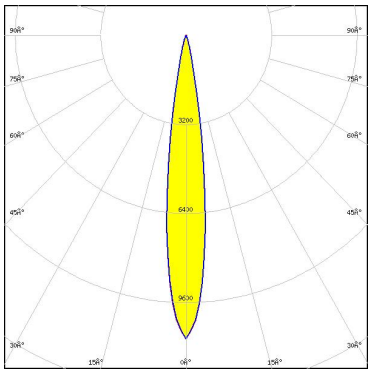
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC020C G2
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	14.0° / 26.0°
Efficiency	88 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

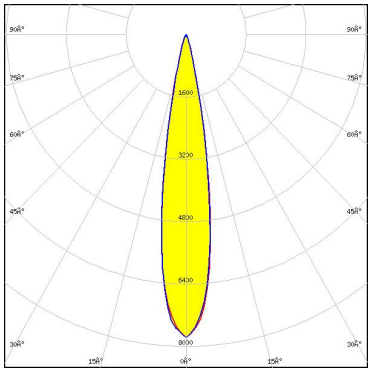


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED	LC020T (Tunable white)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	18.0° / 30.0°
Efficiency	87 %
Peak intensity	7.8 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

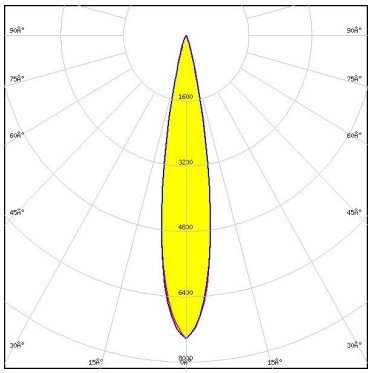


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	18.0° / 32.0°
Efficiency	87 %
Peak intensity	7.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

Light distribution files

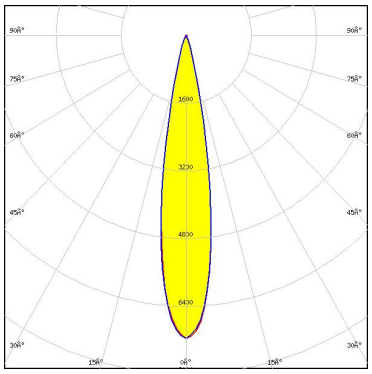
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	18.0° / 32.0°
Efficiency	88 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

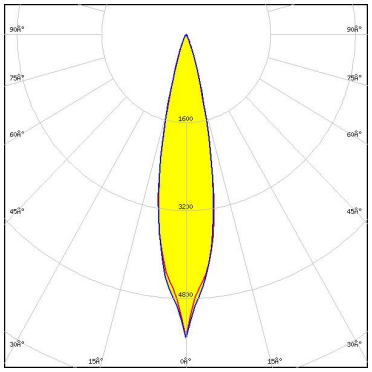


Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	87 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15859_HEKLA-SOCKET-I

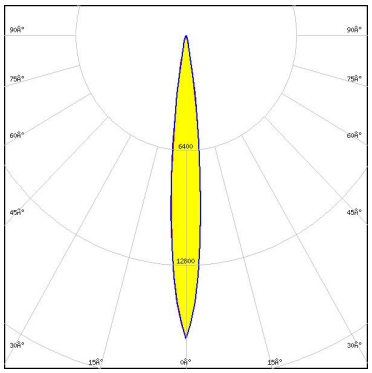


Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	16.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15255_HEKLA-SOCKET-C



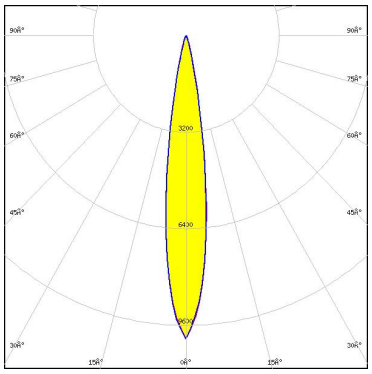
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

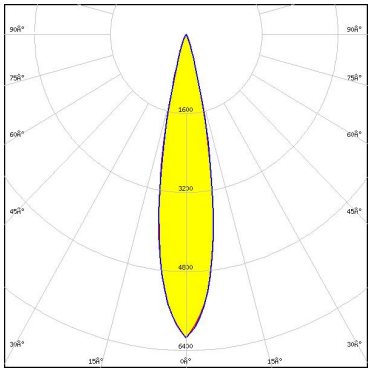
LED	MJT COB LES 9.8
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	16.0° / 28.0°
Efficiency	90 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

TRIDONIC

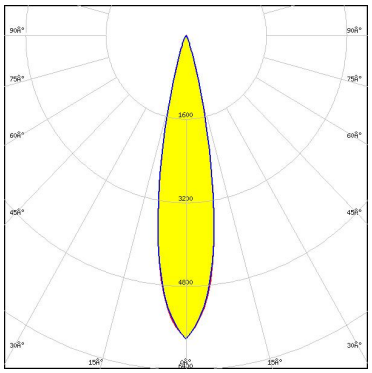
LED	SLE G7 LES13
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	87 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

XICATO

LED	XOB 14.5 mm
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	86 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

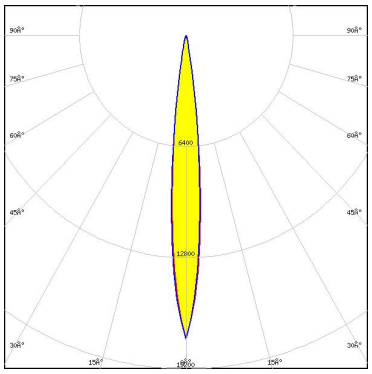
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OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 6 mm
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	12.0° / 21.0°
Efficiency	88 %
Peak intensity	17.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

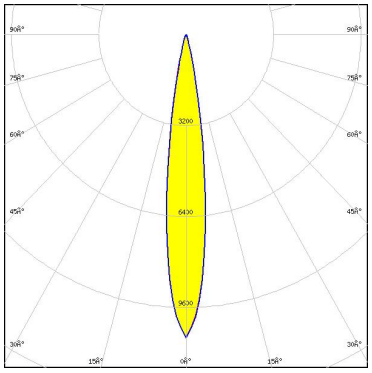
Bender Wirth: 634b Hekla



Light distribution files

XICATO

LED	XOB 9.8 mm
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	15.0° / 27.0°
Efficiency	88 %
Peak intensity	10.7 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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