AMY-70-O

~25 + 60° oval beam

SPECIFICATION:

Dimensions	Ø 69.9
Height	13 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

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

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ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18466_AMY-70-O	285	285	15	9.8
Assembly				
CP19655_AMY-70-O-B50-WHT	210	210	15	8.9
CP19647_AMY-70-O-B50	210	210	15	8.9
CP19120_AMY-70-O-B2-WHT	210	210	15	9.1
CP19111_AMY-70-O-C2-WHT	210	210	15	8.9
CP19104_AMY-70-O-B2	210	210	15	9.1
CP19044_AMY-70-O-C2	210	210	15	8.9

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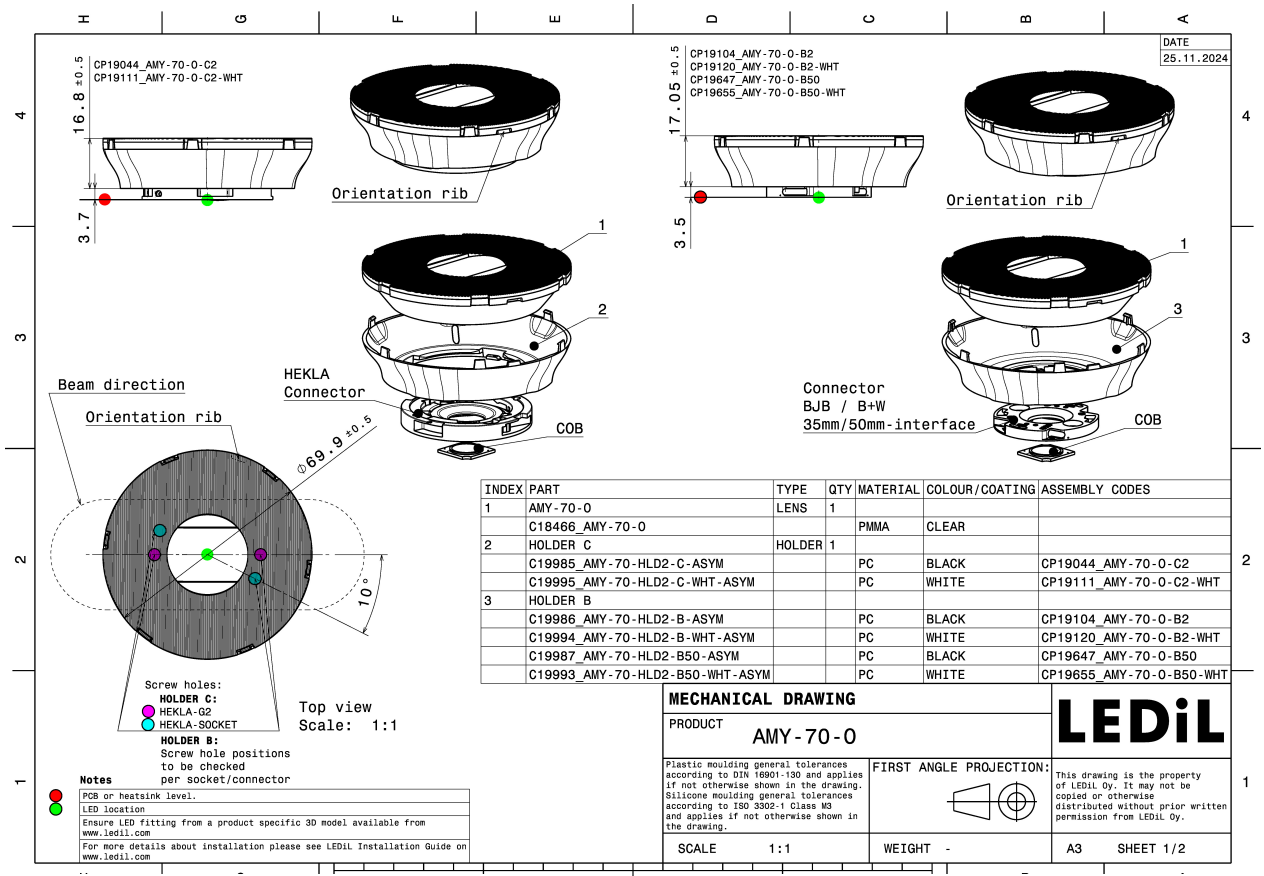
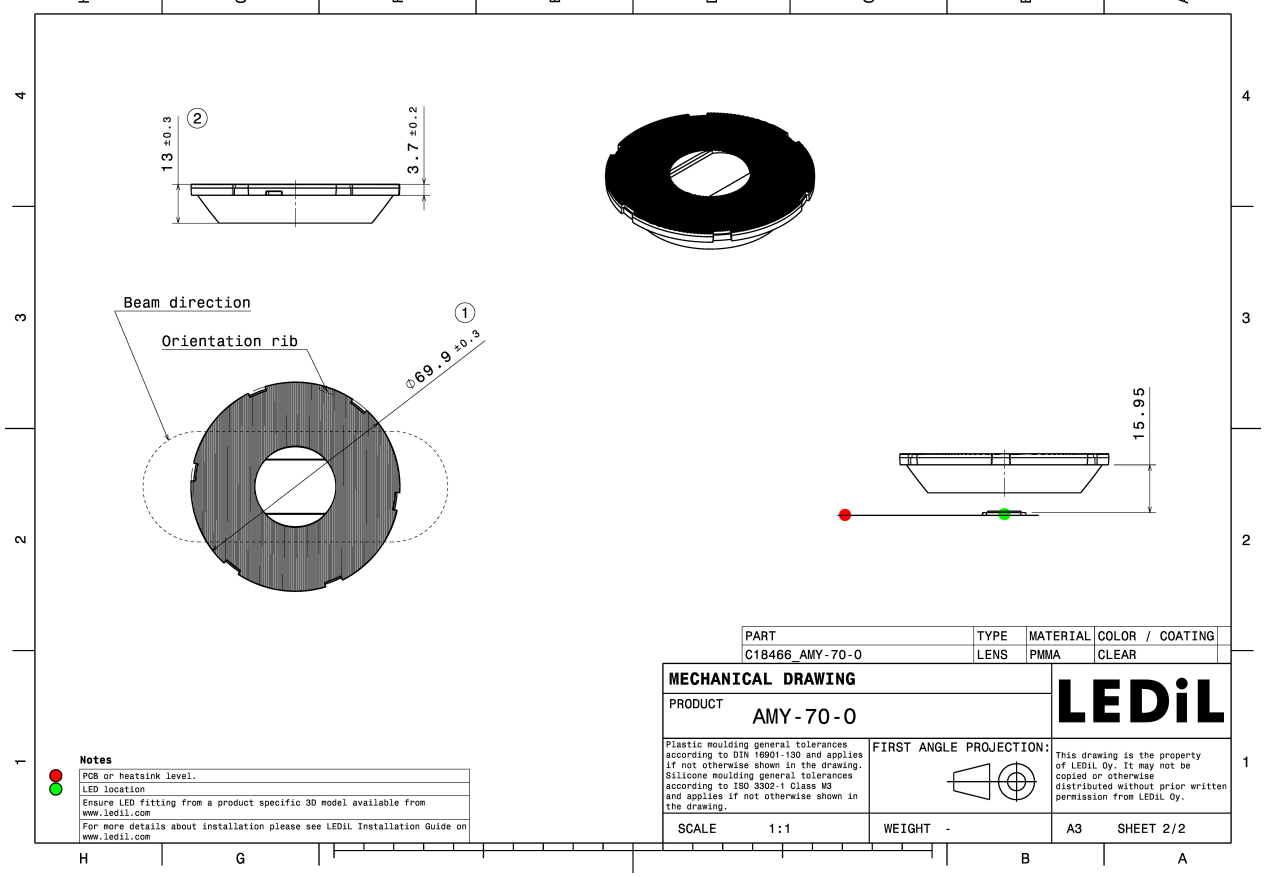


INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	AMY-70-O	LENS	1			
	C18466_AMY-70-O			PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C19985_AMY-70-HLD2-C-ASYM			PC	BLACK	CP19044_AMY-70-O-C2
	C19995_AMY-70-HLD2-C-WHT-ASYM			PC	WHITE	CP19111_AMY-70-O-C2-WHT
3	HOLDER B					
	C19986_AMY-70-HLD2-B-ASYM			PC	BLACK	CP19104_AMY-70-O-B2
	C19994_AMY-70-HLD2-B-WHT-ASYM			PC	WHITE	CP19120_AMY-70-O-B2-WHT
	C19987_AMY-70-HLD2-B50-ASYM			PC	BLACK	CP19647_AMY-70-O-B50
	C19993_AMY-70-HLD2-B50-WHT-ASYM			PC	WHITE	CP19655_AMY-70-O-B50-WHT



PART	TYPE	MATERIAL	COLOR / COATING
C18466_AMY-70-O	LENS	PMMA	CLEAR

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

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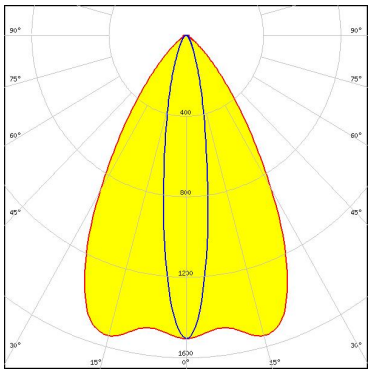
OPTICAL RESULTS (MEASURED):

bridgelux

LED	BXRV-D10-RGBW2000-A3
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 118.0° / 94.0 + 44.0°
Efficiency	75 %
Peak intensity	1.6 cd/lm
LEDs/each optic	28
Light colour/type	RGBW

Required components:
C19950_HEKLA-SOCKET-RZ

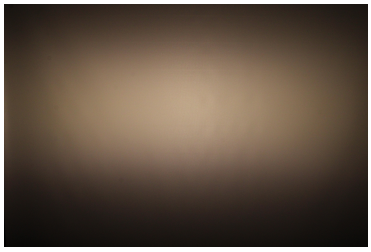


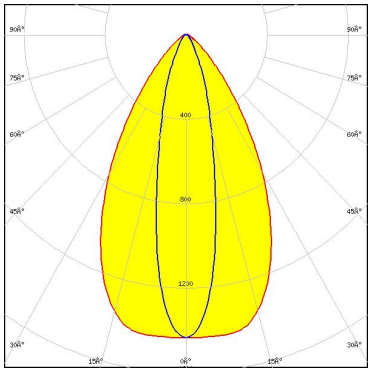
Light distribution files

bridgelux

LED	V13 Gen 8-9
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	60.0 + 23.0° / 96.0 + 53.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White

Required components:
F15859_HEKLA-SOCKET-I



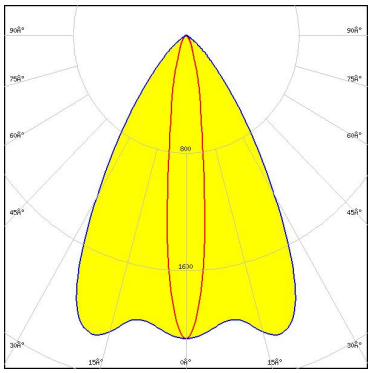


Light distribution files

bridgelux

LED	V9 HD Gen7
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	15.0 + 62.0° / 38.0 + 93.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White

Required components:
F15859_HEKLA-SOCKET-I



Light distribution files

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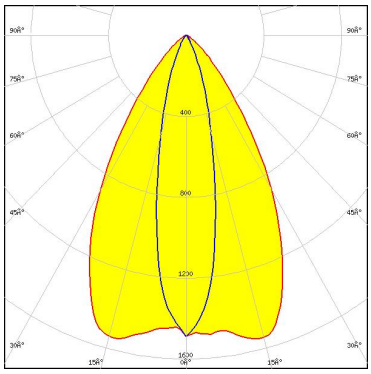
OPTICAL RESULTS (MEASURED):

CITIZEN

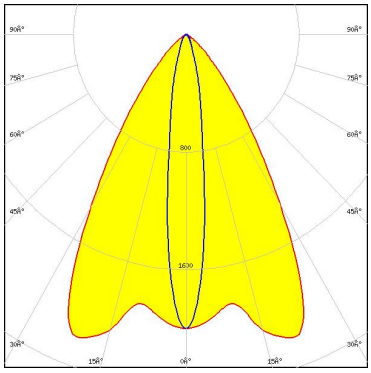
LED	CLU03x
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	23.0 + 63.0° / 52.0 + 97.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

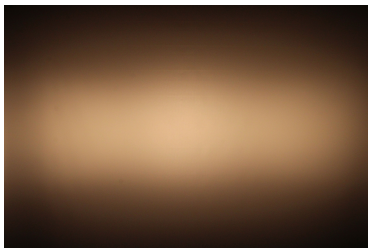
LED	CLU712/713
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	64.0 + 15.0° / 94.0 + 38.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

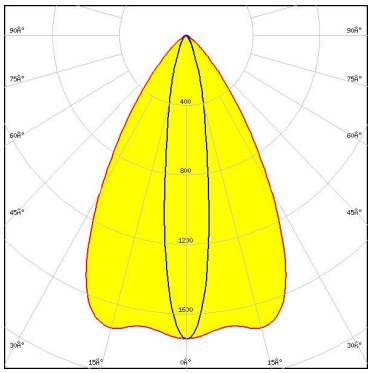


Light distribution files

CITIZEN

LED	CLU720/721/723
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 18.0° / 94.0 + 43.0°
Efficiency	83 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





Light distribution files

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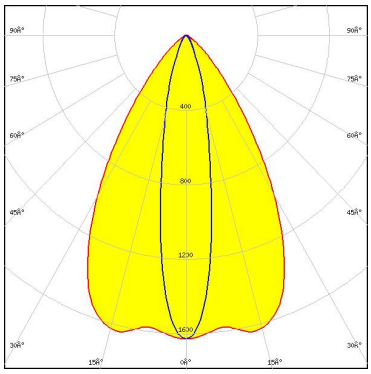
OPTICAL RESULTS (MEASURED):

CREE LEDs

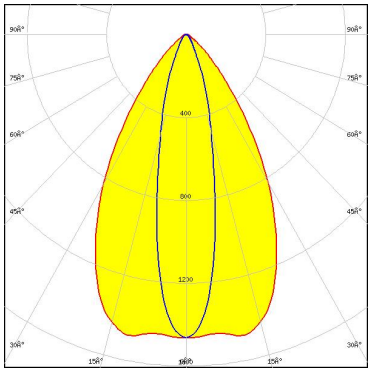
LED	CMA1825
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	65.0 + 20.0° / 97.0 + 47.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F15254_HEKLA-SOCKET-B	



Light distribution files

CREE LEDs

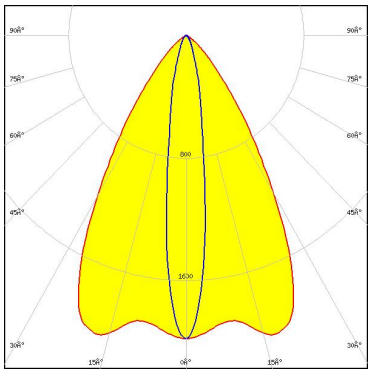
LED	CMT19xx
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 23.0° / 97.0 + 52.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

LUMILEDS

LED	LUXEON CoB 1204HD
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 15.0° / 93.0 + 39.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



Light distribution files

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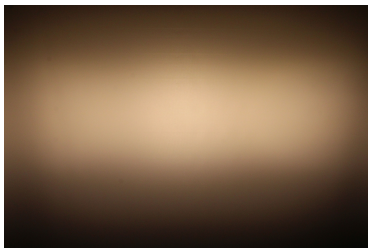
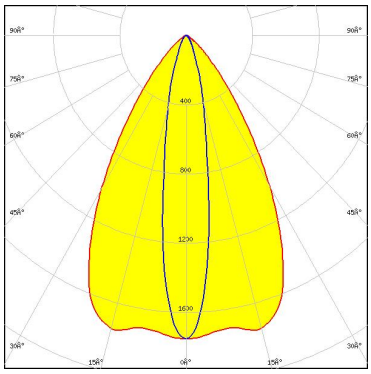
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON CoB 1205HD
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 18.0° / 94.0 + 44.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	

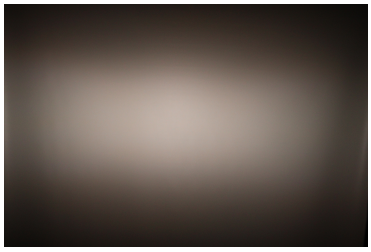


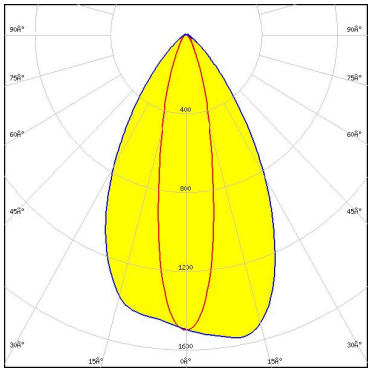


Light distribution files

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	22.0 + 61.0° / 51.0 + 95.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 442 Typ L8	

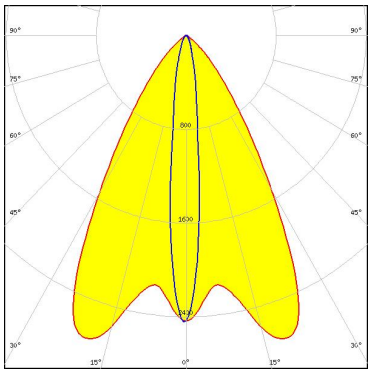




Light distribution files

PHILIPS

LED	Fortimo SLM C TW L06A 1313 G7N
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	61.0 + 12.0° / 92.0 + 32.0°
Efficiency	89 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 508 Typ L8	



Light distribution files

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OPTICAL RESULTS (MEASURED):

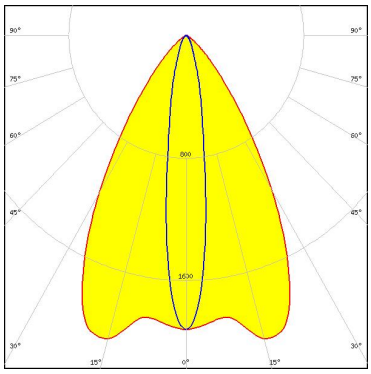
PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 16.0° / 93.0 + 40.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:

C16142_HEKLA-SOCKET-K

Bender Wirth: 501 Typ L8



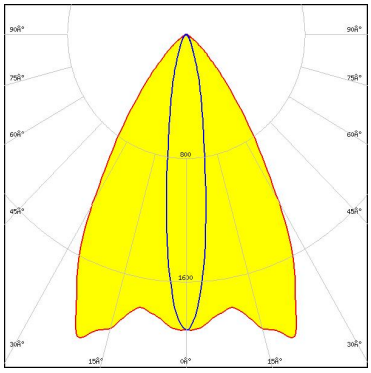
Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 16.0° / 93.0 + 40.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White

Required components:

F17435_HEKLA-G2-C



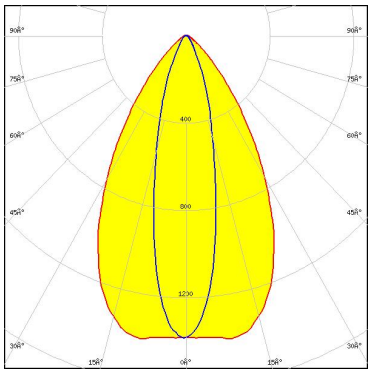
Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 24.0° / 98.0 + 54.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	White

Required components:

F17438_HEKLA-G2-I



Light distribution files

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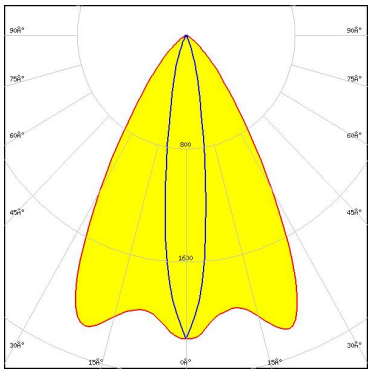
OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V10 Gen 8-9
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 16.0° / 94.0 + 37.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15255_HEKLA-SOCKET-C	

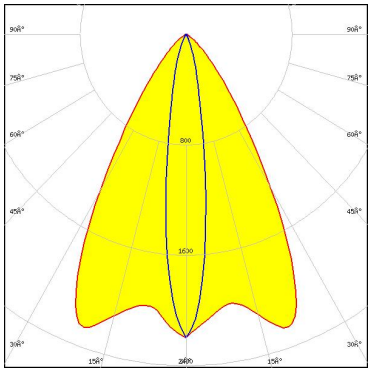


Light distribution files

bridgelux

LED	V10 Gen 8-9
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 16.0° / 91.0 + 37.0°
Efficiency	89 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

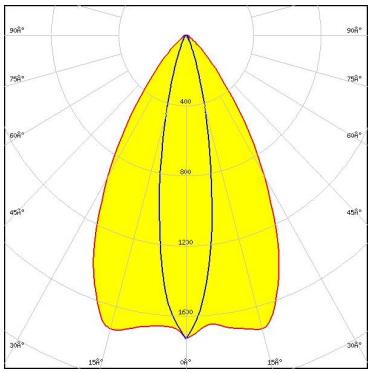
BJB: 47.360.1020



Light distribution files

bridgelux

LED	Vesta SE 13mm TW
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 20.0° / 92.0 + 42.0°
Efficiency	84 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

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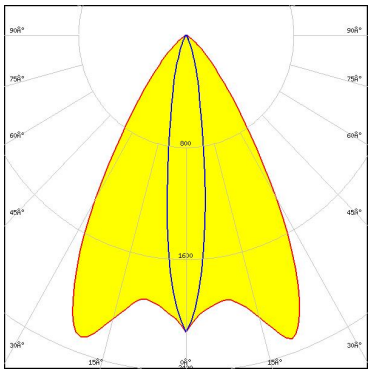
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 16.0° / 92.0 + 36.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

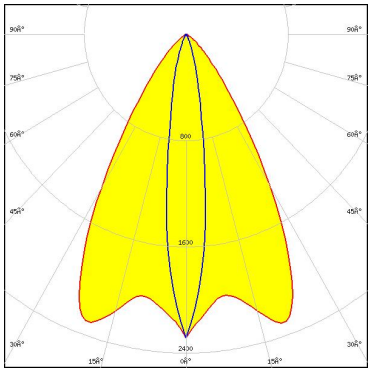


Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 16.0° / 92.0 + 36.0°
Efficiency	89 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

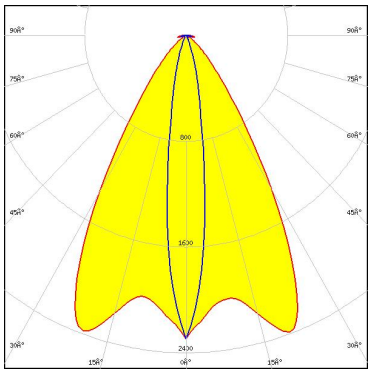
BJB: 47.360.1020



Light distribution files

CITIZEN

LED	CLU02x (LES10)
Ordering code	C18466_AMY-70-O
FWHM / FWTM	62.0 + 14.0° / 90.0 + 35.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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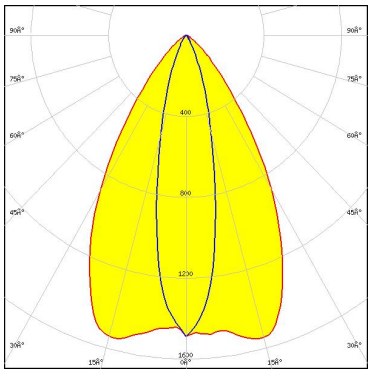
OPTICAL RESULTS (SIMULATED):

CITIZEN

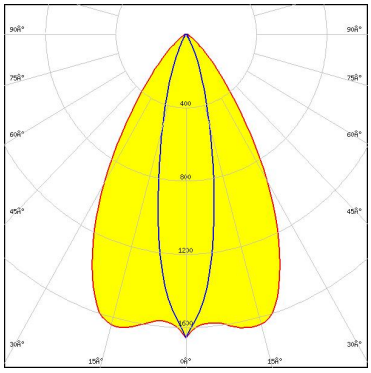
LED	CLU03x
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	64.0 + 23.0° / 96.0 + 50.0°
Efficiency	84 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 22.0° / 94.0 + 48.0°
Efficiency	87 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

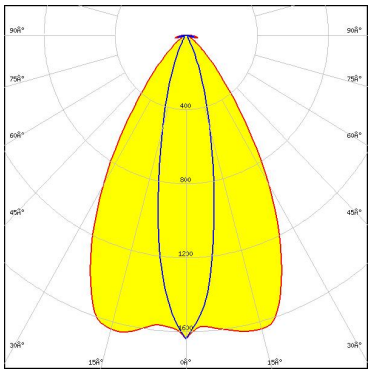


BJB: 47.360.1010

Light distribution files

CITIZEN

LED	CLU03x
Ordering code	C18466_AMY-70-O
FWHM / FWTM	64.0 + 22.0° / 94.0 + 48.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

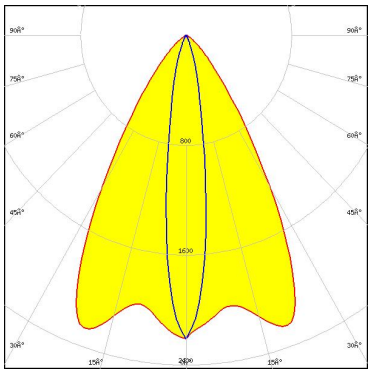
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	CMU10xx
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 16.0° / 91.0 + 36.0°
Efficiency	89 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

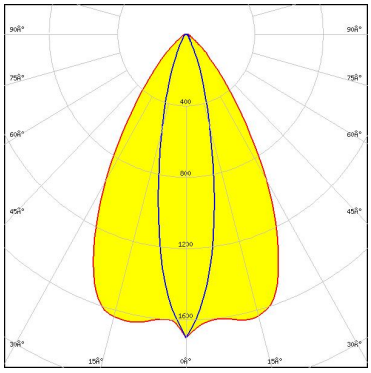
BJB: 47.360.1020



Light distribution files

CREE LEDs

LED	CMU15xx
FWHM / FWTM	62.0 + 22.0° / 95.0 + 48.0°
Efficiency	93 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	

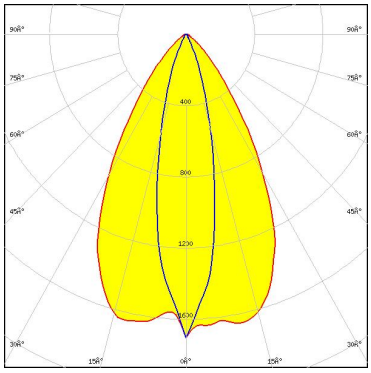


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 22.0° / 94.0 + 47.0°
Efficiency	90 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 637a Hekla



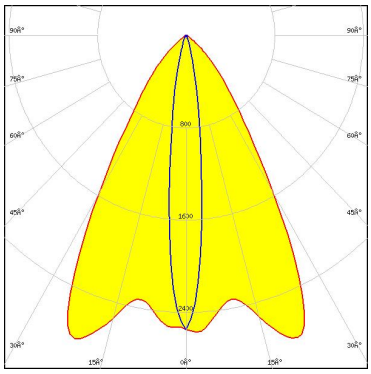
Light distribution files

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	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 13.0° / 93.0 + 30.0°
Efficiency	91 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

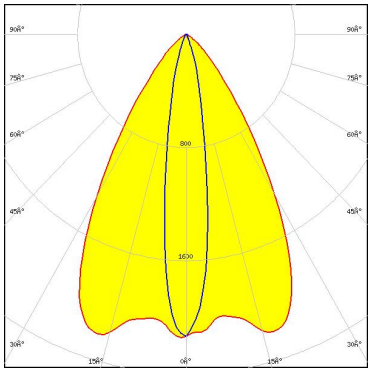


Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB - HD S04H9
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	64.0 + 16.0° / 94.0 + 36.0°
Efficiency	91 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

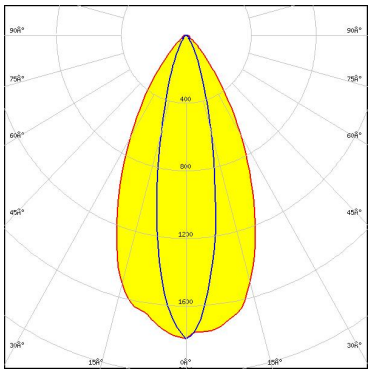
Bender Wirth: 634a Bayonet35L



Light distribution files

LUMILEDS

LED	LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code	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	



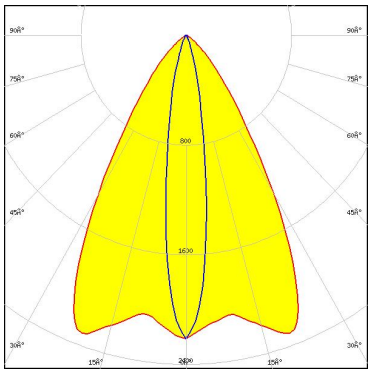
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMILEDS

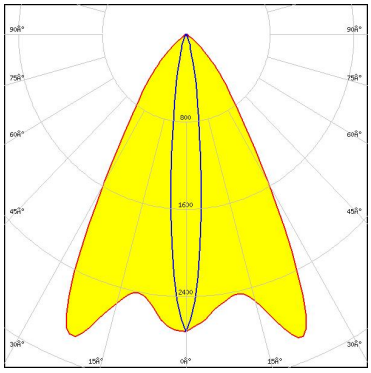
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 16.0° / 93.0 + 35.0°
Efficiency	91 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15256_HEKLA-SOCKET-D	



Light distribution files

LUMILEDS

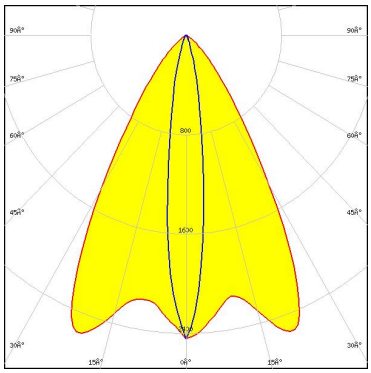
LED	LUXEON CX Plus CoB S01 (Gen2)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	61.0 + 12.0° / 92.0 + 29.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15956_HEKLA-SOCKET-J	



Light distribution files

LUMINUS

LED	CHM-11 XH (19x19)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 14.0° / 92.0 + 34.0°
Efficiency	92 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



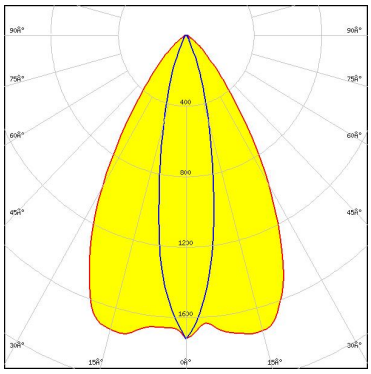
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CTM-14 (Tunable White) Gen2
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	64.0 + 22.0° / 94.0 + 46.0°
Efficiency	90 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

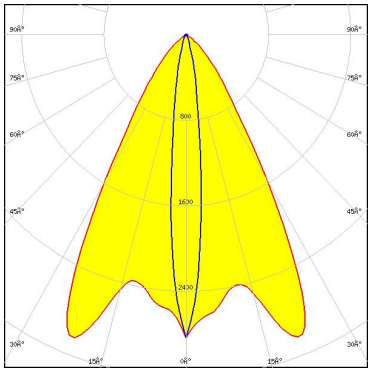


Light distribution files

Bender Wirth: 442 Typ L8

LUMINUS

LED	CTM-6 (Tunable White) Gen2
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	60.0 + 12.0° / 90.0 + 30.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

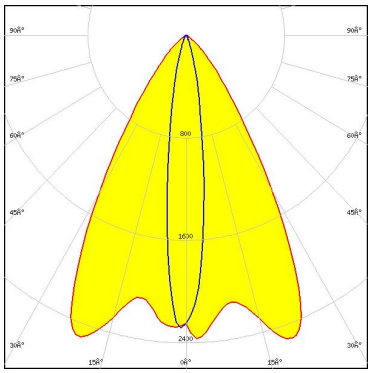


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

LED	CTM-9 (Tunable White) Gen2
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 15.0° / 90.0 + 34.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

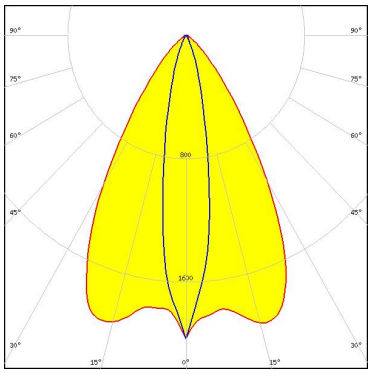
Bender Wirth: 495 Typ L8

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

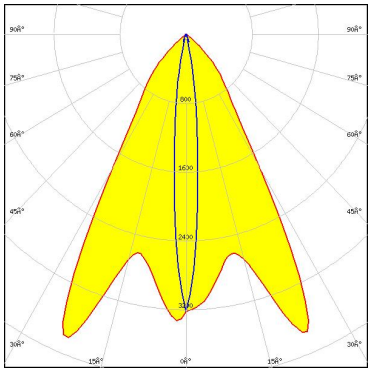
LED	CXM-11 (18.5x18.5)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 18.0° / 92.0 + 41.0°
Efficiency	89 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



Light distribution files

LUMINUS

LED	CXM-3
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	59.0 + 10.0° / 92.0 + 24.0°
Efficiency	92 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

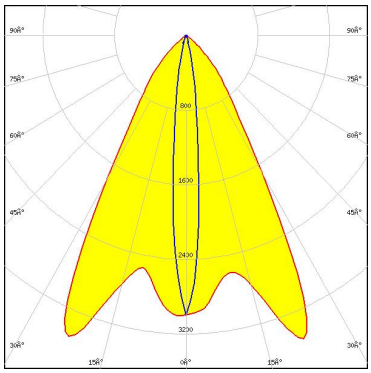


Bender Wirth: 634a Bayonet35L

Light distribution files

LUMINUS

LED	CXM-4
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	60.0 + 11.0° / 92.0 + 26.0°
Efficiency	91 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 634a Bayonet35L

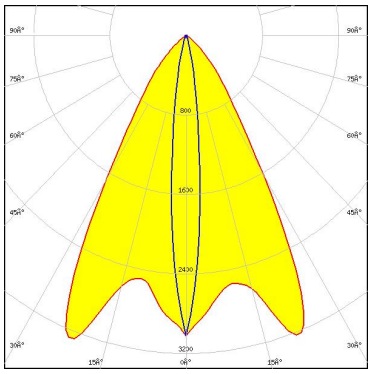
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	CxM-6 (13.5x13.5)
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	60.0 + 12.0° / 90.0 + 26.0°
Efficiency	91 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

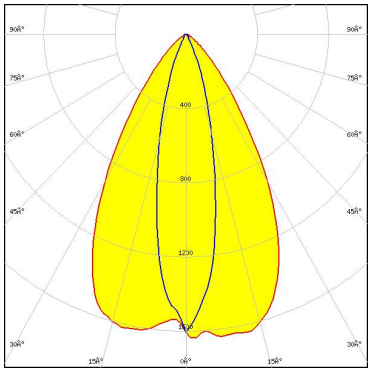


BJB: 47.360.1020

Light distribution files

NICHIA

LED	COB J-Type
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 24.0° / 96.0 + 48.0°
Efficiency	90 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

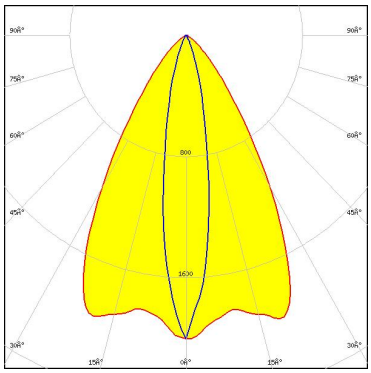


Bender Wirth: 663a Hekla XL

Light distribution files

NICHIA

LED	COB L-Type (LES 11)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	64.0 + 18.0° / 94.0 + 40.0°
Efficiency	91 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



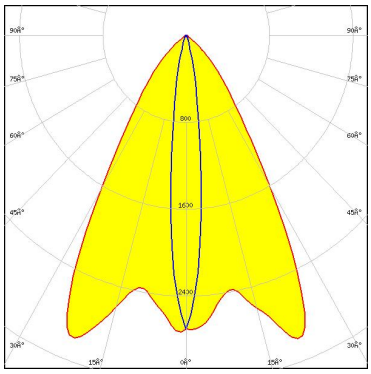
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

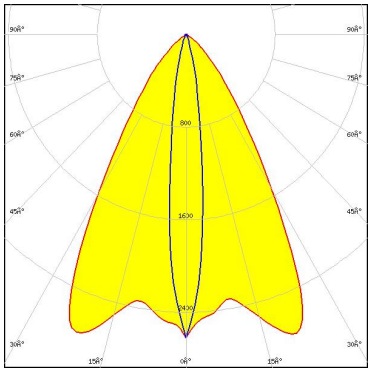
LED	COB S-Type (LES 6)
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 12.0° / 94.0 + 28.0°
Efficiency	91 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	COB S-Type (LES 7)
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 13.0° / 94.0 + 30.0°
Efficiency	91 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

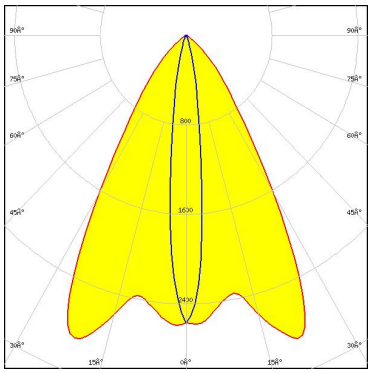


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

LED	COB T-Type
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 13.0° / 94.0 + 30.0°
Efficiency	91 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Bender Wirth: 652a Bayonet35L

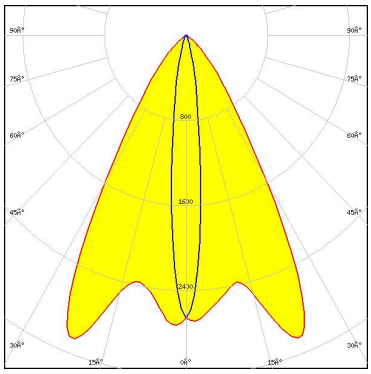
Light distribution files

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	CP19044_AMY-70-O-C2
FWHM / FWTM	60.0 + 12.0° / 88.0 + 30.0°
Efficiency	91 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

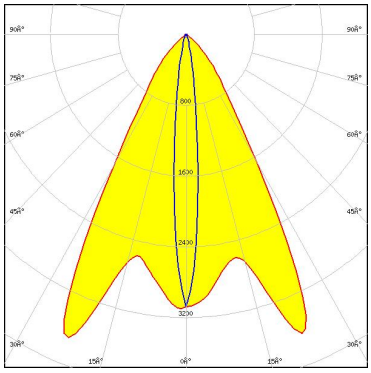


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	58.0 + 10.0° / 88.0 + 26.0°
Efficiency	92 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

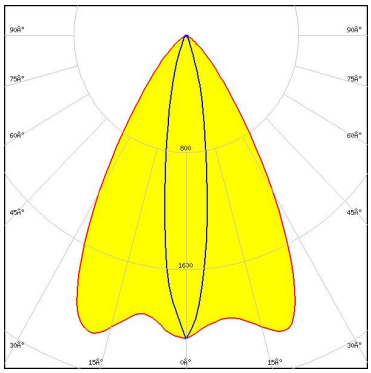


Light distribution files

Bender Wirth: 495 Typ L8 HV

NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 16.0° / 92.0 + 38.0°
Efficiency	91 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

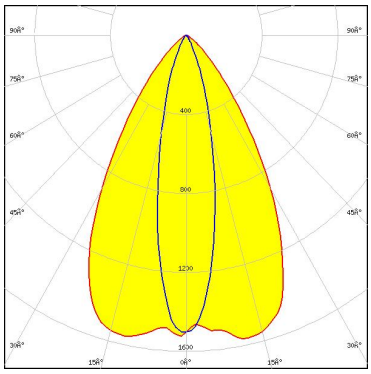
Bender Wirth: 498 Typ L8 HV

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	CP19044_AMY-70-O-C2
FWHM / FWTM	63.0 + 23.0° / 95.0 + 48.0°
Efficiency	84 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

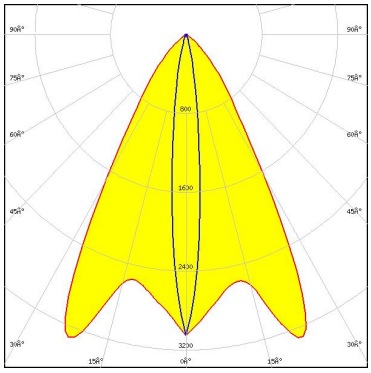


Light distribution files

Bender Wirth: 632a Hekla XL

SAMSUNG

LED	LC010C G2
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	60.0 + 12.0° / 90.0 + 26.0°
Efficiency	91 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

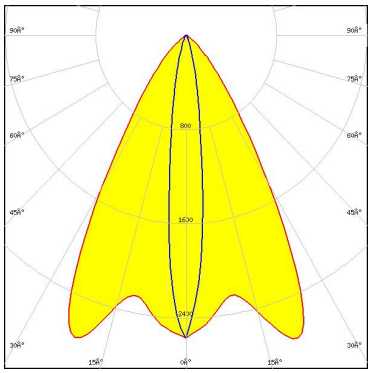


Light distribution files

BJB: 47.360.1020

SAMSUNG

LED	LC010T (Tunable White)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 14.0° / 90.0 + 32.0°
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: 501 Typ L8

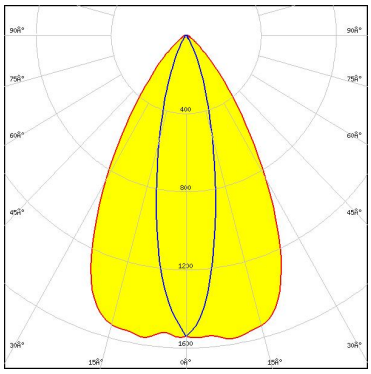
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 24.0° / 94.0 + 50.0°
Efficiency	86 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

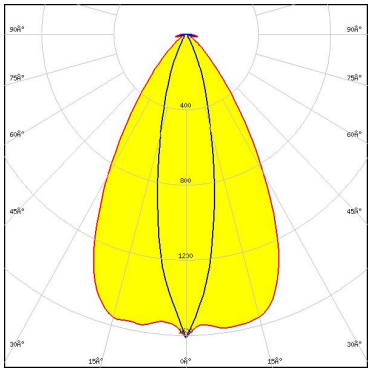
BJB: 47.360.1010



Light distribution files

SAMSUNG

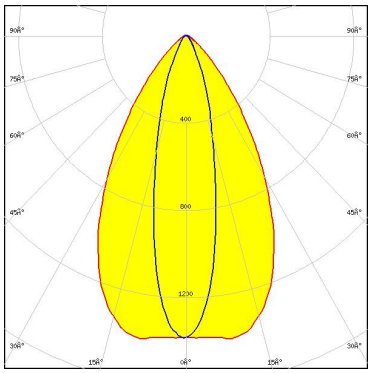
LED	LC016D / LC019D / LC026D / LC033D
Ordering code	C18466_AMY-70-O
FWHM / FWTM	62.0 + 22.0° / 94.0 + 50.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	64.0 + 24.0° / 96.0 + 53.0°
Efficiency	84 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



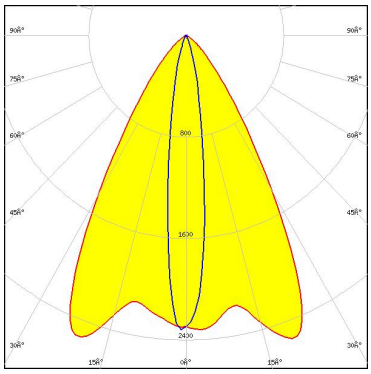
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC020C G2
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	62.0 + 14.0° / 91.0 + 34.0°
Efficiency	90 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

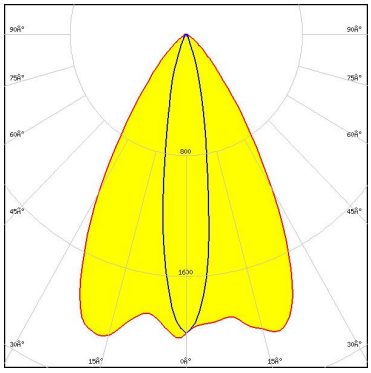


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED	LC020T (Tunable white)
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 18.0° / 92.0 + 40.0°
Efficiency	91 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	

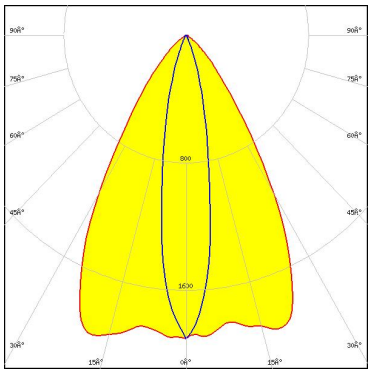


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED	LC030C/040C G2
Ordering code	CP19104_AMY-70-O-B2
FWHM / FWTM	63.0 + 19.0° / 94.0 + 40.0°
Efficiency	89 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



BJB: 47.360.1010

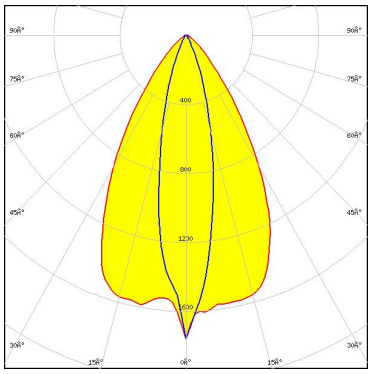
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

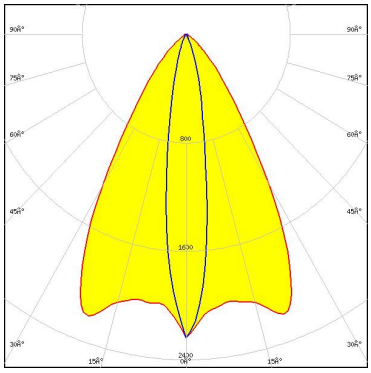
LED	MJT COB LES 14.5
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	60.0 + 22.0° / 93.0 + 48.0°
Efficiency	89 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

SEOUL SEMICONDUCTOR

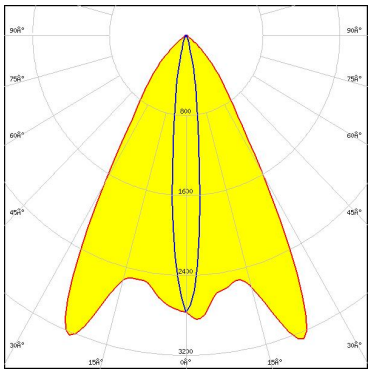
LED	MJT COB LES 6
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	62.0 + 16.0° / 93.0 + 36.0°
Efficiency	92 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	60.0 + 12.0° / 91.0 + 28.0°
Efficiency	92 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16142_HEKLA-SOCKET-K	



Light distribution files

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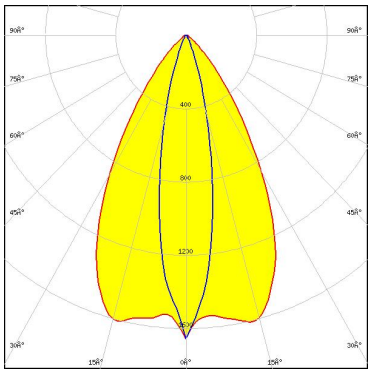
OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 14.5 mm
Ordering code	CP19044_AMY-70-O-C2
FWHM / FWTM	61.0 + 21.0° / 92.0 + 42.0°
Efficiency	80 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



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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