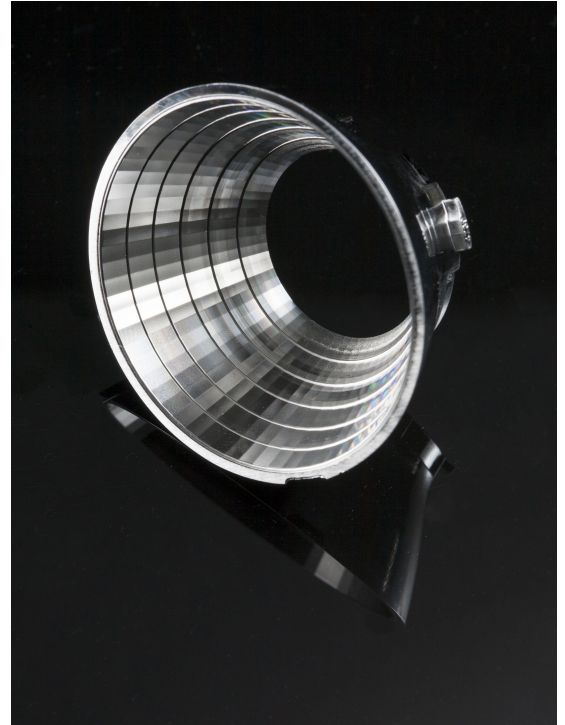


BROOKE-G2-M

~30° medium beam compatible with LEDiL HEKLA.

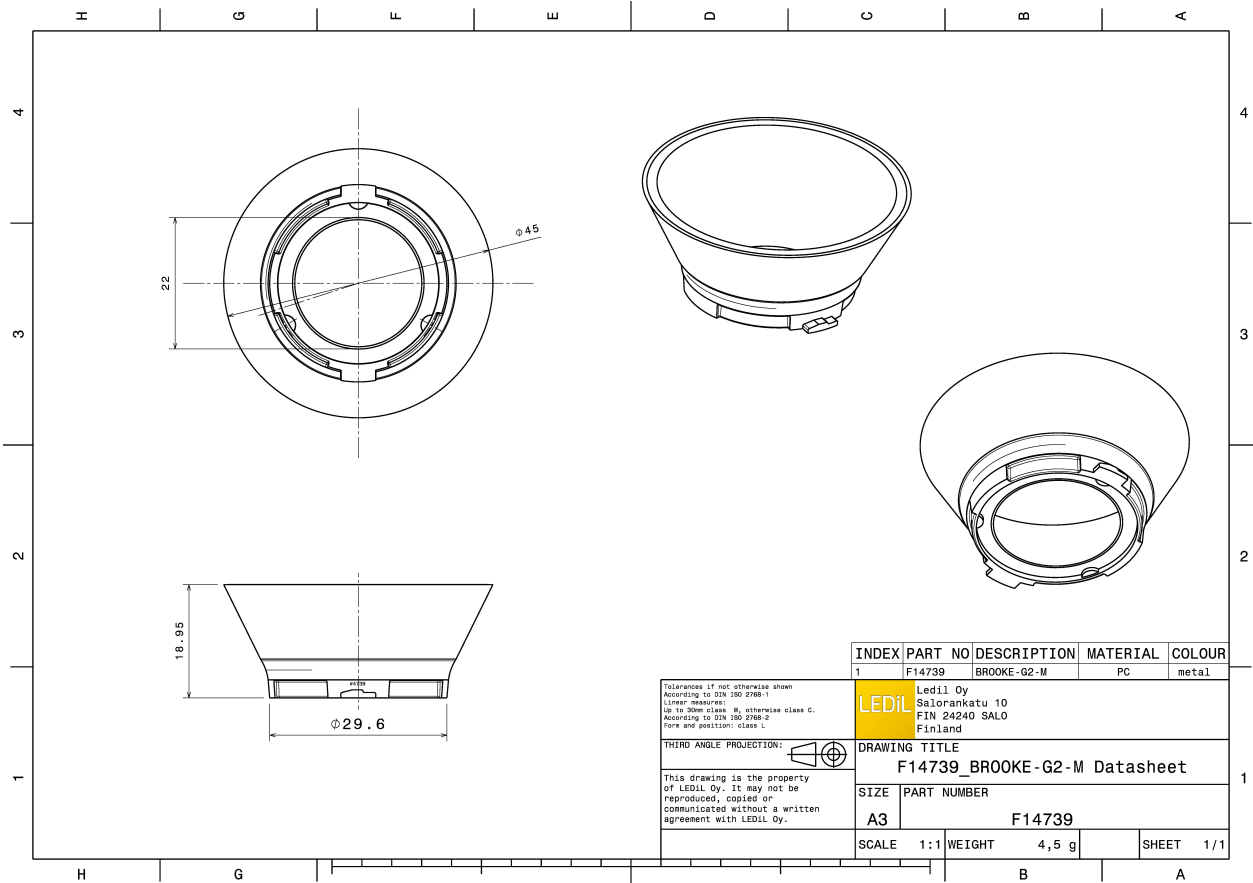
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	18.9 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	5 kg
Quantity in Box	720 pcs
ROHS compliant	yes ⓘ

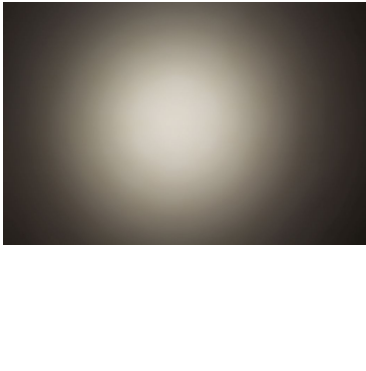
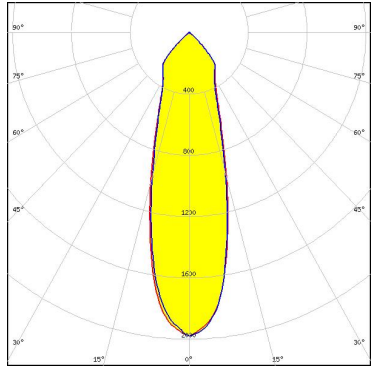
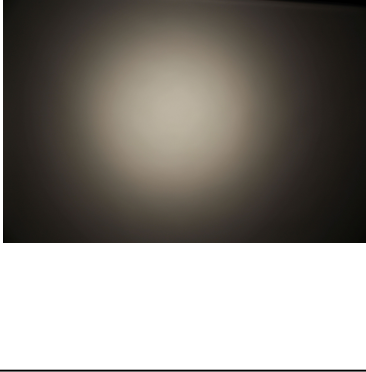
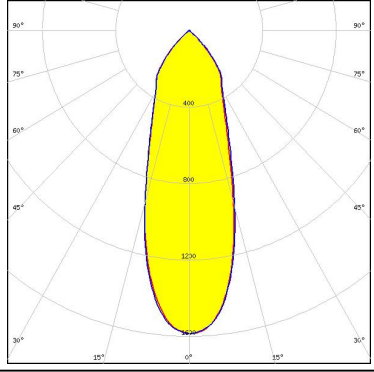
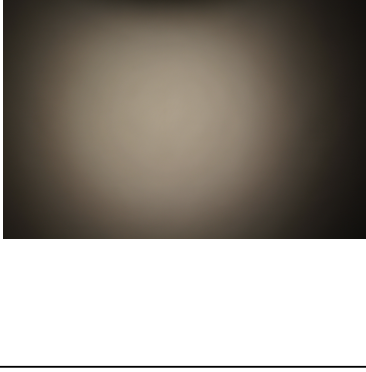
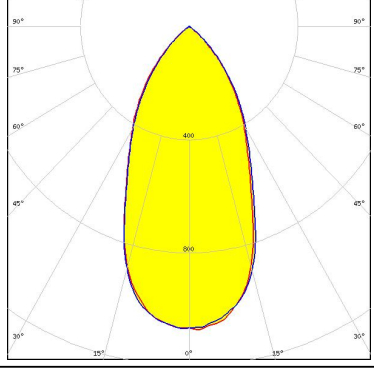

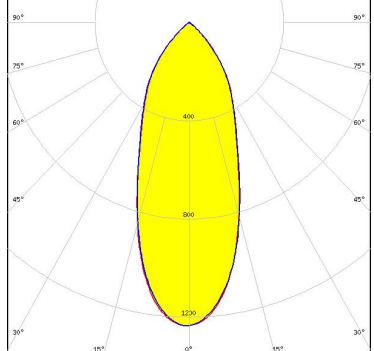


MATERIAL SPECIFICATIONS:


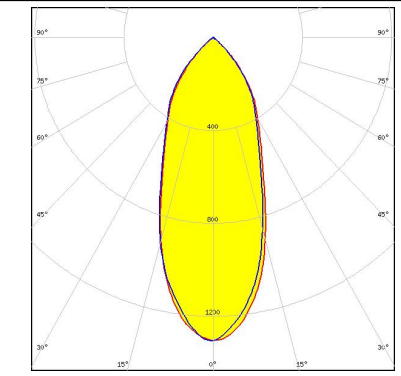
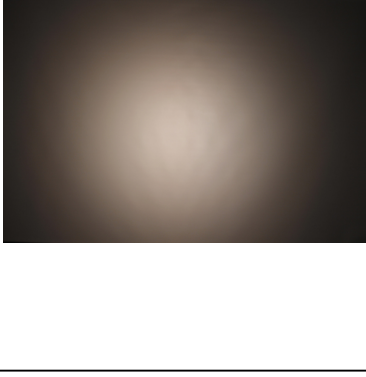
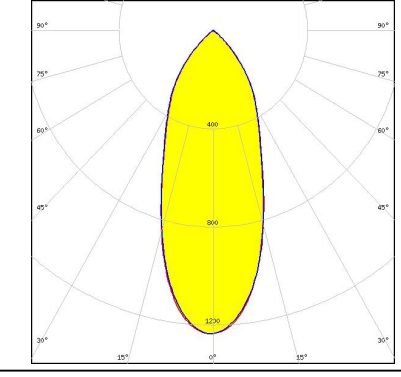
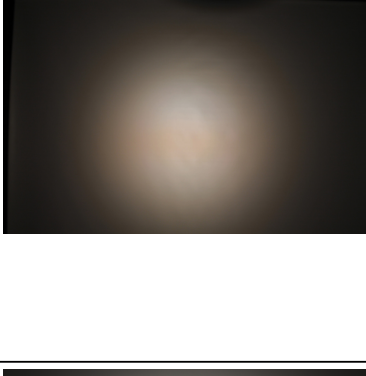
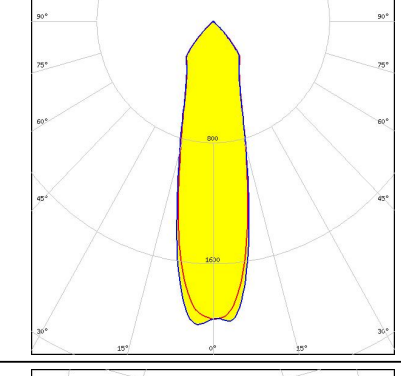
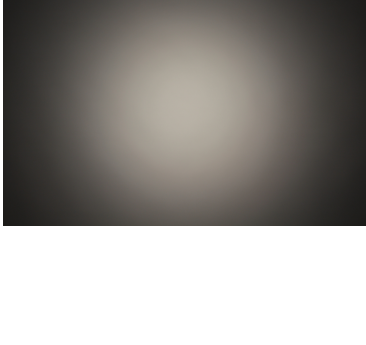
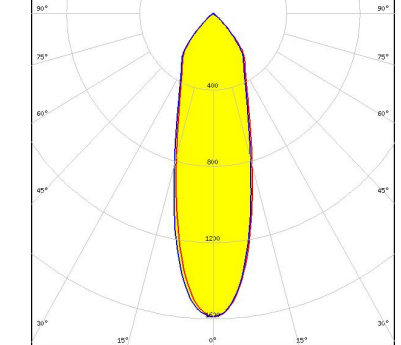
Component	Type	Material	Colour	Coating
BROOKE-G2-M	Reflector	PC	metal	lacquer



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 30.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.000 cd/lm</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 34.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 50.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components: LEDiL: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM 40.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.200 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 491 Typ L8</p>		

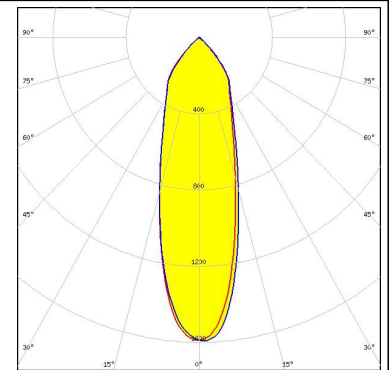
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM 41.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.300 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 31.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 490 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 27.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 2.000 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 30.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 489 Typ L8</p>		

PHOTOMETRIC DATA (MEASURED):

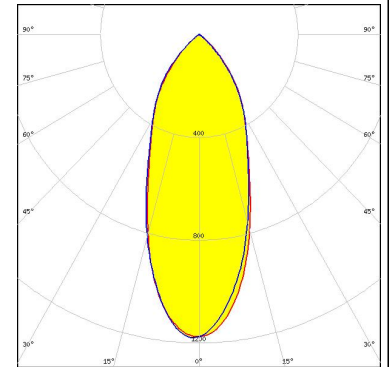
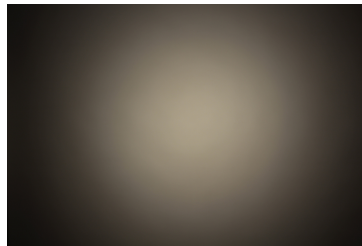
CITIZEN

LED CLC020 Series (Dim-To-Warm)
 FWHM 31.0°
 Efficiency 84 %
 Peak intensity 1.600 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 487 Typ L8



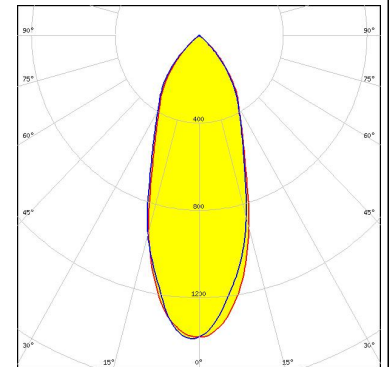
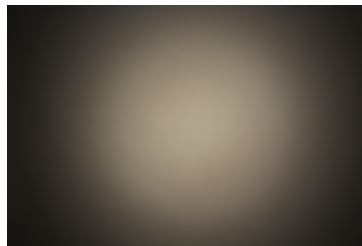
CITIZEN

LED CLC030 Series (Dim-To-Warm)
 FWHM 41.0°
 Efficiency 82 %
 Peak intensity 1.200 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 436 Typ L8



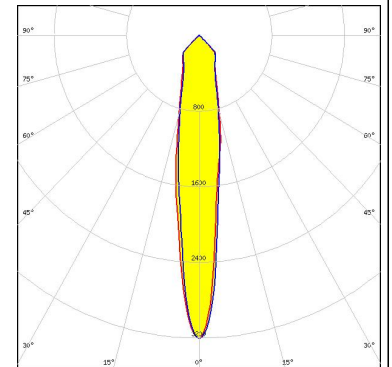
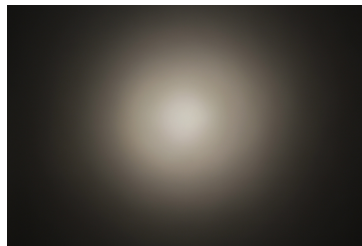
CITIZEN

LED CLC030 Series (Dim-To-Warm)
 FWHM 38.0°
 Efficiency 88 %
 Peak intensity 1.400 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K



CITIZEN

LED CLU LES 4.2mm (HI-Ver.3)
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 3.200 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLU700/701

FWHM 23.0°

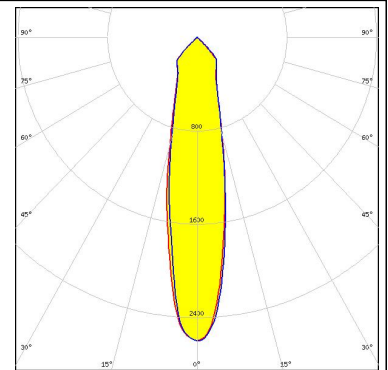
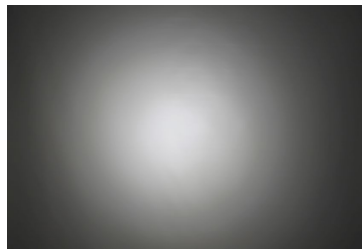
Efficiency 94 %

Peak intensity 2.600 cd/lm

Required components:

C15743_XTM-ADAPTER-50-B

LEDiL: F15255_HEKLA-SOCKET-C



CITIZEN

LED LCN-C01B (Tunable White)

FWHM 29.0°

Efficiency 86 %

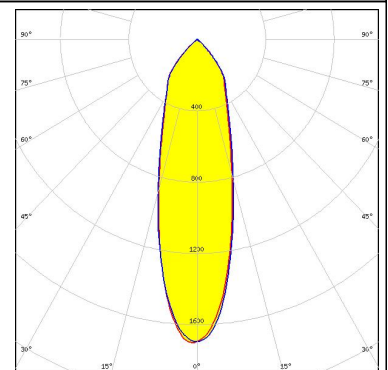
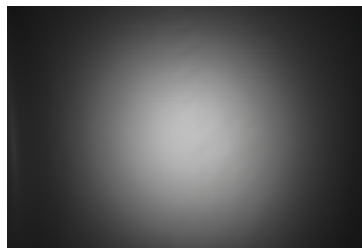
Peak intensity 1.700 cd/lm

Required components:

C16142_HEKLA-SOCKET-K

C14658_BARBARA-RZ-LENS

Bender Wirth: 481 Typ L8



CITIZEN

LED LCN-C02B (Tunable White)

FWHM 39.0°

Efficiency 84 %

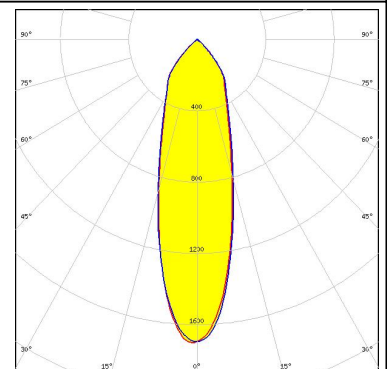
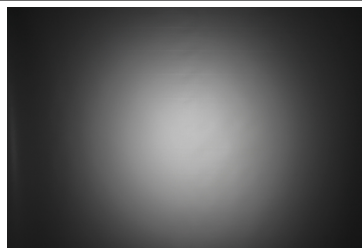
Peak intensity 1.100 cd/lm

Required components:

C16142_HEKLA-SOCKET-K

C14658_BARBARA-RZ-LENS

Bender Wirth: 481 Typ L8



CITIZEN

LED LCN-C02B (Tunable White)

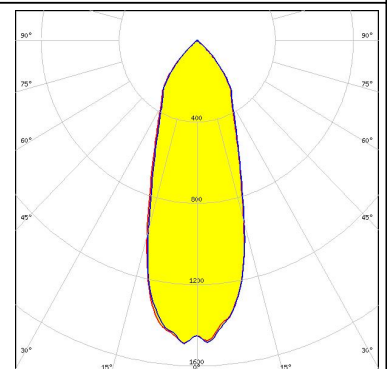
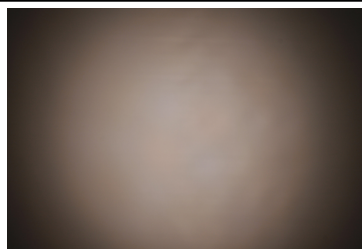
FWHM 36.0°

Efficiency 90 %

Peak intensity 1.500 cd/lm

Required components:

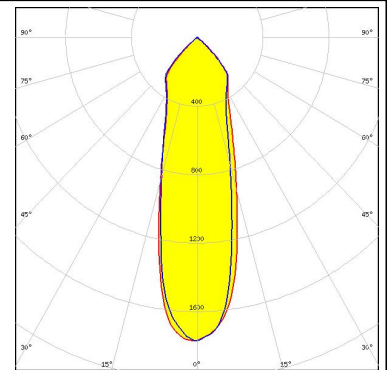
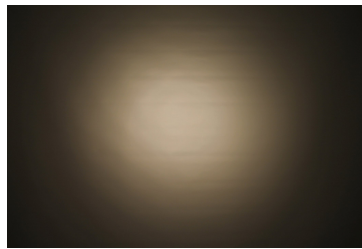
C16142_HEKLA-SOCKET-K



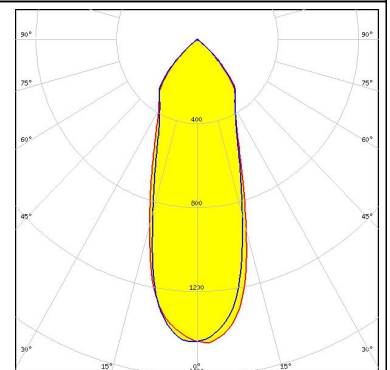
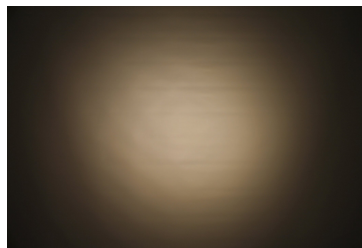
PHOTOMETRIC DATA (MEASURED):



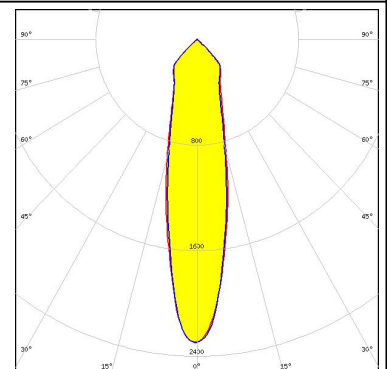
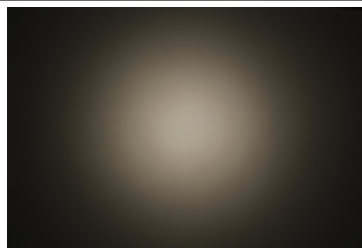
LED CMA1516
FWHM 29.0°
Efficiency 94 %
Peak intensity 1.800 cd/lm
Required components:
F15256_HEKLA-SOCKET-D



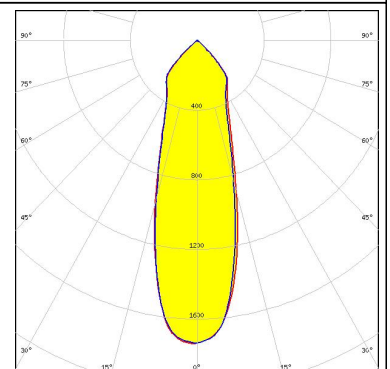
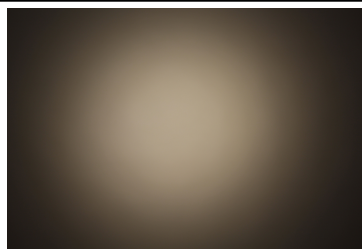
LED CMA1825
FWHM 36.0°
Efficiency 94 %
Peak intensity 1.400 cd/lm
Required components:
F15254_HEKLA-SOCKET-B



LED CXA/B 13xx
FWHM 25.0°
Efficiency 94 %
Peak intensity 2.300 cd/lm
Required components:
F15956_HEKLA-SOCKET-J



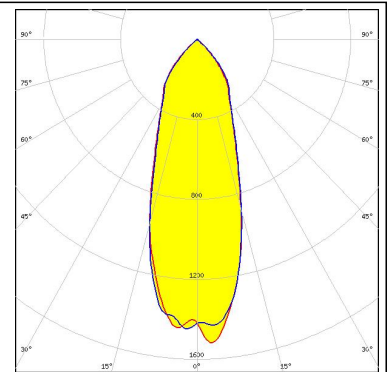
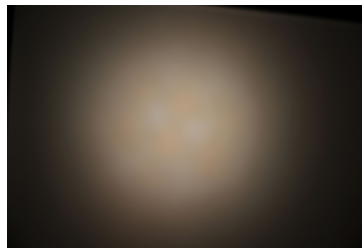
LED CXA/B 15xx
FWHM 32.0°
Efficiency 94 %
Peak intensity 1.700 cd/lm
Required components:
F15256_HEKLA-SOCKET-D



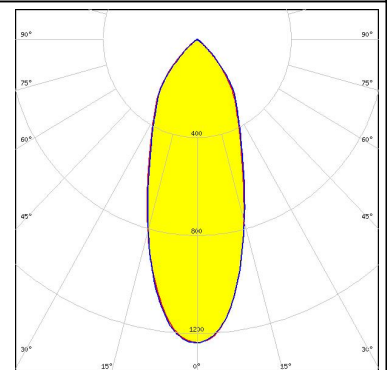
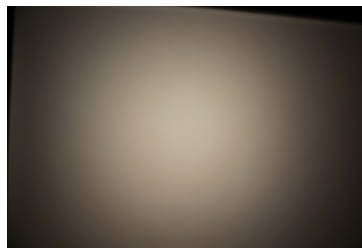
PHOTOMETRIC DATA (MEASURED):



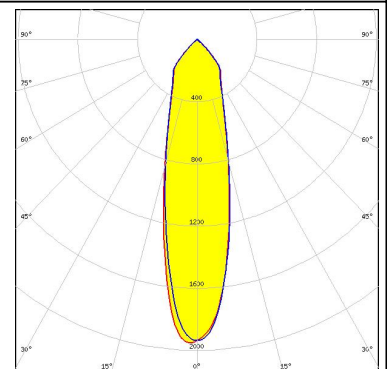
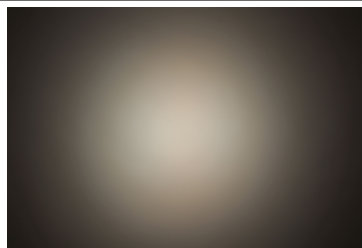
LED CDM-14 (Dim-To-Warm)
 FWHM 36.0°
 Efficiency 87 %
 Peak intensity 1.500 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



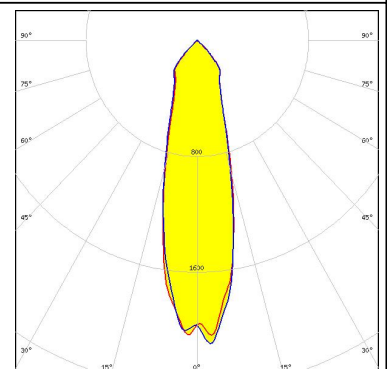
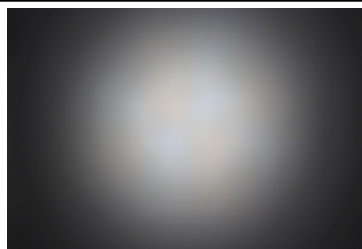
LED CDM-14 (Dim-To-Warm)
 FWHM 38.0°
 Efficiency 82 %
 Peak intensity 1.200 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 491 Typ L8



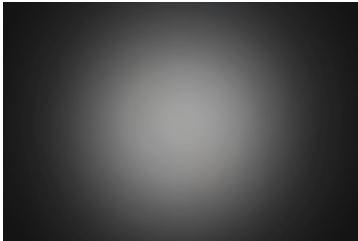
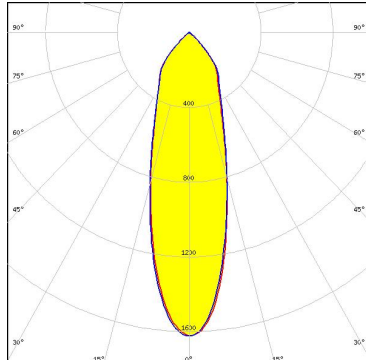
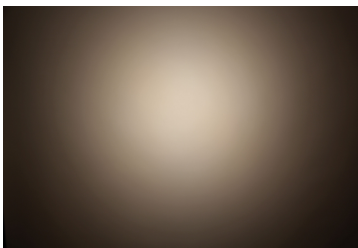
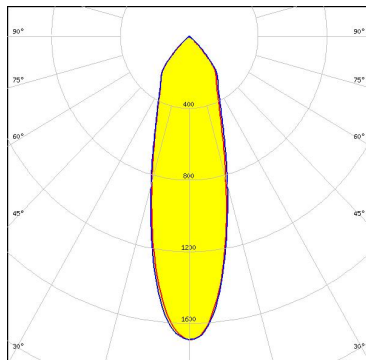

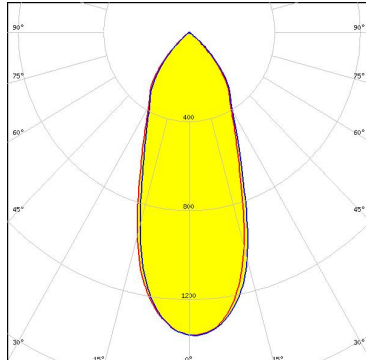
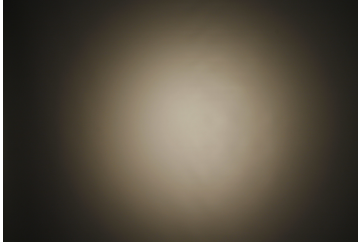
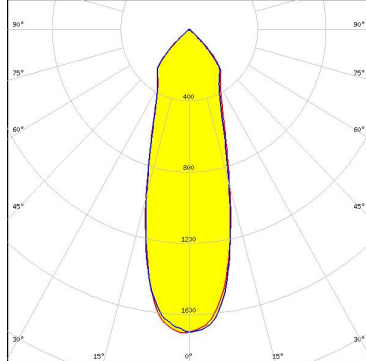
LED CDM-6 (Dim-To-Warm)
 FWHM 26.0°
 Efficiency 85 %
 Peak intensity 2.000 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 490 Typ L8



LED CDM-9 (Dim-To-Warm)
 FWHM 28.0°
 Efficiency 89 %
 Peak intensity 2.200 cd/lm
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



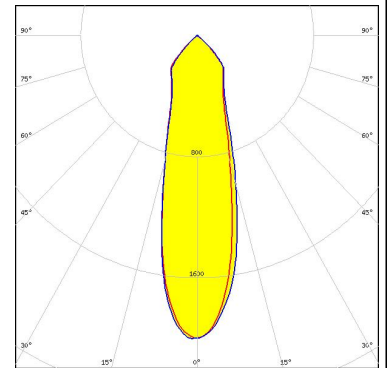
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM 30.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components:</p> <p>C16142_HEKLA-SOCKET-K</p> <p>C14658_BARBARA-RZ-LENS</p> <p>Bender Wirth: 490 Typ L8</p>		
<p>LUMINUS</p> <p>LED CTM-9 (Tunable White)</p> <p>FWHM 30.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.700 cd/lm</p> <p>Required components:</p> <p>C16142_HEKLA-SOCKET-K</p> <p>C14658_BARBARA-RZ-LENS</p> <p>Bender Wirth: 495 Typ L8</p>		
<p>LUMINUS</p> <p>LED CXM-14</p> <p>FWHM 40.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components:</p> <p>F15859_HEKLA-SOCKET-I</p>		
<p>LUMINUS</p> <p>LED CXM-9</p> <p>FWHM 32.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.700 cd/lm</p> <p>Required components:</p> <p>F15255_HEKLA-SOCKET-C</p>		

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED COB D Series LES 9.8 mm
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C

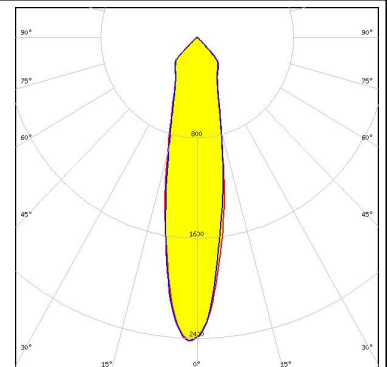
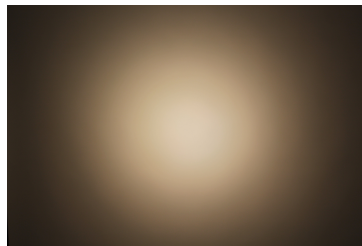


SAMSUNG

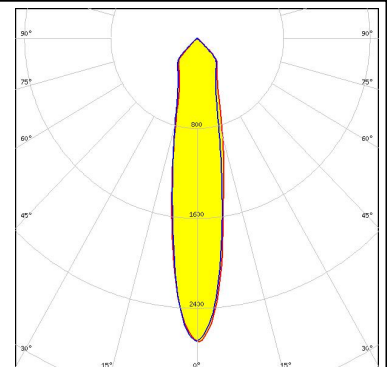
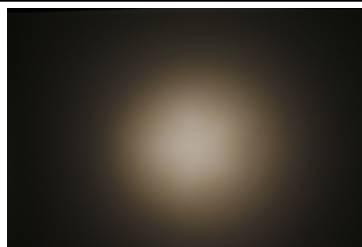
LED COB D Series LES 9.8 mm
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C

SAMSUNG



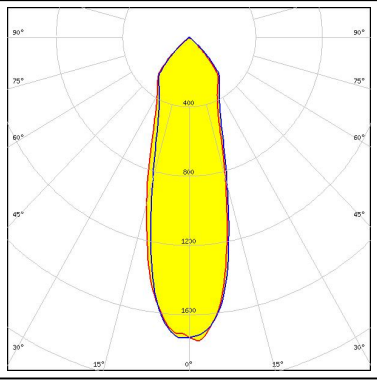

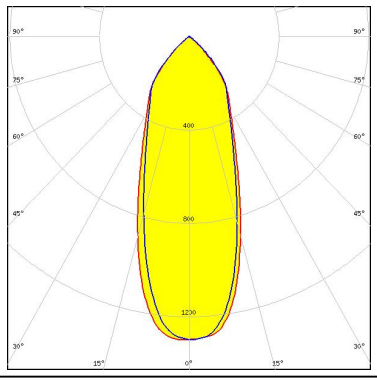

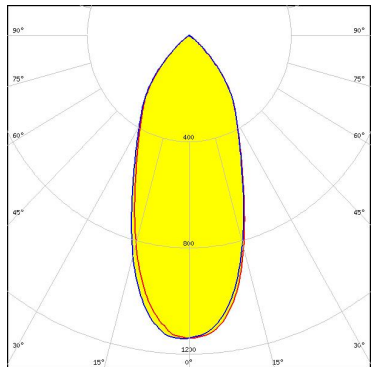
LED LC010C G2
 FWHM 23.0°
 Efficiency 93 %
 Peak intensity 2.400 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



LED MJT COB LES 6
 FWHM 20.0°
 Efficiency 93 %
 Peak intensity 2.700 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM 31.0° Efficiency 93 % Peak intensity 1.800 cd/lm Required components: F15255_HEKLA-SOCKET-C</p>		
<p>TRIDONIC</p> <p>LED SLE G1 11mm 1000lm 927 Sunset R EXC FWHM 40.0° Efficiency 86 % Peak intensity 1.100 cd/lm Required components: F15859_HEKLA-SOCKET-I C14658_BARBARA-RZ-LENS</p>		
<p>TRIDONIC</p> <p>LED SLE G1 15mm 2000lm 927 Sunset R EXC FWHM 44.0° Efficiency 86 % Peak intensity 1.100 cd/lm Required components: F15859_HEKLA-SOCKET-I C14658_BARBARA-RZ-LENS</p>		

PHOTOMETRIC DATA (SIMULATED):

bridgelux.

LED V8 Gen6
FWHM 25.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
F15253_HEKLA-SOCKET-A

bridgelux.

LED V8 Gen6
FWHM 25.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15253_HEKLA-SOCKET-A

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 26.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
F15255_HEKLA-SOCKET-C

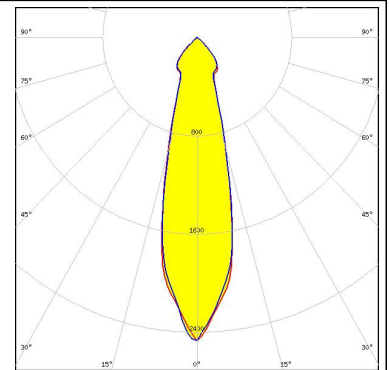
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 26.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15255_HEKLA-SOCKET-C

PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 26.0°
Efficiency 92 %
Peak intensity 2.500 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



CREE ⇄

LED CXA/B 15xx
FWHM 25.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
F15256_HEKLA-SOCKET-D

CREE ⇄

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 31.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15254_HEKLA-SOCKET-B

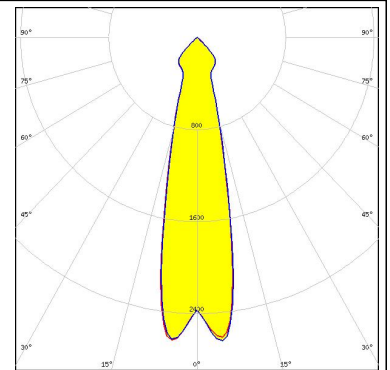
CREE ⇄

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 31.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
F15254_HEKLA-SOCKET-B

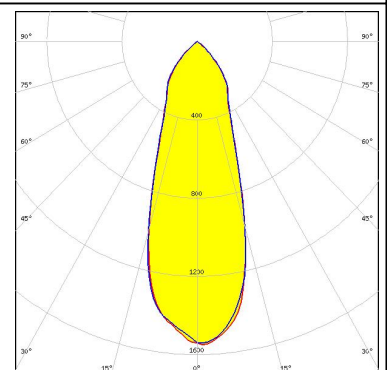
PHOTOMETRIC DATA (SIMULATED):



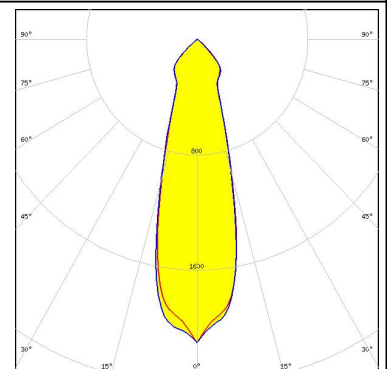
LED COB T-Type
FWHM 24.0°
Efficiency 90 %
Peak intensity 2.650 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



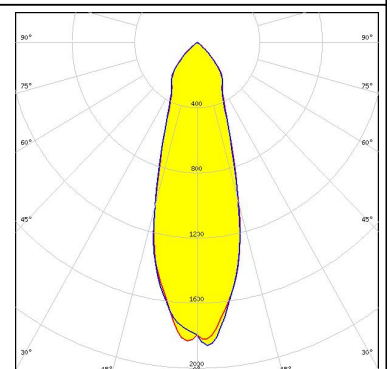
LED COB D Series LES 14.5 mm
FWHM 35.0°
Efficiency 88 %
Peak intensity 1.570 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



LED SLE G6 LES10
FWHM 29.0°
Efficiency 94 %
Peak intensity 2.100 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



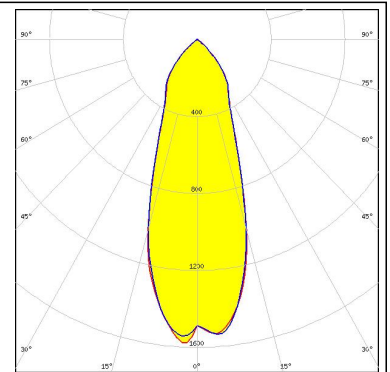
LED SLE G6 LES15
FWHM 32.0°
Efficiency 92 %
Peak intensity 1.900 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (SIMULATED):

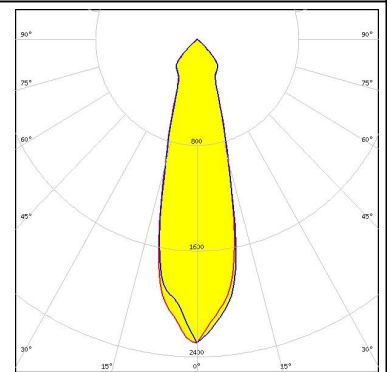
TRIDONIC

LED SLE G6 LES17
FWHM 36.0°
Efficiency 92 %
Peak intensity 1.590 cd/lm
Required components:
F15859_HEKLA-SOCKET-I



XICATO

LED XTM - 9mm LES
FWHM 27.0°
Efficiency 93 %
Peak intensity 2.300 cd/lm
Required components:
C15743_XTM-ADAPTER-50-B



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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