

PRODUCT DATASHEET F13839_ANGELINA-XW-B

ANGELINA-XW-B

White version with ~91° wide beam compatible with BJB and B+W connectors

SPECIFICATION:

Dimensions	Ø 82.0 mm
Height	31 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Coating
ANGELINA-XW-B	Reflector	HRPC	white		

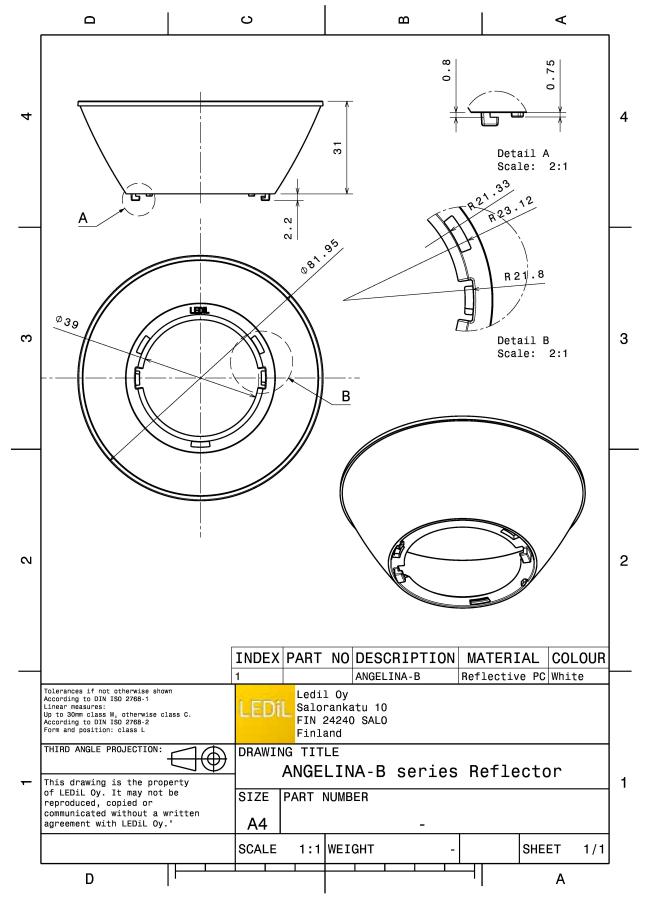
ORDERING INFORMATION:

Component

- F13839_ANGELINA-XW-B
- » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
825	110	55	11.1

PRODUCT DATASHEET F13839_ANGELINA-XW-B



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



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.204	
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.222	
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.227	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.235	



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH			25
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.203		2	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- A.A.G. STUCCH	CLL03x/CLU03x 93.0° / 132.0° 89 % 0.5 cd/lm 1 White ents: RZ-LENS		
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	CLL03x/CLU03x 93.0° / 135.0° 94 % 0.5 cd/lm 1 White ents:		



CITIZE	N	90°	90'
LED	CLL03x/CLU03x		A \land \land \land
FWHM / FWTM	93.0° / 133.0°		
Efficiency	94 %	601	
Peak intensity	0.5 cd/lm		200-200-200-200-200-200-200-200-200-200
LEDs/each optic	1		
Light colour	White	er.	
Required compone	ents:		$X \land X$
BJB: 47.319.202	21		
		ye.	15° 0° 15°
CITIZE	N	9°	90
LED	CLL04x/CLU04x		
EED FWHM / FWTM	91.0° / 132.0°	79	
Efficiency	88 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		200
Light colour	White	St. 199	
Required compone			300
F13671_ANGE-			
A.A.G. STUCCH			400
		20**	15° 0° 15° 36'
CITIZE	Ν	30 ⁴	90'
LED	CLL04x/CLU04x		
FWHM / FWTM	92.0° / 135.0°	75	
Efficiency	94 %		
		69 ²	200
-	0.5 cd/lm		
Peak intensity	0.5 cd/lm 1		
Peak intensity LEDs/each optic	1		
Peak intensity LEDs/each optic Light colour	1 White		
Peak intensity LEDs/each optic	1 White ents:		
Peak intensity LEDs/each optic Light colour Required compone	1 White ents:	*	40 KO
Peak intensity LEDs/each optic Light colour Required compone	1 White ents:		40
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	1 White ents: II: 8102-G2	yr	
Peak intensity LEDs/each optic Light colour Required compone	1 White ents: II: 8102-G2		
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	1 White ents: II: 8102-G2		
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	1 White ents: II: 8102-G2	x x y	
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITTIZE LED FWHM / FWTM Efficiency	1 White ents: II: 8102-G2	27 27 29 29 29 29	
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITTIZE LED FWHM / FWTM Efficiency Peak intensity	1 White ents: II: 8102-G2 W CLL04x/CLU04x 91.0° / 134.0°	9. 	
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White ents: II: 8102-G2 N CLL04x/CLU04x 91.0° / 134.0° 94 % 0.5 cd/lm 1	90 	
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White ents: II: 8102-G2 N CLL04x/CLU04x 91.0° / 134.0° 94 % 0.5 cd/lm 1 White	24 24 7 7 94	
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	1 White ents: II: 8102-G2 W CLL04x/CLU04x 91.0° / 134.0° 94 % 0.5 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White ents: II: 8102-G2 W CLL04x/CLU04x 91.0° / 134.0° 94 % 0.5 cd/lm 1 White ents:		
Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	1 White ents: II: 8102-G2 W CLL04x/CLU04x 91.0° / 134.0° 94 % 0.5 cd/lm 1 White ents:		



				90*	90°
LED	CXA/B 25xx				
FWHM / FWTM	92.0° / 133.0°			75°	75'
Efficiency	92 %				
Peak intensity	0.5 cd/lm			90°	
LEDs/each optic	1				
Light colour	White		1000	5	45"
Required compone				$\sim V$ / L	
F13671_ANGE-I					
BJB: 47.319.214				400	
				300 350 00	15° 30°
				90°	90*
LED	CXA/B 25xx				
FWHM / FWTM	92.0° / 134.0°			750	75
Efficiency	94 %				\sim
Peak intensity	0.5 cd/lm			50°	
LEDs/each optic	1				$(\langle f \rangle \rangle $
Light colour	White			45	45*
Required compone					
BJB: 47.319.214				400	
				305	36*
CREE				15° 0°	35°
LEDS	CY4/B 25yy			90*	35°
LEDS	CXA/B 25xx 93.0° / 135.0°			25° « 90°	35°
LED FWHM / FWTM	93.0° / 135.0°			29°	35°
LEDs LED FWHM / FWTM Efficiency	93.0° / 135.0° 94 %			25° ¢°	6, 25,
LEDs LED FWHM / FWTM Efficiency Peak intensity	93.0° / 135.0° 94 % 0.5 cd/lm			25° « 99° 90° 200	25°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	93.0° / 135.0° 94 % 0.5 cd/lm 1			20°	25°
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93.0° / 135.0° 94 % 0.5 cd/lm 1 White			25° 0° 90° 90° 90° 90°	25°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:			25 0° 90° 75 00 00 00 00 00	52°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:			20°	12°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:			20° (°) 90° (°) 60° (°) 73° (°) 80° (°	12" 12" 25" 25" 25"
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:			25° 0° 30° 50° 50° 50° 50° 50° 50° 50° 5	52" 52" 52" 52" 52" 52" 52" 52" 52" 52"
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2			99* 99* 90* 90* 135 0* 105 0 105 0 105 0 105 0 105 0 105 0 105 0 105 0	12° 12° 12° 12° 12° 12° 12°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2 CXA/B 30xx			25° (° 90° 30° 30° 30° 30° 30° 30° 30° 40 40 40 40 40 40 40 40 40 40	12° 12° 12° 12° 12° 12° 12° 12°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0°			20° 20° 20° 20° 20° 20° 20° 20°	12" 12" 12" 12" 12" 12" 12" 12"
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 %			20° 20° 20° 20° 20° 20° 20° 20°	12"
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm			20° (° 90° (° 70° (°) (°) (°) (°) (°) (°) (°) (°) (°) (°	22°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH	93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm 1			20 20 20 20 20 20 20 20 20 20	10°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93.0° / 135.0° 94 % 0.5 cd/lm 1 White hts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm 1 White			20° 90° 70° 60° 50° 50° 50° 50° 50° 50° 50° 5	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer A.A.G. STUCCH CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	93.0° / 135.0° 94 % 0.5 cd/lm 1 White hts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm 1 White hts:			20° 90° 90° 90° 90° 90° 90° 90° 9	10°
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component A.A.G. STUCCH CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93.0° / 135.0° 94 % 0.5 cd/lm 1 White hts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm 1 White hts:			20° 0° 0° 0° 0° 0° 0° 0° 0° 0°	10" 10" 10" 10" 10" 10" 10" 10" 10" 10"
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer A.A.G. STUCCH CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	93.0° / 135.0° 94 % 0.5 cd/lm 1 White hts: I: 8401-G2 CXA/B 30xx 90.0° / 134.0° 94 % 0.5 cd/lm 1 White hts:			20° 30° 30° 30° 30° 30° 30° 30° 3	



CUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	LUXEON CoB 1204/1205 94.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	LUXEON CoB 1208 93.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:	
EUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone BJB: 47.319.203	LUXEON CoB 1211 92.0° / 135.0° 94 % 0.5 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone A.A.G. STUCCH	LUXEON CoB 1211 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts:	



🥙 LUMIL	EDS	90° 90°
LED	LUXEON CoB 1213/1216/1812	
FWHM / FWTM	91.0° / 133.0°	75*
Efficiency	89 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	43" () 43"
Required compone		
F13671_ANGE-		
BJB: 47.319.203		440
		30° 35° 34°
	EDS	50° 50°
LED	LUXEON CoB 1213/1216/1812	
FWHM / FWTM	91.0° / 134.0°	75
Efficiency	96 %	
Peak intensity	0.5 cd/lm	50° - 200
LEDs/each optic	1	
Light colour	White	
Required compone		
BJB: 47.319.20		400
		30° 30°
	FDS	 0 105 ⁰
LED FWHM / FWTM	LUXEON K12 91.0° / 112.0°	73.
	94 %	
Efficiency Peak intensity	94 % 0.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45*
Required compone		
BJB: 47.319.20		400
DJD. 47.319.20		
		36° 15° 0° 15° 36°
UMIL	EDS	90 ⁴
LED	LUXEON K16	75*
FWHM / FWTM	91.0° / 108.0°	
Efficiency	94 %	60*
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	42. 42.
Required compone	ents:	400
BJB: 47.319.20	70	
		36° 30°



ELUM	INUS	90° 90°
LED	CxM-14 (19x19)	
FWHM / FWTM	92.0° / 134.0°	25.
Efficiency	94 %	
Peak intensity	0.5 cd/lm	50° - 200
LEDs/each optic	1	
Light colour	White	ar
Required compone		
BJB: 47.319.20		400
		15° 0° 15°
ELUM	INUS	90° 90°
LED	CxM-22 (28x28)	
FWHM / FWTM	91.0° / 135.0°	$\sim \lambda$
Efficiency	94 %	60°
Peak intensity	0.5 cd/lm	200
LEDs/each optic	1	
Light colour	White	*
Required compone	ints:	
BJB: 47.319.20	30	400
		36* 36*
OSRAM		90 ⁴ 90 ⁵
Opto Semiconductors	Soleriq S13 19x19	
FWHM / FWTM	94.0° / 137.0°	73*
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	ar la
Required compone		
BJB: 47.319.20		
		400
		257 0° 15°
OSRAM Opto Semiconductors		90° 90°
LED	Soleriq S19	
FWHM / FWTM	93.0° / 134.0°	$ \lambda $
Efficiency		
,	94 %	607 607
Peak intensity	94 % 0.5 cd/lm	607 607
Peak intensity LEDs/each optic	0.5 cd/lm 1	6° 6°
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic	0.5 cd/lm 1 White	60° 60°
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White ints:	60° 60°
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White ints:	65° 6° 100 - 00°
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White ints:	6° 6° 6°



OSRAM Opto Semiconductors				90°	90*
LED	Soleriq S19		-		
FWHM / FWTM	92.0° / 134.0°			750	- Bi
Efficiency	94 %			w / /	
Peak intensity	0.5 cd/lm			200	
LEDs/each optic	1				
Light colour	White			45	45*
Required compone	nts:				
A.A.G. STUCCH				400	
				36, 12, 00	36.
PHILIF	S			90°	90*
LED	Fortimo SLM L19 CoB				
FWHM / FWTM	91.0° / 130.0°			75°	- 75"
Efficiency	94 %				X
Peak intensity	0.5 cd/lm			200	
LEDs/each optic	1	ALL DE LAND			
Light colour	White	A REAL PROPERTY AND INCOME.		95*	45*
Required compone					\mathbf{K}
BJB: 47.319.203				400	
					-
				7 1	
				15% 0%	15*
PHILIF	S			90°	35°
	PS Fortimo SLM L19 CoB			90*	35° 90°
				22 ¹ 4	25° 90°
LED	Fortimo SLM L19 CoB	 8		92 ⁻	90°
LED FWHM / FWTM	Fortimo SLM L19 CoB 91.0° / 130.0°			92 ⁻ 92 ⁻ 92	96. 26. 26. 26. 26.
LED FWHM / FWTM Efficiency	Fortimo SLM L19 CoB 91.0° / 130.0° 91 %			20°	90, 90, 32,
LED FWHM / FWTM Efficiency Peak intensity	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm			20 ⁴ 90 ⁴ 77 60 ⁴ 200	90, 12, 12,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White			94 ⁴ 94 ⁴ 64 ⁴ 77	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE-	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS			92 ⁴ 92 ⁴ 92 ⁴ 92 ⁴ 92 ⁴ 92 ⁴ 92 ⁴ 92 ⁶ 92 ⁶ 92 ⁶ 92 ⁶ 92 ⁶ 92 ⁶ 92 ⁶ 92 ⁶	64 64 86 86 86 86 86
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS			99* 99* 90* 90* 400	61 61 81 81 81 81
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE-	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS			20 20 20 20 20 20 20 20 20 40 20 40 20 20	12, 61, 61, 61, 61, 61, 61, 61, 61, 61, 61
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30			94 ⁴ 94 ⁴ 95 ⁴ 96 ⁴ 97 97 96 ⁴ 90 90 90 90 90 90 90 90 90 90 90 90 90	124 124 124 124 124 124 124 124
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30				12° 12° 12° 12° 12° 12°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30			201 201 201 201 201 201 201 201	124 124 125 125 125 125
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 S Fortimo SLM L23 CoB 90.0° / 131.0°				904 104 105 105 105 105
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 80 S Fortimo SLM L23 CoB 90.0° / 131.0° 91 %				124 124 124 124 124 124 124 124
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 S Fortimo SLM L23 CoB 90.0° / 131.0°				122 122 122 122 122 122
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203 PHILLIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 S Fortimo SLM L23 CoB 90.0° / 131.0° 91 % 0.5 cd/lm				12° 12° 12° 12°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 S Fortimo SLM L23 CoB 90.0° / 131.0° 91 % 0.5 cd/lm 1 White				12 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203 PHILLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 80 S Fortimo SLM L23 CoB 90.0° / 131.0° 91 % 0.5 cd/lm 1 White nts: S				127 127 127 127 127
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203 PHILLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 PS Fortimo SLM L23 CoB 90.0° / 131.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS				90° 12° 12° 12° 12° 12°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE- BJB: 47.319.203 PHILLIC FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F13671_ANGE-	Fortimo SLM L19 CoB 91.0° / 130.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS 30 PS Fortimo SLM L23 CoB 90.0° / 131.0° 91 % 0.5 cd/lm 1 White nts: RZ-LENS				10°



PHILIP	DS	90°
LED	Fortimo SLM L23 CoB	
FWHM / FWTM	90.0° / 131.0°	7
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
BJB: 47.319.203		
SAMSI		
		90° 90°
LED	LC016D / LC019D / LC026D / LC033D	77
FWHM / FWTM	93.0° / 133.0°	
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F13671_ANGE-		40
A.A.G. STUCCH	HI: 8101-G2	
		30° 30'
SAMSI	UNG	50 ³ 35 ⁴
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	93.0° / 134.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
A.A.G. STUCCH		
		24
SAMSI	ING	94° 990
	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	93.0° / 133.0°	
Efficiency Peak intensity	91 %	
	0.5 cd/lm 1	
LEDs/each optic Light colour	1 White	
		n de la companya de l
Required compone		
F13671_ANGE		
BJB: 47.319.20	21	
		30 ⁴ 30 ⁴



SAMSI	JNG	52*
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	93.0° / 134.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
BJB: 47.319.202	21	
		20 ⁵ 20 ⁷ 20 ⁷ 20 ⁷
SEOUL		90*
SEOUL SEMICONDUCTOR	ZC12/18	
FWHM / FWTM	93.0° / 135.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60 ¹
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
A.A.G. STUCCH		40
		30*
LED	ZC25/40/60	
FWHM / FWTM	91.0° / 134.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
A.A.G. STUCCH	ll: 8102-G2	
		20 ⁵ 0 ⁵ 13 ⁵
SHA	RP	39'
LED	Mega Zenigata (GW5DGC)	
FWHM / FWTM	93.0° / 134.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	
D ID 17 010 001	11	
BJB: 47.319.201		400
BJB: 47.319.201		



SHA	RP	90' 90'
LED	Mega Zenigata (GW6DME)	
FWHM / FWTM	93.0° / 134.0°	7
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone	nts:	
BJB: 47.319.201		
SHA	DD	15 ⁵ o ² 15 ⁵
		50° 50°
LED	Mega Zenigata (GW6DME)	73.
FWHM / FWTM	93.0° / 134.0°	
Efficiency	94 %	60
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
A.A.G. STUCCH	II: 8301-G2	
		30" 30" 35" 0° 35"
TRIDON		30° 137 0° 33°
TRIDON		20° 10' 0° 10° 20°
LED	SLE G7 LES17 H	20 ² 10 ²
LED FWHM / FWTM	SLE G7 LES17 H 91.0° / 133.0°	
LED FWHM / FWTM Efficiency	SLE G7 LES17 H 91.0° / 133.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE G7 LES17 H 91.0° / 133.0° 94 % 0.5 cd/lm 1 White nts: SLE G7 LES21 H 90.0° / 133.0° 94 % 0.5 cd/lm 1 White	



XICATO)	99°	
LED	XOB 14.5 mm	25	
FWHM / FWTM	93.0° / 132.0°		$\lambda $
Efficiency	94 %	60*	
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour	White	gr,	
Required compone	ents:		$X \land K$
BJB: 47.319.2021			400
		30*	30:
			15° 0° 15°



OPTICAL RESULTS (SIMULATED):

CITIZEN	N	90 ¹⁶ 30 ²
LED	CLU730/731/733	
FWHM / FWTM	86.0° / 110.0°	78
Efficiency	93 %	60 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	gr uo s
Required components:		
BJB: 47.319.2030		X MAN X
		30*
SAMSUNG		30*
LED	LC040D / LC060D / LC080D	
FWHM / FWTM	91.0° / 127.0°	25
Efficiency	88 %	
Peak intensity	0.5 cd/lm	\wedge
LEDs/each optic	1	
Light colour	White	5° (
Required components:		
BJB: 47.319.2030		
		40



PRODUCT DATASHEET F13839_ANGELINA-XW-B

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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