

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.

TECHNICAL SPECIFICATIONS:

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



Finish

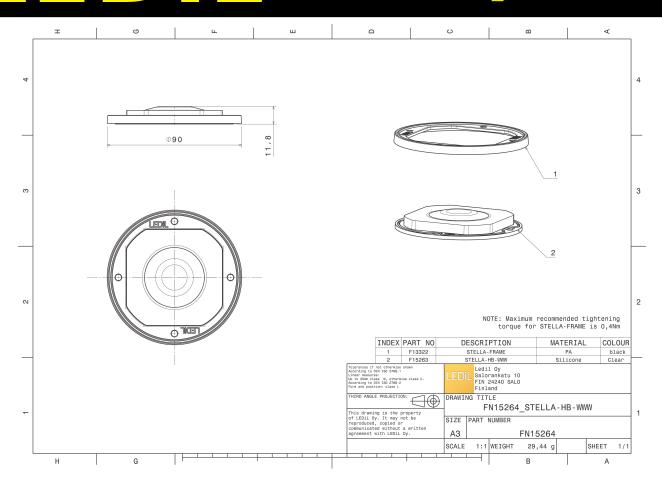
MATERIAL SPECIFICATIONS:

Component
STELLA-HB-WWW
STELLA-FRAME

Туре	Material	Colour
Single lens	Silicone	clear
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					



R

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



bridgelux. LED	V18 Gen7	 1		80+	90*
FWHM / FWTM	102.0° / 145.0°			75%	785
Efficiency	87 %				
Peak intensity	0.4 cd/lm			50 ⁻	607
LEDs/each optic	1				
Light colour	White			45+	454
Required compone	ents:				R
BJB: 47.319.235	50				X
				400	
				30° 13° 0°	15* 30*
bridgelux.				90*	90*
LED	V18 Gen7				
FWHM / FWTM	102.0° / 144.0°			75	775
Efficiency	90 %			50	
Peak intensity	0.4 cd/lm				
LEDs/each optic	1			200	
Light colour	White			45*	54
Required compone					
Bender Wirth: 43	39 Typ L3				
				$\times \mathbb{N}$	- X
				30° 400	15* 30*
bridgelux.				90*	90*
LED	V18 Gen7				
FWHM / FWTM	101.0° / 144.0°			756	
Efficiency	88 %	1 × 1		5.0*	60*
Peak intensity	0.4 cd/lm				
LEDs/each optic	1			200	
Light colour	White			45*	5*
Required compone	ents:				
				30° 400	15° 30°
bridgelux.				90*	90*
LED	V22 Gen7				
FWHM / FWTM	102.0° / 146.0°			75*	782
Efficiency	92 %			50*	- A - Sare
Peak intensity	0.4 cd/lm				
LEDs/each optic	1			200	
Light colour	White		1111	45*	51
Required compone					
TE Connectivity:	: 2213480-1				
				30° 400	30*
					AY



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



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Vero SE 29 105.0° / 149.0° 92 % 0.3 cd/lm 1 White nts:	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	VERO13 100.0° / 145.0° 88 % 0.4 cd/lm 1 White nts:	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	VERO18 102.0° / 144.0° 89 % 0.4 cd/lm 1 White nts:	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	VERO29 103.0° / 148.0° 91 % 0.4 cd/lm 1 White nts:	



CITIZE	N	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CLL02x/CLU02x (LES10) 100.0° / 143.0° 92 % 0.4 cd/lm 1 White ints:	
CITIZE	N	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL02x/CLU02x (LES10) 100.0° / 142.0° 88 % 0.4 cd/lm 1 White	
		200 200 200 200 200 200 200 200 200 200
CITIZE	Ν	2°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL04x/CLU04x 102.0° / 144.0° 89 % 0.4 cd/lm 1 White Ints:	
		20 ¹⁴ 20 ¹ 20 ¹ 20 ¹
		20 ³
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CMA2550 102.0° / 145.0° 88 % 0.4 cd/lm 1 White	
Required compone	ns.	50°



LED	CMA3090	
FWHM / FWTM	102.0° / 147.0°	791
Efficiency	88 %	
Peak intensity	0.3 cd/lm	er y
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30" 60
LED	CMT19xx	
LED FWHM / FWTM	101.0° / 145.0°	
Efficiency	89 %	
Peak intensity	0.4 cd/lm	w. / / / / /
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 4		
		x ² 60
	_	
		9r*
		50°
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0°	30 ²
LED FWHM / FWTM	CXA/B 1816 & CXA/B 1820 & CXA 1850	50° 73 50
LED FWHM / FWTM Efficiency	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0°	50* 270 60*
	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 %	20*
LED FWHM / FWTM Efficiency Peak intensity	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm	23 23 65 65 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 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	CXA/B 1816 & CXA/B 1820 & CXA 1850 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	CXA/B 1816 & CXA/B 1820 & CXA 1850 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	CXA/B 1816 & CXA/B 1820 & CXA 1850 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 Required compone	CXA/B 1816 & CXA/B 1820 & CXA 1850 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	CXA/B 1816 & CXA/B 1820 & CXA 1850 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 CREE COMPONE LED FWHM / FWTM Efficiency Peak intensity	CXA/B 1816 & CXA/B 1820 & CXA 1850 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 CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 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 CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 1816 & CXA/B 1820 & CXA 1850 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 CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White onts: 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 CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 1816 & CXA/B 1820 & CXA 1850 102.0° / 146.0° 87 % 0.4 cd/lm 1 White onts: 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	CXA/B 25xx 102.0° / 144.0° 88 % 0.4 cd/lm 1 White	
CREE LEO EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43	CXA/B 25xx 101.0° / 145.0° 90 % 0.4 cd/lm 1 White ints:	
CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 30xx 102.0° / 144.0° 88 % 0.4 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CXA/B 3590 102.0° / 147.0° 90 % 0.4 cd/lm 1 White	



	.EDS		90*	9
LED	LUXEON CoB 1211			
FWHM / FWTM	101.0° / 144.0°			
Efficiency	89 %		50*	\sim
Peak intensity	0.4 cd/lm			
LEDs/each optic	1			
Light colour	White		451	
Required compone				
Bender Wirth: 43	31 Typ L3			
				1 1
			30° 400 13 ⁵ 0°	15*
	.EDS		50°	
LED	LUXEON CoB 1321			
FWHM / FWTM	102.0° / 149.0°		750	NT.
Efficiency	89 %		200	XX
Peak intensity	0.3 cd/lm			,
LEDs/each optic	1			
Light colour	White		45	
Required compone	ents:			
			30°	1
	FDS		13 ³	15*
			90*	9
	LUXEON CoB 1825		75	
FWHM / FWTM	100.0° / 147.0°		77	
FWHM / FWTM Efficiency	100.0° / 147.0° 88 %		77 0.*	
FWHM / FWTM Efficiency Peak intensity	100.0° / 147.0° 88 % 0.4 cd/lm		297 208	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 147.0° 88 % 0.4 cd/lm 1		2° 0)* 0* 200	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White		73 53 53 50 50	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 147.0° 88 % 0.4 cd/lm 1 White		73- 200- 274- 289-	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White		73 6)* 87 87 80 80 80 80 80	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White		77 01* 250 250 250	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White		257 677 250 250 250 250	La-
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents:			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents:			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents:			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents:			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0°			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0° 89 %			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA Efficiency Peak intensity	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIN Equired compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Equired compone Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Equired compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 147.0° 88 % 0.4 cd/lm 1 White ents: COB H-Type 101.0° / 146.0° 89 % 0.4 cd/lm 1 White			



ØNICHI/		
LED 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	
PHILIE ED 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 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 FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43	Fortimo SLM L23 CoB 145.0° / 100.0° 88 % 0.4 cd/lm 1 White ents:	



SAMSI	JNG	82
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	ents:	
		20. 40
SEQUL		
		9 ⁴
LED	MJT COB LES 14.5	75
FWHM / FWTM	101.0° / 145.0°	
Efficiency	90 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	e la companya de la c
Required compone		
Bender Wirth: 4	33 Typ 21	
		30* 15* 0* 13*
SEOUL		
LED	MJT COB LES 14.5	
FWHM / FWTM	101.0° / 141.0°	7
Efficiency	87 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		30" the second s
SEOUL SEMICONDUCTOR		9*
LED	MJT COB LES 22	
FWHM / FWTM	101.0° / 145.0°	74
Efficiency	89 %	
	0.4 cd/lm	
Peak intensity		
	1	200
LEDs/each optic		ar 200
LEDs/each optic Light colour	1 White	or and the second s
Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4	1 White ents:	er 900
LEDs/each optic Light colour	1 White ents:	- 200
LEDs/each optic Light colour Required compone	1 White ents:	20 20 20 20



SEOUL		
		90*
	MJT COB LES 22	752
FWHM / FWTM	101.0° / 146.0°	
Efficiency	89 %	50 ⁴ 61 ⁴
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
IDEAL: 50-2204	ST	
		30° 400 30°
SEOUL		
SEOUL SEMICONDUCTOR		90°
LED	MJT COB LES 22	
FWHM / FWTM	101.0° / 146.0°	78
Efficiency	89 %	
Peak intensity	0.4 cd/lm	6 ⁴
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
IDEAL: 50-2204	т	
		440
		10° 135 00 15°
		90* 90*
LED	MJT COB LES 22	
FWHM / FWTM	101.0° / 145.0°	73* 78*
Efficiency	89 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	at a set
Required compone	nts:	
Bender Wirth: 4		
		$\frac{30^{\circ}}{15^{\circ}}$ $\frac{1}{0^{\circ}}$ $\frac{30^{\circ}}{15^{\circ}}$ $\frac{30^{\circ}}{15^{\circ}}$
		90 ⁴
SEOUL SEMICONDUCTOR	MJT COB LES 33	
FWHM / FWTM	101.0° / 147.0°	775
Efficiency	90 %	
Peak intensity	0.4 cd/lm	set. A set of the set
LEDs/each optic	1	
Light colour	White	
Required compone		4° (
Bender Wirth: 4		
Denuer wirth: 4	ю тур Ц4	
		30° 30°

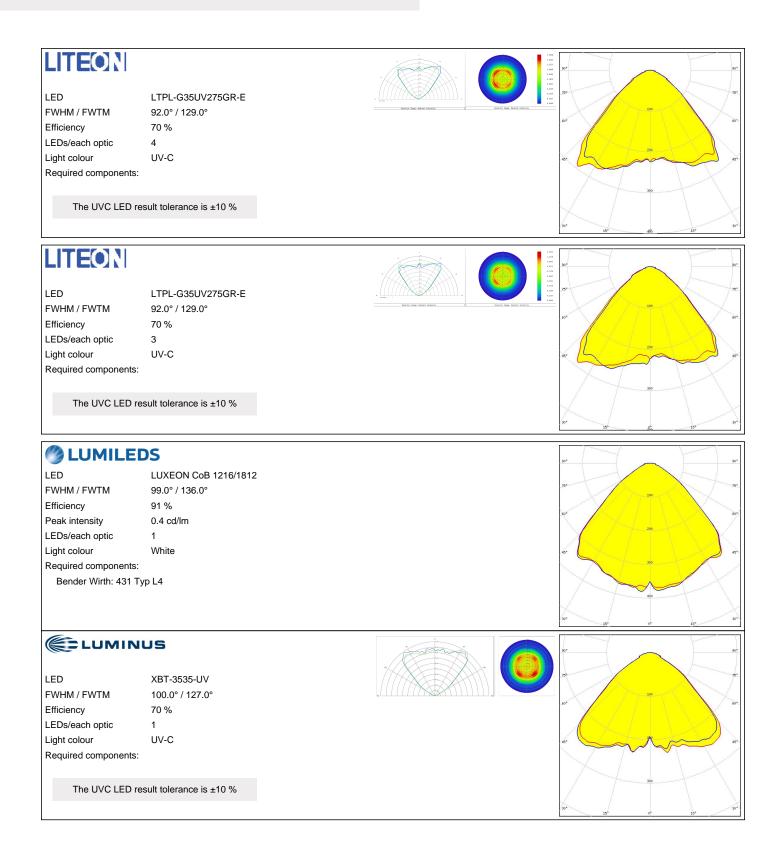


bridgelux.		90° 90°
LED	V10 Gen7	
FWHM / FWTM	95.0° / 132.0°	75°
Efficiency	88 %	
Peak intensity	0.4 cd/lm	60°
LEDs/each optic	1	200
	ı White	
Light colour Required components:	White	
Bender Wirth: 486 Ty	- 14	
Bender Winth: 466 Ty	pli	
		ho
		30° 139 0° 35° 36°
bridgelux.		90° 90°
LED	V13 Gen7	
FWHM / FWTM	94.0° / 130.0°	75* 25*
Efficiency	94 %	
Peak intensity	0.4 cd/lm	60°
LEDs/each optic	1	
Light colour	White	47° (
Required components:		
		440
		30° 35° 30°
bridgelux.		90* 90*
LED		\sim
	V13 Gen7	
	V13 Gen7 94.0° / 132.0°	75 72
FWHM / FWTM	94.0° / 132.0°	25
FWHM / FWTM Efficiency	94.0° / 132.0° 94 %	25° - 260 - 75°. 64°
FWHM / FWTM Efficiency Peak intensity	94.0° / 132.0°	29 - 72 - 73 - 75 - 75 - 75 - 75 - 75 - 75 - 75
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94.0° / 132.0° 94 % 0.4 cd/lm 1	20 - 10 - 72 - 66 - 67 - 67 - 67 - 67 - 67 - 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0° / 132.0° 94 % 0.4 cd/lm	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	25 - 50 - 75 64 - 50 67 - 50 67 - 50 67 - 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	25° 60° 60° 50° 50° 50° 50° 50° 50° 50° 5
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty	94.0° / 132.0° 94 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux. LED FWHM / FWTM	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux, LED FWHM / FWTM Efficiency	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 % 0.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 477 Ty bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	94.0° / 132.0° 94 % 0.4 cd/lm 1 White p Z1 V22 Gen7 96.0° / 132.0° 94 % 0.5 cd/lm 1	



CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CLL03x/CLU03x 98.0° / 133.0° 90 % 0.4 cd/lm 1 White	30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30,
CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CLL05x/CLU05x 97.0° / 137.0° 87 % 0.4 cd/lm 1 White	2 ³ 2 ³
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CMT28xx 99.0° / 132.0° 88 % 0.4 cd/lm 1 White	5° 50° 50° 50° 50° 50° 50° 50° 5
LITEON LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: The UVC LED res	LTPL-G35UV275GR-E 92.0° / 127.0° 71 % 13 UV-C	







ED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	NCSU334A 93.0° / 122.0° 73 % 1 UV-A	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: The UVC LED res	CUD8AF1D 100.0° / 141.0° 69 % 16 UV-C sult tolerance is ±10 %	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: The UVC LED res	WICOP DY9560-27 92.0° / 129.0° 66 % 24 UV-C	
TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE G7 LES21 96.0° / 132.0° 94 % 0.4 cd/lm 1 White	



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where_to_buy