

BROOKE-G2-S

~20° spot beam compatible with LEDiL HEKLA.

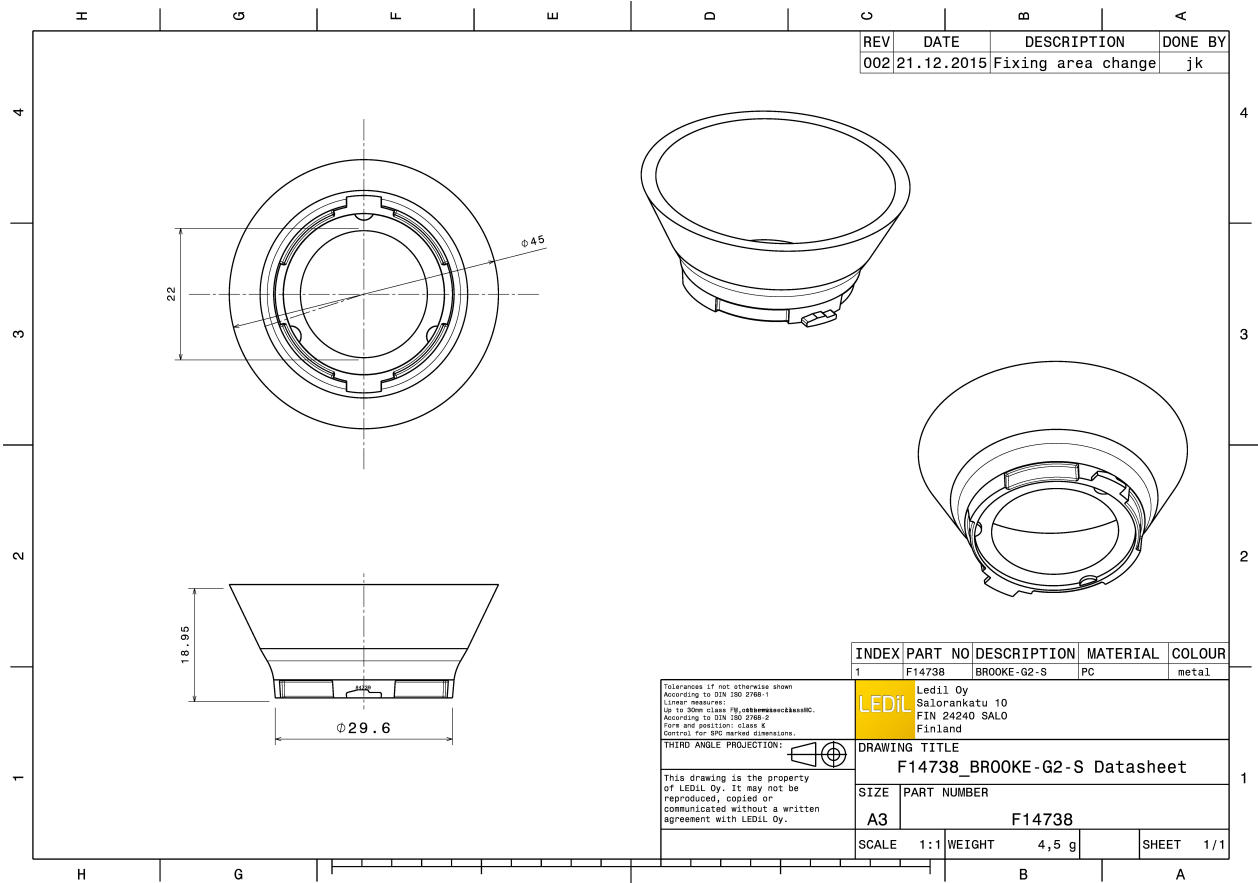
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45 mm
Height	19.7 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 ⓘ


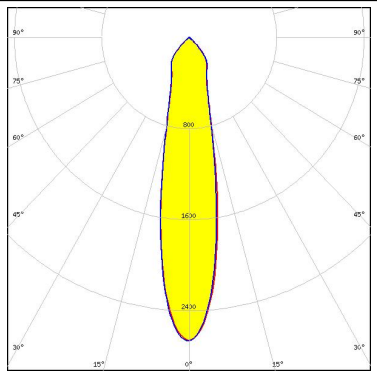

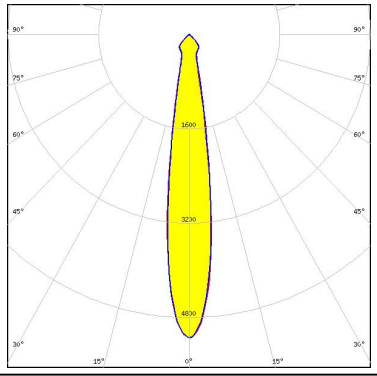

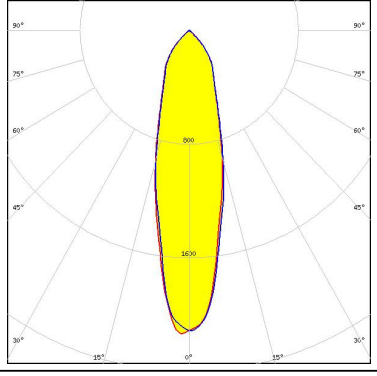

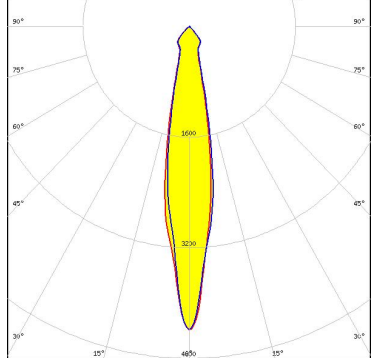


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
BROOKE-G2-S	Reflector	PC	metal	HMDS



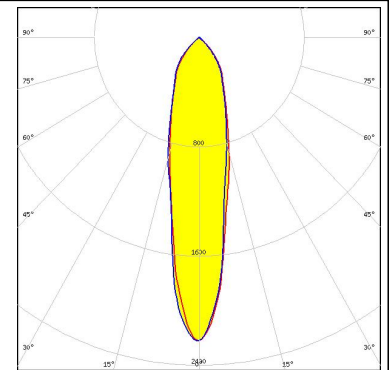
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen7</p> <p>FWHM 22.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.700 cd/lm</p> <p>Required components: C14658_BARBARA-RZ-LENS LEDiL: F15255_HEKLA-SOCKET-C</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 16.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 5.100 cd/lm</p> <p>Required components: LEDiL: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM 27.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 2.100 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 9mm (6W/12W)</p> <p>FWHM 18.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4.400 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		

PHOTOMETRIC DATA (MEASURED):

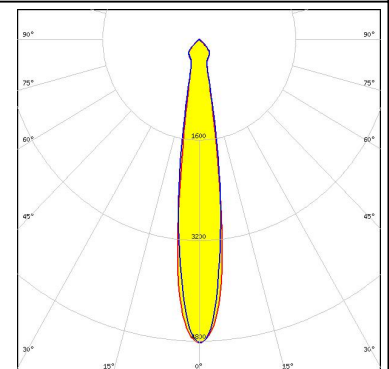
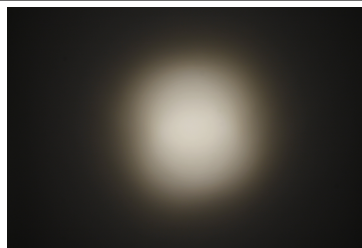
CITIZEN

LED CLC030 Series (Dim-To-Warm)
FWHM 23.0°
Efficiency 89 %
Peak intensity 2.200 cd/lm
Required components:
LEDiL: C16142_HEKLA-SOCKET-K



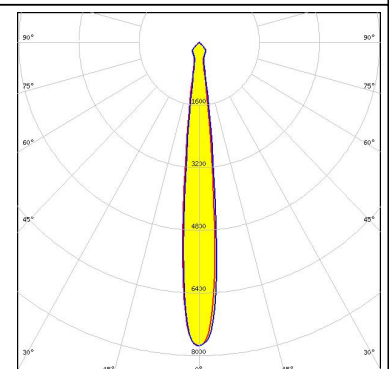
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 16.0°
Efficiency 94 %
Peak intensity 4.800 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 16.0°
Efficiency 94 %
Peak intensity 4.800 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



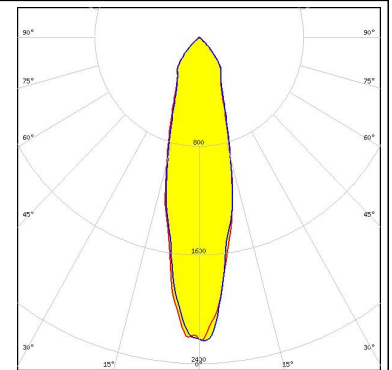
CITIZEN

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

PHOTOMETRIC DATA (MEASURED):

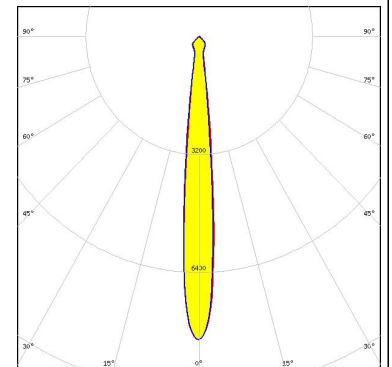
CITIZEN

LED LCN-C02B (Tunable White)
 FWHM 27.0°
 Efficiency 89 %
 Peak intensity 2.300 cd/lm
 Required components:
 LEDiL: C16142_HEKLA-SOCKET-K



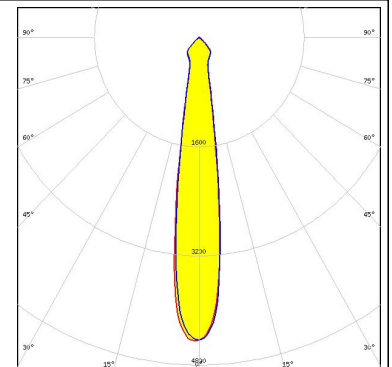
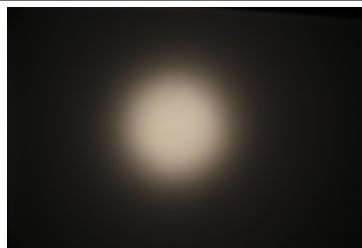
CREE

LED CXA/B 13xx
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 8.200 cd/lm
 Required components:
 LEDiL: F15956_HEKLA-SOCKET-J



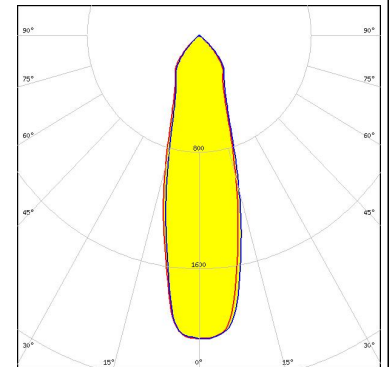
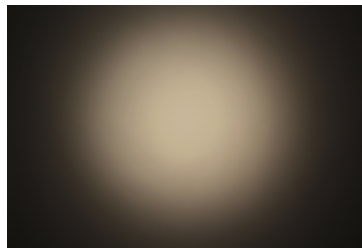
CREE

LED CXA/B 15xx
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 4.400 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



LUMINUS

LED CXM-14
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 Required components:
 LEDiL: F15859_HEKLA-SOCKET-I

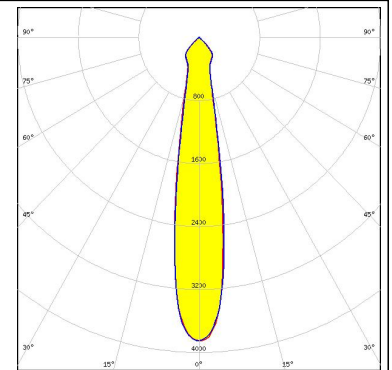


PHOTOMETRIC DATA (MEASURED):



LED CXM-9
FWHM 18.0°
Efficiency 94 %
Peak intensity 3.900 cd/lm
Required components:

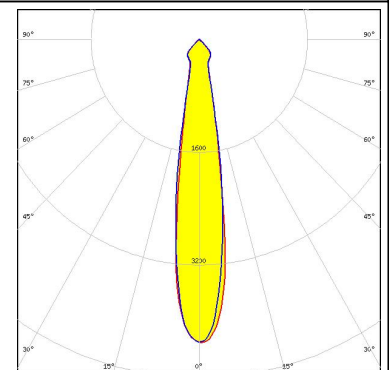
LEDiL: F15255_HEKLA-SOCKET-C



LED COB D Series LES 9.8 mm
FWHM 18.0°
Efficiency 94 %
Peak intensity 4.300 cd/lm
Required components:

F15255_HEKLA-SOCKET-C

LEDiL: LEDiL



LED COB D Series LES 9.8 mm
FWHM 18.0°
Efficiency 94 %
Peak intensity 4.300 cd/lm
Required components:

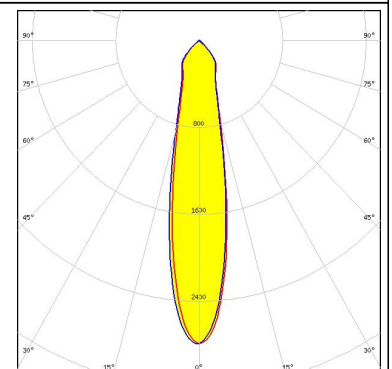
LEDiL: F15255_HEKLA-SOCKET-C



LED COB D Series LES 9.8 mm
FWHM 22.0°
Efficiency 90 %
Peak intensity 2.800 cd/lm
Required components:

C14658_BARBARA-RZ-LENS

LEDiL: F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC010C G2

FWHM 11.0°

Efficiency 93 %

Peak intensity 9.000 cd/lm

Required components:

LEDiL: F15255_HEKLA-SOCKET-C



LED MJT COB LES 6

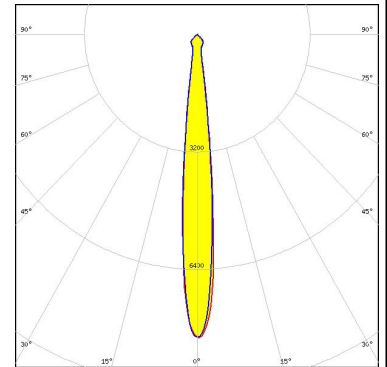
FWHM 11.0°

Efficiency 93 %

Peak intensity 8.300 cd/lm

Required components:

LEDiL: F15255_HEKLA-SOCKET-C



LED MJT COB LES 9.8

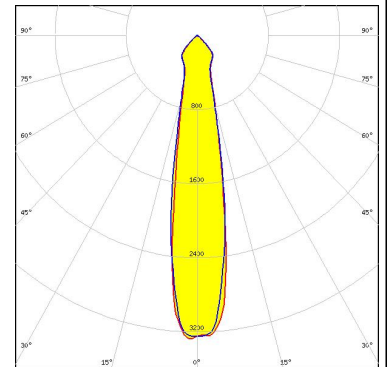
FWHM 20.0°

Efficiency 92 %

Peak intensity 3.300 cd/lm

Required components:

LEDiL: F15255_HEKLA-SOCKET-C



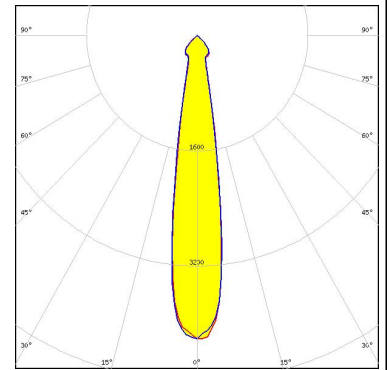
PHOTOMETRIC DATA (SIMULATED):

bridgelux.	
LED	V10 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	
LEDiL: F14988_HEKLA-SOCKET-E	
bridgelux.	
LED	V10 Gen6
FWHM	15.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	
F14988_HEKLA-SOCKET-E	
bridgelux.	
LED	V8 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	
F15253_HEKLA-SOCKET-A	
bridgelux.	
LED	V8 Gen6
FWHM	15.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	
LEDiL: F15253_HEKLA-SOCKET-A	

PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 18.0°
Efficiency 92 %
Peak intensity 4.300 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



CREE

LED CXA/B 15xx
FWHM 15.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
LEDiL: F15256_HEKLA-SOCKET-D

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 22.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
LEDiL: F15254_HEKLA-SOCKET-B

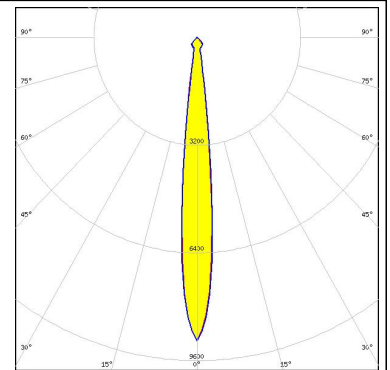
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15254_HEKLA-SOCKET-B

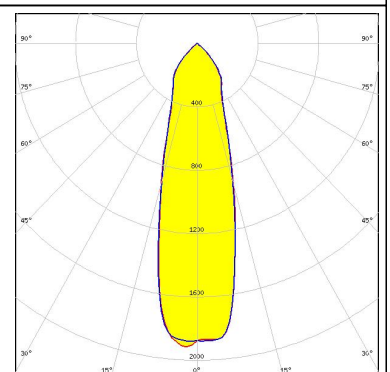
PHOTOMETRIC DATA (SIMULATED):



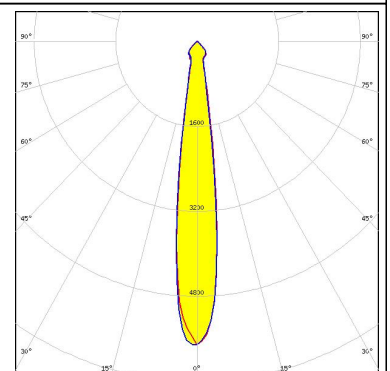
LED COB T-Type
FWHM 12.0°
Efficiency 91 %
Peak intensity 9.020 cd/lm
Required components:
LEDiL: F15848_HEKLA-SOCKET-G



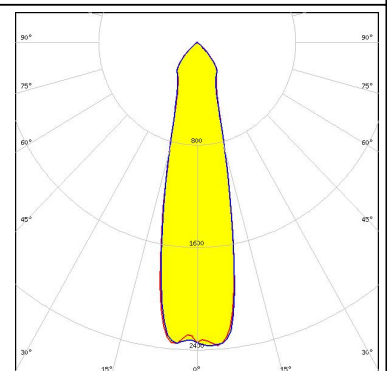
LED COB D Series LES 14.5 mm
FWHM 29.0°
Efficiency 88 %
Peak intensity 1.940 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



LED SLE G6 LES10
FWHM 15.0°
Efficiency 94 %
Peak intensity 5.800 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



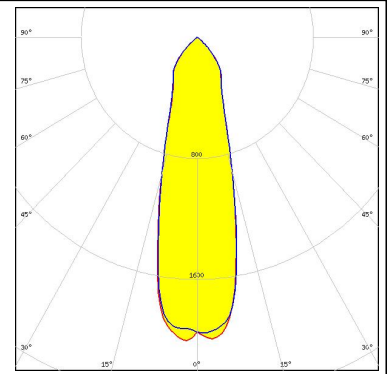
LED SLE G6 LES15
FWHM 25.0°
Efficiency 92 %
Peak intensity 2.400 cd/lm
Required components:
LEDiL: F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES17
FWHM 29.0°
Efficiency 92 %
Peak intensity 2.010 cd/lm
Required components:
LEDiL: F15859_HEKLA-SOCKET-I



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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