AMY-70-W

~36° wide beam



SPECIFICATION:

Dimensions	Ø 69.9
Height	13 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

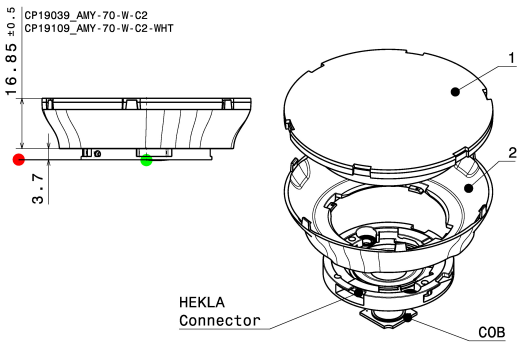
Component	Type	Material	Colour	Finish	Length (mm)
AMY-70-W	Single lens	PMMA	clear		
AMY-70-HLD2-C	Holder C	PC	black		
AMY-70-HLD2-B	Holder B	PC	black		
AMY-70-HLD2-C-WHT	Holder C	PC	white		
AMY-70-HLD2-B-WHT	Holder B	PC	white		
AMY-70-HLD2-B50	Holder B	PC	black		
AMY-70-HLD2-B50-WHT	Holder B	PC	white		

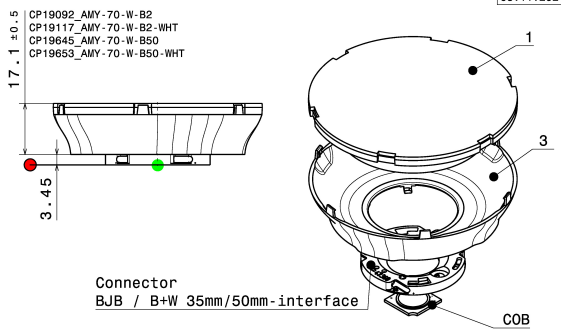
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

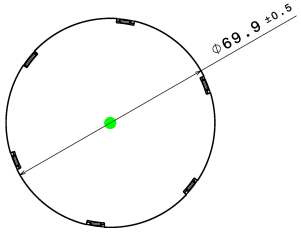
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17778_AMY-70-W	285	285	15	9.0
Assembly				
CP19653_AMY-70-W-B50-WHT	210	210	15	8.6
CP19645_AMY-70-W-B50	210	210	15	8.5
CP19117_AMY-70-W-B2-WHT	210	210	15	8.5
CP19109_AMY-70-W-C2-WHT	210	210	15	8.2
CP19092_AMY-70-W-B2	210	210	15	8.5
CP19039_AMY-70-W-C2	210	210	15	8.2

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







Top view
Scale: 1:1

INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	AMY-70-W	LENS	1			
	C17778_AMY-70-W			PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C19021_AMY-70-HLD2-C			PC	BLACK	CP19039_AMY-70-W-C2
	C19023_AMY-70-HLD2-C-WHT			PC	WHITE	CP19109_AMY-70-W-C2-WHT
3	HOLDER B					
	C19022_AMY-70-HLD2-B			PC	BLACK	CP19092_AMY-70-W-B2
	C19024_AMY-70-HLD2-B-WHT			PC	WHITE	CP19117_AMY-70-W-B2-WHT
	C19579_AMY-70-HLD2-B50			PC	BLACK	CP19645_AMY-70-W-B50
	C19580_AMY-70-HLD2-B50-WHT			PC	WHITE	CP19653_AMY-70-W-B50-WHT

DATE 05.11.2024

MECHANICAL DRAWING

PRODUCT AMY-70-W

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.

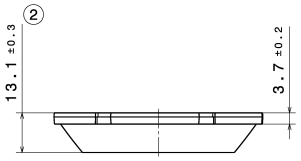
FIRST ANGLE PROJECTION:

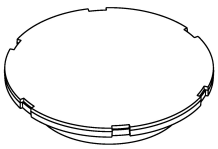
This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

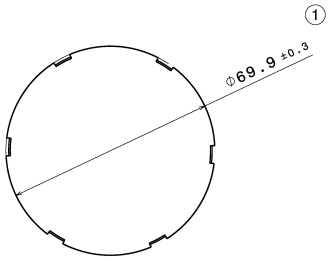
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/2

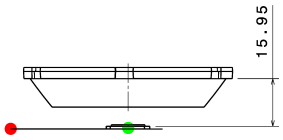
Notes

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









PART	TYPE	MATERIAL	COLOR / COATING
C17778_AMY-70-W	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT AMY-70-W

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:

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

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

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

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

OPTICAL RESULTS (MEASURED):

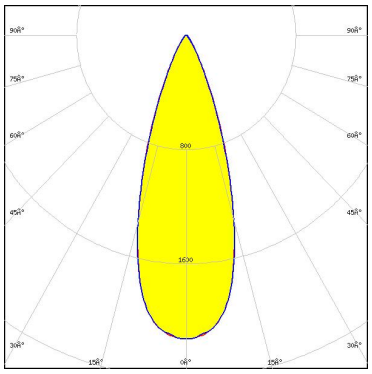
bridgelux

LED	V10 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 59.0°
Efficiency	90 %
LEDs/each optic	1
Light colour/type	White

Required components:

F15255_HEKLA-SOCKET-C





Light distribution files

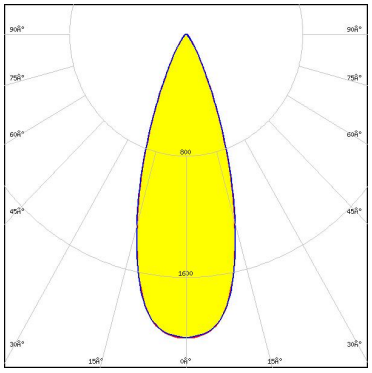
bridgelux

LED	V11 HD Gen 8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 60.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White

Required components:

Bender Wirth: 633d Hekla





Light distribution files

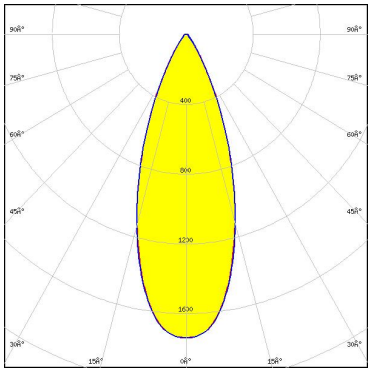
bridgelux

LED	V13 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	38.0° / 66.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White

Required components:

F15859_HEKLA-SOCKET-I





Light distribution files

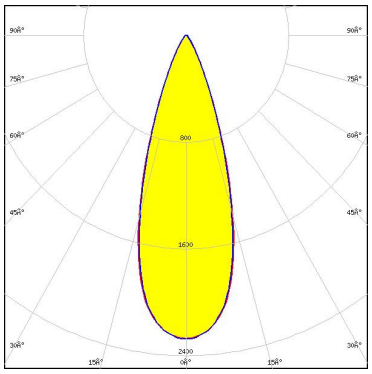
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

bridgelux

LED	V8 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 58.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



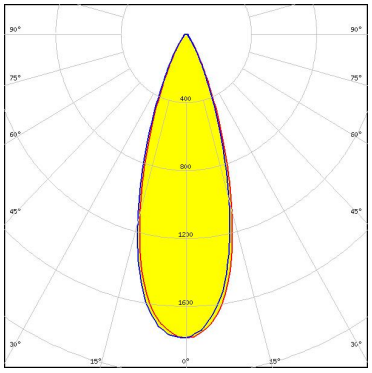


Light distribution files

bridgelux

LED	Vesta RGBW 10mm CSP
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 61.0°
Efficiency	77 %
Peak intensity	1.8 cd/lm
LEDs/each optic	28
Light colour/type	RGBW
Required components:	
C19950_HEKLA-SOCKET-RZ	



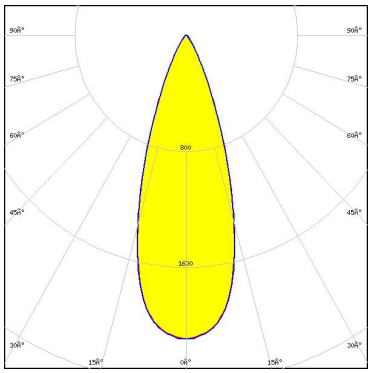


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 59.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	





Light distribution files

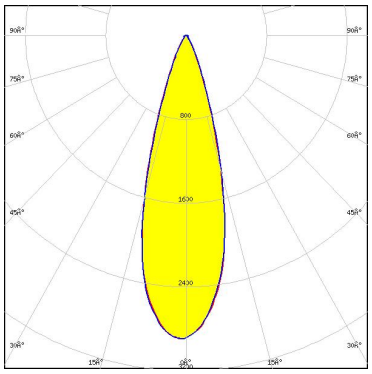
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	30.0° / 51.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	



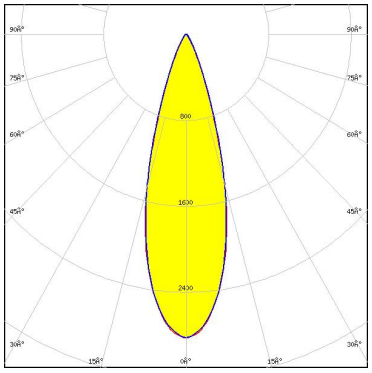


Light distribution files

CITIZEN

LED	CLU7S3
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	31.0° / 53.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	
Bender Wirth: 667a Bayonet35	



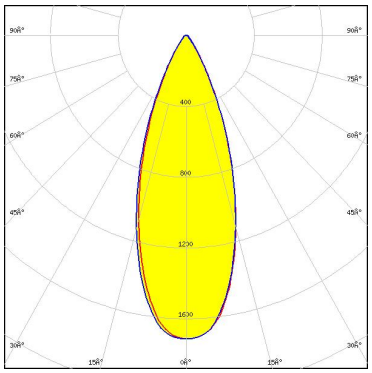


Light distribution files

CREE LEDs

LED	CMU15xx
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	38.0° / 66.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





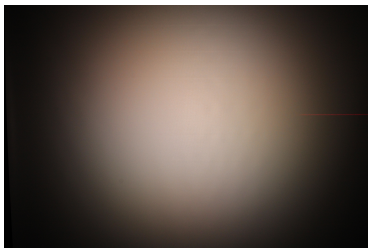
Light distribution files

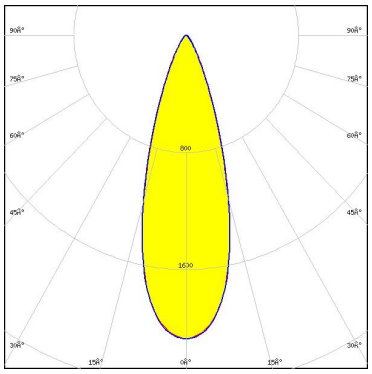
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON Fusion 12-up (20x24)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 58.0°
Efficiency	82 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
F18158_HEKLA-RZ-LENS	
Bender Wirth: 442 Typ L8	



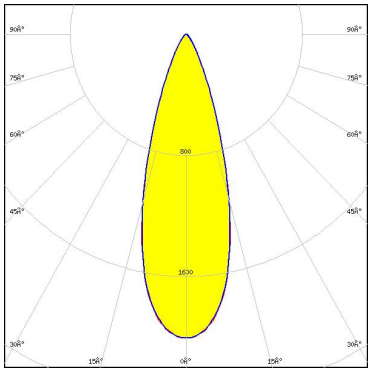


Light distribution files

LUMILEDS

LED	LUXEON Fusion 21-up (20x24)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 59.0°
Efficiency	81 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
F18158_HEKLA-RZ-LENS	
Bender Wirth: 442 Typ L8	



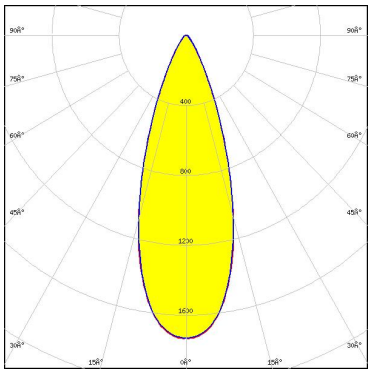


Light distribution files

LUMILEDS

LED	LUXEON Fusion 27-up (20x24)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 63.0°
Efficiency	81 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
F18158_HEKLA-RZ-LENS	
Bender Wirth: 442 Typ L8	





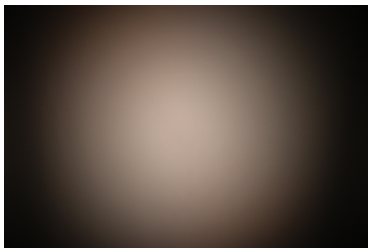
Light distribution files

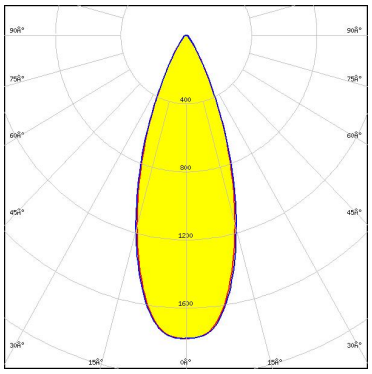
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	38.0° / 64.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 442 Typ L8	

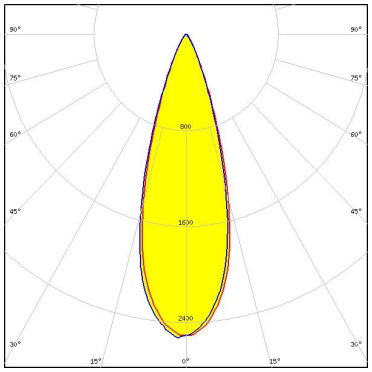




Light distribution files

PHILIPS

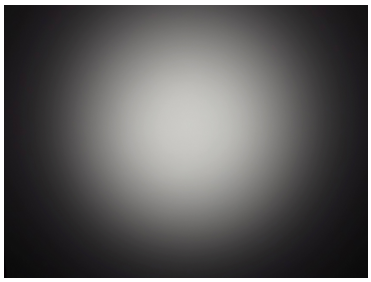
LED	Fortimo SLM C TW L06A 1313 G7N
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 54.0°
Efficiency	90 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 508 Typ L8	

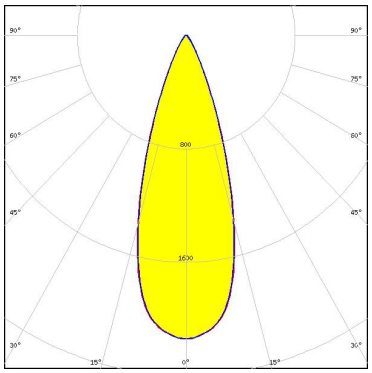


Light distribution files

PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 58.0°
Efficiency	89 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 501 Typ L8	





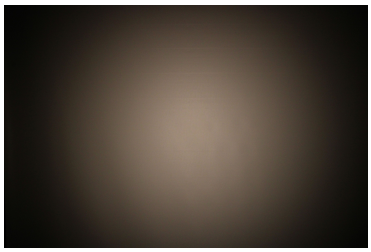
Light distribution files

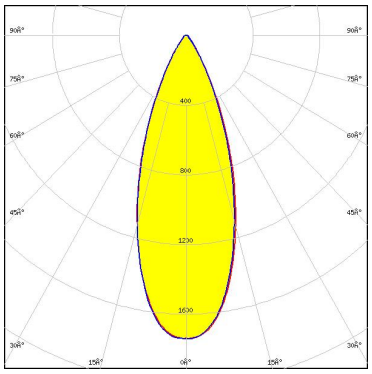
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	C17778_AMY-70-W
FWHM / FWTM	38.0° / 66.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	

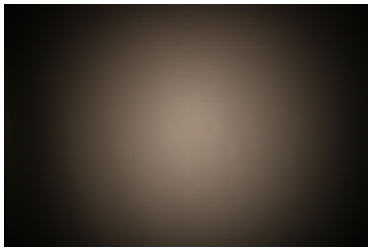


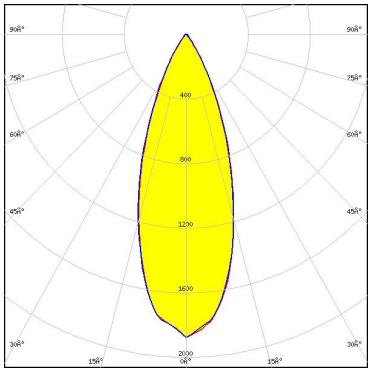


Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	38.0° / 66.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	





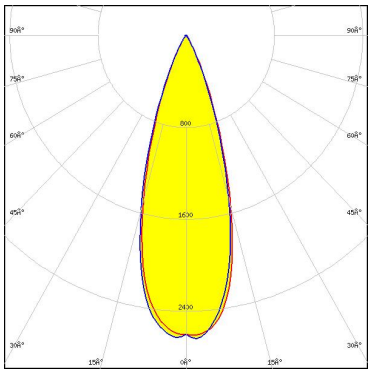
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V10 Gen 8-9
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	33.0° / 54.0°
Efficiency	91 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

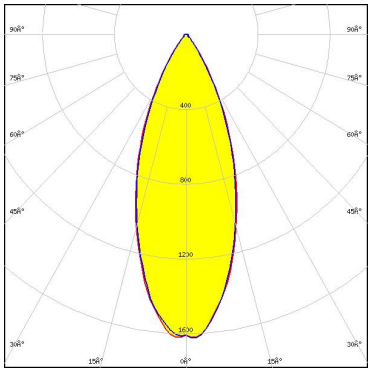


BJB: 47.360.1020

Light distribution files

bridgelux

LED	V18 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	40.0° / 70.0°
Efficiency	85 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

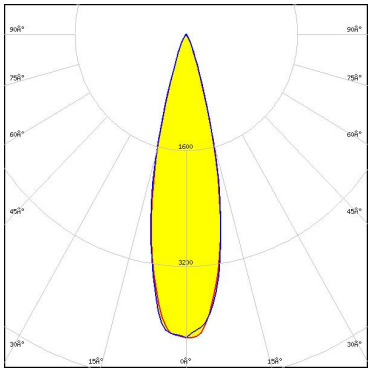


Bender Wirth: 639b Hekla XL

Light distribution files

bridgelux

LED	V3 HD Gen 8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	26.0° / 42.0°
Efficiency	93 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



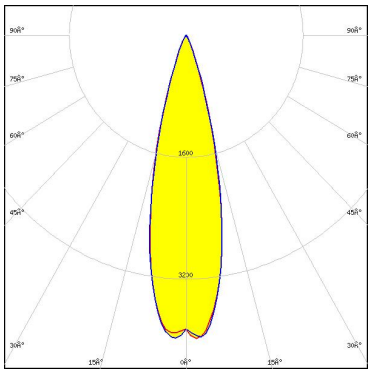
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

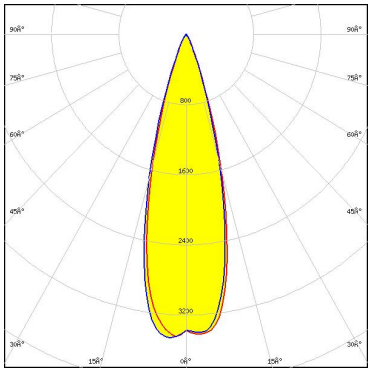
LED	V4 HD Gen 8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	26.0° / 44.0°
Efficiency	93 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

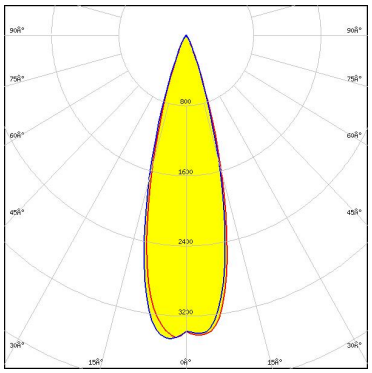
LED	V6 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	29.0° / 46.0°
Efficiency	96 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

LED	V6 Gen 8-9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	29.0° / 46.0°
Efficiency	93 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

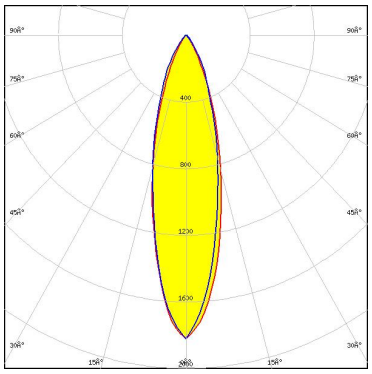
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V6 HD Gen 8
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	26.0° / 60.0°
Efficiency	90 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634c Hekla

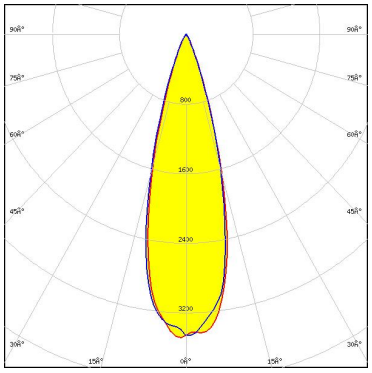


Light distribution files

bridgelux

LED	V6 HD Gen 8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	29.0° / 46.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

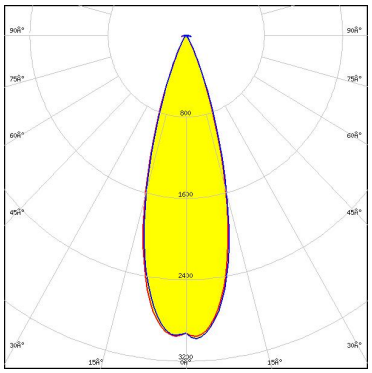
F15255_HEKLA-SOCKET-C



Light distribution files

bridgelux

LED	V8 Gen 8-9
Ordering code	C17778_AMY-70-W
FWHM / FWTM	31.0° / 50.0°
Efficiency	95 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



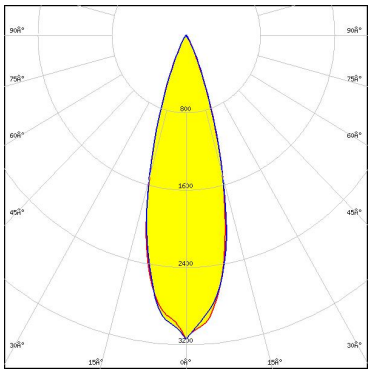
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

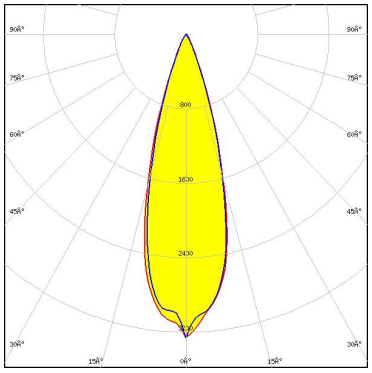
LED	V8 Gen7
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	30.0° / 50.0°
Efficiency	90 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

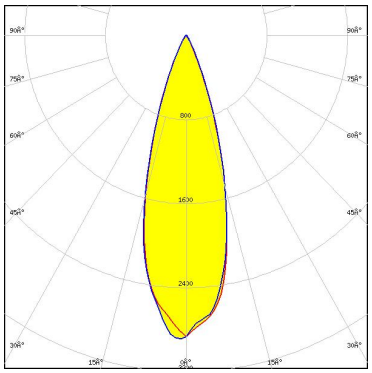
LED	V9 HD Gen 8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	30.0° / 48.0°
Efficiency	91 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

bridgelux

LED	VERO10
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 52.0°
Efficiency	89 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15616_HEKLA-SOCKET-F	



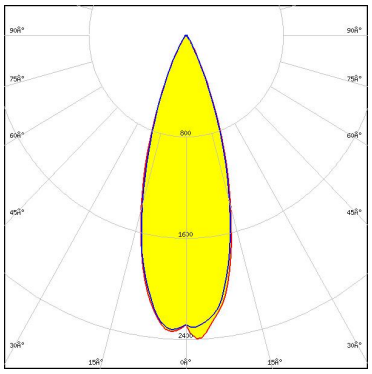
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

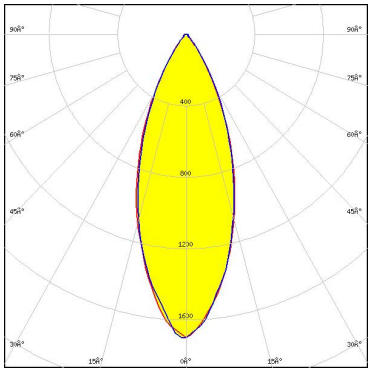
LED	VERO13
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 56.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	VERO18
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	39.0° / 71.0°
Efficiency	88 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	

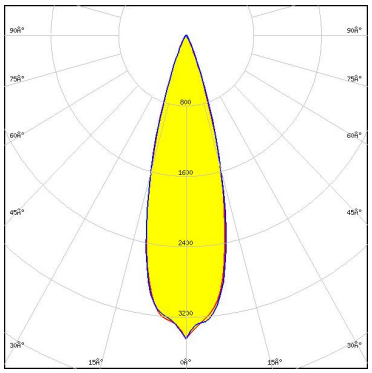


Light distribution files

bridgelux

LED	Vesta DTW 13mm (21W)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	29.0° / 46.0°
Efficiency	92 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 632b Hekla XL



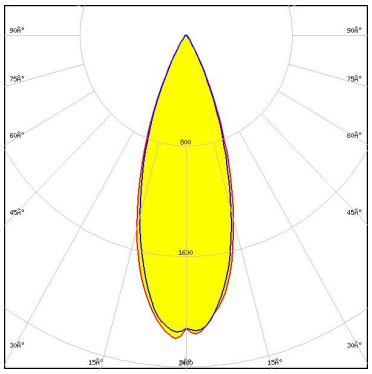
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

LED	Vesta DTW 15mm (33W)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 60.0°
Efficiency	90 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

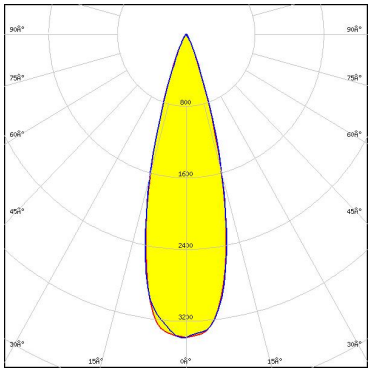


Bender Wirth: 632b Hekla XL

Light distribution files

bridgelux

LED	Vesta DTW 6mm
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	30.0° / 46.0°
Efficiency	92 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

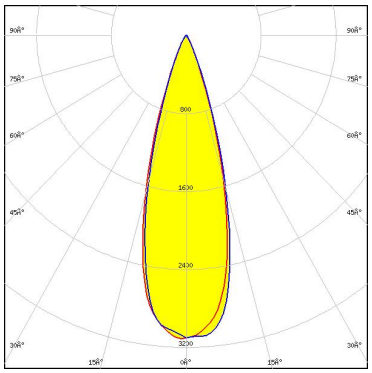


Bender Wirth: 652b Hekla

Light distribution files

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 48.0°
Efficiency	92 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652b Hekla

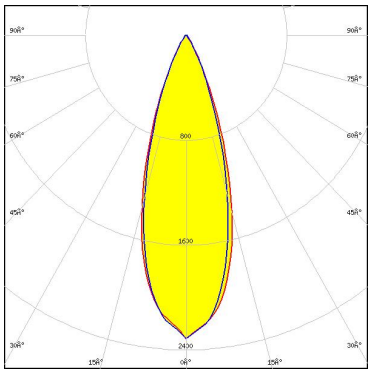
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

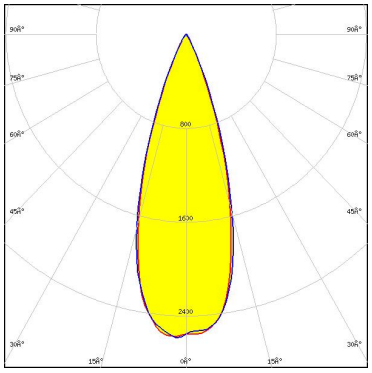
LED	Vesta SE 13mm TW
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 57.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta TW 9mm (9W) DP
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 54.0°
Efficiency	92 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	

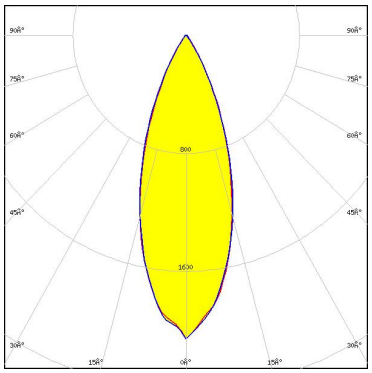


Light distribution files

Bender Wirth: 489 Typ L8

CITIZEN

LED	CLU03Q Type-F
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 63.0 + 64.0°
Efficiency	90 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



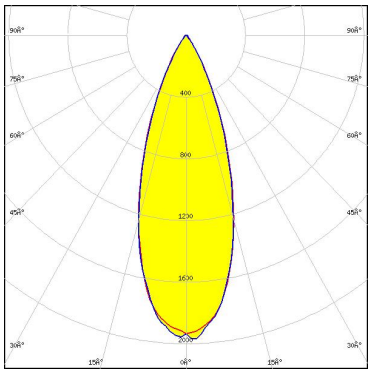
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

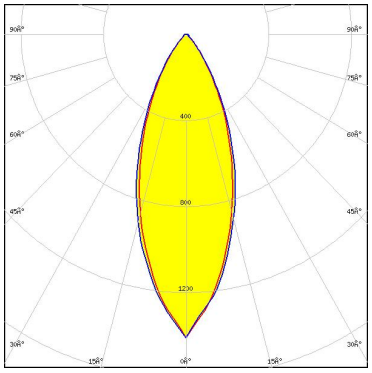
LED	CLU03x
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 64.0°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

CITIZEN

LED	CLU04x
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	39.0° / 75.0°
Efficiency	79 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

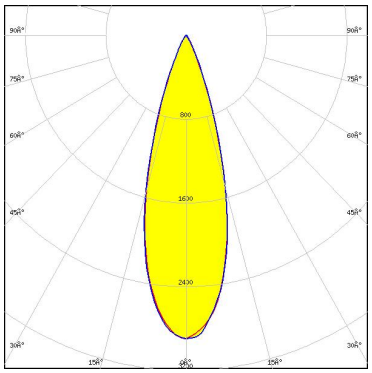


Bender Wirth: 631a Hekla XL

Light distribution files

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 50.0°
Efficiency	91 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



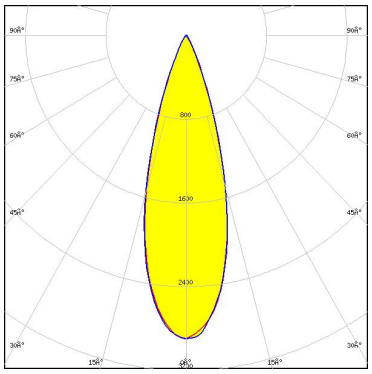
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

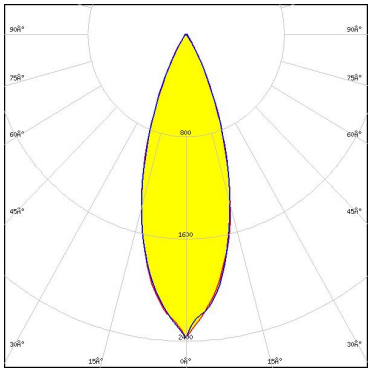
LED	CLU700/701/702/703
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 52.0°
Efficiency	90 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

CITIZEN

LED	CLU733 Type-F
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 60.0°
Efficiency	92 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

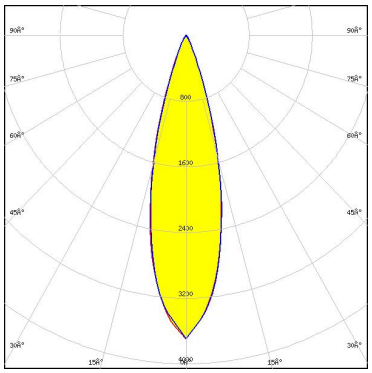


Bender Wirth: 631b Hekla XL

Light distribution files

CREE LEDs

LED	CHA0410
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	28.0° / 46.0°
Efficiency	92 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



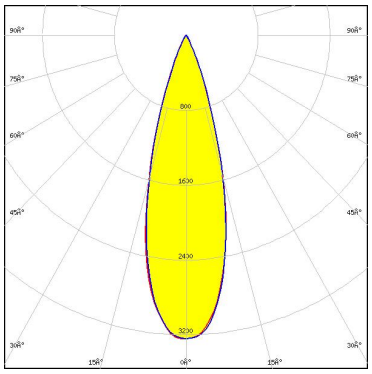
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

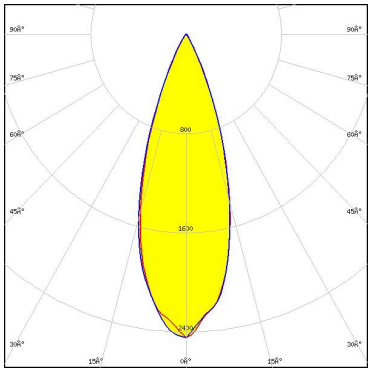
LED	CHA0612
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	30.0° / 48.0°
Efficiency	92 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

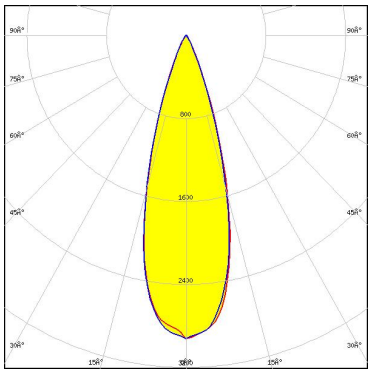
LED	CMA1825
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 56.0°
Efficiency	89 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



Light distribution files

CREE LEDs

LED	CMT14xx
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 50.0°
Efficiency	89 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



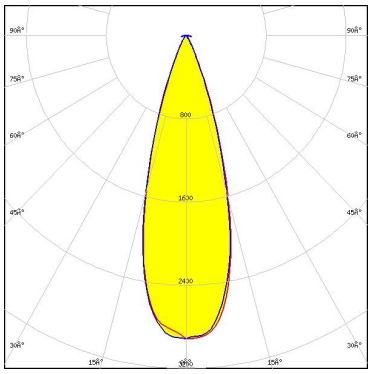
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

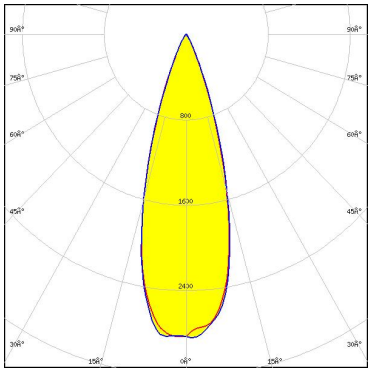
LED	CMT14xx
Ordering code	C17778_AMY-70-W
FWHM / FWTM	32.0° / 50.0°
Efficiency	95 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

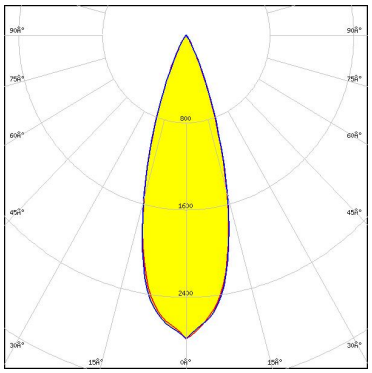
LED	CMU10xx
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 50.0°
Efficiency	90 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

LED	CMU10xx
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	32.0° / 54.0°
Efficiency	91 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1020

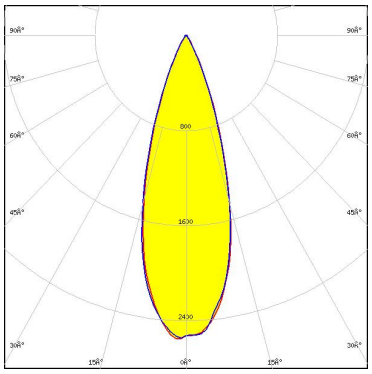
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

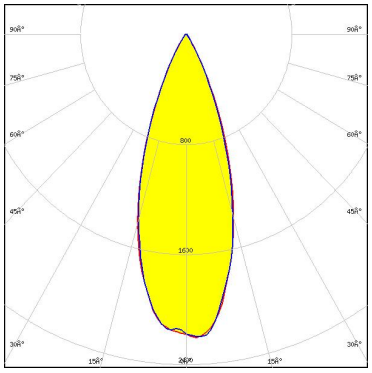
LED	CXA/B 15xx
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 55.0°
Efficiency	88 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 60.0°
Efficiency	92 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 637a Hekla

Light distribution files

LUMILEDS

LED	LUXEON CoB 1202/1203
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 50.0°
Efficiency	91 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	

Light distribution files

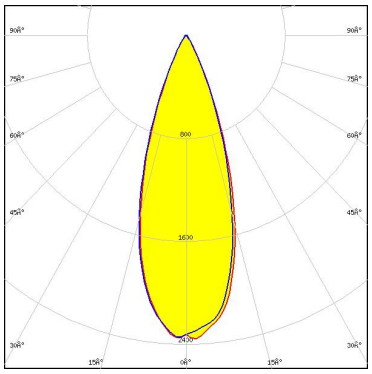
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON CoB 1204/1205
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 57.0°
Efficiency	91 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 632a Hekla XL

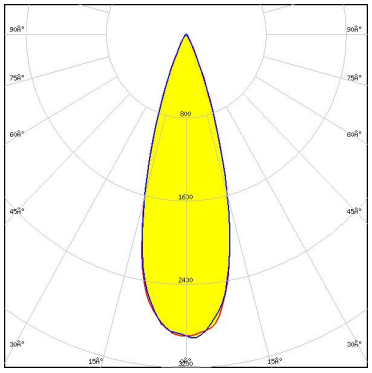


Light distribution files

LUMILEDS

LED	LUXEON CoB 1204HD
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 50.0°
Efficiency	91 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15858_HEKLA-SOCKET-H

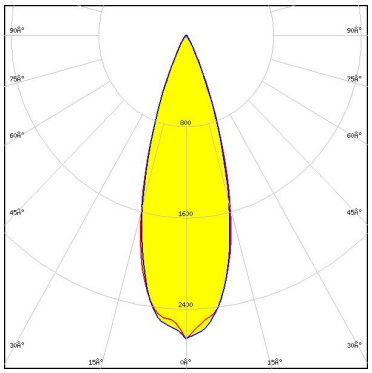


Light distribution files

LUMILEDS

LED	LUXEON CoB 1205HD
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 54.0°
Efficiency	91 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15858_HEKLA-SOCKET-H



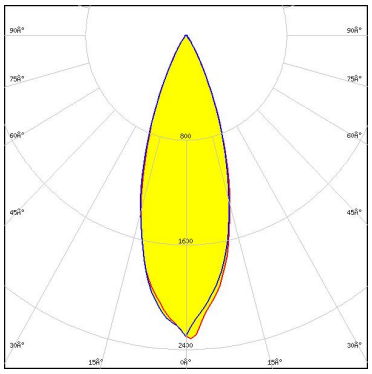
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON CoB 1208
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 59.0°
Efficiency	90 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

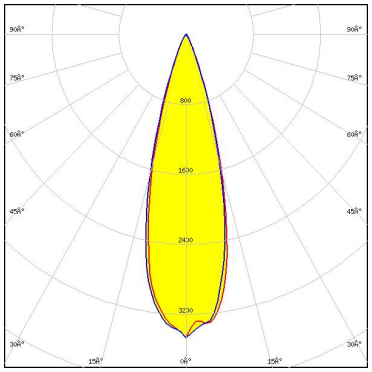


Bender Wirth: 632a Hekla XL

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S02H6
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	29.0° / 47.0°
Efficiency	93 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

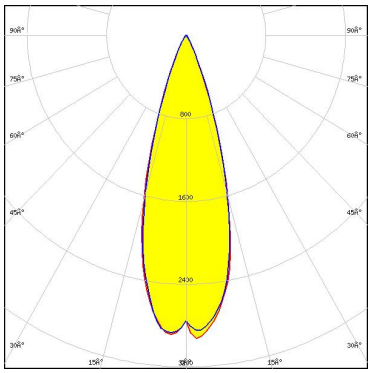


Bender Wirth: 634c Bayonet35L

Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	32.0° / 50.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 634a Bayonet35L

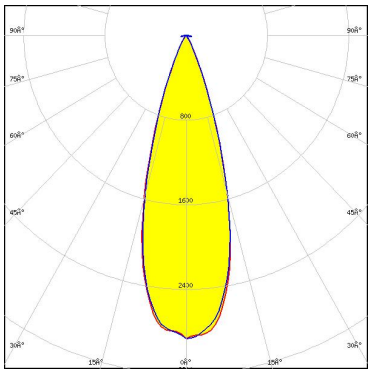
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

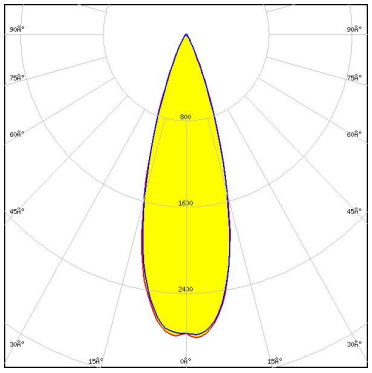
LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	C17778_AMY-70-W
FWHM / FWTM	32.0° / 50.0°
Efficiency	95 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

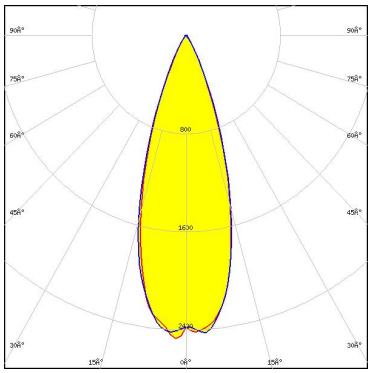
LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 51.0°
Efficiency	89 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 56.0°
Efficiency	92 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



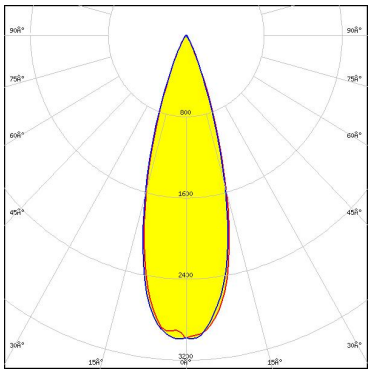
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

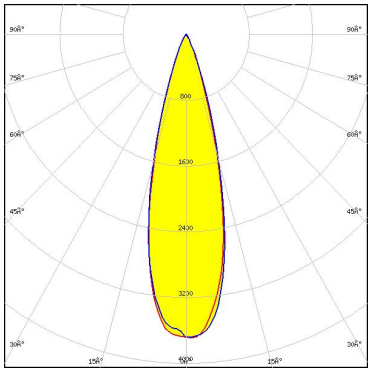
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 50.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMILEDS

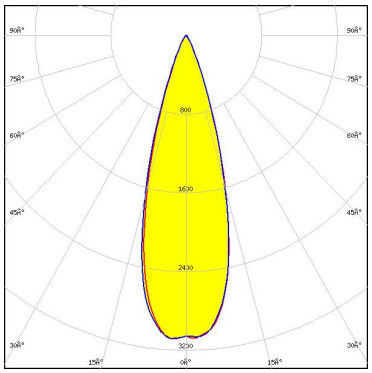
LED	LUXEON CX Plus CoB S01 (Gen2)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	28.0° / 46.0°
Efficiency	93 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15956_HEKLA-SOCKET-J	



Light distribution files

LUMINUS

LED	CHM-9 XH (19x19)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 50.0°
Efficiency	93 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



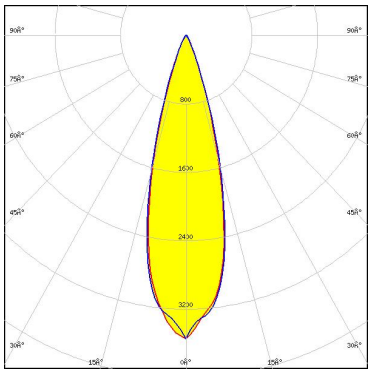
Light distribution files

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	CP19039_AMY-70-W-C2
FWHM / FWTM	28.0° / 46.0°
Efficiency	93 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

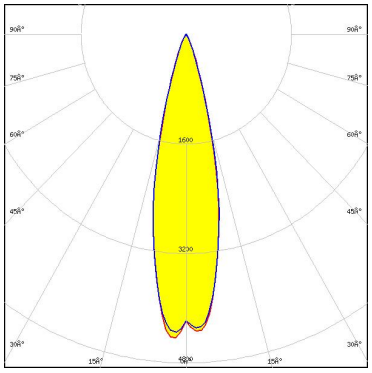


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CXM-3
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	25.0° / 42.0°
Efficiency	93 %
Peak intensity	4.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

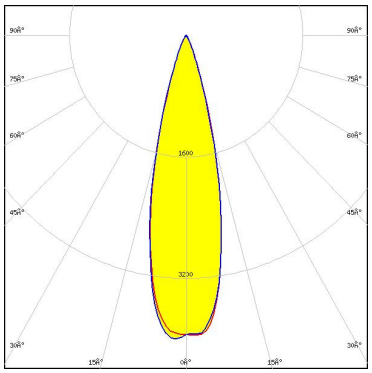


Light distribution files

Bender Wirth: 634a Bayonet35L

LUMINUS

LED	CXM-4
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	26.0° / 44.0°
Efficiency	93 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

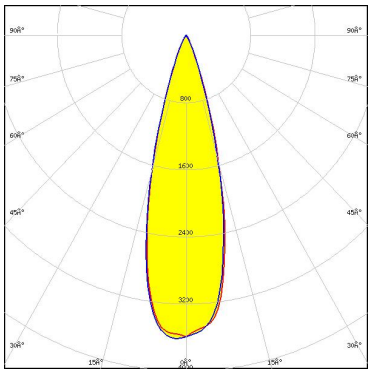
Bender Wirth: 634a Bayonet35L

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	CP19092_AMY-70-W-B2
FWHM / FWTM	28.0° / 46.0°
Efficiency	93 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

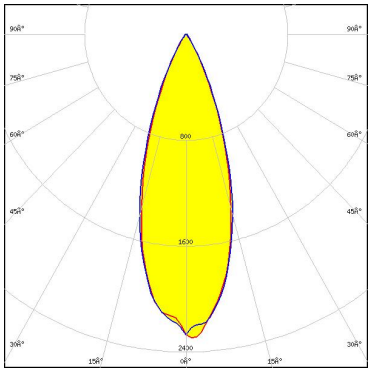


BJB: 47.360.1020

Light distribution files

NICHIA

LED	COB J-Type
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	35.0° / 59.0°
Efficiency	92 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

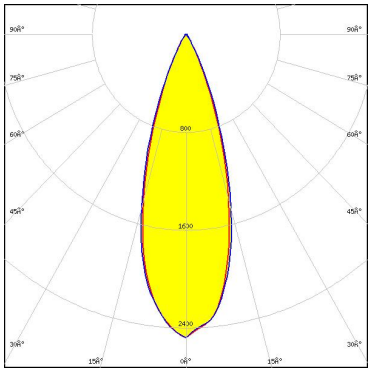


Bender Wirth: 663a Hekla XL

Light distribution files

NICHIA

LED	COB L-Type (LES 11)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 56.0°
Efficiency	89 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



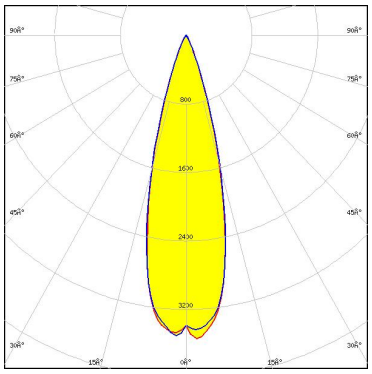
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	COB S-Type (LES 6)
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	28.0° / 46.0°
Efficiency	93 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

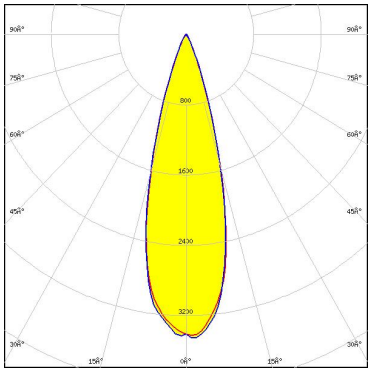


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	29.0° / 47.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

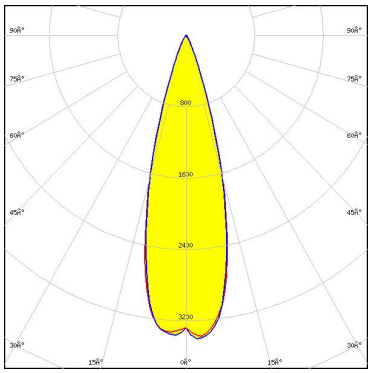


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB T-Type
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	30.0° / 46.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652a Bayonet35L

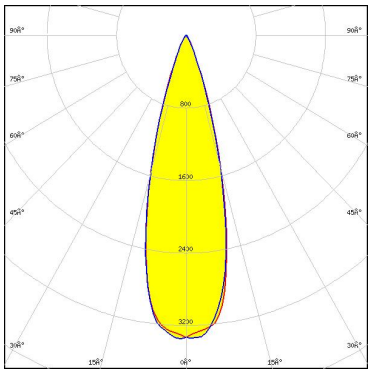
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	29.0° / 48.0°
Efficiency	93 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

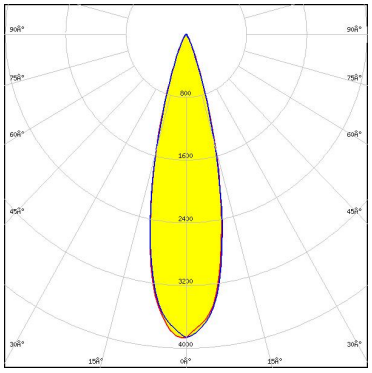


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	26.0° / 44.0°
Efficiency	93 %
Peak intensity	3.9 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

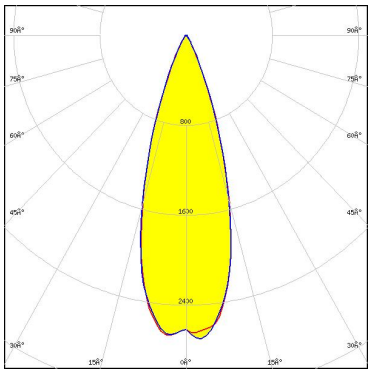


Light distribution files

Bender Wirth: 495 Typ L8 HV

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	32.0° / 54.0°
Efficiency	92 %
Peak intensity	2.8 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

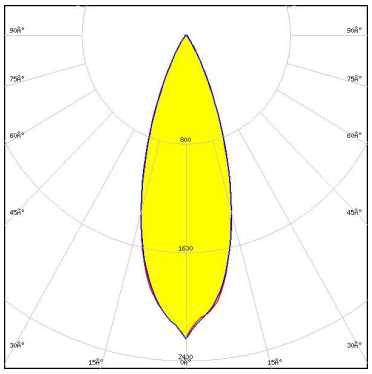
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

PHILIPS

LED	Fortimo SLM L15 CoB
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 60.0°
Efficiency	89 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 632a Hekla XL

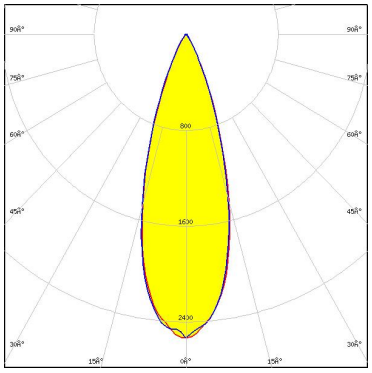


Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 56.0°
Efficiency	90 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15255_HEKLA-SOCKET-C

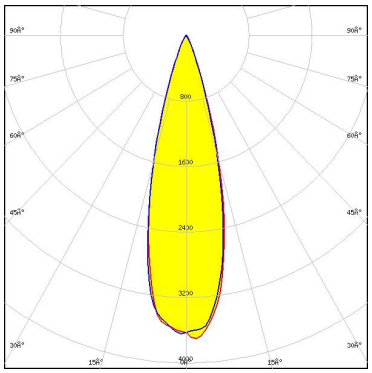


Light distribution files

SAMSUNG

LED	LC010C G2
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	28.0° / 46.0°
Efficiency	93 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020



Light distribution files

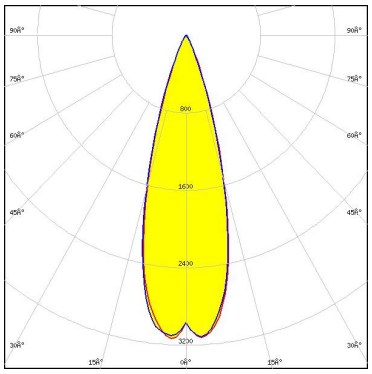
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC010T (Tunable White)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	30.0° / 49.0°
Efficiency	93 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	

Bender Wirth: 501 Typ L8

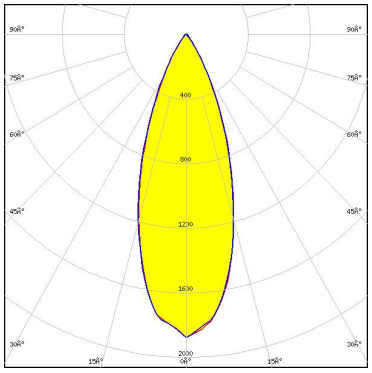


Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 66.0°
Efficiency	87 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15859_HEKLA-SOCKET-I

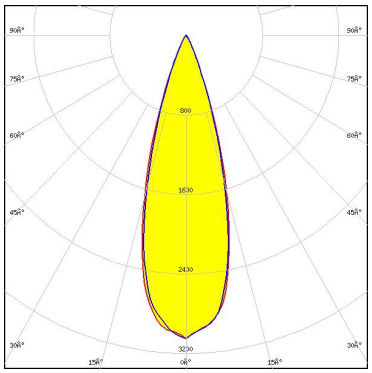


Light distribution files

SAMSUNG

LED	LC020C G2
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	31.0° / 50.0°
Efficiency	92 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010



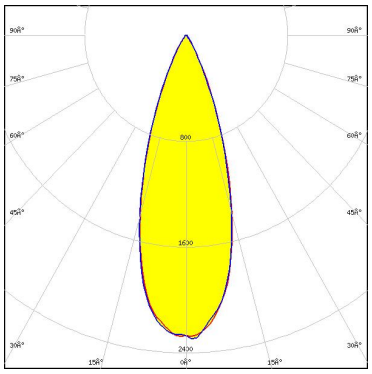
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SAMSUNG

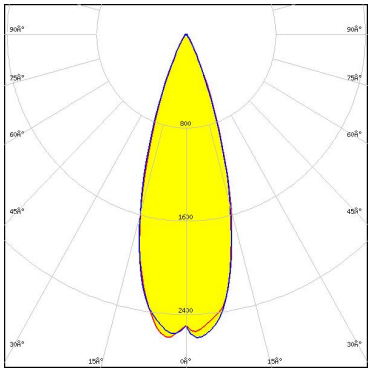
LED	LC020T (Tunable white)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 58.0°
Efficiency	89 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

SAMSUNG

LED	LC020T (Tunable white)
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	34.0° / 54.0°
Efficiency	92 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

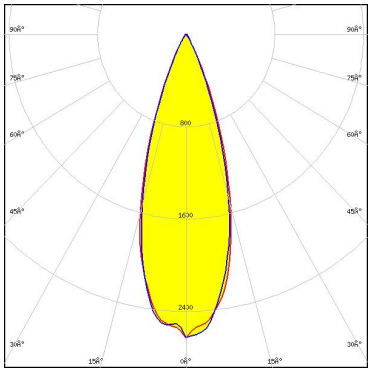


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP19092_AMY-70-W-B2
FWHM / FWTM	34.0° / 54.0°
Efficiency	91 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

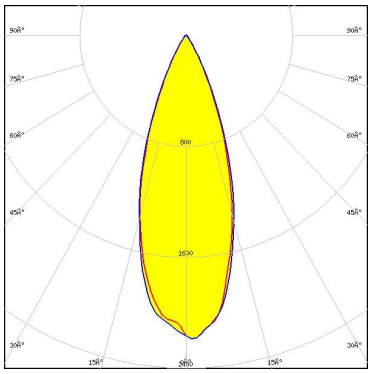
BJB: 47.360.1010

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

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

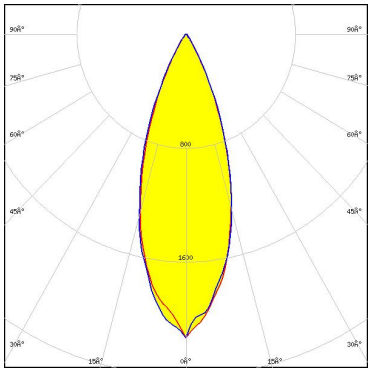
LED	MJT COB LES 14.5
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 60.0°
Efficiency	91 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

SEOUL SEMICONDUCTOR

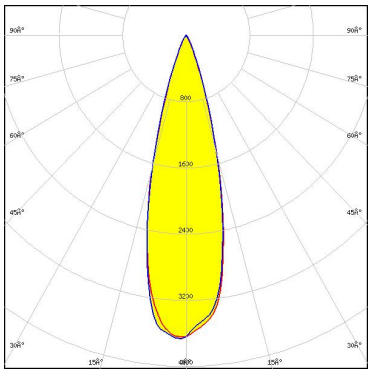
LED	MJT COB LES 14.5
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 61.0°
Efficiency	88 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	28.0° / 46.0°
Efficiency	94 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



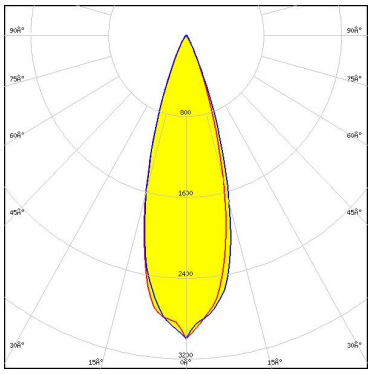
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

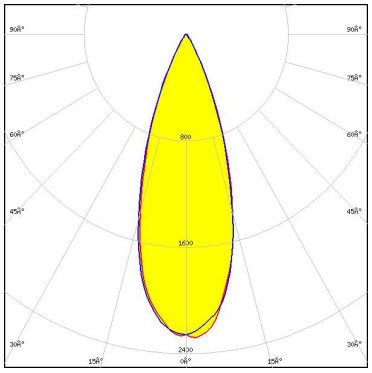
LED	MJT COB LES 9.8
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	31.0° / 51.0°
Efficiency	93 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



Light distribution files

TRIDONIC

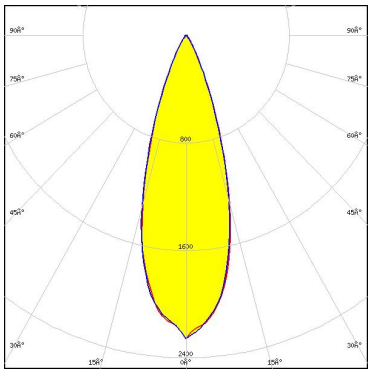
LED	SLE G7 LES13
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	36.0° / 58.0°
Efficiency	90 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

XICATO

LED	XOB 14.5 mm
Ordering code	CP19039_AMY-70-W-C2
FWHM / FWTM	33.0° / 56.0°
Efficiency	81 %
Peak intensity	2.3 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.

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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