# mail

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# **BROOKE-G2-S**

~20° spot beam compatible with LEDiL HEKLA.

### **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 45.0 mm
Height	18.9 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	4.8 kg
Quantity in Box	720 pcs
ROHS compliant	yes 🛈



PRODUCT DATASHEET F14738\_BROOKE-G2-S

### **MATERIAL SPECIFICATIONS:**

Component **BROOKE-G2-S**  Туре Reflector Material

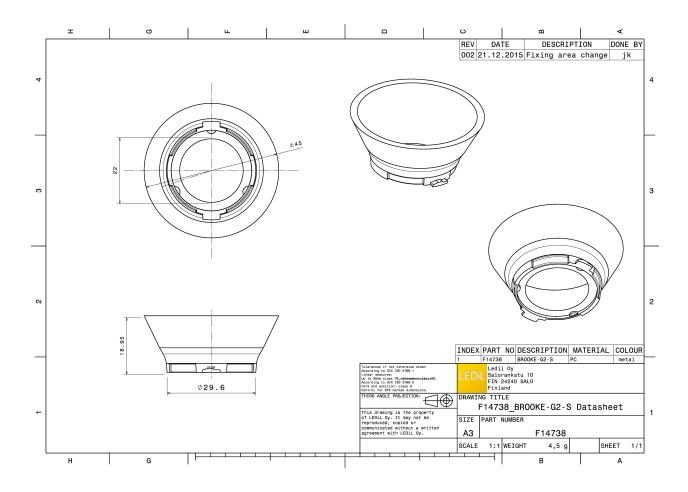
PC

Colour

metal

Coating HMDS

# PRODUCT DATASHEET F14738\_BROOKE-G2-S





bridgetux. LED FWHM Efficiency Peak intensity Required comp E15255 HEK		50° 50° 50°
	BARA-RZ-LENS	24- 12, 6, 12, 24,
bridgelux. LED FWHM Efficiency Peak intensity Required comp F15616_HEk		5. 6. 6. 700 700 700 700 700 700 700 700 700 70
bridgetux. LED FWHM Efficiency Peak intensity Required comp C16142_HEP		50. 50. 50. 50. 50. 50. 50. 50.
bridgelux. LED FWHM Efficiency Peak intensity Required comp LEDiL: C161		200 200 200 200 200 200 200 200



bridgelux.			90* 90*
LED	Vesta DTW 15mm (33W)		75.
FWHM	27.0°		
Efficiency	91 %		60 <sup>6</sup>
Peak intensity	2.100 cd/lm		
Required comp	oonents:		
C16142_HE	KLA-SOCKET-K		-1630
Bender Wirth	n: 491 Typ L8		
			30* 35* 0* 35*
bridgelux.			90°
LED	Vesta DTW 15mm (33W)		75
FWHM	33.0°		400
Efficiency	84 %		60° - 60°
Peak intensity	1.500 cd/lm		
Required comp	oonents:		
C16142_HE	KLA-SOCKET-K		1200
C14658_BA	RBARA-RZ-LENS		
Bender Wirth	n: 491 Typ L8		30° <u>150</u> 31°
bridgelux.			90*
LED	Vesta DTW 9mm (6W/12W)		75
FWHM	18.0°		
Efficiency	92 %		60* 60* 60*
Peak intensity	4.400 cd/lm		
Required comp	oonents:	-	
C16142 HE	KLA-SOCKET-K		3230
	n: 490 Typ L8		
			30° 600 20° 32°
			2)* 25 <sup>7</sup> 46 <sup>1</sup> 0 25 <sup>7</sup>
Bender Wirth			30 <sup>+</sup> 20 <sup>+</sup> 20 <sup>+</sup>
Bender Wirth	n: 490 Typ L8		20 20 20 20 20 20 20 20 20 20 20 20 20 2
Bender Wirth	n: 490 Typ L8 Vesta DTW 9mm (6W/12W)		64 <sup>-</sup> 84 <sup>-</sup>
Bender Wirth bridgelux. LED FWHM	n: 490 Typ L8 Vesta DTW 9mm (6W/12W) 22.0° 87 %		34 <sup>1</sup> 25 <sup>1</sup> 46 <sup>1</sup> / <sub>10</sub> 25 <sup>2</sup> 3 <sup>4</sup>
Bender Wirth bridgelux. LED FWHM Efficiency	n: 490 Typ L8 Vesta DTW 9mm (6W/12W) 22.0° 87 % 2.700 cd/lm		27 - 100 - 27
Bender Wirth bridgelux. LED FWHM Efficiency Peak intensity Required comp	n: 490 Typ L8 Vesta DTW 9mm (6W/12W) 22.0° 87 % 2.700 cd/lm		21 <sup>-</sup> 22 <sup>-</sup> 40 <sup>-</sup> 2 <sup>-</sup> 2 <sup>-</sup> 3 <sup>-</sup>
Bender Wirth bridgelux. LED FWHM Efficiency Peak intensity Required comp C16142_HE C14658_BA	N: 490 Typ L8 Vesta DTW 9mm (6W/12W) 22.0° 87 % 2.700 cd/lm ponents: KLA-SOCKET-K RBARA-RZ-LENS		
Bender Wirth bridgelux. LED FWHM Efficiency Peak intensity Required comp C16142_HE C14658_BA	n: 490 Typ L8 Vesta DTW 9mm (6W/12W) 22.0° 87 % 2.700 cd/lm ponents: <la-socket-k< td=""><th></th><td>27</td></la-socket-k<>		27



<b>F</b>		
CITIZE	N	90* 90
LED	CLC020 Series (Dim-To-Warm)	
FWHM	26.0°	400
Efficiency	84 %	60 <sup>4</sup> 60
Peak intensity	2.000 cd/lm	
Required com		4 <sup>57</sup> - <u>1200</u> - 4 <sup>5</sup>
	KLA-SOCKET-K	160
C14658_BA	RBARA-RZ-LENS	
Bender Wirtl	n: 487 Typ L8	306 35 00 35°
CITIZE	N	90 <sup>4</sup>
LED	CLC030 Series (Dim-To-Warm)	
FWHM	30.0°	400
Efficiency	%	63* es
Peak intensity	1.600 cd/lm	
Required com	ponents:	
C16142_HE	KLA-SOCKET-K	1220
C14658_BA	RBARA-RZ-LENS	
Bender Wirtl	n: 436 Typ L8	30. 157 0. 159
CITIZE	N	30*
LED	CLC030 Series (Dim-To-Warm)	75
FWHM	23.0°	
Efficiency	89 %	600 600 F
Peak intensity	2.200 cd/lm	
Required com	ponents:	
C16142_HE	KLA-SOCKET-K	1690
		30° 28 <sup>00</sup> 30
CITIZE	N	90° 90
LED	CLL02x/CLU02x (LES10)	75-
FWHM	16.0°	
Efficiency	94 %	
Peak intensity	4.800 cd/lm	
Required com	ponents:	5° 200
F15255_HE	KLA-SOCKET-C	
		36° 30



# CITIZEN

 LED
 CLL02x/CLU02x (LES10)

 FWHM
 16.0°

 Efficiency
 94 %

 Peak intensity
 4.800 cd/lm

 Required components:
 F15255\_HEKLA-SOCKET-C

# CITIZEN

LED	CLU LES 4.2mm (HI-Ver.3)			
FWHM	8.0°			
Efficiency 94 %				
Peak intensity	Peak intensity 15.900 cd/lm			
Required comp	onents:			
F15255_HEKLA-SOCKET-C				



PRODUCT DATASHEET F14738\_BROOKE-G2-S

# CITIZEN

LED	CLU700/701			
FWHM	12.0°			
Efficiency 94 %				
Peak intensity	7.750 cd/lm			
Required comp	onents:			
F15255_HEKLA-SOCKET-C				

# CITIZEN

 LED
 LCN-C01B (Tunable White)

 FWHM
 25.0°

 Efficiency
 86 %

 Peak intensity
 2.200 cd/lm

 Required com>-ents:

 C16142\_HEKLA-SOCKET-K

 C14658\_BARA-RZ-LENS

 Bender Wirth: 481 Typ L8

Last update: 25/05/2018Subject to change without prior noticePublished: 02/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.6/17



OTTTT		7
	LCN-C02B (Tunable White) 27.0° 89 % 2.300 cd/lm ponents: :KLA-SOCKET-K	20 <sup>1</sup>
C14658_BA	LCN-C02B (Tunable White) 32.0° 84 % 1.600 cd/lm	
CREE	CMA1516 18.0° 94 % 4.200 cd/lm	
CREE C LED FWHM Efficiency Peak intensity Required com F15254_HE	CMA1825 24.0° 94 % 2.700 cd/lm	



CREE \$         LED       CXA/B 13xx         FWHM       11.0°         Efficiency       94 %         Peak intensity       8.200 cd/m         Required components:       F15956_HEKLA-SOCKET-J         F15956_HEKLA-SOCKET-J       Image: Components:         FVMM       16.0°         Efficiency       94 %         Peak intensity       4.400 cd/m         Required components:       F15256_HEKLA-SOCKET-D         F15256_HEKLA-SOCKET-D       Image: Components:         F15256_HEKLA-SOCKET-K       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       Image: Components:         C16142_HEKLA-SOCKET-K       Image: Components: </th <th></th> <th></th> <th></th> <th></th>				
FWHM 11.0° Efficiency 94 % Peak intensity 1.800 cd/lm Required components: F15956_HEKLA-SOCKET-J CREEC LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D CM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 CDM-6 (Dim-To-Warm)		TM		90* 90
Efficiency 94 % Peak intensity 8.200 cd/lm Required components: F15956_HEKLA-SOCKET-J CREE LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D EED CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 ED CDM-6 (Dim-To-Warm)	LED	CXA/B 13xx		25
Peak intensity 8.200 cd/lm Required components: F15956_HEKLA-SOCKET-J CREE LED CXA/B 15xx FWHM 16.0° Efficiency 94% Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83% Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-R2-LENS Bender Wirth: 491 Typ L8 CDM-6 (Dim-To-Warm)	FWHM	11.0°		
Required components: F15956_HEKLA-SOCKET-J CREE LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C16458_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 CDM-6 (Dim-To-Warm)	Efficiency	94 %		60 60
F15956_HEKLA-SOCKET-J	Peak intensity	8.200 cd/lm		
CREE \$ LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D				
LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D	F15956_HE	(LA-SOCKET-J		649
LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D				
LED CXA/B 15xx FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D				30 - 15 - 50
FWHM 16.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D F15256_HEKLA-SOCKET-D FUDMINUS LED CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C16458_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 LED CDM-6 (Dim-To-Warm)	CREE 4	TV		90° 90
Efficiency 94 % Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D	LED	CXA/B 15xx		737
Peak intensity 4.400 cd/lm Required components: F15256_HEKLA-SOCKET-D	FWHM	16.0°		
Required components: F15256_HEKLA-SOCKET-D	Efficiency	94 %		69 <sup>1</sup> 1000 60
F15256_HEKLA-SOCKET-D         Image: CDMINUS         LED       CDM-14 (Dim-To-Warm)         FWHM       28.0°         Efficiency       83 %         Peak intensity       1.800 cd/lm         Required components:       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       C14658_BARBARA-RZ-LENS         Bender Wirth: 491 Typ L8       Image: CDM-6 (Dim-To-Warm)	Peak intensity	4.400 cd/lm		X /
Image: CDM-14 (Dim-To-Warm)         FWHM       28.0°         Efficiency       83 %         Peak intensity       1.800 cd/lm         Required components:       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K       Demode of the second of the seco	Required comp	onents:		er ez
LED CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C161458_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8	F15256_HE	(LA-SOCKET-D		3220
LED CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C161458_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8				
LED CDM-14 (Dim-To-Warm) FWHM 28.0° Efficiency 83 % Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8				364 30 15 <sup>10</sup> 4500 15 <sup>10</sup> 30
FWHM 28.0°   Efficiency 83 %   Peak intensity 1.800 cd/lm   Required components: C16142_HEKLA-SOCKET-K   C16142_HEKLA-SOCKET-K   C14658_BARBARA-RZ-LENS   Bender Wirth: 491 Typ L8		NUS		90* 90
FWHM       28.0°         Efficiency       83 %         Peak intensity       1.800 cd/lm         Required components:       C16142_HEKLA-SOCKET-K         C16142_HEKLA-SOCKET-K         C14658_BARBARA-RZ-LENS         Bender Wirth:       491 Typ L8         ***********************************	LED	CDM-14 (Dim-To-Warm)	and the second se	73
Peak intensity 1.800 cd/lm Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 CDM-6 (Dim-To-Warm)	FWHM			400
Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8 CDM-6 (Dim-To-Warm)	Efficiency	83 %		
C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8	Peak intensity	1.800 cd/lm		
C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8	Required comp	onents:		er i
Bender Wirth: 491 Typ L8				$X \land X$
LED CDM-6 (Dim-To-Warm)				1600
LED CDM-6 (Dim-To-Warm)	Bender Wirth	: 491 Typ L8		304 35 00 36
		NUS		50° 50
FWHM 18.0°	LED	CDM-6 (Dim-To-Warm)		75
	FWHM	18.0°		
Efficiency 86 %	-			60
Peak intensity 3.600 cd/lm				
Required components:				5°
C16142_HEKLA-SOCKET-K				X    X
				320
C14658_BARBARA-RZ-LENS	Bender Wirth	: 490 Typ L8		30° 30 30



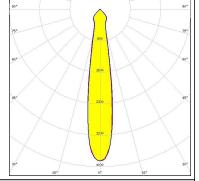
(C) LUM	INUS		90* 90*
LED	CDM-9 (Dim-To-Warm)		73.
FWHM	17.0°		
Efficiency	90 %		60 <sup>4</sup>
Peak intensity	4.800 cd/lm		X /
Required com	ponents:		87° 57°
C16142_HE	KLA-SOCKET-K		
Bender Wirt	h: 490 Typ L8		
			36° 60° 36°
( LUM	INUS		30*
LED	CDM-9 (Dim-To-Warm)		75
FWHM	21.0°		
Efficiency	85 %		60°
Peak intensity	3.100 cd/lm		
Required com	ponents:		5°
C16142_HE	KLA-SOCKET-K		300
C14658_BA	RBARA-RZ-LENS		
Bender Wirt	h: 490 Typ L8		36° <u>3250</u> 36° 15° 0° 15°
() LUM	INUS		90 <sup>4</sup> 90 <sup>5</sup>
LED	CTM-9 (Tunable White)		75
FWHM	22.0°		800
Efficiency	85 %		60°-
Peak intensity	2.800 cd/lm	and the second	100
Required com			
	KLA-SOCKET-K		
	RBARA-RZ-LENS		200
Bender Wirt	h: 495 Typ L8		36* 35* 0* 35*
<b>ELUM</b>	INUS		<u>30*</u>
LED	CXM-14		73.
FWHM	29.0°		
Efficiency	94 %		60° - 60°
Peak intensity			
Required com			
F15859_HE	KLA-SOCKET-I		500
			30* 15 0* 15



### LUMINUS

LED CXM-9 FWHM 18.0° Efficiency 94 % Peak intensity 3.900 cd/lm Required components: F15255\_HEKLA-SOCKET-C





PRODUCT DATASHEET F14738\_BROOKE-G2-S

# **SAMSUNG**

LED COB D Series LES 9.8 mm FWHM 18.0° 94 % Efficiency Peak intensity 4.300 cd/lm Required components: F15255\_HEKLA-SOCKET-C

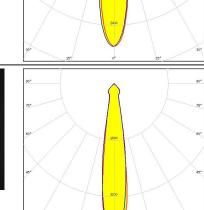
### **SAMSUNG** LED COB D Series LES 9.8 mm

FWHM 22.0° Efficiency 90 % Peak intensity 2.800 cd/lm Required components: F15255 HEKLA-SOCKET-C C14658 BARBARA-RZ-LENS

# SAMSUNG

LED COB D Series LES 9.8 mm FWHM 18.0° 94 % Efficiency Peak intensity 4.300 cd/lm Required components: F15255\_HEKLA-SOCKET-C





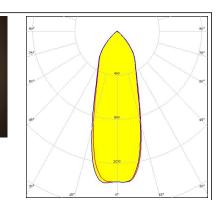


FWHM 11.0° Efficiency 93 % Peak intensity 8.300 cd/lm Required components: F15255_HEKLA-SOCKET-C	0.0.0.0.0		
FWHM 11.0° Efficiency 93 % Peak intensity 9.000 cd/m Required components: F15255_HEKLA-SOCKET-C WIT COB LES 6 FWHM 11.0° Efficiency 93 % Peak intensity 8.300 cd/m Required components: F15255_HEKLA-SOCKET-C FIDED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/m Required components: F15255_HEKLA-SOCKET-C FIDED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/m Required components: F15255_HEKLA-SOCKET-C			90*
Efficiency 93 % Peak intensity 9.000 cd/m Required components: F15255_HEKLA-SOCKET-C WIT COB LES 6 FWHM 11.0° Efficiency 93 % Peak intensity 8.300 cd/m Required components: F15255_HEKLA-SOCKET-C FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/m Required components: F15255_HEKLA-SOCKET-C F15255_HEKLA-SOCKET-C FUED SLE G1 11mm 1000Im 927 Sunset R EXC FWHM 27.0° Efficiency 97 % Peak intensity 1.900 cd/m Required components: F15255_HEKLA-SOCKET-1			75* 25*
Peak intensity 9.000 cd/lm Required components: F15255_HEKLA-SOCKET-C			60 <sup>1</sup> 00 <sup>2</sup>
Required components: F15255_HEKLA-SOCKET-C WINT COB LES 6 FWHM 11.0° Efficiency 93 % Peak intensity 8.300 cd/lm Required components: F15255_HEKLA-SOCKET-C FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C FUHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C FUED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15855_HEKLA-SOCKET-I	-		$\langle / / / / \rangle > 2$
F15255_HEKLA-SOCKET-C	-		er
ILED MJT COB LES 6 FWHM 11.0° Efficiency 93 % Peak intensity 8.300 cd/lm Required components: F15255_HEKLA-SOCKET-C IED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C IED SLE G1 11mm 1000im 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15855_HEKLA-SOCKET-1			000
<pre>www.www.www.www.www.www.www.www.www.ww</pre>	F15255_HEK	LA-SOCKET-C	34
LED MJT COB LES 6 FWHM 11.0° Efficiency 93 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C ED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15255_HEKLA-SOCKET-1			90° 90°
Efficiency 93 % Peak intensity 8.300 cd/lm Required components: F15255_HEKLA-SOCKET-C	LED	MJT COB LES 6	75*
Peak intensity 8.300 cd/lm Required components: F15255_HEKLA-SOCKET-C	FWHM		
Required components: F15255_HEKLA-SOCKET-C	Efficiency	93 %	60 <sup>4</sup> 500 60*
F15255_HEKLA-SOCKET-C	Peak intensity	8.300 cd/lm	
EED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I	Required comp	onents:	5°
store summer LED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I	F15255_HEK	ILA-SOCKET-C	6530
store summer LED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			
LED MJT COB LES 9.8 FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			90 <sup>4</sup> 90 <sup>4</sup>
FWHM 20.0° Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I		MIT COBLES 9.8	
Efficiency 92 % Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			75*
Peak intensity 3.300 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			69 <sup>1</sup> 62 <sup>4</sup>
Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I	-		1600
F15255_HEKLA-SOCKET-C	-		g
LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			_ 200
LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			
LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I			30° 170 0° 170 30°
LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 27.0° Efficiency 87 % Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I	TRIDON		90° 90°
FWHM     27.0°       Efficiency     87 %       Peak intensity     1.900 cd/lm       Required components:       F15859_HEKLA-SOCKET-I	LED		75
Peak intensity 1.900 cd/lm Required components: F15859_HEKLA-SOCKET-I	FWHM	27.0°	
Required components: F15859_HEKLA-SOCKET-I	Efficiency	87 %	60*
F15859_HEKLA-SOCKET-I	Peak intensity	1.900 cd/lm	
	Required comp	onents:	tar ↓ 1220 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
C14658_BARBARA-RZ-LENS			
	C14658_BAF	RBARA-RZ-LENS	34



# TRIDONIC

LED SLE G1 15mm 2000lm 927 Sunset R EXC FWHM 36.0° Efficiency 86 % Peak intensity 1.400 cd/lm Required components: F15859\_HEKLA-SOCKET-I C14658\_BARBARA-RZ-LENS





# PHOTOMETRIC DATA (SIMULATED):

bridgelux.	
LED	V10 Gen6
FWHM	15.0°
Efficiency	%
Peak intensity	cd/lm
Required compo	nents:
F14988_HEKI	LA-SOCKET-E
bridgelux.	
LED	V10 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required compo	nents:
F14988_HEKI	LA-SOCKET-E
bridgelux.	
LED	V8 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required compo	
	LA-SOCKET-A
bridgelux.	
LED	V8 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required compo	
	A-SOCKET-A
1	



PRODUCT DATASHEET

F14738\_BROOKE-G2-S

### **PHOTOMETRIC DATA (SIMULATED):**

# **CITIZEN**

 LED
 CLL02x/CLU02x (LES10)

 FWHM
 18.0°

 Efficiency
 92 %

 Peak intensity
 4.300 cd/lm

 Required components:
 F15255\_HEKLA-SOCKET-C

# CREE ≑

 LED
 CXA/B 15xx

 FWHM
 15.0°

 Efficiency
 0 %

 Peak intensity
 0.000 cd/lm

 Required components:
 F15256\_HEKLA-SOCKET-D

# CREE ≑

LEDCXA/B 1816 & CXA/B 1820 & CXA 1850FWHM22.0°Efficiency%Peak intensitycd/ImRequired components:<br/>F15254\_HEKLA-SOCKET-B

# CREE ≑

LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 22.0° Efficiency 0 % Peak intensity 0.000 cd/lm Required components: F15254\_HEKLA-SOCKET-B



# PHOTOMETRIC DATA (SIMULATED):

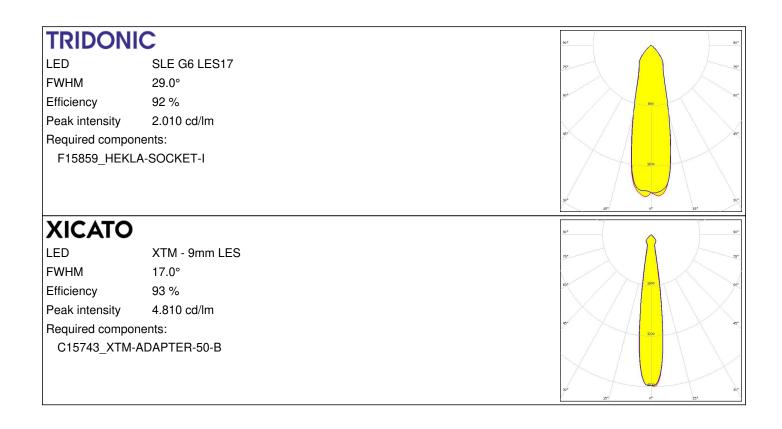
FWHM 12.0° Efficiency 91 % Peak intensity 9.020 cd/lm Required components: F15848_HEKLA-SOCKET-G SAMSUNG LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 89 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G6 LES10 FWHM 5.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 %	<b>Μ</b> ΝΙCΗΙΛ		90° 90°
Efficiency 91% Peak intensity 9.020 cd/lm Required components: F15848_HEKLA-SOCKET-G SAMSUNG LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88% Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94% Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONICE LED SLE G6 LES15 FWHM 25.0° Efficiency 92% Peak intensity 2.400 cd/lm Required components:	LED	СОВ Т-Туре	75
Peak intensity 9.020 cd/lm Required components: F15848_HEKLA-SOCKET-G SAMSUNG LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.000 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	FWHM	12.0°	
Required components: F15848_HEKLA-SOCKET-G SAMSUNG LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88% Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94% Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92% Peak intensity 2.400 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC	Efficiency	91 %	60 <sup>+</sup> 2200 60
F15848_HEKLA-SOCKET-G	Peak intensity	9.020 cd/lm	
SAMSUNG         LED       COB D Series LES 14.5 mm         FWHM       29.0°         Efficiency       88 %         Peak intensity       1.940 cd/lm         Required components:       F15859_HEKLA-SOCKET-1         TRIDONIC       LED         LED       SLE G6 LES10         FWHM       15.0°         Efficiency       94 %         Peak intensity       5.800 cd/lm         Required components:       F15255_HEKLA-SOCKET-C         TRIDONIC       LED         LED       SLE G6 LES15         FWHM       5.0°         Efficiency       92 %         Peak intensity       2.400 cd/lm         Required components:       Efficiency         F15255_HEKLA-SOCKET-C       Image: Component Standard Standar	Required compo	nents:	
LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONICC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	F15848_HEKL	A-SOCKET-G	
LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONICC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			
LED COB D Series LES 14.5 mm FWHM 29.0° Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONICC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			30 <sup>2</sup> 900 30
FWHM 29.0° Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	SAMSU	NG	
Efficiency 88 % Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	LED	COB D Series LES 14.5 mm	75
Peak intensity 1.940 cd/lm Required components: F15859_HEKLA-SOCKET-1 TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	FWHM	29.0°	
Required components: F15859_HEKLA-SOCKET-I TRIDONIC LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	Efficiency	88 %	60 <sup>2</sup> 60
F15859_HEKLA-SOCKET-I	Peak intensity	1.940 cd/lm	
TRIDONIC         LED       SLE G6 LES10         FWHM       15.0°         Efficiency       94 %         Peak intensity       5.800 cd/lm         Required components:       F15255_HEKLA-SOCKET-C         TRIDONIC       LED         LED       SLE G6 LES15         FWHM       25.0°         Efficiency       92 %         Peak intensity       2.400 cd/lm         Required components:	Required compo	nents:	97 - 100
LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	F15859_HEKL	A-SOCKET-I	
LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			
LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			20° 200 30
LED SLE G6 LES10 FWHM 15.0° Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	TRIDON	C	
Efficiency 94 % Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	LED		70
Peak intensity 5.800 cd/lm Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	FWHM	15.0°	100
Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	Efficiency	94 %	60 <sup>1</sup>
Required components: F15255_HEKLA-SOCKET-C TRIDONIC LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	Peak intensity	5.800 cd/lm	
TRIDONIC         LED       SLE G6 LES15         FWHM       25.0°         Efficiency       92 %         Peak intensity       2.400 cd/lm         Required components:	Required compo	nents:	
LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	F15255_HEKL	A-SOCKET-C	
LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			
LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:			
LED SLE G6 LES15 FWHM 25.0° Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	TRIDON	С	90° 99
FWHM     25.0°       Efficiency     92 %       Peak intensity     2.400 cd/lm       Required components:     ************************************			71
Efficiency 92 % Peak intensity 2.400 cd/lm Required components:	FWHM		
Peak intensity 2.400 cd/lm Required components:	Efficiency		
	Peak intensity	2.400 cd/lm	
F15859_HEKLA-SOCKET-I	Required compo	nents:	gr k
	F15859_HEKL	A-SOCKET-I	
30-			
			30° × 205

**PRODUCT DATASHEET** F14738\_BROOKE-G2-S

Last update: 25/05/2018Subject to change without prior noticePublished: 02/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.15/17



### PHOTOMETRIC DATA (SIMULATED):







### **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

### 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