

WINNIE-S-C

~20° spot beam with holder C compatible with LEDiL HEKLA

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	19.5 mm
Fastening	socket
ROHS compliant	yes ⓘ

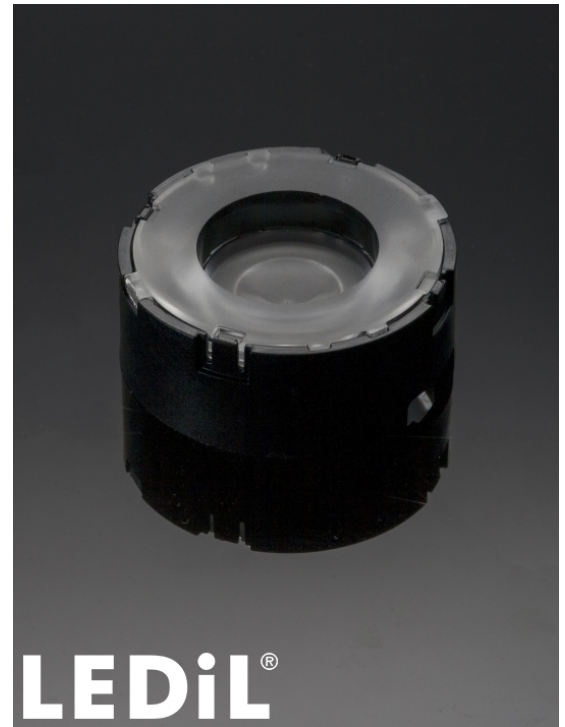
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C14232_WINNIE-S	Single lens	PMMA	clear	
C15821_WINNIE-HLD-C	Holder	PC	black	

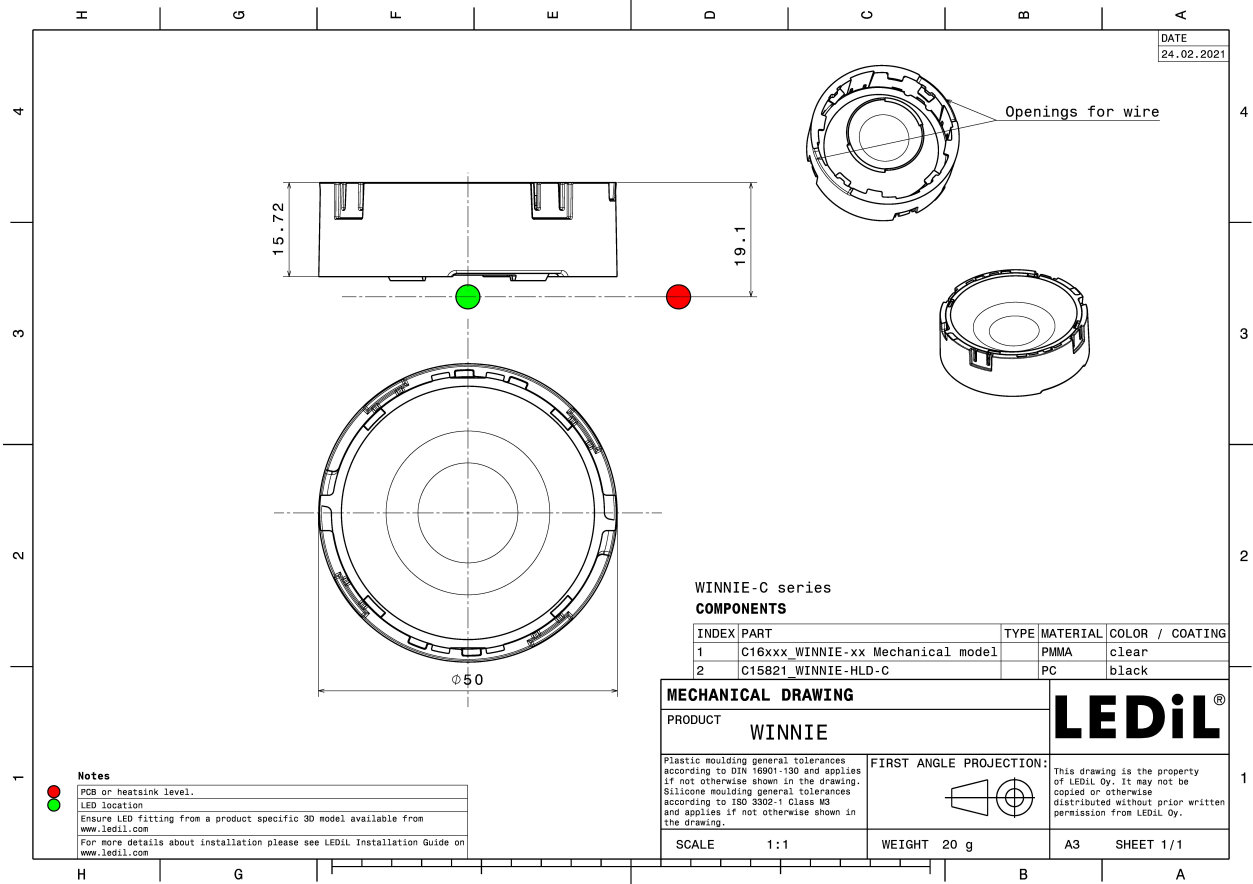
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



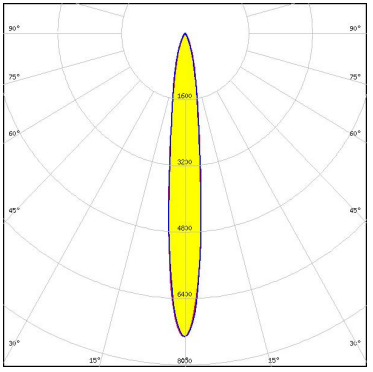


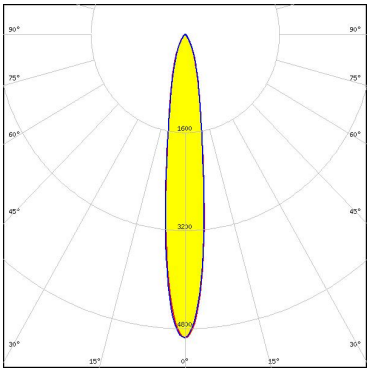


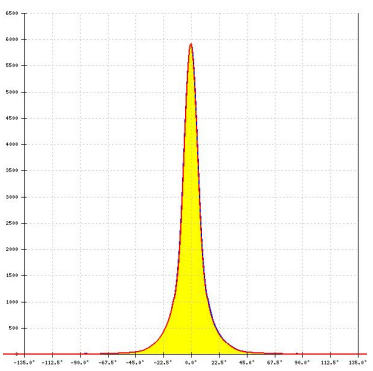


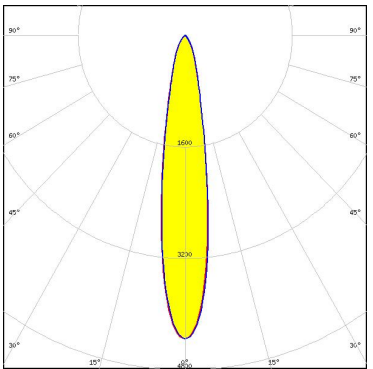


Component		Qty in box	MOQ	MPQ	Box weight (kg)
C14232_WINNIE-S	Single lens	364	84	28	7.0
» Box size: 480 x 280 x 300 mm					
C15821_WINNIE-HLD-C	Holder	420		28	4.1
» Box size: 400 x 300 x 300 mm					


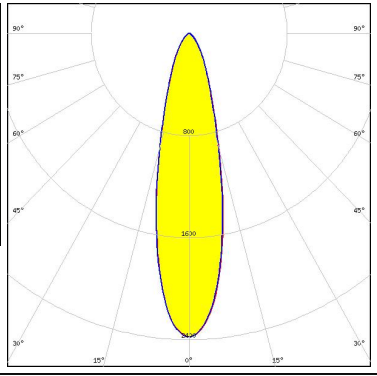

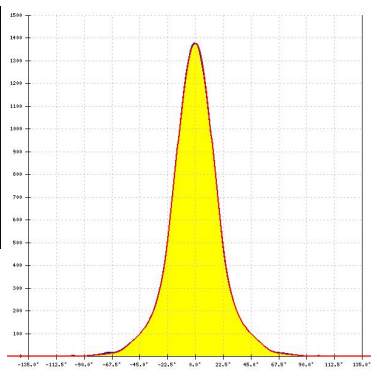

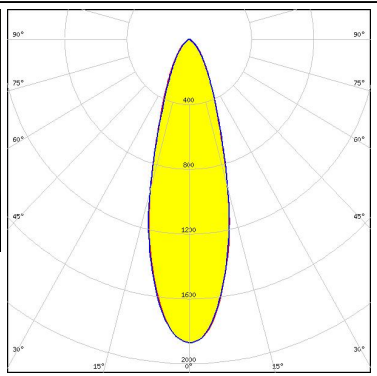

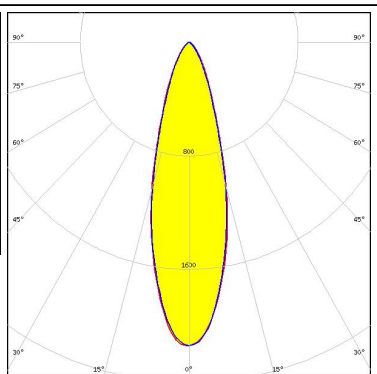


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V4 HD Gen 7 FWHM / FWTM 13.0° / 34.0° Efficiency 87 % Peak intensity 7.3 cd/m LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 Gen6 FWHM / FWTM 15.0° / 42.0° Efficiency 84 % Peak intensity 5 cd/m LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 HD Gen 7 FWHM / FWTM 15.0° / 37.0° Efficiency 87 % Peak intensity 5.9 cd/m LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V9 HD Gen7 FWHM / FWTM 18.0° / 43.0° Efficiency 86 % Peak intensity 4.4 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM / FWTM 26.0° / 59.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM / FWTM 37.0° / 79.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM 31.0° / 66.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 13mm (25W) CSP</p> <p>FWHM / FWTM 29.0° / 62.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8</p>		

PHOTOMETRIC DATA (MEASURED):

bridgelux.

LED	Vesta TW 6mm DP
FWHM / FWTM	16.0° / 40.0°
Efficiency	82 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 504 Typ L8



bridgelux.

LED	Vesta TW 9mm (12W) CSP
FWHM / FWTM	23.0° / 50.0°
Efficiency	84 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White


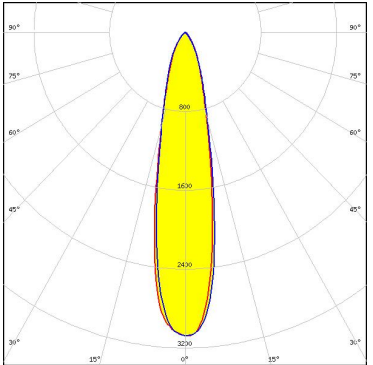
Required components:
C16142_HEKLA-SOCKET-K




CITIZEN

LED	CLC020 Series (Dim-To-Warm)
FWHM / FWTM	22.0° / 53.0°
Efficiency	83 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C16142_HEKLA-SOCKET-K

CITIZEN

LED	CLC030 Series (Dim-To-Warm)
FWHM / FWTM	29.0° / 67.0°
Efficiency	80 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

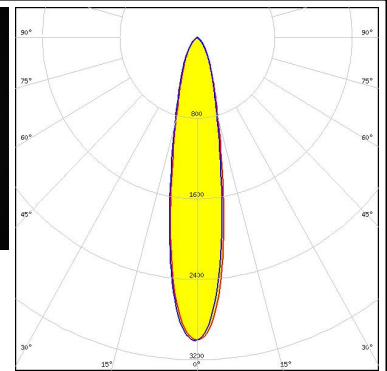
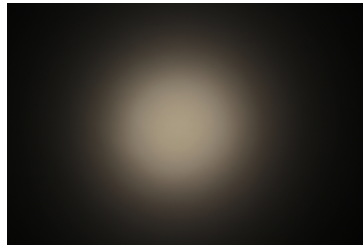
Required components:
C16142_HEKLA-SOCKET-K




PHOTOMETRIC DATA (MEASURED):

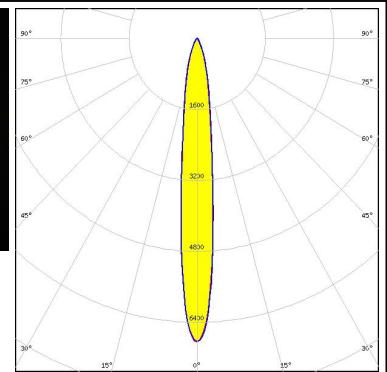
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 20.0° / 53.0°
 Efficiency 81 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



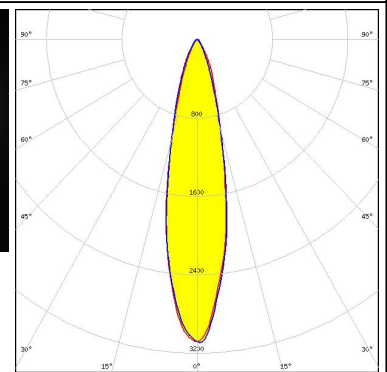
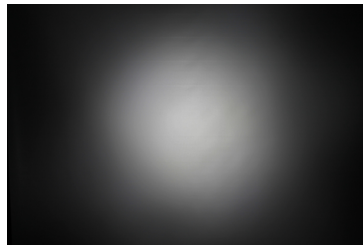
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 13.0° / 36.0°
 Efficiency 85 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



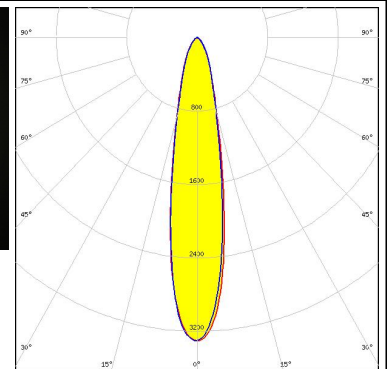
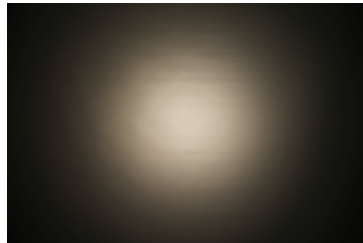
CITIZEN

LED LCN-C01B (Tunable White)
 FWHM / FWTM 23.0° / 50.0°
 Efficiency 83 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 481 Typ L8



CREE LED

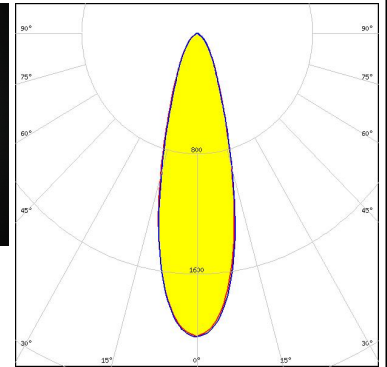
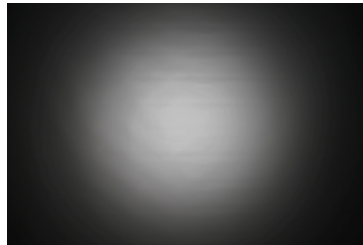
LED CMT14xx
 FWHM / FWTM 20.0° / 50.0°
 Efficiency 85 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



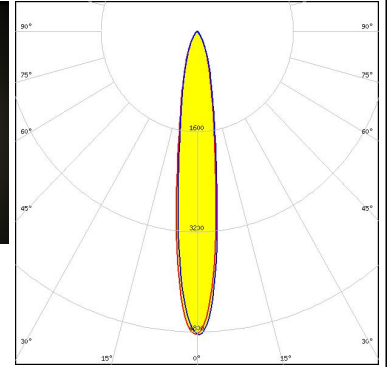
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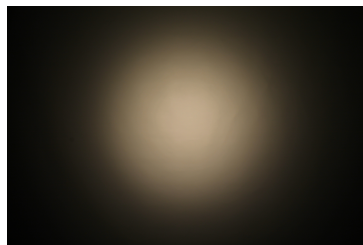
LED CMT19xx
 FWHM / FWTM 29.0° / 65.0°
 Efficiency 83 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



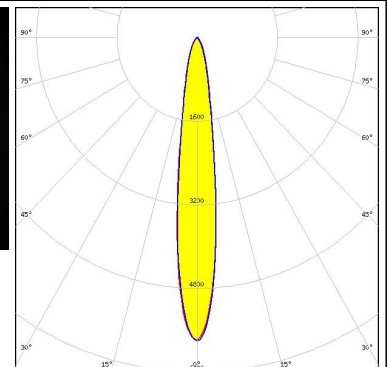
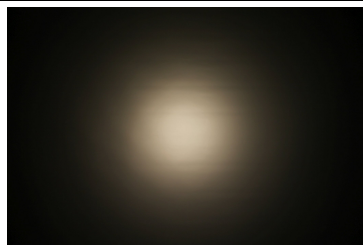
LED CXA/B 13xx
 FWHM / FWTM 15.0° / 43.0°
 Efficiency 85 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15956_HEKLA-SOCKET-J




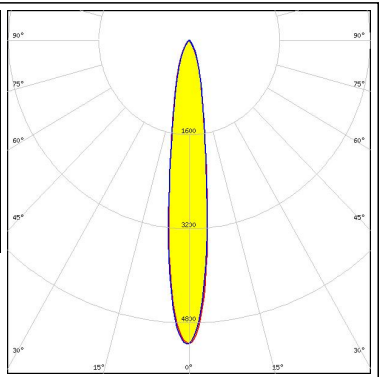

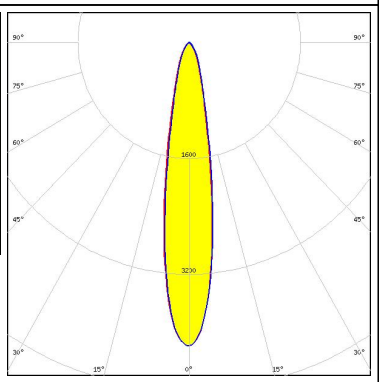
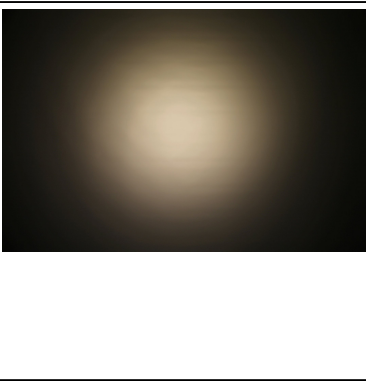
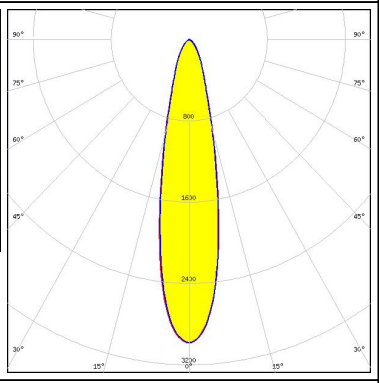

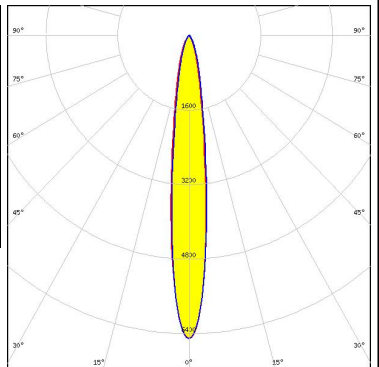
LED LUXEON CX Plus CoB L08 (Gen2)
 FWHM / FWTM 29.0° / 64.0°
 Efficiency 84 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 637a Hekla




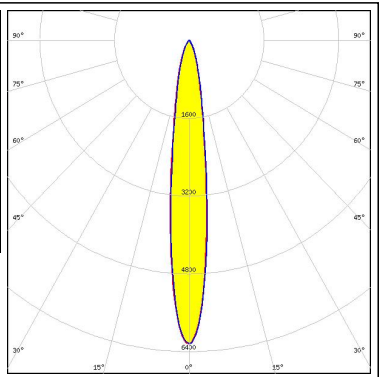

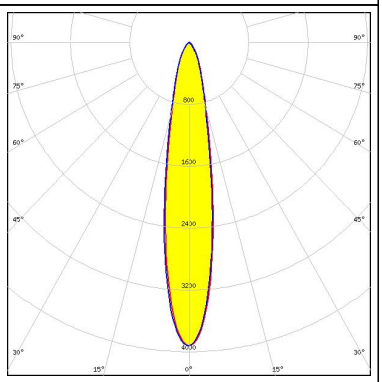

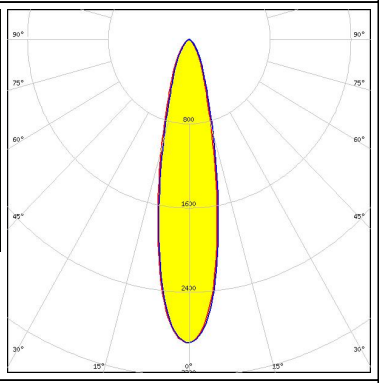

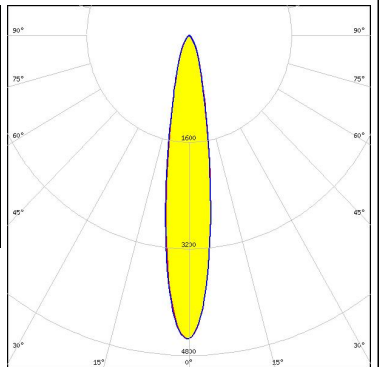
LED LUXEON CoB 1202HD
 FWHM / FWTM 15.0° / 37.5 + 37.0°
 Efficiency 87 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G




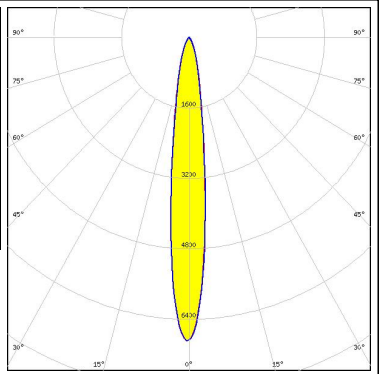

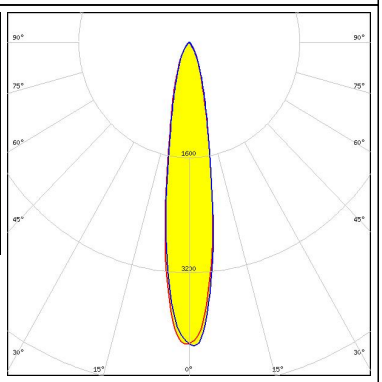

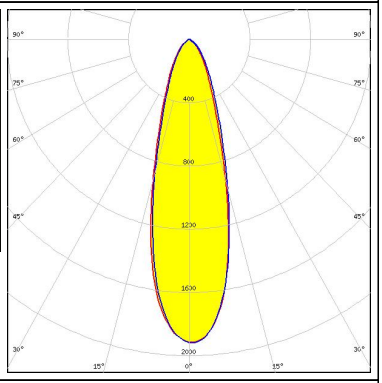

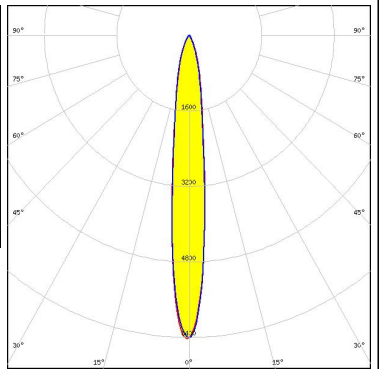
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<p>LUMILEDS</p> <p>LED LUXEON CoB 1202s</p> <p>FWHM / FWTM 15.0° / 41.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 5.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15848_HEKLA-SOCKET-G</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1204HD</p> <p>FWHM / FWTM 18.0° / 44.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 4.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15858_HEKLA-SOCKET-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1205HD</p> <p>FWHM / FWTM 22.0° / 52.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15858_HEKLA-SOCKET-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB - HD S01H4</p> <p>FWHM / FWTM 14.0° / 36.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		


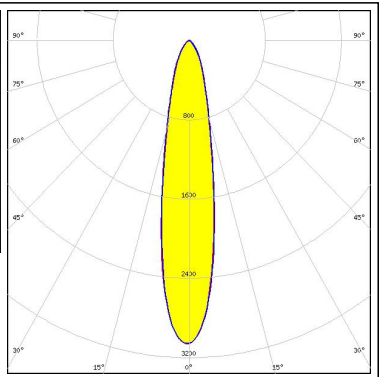

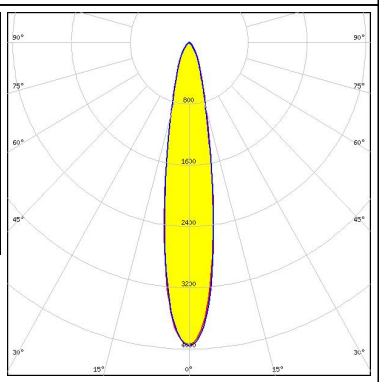

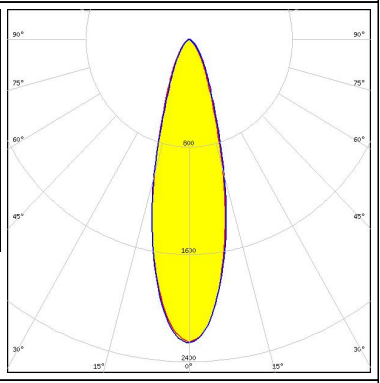

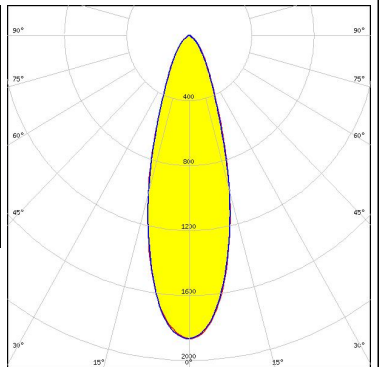
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6</p> <p>FWHM / FWTM 14.0° / 36.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB - HD S04H9</p> <p>FWHM / FWTM 19.0° / 46.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB L04 / L05 (Gen2)</p> <p>FWHM / FWTM 23.0° / 55.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 637a Hekla</p>		
<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB M02 / M03 (Gen2)</p> <p>FWHM / FWTM 18.0° / 43.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 4.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 641a Hekla</p>		

PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CX Plus CoB S01 (Gen2)</p> <p>FWHM / FWTM 14.0° / 35.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p>LUMILEDS</p> <p>LED LUXEON Fusion 12-up (20x24)</p> <p>FWHM / FWTM 18.0° / 45.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 4.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 442 Typ L8</p>		
<p>LUMINUS</p> <p>LED CxM-14 (19x19)</p> <p>FWHM / FWTM 29.0° / 67.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		
<p>LUMINUS</p> <p>LED CXM-4</p> <p>FWHM / FWTM 13.0° / 37.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 6.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		

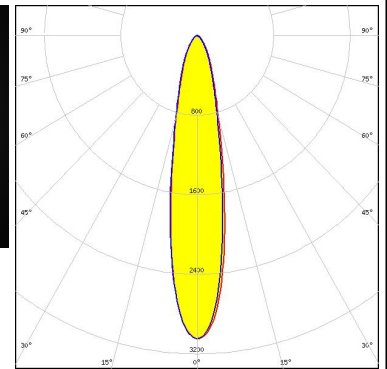
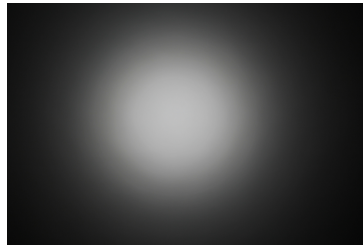
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CxM-9 (13.5x13.5) FWHM / FWTM 20.0° / 53.0° Efficiency 83 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p>PHILIPS</p> <p>LED Fortimo SLM L09 CoB FWHM / FWTM 19.0° / 46.0° Efficiency 87 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components: F15858_HEKLA-SOCKET-H</p>		
<p>PHILIPS</p> <p>LED Fortimo SLM L13 CoB FWHM / FWTM 28.0° / 61.0° Efficiency 84 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 432 Typ L8</p>		
<p>PHILIPS</p> <p>LED Fortimo SLM L15 CoB FWHM / FWTM 32.0° / 67.0° Efficiency 83 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 432 Typ L8</p>		

PHOTOMETRIC DATA (MEASURED):

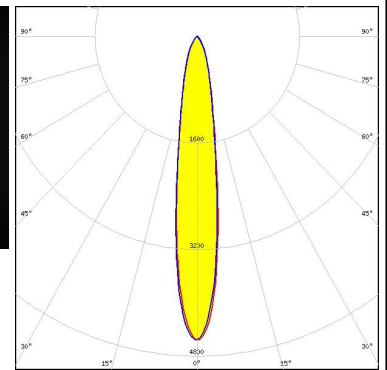
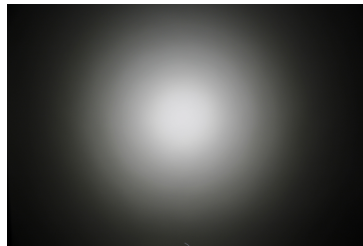
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 21.0° / 53.0°
 Efficiency 83 %
 Peak intensity 3.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



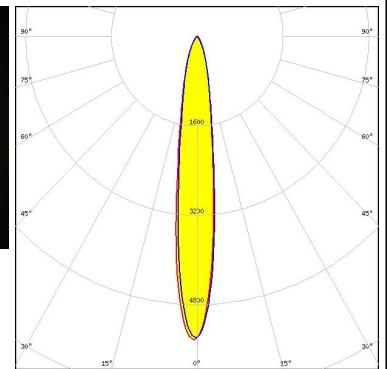
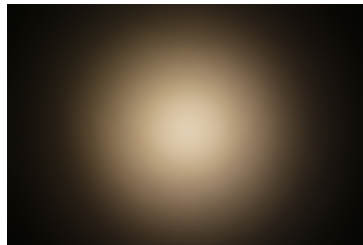
SAMSUNG

LED LC010C
 FWHM / FWTM 16.0° / 43.0°
 Efficiency 84 %
 Peak intensity 4.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



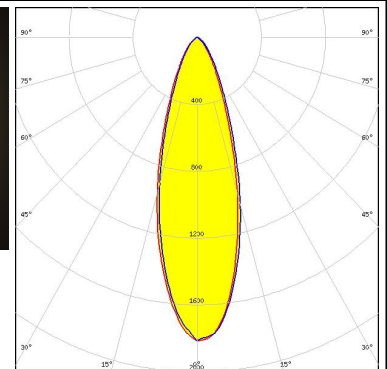
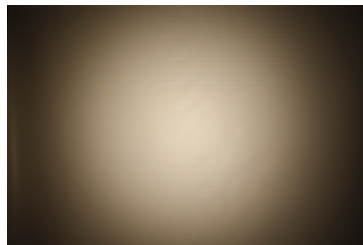
SAMSUNG

LED LC010C G2
 FWHM / FWTM 14.0° / 39.0°
 Efficiency 84 %
 Peak intensity 5.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



SAMSUNG

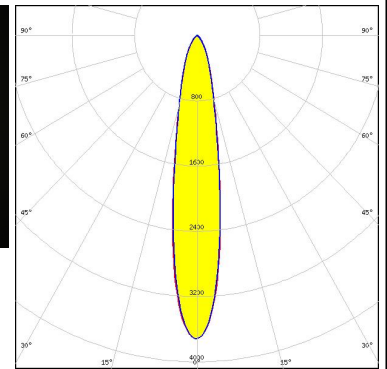
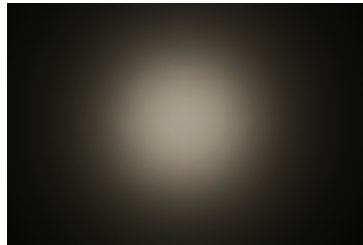
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 32.0° / 67.0°
 Efficiency 81 %
 Peak intensity 1.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (MEASURED):

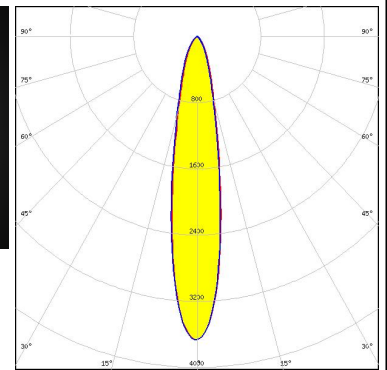
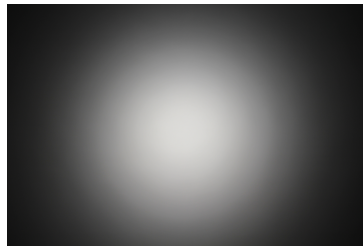
SAMSUNG

LED LC020C
 FWHM / FWTM 18.0° / 48.0°
 Efficiency 84 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



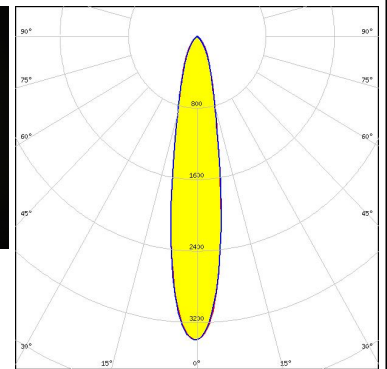
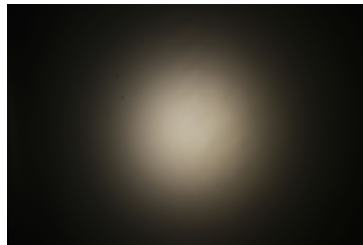
SAMSUNG

LED LC020C G2
 FWHM / FWTM 19.0° / 48.0°
 Efficiency 84 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



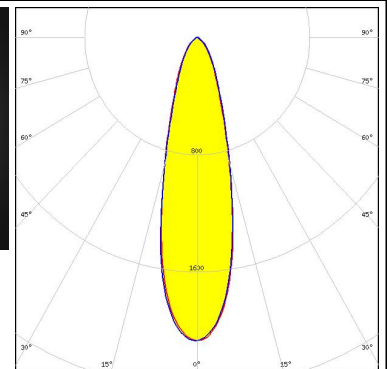
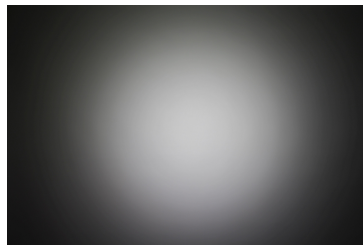
TRIDONIC

LED SLE G7 LES09
 FWHM / FWTM 19.0° / 50.0°
 Efficiency 83 %
 Peak intensity 3.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



TRIDONIC

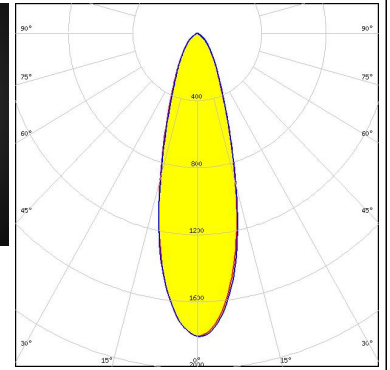
LED SLE G7 LES13
 FWHM / FWTM 27.0° / 64.0°
 Efficiency 81 %
 Peak intensity 2.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (MEASURED):

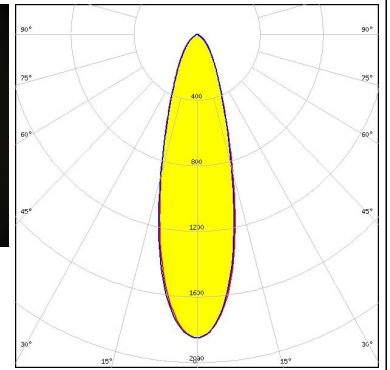
TRIDONIC

LED SLE G7 LES15
 FWHM / FWTM 30.0° / 68.0°
 Efficiency 81 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



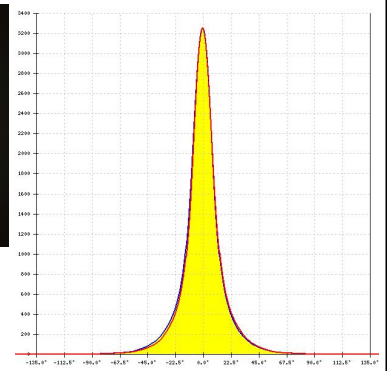
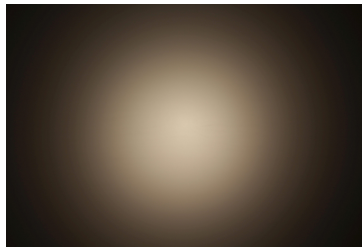
XICATO

LED XOB 14.5 mm
 FWHM / FWTM 29.0° / 68.0°
 Efficiency 80 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



XICATO

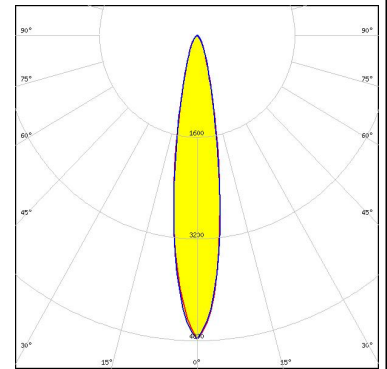
LED XOB 9.8 mm
 FWHM / FWTM 20.0° / 52.0°
 Efficiency 83 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (SIMULATED):

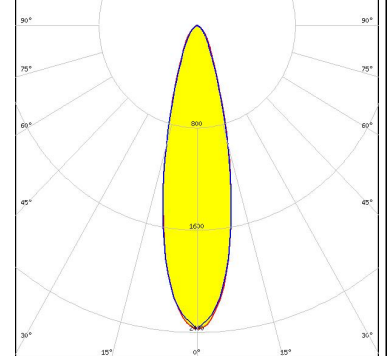


LED VERO10
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 86 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15616_HEKLA-SOCKET-F

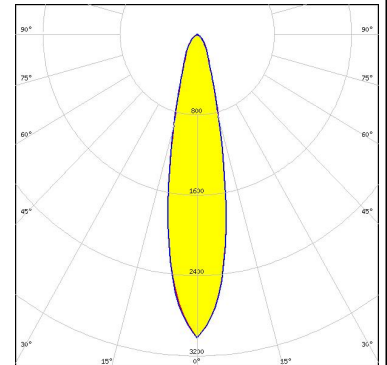


CITIZEN

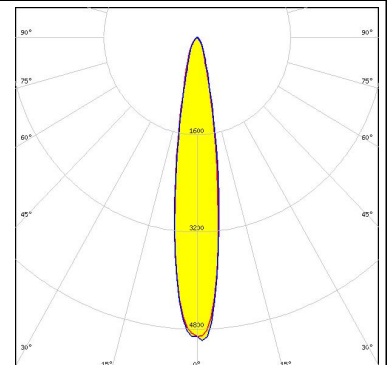
LED CLL03x/CLU03x
 FWHM / FWTM 26.0° / 57.0°
 Efficiency 79 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



LED CMA1825
 FWHM / FWTM 22.0° / 50.0°
 Efficiency 84 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



LED CXA/B 15xx
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 84 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NFSWE11A FWHM / FWTM 18.0° / 38.0° Efficiency 77 % Peak intensity 5 cd/lm LEDs/each optic 30 Light colour White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 14.5 FWHM / FWTM 30.0° / 65.0° Efficiency 81 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM / FWTM 20.0° / 45.0° Efficiency 83 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>	