

AMY-50-S-C

~18° spot beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

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

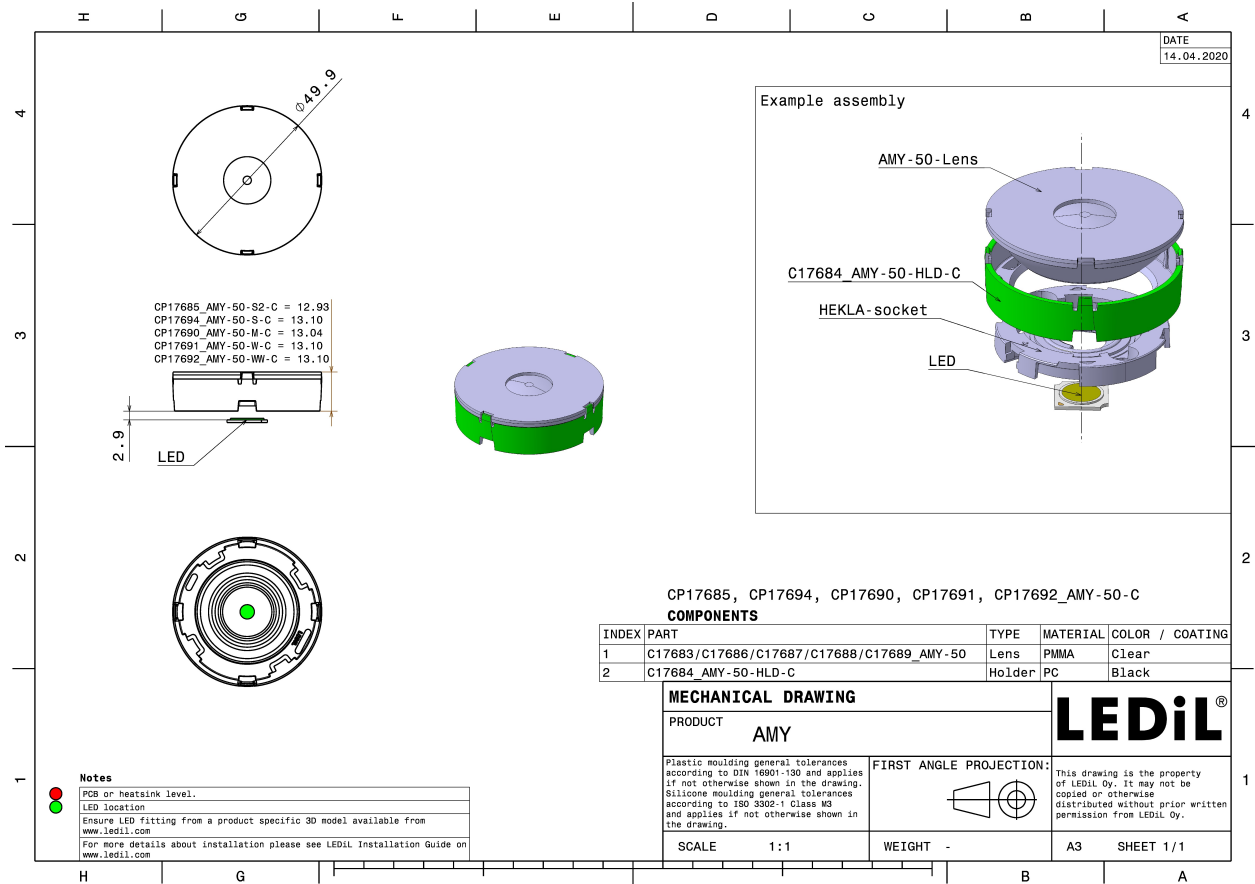
MATERIALS:

Component	Type	Material	Colour	Finish
AMY-50-S	Single lens	PMMA		
AMY-50-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

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



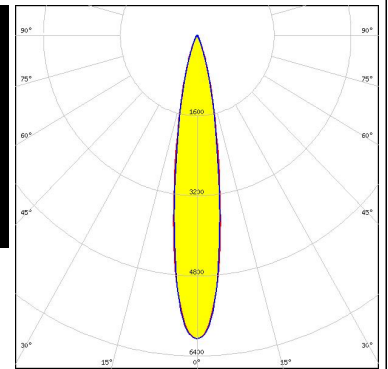


See also our general installation guide: www.ledil.com/installation_guide

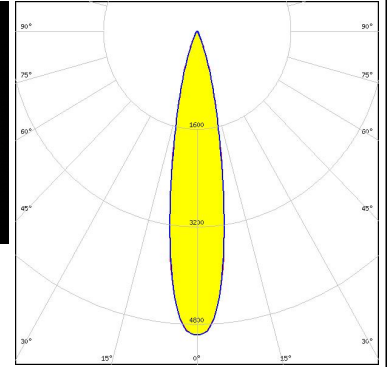
OPTICAL RESULTS (MEASURED):



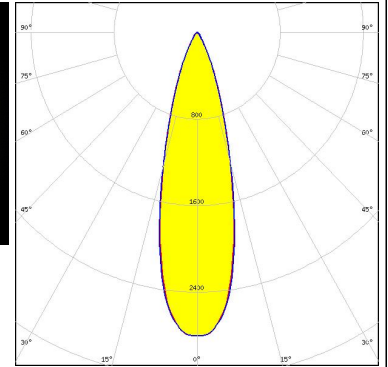
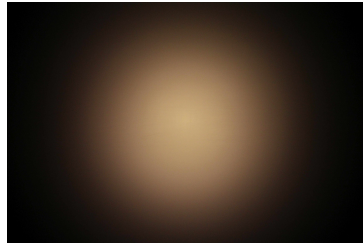
LED V10 Gen 8
FWHM / FWTM 18.0° / 38.0°
Efficiency 91 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



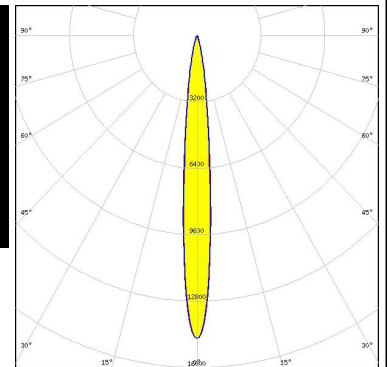
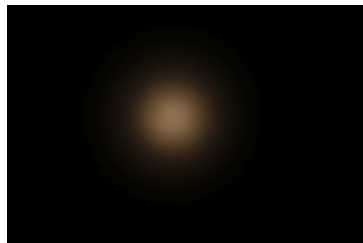
LED V11 HD Gen 8
FWHM / FWTM 20.0° / 41.0°
Efficiency 90 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 633d Hekla



LED V13 Gen 8
FWHM / FWTM 28.0° / 53.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



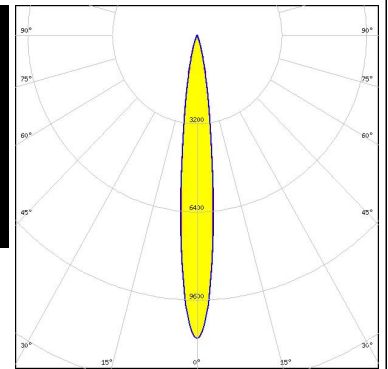
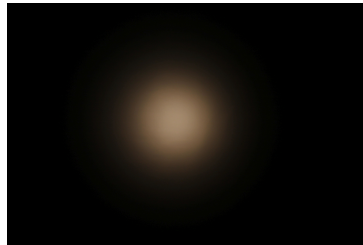
LED V4 HD Gen 7
FWHM / FWTM 10.0° / 24.0°
Efficiency 93 %
Peak intensity 14.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



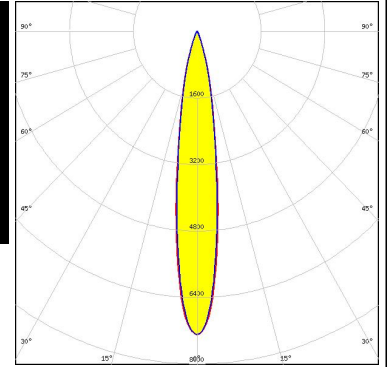
OPTICAL RESULTS (MEASURED):



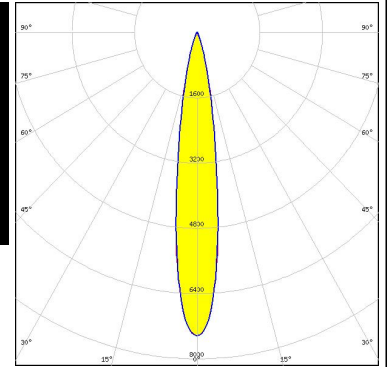
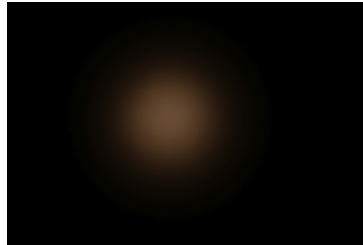
LED V6 HD Gen 7
FWHM / FWTM 12.0° / 28.0°
Efficiency 92 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



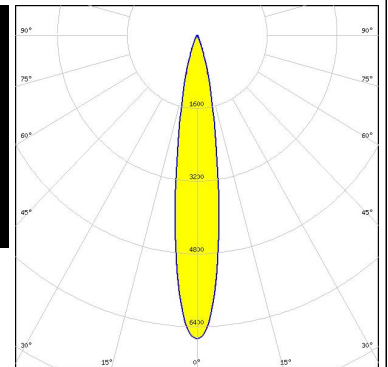
LED V8 Gen 8
FWHM / FWTM 16.0° / 35.0°
Efficiency 92 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



LED V9 HD Gen7
FWHM / FWTM 16.0° / 33.0°
Efficiency 90 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



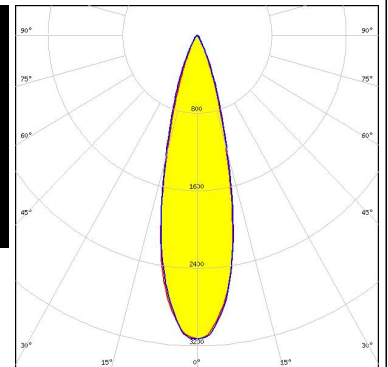
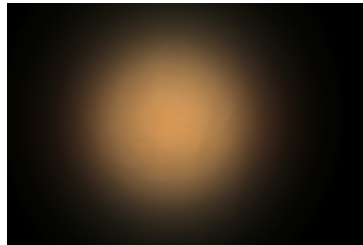
LED VERO10
FWHM / FWTM 17.0° / 36.0°
Efficiency 90 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



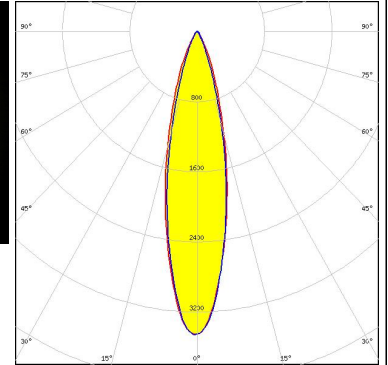
OPTICAL RESULTS (MEASURED):



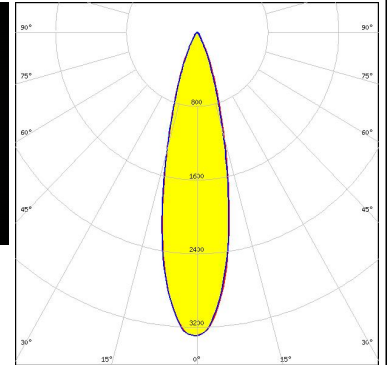
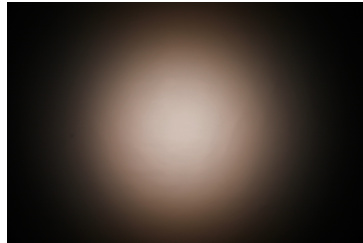
LED Vesta DTW 13mm (21W)
 FWHM / FWTM 27.0° / 49.0°
 Efficiency 86 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



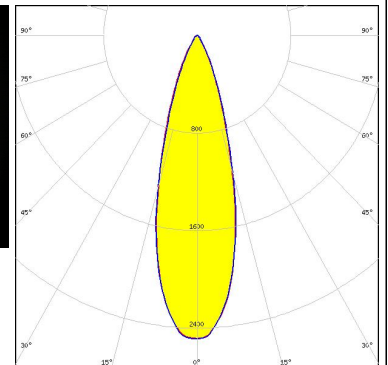
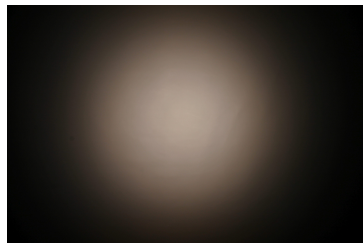
LED Vesta DTW 15mm (33W)
 FWHM / FWTM 24.0° / 49.0°
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



LED Vesta TW 13mm (18W) DP
 FWHM / FWTM 25.0° / 49.0°
 Efficiency 86 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 492 Typ L8



LED Vesta TW 15mm DP
 FWHM / FWTM 30.0° / 55.0°
 Efficiency 85 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 482 Typ L8



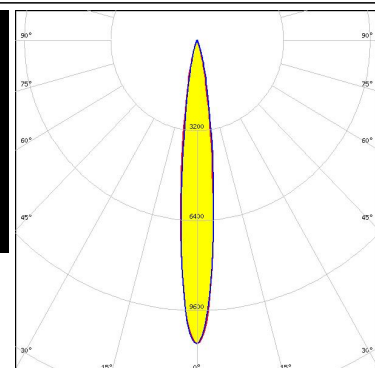
OPTICAL RESULTS (MEASURED):



LED Vesta TW 6mm DP
FWHM / FWTM 13.0° / 28.0°
Efficiency 90 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour Tunable White

Required components:

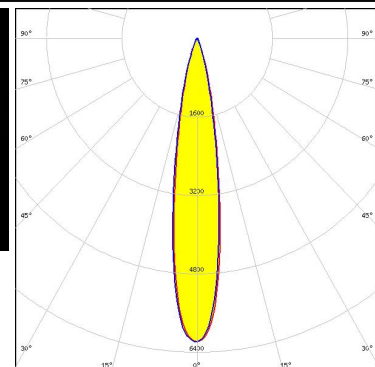
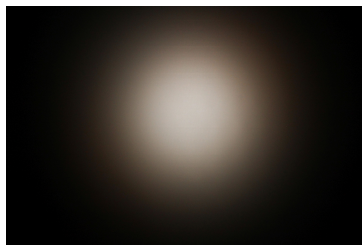
C16142_HEKLA-SOCKET-K
Bender Wirth: 504 Typ L8



LED Vesta TW 9mm (9W) DP
FWHM / FWTM 18.0° / 36.0°
Efficiency 88 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour Tunable White

Required components:

C16142_HEKLA-SOCKET-K
Bender Wirth: 489 Typ L8

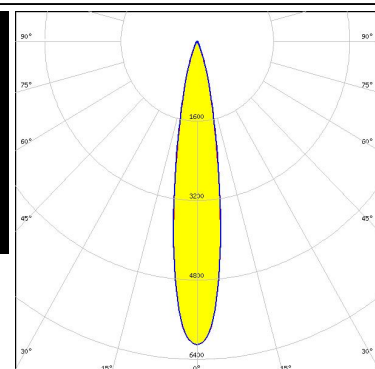
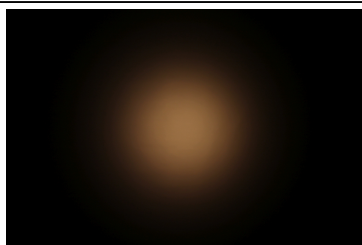


CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 18.0° / 36.0°
Efficiency 89 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F17435_HEKLA-G2-C

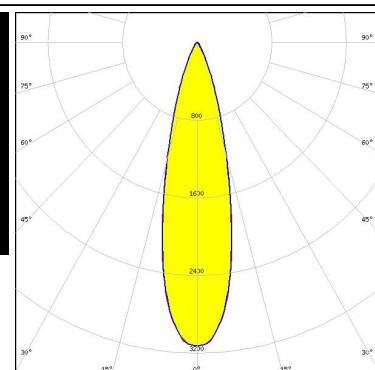
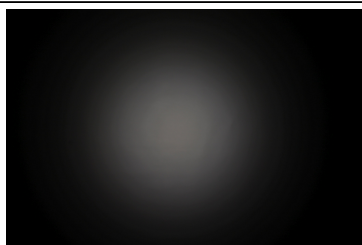


CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 26.0° / 50.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

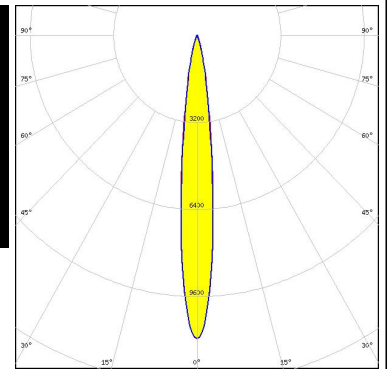
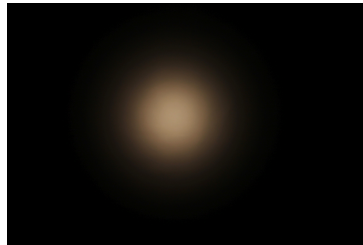
F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

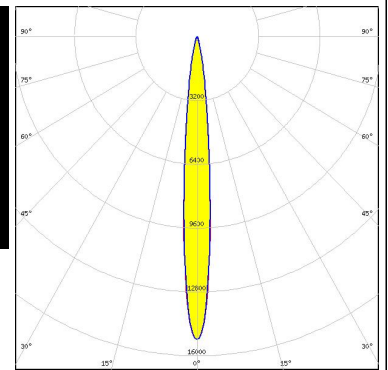
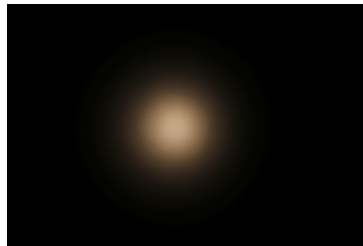
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 90 %
 Peak intensity 11.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



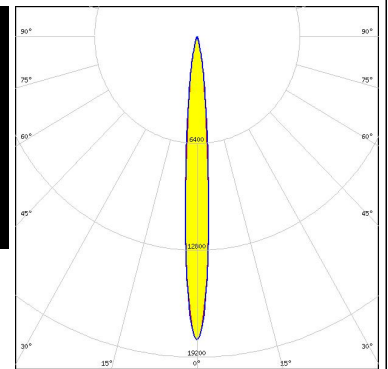
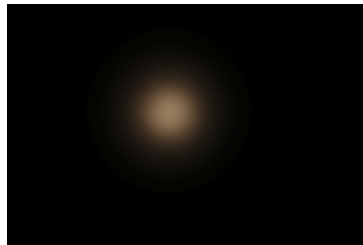
CITIZEN

LED CLU7A2/7A3
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 91 %
 Peak intensity 15.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



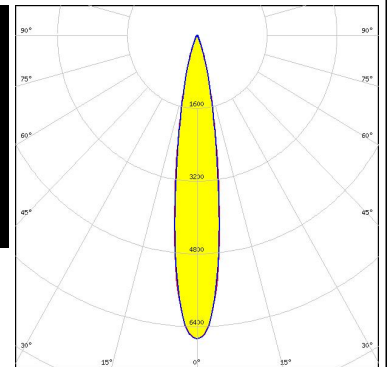
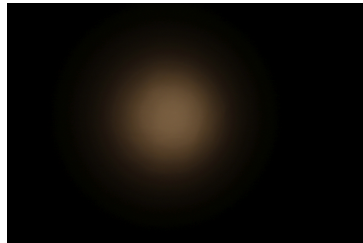
CITIZEN

LED CLU7B2
 FWHM / FWTM 9.0° / 22.0°
 Efficiency 91 %
 Peak intensity 18.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



CREE LED

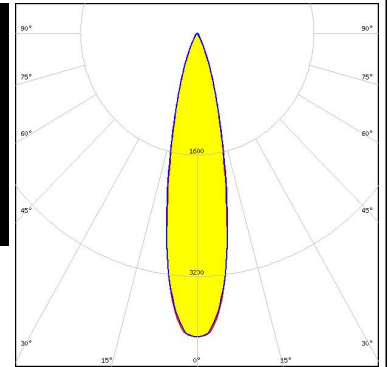
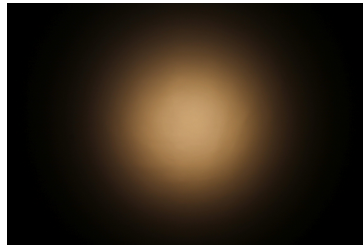
LED CMA1516
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 90 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



OPTICAL RESULTS (MEASURED):

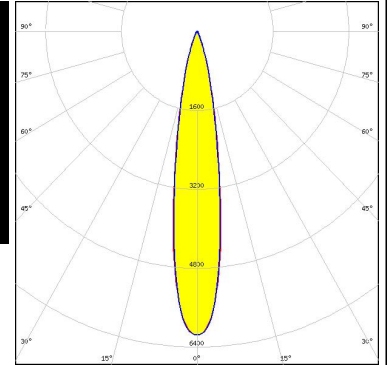
CREE LED

LED CMA1825
FWHM / FWTM 23.0° / 45.0°
Efficiency 89 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



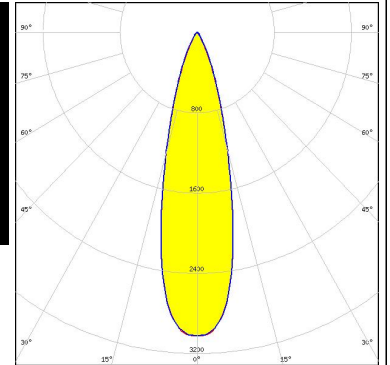
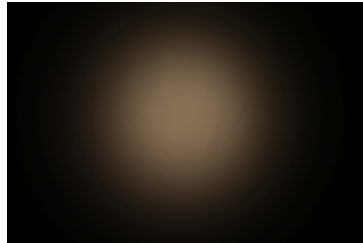
CREE LED

LED CMT14xx
FWHM / FWTM 18.0° / 37.0°
Efficiency 89 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



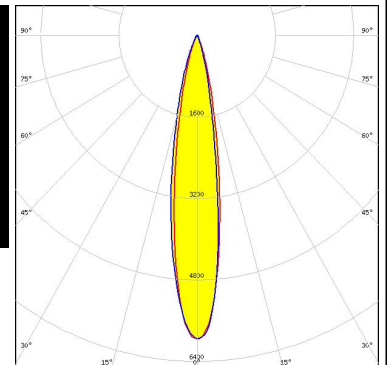
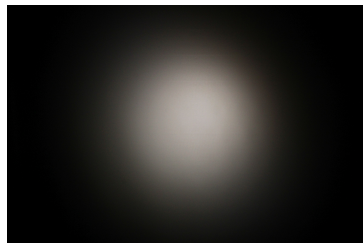
CREE LED

LED CMT19xx
FWHM / FWTM 26.0° / 51.0°
Efficiency 87 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



CREE LED

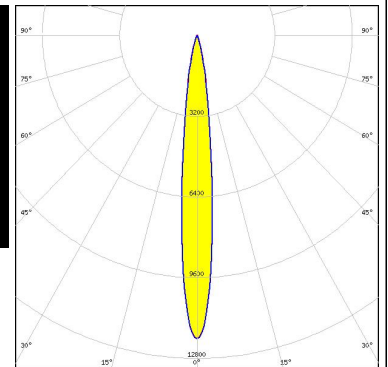
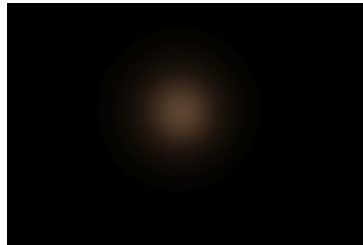
LED CMU10xx
FWHM / FWTM 18.0° / 37.0°
Efficiency 89 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



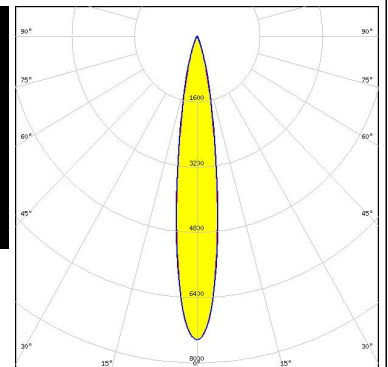
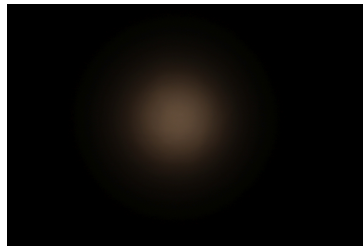
OPTICAL RESULTS (MEASURED):



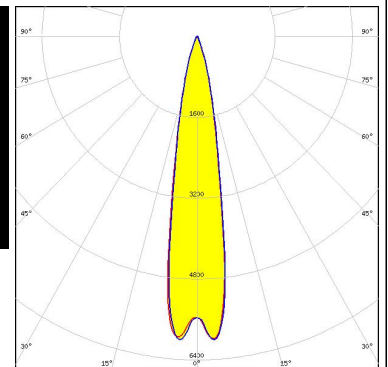
LED CXA/B 13xx
FWHM / FWTM 12.0° / 27.0°
Efficiency 92 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17439_HEKLA-G2-J



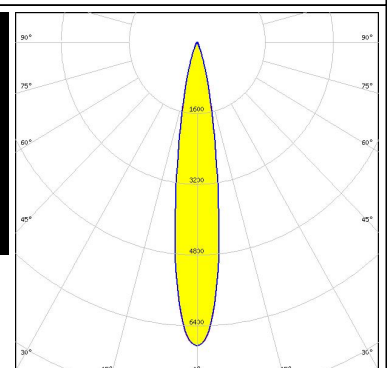
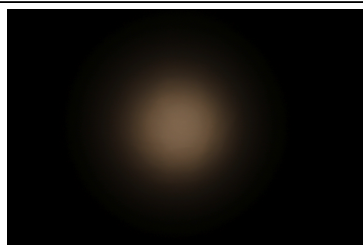
LED CXA/B 15xx
FWHM / FWTM 15.0° / 34.0°
Efficiency 90 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D



LED LEDIM/C6
FWHM / FWTM 19.0° / 37.0°
Efficiency 90 %
Peak intensity 6.2 cd/lm
LEDs/each optic 9
Light colour White
Required components:
F17438_HEKLA-G2-I



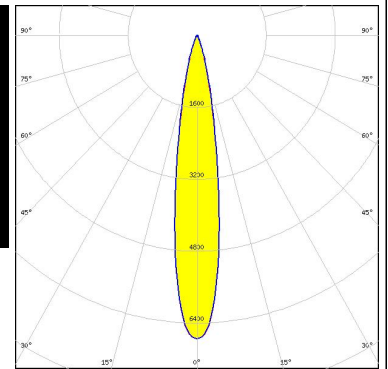
LED LUXEON CoB 1202/1203
FWHM / FWTM 17.0° / 35.0°
Efficiency 89 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



OPTICAL RESULTS (MEASURED):

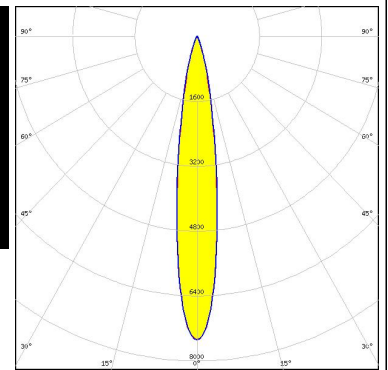
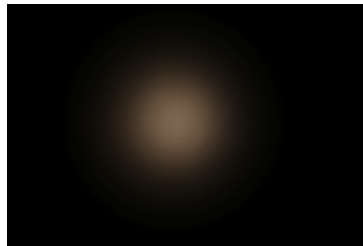
LUMILEDS

LED LUXEON CoB 1204HD
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 89 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



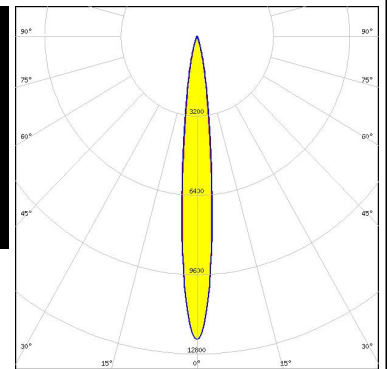
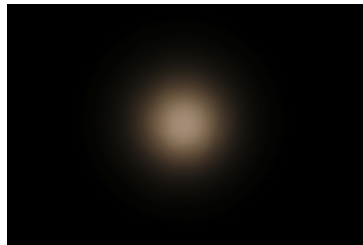
LUMILEDS

LED LUXEON CoB M02/M03
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 90 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



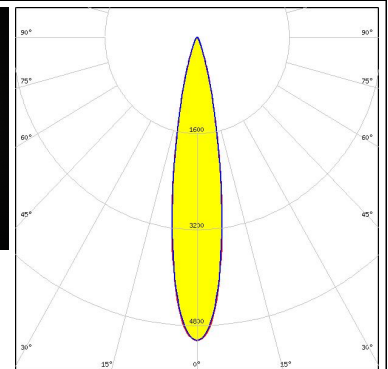
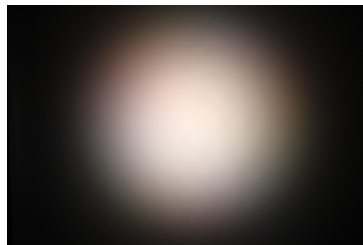
LUMILEDS

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



LUMILEDS

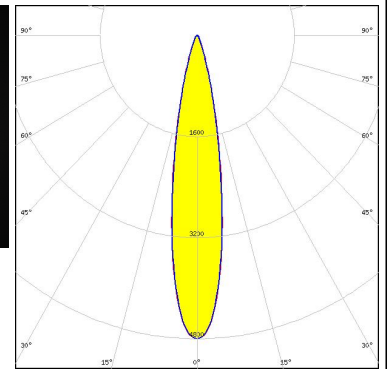
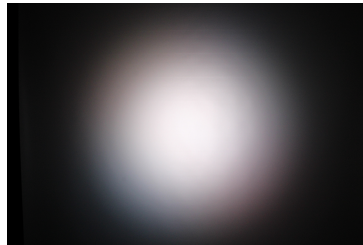
LED LUXEON Fusion 12-up (20x24)
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 83 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 12
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



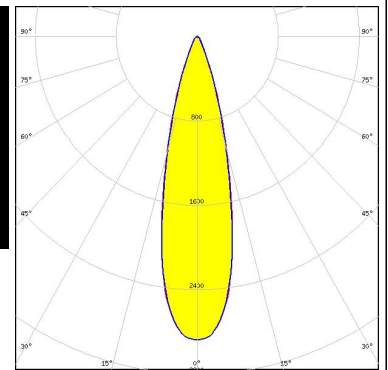
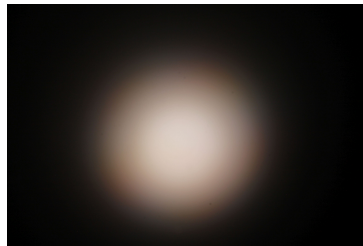
OPTICAL RESULTS (MEASURED):



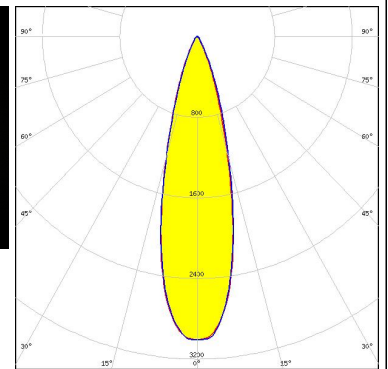
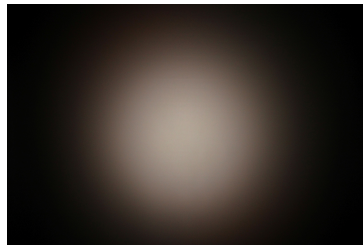
LED LUXEON Fusion 21-up (20x24)
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 81 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 21
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



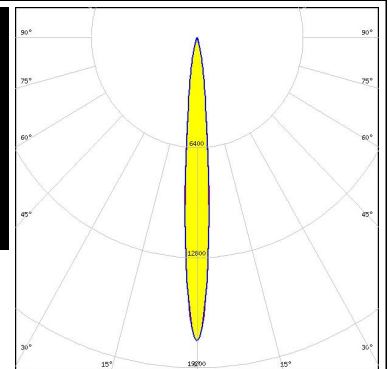
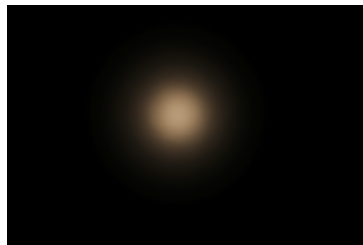
LED LUXEON Fusion 27-up (20x24)
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 27
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



LED CTM-14 (Tunable White) Gen2
 FWHM / FWTM 27.0° / 50.0°
 Efficiency 86 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



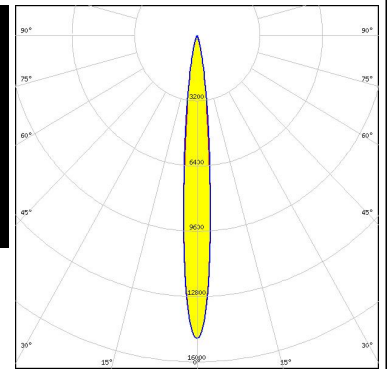
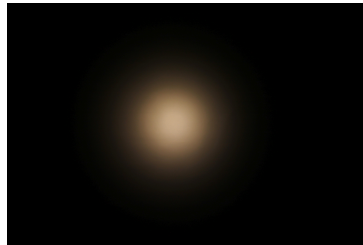
LED CXM-3
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 91 %
 Peak intensity 17.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



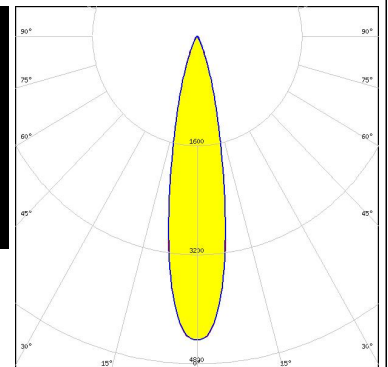
OPTICAL RESULTS (MEASURED):



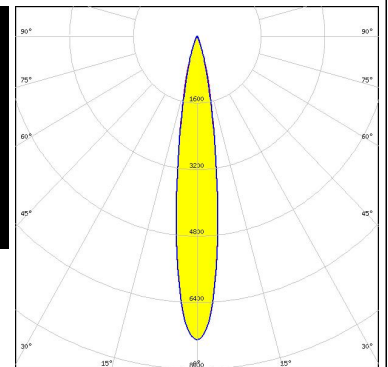
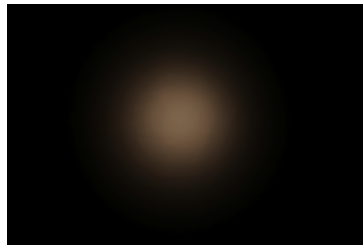
LED CXM-4
FWHM / FWTM 10.0° / 24.0°
Efficiency 91 %
Peak intensity 14.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



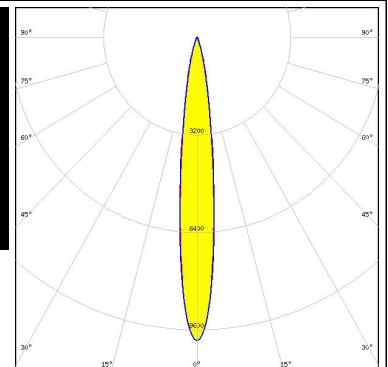
LED COB L-Type (LES 11)
FWHM / FWTM 22.0° / 43.0°
Efficiency 88 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



LED COB L-Type (LES 9)
FWHM / FWTM 16.0° / 34.0°
Efficiency 89 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



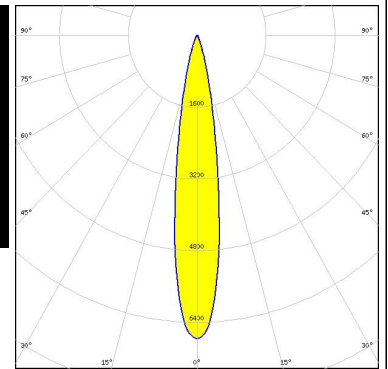
LED COB S-Type (LES 7)
FWHM / FWTM 13.0° / 29.0°
Efficiency 91 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



OPTICAL RESULTS (MEASURED):

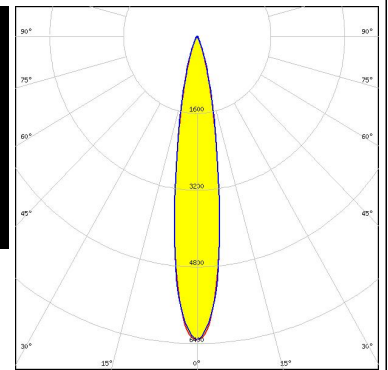
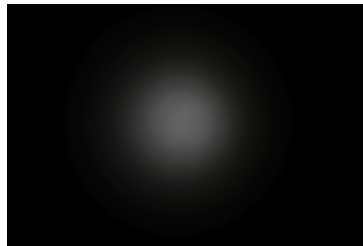
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 89 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



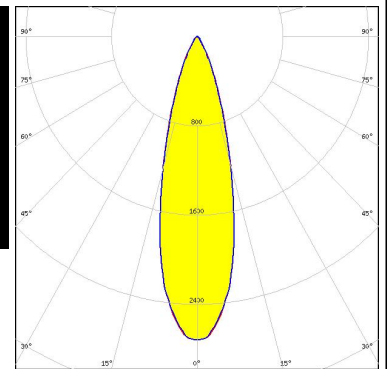
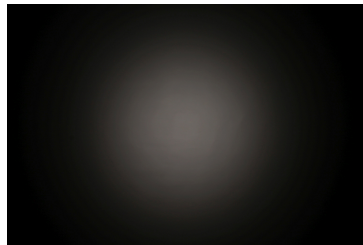
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 17.0° / 36.0°
 Efficiency 89 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



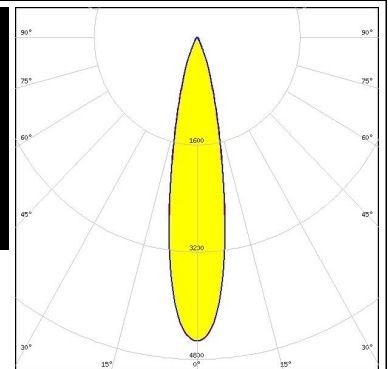
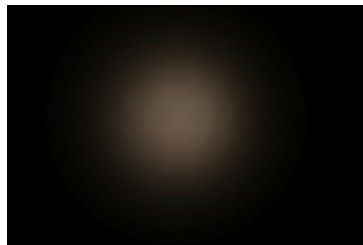
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 28.0° / 55.0°
 Efficiency 86 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 21.0° / 42.0°
 Efficiency 88 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



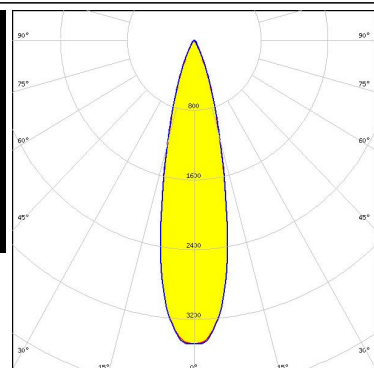
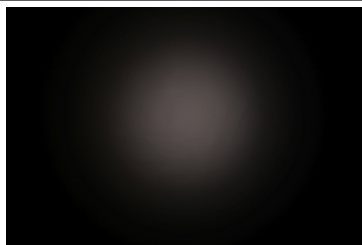
OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 14.5</p> <p>FWHM / FWTM 28.0° / 53.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 6</p> <p>FWHM / FWTM 12.0° / 27.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 11.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 18.0° / 37.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		
<p>TRIDONIC</p> <p>LED SLE G7 LES09</p> <p>FWHM / FWTM 16.0° / 34.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15848_HEKLA-SOCKET-G</p>		

OPTICAL RESULTS (MEASURED):

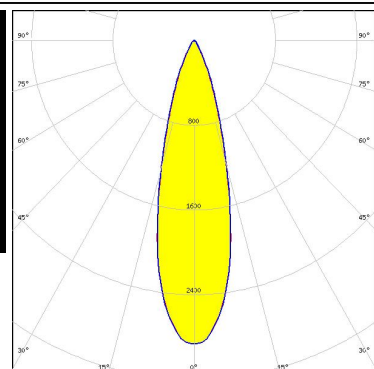
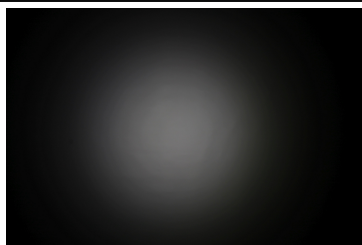
TRIDONIC

LED SLE G7 LES13
FWHM / FWTM 25.0° / 48.0°
Efficiency 87 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



TRIDONIC

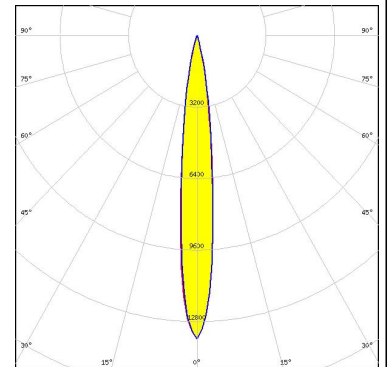
LED SLE G7 LES15
FWHM / FWTM 27.0° / 53.0°
Efficiency 86 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



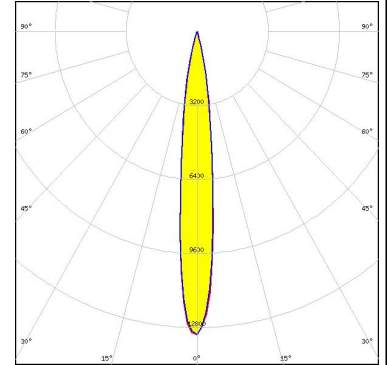
OPTICAL RESULTS (SIMULATED):



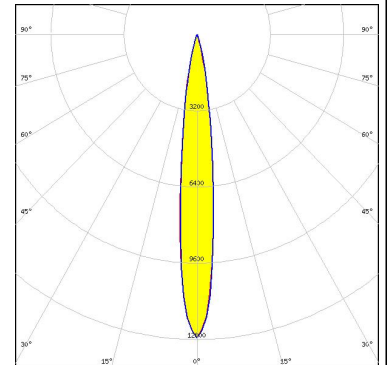
LED V3 HD Gen 8
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



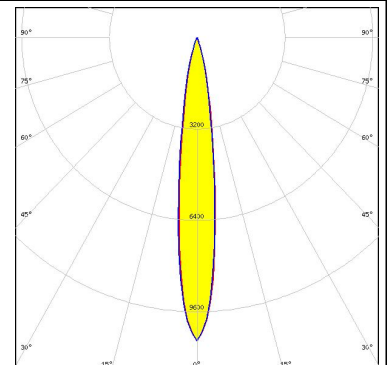
LED V3 HD Gen 8 FC
FWHM / FWTM 12.0° / 27.0°
Efficiency 94 %
Peak intensity 13.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



LED V4 HD Gen 8
FWHM / FWTM 13.0 + 12.0° / 28.0°
Efficiency 94 %
Peak intensity 12.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



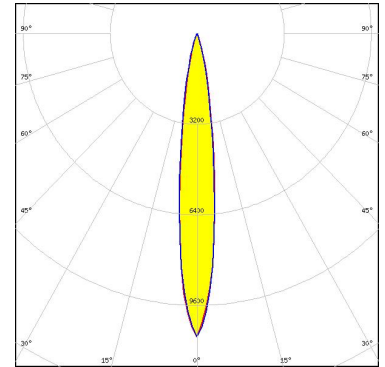
LED V6 Gen 8
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 10.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



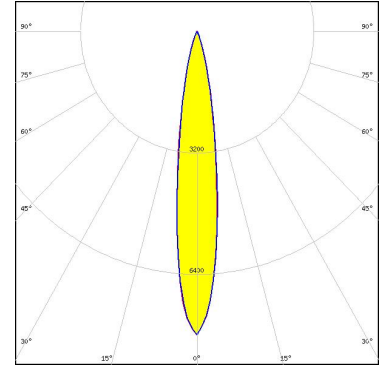
OPTICAL RESULTS (SIMULATED):



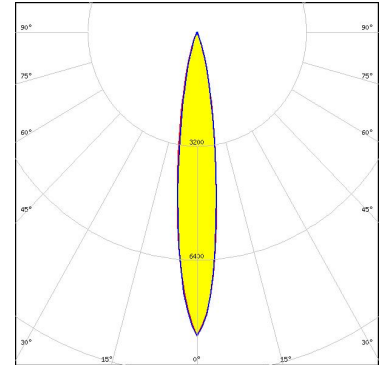
LED V6 HD Gen 8
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



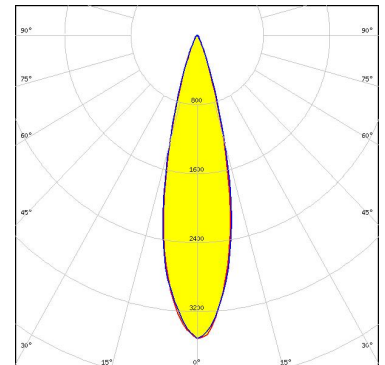
LED V8 Gen7
FWHM / FWTM 16.0° / 34.0°
Efficiency 89 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



LED V9 HD Gen 8
FWHM / FWTM 16.0° / 34.0 + 33.0°
Efficiency 92 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



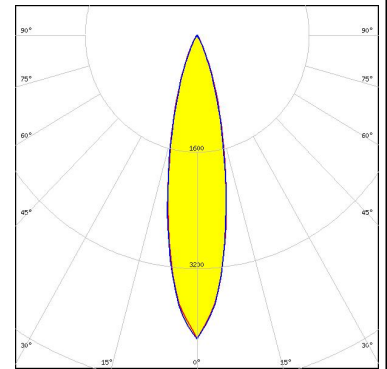
LED Vero SE 13
FWHM / FWTM 26.0° / 44.0°
Efficiency 81 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



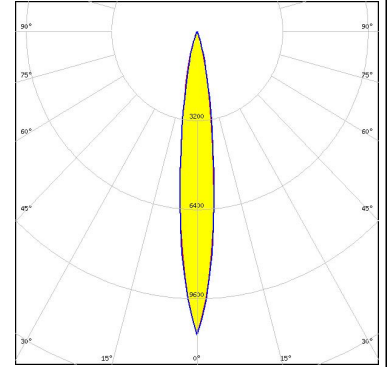
OPTICAL RESULTS (SIMULATED):



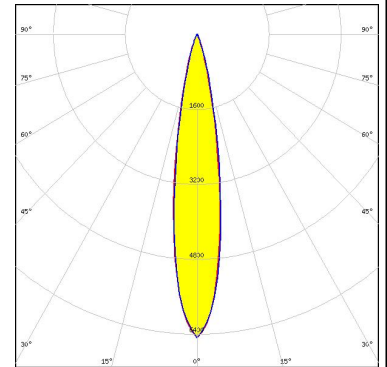
LED VERO13
FWHM / FWTM 23.0° / 48.0 + 46.0°
Efficiency 91 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



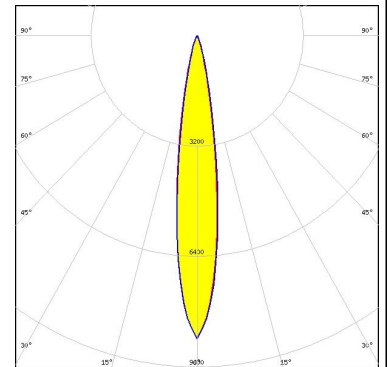
LED Vesta DTW 6mm
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 652b Hekla



LED Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM 18.0° / 35.0°
Efficiency 85 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F18158_HEKLA-RZ-LENS
Bender Wirth: 652b Hekla



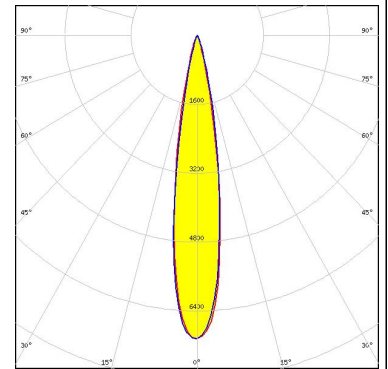
LED Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM 16.0° / 31.0°
Efficiency 90 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 652b Hekla



OPTICAL RESULTS (SIMULATED):

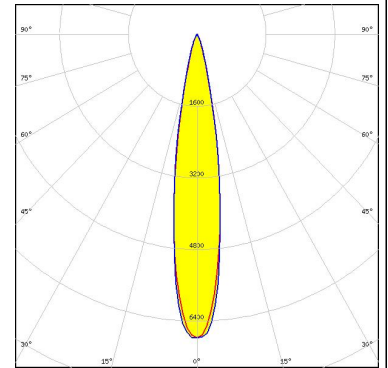


LED Vesta TW 9mm (12W) CSP
FWHM / FWTM 18.1° / 32.2 + 31.2°
Efficiency 81 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



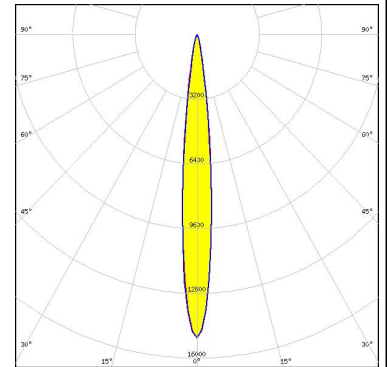
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 18.1° / 33.2 + 34.2°
Efficiency 87 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



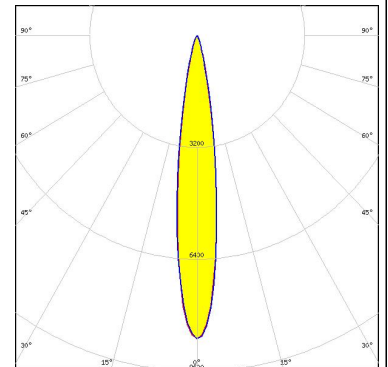
CITIZEN

LED CLU700/701/702/703
FWHM / FWTM 11.3° / 22.1°
Efficiency 91 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



CITIZEN

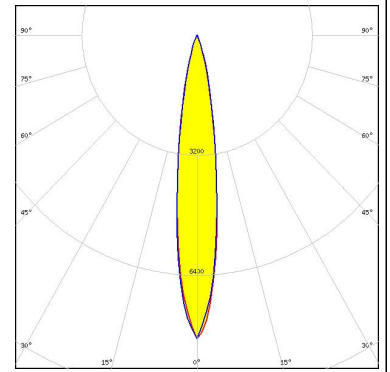
LED CLU710/711
FWHM / FWTM 16.1° / 30.2°
Efficiency 89 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

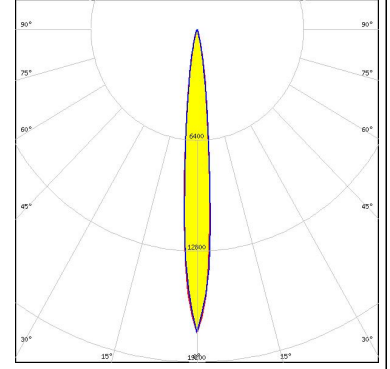
CITIZEN

LED CLU712/713
FWHM / FWTM 16.0° / 34.0°
Efficiency 90 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



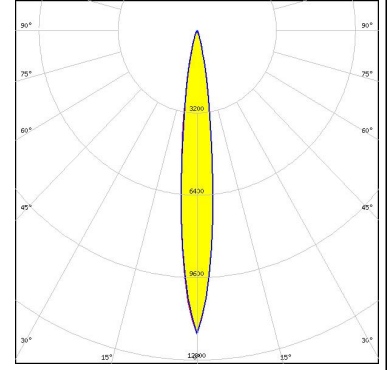
CREE LED

LED CHA0304
FWHM / FWTM 10.0° / 22.0°
Efficiency 91 %
Peak intensity 17.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



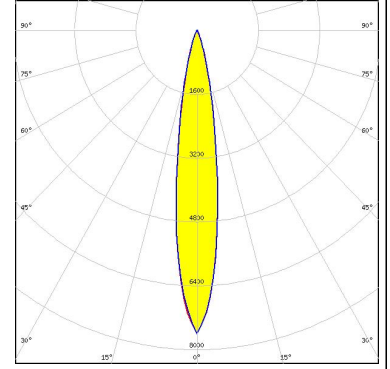
CREE LED

LED CHA0612
FWHM / FWTM 12.0° / 28.0°
Efficiency 91 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



CREE LED

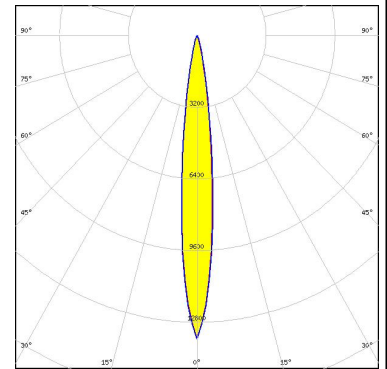
LED CHA0825
FWHM / FWTM 16.0° / 34.0°
Efficiency 90 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



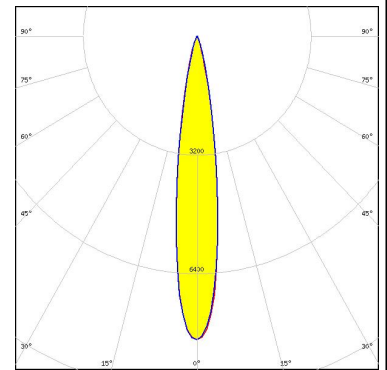
OPTICAL RESULTS (SIMULATED):



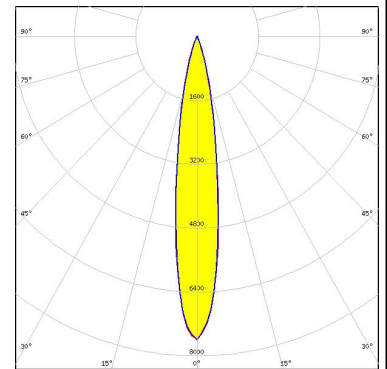
LED CMA1306
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15956_HEKLA-SOCKET-J



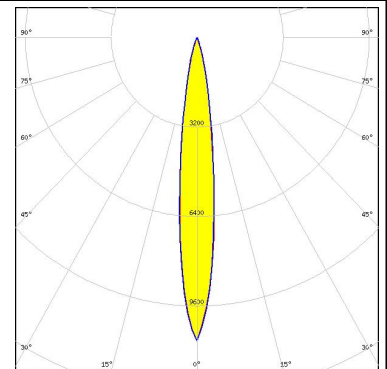
LED LUXEON CoB 1202/1203
FWHM / FWTM 16.1° / 30.2°
Efficiency 88 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



LED LUXEON CoB 1202/1203
FWHM / FWTM 16.0° / 34.0°
Efficiency 92 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



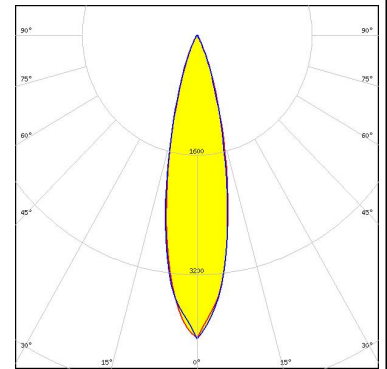
LED LUXEON CoB 1202HD
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15848_HEKLA-SOCKET-G



OPTICAL RESULTS (SIMULATED):

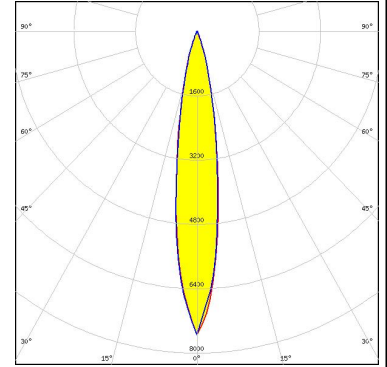
LUMILEDS

LED LUXEON CoB 1204/1205
 FWHM / FWTM 24.0° / 45.0 + 46.0°
 Efficiency 90 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



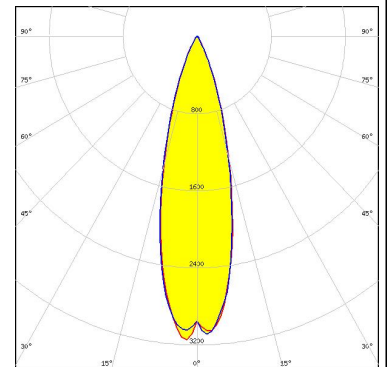
LUMILEDS

LED LUXEON CoB 1204HD
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 92 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



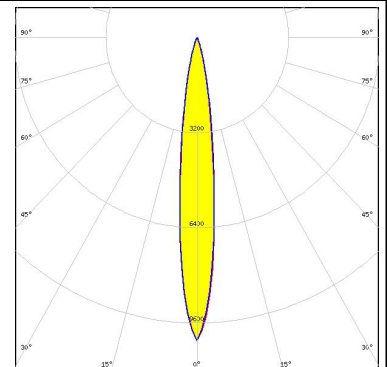
LUMILEDS

LED LUXEON CoB 1208
 FWHM / FWTM 28.0° / 50.0 + 51.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



NICHIA

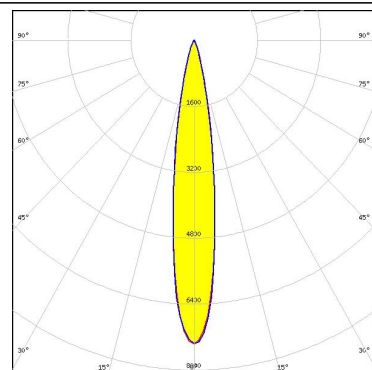
LED COB S-Type (LES 7)
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 89 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652a Hekla



OPTICAL RESULTS (SIMULATED):

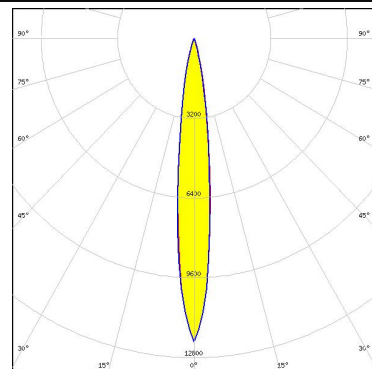
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 16.1° / 32.2°
 Efficiency 87 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



TRIDONIC

LED SLE SNC8 LES06
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



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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