

BROOKE-G2-S

~20° spot beam compatible with LEDiL HEKLA.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	18.9 mm
Fastening	socket
ROHS compliant	yes ⓘ

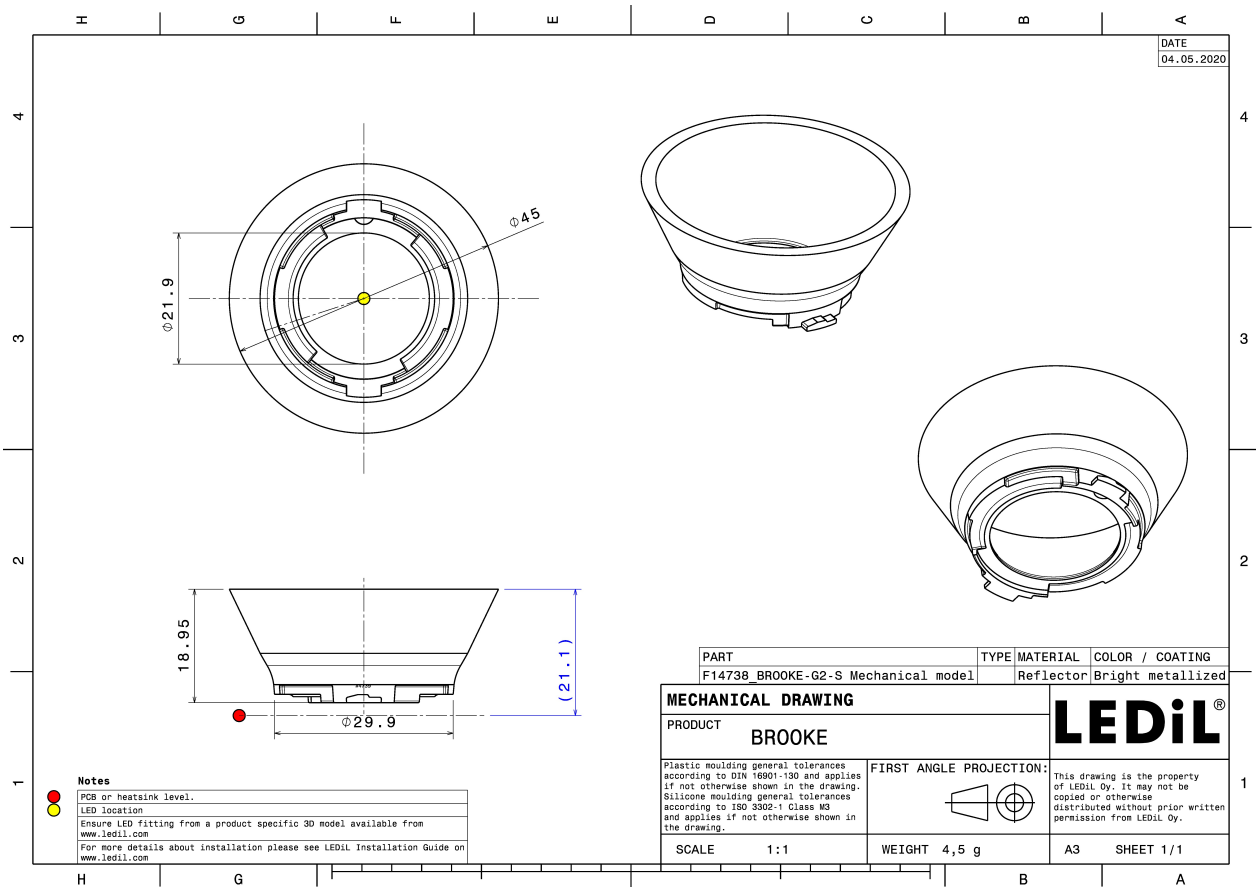
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14738_BROOKE-G2-S » Box size: 480 x 280 x 300 mm	720	45	45	4.8

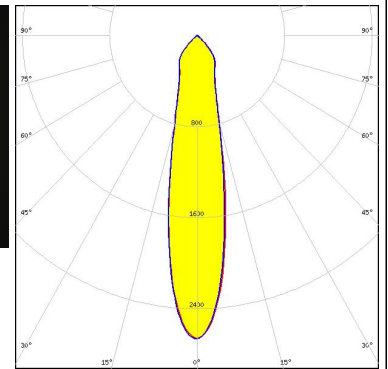
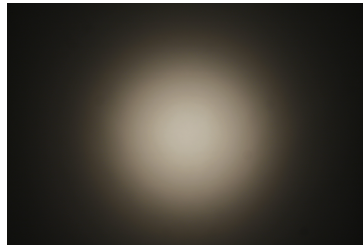


See also our general installation guide: www.ledil.com/installation_guide

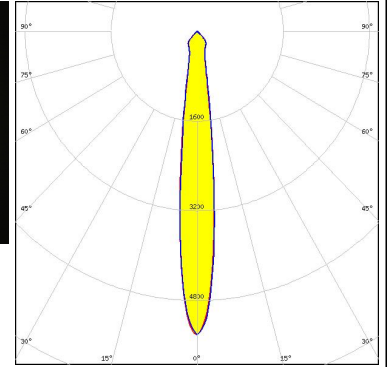
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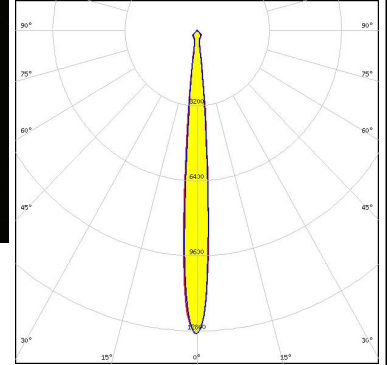
LED V10 Gen7
 FWHM / FWTM 22.0° / 74.0°
 Efficiency 88 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



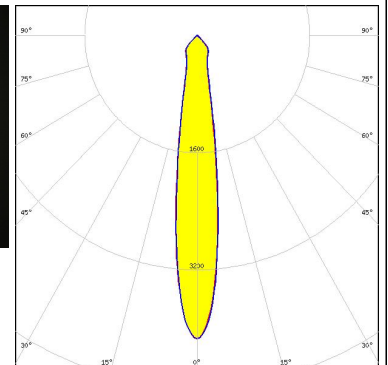
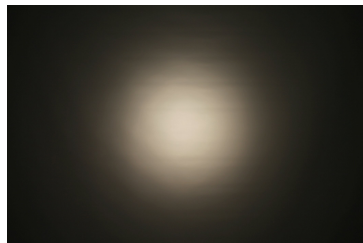
LED V4 HD Gen 7
 FWHM / FWTM 13.0° / 32.0°
 Efficiency 90 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A
 C14658_BARBARA-RZ-LENS



LED V4 HD Gen 7
 FWHM / FWTM 8.8° / 16.5°
 Efficiency 94 %
 Peak intensity 12.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A



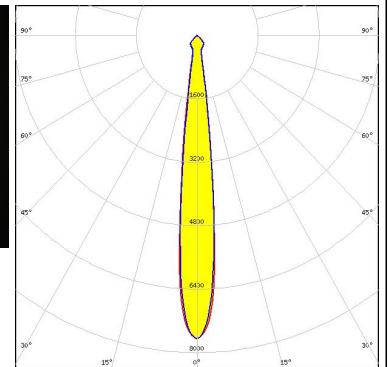
LED V6 HD Gen 7
 FWHM / FWTM 16.0° / 41.0°
 Efficiency 89 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



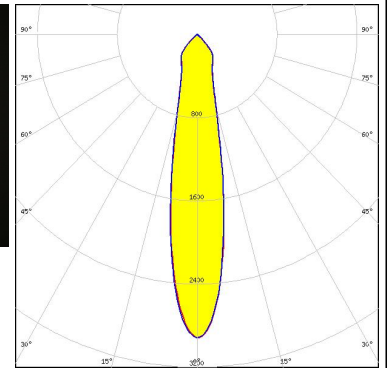
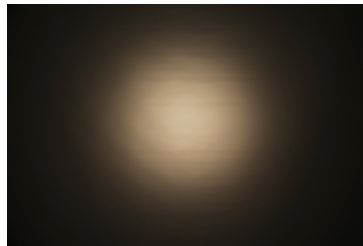
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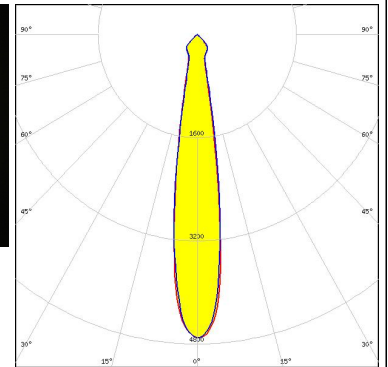
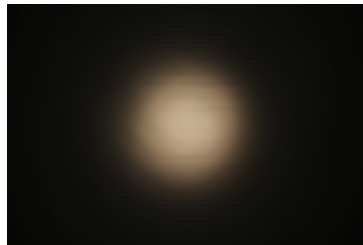
LED V6 HD Gen 7
FWHM / FWTM 12.0° / 23.0°
Efficiency 94 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



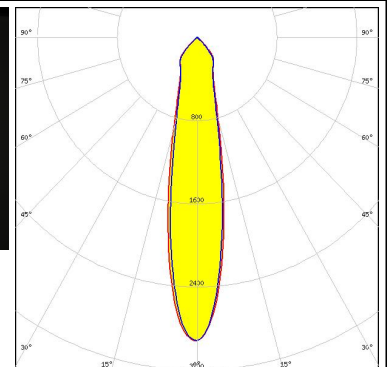
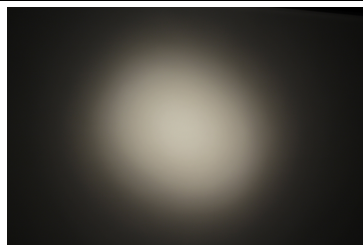
LED V9 HD Gen7
FWHM / FWTM 21.0° / 65.0°
Efficiency 87 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I
C14658_BARBARA-RZ-LENS



LED V9 HD Gen7
FWHM / FWTM 17.0° / 33.0°
Efficiency 94 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



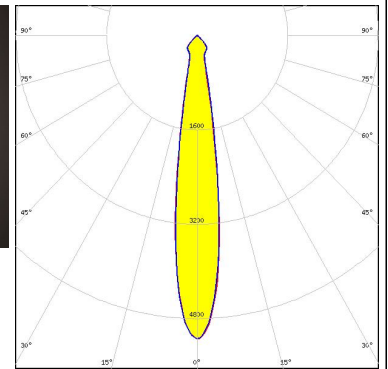
LED VERO10
FWHM / FWTM 21.0° / 70.0°
Efficiency 92 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F
C14658_BARBARA-RZ-LENS



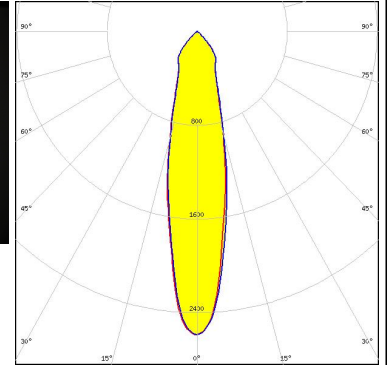
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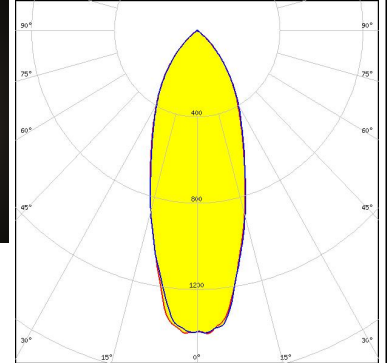
LED VERO10
FWHM / FWTM 16.0° / 33.0°
Efficiency 94 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



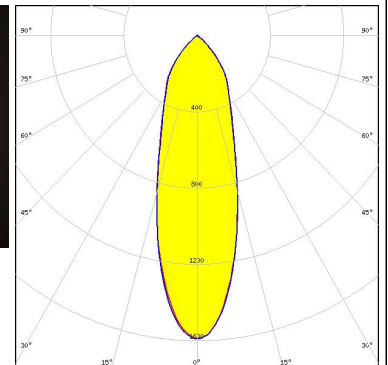
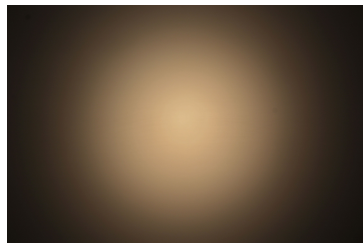
LED VERO13
FWHM / FWTM 23.0° / 76.0°
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



LED VERO18
FWHM / FWTM 38.0° / 87.0°
Efficiency 89 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



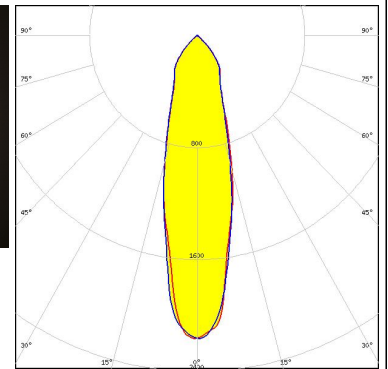
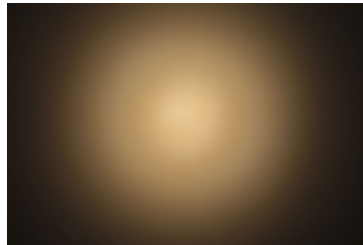
LED Vesta DTW 13mm (21W)
FWHM / FWTM 32.0° / 85.0°
Efficiency 85 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
C14658_BARBARA-RZ-LENS
Bender Wirth: 491 Typ L8



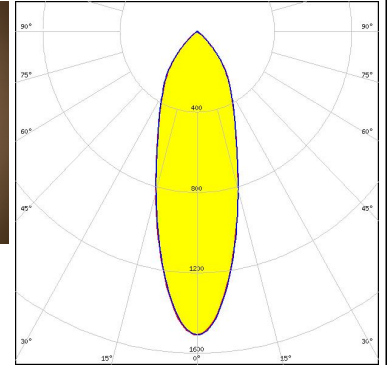
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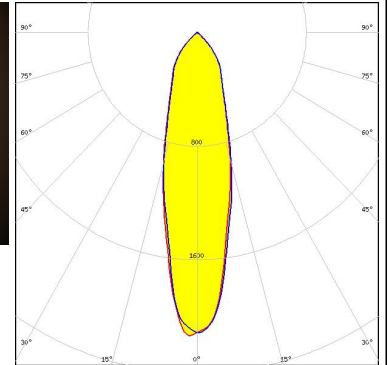
LED Vesta DTW 13mm (21W)
 FWHM / FWTM 27.0° / 80.0°
 Efficiency 90 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



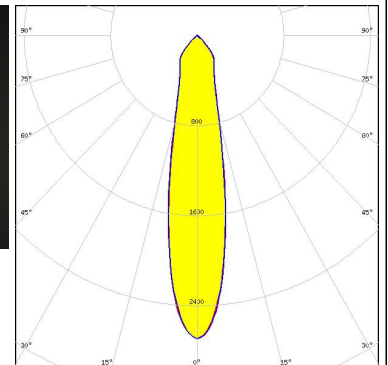
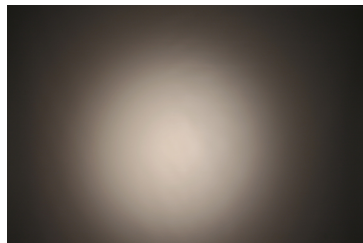
LED Vesta DTW 15mm (33W)
 FWHM / FWTM 33.0° / 85.0°
 Efficiency 84 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 491 Typ L8



LED Vesta DTW 15mm (33W)
 FWHM / FWTM 27.0° / 79.0°
 Efficiency 91 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



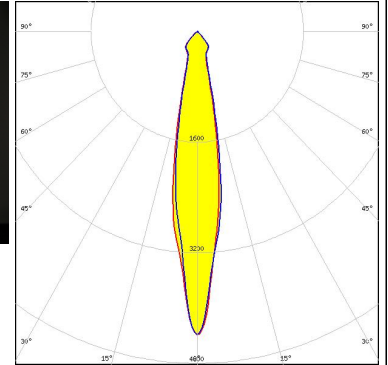
LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 22.0° / 72.0°
 Efficiency 87 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 490 Typ L8



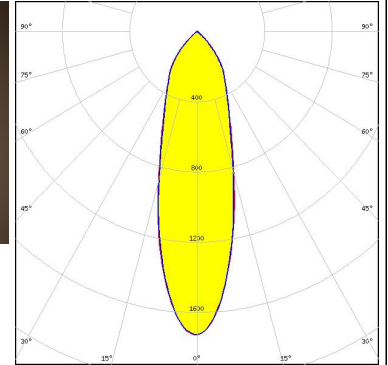
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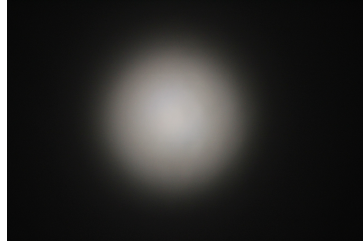
LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 92 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



LED Vesta TW 13mm (25W) CSP
 FWHM / FWTM 30.0° / 82.0°
 Efficiency 85 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 492 Typ L8



LED Vesta TW 6mm DP
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 90 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 504 Typ L8



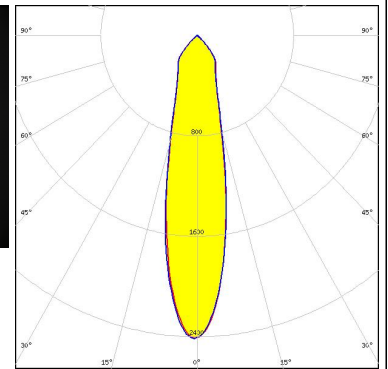
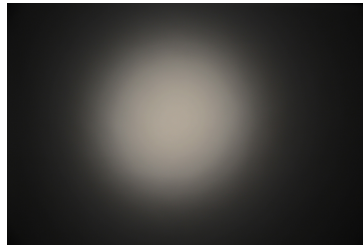
LED Vesta TW 6mm DP
 FWHM / FWTM 17.0° / 49.0°
 Efficiency 85 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 504 Typ L8



PHOTOMETRIC DATA (MEASURED):

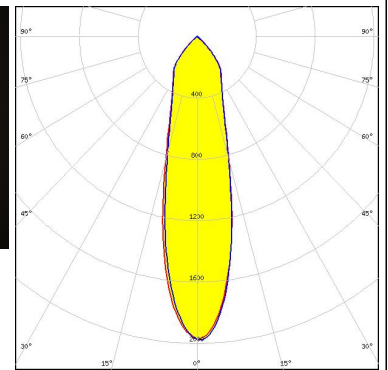
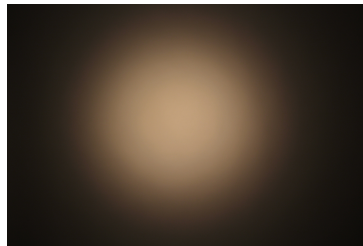


LED Vesta TW 9mm (12W) CSP
 FWHM / FWTM 23.0° / 76.0°
 Efficiency 85 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 489 Typ L8



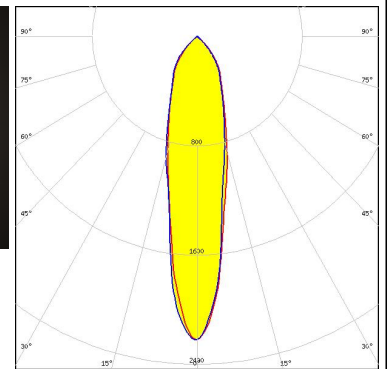
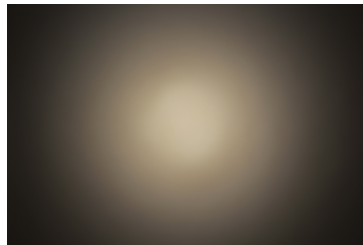
CITIZEN

LED CLC020 Series (Dim-To-Warm)
 FWHM / FWTM 26.0° / 81.0°
 Efficiency 84 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 487 Typ L8



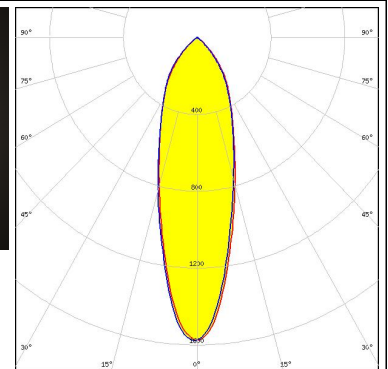
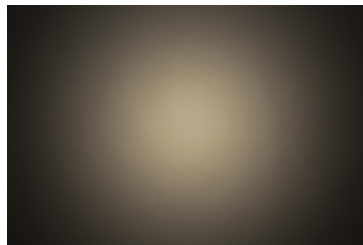
CITIZEN

LED CLC030 Series (Dim-To-Warm)
 FWHM / FWTM 23.0° / 78.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



CITIZEN

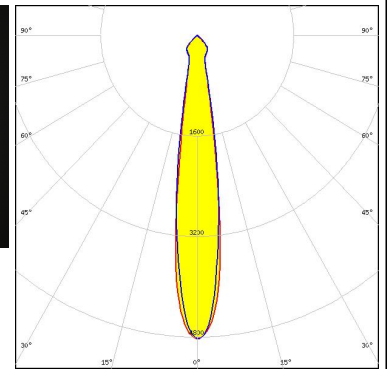
LED CLC030 Series (Dim-To-Warm)
 FWHM / FWTM 30.0° / 84.0°
 Efficiency %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 436 Typ L8



PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 16.0° / 33.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C

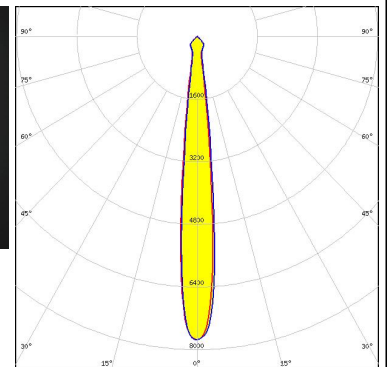


CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 16.0° / 33.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C

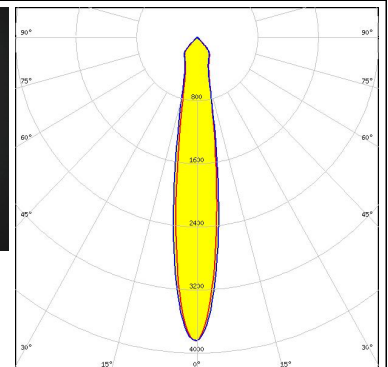
CITIZEN

LED CLU700/701/702
FWHM / FWTM 12.0° / 22.0°
Efficiency 94 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



CITIZEN

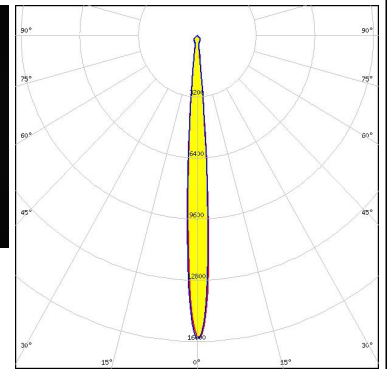
LED CLU700/701/702
FWHM / FWTM 17.0° / 47.0°
Efficiency 90 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C
C14658_BARBARA-RZ-LENS



PHOTOMETRIC DATA (MEASURED):

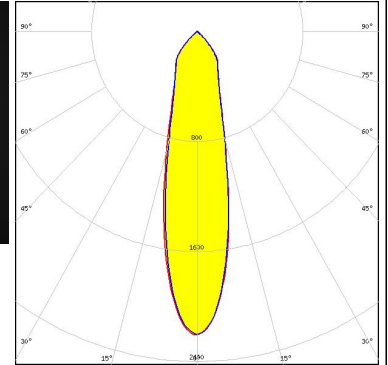
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 94 %
 Peak intensity 15.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



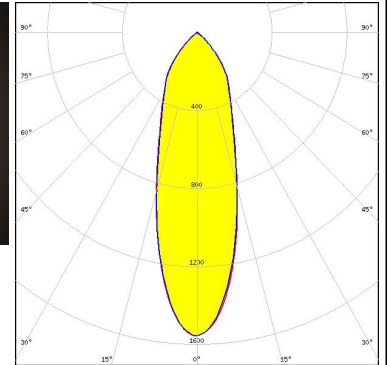
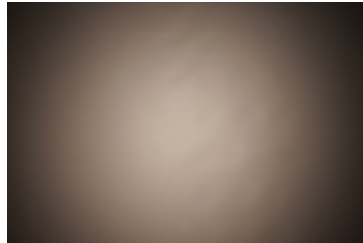
CITIZEN

LED LCN-C01B (Tunable White)
 FWHM / FWTM 25.0° / 79.0°
 Efficiency 86 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 481 Typ L8



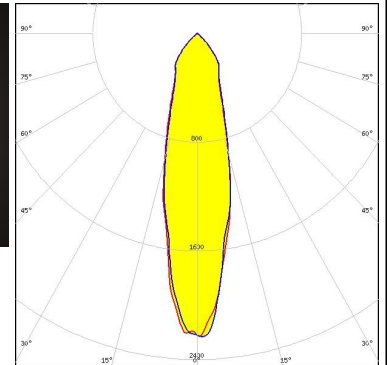
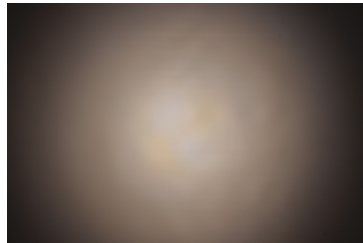
CITIZEN

LED LCN-C02B (Tunable White)
 FWHM / FWTM 32.0° / 85.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 481 Typ L8



CITIZEN

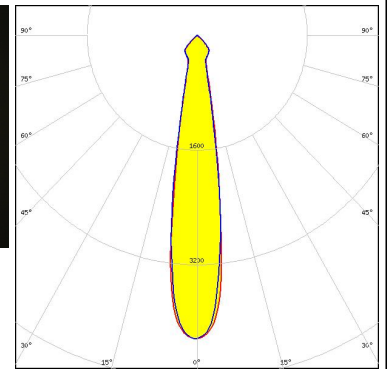
LED LCN-C02B (Tunable White)
 FWHM / FWTM 27.0° / 79.0°
 Efficiency 89 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



PHOTOMETRIC DATA (MEASURED):

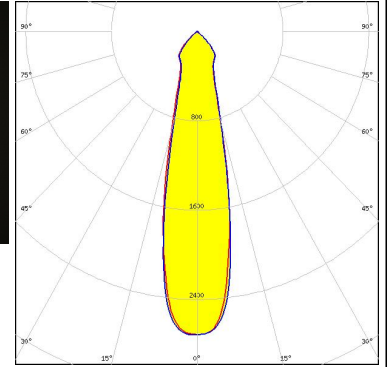
CREE LED

LED CMA1516
FWHM / FWTM 18.0° / 36.0°
Efficiency 94 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15256_HEKLA-SOCKET-D



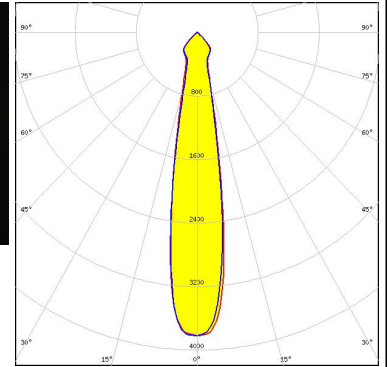
CREE LED

LED CMA1825
FWHM / FWTM 24.0° / 76.0°
Efficiency 94 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



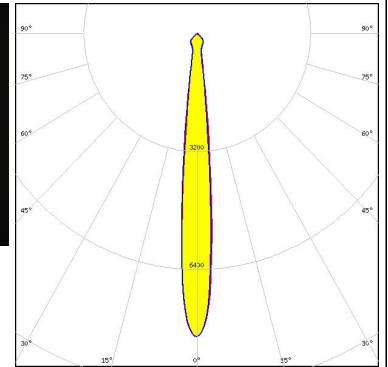
CREE LED

LED CMT14xx
FWHM / FWTM 19.0° / 41.0°
Efficiency 95 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



CREE LED

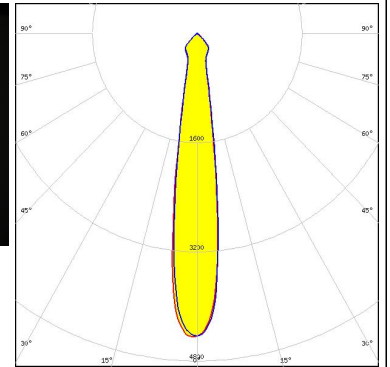
LED CXA/B 13xx
FWHM / FWTM 11.0° / 22.0°
Efficiency 94 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15956_HEKLA-SOCKET-J



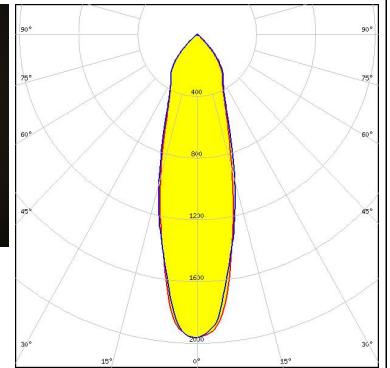
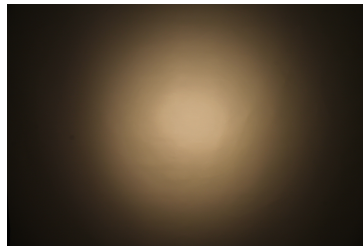
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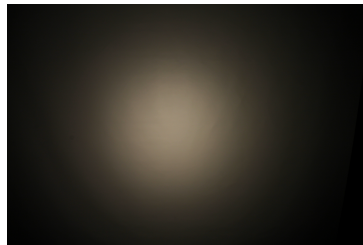
LED CXA/B 15xx
FWHM / FWTM 16.0° / 36.0°
Efficiency 94 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15256_HEKLA-SOCKET-D



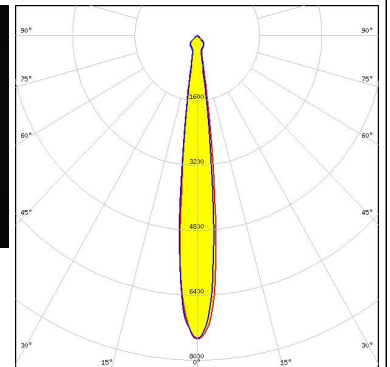
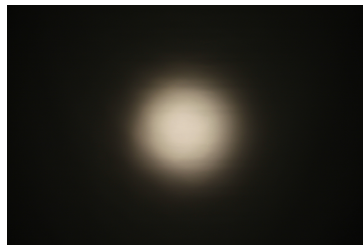
LED LUXEON CX Plus CoB L08 (Gen2)
FWHM / FWTM 29.0° / 83.0°
Efficiency 92 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla



LED LUXEON CX Plus CoB L08 (Gen2)
FWHM / FWTM 35.0° / 87.0°
Efficiency 84 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14658_BARBARA-RZ-LENS
Bender Wirth: 637a Hekla



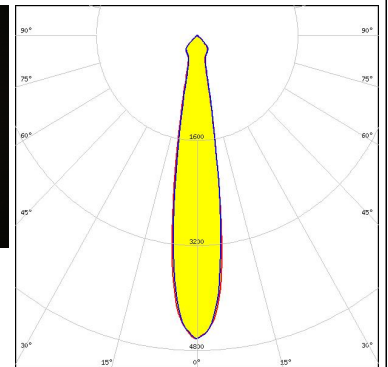
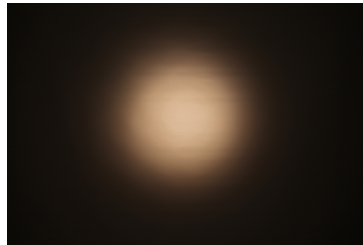
LED LUXEON CoB 1202HD
FWHM / FWTM 13.0° / 23.0°
Efficiency 95 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15848_HEKLA-SOCKET-G



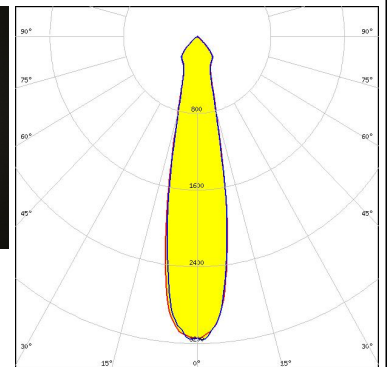
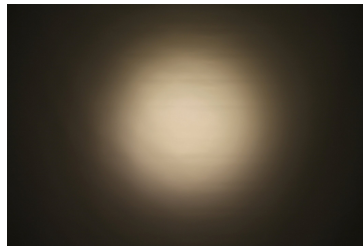
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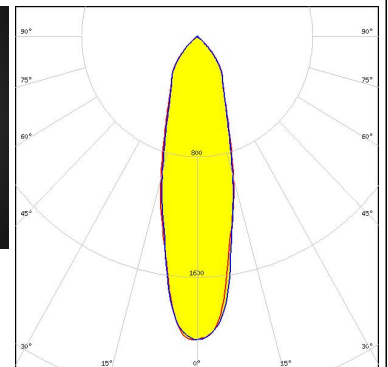
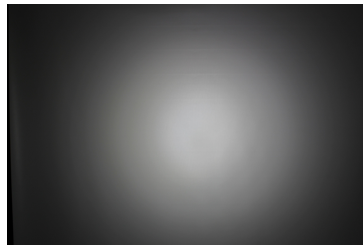
LED LUXEON CoB 1204HD
FWHM / FWTM 18.0° / 35.0°
Efficiency 96 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



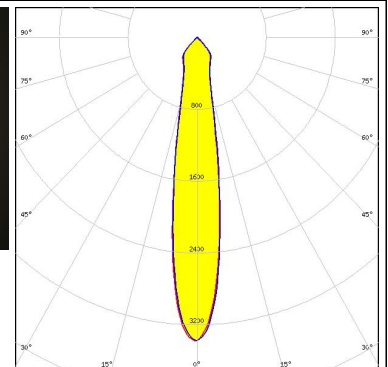
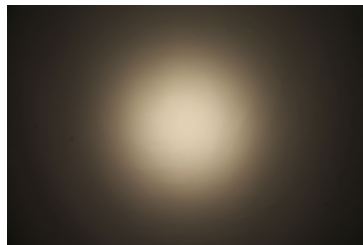
LED LUXEON CoB 1205HD
FWHM / FWTM 22.0° / 58.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



LED LUXEON CoB 1208
FWHM / FWTM 29.0° / 82.0°
Efficiency 92 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 632a Hekla XL



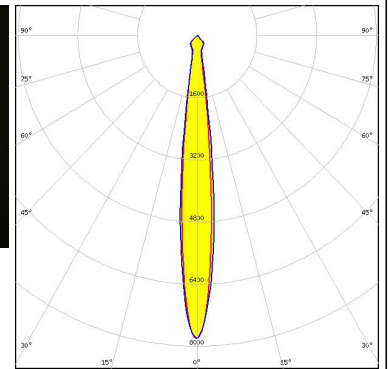
LED LUXEON CX Plus CoB - HD S01H4
FWHM / FWTM 18.0° / 54.0°
Efficiency 86 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14658_BARBARA-RZ-LENS
Bender Wirth: 634c Hekla



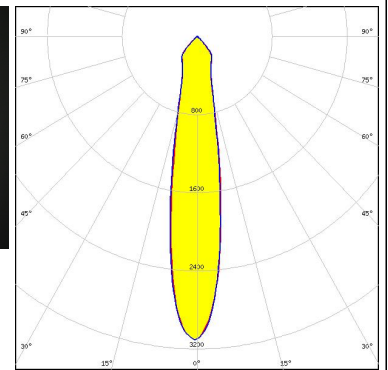
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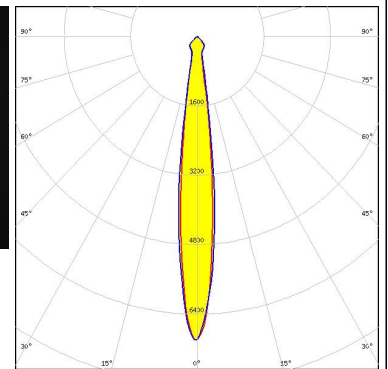
LED LUXEON CX Plus CoB - HD S01H4
 FWHM / FWTM 13.0° / 23.0°
 Efficiency 93 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Hekla



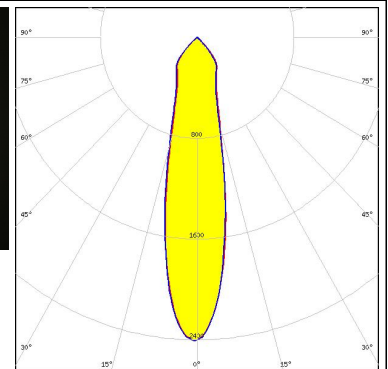
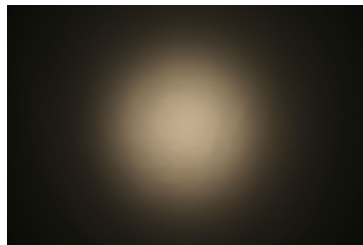
LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6
 FWHM / FWTM 20.0° / 60.0°
 Efficiency 86 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c Hekla



LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 93 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Hekla



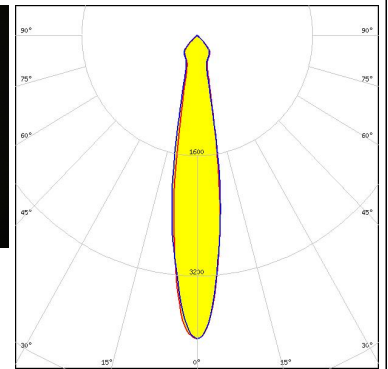
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 23.0° / 78.0°
 Efficiency 86 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c Hekla



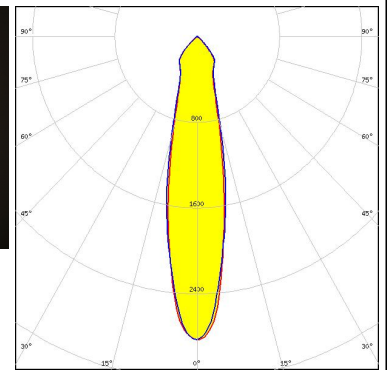
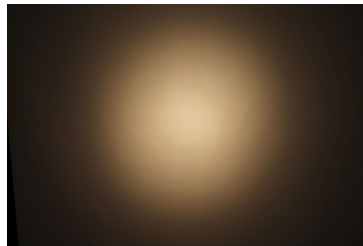
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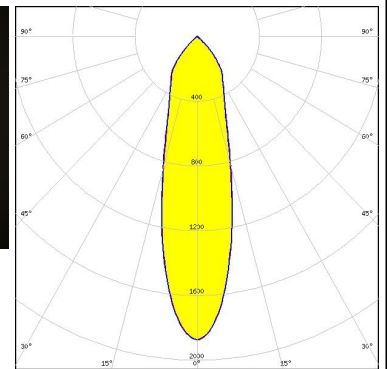
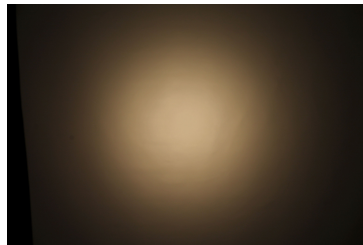
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 93 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Hekla



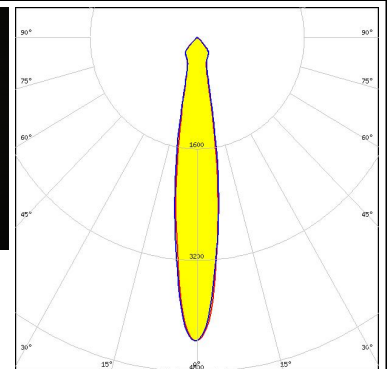
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 23.0° / 75.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 637a Hekla



LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 28.0° / 83.0°
 Efficiency 85 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 637a Hekla



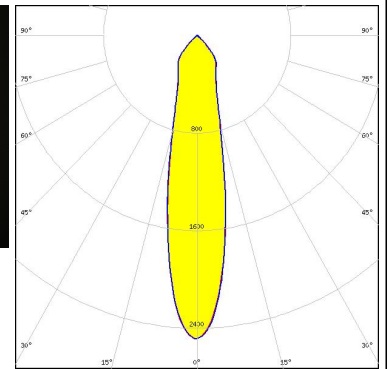
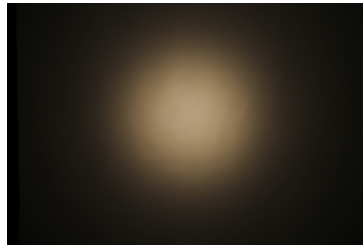
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 17.0° / 38.0°
 Efficiency 92 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 641a Hekla



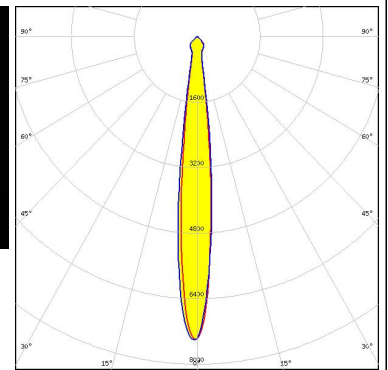
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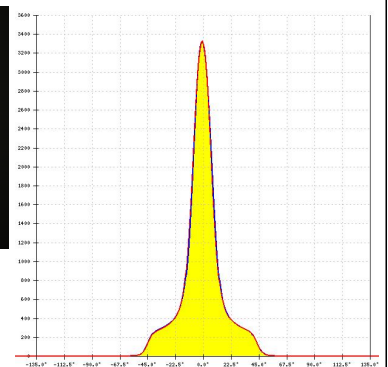
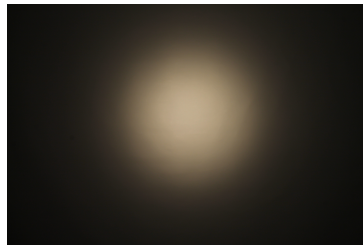
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 23.0° / 77.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 641a Hekla



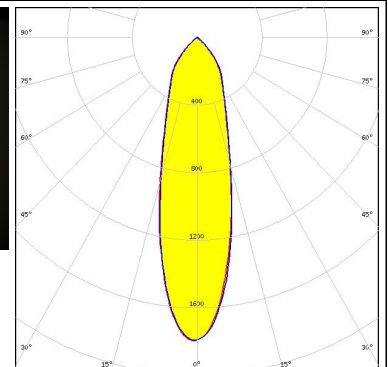
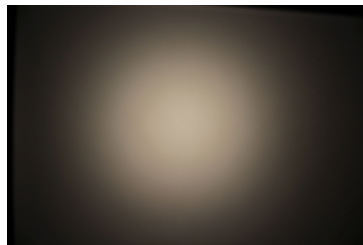
LED LUXEON CX Plus CoB S01 (Gen2)
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 93 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Hekla



LED LUXEON CX Plus CoB S01 (Gen2)
 FWHM / FWTM 19.0° / 56.0°
 Efficiency 86 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c Hekla



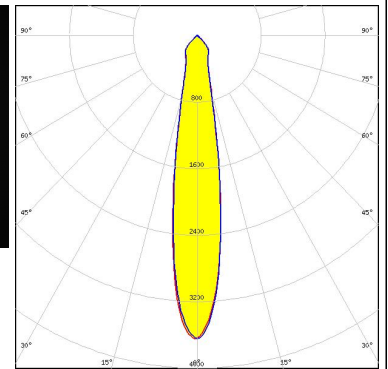
LED CDM-14 (Dim-To-Warm)
 FWHM / FWTM 28.0° / 81.0°
 Efficiency 83 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 491 Typ L8



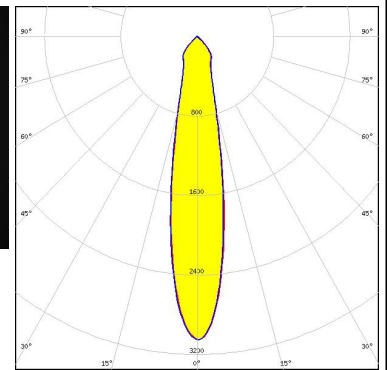
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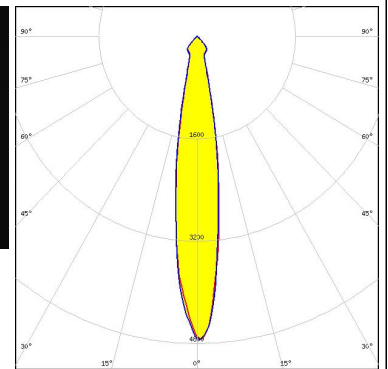
LED CDM-6 (Dim-To-Warm)
 FWHM / FWTM 18.0° / 45.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 490 Typ L8



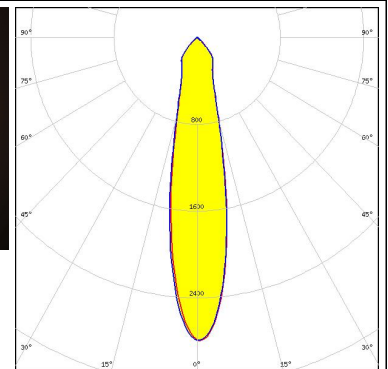
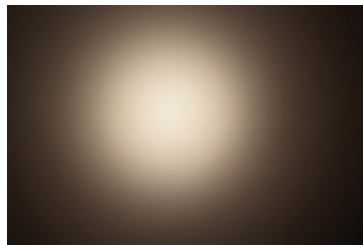
LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 21.0° / 56.0°
 Efficiency 85 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 490 Typ L8



LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 90 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



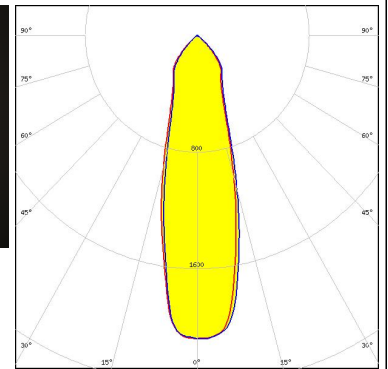
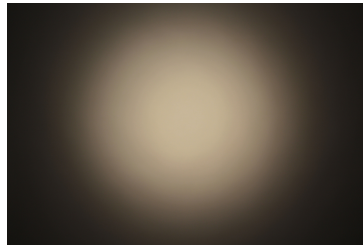
LED CTM-9 (Tunable White)
 FWHM / FWTM 22.0° / 65.0°
 Efficiency 85 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 495 Typ L8



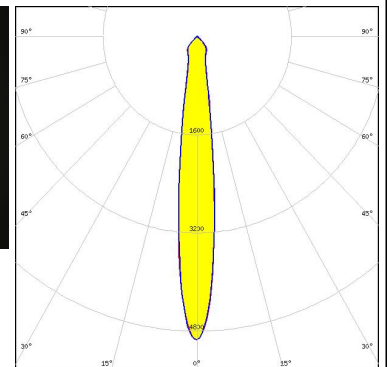
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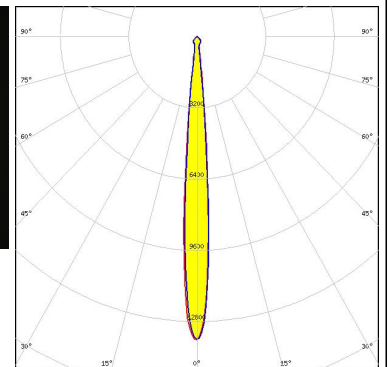
LED CxM-14 (19x19)
 FWHM / FWTM 29.0° / 83.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



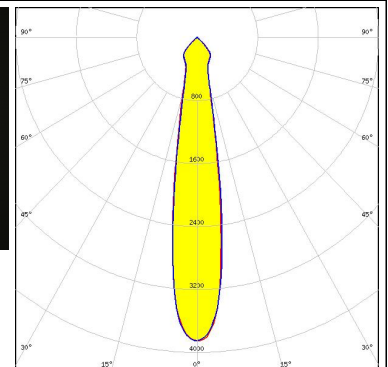
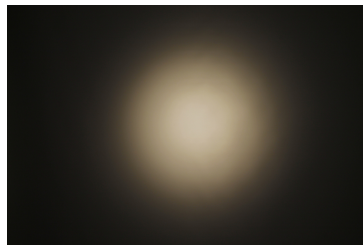
LED CXM-4
 FWHM / FWTM 14.0° / 35.0°
 Efficiency 89 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



LED CXM-4
 FWHM / FWTM 9.0° / 16.0°
 Efficiency 94 %
 Peak intensity 13.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



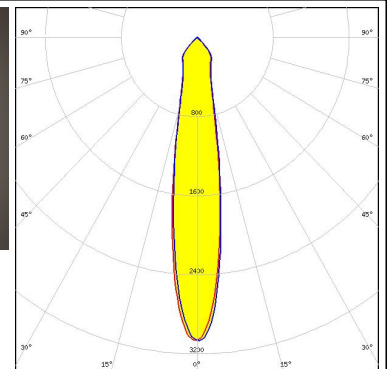
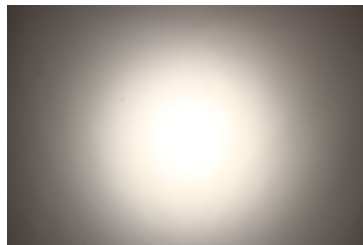
LED CxM-9 (13.5x13.5)
 FWHM / FWTM 18.0° / 44.0°
 Efficiency 94 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



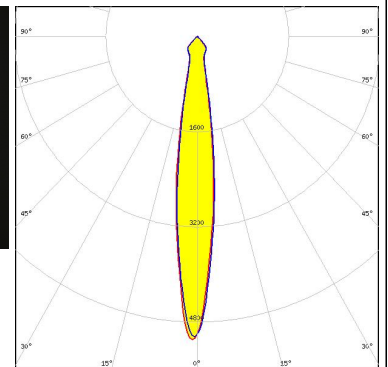
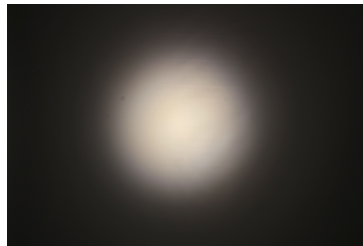
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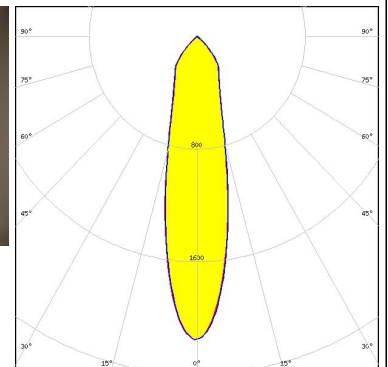
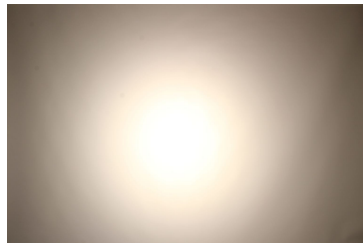
LED NJCWL024Z-V1MT: COB L-Type Tunable White
 FWHM / FWTM 18.0° / 57.0°
 Efficiency 81 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 497 Typ L8



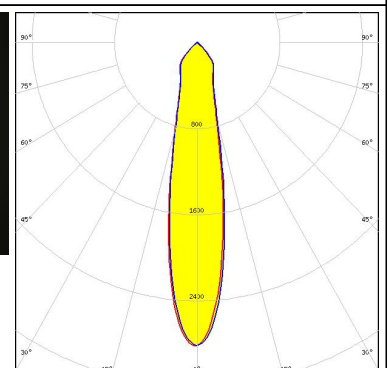
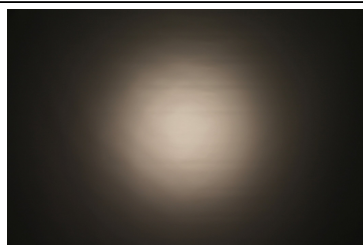
LED NJCWL024Z-V1MT: COB L-Type Tunable White
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 86 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 497 Typ L8



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 25.0° / 79.0°
 Efficiency 85 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 498 Typ L2



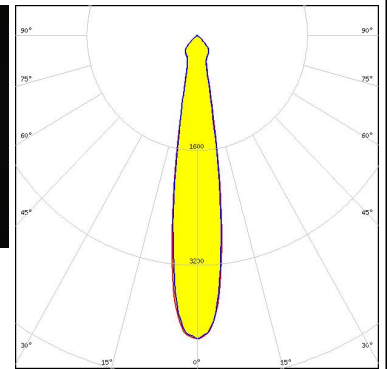
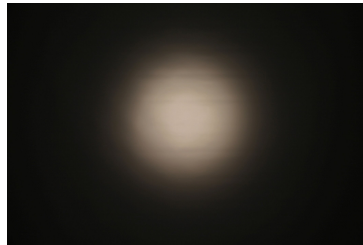
LED Fortimo SLM L09 CoB
 FWHM / FWTM 21.0° / 70.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H
 C14658_BARBARA-RZ-LENS



PHOTOMETRIC DATA (MEASURED):

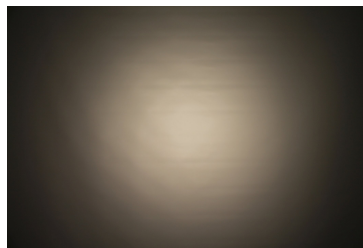
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 94 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



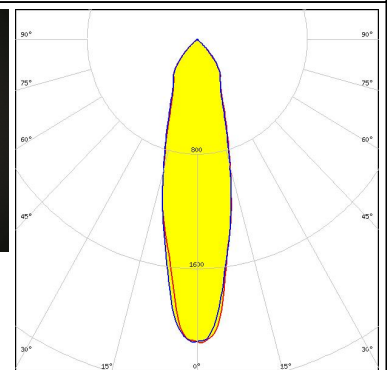
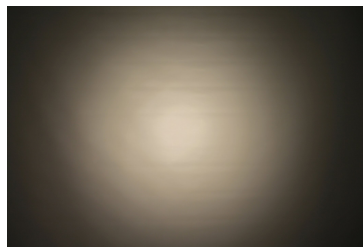
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 32.0° / 85.0°
 Efficiency 85 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 432 Typ L8



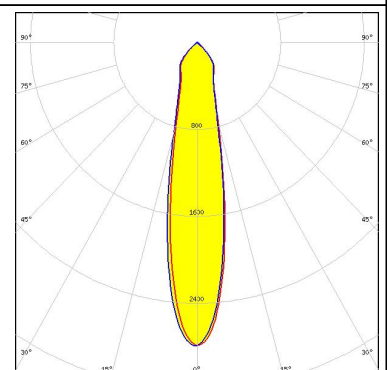
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 27.0° / 80.0°
 Efficiency 89 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



SAMSUNG

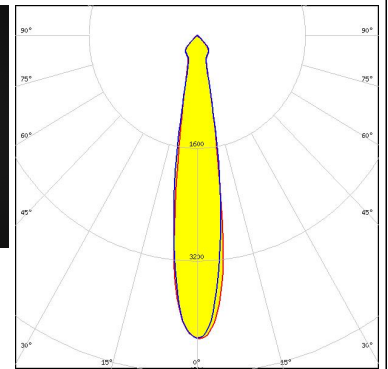
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 22.0° / 70.0°
 Efficiency 90 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 94 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

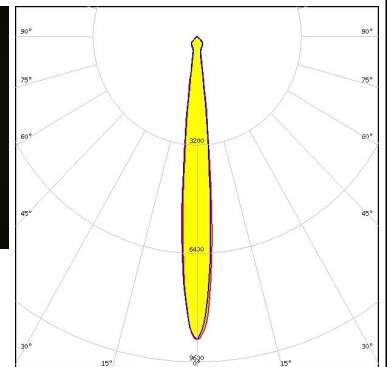


SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 94 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

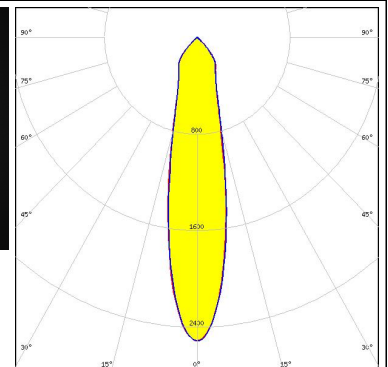
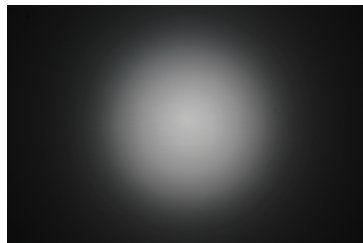
SAMSUNG

LED LC010C G2
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 93 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



SAMSUNG

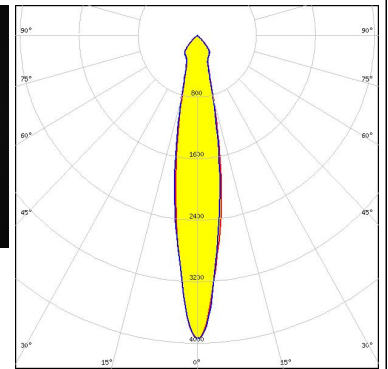
LED LC010T (Tunable White)
 FWHM / FWTM 23.0° / 75.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 501 Typ L8



PHOTOMETRIC DATA (MEASURED):

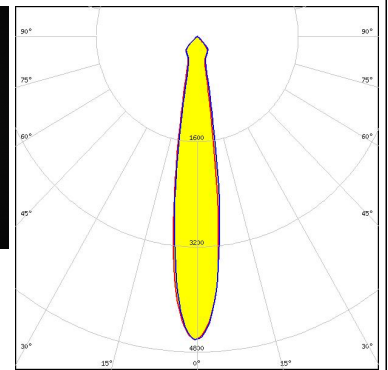
SAMSUNG

LED LC010T (Tunable White)
 FWHM / FWTM 18.0° / 43.0°
 Efficiency 91 %
 Peak intensity 3.9 cd/Im
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



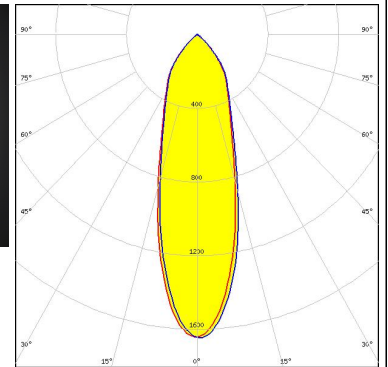
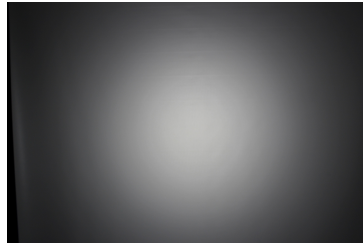
SAMSUNG

LED LC020C G2
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 94 %
 Peak intensity 4.6 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



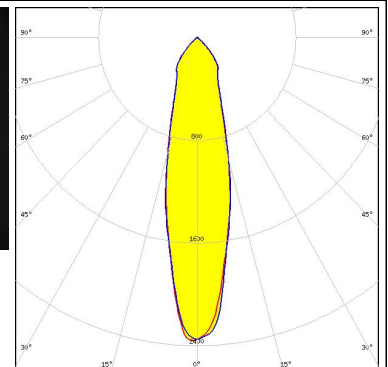
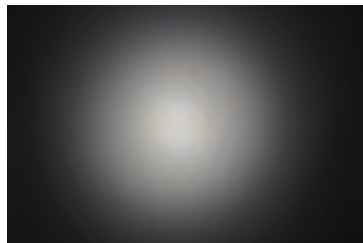
SAMSUNG

LED LC020T (Tunable white)
 FWHM / FWTM 31.0° / 84.0°
 Efficiency 85 %
 Peak intensity 1.6 cd/Im
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 501 Typ L8

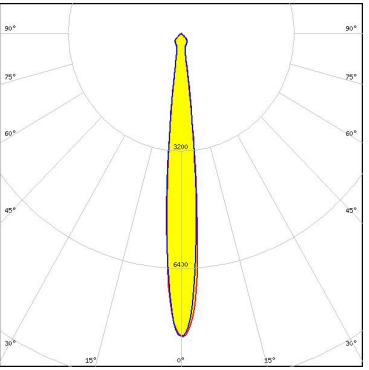
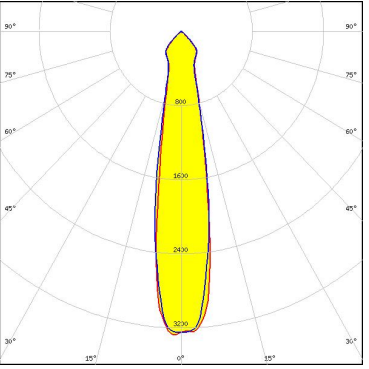
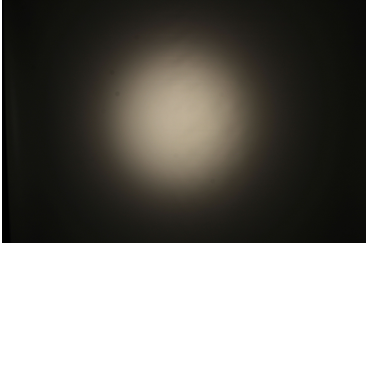
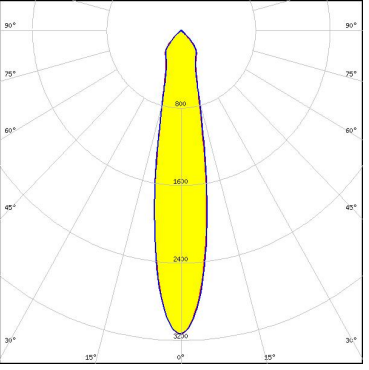
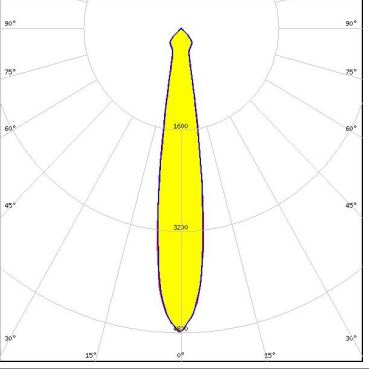


SAMSUNG

LED LC020T (Tunable white)
 FWHM / FWTM 26.0° / 78.0°
 Efficiency 90 %
 Peak intensity 2.4 cd/Im
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



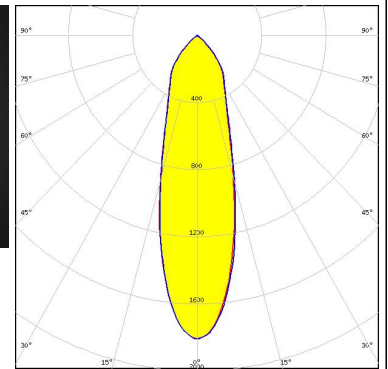
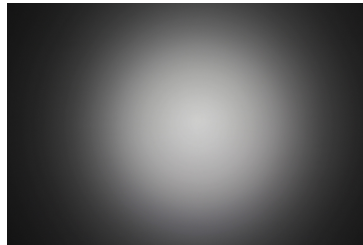
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR LED MJT COB LES 6 FWHM / FWTM 11.0° / 22.0° Efficiency 93 % Peak intensity 8.3 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C		
SEOUL SEMICONDUCTOR LED MJT COB LES 9.8 FWHM / FWTM 20.0° / 58.0° Efficiency 92 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C		
TRIDONIC LED SLE G7 LES09 FWHM / FWTM 20.0° / 63.0° Efficiency 91 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C C14658_BARBARA-RZ-LENS		
TRIDONIC LED SLE G7 LES09 FWHM / FWTM 17.0° / 34.0° Efficiency 94 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C		

PHOTOMETRIC DATA (MEASURED):

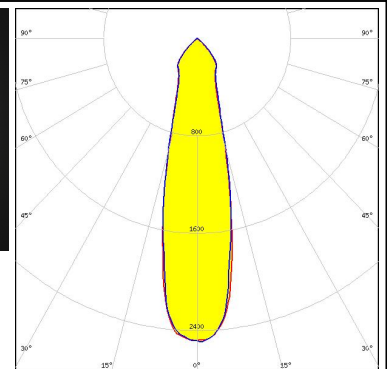
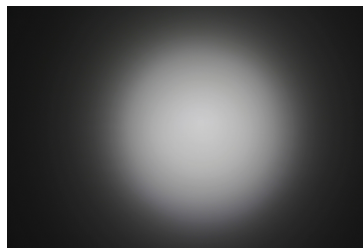
TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 29.0° / 83.0°
 Efficiency 87 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I
 C14658_BARBARA-RZ-LENS



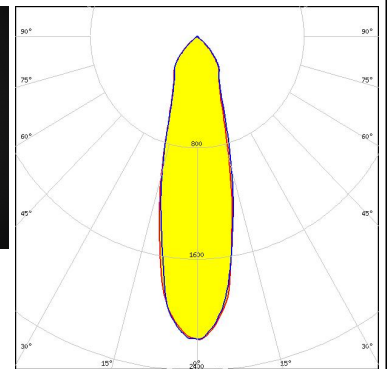
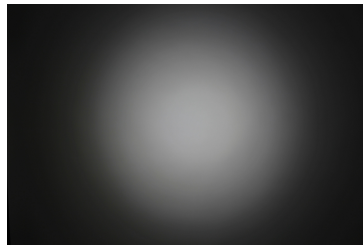
TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 26.0° / 78.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



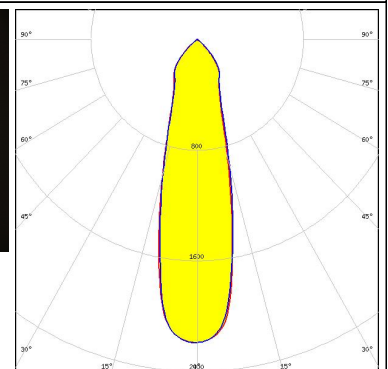
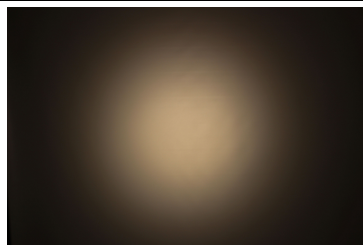
TRIDONIC

LED SLE G7 LES15
 FWHM / FWTM 28.0° / 81.0°
 Efficiency 94 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



XICATO

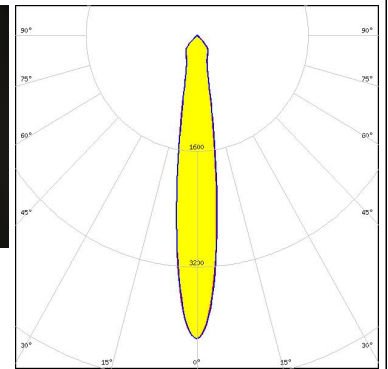
LED XOB 14.5 mm
 FWHM / FWTM 27.0° / 82.0°
 Efficiency 94 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (MEASURED):

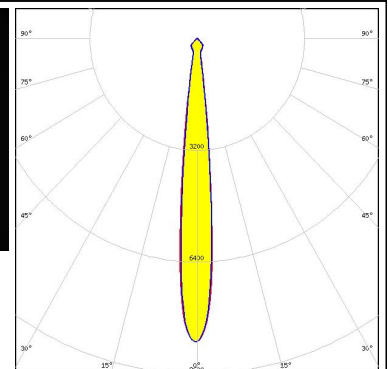
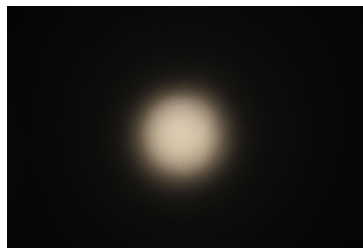
XICATO

LED XOB 6 mm
FWHM / FWTM 15.0° / 41.0°
Efficiency 88 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C
C14658_BARBARA-RZ-LENS



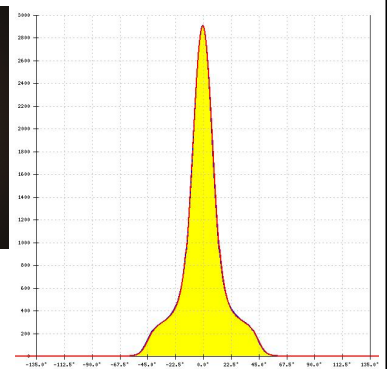
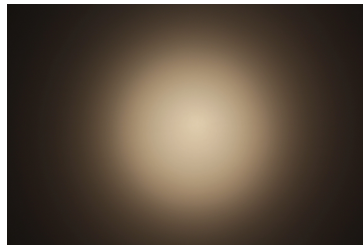
XICATO

LED XOB 6 mm
FWHM / FWTM 11.0° / 21.0°
Efficiency 94 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



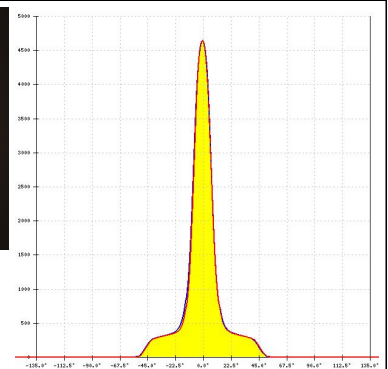
XICATO

LED XOB 9.8 mm
FWHM / FWTM 21.0° / 69.0°
Efficiency 90 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C
C14658_BARBARA-RZ-LENS



XICATO

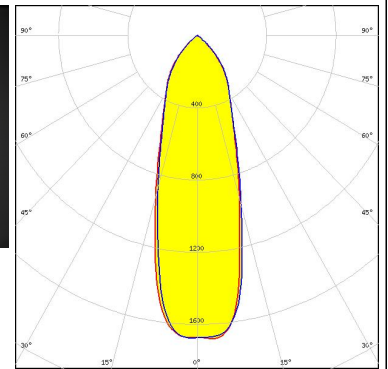
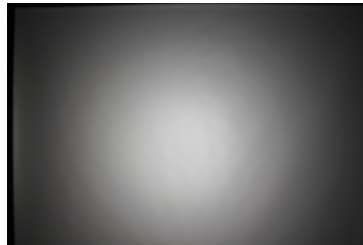
LED XOB 9.8 mm
FWHM / FWTM 16.0° / 35.0°
Efficiency 94 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

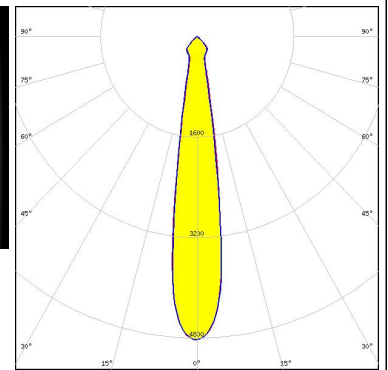
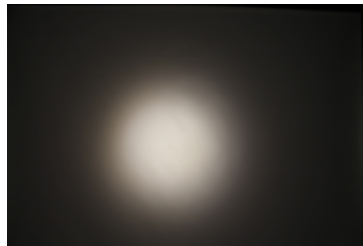
XICATO

LED XTM - 19mm LES
FWHM / FWTM 33.0° / 86.0°
Efficiency 92 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15743_XTM-ADAPTER-50-B



XICATO

LED XTM - 9mm LES
FWHM / FWTM 17.0° / 33.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15743_XTM-ADAPTER-50-B



PHOTOMETRIC DATA (SIMULATED):



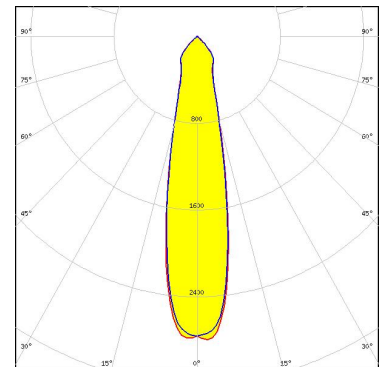
LED V10 Gen6
 FWHM / FWTM 15.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F14988_HEKLA-SOCKET-E



LED V10 Gen6
 FWHM / FWTM 15.0° / 32.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:
 F14988_HEKLA-SOCKET-E



LED V13 Gen6
 FWHM / FWTM 24.0° / 70.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F14988_HEKLA-SOCKET-E



LED V8 Gen6
 FWHM / FWTM 15.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A

PHOTOMETRIC DATA (SIMULATED):



LED V8 Gen6
 FWHM / FWTM 15.0° / 32.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A



LED Vesta TW 9mm (9W) DP
 FWHM / FWTM 18.0° / 45.0°
 Efficiency 87 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 489 Typ L8



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 22.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B

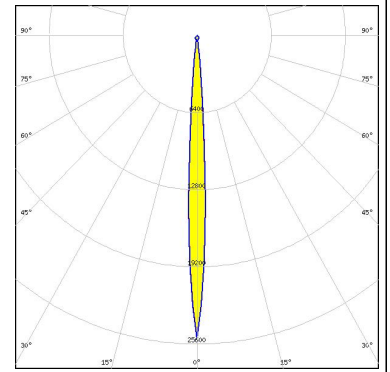


LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 22.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B

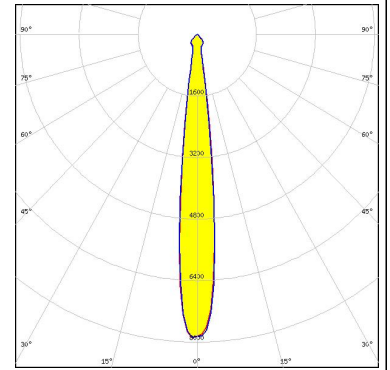
PHOTOMETRIC DATA (SIMULATED):



LED CXM-3
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 93 %
 Peak intensity 25.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 434 Typ L8



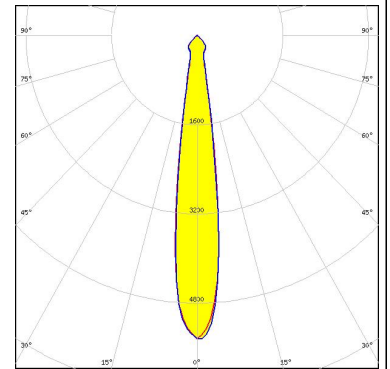
LED CxM-6 (13.5x13.5)
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 93 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



LED COB L-Type (LES 11)
 FWHM / FWTM 20.0° / 51.0°
 Efficiency 93 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



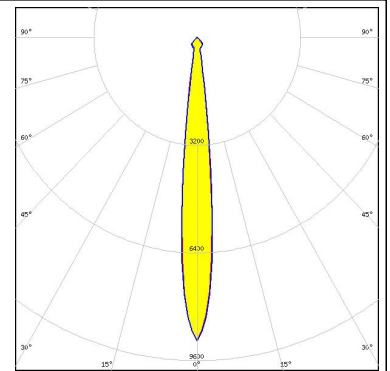
LED COB L-Type (LES 9)
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 93 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



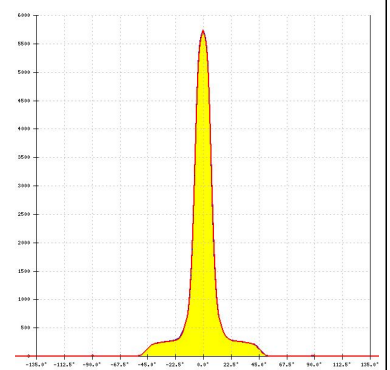
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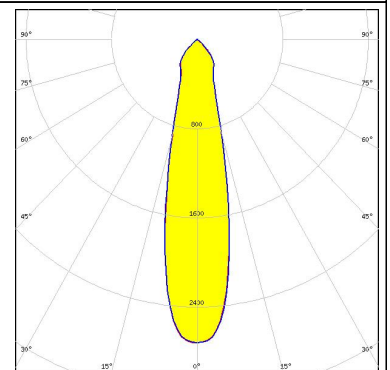
LED COB T-Type
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 91 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



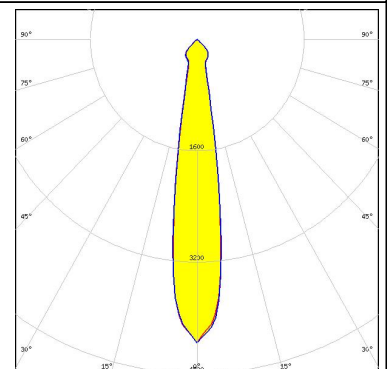
LED NFSWE11A
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 86 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 30
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



LED Soleriq S13 19x19
 FWHM / FWTM 23.9° / 70.4°
 Efficiency 93 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



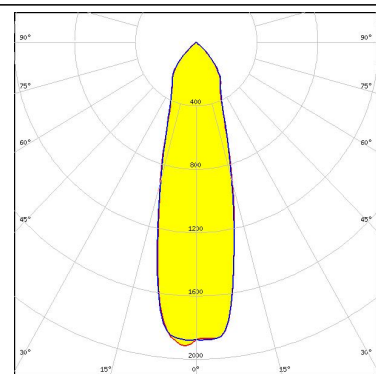
LED Soleriq S9
 FWHM / FWTM 17.4° / 36.5°
 Efficiency 93 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	29.0° / 82.1°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	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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LEDiL Oy

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