

ZORYA-SC-C

 ${\sim}340^\circ$ decorative beam. Assembly with HEKLA adapter.

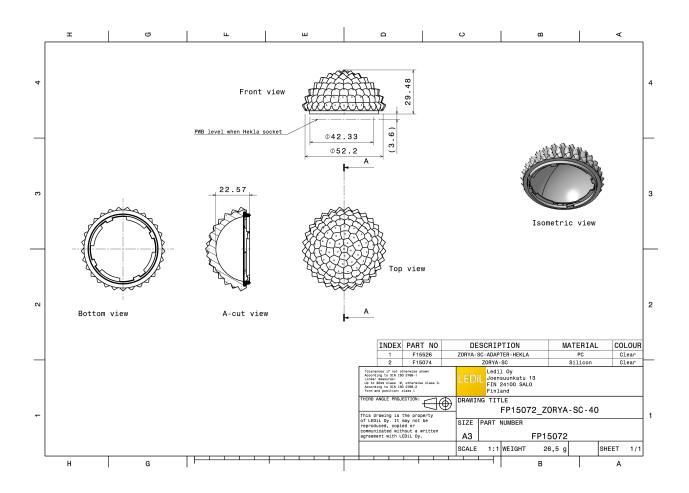
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 55.0 mm
Height	35 mm
Fastening	socket
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	3 kg
Quantity in Box	140 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component ZORYA-SC ZORYA-SC-ADAPTER-C **Type** Single lens Holder Material Silicone PC **Colour** clear



PRODUCT DATASHEET



PHOTOMETRIC DATA (MEASURED):

bridgelux.		
LED	VERO13	
FWHM	232.0°	90° 90°
Efficiency	94 %	
Peak intensity	0.130 cd/lm	75*
LEDs/each optic		
Light colour	White	
Required compor		
C16142_HEKL		45°
CI0142_HERL	A-SUCKET-K	130
		12° 0° 13°
bridgelux.		
LED	VERO18	
FWHM	161.0°	90*
Efficiency	94 %	70
Peak intensity	0.150 cd/lm	50
LEDs/each optic		
Light colour	White	
Required compor		
C16142_HEKL		65+ 65+
		150
		150 00 135
bridgelux.		
LED	Vesta TW 13mm (25W) CSP	
FWHM	Asymmetric	90* 90*
Efficiency	94 %	
Peak intensity	0.130 cd/lm	23° / / ~ / ~ / ~ / ~ / ~ / ~ / ~ / ~ / ~
LEDs/each optic		
Light colour	White	
Required compor		
C16142_HEKL		65, 63,
Bender Wirth: 4		150
Dender Wirth.	52 Typ L0	
		12° 0° 13°
bridgelux.		
LED	Vesta TW 9mm (12W) CSP	
FWHM	241.0°	90* 90* 90*
Efficiency	94 %	
Peak intensity	0.120 cd/lm	75*
LEDs/each optic		
Light colour	White	
Required compor		100
C16142_HEKL		45* 45*
		150
		15° 0° 15°



PHOTOMETRIC DATA (MEASURED):

CITIZE	NT Contraction of the second sec	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	CLC020 Series (Dim-To-Warm) 235.0° 92 % 0.130 cd/lm 1 White ents:	11, 0, 12, 0, 10, 10, 0, 10, 0, 0, 10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	CLC030 Series (Dim-To-Warm) 163.0° 94 % 0.140 cd/lm 1 White ents:	9° 8° 9° 8° 6° 8° 6° 8° 100 8°
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	LCN-C01B (Tunable White) 231.0° 94 % 0.130 cd/lm 1 White ents:	19° 2° 19° 6° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	LCN-C02B (Tunable White) 224.0° 94 % 0.130 cd/lm 1 White ents:	13. 2, 13. 61. 100 61. 62. 100 62. 70. 100 63. 70. 100 95. 70. 100 95.



PHOTOMETRIC DATA (MEASURED):

ELUMI	NUS	
LED	CDM-14 (Dim-To-Warm)	
FWHM	Asymmetric	90° 9 0°
Efficiency	88 %	
Peak intensity	0.120 cd/lm	23* () () () () () () () () () () () () ()
LEDs/each optic		
Light colour	White	
Required compor		100
C16142_HEKL		45°
Bender Wirth:		
		120
		15° 0° 15°
ELUMI	NUS	XXXXX
LED	CDM-6 (Dim-To-Warm)	
FWHM	Asymmetric	90* 90*
Efficiency	94 %	
Peak intensity	0.120 cd/lm	50
LEDs/each optic		
Light colour	White	
Required compor	ents:	
C16142_HEKL	A-SOCKET-K	45* 45
Bender Wirth:	190 Typ L8	150
		12° 0° 15°
	NUS	
LED	CDM-9 (Dim-To-Warm)	
FWHM	Asymmetric	90*
Efficiency	93 %	
Peak intensity	0.120 cd/lm	
LEDs/each optic	1	er See
Light colour	White	
Required compor	ents:	100
C16142_HEKL		6. 6.
Bender Wirth:	190 Typ L8	150
		15° 0° 15°
ELUMI	NUS	
LED	CTM-14 (Tunable White)	
FWHM	236.0°	90° V Q 90°
Efficiency	94 %	
	0.130 cd/lm	25*
Peak intensity		
Peak intensity LEDs/each optic		
LEDs/each optic		604 604
LEDs/each optic Light colour	1 White	69 69
LEDs/each optic Light colour Required compor	1 White ents:	6° 6° 20 6°
LEDs/each optic Light colour Required compor C16142_HEKL	1 White ents: A-SOCKET-K	6)*
LEDs/each optic Light colour Required compor	1 White ents: A-SOCKET-K	61 67 - 108 - 109 - 109

PRODUCT DATASHEET



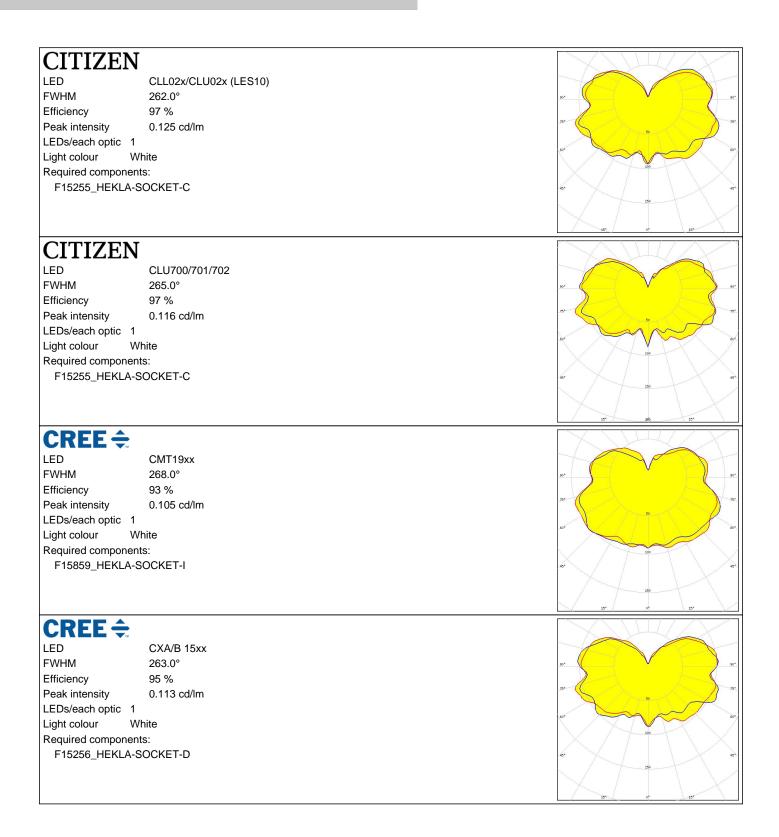
PHOTOMETRIC DATA (MEASURED):

		
ELUMI	NUS	
LED	CTM-9 (Tunable White)	
FWHM	254.0°	90* 90*
Efficiency	92 %	
Peak intensity	0.120 cd/lm	M [*]
LEDs/each optic		
Light colour	White	6°°
Required compor	nents:	100
C16142_HEKL		.67
Bender Wirth:	495 Typ L8	
ØNICHIA		122 06 122
LED	NJCWL024Z-V1MT: COB L-Type Tunable White	
FWHM	234.0°	
Efficiency	90 %	730-
Peak intensity	0.300 cd/lm	50 - 50 - 50 - 50 - 50 - 50 - 50 - 50 -
LEDs/each optic		604 604
Light colour	White	
Required compor		45*
C16142_HEKL		
Bender Wirth:	497 Typ L8	150
		15° 0° 15°
ØNICHIA		
NICHIA LED FWHM	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0°	
LED FWHM	NVCWJ024Z-V1MT: COB J-Type Tunable White	
LED FWHM Efficiency	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0°	
LED FWHM Efficiency Peak intensity	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/Im	
LED FWHM Efficiency	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/Im	
LED FWHM Efficiency Peak intensity LEDs/each optic	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents:	50 50 67 67
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White hents: A-SOCKET-K 498 Typ L8	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White hents: A-SOCKET-K 498 Typ L8	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: 4	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White hents: A-SOCKET-K 498 Typ L8	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: A SAMSU LED FWHM	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White hents: A-SOCKET-K 498 Typ L8 NCC LC010C G2 210.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: -	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NCC LC010C G2 210.0° 81 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: -	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NCC LC010C G2 210.0° 81 % 0.140 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: - SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NCG LC010C G2 210.0° 81 % 0.140 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: - SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NCG LC010C G2 210.0° 81 % 0.140 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: • SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NG LC010C G2 210.0° 81 % 0.140 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: - SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NG LC010C G2 210.0° 81 % 0.140 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16142_HEKL Bender Wirth: • SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVCWJ024Z-V1MT: COB J-Type Tunable White 224.0° 94 % 0.100 cd/lm 1 White nents: A-SOCKET-K 498 Typ L8 NG LC010C G2 210.0° 81 % 0.140 cd/lm 1 White nents:	

PRODUCT DATASHEET



PHOTOMETRIC DATA (SIMULATED):



PRODUCT DATASHEET



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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