OLGA-WAS

Asymmetric beam for wall-washing

SPECIFICATION:

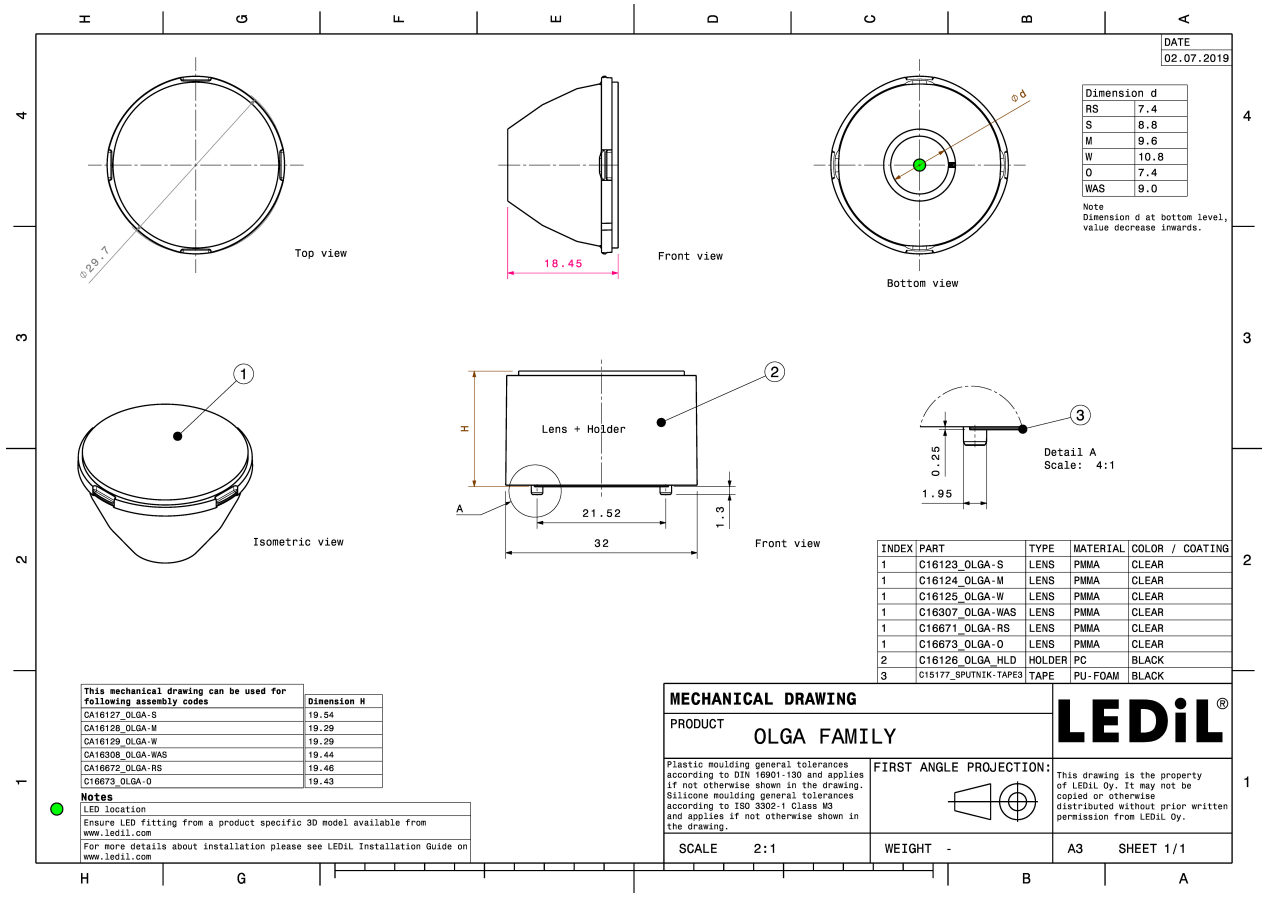
Dimensions	Ø 29.7
Height	17.3 mm
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
OLGA-WAS	Single lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16307_OLGA-WAS » Box size: 476 x 273 x 292 mm	792	132	66	6.5



INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C16123_OLGA-S	LENS	PMMA	CLEAR
1	C16124_OLGA-M	LENS	PMMA	CLEAR
1	C16125_OLGA-W	LENS	PMMA	CLEAR
1	C16307_OLGA-WAS	LENS	PMMA	CLEAR
1	C16671_OLGA-RS	LENS	PMMA	CLEAR
1	C16673_OLGA-O	LENS	PMMA	CLEAR
2	C16126_OLGA_HLD	HOLDER	PC	BLACK
3	C15177_SPUTNIK-TAPE3	TAPE	PU-FOAM	BLACK

This mechanical drawing can be used for following assembly codes	Dimension H
CA16127_OLGA-S	19.54
CA16128_OLGA-M	19.29
CA16129_OLGA-W	19.29
CA16308_OLGA-WAS	19.44
CA16672_OLGA-RS	19.46
C16673_OLGA-O	19.43

Notes

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

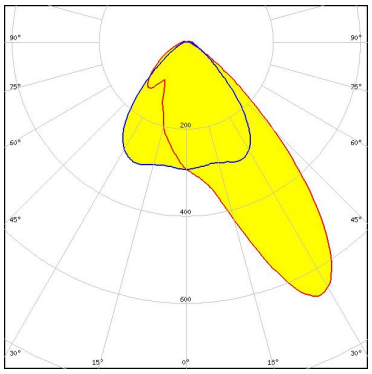
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

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

OPTICAL RESULTS (MEASURED):

bridgelux

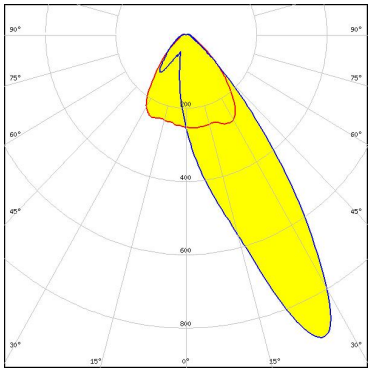
LED	Vesta TW 6mm DP
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

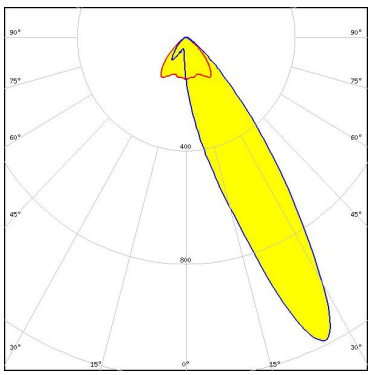
LED	CLU7B2
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

LED	CLU7L3
FWHM / FWTM	Asymmetric
Efficiency	71 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

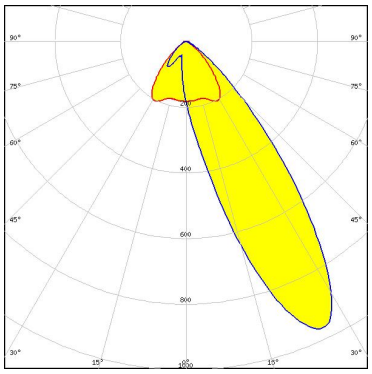


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

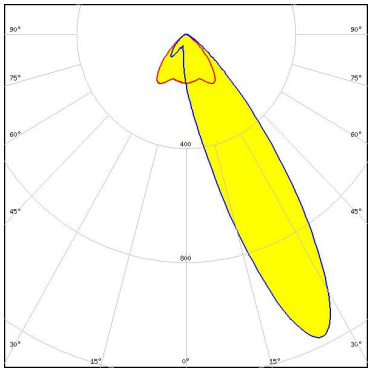
LED	CLU7R3
FWHM / FWTM	Asymmetric
Efficiency	70 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

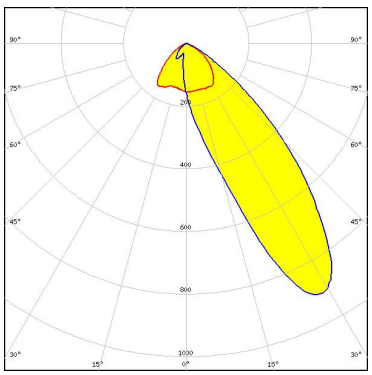
LED	CLU7S3
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP35 HD
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

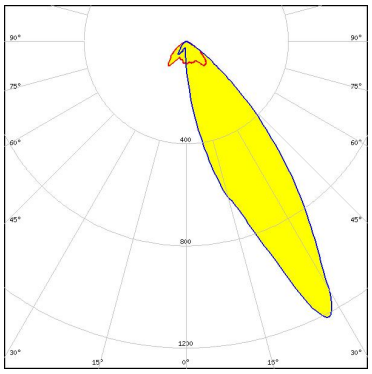


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

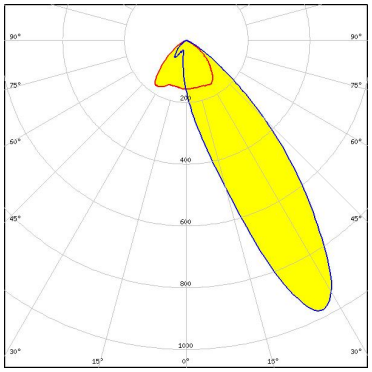
LED	XP-E2
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

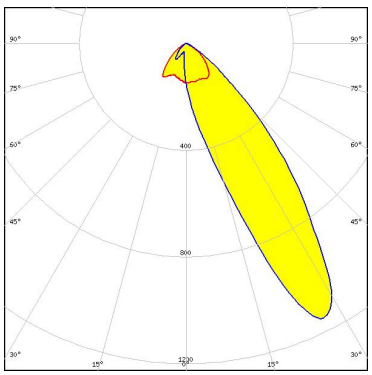
LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

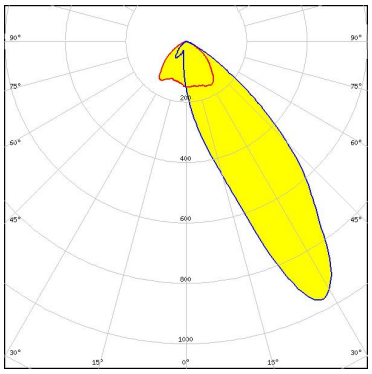


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

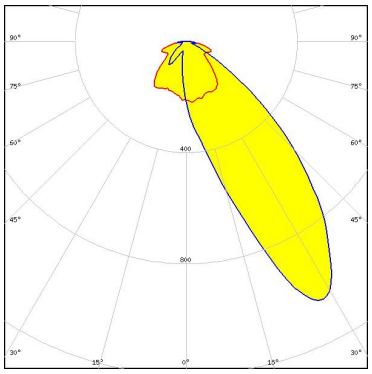


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

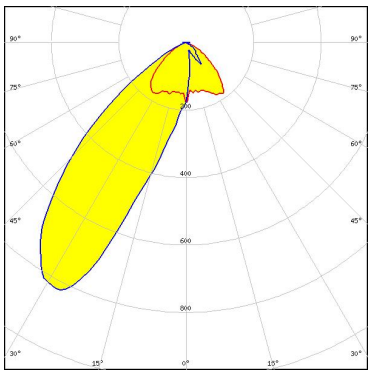
LED	CLU7S3
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

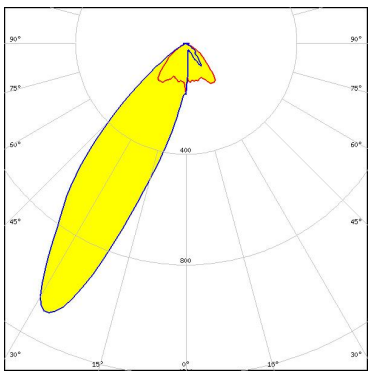
LED	XHP35.2 HD
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP35.2 HI
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

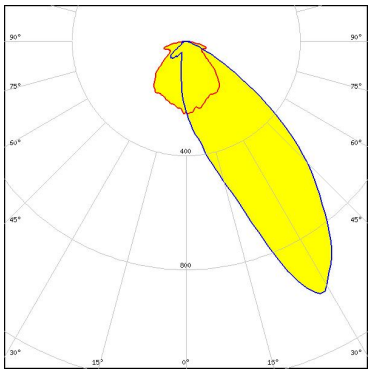


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

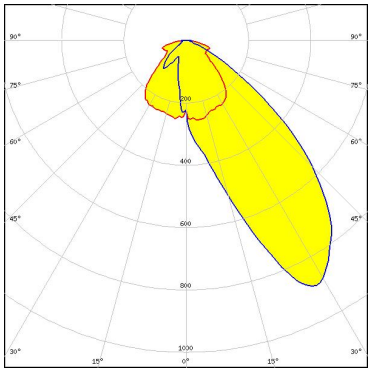
LED	CXM-3
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMINUS

LED	CXM-4
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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.

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