AMY-50-O

~20 + 50° oval beam



SPECIFICATION:

Dimensions	Ø 49.9
Height	11 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

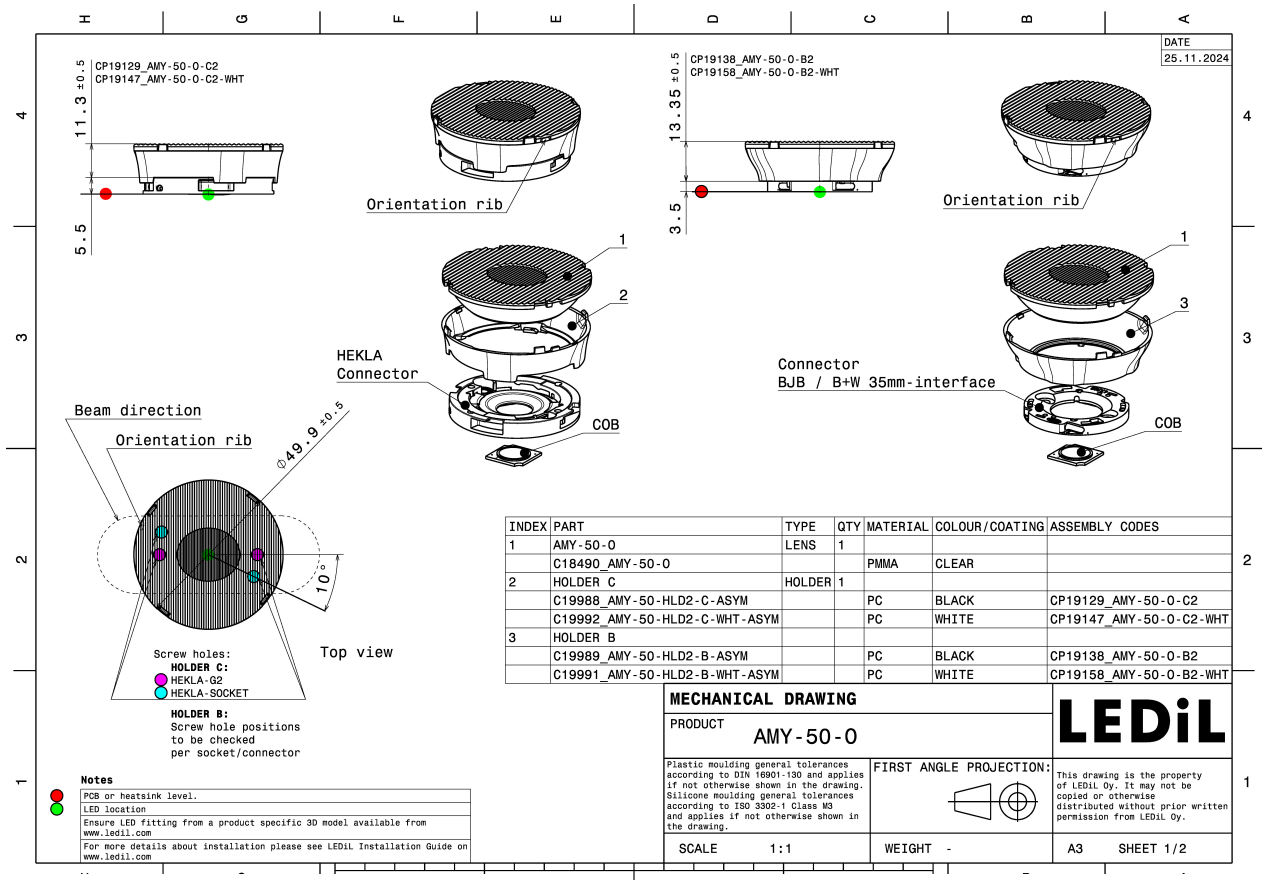
Component	Type	Material	Colour	Finish	Length (mm)
AMY-50-O	Single lens	PMMA	clear		
AMY-50-HLD2-C-ASYM	Holder C	PC	black		
AMY-50-HLD2-B-ASYM	Holder B	PC	black		
AMY-50-HLD2-C-WHT-ASYM	Holder C	PC	white		
AMY-50-HLD2-B-WHT-ASYM	Holder B	PC	white		

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ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18490_AMY-50-O » Box size: 480 x 280 x 300 mm	690	120	30	9.7
CP19158_AMY-50-O-B2-WHT » Box size: 480 x 280 x 300 mm	510	120	30	8.9
CP19147_AMY-50-O-C2-WHT » Box size: 480 x 280 x 300 mm	510	120	30	8.5
CP19138_AMY-50-O-B2 » Box size: 480 x 280 x 300 mm	510	120	30	8.9
CP19129_AMY-50-O-C2 » Box size: 480 x 280 x 300 mm	510	120	30	8.5

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INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	AMY-50-O	LENS	1			
	C18490_AMY-50-O			PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C19988_AMY-50-HLD2-C-ASYM			PC	BLACK	CP19129_AMY-50-O-C2
	C19992_AMY-50-HLD2-C-WHT-ASYM			PC	WHITE	CP19147_AMY-50-O-C2-WHT
3	HOLDER B					
	C19989_AMY-50-HLD2-B-ASYM			PC	BLACK	CP19138_AMY-50-O-B2
	C19991_AMY-50-HLD2-B-WHT-ASYM			PC	WHITE	CP19158_AMY-50-O-B2-WHT

MECHANICAL DRAWING

PRODUCT: AMY-50-O

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.

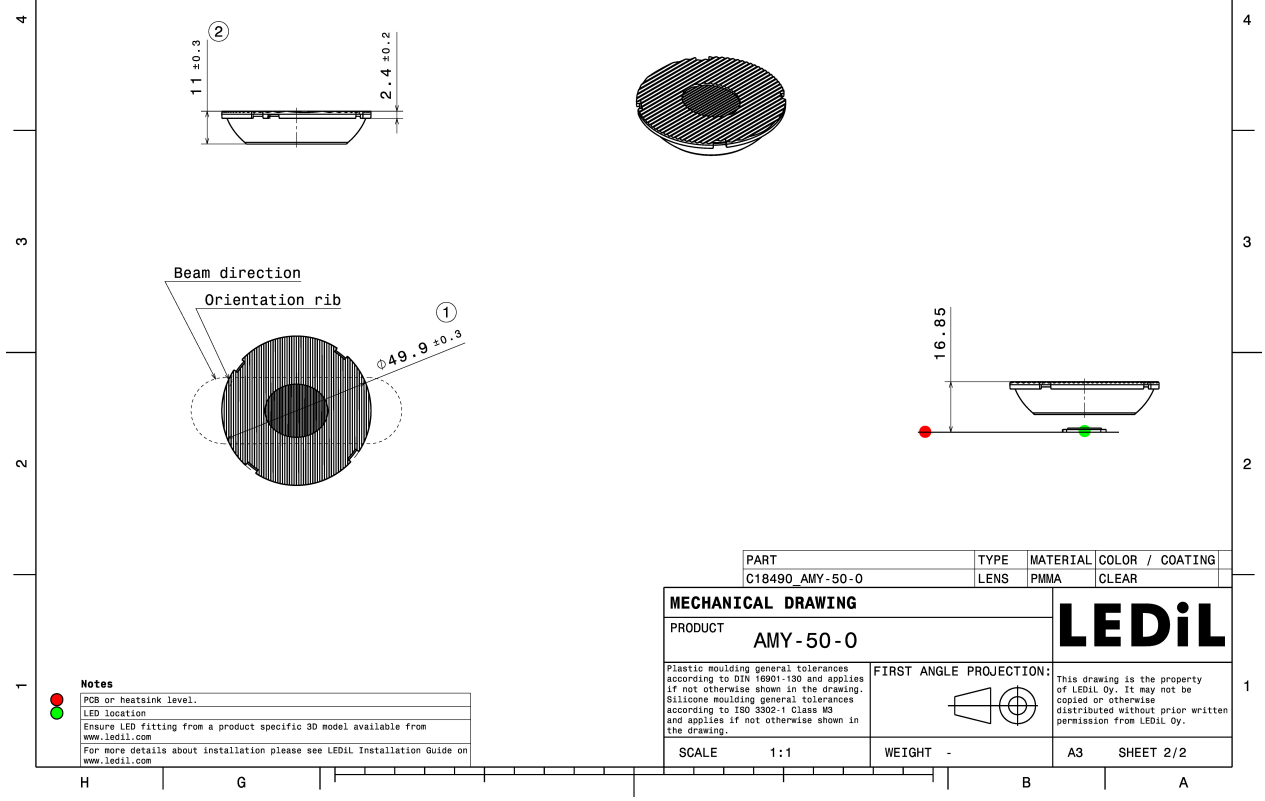
FIRST ANGLE PROJECTION:

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
C18490_AMY-50-O	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT: AMY-50-O

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 2/2

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

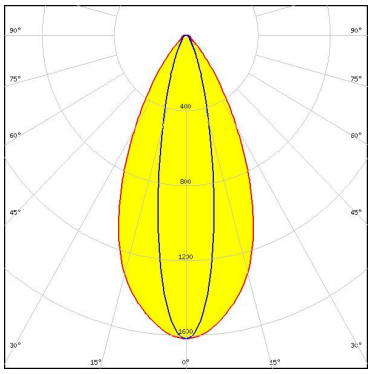
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OPTICAL RESULTS (MEASURED):

bridgelux

LED	BXRV-D10-RGBW2000-A3
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	51.0 + 22.0° / 85.0 + 50.0°
Efficiency	78 %
Peak intensity	1.6 cd/lm
LEDs/each optic	28
Light colour/type	RGBW
Required components:	
C19950_HEKLA-SOCKET-RZ	



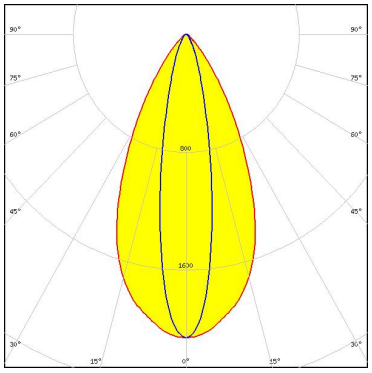


Light distribution files

CITIZEN

LED	CLU02Q-1204E1 Type-M
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	51.0 + 20.0° / 84.0 + 46.0°
Efficiency	88 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



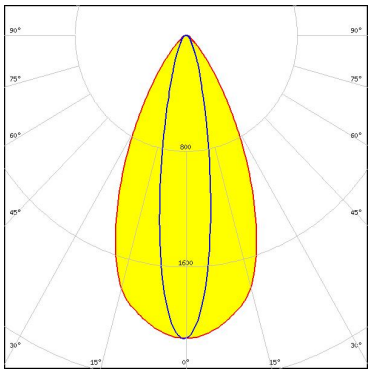


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19147_AMY-50-O-C2-WHT
FWHM / FWTM	52.0 + 20.0° / 84.0 + 47.0°
Efficiency	95 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	





Light distribution files

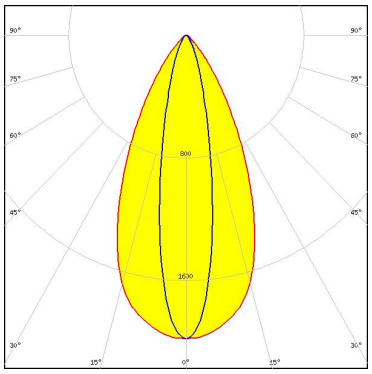
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	51.0 + 21.0° / 83.0 + 48.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



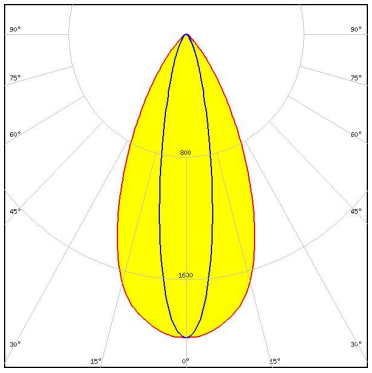


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	51.0 + 21.0° / 83.0 + 48.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	
BJB: 47.360.1020	

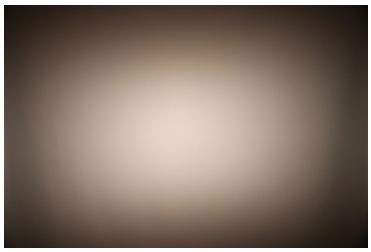


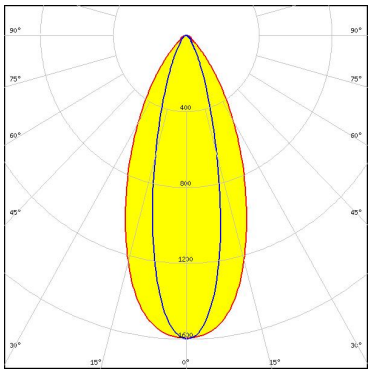


Light distribution files

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	47.0 + 26.0° / 87.0 + 56.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 442 Typ L8	





Light distribution files

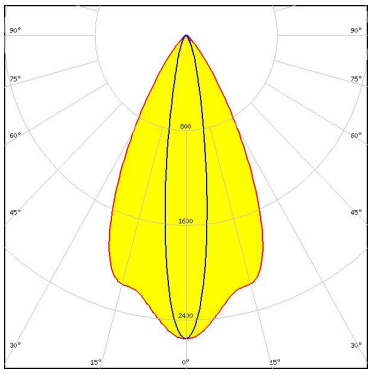
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OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM C TW L06A 1313 G7N
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	53.0 + 16.0° / 79.0 + 38.0°
Efficiency	89 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 508 Typ L8	



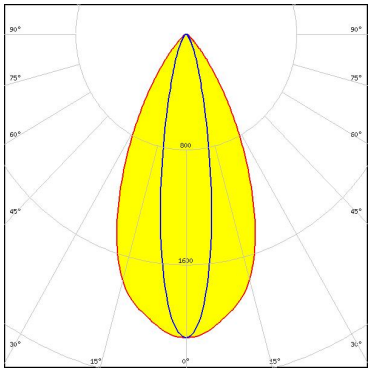


Light distribution files

PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	51.0 + 20.0° / 83.0 + 45.0°
Efficiency	88 %
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	





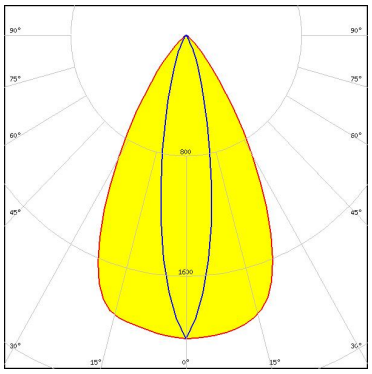
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V10 Gen 8-9
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 20.0° / 86.0 + 44.0°
Efficiency	92 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20758_HEKLA-KONNTAKT-C2	

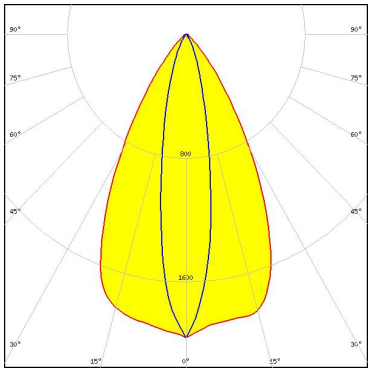


Light distribution files

bridgelux

LED	V10 Gen 8-9
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	57.0 + 20.0° / 85.0 + 45.0°
Efficiency	88 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

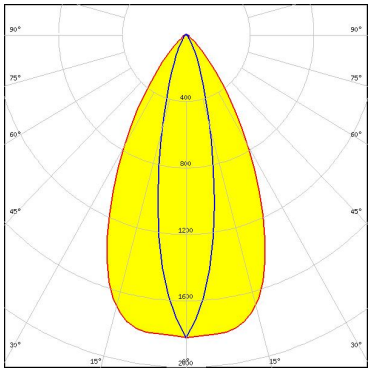
BJB: 47.360.1020



Light distribution files

bridgelux

LED	V11 HD Gen 8
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	56.0 + 24.0° / 88.0 + 48.0°
Efficiency	91 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20761_HEKLA-KONNTAKT-I3	



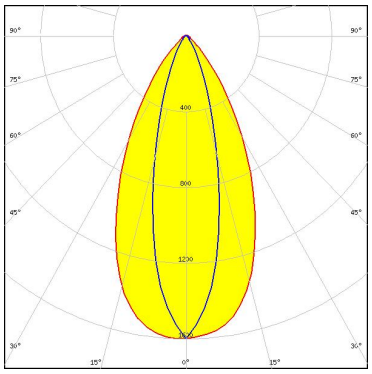
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

bridgelux

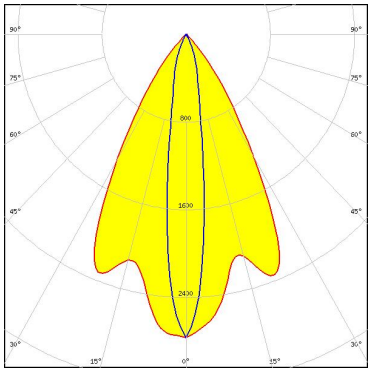
LED	V13 Gen 8-9
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	52.0 + 28.0° / 88.0 + 56.0°
Efficiency	89 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20760_HEKLA-KONNTAKT-I2	



Light distribution files

bridgelux

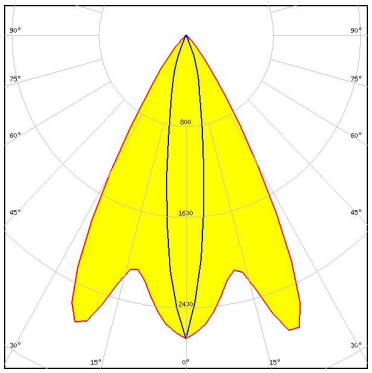
LED	V3 HD Gen 8
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 14.0° / 82.0 + 40.0°
Efficiency	92 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

LED	V3 HD Gen 8 FC
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	60.0 + 16.0° / 80.0 + 40.0°
Efficiency	94 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20759_HEKLA-KONNTAKT-C3	



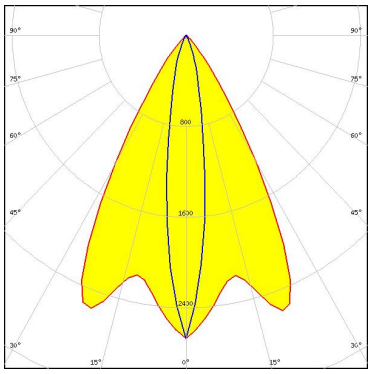
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

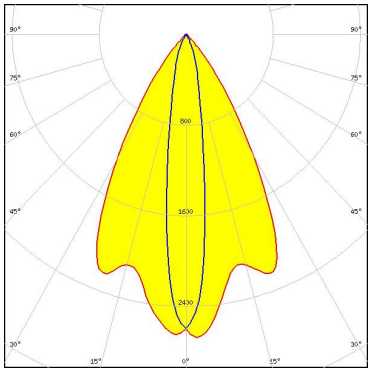
LED	V4 HD Gen 8
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	60.0 + 16.0° / 80.0 + 40.0°
Efficiency	93 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20762_HEKLA-KONNTAKT-A	



Light distribution files

bridgelux

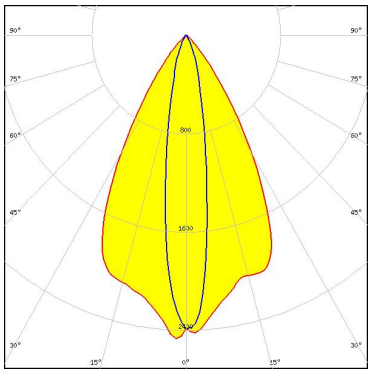
LED	V4 HD Gen 8
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 16.0° / 82.0 + 40.0°
Efficiency	92 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	



Light distribution files

bridgelux

LED	V6 HD Gen 8
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 16.0° / 83.0 + 41.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	



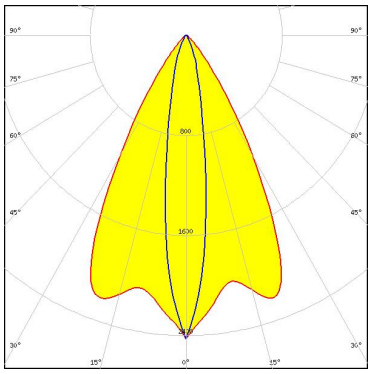
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

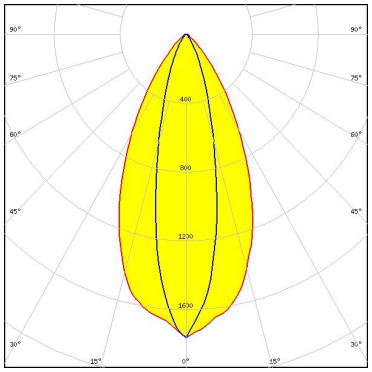
LED	V6 HD Gen 8
Ordering code	CP19147_AMY-50-O-C2-WHT
FWHM / FWTM	58.0 + 16.0° / 81.0 + 40.0°
Efficiency	93 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F19858_HEKLA-G2B-C3	



Light distribution files

bridgelux

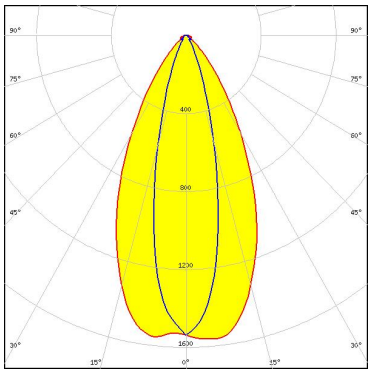
LED	VERO13
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	51.0 + 24.0° / 86.0 + 54.0°
Efficiency	88 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

bridgelux

LED	Vesta SE 13mm TW
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	52.0 + 26.0° / 88.0 + 50.0°
Efficiency	81 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



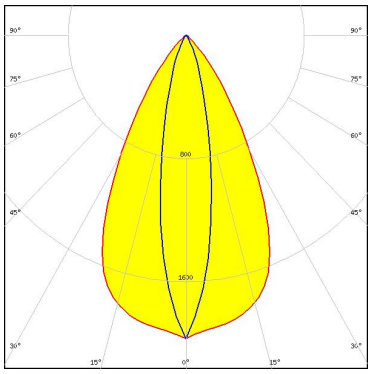
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

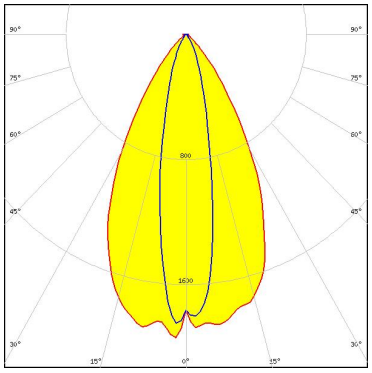
LED	CLU02Q-1204E1 Type-M
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	56.0 + 20.0° / 86.0 + 44.0°
Efficiency	91 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20675_HEKLA-KONNTAKT-C	



Light distribution files

CITIZEN

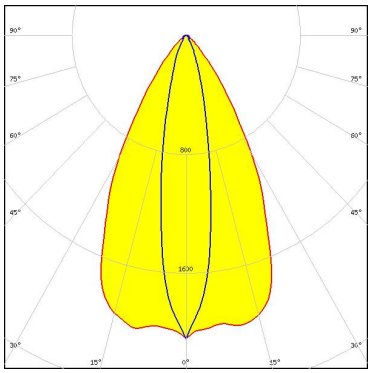
LED	CLU02x (LES10)
Ordering code	C18490_AMY-50-O
FWHM / FWTM	56.0 + 22.0° / 86.0 + 48.0°
Efficiency	91 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19147_AMY-50-O-C2-WHT
FWHM / FWTM	58.0 + 20.0° / 86.0 + 44.0°
Efficiency	95 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



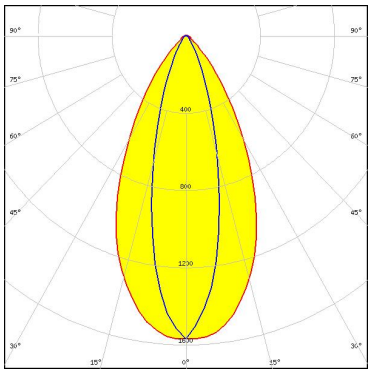
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

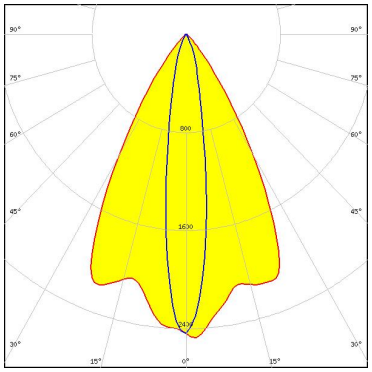
LED	CLU03Q-1210E1 Type-M
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	52.0 + 28.0° / 88.0 + 56.0°
Efficiency	89 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20752_HEKLA-KONNTAKT-I	



Light distribution files

CITIZEN

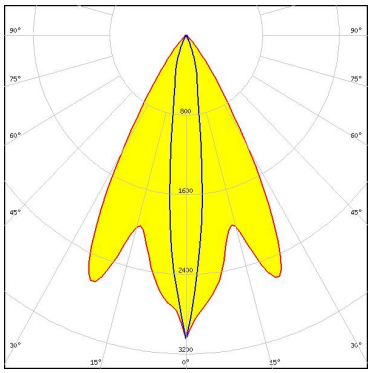
LED	CLU700/701/702/703
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 16.0° / 82.0 + 40.0°
Efficiency	89 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 12.0° / 78.0 + 38.0°
Efficiency	90 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

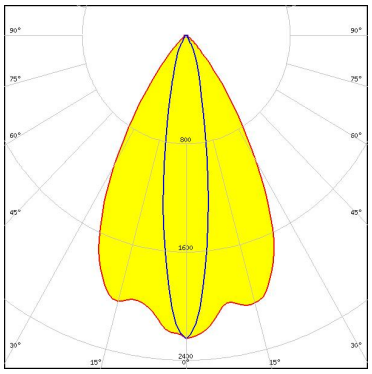
BJB: 47.360.1020

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

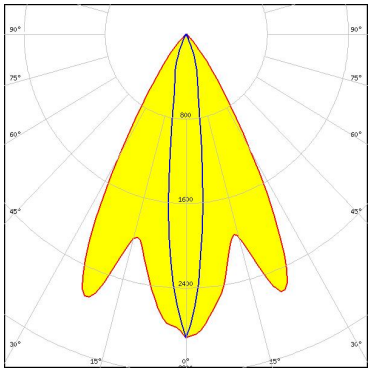
LED	CLU700/701/702/703
Ordering code	C18490_AMY-50-O
FWHM / FWTM	60.0 + 18.0° / 86.0 + 43.0°
Efficiency	92 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CITIZEN

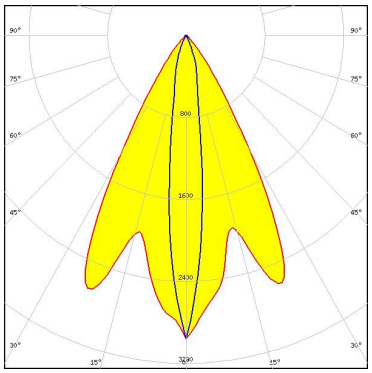
LED	CLU7B2
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 14.0° / 79.0 + 38.0°
Efficiency	90 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CITIZEN

LED	CLU7B2
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 14.0° / 78.0 + 38.0°
Efficiency	90 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1020

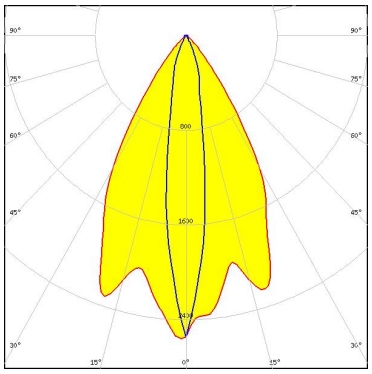
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CITIZEN

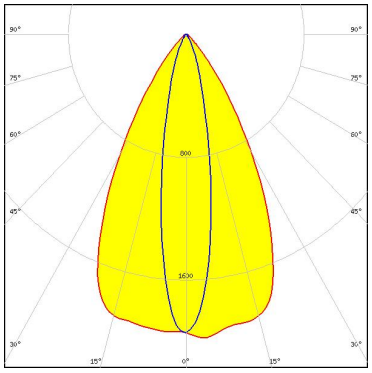
LED	CLU7B2
Ordering code	C18490_AMY-50-O
FWHM / FWTM	60.0 + 16.0° / 84.0 + 44.0°
Efficiency	93 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	



Light distribution files

CREE LEDs

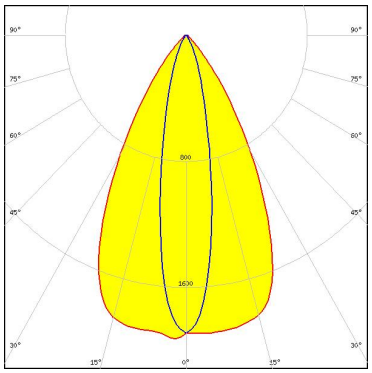
LED	CMB15xx
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 20.0° / 84.0 + 44.0°
Efficiency	88 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17436_HEKLA-G2-D	



Light distribution files

CREE LEDs

LED	CMU10xx
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 20.0° / 84.0 + 46.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

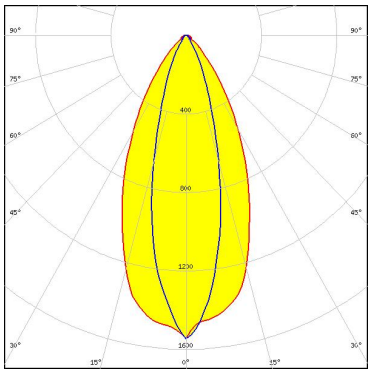
BJB: 47.360.1020

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	CMU15xx
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	50.0 + 27.0° / 88.0 + 56.0°
Efficiency	85 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

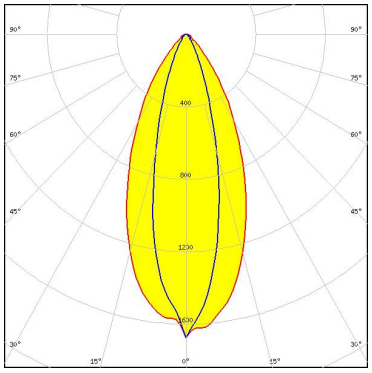


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	47.0 + 26.0° / 86.0 + 54.0°
Efficiency	87 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 637a Hekla

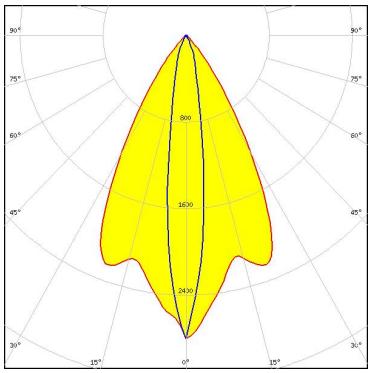


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S01H4
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 14.0° / 82.0 + 36.0°
Efficiency	91 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634c Bayonet35L



Light distribution files

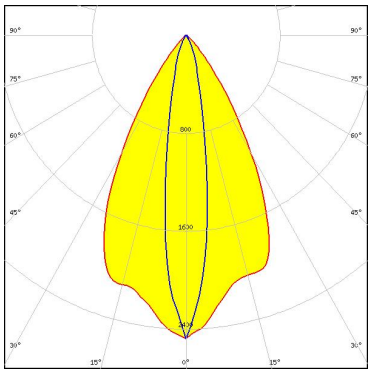
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON CX Plus CoB - HD S02H6
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 16.0° / 83.0 + 40.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

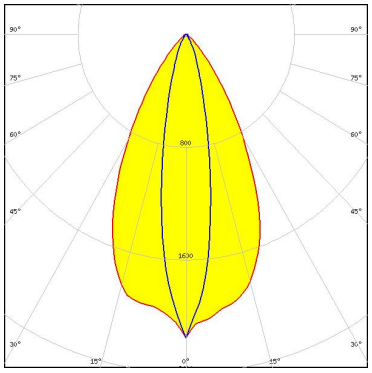
Bender Wirth: 634c Bayonet35L



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	54.0 + 20.0° / 84.0 + 44.0°
Efficiency	89 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

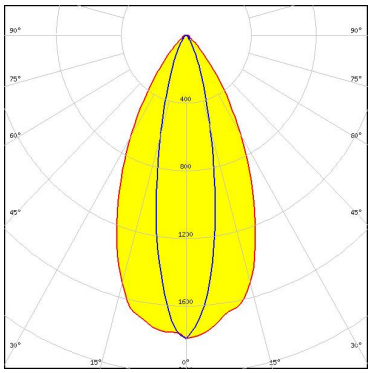


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	52.0 + 23.0° / 86.0 + 50.0°
Efficiency	87 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

F15254_HEKLA-SOCKET-B



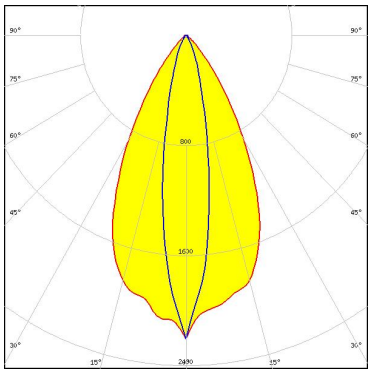
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

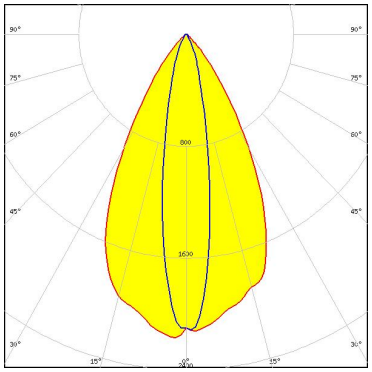
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	54.0 + 18.0° / 84.0 + 44.0°
Efficiency	89 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMINUS

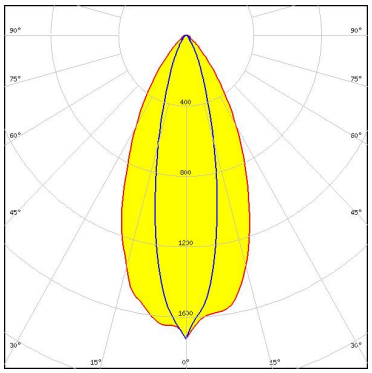
LED	CHM-11 XH (19x19)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	56.0 + 18.0° / 84.0 + 44.0°
Efficiency	89 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	48.0 + 24.0° / 86.0 + 52.0°
Efficiency	86 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

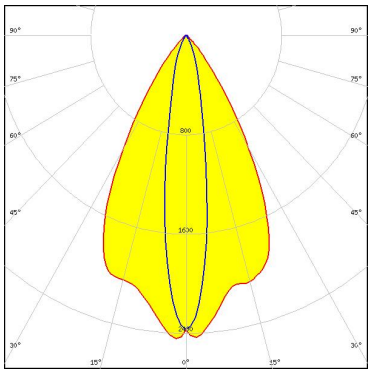
Bender Wirth: 442 Typ L8

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CTM-6 (Tunable White) Gen2
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	57.0 + 16.0° / 82.0 + 41.0°
Efficiency	90 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

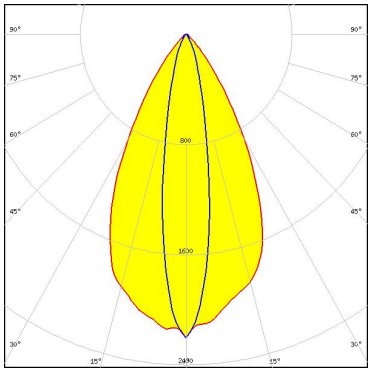


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CTM-9 (Tunable White) Gen2
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	54.0 + 18.0° / 82.0 + 43.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

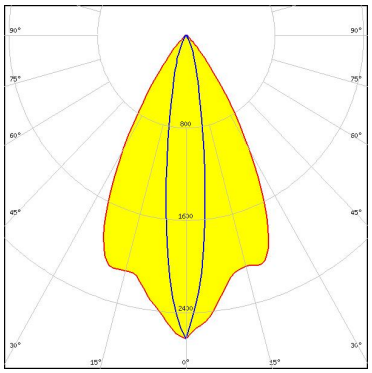


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	56.0 + 15.0° / 82.0 + 38.0°
Efficiency	90 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

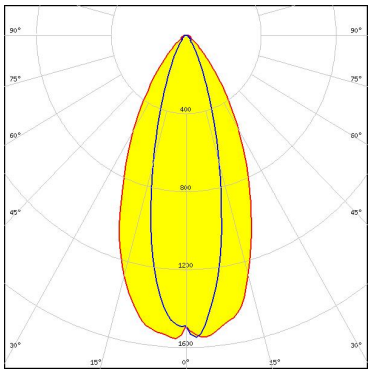
BJB: 47.360.1020

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

OPTICAL RESULTS (SIMULATED):

NICHIA

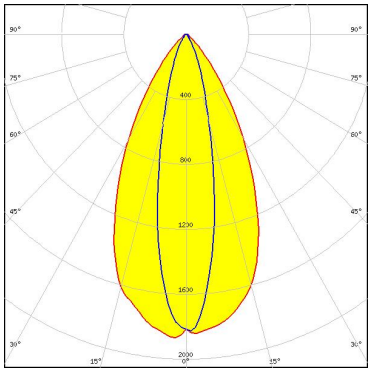
LED	COB J-Type
Ordering code	CP19126_AMY-50-WW-C2
FWHM / FWTM	50.0 + 28.0° / 88.0 + 56.0°
Efficiency	87 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

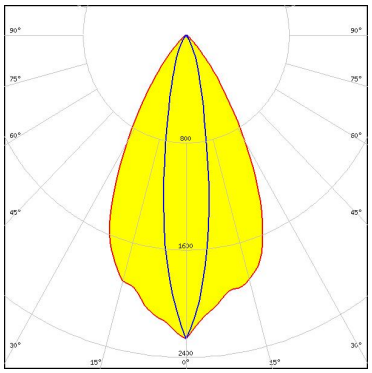
LED	COB L-Type (LES 11)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	54.0 + 22.0° / 86.0 + 49.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



Light distribution files

NICHIA

LED	COB L-Type (LES 9)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	55.0 + 18.0° / 84.0 + 43.0°
Efficiency	90 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



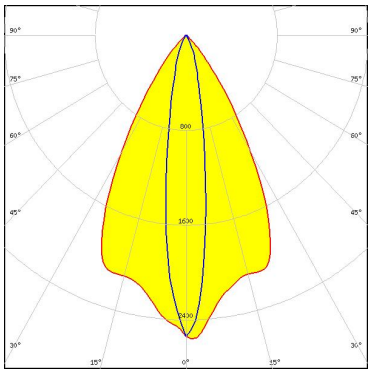
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	COB S-Type (LES 6)
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 16.0° / 82.0 + 40.0°
Efficiency	91 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

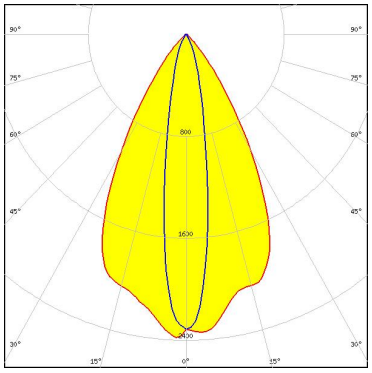


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 18.0° / 84.0 + 42.0°
Efficiency	90 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

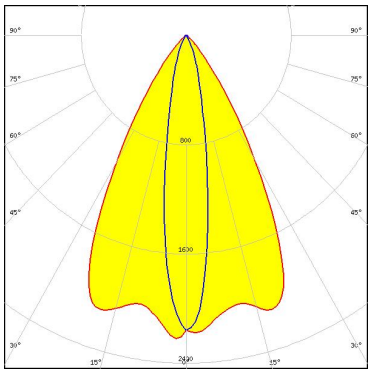


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	59.0 + 18.0° / 82.0 + 41.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652a Hekla

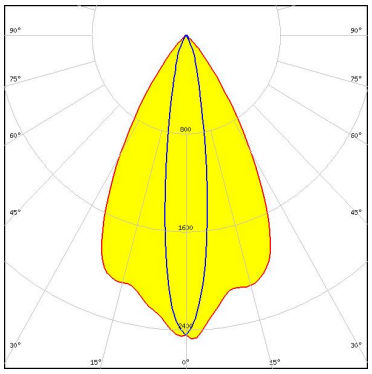
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	COB T-Type
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 16.0° / 84.0 + 40.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

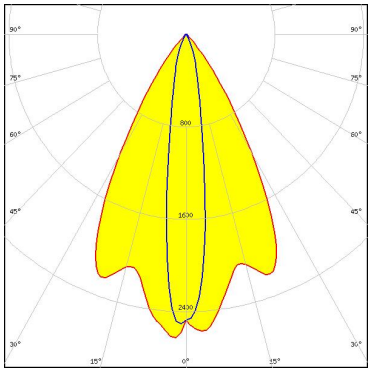
LED	NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	57.0 + 16.0° / 82.0 + 40.0°
Efficiency	89 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 16.0° / 80.0 + 40.0°
Efficiency	90 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

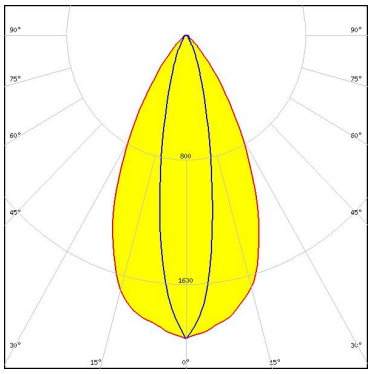
Bender Wirth: 495 Typ L8 HV

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

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	54.0 + 20.0° / 84.0 + 47.0°
Efficiency	88 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

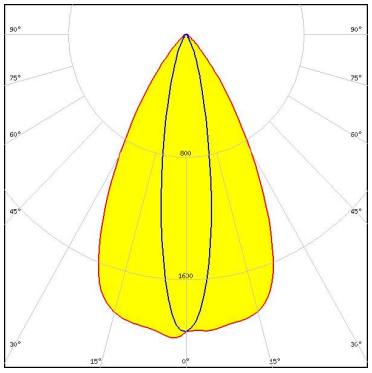


Light distribution files

Bender Wirth: 498 Typ L8 HV

PHILIPS

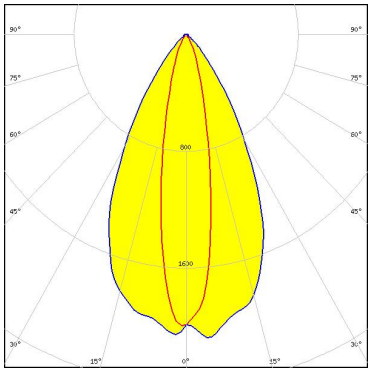
LED	Fortimo SLM L09 1313 CoB
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	58.0 + 20.0° / 85.0 + 44.0°
Efficiency	88 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20675_HEKLA-KONNTAKT-C	



Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	55.0 + 20.0° / 84.0 + 45.0°
Efficiency	89 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

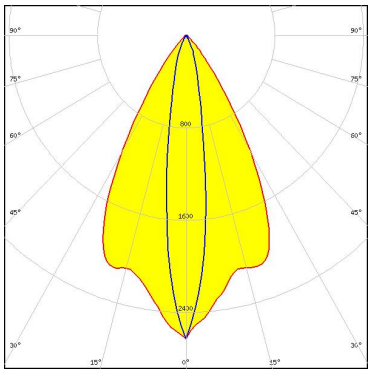
BJB: 47.360.1020

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC010C G2
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	58.0 + 16.0° / 81.0 + 38.0°
Efficiency	90 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

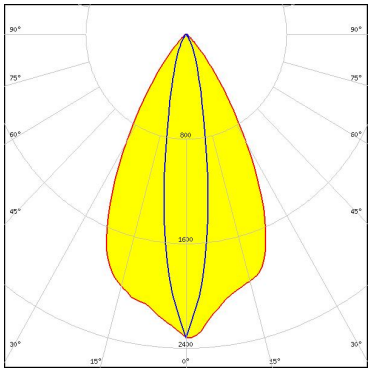


Light distribution files

BJB: 47.360.1020

SAMSUNG

LED	LC010T (Tunable White)
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	56.0 + 18.0° / 82.0 + 42.0°
Efficiency	89 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

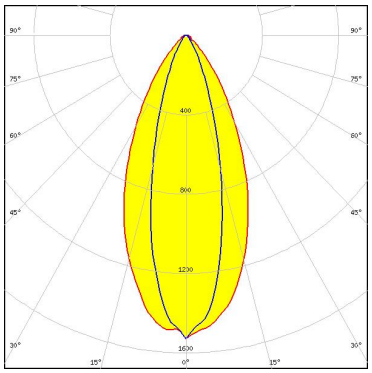


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	48.0 + 28.0° / 87.0 + 57.0°
Efficiency	83 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

BJB: 47.360.1010

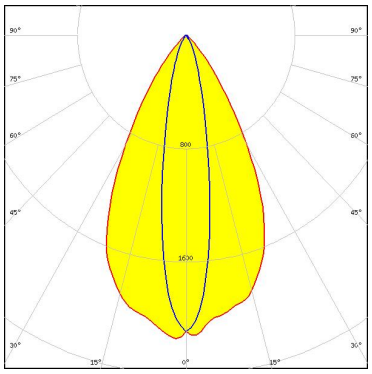
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OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC020C G2
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	56.0 + 19.0° / 84.0 + 44.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

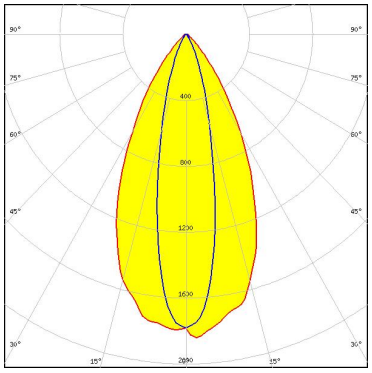


Light distribution files

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	52.0 + 23.0° / 84.0 + 50.0°
Efficiency	86 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

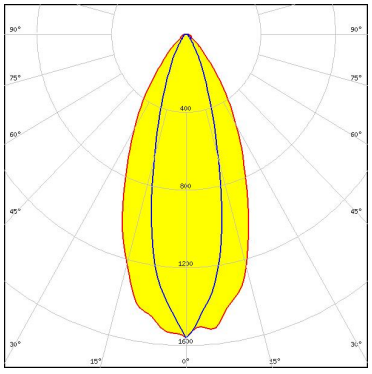
BJB: 47.360.1010



Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
Ordering code	CP19129_AMY-50-O-C2
FWHM / FWTM	48.0 + 27.0° / 88.0 + 57.0°
Efficiency	86 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



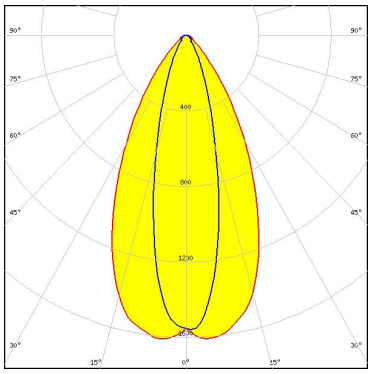
Light distribution files

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OPTICAL RESULTS (SIMULATED):

TRIDONIC

LED	SLE 13mm 3000lm xxx R ADV8
Ordering code	CP19158_AMY-50-O-B2-WHT
FWHM / FWTM	54.0 + 26.0° / 90.0 + 58.0°
Efficiency	94 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

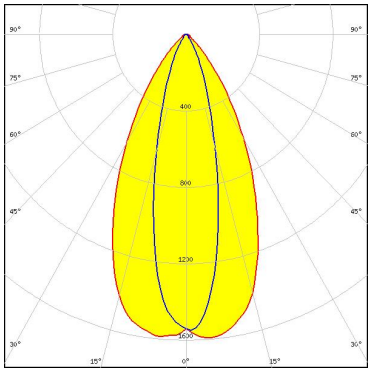


BJB: 47.360.1010

Light distribution files

TRIDONIC

LED	SLE 13mm 3000lm xxx R ADV8
Ordering code	CP19138_AMY-50-O-B2
FWHM / FWTM	54.0 + 26.0° / 88.0 + 54.0°
Efficiency	85 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

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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