

## STELLA-HB-WWW

~100° very wide beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with black frame.

### **SPECIFICATION:**

Dimensions	Ø 90.0 mm
Height	11.3 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

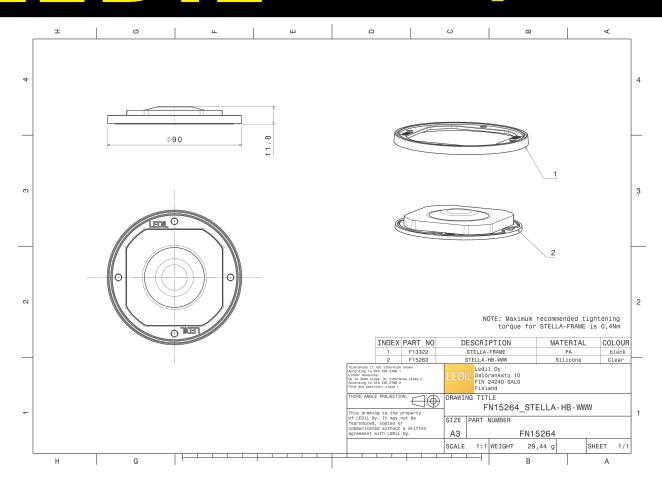


### **MATERIALS:**

Component	Туре	Material	Colour	Finish
STELLA-HB-WWW	Single lens	Silicone	clear	
STELLA-FRAME	Holder	PA66	black	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15264_STELLA-HB-WWW	Single lens	135	135	15	5.0
» Box size: 480 x 280 x 300 mm					



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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 componel BJB: 47.319.235		
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	V18 Gen7 101.0° / 144.0° 88 % 0.4 cd/lm 1 White nts:	90° 90° 40° 40° 500 500 500 500 500 500 500 5
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Bender Wirth: 43		201 <sup>2</sup> 10 <sup>3</sup> e <sup>2</sup> 10 <sup>3</sup> 20 <sup>4</sup>
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen TE Connectivity:		



bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	V22 Gen7 101.0° / 147.0° 87 % 0.4 cd/lm 1 White nts:	90° 10° 10° 10° 10° 10° 10° 10° 1
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Bender Wirth: 43		
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Vero SE 13 101.0° / 142.0° 90 % 0.4 cd/lm 1 White hts:	
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Vero SE 18 101.0° / 144.0° 90 % 0.4 cd/m 1 White nts:	



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Vero SE 29 105.0° / 149.0° 92 % 0.3 cd/lm 1 White hts:	99* 99* 99* 99* 175 100 100 100 100 100 100 100 10
bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	VERO13 100.0° / 145.0° 88 % 0.4 cd/lm 1 White nts:	99 99 10 10 10 10 10 10 10 10 10 10
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	VERO18 102.0° / 144.0° 89 % 0.4 cd/lm 1 White	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	VERO29 103.0° / 148.0° 91 % 0.4 cd/lm 1 White	
		30° 30° 30° 30° 30° 30°



CITIZE	N	
LED	CLL02x/CLU02x (LES10)	<u>8</u> *
FWHM / FWTM	100.0° / 142.0°	72
Efficiency	88 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
i toqui ou compone		
		5
CITIZE	N	32 <sup>5</sup> 0 <sup>4</sup> 33 <sup>5</sup>
		25*
LED	CLL02x/CLU02x (LES10)	75
FWHM / FWTM	100.0° / 143.0°	
Efficiency	92 %	er l
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F15255_HEKLA	-SOCKET-C	
		30° do
CITIZE	N	
LED		
LED	CLL04x/CLU04x	
		731
FWHM / FWTM	102.0° / 144.0°	
FWHM / FWTM Efficiency	102.0° / 144.0° 89 %	21 In In
FWHM / FWTM Efficiency Peak intensity	102.0° / 144.0° 89 % 0.4 cd/lm	29 <sup>1</sup> 50 <sup>3</sup>
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	102.0° / 144.0° 89 % 0.4 cd/lm 1	29° 54° (19) (19) (19) (19) (19) (19) (19) (19)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	290 55 <sup>4</sup> 57
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	27 <sup>3</sup> 40 <sup>5</sup>
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE ED FWHM / FWTM Efficiency Peak intensity	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREECS LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 144.0° 89 % 0.4 cd/lm 1 White ents: CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	



		90* 90
LED	CMA3090	
FWHM / FWTM	102.0° / 147.0°	77
Efficiency	88 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		30* 400 30 122 <sup>3</sup> 0 <sup>4</sup> 12* 30
		90* 90
LED	CMT19xx	
FWHM / FWTM	101.0° / 145.0°	77
Efficiency	89 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 4		
		30° 13 <sup>5</sup> 0 <sup>6</sup> 15° 30
		90 <sup>-1</sup>
	CXA/B 1816 & CXA/B 1820 & CXA 1850	
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0°	
LED FWHM / FWTM		50°
LED FWHM / FWTM Efficiency	102.0° / 146.0°	
LED FWHM / FWTM Efficiency Peak intensity	102.0° / 146.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	102.0° / 146.0° 87 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE LED FWHM / FWTM Efficiency	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone ELED FWHM / FWTM Efficiency Peak intensity	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone EEE EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone EEE EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 % 0.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone EEE EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	102.0° / 146.0° 87 % 0.4 cd/lm 1 White ents: CXA/B 1830 102.0° / 145.0° 88 % 0.4 cd/lm 1 White ents:	



			90* 90'
LED	CXA/B 25xx		
FWHM / FWTM	101.0° / 145.0°		75°
Efficiency	90 %		100
Peak intensity	0.4 cd/lm		50°
LEDs/each optic	1		
Light colour	White		e* / / / /
Required compone	nts:		
Bender Wirth: 43	39 Typ L3		300
			$X \rightarrow X$
			30* 400 30
			15 <sup>2</sup> 0 <sup>4</sup> 15 <sup>4</sup>
			90*
	CXA/B 25xx		750 780
FWHM / FWTM	102.0° / 144.0°		100
Efficiency	88 %		est set
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		
Light colour	White		-5°
Required compone	nts:		
			30° 400 30° 30°
LED	CXA/B 30xx	·	
FWHM / FWTM	102.0° / 144.0°		782 78
Efficiency	88 %		
Peak intensity	0.4 cd/lm		60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1		
Light colour	White		45
Required compone			
			90* 90
LED	CXA/B 3590		
FWHM / FWTM	102.0° / 147.0°		75 75
Efficiency	90 %		100
Peak intensity	0.4 cd/lm		··· / / / · / · / · / · / · · / · · / · · / ·
LEDs/each optic	1		
Light colour	White		45'
Required compone	nts:		
			$X \rightarrow X$
			400



🥙 LUMIL	EDS		90*	90*
LED	LUXEON CoB 1211			
FWHM / FWTM	101.0° / 144.0°		734	78
Efficiency	89 %		- 100	$\sim$
Peak intensity	0.4 cd/lm			604
LEDs/each optic	1			
Light colour	White		45*	
Required compone	nts:			
Bender Wirth: 43	1 Typ L3			
			30° 400 19°	30*
	EDS			
LED	LUXEON CoB 1321			90"
FWHM / FWTM	102.0° / 149.0°		734	75
Efficiency	89 %		500	X
Peak intensity	0.3 cd/lm		eor X	604
LEDs/each optic	1			
Light colour	White			6
Required compone				Y
i toquiloù compone			200	
			30* 400 13 <sup>5</sup> 0 <sup>6</sup> 10*	30*
UMIL	EDS		90°	90*
LED	LUXEON CoB 1825			
FWHM / FWTM	100.0° / 147.0°		28	12
Efficiency	88 %		- 300	
Peak intensity	0.4 cd/lm			<u> </u>
Peak intensity LEDs/each optic	0.4 cd/lm 1			
			e	475
LEDs/each optic	1 White	1		67
LEDs/each optic Light colour	1 White	1	₹ ₹	
LEDs/each optic Light colour	1 White	1		g
LEDs/each optic Light colour	1 White	1		e;
LEDs/each optic Light colour Required componen	1 White hts:	1		
LEDs/each optic Light colour Required componer	1 White nts:			30
LEDs/each optic Light colour Required componed	1 White nts: COB H-Type		266 	20 20 20 20
LEDs/each optic Light colour Required component MICHIA LED FWHM / FWTM	1 White hts: COB H-Type 101.0° / 146.0°		26	9/ 9/ 9/ 9/
LEDs/each optic Light colour Required component MICHIM LED FWHM / FWTM Efficiency	1 White hts: COB H-Type 101.0° / 146.0° 89 %			
LEDs/each optic Light colour Required component MICHIM LED FWHM / FWTM Efficiency Peak intensity	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm			20
LEDs/each optic Light colour Required component Mice Component Component Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1			
LEDs/each optic Light colour Required component MICHION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White		9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9	20
LEDs/each optic Light colour Required component Mice Component Component Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			
LEDs/each optic Light colour Required component MICHION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			27
LEDs/each optic Light colour Required component MICHION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White hts: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			27



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	COB J-Type 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
<b>PHILLS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo SLM L19 + SLM holder (PI) 101.0° / 142.0° 93 % 0.4 cd/lm 1 White	
PHILLE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43	Fortimo SLM L19 CoB 100.0° / 144.0° 88 % 0.4 cd/lm 1 White ents:	
PHILLE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43	Fortimo SLM L23 CoB 100.0° / 145.0° 88 % 0.4 cd/lm 1 White ents:	



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LED	LC040D / LC060D / LC080D	
FWHM / FWTM	102.0° / 144.0°	
Efficiency	88 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		30 <sup>4</sup> 12 <sup>5</sup> 0 <sup>4</sup> 12 <sup>4</sup>
SEOUL		
	MJT COB LES 14.5	R
FWHM / FWTM	101.0° / 145.0°	
Efficiency Peak intensity	90 % 0.5 cd/lm	
	1	
LEDs/each optic Light colour	ı White	
Required compone		s. (
Bender Wirth: 43		
Dender Witth. 40	55 190 21	
		20************************************
SEOUL SEMICONDUCTOR		
LED	MJT COB LES 14.5	
FWHM / FWTM	101.0° / 141.0°	70
Efficiency	87 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		40
		20* 400 20 <sup>3</sup> 0 <sup>4</sup> 20 <sup>4</sup>
SEOUL SEMICONDUCTOR		50° 20° 12° 21°
SEOUL SEMICONDUCTOR	MJT COB LES 22	90* 100 10* 10* 10* 90*
SEOUL SEMICONDUCTOR	MJT COB LES 22 101.0° / 145.0°	20 <sup>1</sup> 10 <sup>2</sup> 10 <sup>2</sup> 10 <sup>2</sup> 10 <sup>2</sup>
seoul semiconductor		29* <u>55</u> * <u>60</u> 29* <u>55</u> * <u>55</u> * <u>55</u> *
seoul semiconductor LED FWHM / FWTM Efficiency	101.0° / 145.0°	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	101.0° / 145.0° 89 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	101.0° / 145.0° 89 % 0.4 cd/lm	
seoul semiconductor LED FWHM / FWTM	101.0° / 145.0° 89 % 0.4 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	101.0° / 145.0° 89 % 0.4 cd/lm 1 White nts:	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	101.0° / 145.0° 89 % 0.4 cd/lm 1 White nts:	



SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
FWHM / FWTM	MJT COB LES 22 101.0° / 146.0°	775 776
Efficiency	89 %	
Peak intensity	0.4 cd/lm	.60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	
Light colour	' White	
Required compone		· · · · · · · · · · · · · · · · · · ·
IDEAL: 50-2204		
		400
		30° 15° 0° 15° 30°
SEOUL		
		90* 90*
	MJT COB LES 22	750 750
FWHM / FWTM Efficiency	101.0° / 146.0° 89 %	100
Peak intensity	89 % 0.4 cd/lm	50 <sup>4</sup> 604
LEDs/each optic	1	
Light colour	White	5°
Required compone		· · · · · · · · · · · · · · · · · · ·
IDEAL: 50-2204		30
102712.002201		
		400
		30* 15 <sup>5</sup> 0 <sup>9</sup> 15* 30*
SEOUL		
SEOUL SEMICONDUCTOR	MJT COB LES 22	
FWHM / FWTM	101.0° / 145.0°	736 780
Efficiency	89 %	
Peak intensity	0.4 cd/im	60° 60°.
LEDs/each optic	1	
Light colour	White	45'
Required compone	nts:	
Bender Wirth: 4		× × ×
		400
		30" 15 <sup>4</sup> 0 <sup>4</sup> 15 <sup>4</sup>
SEOUL		
SEQUE SEMICONDUCTOR		90* 90*
SEOUL SEMICONDUCTOR	MJT COB LES 33	90* 90*
SEOUL SEMICONDUCTOR LED FWHM / FWTM	MJT COB LES 33 101.0° / 147.0°	80°
LED FWHM / FWTM		92 <sup>*</sup> 92 <sup>*</sup>
LED FWHM / FWTM Efficiency	101.0° / 147.0° 90 %	92* 92* 75* 200 80* 80*
LED FWHM / FWTM Efficiency Peak intensity	101.0° / 147.0°	97 97 73 60 <sup>5</sup> 500 6.4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	101.0° / 147.0° 90 % 0.4 cd/lm	97 97 75 7 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	101.0° / 147.0° 90 % 0.4 cd/lm 1 White	97 99 75 64 65 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	101.0° / 147.0° 90 % 0.4 cd/lm 1 White Ints:	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	101.0° / 147.0° 90 % 0.4 cd/lm 1 White Ints:	97 75 66 67 67 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	101.0° / 147.0° 90 % 0.4 cd/lm 1 White Ints:	97 75 65 65 67 - 300 - 300 - 300



bridgelux.		50* 50*
LED	V10 Gen7	
FWHM / FWTM	95.0° / 132.0°	75* 75*
	88 %	100
Efficiency		60* 60*
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
Bender Wirth: 486 Ty	p L1	
		100
		30° - 35° - 36°
bridgelux.		
LED	V13 Gen 8-9	
FWHM / FWTM	97.0° / 133.0°	750 750
Efficiency	89 %	500
Peak intensity	0.4 cd/lm	607
LEDs/each optic	1	200
	ı White	
Light colour	White	45*
Required components:		
		400
		30*
bridgelux.		90° 90°
LED	V13 Gen7	75' 75'
FWHM / FWTM	94.0° / 130.0°	
Efficiency	94 %	60* 60*
Peak intensity	0.4 cd/lm	200
LEDs/each optic	1	
Light colour	White	5°
Required components:		
		***
		30 <sup>6</sup> 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup> 31 <sup>6</sup>
bridgelux.		
LED	V13 Gen7	90° 90°
ED FWHM / FWTM	94.0° / 132.0°	75% 76°
Efficiency	94.0°/132.0° 94 %	500
	94 % 0.4 cd/lm	50
Peak intensity		20
LEDs/each optic	1 White	
Light colour	White	45+
Required components:	- 71	
Bender Wirth: 477 Ty	p∠ı	And F
		$\times$ / $\times$ $\times$
1		
		15 <sup>2</sup> with 15 <sup>2</sup>

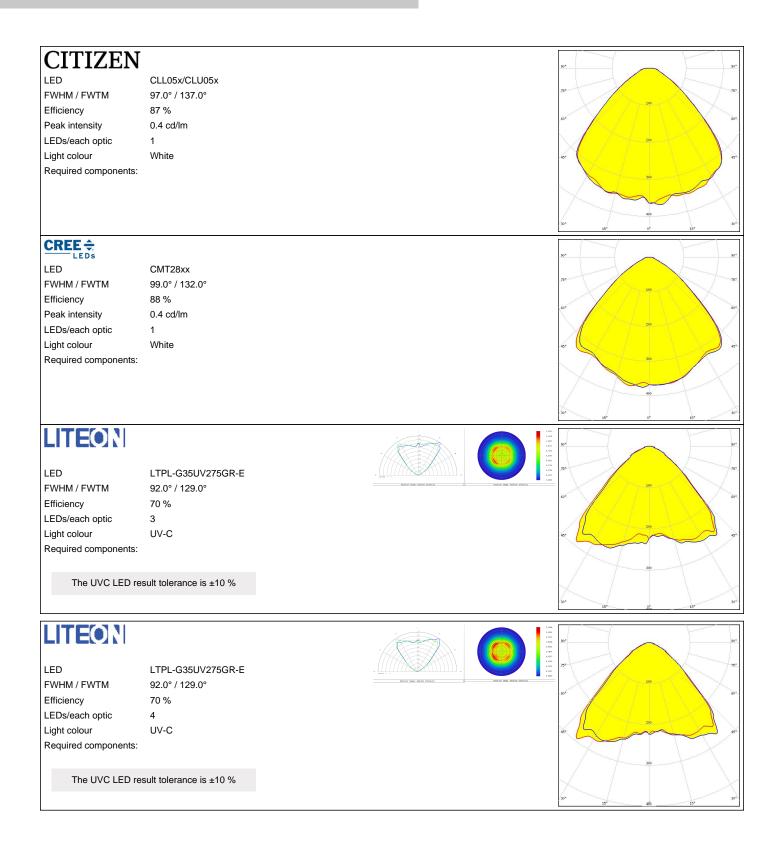


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bridgelux.		90* 90*
LED	V18 Gen 8-9	
FWHM / FWTM	98.0° / 132.0°	75°
Efficiency	88 %	100
Peak intensity	0.4 cd/im	60* 60*
LEDs/each optic	1	20
Light colour	' White	
Required components:	Wille	45' >>0
Bender Wirth: 462 Ty	- 14	
Bender Wirtin. 402 Ty	p L4	
		400
		30* 13 <sup>5</sup> 0* 19* 30*
bridgelux.		
LED	V22 Gen 8-9	
FWHM / FWTM	97.0° / 132.0°	75° 75°
Efficiency	89 %	100
Peak intensity	0.4 cd/lm	60*
LEDs/each optic	1	
Light colour	' White	
Required components:	White	
Bender Wirth: 431 Ty		
Dender Wirtin. 431 Ty	p L4	
		30° 15° 30°
bridgelux.		
		90* 90*
LED	V22 Gen7	70°
FWHM / FWTM	96.0° / 132.0°	
Efficiency	94 %	50* 50*
Peak intensity	0.5 cd/lm	200
LEDs/each optic	1	
Light colour	White	45°
Required components:		
IDEAL: 50-2204CT		
		30° 13 <sup>5</sup> 30° 30°
bridgelux.		
		90* 99*
	Vesta TW 13mm (18W) DP	730 700
FWHM / FWTM	96.0° / 131.0°	100
Efficiency	88 %	60 <sup>4</sup>
Peak intensity	0.4 cd/lm	200
LEDs/each optic		
Light colour	Tunable White	
Required components:		
		*



bridgelux.		
LED	Vesta TW 18mm (31W) DP	
FWHM / FWTM	96.0° / 130.0°	75°
Efficiency	89 %	
Peak intensity	0.4 cd/im	60* 60*
LEDs/each optic	1	200
Light colour	' Tunable White	
Required components:		45" 45"
Required components.		
		30° 15° 30°
bridgelux.		
LED	Vesta TW 22mm DP	90* 90*
FWHM / FWTM	96.0° / 130.0°	754 752
	96.0° / 130.0° 88 %	-100
Efficiency Peak intensity	88 % 0.4 cd/lm	604 604
		200
LEDs/each optic	1 Tunable White	
Light colour Required components:	i unable white	45* 43*
Required components:		
		30° 15° 30°
bridgelux.		
		90* 90*
LED	Vesta TW 29mm DP	
		75° 75°
FWHM / FWTM	96.0° / 131.0°	275 <sup>4</sup> 775.
Efficiency	96.0° / 131.0° 88 %	29 - 79 - 79 - 50 - 69 - 69 - 69
Efficiency Peak intensity	96.0° / 131.0° 88 % 0.4 cd/lm	29° - 72. 500 - 69°, 200 - 69°,
Efficiency Peak intensity LEDs/each optic	96.0° / 131.0° 88 % 0.4 cd/lm 1	294 - 220 60 <sup>4</sup> - 200
Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm	2% 208 6 <sup>12</sup> 6 <sup>14</sup> 6 <sup>15</sup> 6 <sup>14</sup> 6 <sup>15</sup> 6 <sup>14</sup>
Efficiency Peak intensity LEDs/each optic	96.0° / 131.0° 88 % 0.4 cd/lm 1	20 - 20 - 92 67 - 20 - 69 67 - 20 - 69
Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1	294 - 200 - 72 614 - 644 614 - 72 614 -
Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1	29° - 200 - 72, e1° - 200 - 60°, e2° - 300 - 67°, - 300 - 77°, - 60° - 77°, - 70°, - 70°,
Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1	20 50 50 50 50 50 50 50 50 50 5
Efficiency Peak intensity LEDs/each optic Light colour Required components:	96.0° / 131.0° 88 % 0.4 cd/lm 1	200 00 00 00 00 00 00 00 00 00
Efficiency Peak intensity LEDs/each optic Light colour Required components:	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White	200
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0°	29 - 20 - 72 04 - 20 - 07 07
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 %	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1	20 20 20 20 20 20 20 20 20 20
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	96.0° / 131.0° 88 % 0.4 cd/lm 1 Tunable White CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1	

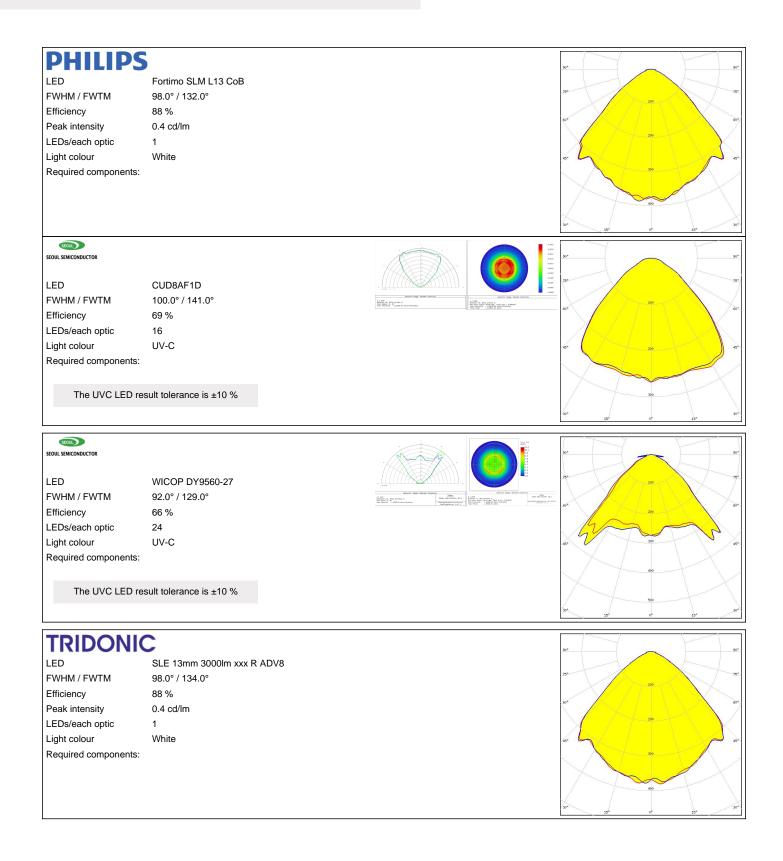






LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: The UVC LED re	LTPL-G35UV275GR-E 92.0° / 127.0° 71 % 13 UV-C		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 431 Ty	LUXEON CoB 1213/1216/1 99.0° / 136.0° 91 % 0.4 cd/lm 1 White yp L4	112	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: The UVC LED re	XBT-3535-UV 100.0° / 127.0° 70 % 1 UV-C esult tolerance is ±10 %		
ED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	NCSU334A 93.0° / 122.0° 73 % 1 UV-A		





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TRIDON	IC	50°
LED	SLE 17mm 5000lm xxx R ADV8	
FWHM / FWTM	96.0° / 132.0°	73 70
Efficiency	89 %	
Peak intensity	0.4 cd/lm	******
LEDs/each optic	1	
Light colour	White	45° 🗸 68'
Required components		
Bender Wirth: 466 Typ L4		
		30* 34
		10 <sup>2</sup> 0 <sup>4</sup> 12 <sup>2</sup>
TRIDON		90* 90*
LED	SLE 21mm 6000lm xxx R ADV8	
FWHM / FWTM	98.0° / 134.0°	730 773
Efficiency	89 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components	S:	
Bender Wirth: 466 Typ L4		
		20
		30* 30
TRIDON		122 00 125
TRIDON		99* 99*
LED	SLE G7 LES21	
FWHM / FWTM	96.0° / 132.0°	736
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components	5:	
		$\times$ / $\checkmark$ $\lambda$
		30*



#### **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.

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