

PRODUCT DATASHEET FN14074_STELLA-HB

STELLA-HB

~75° high bay beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size. Variant with black frame. COBs.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	19.5 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



Colour

clear black Finish

MATERIAL SPECIFICATIONS:

Component
STELLA-HB
STELLA-FRAME

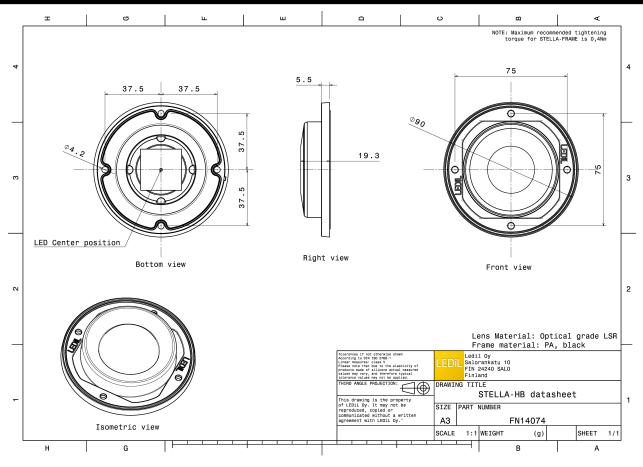
Туре	Material
Single lens	Silicone
Holder	PA66

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN14074_STELLA-HB	Single lens	135	135	15	7.9
» Box size: 480 x 280 x 300 mm					



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



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	V18 Gen7 80.0° / 101.0° 93 % 0.6 cd/lm 1 White hts:	94° 94° 94° 94° 94° 94° 94° 94° 94° 94°
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	V22 Gen7 75.0° / 101.0° 93 % 0.7 cd/lm 1 White hts:	200
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	VERO18 75.0° / 96.0° 93 % 0.7 cd/lm 1 White hts:	200 60 60 60 60 60 60 60 60 60
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	VERO29 69.0° / 104.0° 94 % 0.7 cd/lm 1 White nts:	200 200 200 200 200 200 200 200



CITIZE	N	8 ⁴ 87
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLL04x/CLU04x 77.0° / 101.0° 94 % 0.7 cd/lm 1 White	77 - 20 - 47
Required compone	nts:	200 - 25 ⁴ - 25 ⁴ - 25 ⁴
CITIZE	N CLL04x/CLU04x	99 ⁴ 9 ⁴
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	68.0° / 94.0° 93 % 0.8 cd/lm 1	
Light colour Required compone Bender Wirth: 43		
CITIZE	N	30* 30*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLL05x/CLU05x 73.0° / 110.0° 93 % 0.6 cd/lm 1	
Light colour Required compone	White ints:	
CITIZE	N CLL05x/CLU05x 65.0° / 103.0°	34 ¹ 35 ¹ 27
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.7 cd/lm 1 White	
Required compone Bender Wirth: 45		



		w.
LED	- CMA2550	
FWHM / FWTM	74.0° / 96.0°	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	gr 406
Required compone		
		100 FOI
		307 397
LED	CMA3090	
FWHM / FWTM	67.0° / 96.0°	
Efficiency	96 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		30* 31*
i i i i i i i i i i i i i i i i i i i		
		90°
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	25 ⁷ 0 ⁹ 15 ⁹
LED FWHM / FWTM	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0°	
LED FWHM / FWTM Efficiency	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component CREEC LED LED FWHM / FWTM	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White hts: CXA/B 25xx 83.0° / 102.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White hts: CXA/B 25xx 83.0° / 102.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts: CXA/B 25xx 83.0° / 102.0° 93 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts: CXA/B 25xx 83.0° / 102.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts: CXA/B 25xx 83.0° / 102.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts: CXA/B 25xx 83.0° / 102.0° 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 1816 & CXA/B 1820 & CXA 1850 87.0° / 104.0° 93 % 0.6 cd/lm 1 White nts: CXA/B 25xx 83.0° / 102.0° 93 % 0.6 cd/lm 1 White	



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LED	CXA/B 30xx			\mathbf{X}
FWHM / FWTM	78.0° / 103.0°		38	3.
Efficiency	93 %		60%	20060*
Peak intensity	0.6 cd/lm			
LEDs/each optic	1			
Light colour	White		95*	45°
Required compone	ints:			
			300	30
	0		90%	d0, 32,
LED	CXA/B 3590			
FWHM / FWTM	72.0° / 106.0°		73	75
Efficiency	93 %		$ \times / $	
Peak intensity	0.7 cd/lm		60*	
LEDs/each optic	1			
Light colour	White		g	400
Required compone			$\wedge A /$	
			309.	31
			15°	0° 15°
	EDC			F L
			90*	90*
LED	LUXEON CoB 1211		90+	90* 90*
LED FWHM / FWTM	LUXEON CoB 1211 71.0° / 93.0°		75	90 ⁻
LED FWHM / FWTM Efficiency	LUXEON CoB 1211 71.0° / 93.0° 93 %		80°	20
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm		90°	60 84 84 84
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1		6). 6). 22	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White		82. 60. 35. 194	200 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White		82.	60 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White		86. 66: 36: 36:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White		87 602 894	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White		240 262 603 103 104 105	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White ints:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints:		80°-	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0°		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 %		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Weak intensity	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm 1		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Component Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm 1 White		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm 1 White		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Component Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm 1 White		80*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1211 71.0° / 93.0° 93 % 0.7 cd/lm 1 White Ints: EDS LUXEON CoB 1216/1812 72.0° / 99.0° 94 % 0.7 cd/lm 1 White		80*	



	FDS	
LED	LUXEON CoB 1321	
FWHM / FWTM	71.0° / 108.0°	
Efficiency	94 %	50°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	a3* 460 a3*
Required compone	ents:	20 00 20 00 20 00 20 00
UMIL	.EDS	90°
LED	LUXEON CoB 1825	
FWHM / FWTM	72.0° / 111.0°	
Efficiency	93 %	60° - 200 - 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	450 450
Required compone	ents:	
		30* 30* 30*
	INUS	50* 50*
LED	CxM-18 (21.5x21.5)	
FWHM / FWTM	80.0° / 100.0°	75*
Efficiency	93 %	60° 200 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	gr
Required compone	ents:	400
		36* 000 36* 12* 0° 15*
	INUS	
LED	CxM-22 (28x28)	
FWHM / FWTM	73.0° / 100.0°	
Efficiency	93 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	



<u> </u>				~ ~ ~
			90*	90*
LED	СОВ Н-Туре			
FWHM / FWTM	74.0° / 102.0°			\sim 7
Efficiency	94 %		60°	200
Peak intensity	0.7 cd/lm			
LEDs/each optic	1			
Light colour	White		920	400
Required compone	ents:			
				600
			-30"	30
LED	COB J-Type			
FWHM / FWTM	84.0° / 102.0°		782	
Efficiency	94 %			X > 1
Peak intensity	0.6 cd/lm		60*	200
LEDs/each optic	1			
Light colour	White		45*	
Required compone				400
			1	600
0000414			15 ³	0° 18°
OSRAM Opto Semiconductors			90* 15 ⁵	0 ⁰ 10 ⁺
OSRAM Opto Semiconductors LED	Soleriq S19		 20* 12 ¹	<u>0⁶ 10[*]</u>
Opto Semiconductors	84.0° / 101.0°		 30° 23 [°]	<u>et</u> <u>19</u> . <u>2</u> .
Opto Semiconductors			90° 20	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	84.0° / 101.0°		90° 20 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	84.0° / 101.0° 92 %		90° 20 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White		30° 20 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	84.0° / 101.0° 92 % 0.6 cd/lm 1 White		30° 23 ⁵ 90° 90°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White		30° 25 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White		30° 23 ⁵	0 13° ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White		30° 23 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints:		30° 23 ⁵	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints:		20 67 67 94	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints:			
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLEP LED FWHM / FWTM	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints:		20 67 67 94	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLE LED FWHM / FWTM Efficiency	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints: S Fortimo SLM L19 CoB 71.0° / 94.0°		20 67 67 94	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLE LED FWHM / FWTM	84.0° / 101.0° 92 % 0.6 cd/lm 1 White Ints: S Fortimo SLM L19 CoB 71.0° / 94.0° 94 %		20 67 67 94	\land \frown
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic	84.0° / 101.0° 92 % 0.6 cd/lm 1 White ints: S Fortimo SLM L19 CoB 71.0° / 94.0° 94 % 0.8 cd/lm		20 67 67 94	\land \frown
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White I White Fortimo SLM L19 CoB 71.0° / 94.0° 94 % 0.8 cd/lm 1 White		20 67 67 94	\land \frown
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	84.0° / 101.0° 92 % 0.6 cd/lm 1 White I White S Fortimo SLM L19 CoB 71.0° / 94.0° 94 % 0.8 cd/lm 1 White I White I N N N N N N N N N N N N N		20 67 67 94	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	84.0° / 101.0° 92 % 0.6 cd/lm 1 White I White S Fortimo SLM L19 CoB 71.0° / 94.0° 94 % 0.8 cd/lm 1 White I White I N N N N N N N N N N N N N		20 67 67 94	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	84.0° / 101.0° 92 % 0.6 cd/lm 1 White I White S Fortimo SLM L19 CoB 71.0° / 94.0° 94 % 0.8 cd/lm 1 White I White I N N N N N N N N N N N N N		20 67 67 94	



PHILIP		91 ⁴ 91 ⁵
LED FWHM / FWTM	Fortimo SLM L23 CoB 67.0° / 96.0°	72
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 43		
	51 ()p = 1	
		30 ⁴ 500 30 ⁴ 30 ⁴
SAMSI	JNG	99 ¹ 99 ¹
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	83.0° / 101.0°	
Efficiency	93 %	
Peak intensity	0.6 cd/lm	50 ⁴ 64
LEDs/each optic	1	
Light colour	White	5° 5*
Required compone	nts:	
		00
		30° 23 ⁰ 0° 13°
SAMSU	JNG	9°
LED	LC040D / LC060D / LC080D	
FWHM / FWTM	77.0° / 104.0°	
Efficiency	93 %	egt 20 (et al.)
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	9 ² 40
Required compone	nts:	
		34" 55" 60 55" 34"
SAMSI		<u>34</u> <u>35</u> <u>66</u> <u>35</u> <u>36</u> <u>36</u> <u>36</u>
	JNG	50 31 ⁴ 23 ⁵ 0 ⁴ 25 ³ 32 ⁴
LED	JNG LC040D / LC060D / LC080D	22 23 23 23 23 23 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25
LED FWHM / FWTM	JNG	
LED FWHM / FWTM Efficiency	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity	JNG LC040D / LC060D / LC080D 76.0° / 102.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	JNG LC040D / LC060D / LC080D 76.0° / 102.0° 93 % 0.7 cd/lm 1 White	



SEOUL SEMICONDUCTOR			90 ⁴
LED	MJT COB LES 33		75*
FWHM / FWTM	68.0° / 106.0°		
Efficiency	93 %		60°
Peak intensity	0.7 cd/lm		
LEDs/each optic	1		
Light colour	White		g- 400
Required compone	ents:		
Bender Wirth: 4	58 Typ L4		
			30 30
			15° 0° 135°



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		90* 90
LED	V22 Gen7	
FWHM / FWTM	68.0° / 92.0°	75. 75
Efficiency	94 %	
Peak intensity	0.9 cd/lm	60° 60
LEDs/each optic	1	
Light colour	White	5° 65
Required components:	White	
Bender Wirth: 431 Ty		
Dender Witth. 431 Ty	p L4	
		36° 30° 30°
CITIZEN		
CITIZEN		90* 90
LED	CLL03x/CLU03x	73
FWHM / FWTM	76.0° / 93.0°	
Efficiency	96 %	60 ² 60
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	g. (
Required components:		
		600
		30° 30
		15° 0° 15°
		90* 90
LED	CMT28xx	
FWHM / FWTM	73.0° / 98.0°	75
Efficiency	91 %	
Peak intensity		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	0.7 cd/lm	
	0.7 cd/lm 1	
LEDs/each optic		gr. 400 g
LEDs/each optic Light colour	1	er
LEDs/each optic	1	ar 400 a
LEDs/each optic Light colour	1	er
LEDs/each optic Light colour	1	q;
LEDs/each optic Light colour Required components:	1 White	460 - 608 500 - 500
LEDs/each optic Light colour Required components:	1 White	er. 000 er
LEDs/each optic Light colour Required components:	1 White	er. 410 660 20 ³ 25 ³ 0 ⁴ 25 ³
LEDs/each optic Light colour Required components:	1 White	9 ⁵ 460 50 660 50 70 ⁶ 50 70 ⁶ 50 70 70 70 70 70 70 70 70 70 70 70 70 70
LEDs/each optic Light colour Required components:	1 White US CXM-32 68.0° / 104.0°	410 600 600 50 50 50 50 50 50 50 50 50 50 50 50 5
LEDs/each optic Light colour Required components:	1 White US CXM-32 68.0° / 104.0° 96 %	460 660 9 ¹⁰ 15 ⁷ 6 ¹⁰ 15 ⁷
LEDs/each optic Light colour Required components:	1 White US CXM-32 68.0° / 104.0°	80 60 60 60
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White US CXM-32 68.0° / 104.0° 96 % 0.7 cd/m 1	
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White US CXM-32 68.0° / 104.0° 96 % 0.7 cd/m	400 600 90 90 90 90 90 90 90 90 90 90 90 90 9
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White US CXM-32 68.0° / 104.0° 96 % 0.7 cd/m 1	
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White US CXM-32 68.0° / 104.0° 96 % 0.7 cd/m 1	
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PRODUCT DATASHEET FN14074_STELLA-HB

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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LEDiL Oy

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