

PRODUCT DATASHEET CP17694_AMY-50-S-C

AMY-50-S-C

~18° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	13 mm
Fastening	socket
ROHS compliant	yes 🛈



Colour

black

Finish

MATERIAL SPECIFICATIONS:

Component
AMY-50-S
AMY-50-HLD-C

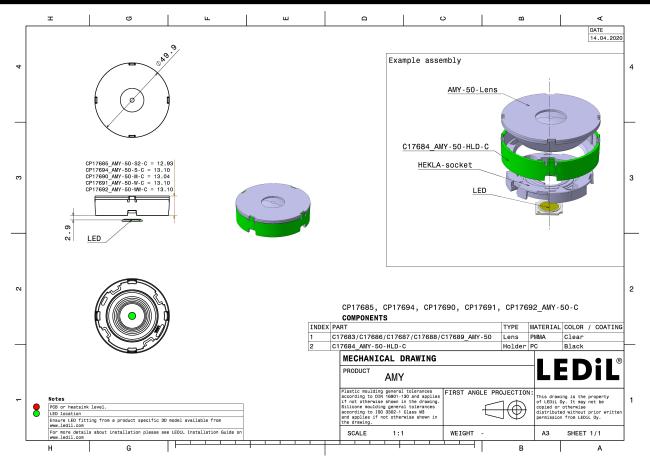
Туре	Material
Single lens	PMMA
Holder	PC

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17694_AMY-50-S-C	510	120	30	9.1
» Box size: 480 x 280 x 300 mm				



PRODUCT DATASHEET CP17694_AMY-50-S-C



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



bridgelux.		
LED	V4 HD	
FWHM / FWTM	10.0° / 24.0°	
Efficiency	93 %	
Peak intensity	14.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer	nts:	
F15253_HEKLA-		
bridgelux.		
LED	V6 HD	
FWHM / FWTM	12.0° / 28.0°	
Efficiency	92 %	
Peak intensity	11 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer	nts:	
F15255_HEKLA-	-SOCKET-C	
bridgelux.		
LED	V9 HD	
FWHM / FWTM	16.0° / 33.0°	
Efficiency	90 %	
Peak intensity	7.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer		
F15859_HEKLA-	-SOCKET-I	
bridgelux.		
LED	VERO10	
FWHM / FWTM	17.0° / 36.0°	
Efficiency	90 %	
Peak intensity	6.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer		
F15616_HEKLA-	-SOCKET-F	
1		



bridgolus			· · · · · · · · · · · · · · · · · · ·	
brídgelux.				
	Vesta TW 13mm (18W) DP		75.	
FWHM / FWTM	25.0° / 49.0°			
Efficiency	86 %		60°	$\langle \rangle$
Peak intensity	3.3 cd/lm		1690	
LEDs/each optic	1 Turachta Wikita			
Light colour	Tunable White			
Required compone			2490	
C16142_HEKLA Bender Wirth: 4				
Bender Wirtin. 4	92 Typ Lo		30"	
CITIZE	N		20°) V° 10°	
LED	CLL02x/CLU02x (LES10)			
FWHM / FWTM	18.0° / 36.0°			
Efficiency	89 %			
Peak intensity	6.1 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone				
F17435_HEKLA				
CITIZE	N			
	CLL03x/CLU03x			
LED				
LED FWHM / FWTM	CLL03x/CLU03x			
LED FWHM / FWTM Efficiency	CLL03x/CLU03x 26.0° / 50.0°			
LED FWHM / FWTM Efficiency Peak intensity	CLL03x/CLU03x 26.0° / 50.0° 86 %			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm			
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: L-G2-I			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: k-G2-I			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: G2-I			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: L-G2-I			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM Efficiency	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I N CLU700/701/702 13.0° / 28.0° 90 %			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM Efficiency Peak intensity	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I 'N CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm 1			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I '.N CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm 1 White			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm 1 White ents:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm 1 White ents:			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLL03x/CLU03x 26.0° / 50.0° 86 % 3.1 cd/lm 1 White ents: A-G2-I CLU700/701/702 13.0° / 28.0° 90 % 11.2 cd/lm 1 White ents:			



CITIZEN

LED	CLU
FWHM / FWTM	10.0
Efficiency	91 %
Peak intensity	15.3
LEDs/each optic	1
Light colour	Whit
Required componen	ts:
F17435_HEKLA-0	G2-C





CITIZEN

 LED
 CLU7B2

 FWHM / FWTM
 9.0° / 22.0°

 Efficiency
 91 %

 Peak intensity
 18.2 cd/m

 LEDs/each optic
 1

 Light colour
 White

 Required components
 F17435_HEKLA-G2-C



CREE ≑

 LED
 CMA1516

 FWHM / FWTM
 17.0° / 35.0°

 Efficiency
 90 %

 Peak intensity
 6.7 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17436_HEKLA-G2-D



CREE ≑

 LED
 CMA1825

 FWHM / FWTM
 23.0° / 45.0°

 Efficiency
 89 %

 Peak intensity
 4 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components
 F15254_HEKLA-SOCKET-B





CREE -	TM	
LED	CMT14xx	
FWHM / FWTM	18.0° / 37.0°	
Efficiency	89 %	
Peak intensity	6.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
F17435_HEKLA	1-G2-C	
CREE -		
LED	CMT19xx	
FWHM / FWTM	26.0° / 51.0°	
Efficiency	87 %	
Peak intensity	3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
F17438_HEKLA	4-G2-I	
CREE -		
LED	CXA/B 13xx	
FWHM / FWTM	12.0° / 27.0°	
Efficiency	92 %	
Peak intensity	12 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
F17439_HEKLA	ŀ-G2-J	
CREE -		
	CXA/B 15xx	
LED		
	15.0°/34.0°	
FWHM / FWTM	15.0° / 34.0° 90 %	
FWHM / FWTM Efficiency	90 %	
FWHM / FWTM Efficiency Peak intensity		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90 % 7.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 7.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA	90 % 7.4 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 7.4 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 7.4 cd/lm 1 White ents:	



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 LED
 LEDIM/C6

 FWHM / FWTM
 19.0° / 37.0

 Efficiency
 90 %

 Peak intensity
 6.2 cd/lm

 LEDs/each optic
 9

 Light colour
 White

 Required components:
 F17438_HEKLA-G2-I





LEDLUXEFWHM / FWTM17.0° /Efficiency89 %Peak intensity6.9 cdLEDs/each optic1Light colourWhiteRequired componentsF17437_HEKLA-G2-H

LUXEON CoB 1202/1203 17.0° / 35.0° 89 % 6.9 cd/lm 1 White ts:



 LED
 LUXE

 FWHM / FWTM
 17.0°

 Efficiency
 89 %

 Peak intensity
 6.8 cm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17437_HEKLA-G2-H

LUXEON CoB 1204HD 17.0° / 35.0° 89 % 6.8 cd/lm 1 White tts:



LEDLUXEFWHM / FWTM16.0°.Efficiency90 %Peak intensity7.5 cdLEDs/each optic1Light colourWhiteRequired componentsF17436_HEKLA-G2-D







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		There is not	

LED	LUXEON CoB S01			
FWHM / FWTM	12.0° / 27.0°			
Efficiency	91 %			
Peak intensity	12.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required components:				
F17439_HEKLA-G2-J				



 LED
 CXM-3

 FWHM / FWTM
 10.0° / 22.0°

 Efficiency
 91 %

 Peak intensity
 17.7 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17435_HEKLA-G2-C



 LED
 CXM-4

 FWHM / FWTM
 10.0° / 24.0°

 Efficiency
 91 %

 Peak intensity
 14.9 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17435_HEKLA-G2-C



ΜΝΙCΗΙΛ

 LED
 COB L-Type

 FWHM / FWTM
 13.0° / 29.0°

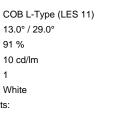
 Efficiency
 91 %

 Peak intensity
 10 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17437_HEKLA-G2-H







LED	COB L-Type (LES 11)		
FWHM / FWTM	22.0° / 43.0°		
Efficiency	88 %		
Peak intensity	4.4 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
F17437_HEKLA-G2-H			



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 LED
 COB L-Type

 FWHM / FWTM
 16.0° / 34.0°

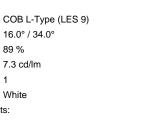
 Efficiency
 89 %

 Peak intensity
 7.3 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 F17437_HEKLA-G2-H





PHILIPS

LED Forting FWHM / FWTM 17.0° / Efficiency 89 % Peak intensity 6.8 cd/ LEDs/each optic 1 Light colour White Required components F17437_HEKLA-G2-H

Fortimo SLM L09 CoB 17.0° / 35.0° 89 % 6.8 cd/lm 1 White ts:



SAMSUNG

 LED
 LC0

 FWHM / FWTM
 17.0

 Efficiency
 89 %

 Peak intensity
 6.3 c

 LEDs/each optic
 1

 Light colour
 Whit

 Required components:
 F17435_HEKLA-S2-C

LC003D / LC006D / LC009D / LC013D 17.0° / 36.0° 89 % 6.3 cd/lm 1 White ts:





SAMSUNG

LLD	LOU
FWHM / FWTM	28.0
Efficiency	86 9
Peak intensity	2.7
LEDs/each optic	1
Light colour	Wh
Required component	ts:
F17438_HEKLA-0	G2-I

LC016D / LC019D / LC026D / LC033D 28.0° / 55.0° 86 % 2.7 cd/lm White



SAMSUNG

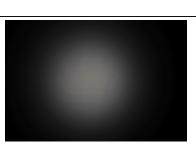
LED LC040C FWHM / FWTM 21.0° / 42.0° Efficiency 88 % Peak intensity 4.5 cd/lm LEDs/each optic 1 White Light colour Required components: F17438_HEKLA-G2-I





LED

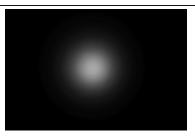
MJT COB LES 14.5 FWHM / FWTM 28.0° / 53.0° Efficiency 86 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I



SEOUL

SEOUL SEMICONDUCTOR LED FWHM / FWTM 12.0° / 27.0° Efficiency 91 % Peak intensity 11.9 cd/lm LEDs/each optic 1 White Light colour Required components: F17435_HEKLA-G2-C







SEOUL				
	MJT COB LES 9.8			
FWHM / FWTM	18.0° / 37.0°			
Efficiency	89 %			
Peak intensity	6 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone				
F17435_HEKLA	4-G2-C			
TRIDO	NIC			
LED	SLE G7 LES09			
FWHM / FWTM	16.0° / 34.0°			
Efficiency	89 %			
Peak intensity	7 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone	ents:			
Required compone F15848_HEKL				
	A-SOCKET-G		 	
	A-SOCKET-G			
F15848_HEKL/	A-SOCKET-G			
F15848_HEKLA	A-SOCKET-G			
F15848_HEKLA	A-SOCKET-G NIC SLE G7 LES13			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency	A-SOCKET-G NIC SLE G7 LES13 25.0° / 48.0°			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 %			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents:			
F15848_HEKL/	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I			
F15848_HEKL/ TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKL/ TRIDON	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White sents: A-G2-1 NIC			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I SLE G7 LES15			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I SLE G7 LES15 27.0° / 53.0°			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I NIC SLE G7 LES15 27.0° / 53.0° 86 %			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I SLE G7 LES15 27.0° / 53.0° 86 % 2.9 cd/lm			
F15848_HEKLA	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I SLE G7 LES15 27.0° / 53.0° 86 % 2.9 cd/lm 1 White			
F15848_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	A-SOCKET-G SLE G7 LES13 25.0° / 48.0° 87 % 3.5 cd/lm 1 White ents: A-G2-I NICC SLE G7 LES15 27.0° / 53.0° 86 % 2.9 cd/lm 1 White ents:			



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		50*	90*
LED	Vesta TW 9mm (12W) CSP		
FWHM / FWTM	18.1° / 32.2 + 31.2°	25	- 25*
Efficiency	81 %		
-	7.1 cd/lm	60*	60.0
Peak intensity		200	
LEDs/each optic	1		
Light colour	White	400	-
Required components			
C16142_HEKLA-S	JUKET-K		
		300	36.
CITIZEN	т		
CITIZEN		50°	90*
LED	CLL02x/CLU02x (LES10)	75	75*
FWHM / FWTM	18.1° / 33.2 + 34.2°	500	
Efficiency	87 %	eye	60*
Peak intensity	6.8 cd/lm		
LEDs/each optic	1		
Light colour	White	97°	45°
Required components	:	4000	
F15255_HEKLA-S	DCKET-C		
		600	
		×*	30*
	_	135 ⁴ 0 ⁴ 15°	
OTHICTL			
CITIZEN		90*	90*
	CLU700/701/702	50*	90*
		50 ³	90°
LED	CLU700/701/702	99 ⁵	90°
LED FWHM / FWTM Efficiency	CLU700/701/702 11.3° / 22.1°	99 ⁵	90* 25* 60*
LED FWHM / FWTM Efficiency Peak intensity	CLU700/701/702 11.3° / 22.1° 91 %	99* 757 604 604	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm	9° 77 97 97 90 90 90	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White	99* 29* 00 00 00 00	90* 75* 00*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White	95° 737 660 670 600 600	90. 90.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White	5°. 50 50 50 50 50 50 50 50 50 50 50 50 50	90° 25°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White	30 ⁻	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White :: DCKET-C	59° 73° 50° 50° 50° 50° 50° 50° 50° 50° 50° 50	30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White :: DCKET-C	29°	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-S	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White :: CCKET-C	30* 15% 16% 55*	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-Si	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White :: DCKET-C	30* 15% 16% 55*	90° 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-Si CITTIZED LED FWHM / FWTM	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White :: DCKET-C	50°	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St CITIZEN LED FWHM / FWTM Efficiency	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White : DCKET-C	50°	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-S CITTIZED ED FWHM / FWTM Efficiency Peak intensity	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White : DCKET-C	50°	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-S CITTIZED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White : DCKET-C	50°	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-S CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White CLU710/711 16.1° / 30.2° 89 % 8.7 cd/lm 1 White	50°	90,e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St CITIZED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White CLU710/711 16.1° / 30.2° 89 % 8.7 cd/lm 1 White :	50°	90,e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-S CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White CLU710/711 16.1° / 30.2° 89 % 8.7 cd/lm 1 White :	50°	90,e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St CITIZED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White CLU710/711 16.1° / 30.2° 89 % 8.7 cd/lm 1 White :	50°	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components F15255_HEKLA-St CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	CLU700/701/702 11.3° / 22.1° 91 % 15 cd/lm 1 White CLU710/711 16.1° / 30.2° 89 % 8.7 cd/lm 1 White :	50°	90,e



PHOTOMETRIC DATA (SIMULATED):

COMILE	DS	50°
LED	LUXEON CoB 1202/1203	
FWHM / FWTM	16.1° / 30.2°	75
Efficiency	88 %	
Peak intensity	8.2 cd/lm	300
LEDs/each optic	1	
Light colour	White	97
Required component	S:	
F15858_HEKLA-S	SOCKET-H	600
		306
	NO	
SVWSN	NG	90*
LED	LC003D / LC006D / LC009D / LC013D	75*
FWHM / FWTM	16.1° / 32.2°	200
Efficiency	87 %	60
D 1 1 1 1	7.4 cd/lm	
Peak intensity		
LEDs/each optic	1	
		5 ⁵
LEDs/each optic Light colour Required component	1 White s:	gr
LEDs/each optic Light colour	1 White s:	gr
LEDs/each optic Light colour Required component	1 White s:	ex.



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.

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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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