AMY-70-WWW

~80° wide beam



SPECIFICATION:

Dimensions	Ø 69.9
Height	0 mm
ROHS compliant	yes

MATERIALS:

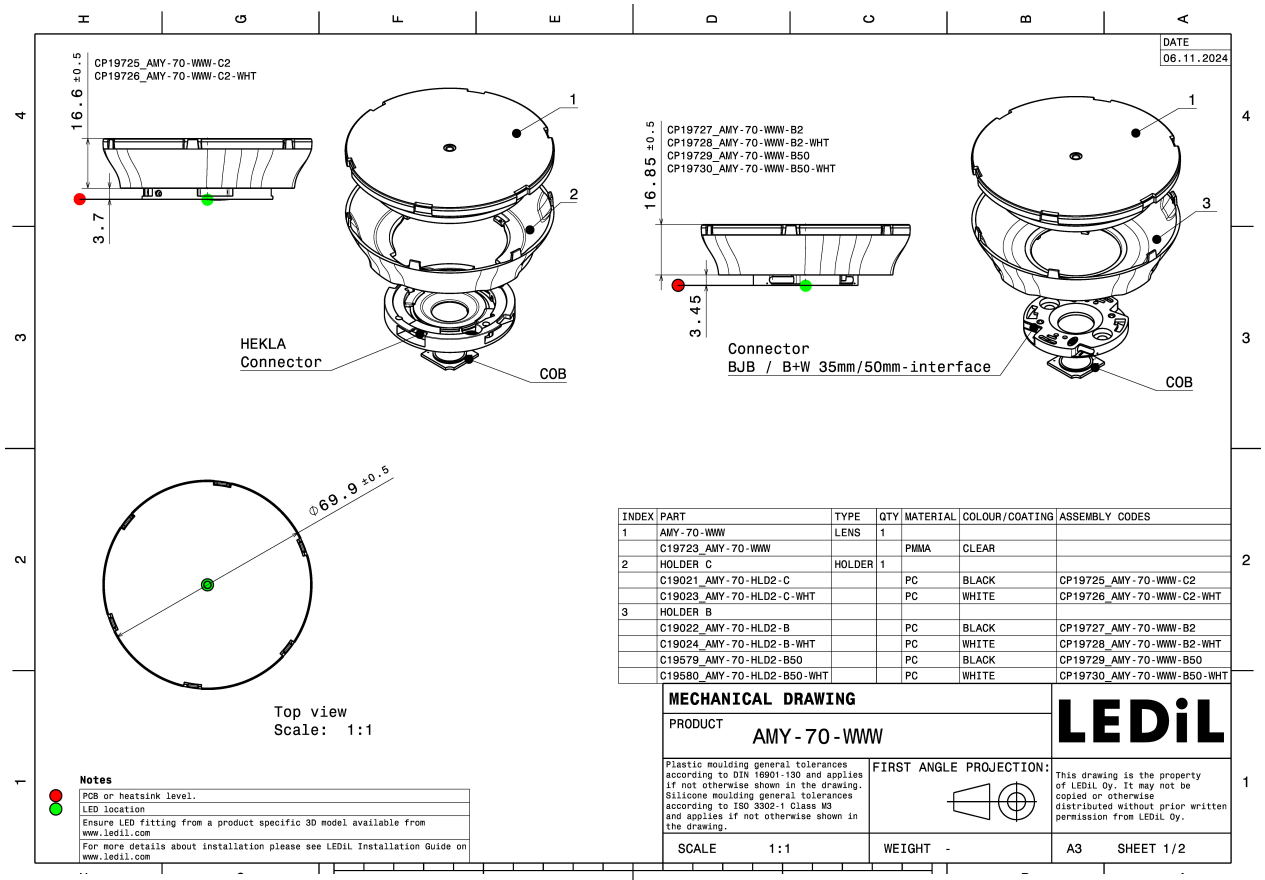
Component	Type	Material	Colour	Finish	Length (mm)
AMY-70-WWW	Single lens	PMMA	clear		
AMY-70-HLD2-C	Holder C	PC	black		
AMY-70-HLD2-C-WHT	Holder C	PC	white		
AMY-70-HLD2-B	Holder B	PC	black		
AMY-70-HLD2-B-WHT	Holder B	PC	white		
AMY-70-HLD2-B50	Holder B	PC	black		
AMY-70-HLD2-B50-WHT	Holder B	PC	white		

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)
C19723_AMY-70-WWW » Box size: 480 x 280 x 300 mm	285	285	15	10.3
CP19730_AMY-70-WWW-B50-WHT » Box size: 480 x 280 x 300 mm	210	210	15	9.4
CP19729_AMY-70-WWW-B50 » Box size: 480 x 280 x 300 mm	210	210	15	9.4
CP19728_AMY-70-WWW-B2-WHT » Box size: 480 x 280 x 300 mm	210	210	15	9.5
CP19727_AMY-70-WWW-B2 » Box size: 480 x 280 x 300 mm	210	210	15	9.5
CP19726_AMY-70-WWW-C2-WHT » Box size: 480 x 280 x 300 mm	210	210	15	9.3
CP19725_AMY-70-WWW-C2 » Box size: 480 x 280 x 300 mm	210	210	15	9.3

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INDEX	PART	TYPE	QTY	MATERIAL	COLOUR/COATING	ASSEMBLY CODES
1	AMY-70-WWW	LENS	1			
	C19723_AMY-70-WWW			PMMA	CLEAR	
2	HOLDER C	HOLDER	1			
	C19021_AMY-70-HLD2-C			PC	BLACK	CP19725_AMY-70-WWW-C2
	C19023_AMY-70-HLD2-C-WHT			PC	WHITE	CP19726_AMY-70-WWW-C2-WHT
3	HOLDER B					
	C19022_AMY-70-HLD2-B			PC	BLACK	CP19727_AMY-70-WWW-B2
	C19024_AMY-70-HLD2-B-WHT			PC	WHITE	CP19728_AMY-70-WWW-B2-WHT
	C19579_AMY-70-HLD2-B50			PC	BLACK	CP19729_AMY-70-WWW-B50
	C19580_AMY-70-HLD2-B50-WHT			PC	WHITE	CP19730_AMY-70-WWW-B50-WHT

MECHANICAL DRAWING

PRODUCT AMY-70-WWW

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

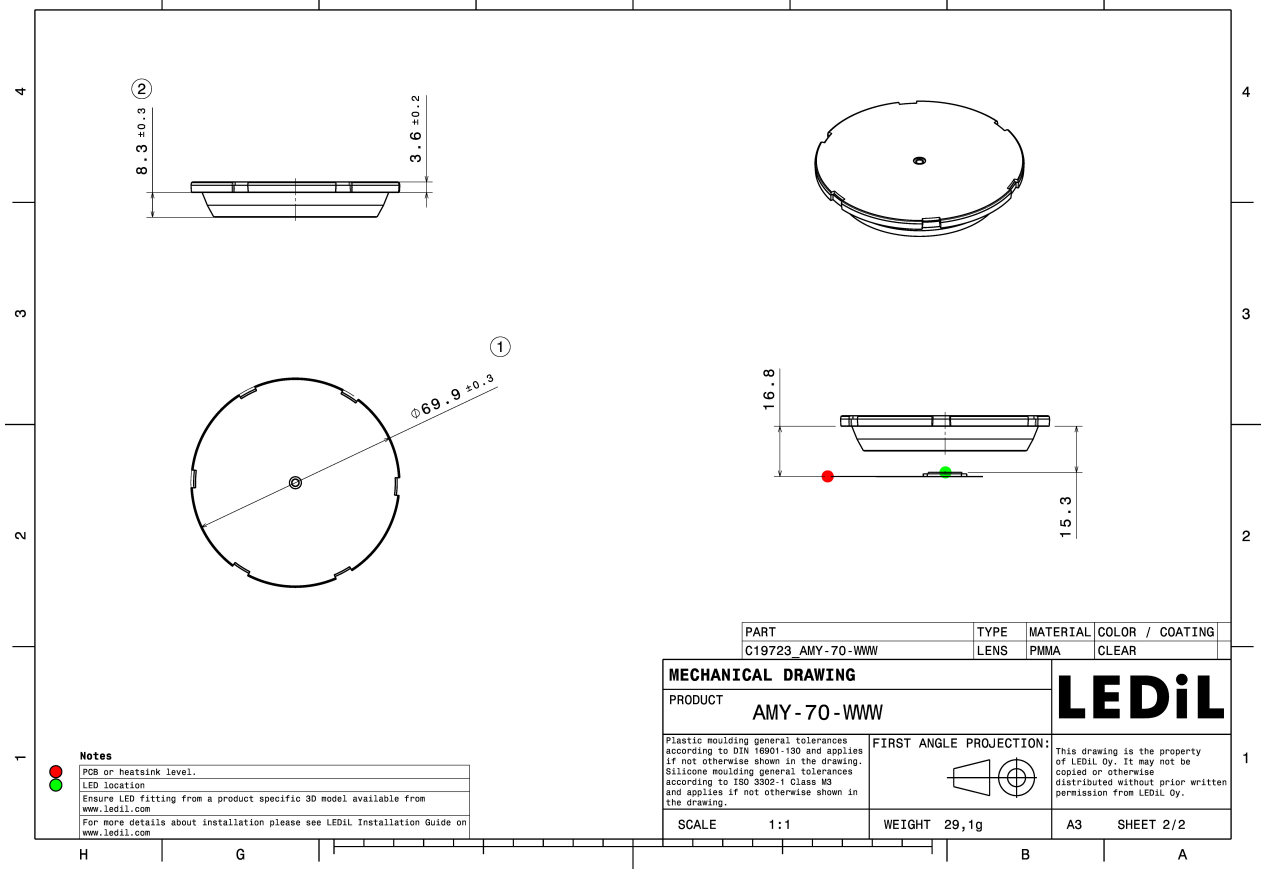
FIRST ANGLE PROJECTION:

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

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
C19723_AMY-70-WWW	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT AMY-70-WWW

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 29,1g | 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

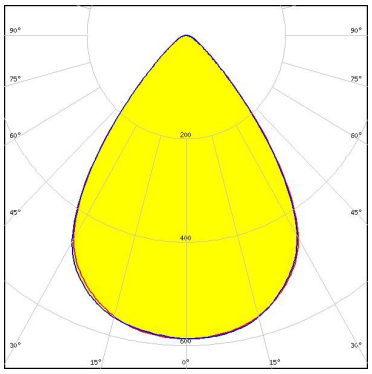
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OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU03Q-1210E1 Type-M
Ordering code	CP19725_AMY-70-WWW-C2
FWHM / FWTM	75.0° / 104.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	



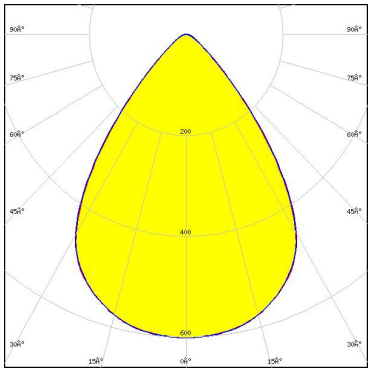


Light distribution files

CREE LEDs

LED	CMU15xx
Ordering code	CP19725_AMY-70-WWW-C2
FWHM / FWTM	75.0° / 103.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	





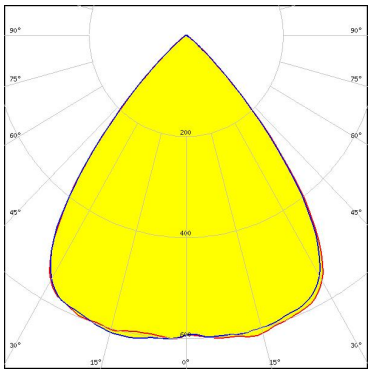
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

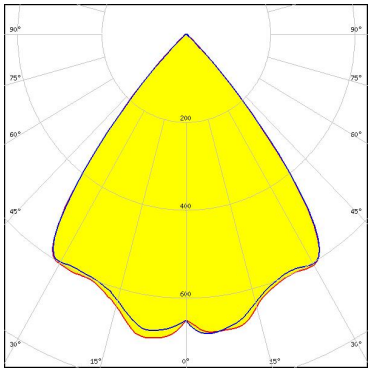
LED	V13 Gen 8-9
Ordering code	CP19725_AMY-70-WWW-C2
FWHM / FWTM	80.0° / 98.0°
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOCKET-I	



Light distribution files

PHILIPS

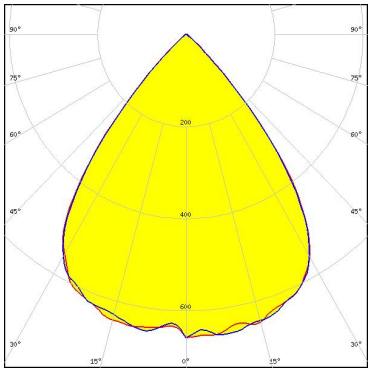
LED	Fortimo SLM L09 CoB
Ordering code	CP19725_AMY-70-WWW-C2
FWHM / FWTM	78.0° / 92.0°
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17437_HEKLA-G2-H	



Light distribution files

PHILIPS

LED	Fortimo SLM L15 CoB
Ordering code	CP19725_AMY-70-WWW-C2
FWHM / FWTM	78.0° / 95.0°
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

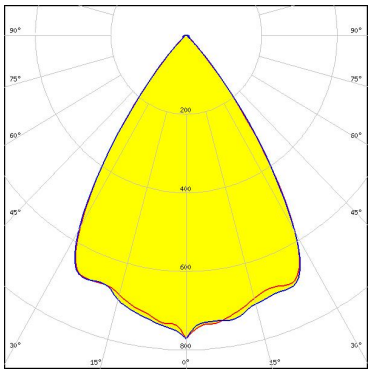
Bender Wirth: 632a Hekla XL

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OPTICAL RESULTS (SIMULATED):

TRIDONIC

LED	SLE G7 LES17 H
Ordering code	CP19729_AMY-70-WWW-B50
FWHM / FWTM	68.0° / 87.0°
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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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