

### **CARMEN-W-C-WHT**

~55° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. White version.

#### **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 69.5 mm
Height	41.5 mm
Fastening	socket
ROHS compliant	yes 🛈



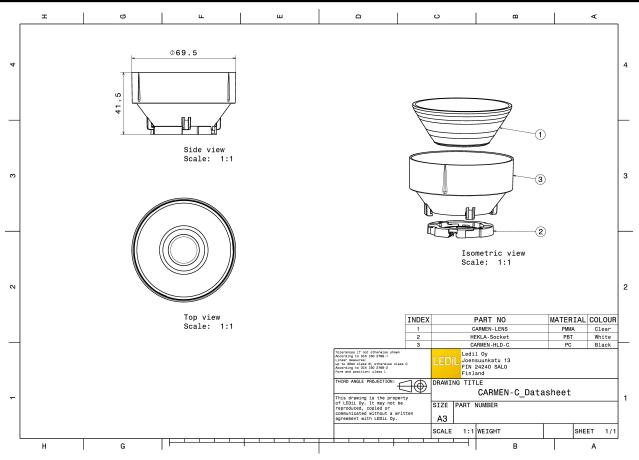
#### MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
CARMEN-W	Single lens	PMMA	clear	
CARMEN-HLD-C-WHT	Holder	PC	white	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP16939_CARMEN-W-C-WHT	Single lens	150	150	15	6.2
» Box size: 476 x 273 x 292 mm					





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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 43	-SOCKET-K	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	-SOCKET-K	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 48	-SOCKET-K	
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CLU700/701/702 52.0° / 75.0° 92 % 1.3 cd/lm 1 White nts:	



CITIZE	N	90 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA	CLU710/711 53.0° / 76.0° 89 % 1.2 cd/lm 1 White ents:	
CITIZE	N	25 <sup>4</sup> 0 <sup>4</sup> 25 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15255_HEKLA	CLU7B2 53.0° / 75.0° 93 % 1.2 cd/lm 1 White ents:	
		25°, 0°, 35°,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15256_HEKLA	CXA/B 15xx 55.0° / 79.0° 91 % 1.1 cd/lm 1 White ents: -SOCKET-D	
Control Contro	LUXEON CX Plus CoB L08 (Gen2) 63.0° / 92.0° 85 % 0.8 cd/lm 1 White ents:	



	.EDS	90*
LED	LUXEON CX Plus CoB - HD S01H4	<i>w</i>
FWHM / FWTM	50.0° / 77.0°	
Efficiency	89 %	60° - 400
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 6	34C HEKIA	
		2200
		30° 15° 15°
	EDS	20 <sup>4</sup>
LED	LUXEON CX Plus CoB - HD S01H6 / HD S02H6	
FWHM / FWTM	51.0° / 77.0°	
Efficiency	89 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	g. A
Required compone	ents:	
Bender Wirth: 6	34c Hekla	
		34"
	.EDS	
LED	LUXEON CX Plus CoB - HD S04H9	
FWHM / FWTM	53.0° / 80.0°	
Efficiency	88 %	
,		60 <sup>40</sup> - 400
Peak intensity	1.1 Cd/Im	
	1.1 cd/lm 1	
Peak intensity LEDs/each optic Light colour		
	1 White	er
LEDs/each optic Light colour	1 White ents:	e <sup>r</sup>
LEDs/each optic Light colour Required compone	1 White ents:	er
LEDs/each optic Light colour Required compone	1 White ents:	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla .EDS LUXEON CX Plus CoB L04 / L05 (Gen2)	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla .EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0°	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla .EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 %	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White onts: 34c Hekla .EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White white white 34c Hekla EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm 1	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White white 34c Hekla EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm 1 White	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White ents: 34c Hekla EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm 1 White ents:	
LEDs/each optic Light colour Required compone Bender Wirth: 6	1 White ents: 34c Hekla EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm 1 White ents:	
LEDs/each optic Light colour Required compone Bender Wirth: 6 WHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	1 White ents: 34c Hekla EDS LUXEON CX Plus CoB L04 / L05 (Gen2) 57.0° / 85.0° 87 % 1 cd/lm 1 White ents:	



🥙 LUMIL	EDS	99 <sup>4</sup>
LED	LUXEON CX Plus CoB M02 / M03 (Gen2)	
FWHM / FWTM	52.0° / 79.0°	
Efficiency	88 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	g.
Required compone	ents:	
Bender Wirth: 6	41a Hekla	
		20 <sup>4</sup> 120 20 0 <sup>4</sup> 12 <sup>3</sup>
	.EDS	24
LED	LUXEON CX Plus CoB S01 (Gen2)	
FWHM / FWTM	50.0° / 76.0°	
Efficiency	89 %	40 - 40
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	g
Required compone	ents:	
Bender Wirth: 6	34c Hekla	
		24
	.EDS	
LED	LUXEON Fusion 21-up (20x24)	
FWHM / FWTM	48.0° / 73.0°	
Efficiency	88 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	21	
Light colour	White	g*
Required compone	ents:	
C16142_HEKL/	A-SOCKET-K	
C16142_HEKL/ Bender Wirth: 4		
		2200 200 200 200
Bender Wirth: 4	42 Typ L8	2200 200 200 200 200 200 200 200 200 20
Bender Wirth: 4	42 Typ L8	<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
	42 Typ L8	
Bender Wirth: 4	42 Typ L8 INUS CxM-11 (19x19)	
Bender Wirth: 4	42 Typ L8 INUS CxM-11 (19x19) 60.0° / 83.0°	
Bender Wirth: 4	42 Typ L8 INUS CxM-11 (19x19) 60.0° / 83.0° 88 %	
Bender Wirth: 4	42 Typ L8 INUS CxM-11 (19x19) 60.0° / 83.0° 88 % 0.9 cd/lm	
Bender Wirth: 4	42 Typ L8 <b>INUS</b> CxM-11 (19x19) 60.0° / 83.0° 88 % 0.9 cd/lm 1 White	
Bender Wirth: 4	42 Typ L8 <b>INUS</b> CxM-11 (19x19) 60.0° / 83.0° 88 % 0.9 cd/lm 1 White ents:	
Bender Wirth: 4	42 Typ L8 <b>INUS</b> CxM-11 (19x19) 60.0° / 83.0° 88 % 0.9 cd/lm 1 White ents:	
Bender Wirth: 4	42 Typ L8 <b>INUS</b> CxM-11 (19x19) 60.0° / 83.0° 88 % 0.9 cd/lm 1 White ents:	



E-		
	INUS	50° 5
LED	CXM-3	
FWHM / FWTM	53.0° / 74.0°	
Efficiency	95 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	ST BO
Required compone	ents:	
F15255_HEKLA	-SOCKET-C	
	INUS	
LED	CXM-4	
FWHM / FWTM	52.0° / 74.0°	
Efficiency	92 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	e H
Required compone		
F15255_HEKLA		
1.10200_1121121		
		120
		30° 3
		/ <u>155</u> / of <u>155</u> *
SAMSI	ING	239 of 354
		23 <sup>5</sup> 0 <sup>4</sup> 12 <sup>5</sup>
LED	LC010T (Tunable White)	
LED FWHM / FWTM	LC010T (Tunable White) 52.0° / 77.0°	
LED FWHM / FWTM Efficiency	LC010T (Tunable White) 52.0° / 77.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White Ints: INSOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White Ints: INSOCKET-K	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ents: -SOCKET-K D1 Typ L8	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White Ints: IN-SOCKET-K D1 Typ L8	125 de 125
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White Ints: INSOCKET-K D1 Typ L8	125 de 125
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K 01 Typ L8 XOB 6 mm 54.0° / 76.0°	125 de 125
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICATC</b> LED FWHM / FWTM Efficiency	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 %	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICATC</b> LED FWHM / FWTM Efficiency Peak intensity	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: A-SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICCATC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: A-SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm 1	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICCATCO</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K 01 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm 1 White	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICATCO</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm 1 White ints:	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICCATCO</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm 1 White ints:	157 de 157
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16142_HEKLA Bender Wirth: 50 <b>XICATC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC010T (Tunable White) 52.0° / 77.0° 87 % 1.2 cd/lm 1 Tunable White ints: -SOCKET-K D1 Typ L8 XOB 6 mm 54.0° / 76.0° 91 % 1.2 cd/lm 1 White ints:	125 de 125



XICATO	)		50°
LED	XOB 9.8 mm		75
FWHM / FWTM	54.0° / 79.0°		
Efficiency	90 %		60* 400 66
Peak intensity	1.1 cd/lm		
LEDs/each optic	1		
Light colour	White		er la
Required compone	ents:		800
F15255_HEKLA	-SOCKET-C		
			$\times$ $\wedge$ $\wedge$ $\lambda$
			304
			1230 15° 0° 15°



### PHOTOMETRIC DATA (SIMULATED):

CITIZEN	J	90* 907
LED	CLL02x/CLU02x (LES10)	
FWHM / FWTM	54.0° / 76.0°	25.
Efficiency	87 %	40
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	gr e
Required component	5:	90°
TRIDON	C	90 <sup>+</sup>
LED	SLE G7 LES09	
FWHM / FWTM	51.0° / 76.0°	75
Efficiency	90 %	60° - 400
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 860 85
Required components	5:	
F15255_HEKLA-S	OCKET-C	2 <sup>40</sup> 11 12 12 12 12 12 12 12 12 12 12 12 12