

YASMEEN-50-W

~36° wide beam

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	27.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

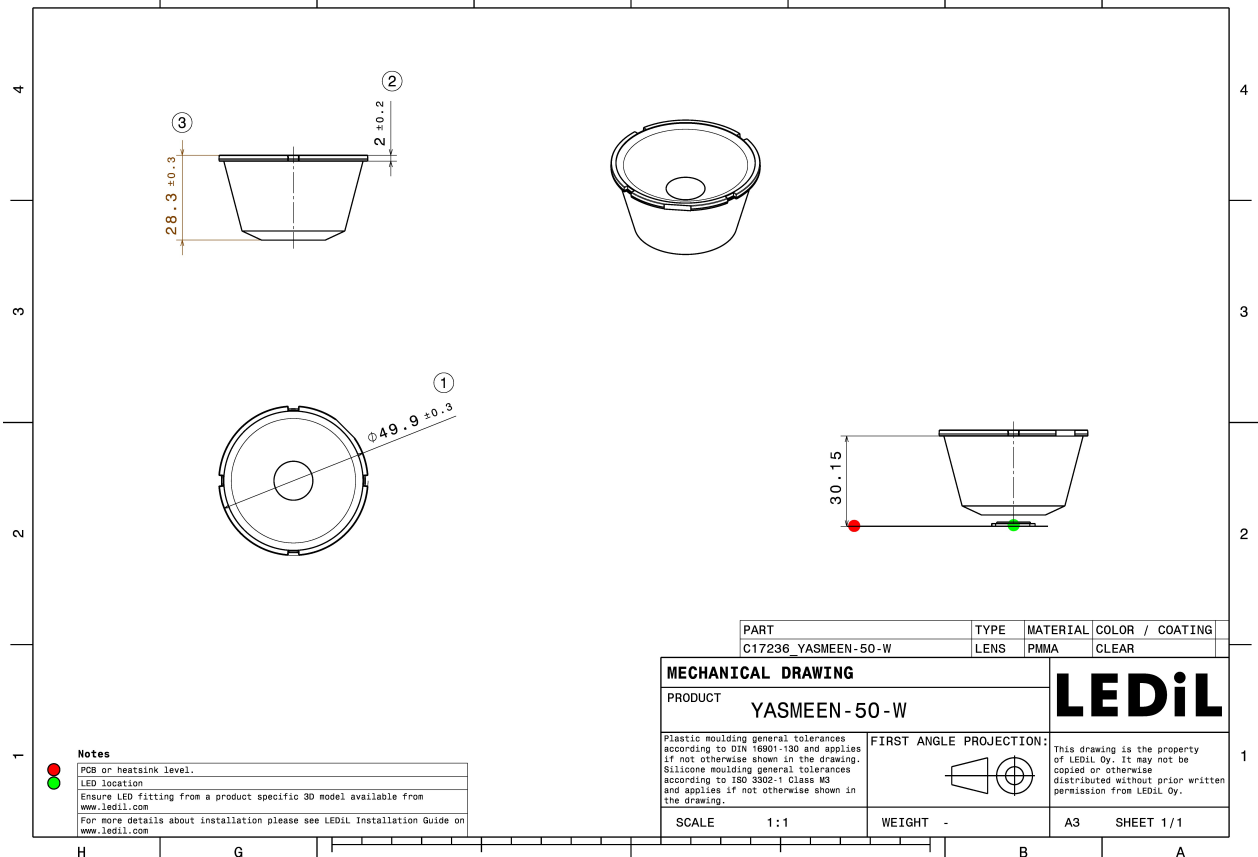
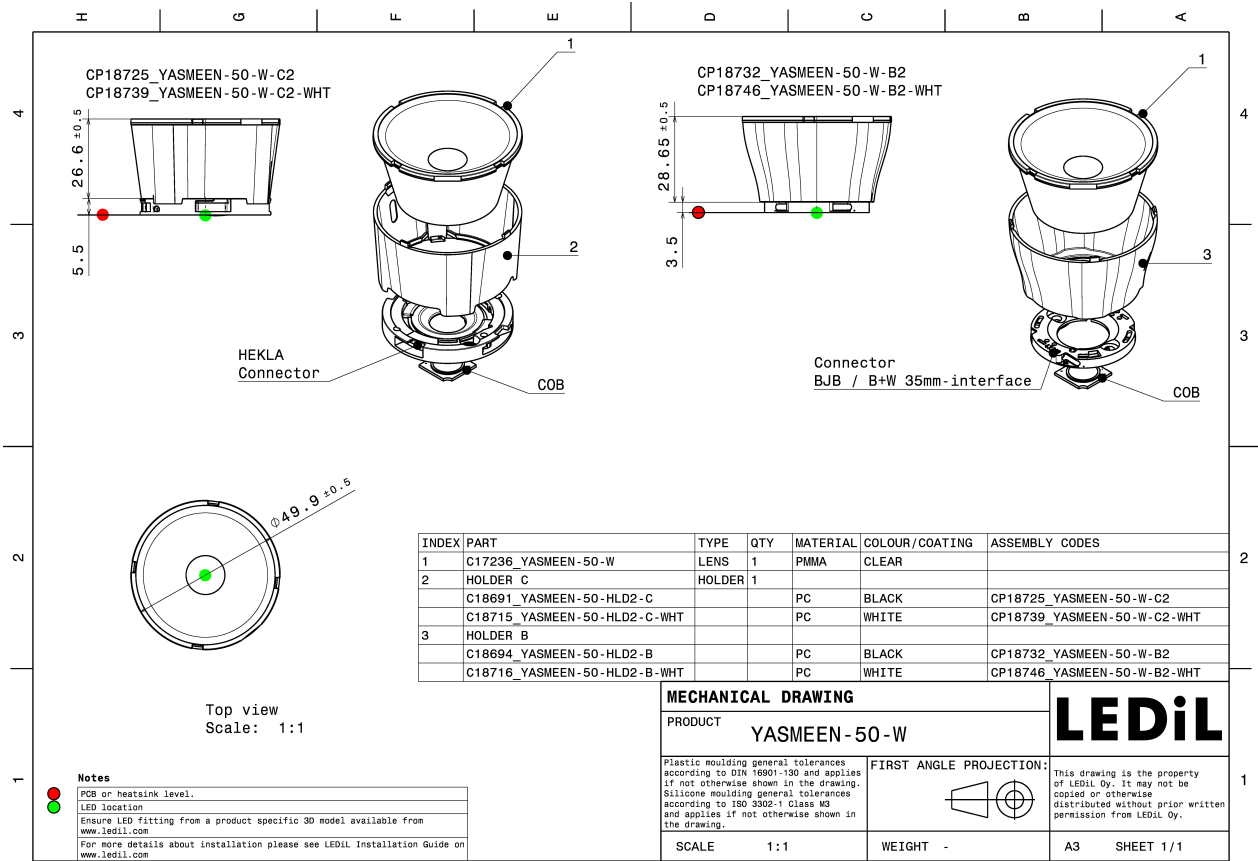
MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-50-W	Single lens	PMMA	clear	
YASMEEN-50-HLD2-C	Holder C	PC	black	
YASMEEN-50-HLD2-B	Holder B	PC	black	
YASMEEN-50-HLD2-C-WHT	Holder C	PC	white	
YASMEEN-50-HLD2-B-WHT	Holder B	PC	white	



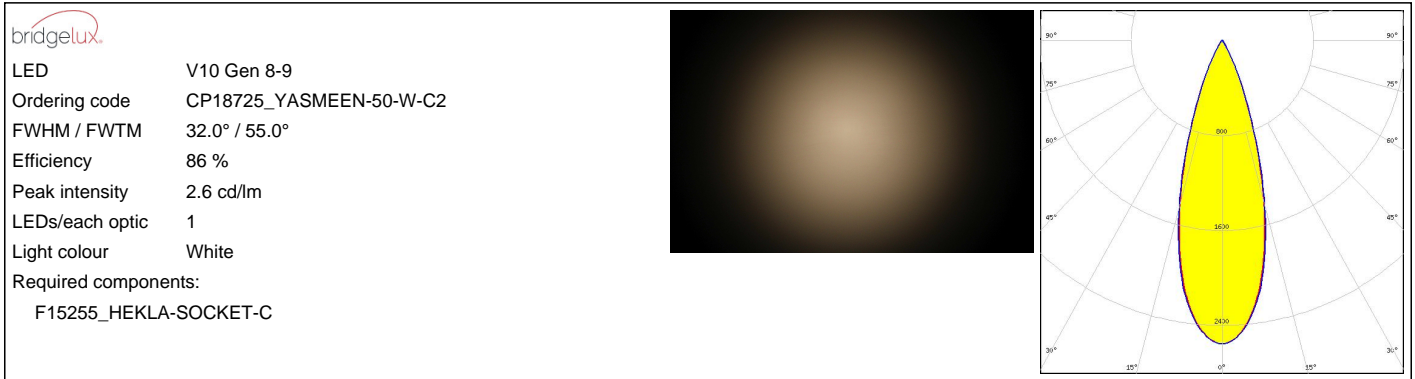
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17236_YASMEEN-50-W	252	112	28	7.2
Assembly				
CP18746_YASMEEN-50-W-B2-WHT	252	112	28	8.7
CP18739_YASMEEN-50-W-C2-WHT	252	112	28	8.5
CP18732_YASMEEN-50-W-B2	252	112	28	8.7
CP18725_YASMEEN-50-W-C2	252	112	28	8.4

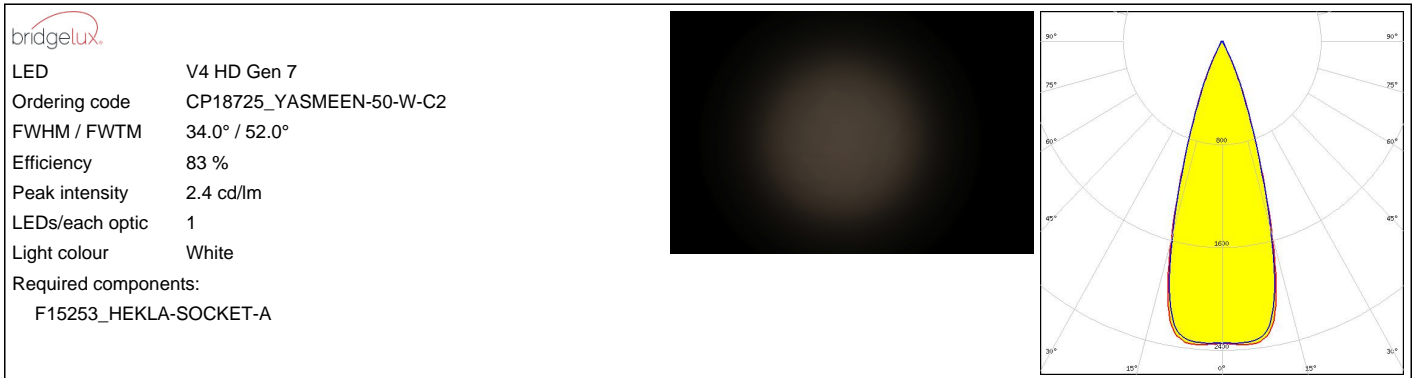
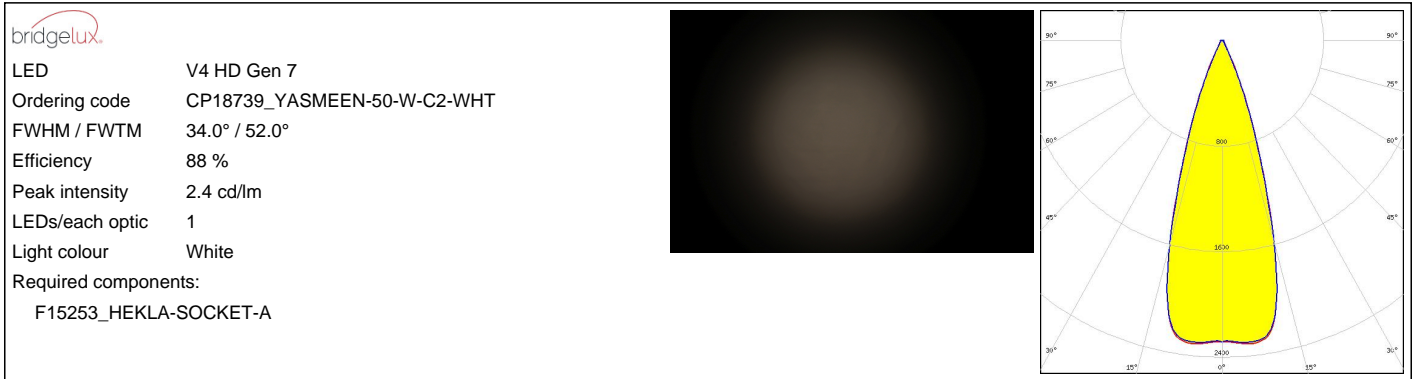


See also our general installation guide: www.ledil.com/installation_guide

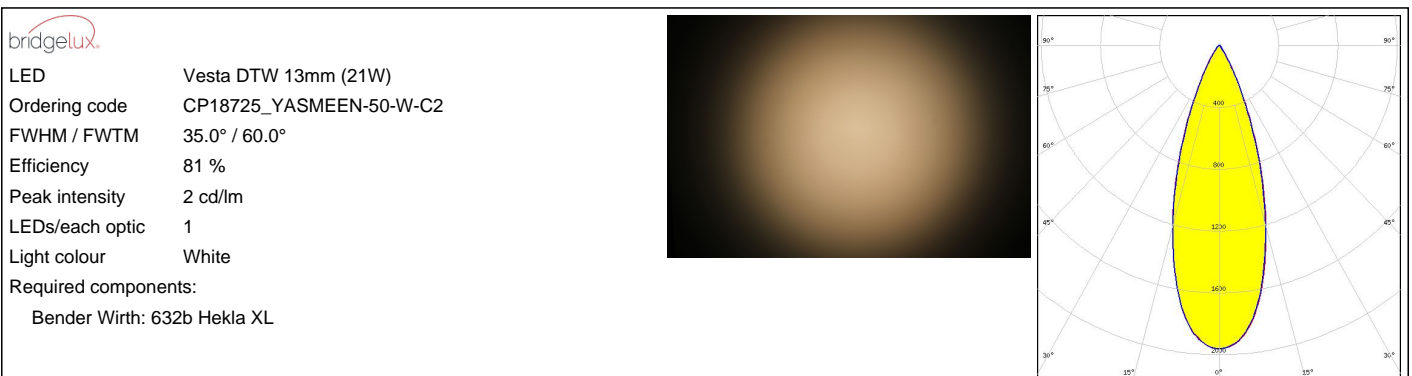
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



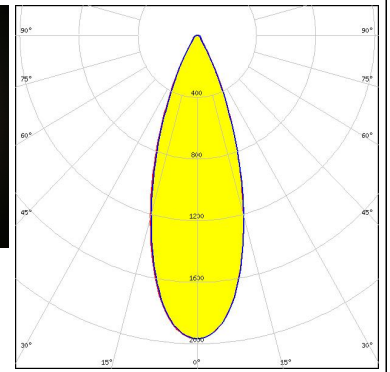
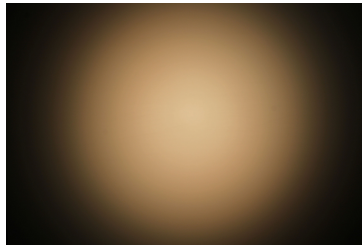
OPTICAL RESULTS (MEASURED):



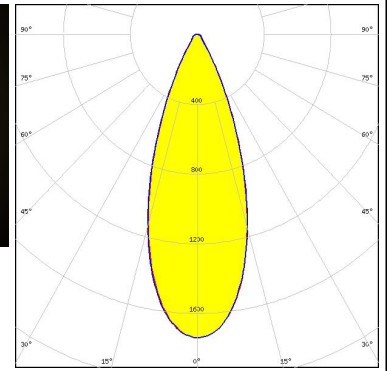
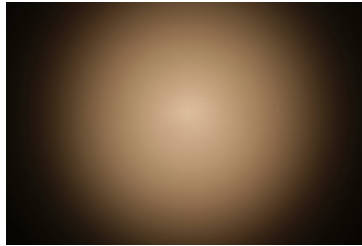
OPTICAL RESULTS (MEASURED):



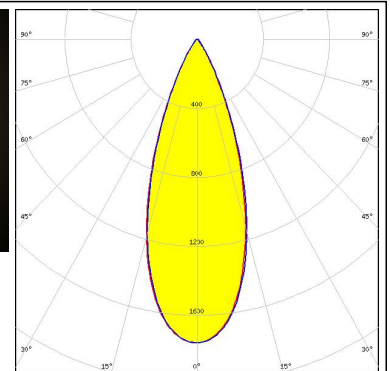
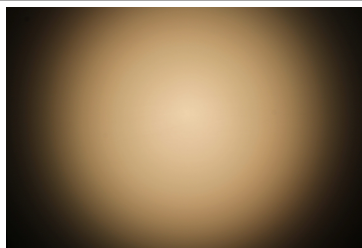
LED Vesta DTW 13mm (21W)
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 36.0° / 62.0°
Efficiency 90 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 632b Hekla XL



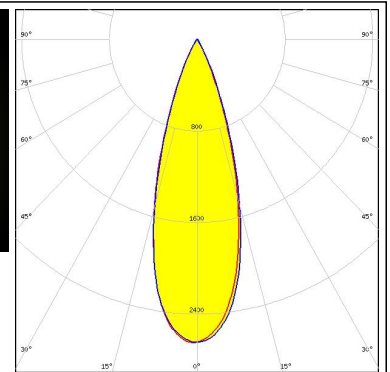
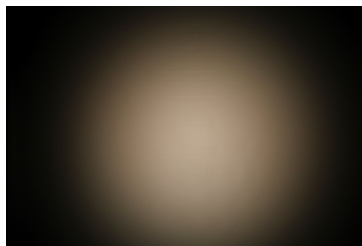
LED Vesta DTW 15mm (33W)
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 38.0° / 65.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 632b Hekla XL



LED Vesta DTW 15mm (33W)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 37.0° / 63.0°
Efficiency 80 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 632b Hekla XL



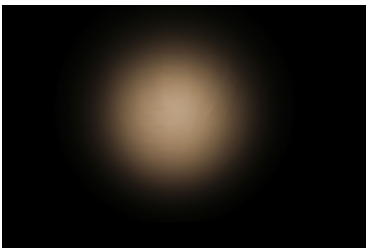
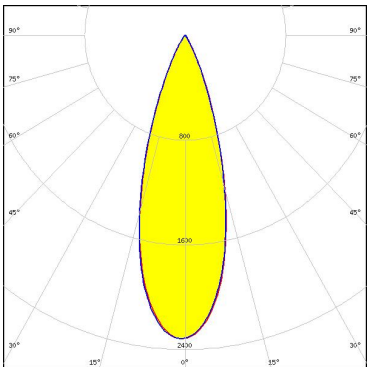
LED Vesta DTW 9mm (4W/6W/12W)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 54.0°
Efficiency 87 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652b Hekla



OPTICAL RESULTS (MEASURED):

			
LED	Vesta DTW 9mm (4W/6W/12W)		
Ordering code	CP18739_YASMEEN-50-W-C2-WHT		
FWHM / FWTM	32.0° / 55.0°		
Efficiency	93 %		
Peak intensity	2.6 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
Bender Wirth: 652b Hekla			

<h2>CITIZEN</h2>			
LED	CLL02x/CLU02x (LES10)		
Ordering code	CP18739_YASMEEN-50-W-C2-WHT		
FWHM / FWTM	33.0° / 56.0°		
Efficiency	86 %		
Peak intensity	2.3 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
F17435_HEKLA-G2-C			

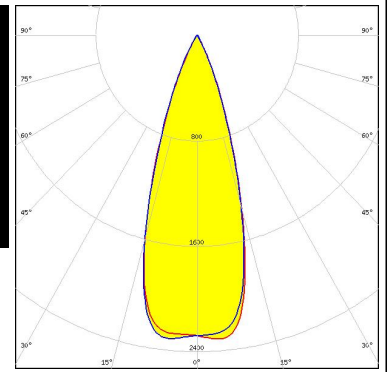
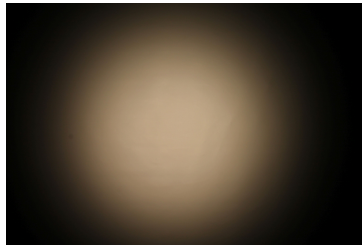
<h2>CITIZEN</h2>			
LED	CLL02x/CLU02x (LES10)		
Ordering code	CP18725_YASMEEN-50-W-C2		
FWHM / FWTM	32.0° / 55.0°		
Efficiency	80 %		
Peak intensity	2.5 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
F17435_HEKLA-G2-C			

<h2>CITIZEN</h2>			
LED	CLU700/701/702/703		
Ordering code	CP18739_YASMEEN-50-W-C2-WHT		
FWHM / FWTM	34.0° / 53.0°		
Efficiency	87 %		
Peak intensity	2.4 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
F17435_HEKLA-G2-C			

OPTICAL RESULTS (MEASURED):

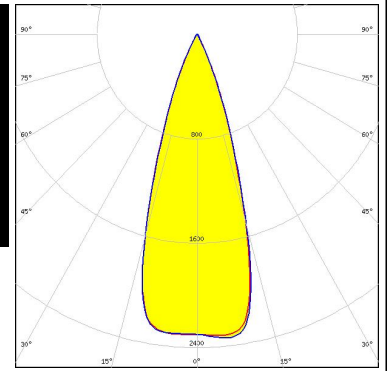
CITIZEN

LED CLU700/701/702/703
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 53.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



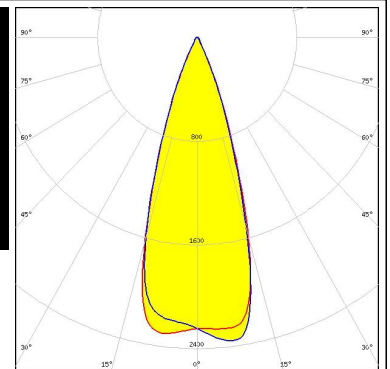
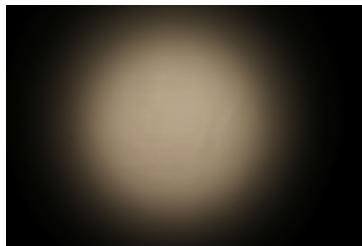
CITIZEN

LED CLU7A2/7A3
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 52.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



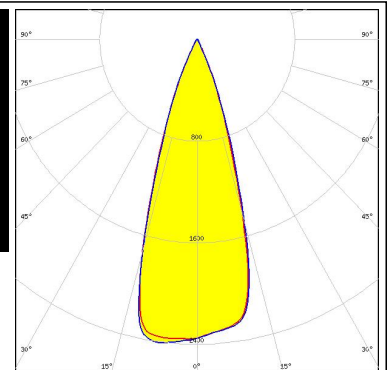
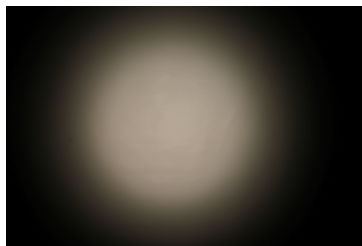
CITIZEN

LED CLU7A2/7A3
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 35.0° / 52.0°
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



CITIZEN

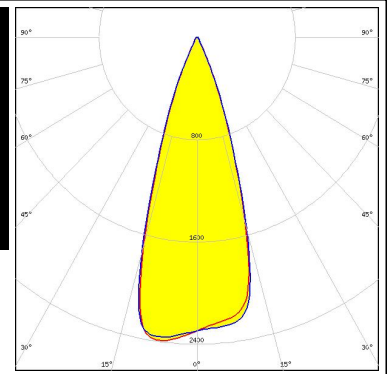
LED CLU7B2
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 51.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



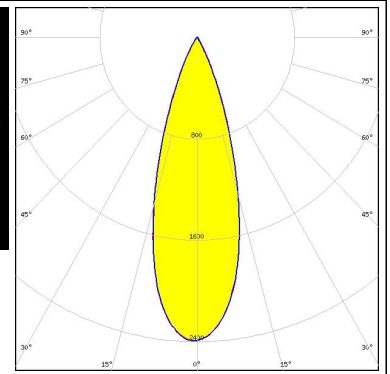
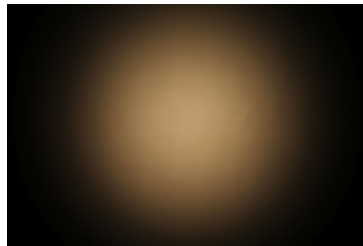
OPTICAL RESULTS (MEASURED):

CITIZEN

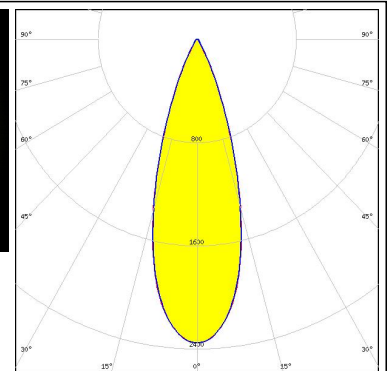
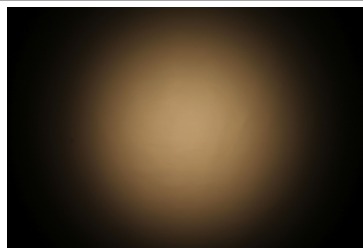
LED CLU7B2
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 34.0° / 51.0°
 Efficiency 88 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



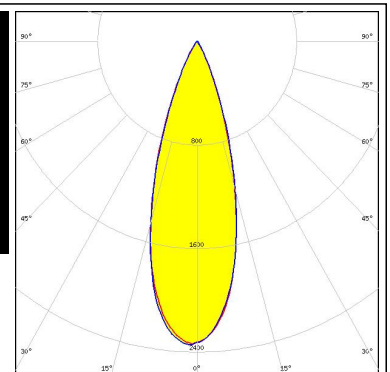
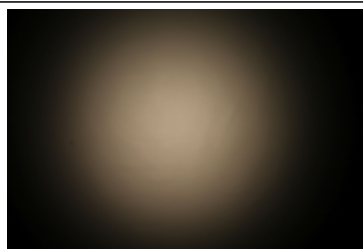
LED CMA1516
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



LED CMA1516
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 33.0° / 55.0°
 Efficiency 87 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



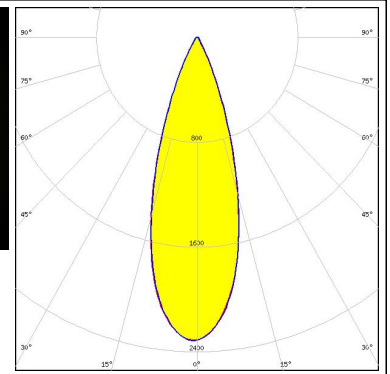
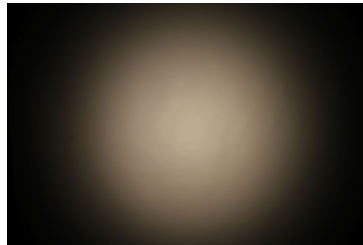
LED CMT14xx
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



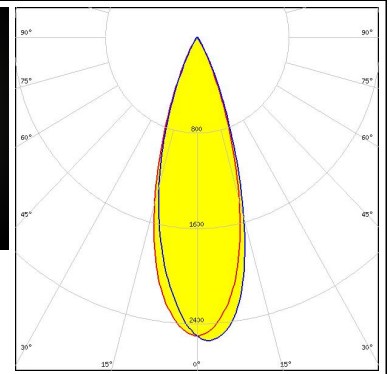
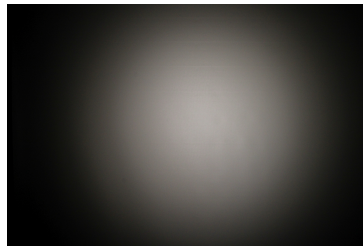
OPTICAL RESULTS (MEASURED):



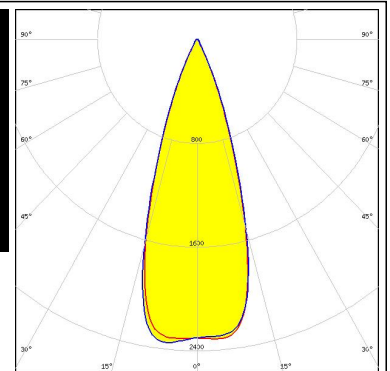
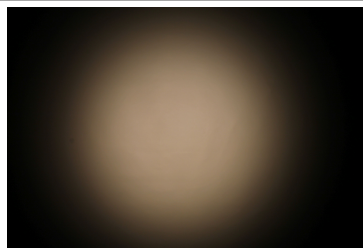
LED CMT14xx
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 33.0° / 56.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



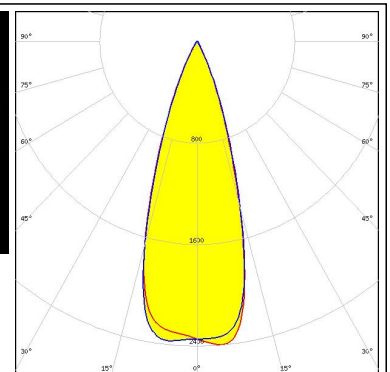
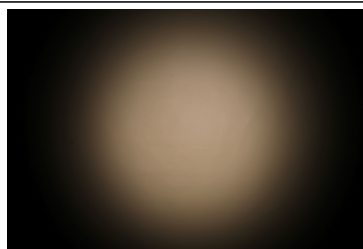
LED CMU10xx
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 54.0°
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



LED CXA/B 13xx
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 34.0° / 53.0°
Efficiency 89 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17439_HEKLA-G2-J



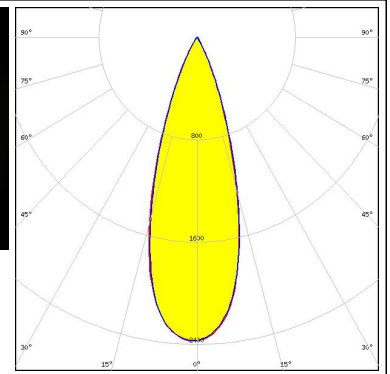
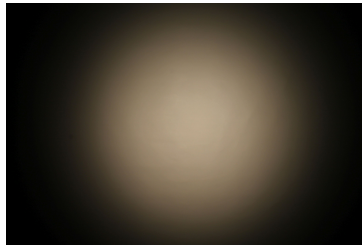
LED CXA/B 13xx
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 52.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17439_HEKLA-G2-J



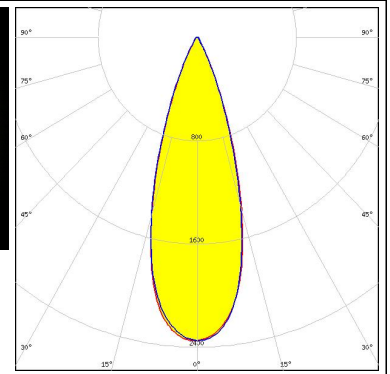
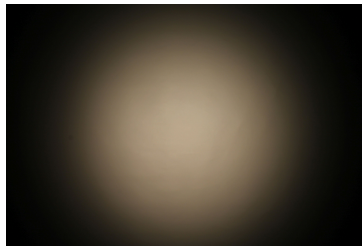
OPTICAL RESULTS (MEASURED):



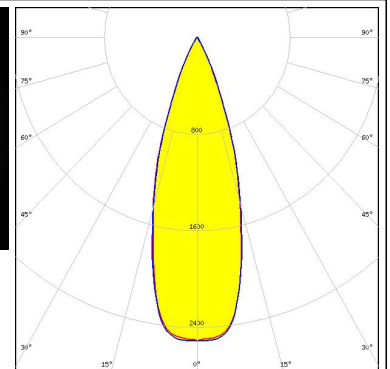
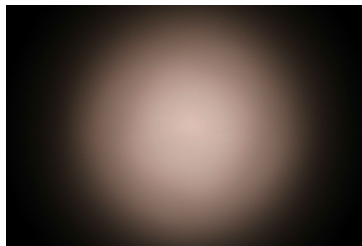
LED CXA/B 15xx
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 33.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



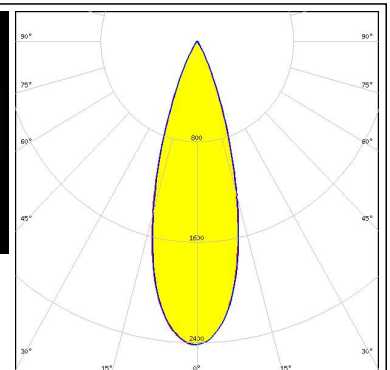
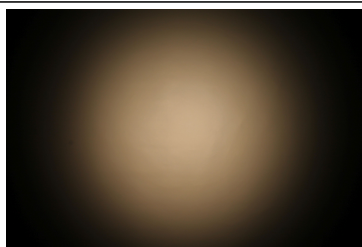
LED CXA/B 15xx
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 33.0° / 55.0°
 Efficiency 87 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



LED LEDIM/C6
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 33.0° / 54.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



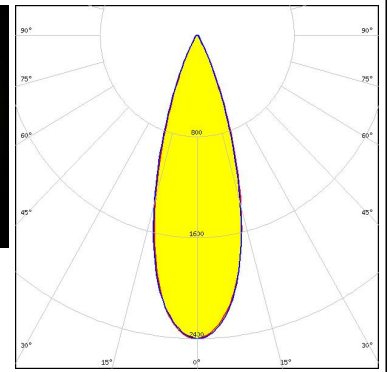
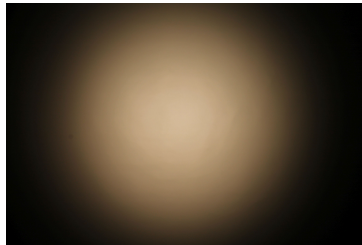
LED LUXEON CoB 1202/1203
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



OPTICAL RESULTS (MEASURED):

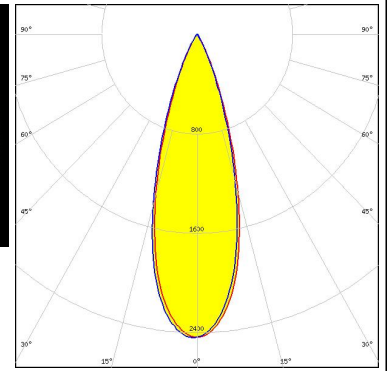
LUMILEDS

LED LUXEON CoB 1202/1203
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 32.5° / 54.5°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



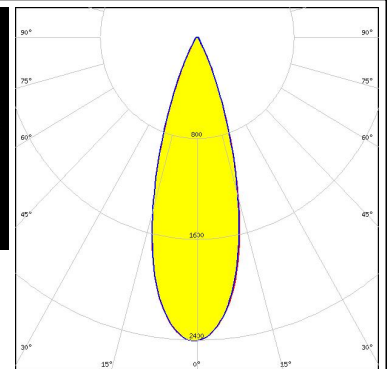
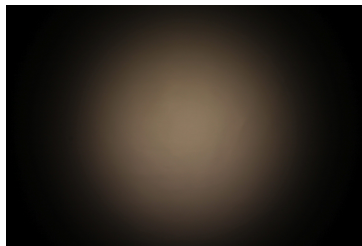
LUMILEDS

LED LUXEON CoB 1204HD
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 31.0° / 53.0°
Efficiency 80 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



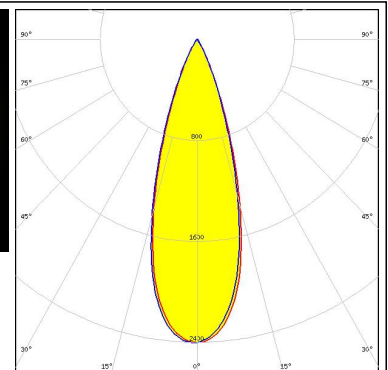
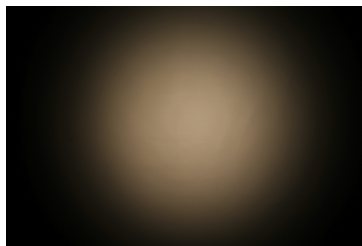
LUMILEDS

LED LUXEON CoB 1204HD
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 32.0° / 54.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



LUMILEDS

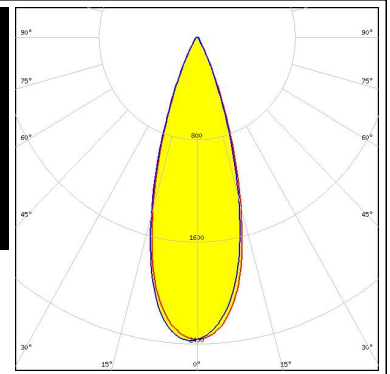
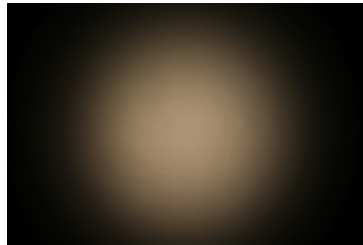
LED LUXEON CoB M02/M03
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 54.0°
Efficiency 81 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D



OPTICAL RESULTS (MEASURED):

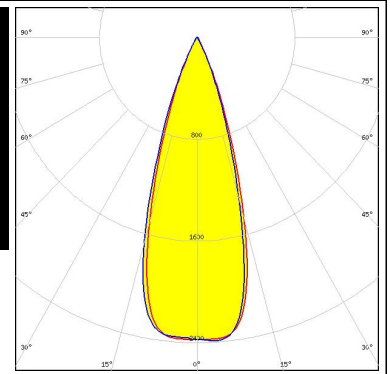
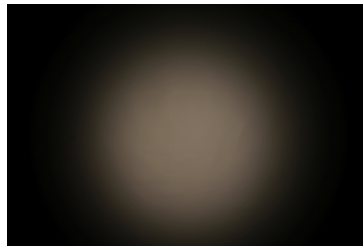
LUMILEDS

LED LUXEON CoB M02/M03
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 33.0° / 54.0°
 Efficiency 87 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



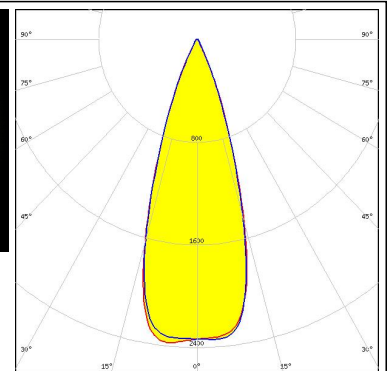
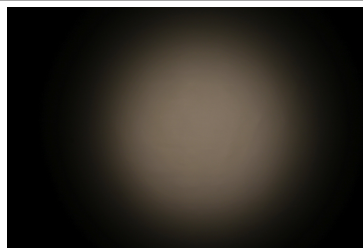
LUMILEDS

LED LUXEON CoB S01
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 34.0° / 52.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



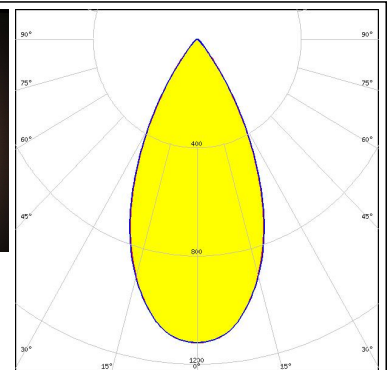
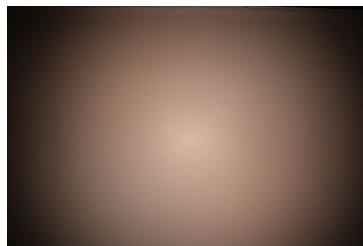
LUMILEDS

LED LUXEON CoB S01
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 34.0° / 52.0°
 Efficiency 88 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



LUMINUS

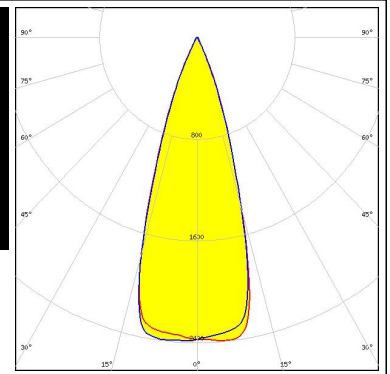
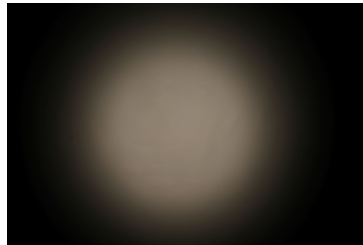
LED CTM-14 (Tunable White) Gen2
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 51.0° / 77.0°
 Efficiency 80 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



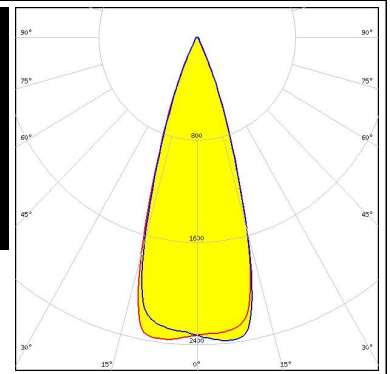
OPTICAL RESULTS (MEASURED):



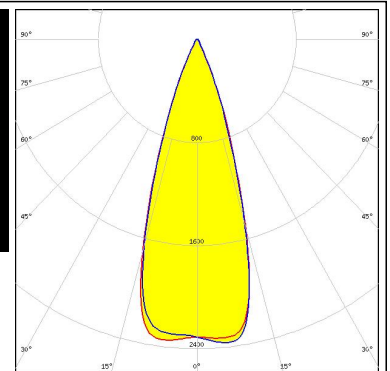
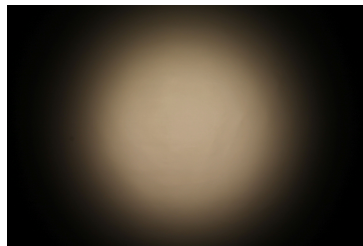
LED CXM-3
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 33.0° / 51.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



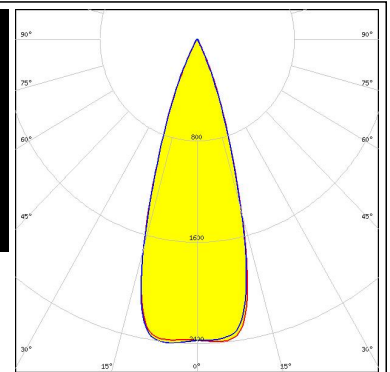
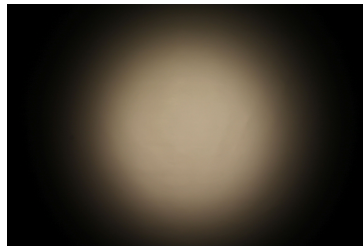
LED CXM-3
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 34.0° / 50.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



LED CXM-4
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 34.0° / 51.0°
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



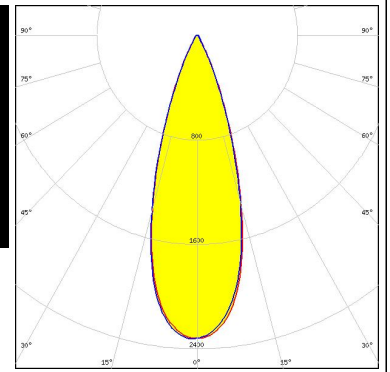
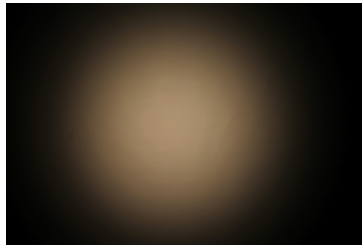
LED CXM-4
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 33.0° / 51.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



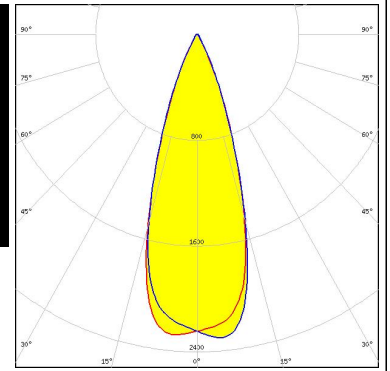
OPTICAL RESULTS (MEASURED):



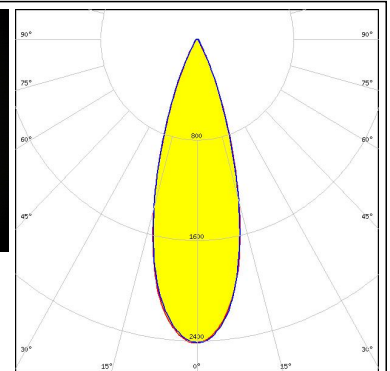
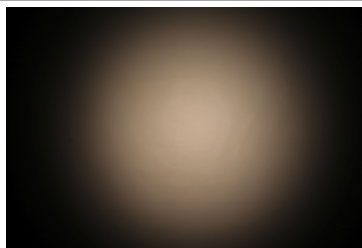
LED COB L-Type (LES 9)
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 33.0° / 54.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



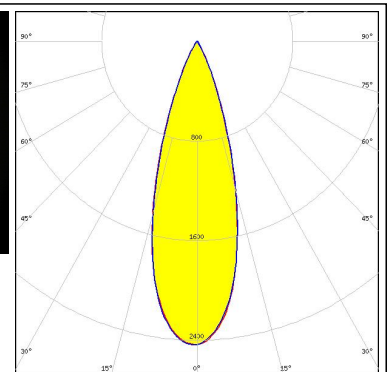
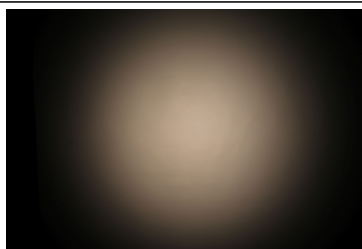
LED COB S-Type (LES 7)
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 34.0° / 54.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15848_HEKLA-SOCKET-G



LED Fortimo SLM L09 CoB
Ordering code CP18739_YASMEEN-50-W-C2-WHT
FWHM / FWTM 32.0° / 54.0°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



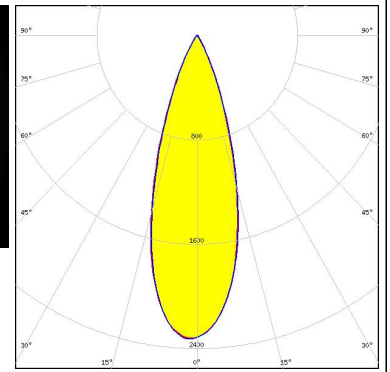
LED Fortimo SLM L09 CoB
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 53.0°
Efficiency 80 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



OPTICAL RESULTS (MEASURED):

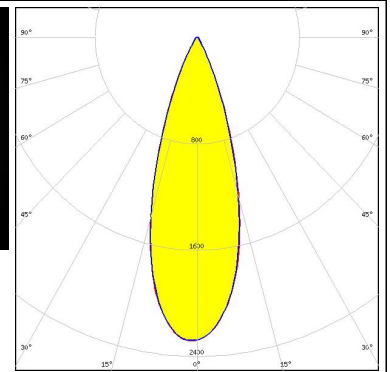
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



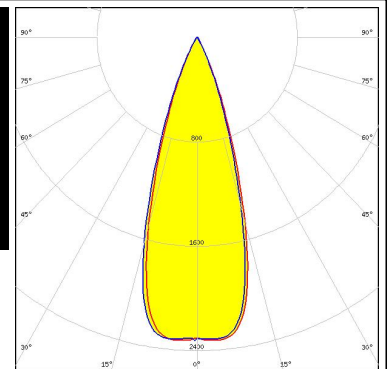
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 86 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



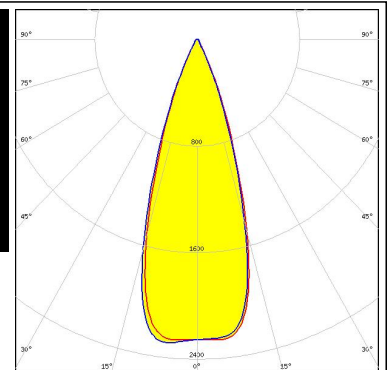
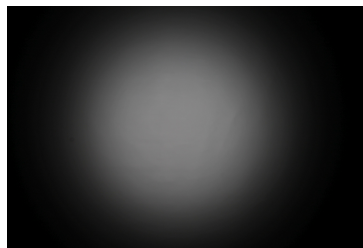
SEOUL SEMICONDUCTOR

LED MJT COB LES 6
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 34.0° / 53.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



SEOUL SEMICONDUCTOR


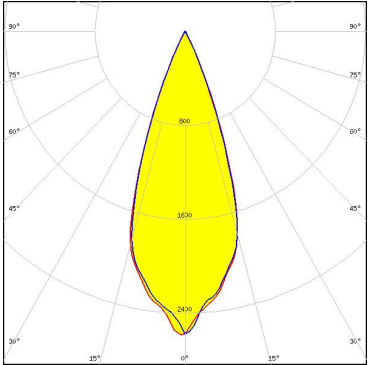
LED MJT COB LES 6
 Ordering code CP18739_YASMEEN-50-W-C2-WHT
 FWHM / FWTM 35.0° / 54.0°
 Efficiency 88 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C


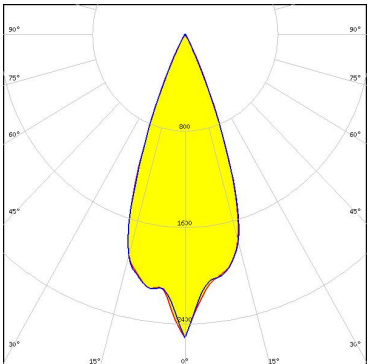


OPTICAL RESULTS (MEASURED):


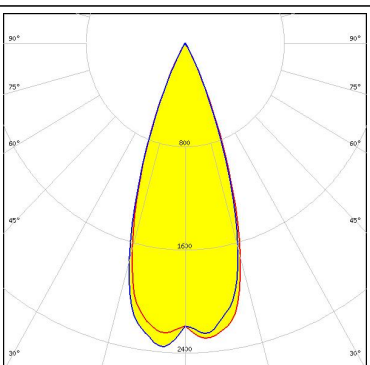


OPTICAL RESULTS (SIMULATED):

		
LED	V3 HD Gen 8	
Ordering code	CP18725_YASMEEN-50-W-C2	
FWHM / FWTM	38.0° / 52.0°	
Efficiency	90 %	
Peak intensity	2.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
F15253_HEKLA-SOCKET-A		

		
LED	V3 HD Gen 8 FC	
Ordering code	CP18725_YASMEEN-50-W-C2	
FWHM / FWTM	38.0° / 54.0°	
Efficiency	92 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
F15255_HEKLA-SOCKET-C		

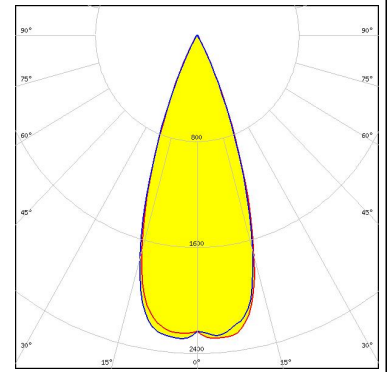
		
LED	V4 HD Gen 8	
Ordering code	CP18725_YASMEEN-50-W-C2	
FWHM / FWTM	38.0° / 52.0°	
Efficiency	90 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
F15253_HEKLA-SOCKET-A		

		
LED	V6 Gen 8-9	
Ordering code	CP18725_YASMEEN-50-W-C2	
FWHM / FWTM	38.0° / 54.0°	
Efficiency	90 %	
Peak intensity	2.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
F15253_HEKLA-SOCKET-A		

OPTICAL RESULTS (SIMULATED):

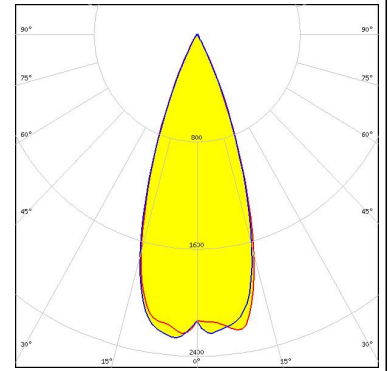
bridgelux

LED V6 HD Gen 7
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



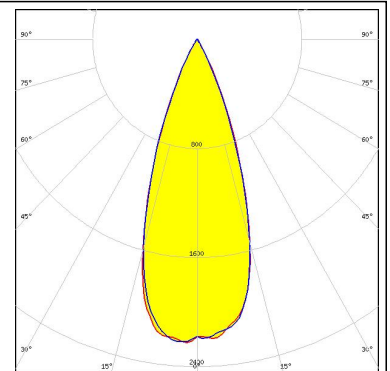
bridgelux

LED V6 HD Gen 8
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 55.0°
 Efficiency 90 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



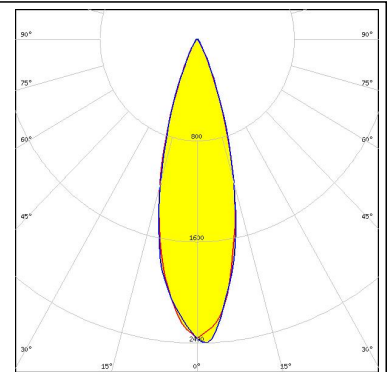
bridgelux

LED V9 HD Gen 8
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 56.0°
 Efficiency 89 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



bridgelux

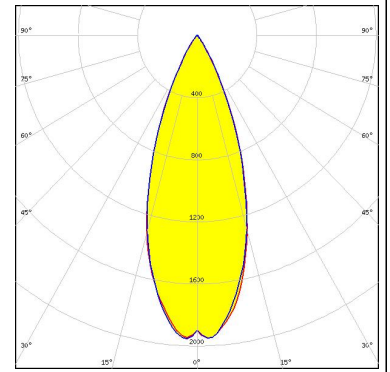
LED Vero SE 13
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 30.0° / 52.0°
 Efficiency 74 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



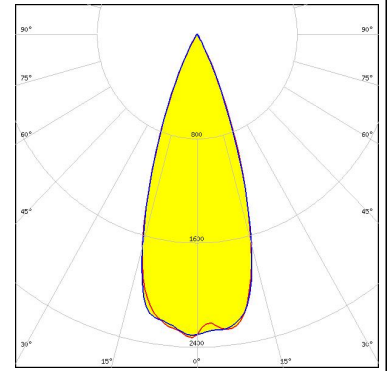
OPTICAL RESULTS (SIMULATED):



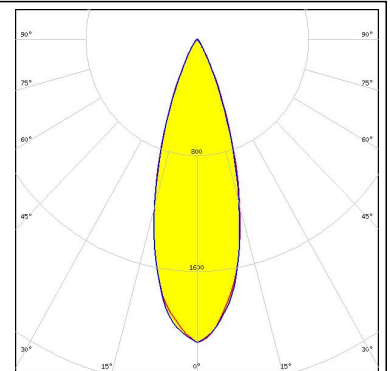
LED VERO13
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 38.0° / 62.0°
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16142_HEKLA-SOCKET-K



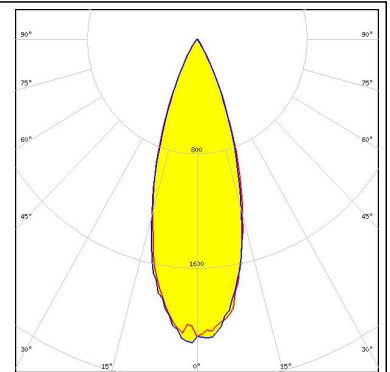
LED Vesta DTW 6mm
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 38.0° / 54.0°
Efficiency 89 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652b Hekla



LED Vesta SE 13mm TW
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 56.0°
Efficiency 75 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K



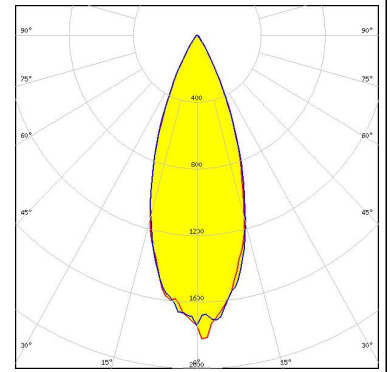
LED Vesta TW 13mm (18W) DP
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 35.0° / 59.0°
Efficiency 81 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 492 Typ L8



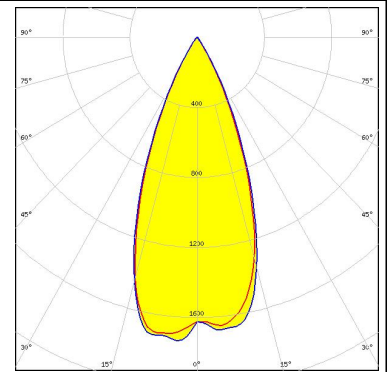
OPTICAL RESULTS (SIMULATED):



LED Vesta TW 15mm DP
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 37.0° / 62.0°
Efficiency 78 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 482 Typ L8

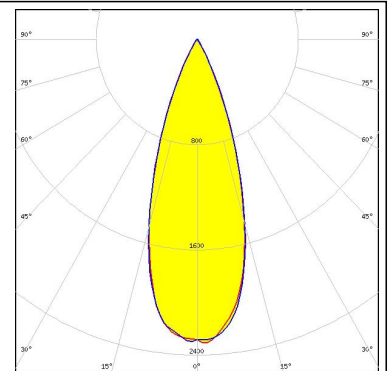


LED Vesta TW 9mm (9W) DP
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 43.0° / 64.0°
Efficiency 87 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 489 Typ L8



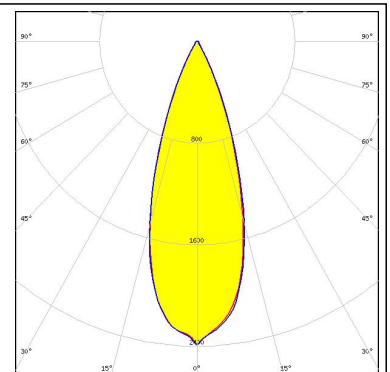
CITIZEN

LED CLL02x/CLU02x (LES10)
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 36.0° / 56.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



CITIZEN

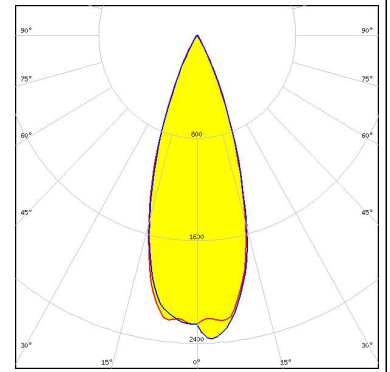
LED CLL02x/CLU02x (LES10)
Ordering code CP18746_YASMEEN-50-W-B2-WHT
FWHM / FWTM 36.0° / 56.0°
Efficiency 93 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



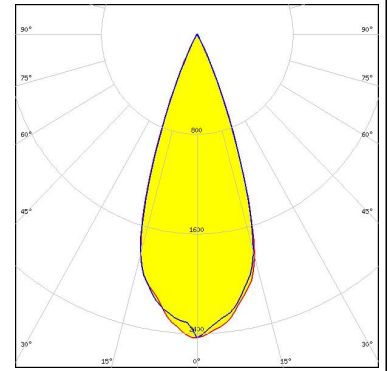
OPTICAL RESULTS (SIMULATED):

CITIZEN

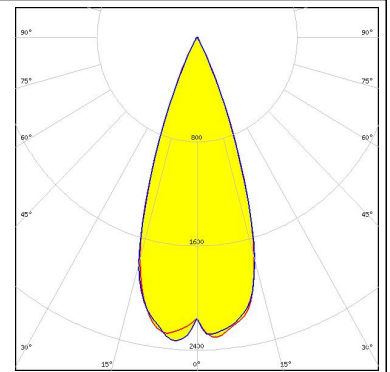
LED CLU712/713
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 36.0° / 56.0°
 Efficiency 88 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



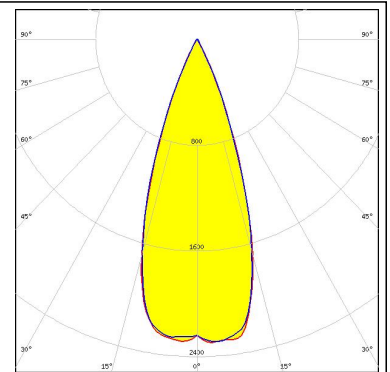
LED CHA0304
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 52.0°
 Efficiency 90 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



LED CHA0410
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



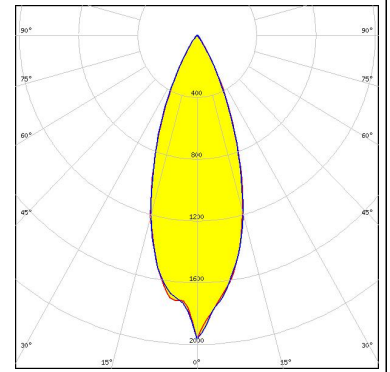
LED CHA0612
 Ordering code CP18725_YASMEEN-50-W-C2
 FWHM / FWTM 38.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (SIMULATED):

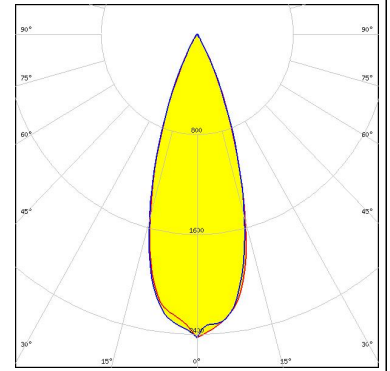
LUMILEDS

LED LUXEON CX Plus CoB L08 (Gen2)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 62.0°
Efficiency 81 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla



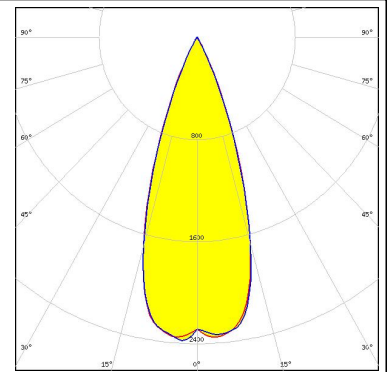
LUMILEDS

LED LUXEON CoB 1202/1203
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 56.0°
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



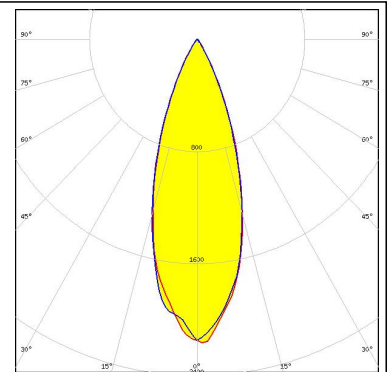
LUMILEDS

LED LUXEON CoB 1202HD
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 37.0° / 54.0°
Efficiency 90 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15848_HEKLA-SOCKET-G

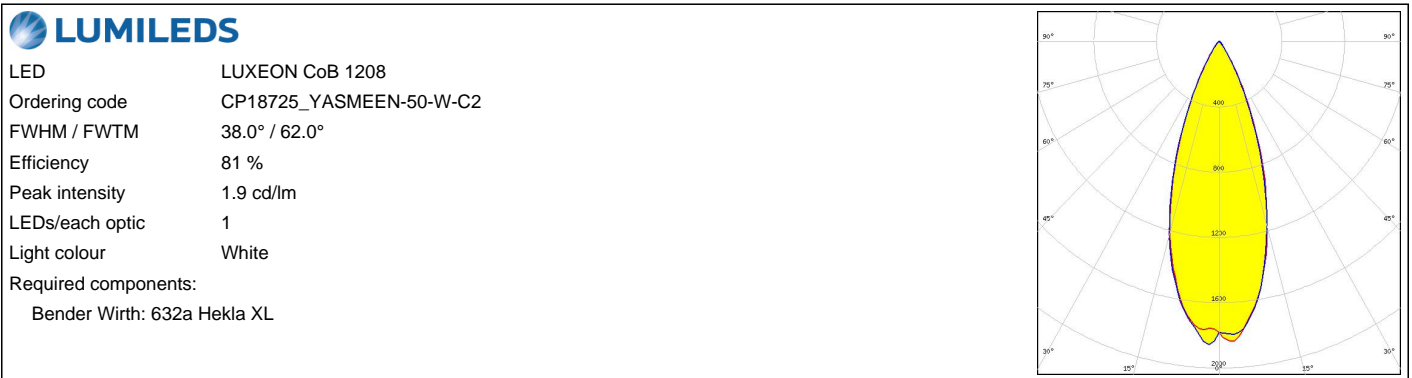


LUMILEDS

LED LUXEON CoB 1204/1205
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 60.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 632a Hekla XL



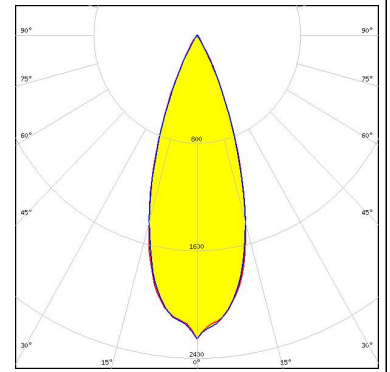
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

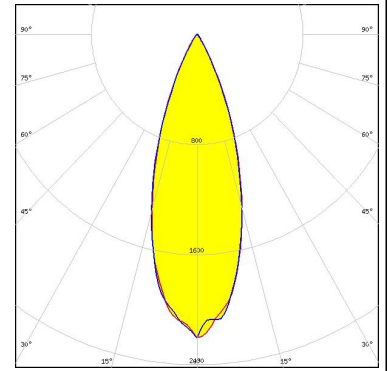
LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 36.0° / 58.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 634a Bayonet35L



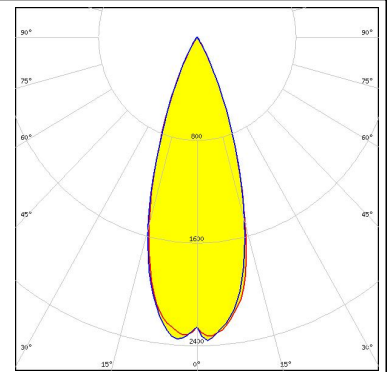
LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 59.0°
Efficiency 84 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



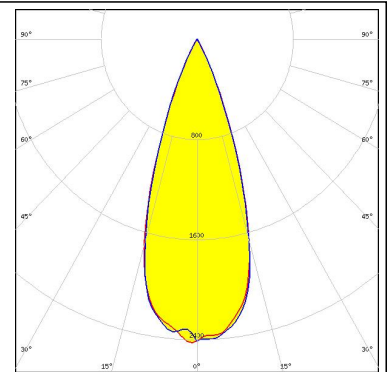
LUMILEDS

LED LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 56.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15256_HEKLA-SOCKET-D



LUMILEDS

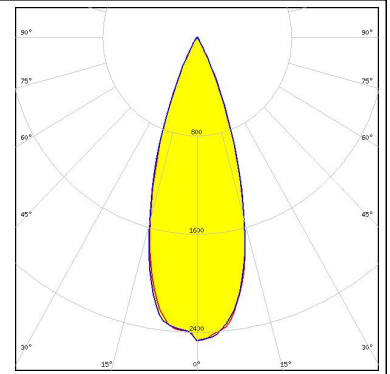
LED LUXEON CX Plus CoB S01 (Gen2)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 54.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15956_HEKLA-SOCKET-J



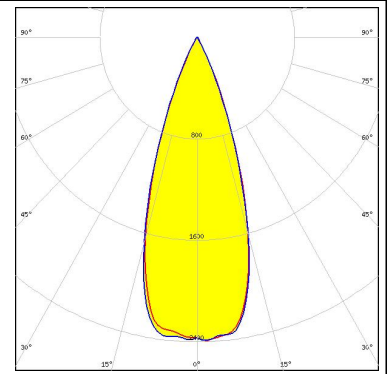
OPTICAL RESULTS (SIMULATED):



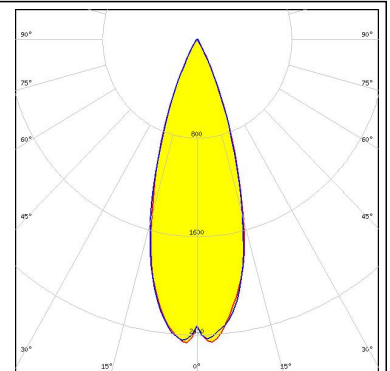
LED CHM-9 XH (19x19)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 35.0° / 54.0°
Efficiency 88 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15859_HEKLA-SOCKET-I



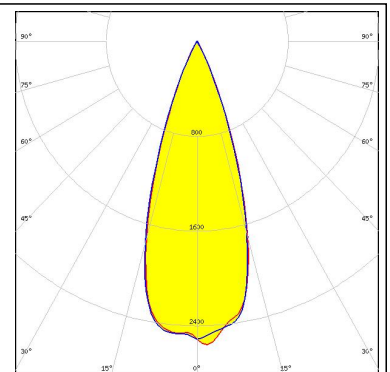
LED CTM-6 (Tunable White) Gen2
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 54.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8



LED CTM-9 (Tunable White) Gen2
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 54.0°
Efficiency 87 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8



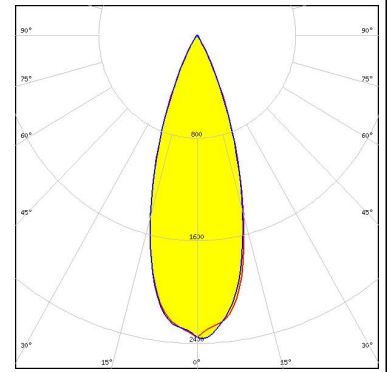
LED CxM-6 (13.5x13.5)
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 36.0° / 52.0°
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



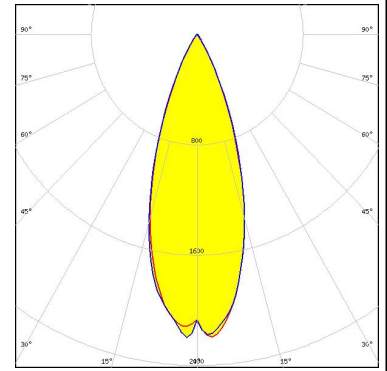
OPTICAL RESULTS (SIMULATED):



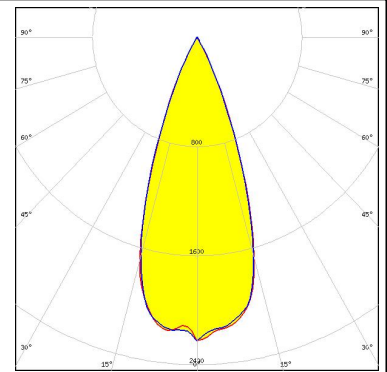
LED CxM-9 (13.5x13.5)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 34.0° / 56.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



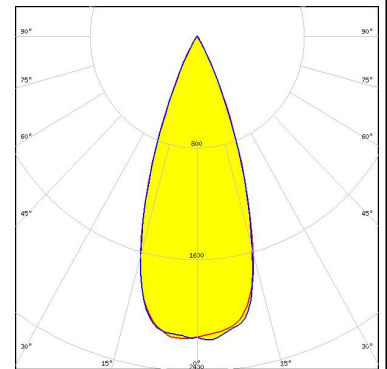
LED COB L-Type (LES 11)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 59.0°
Efficiency 86 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15858_HEKLA-SOCKET-H



LED COB S-Type (LES 6)
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 38.0° / 56.0°
Efficiency 89 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Bayonet35L



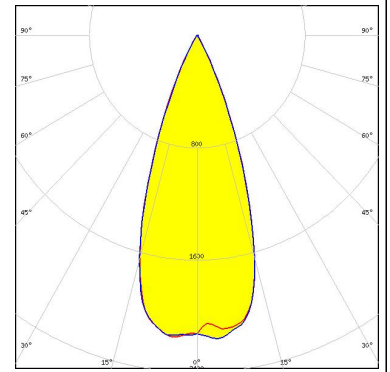
LED COB S-Type (LES 7)
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 38.0° / 56.0°
Efficiency 88 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Bayonet35L



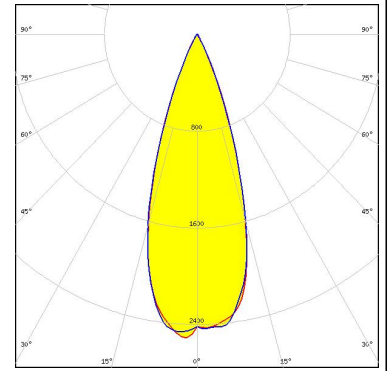
OPTICAL RESULTS (SIMULATED):



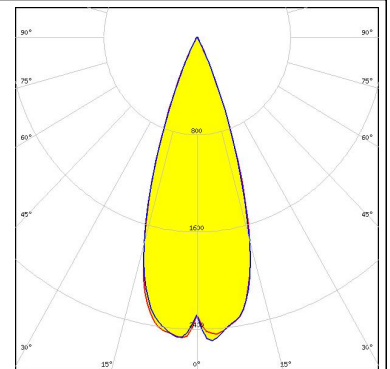
LED COB T-Type
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 38.0° / 56.0°
Efficiency 88 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 652a Bayonet35L



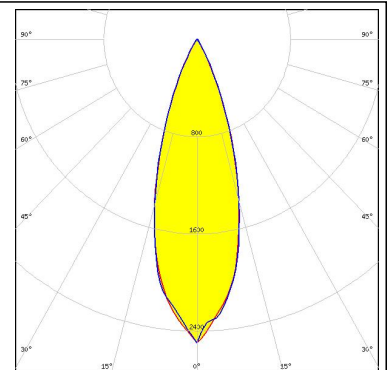
LED NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 35.0° / 53.0°
Efficiency 88 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 497 Typ L8 HV



LED NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 52.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 495 Typ L8 HV



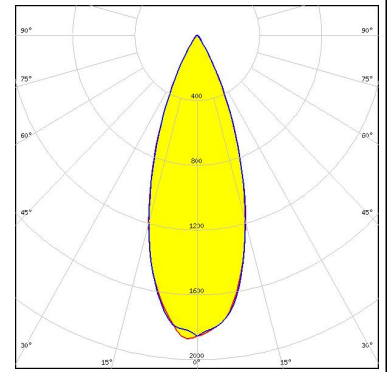
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 32.0° / 56.0°
Efficiency 85 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 498 Typ L8 HV



OPTICAL RESULTS (SIMULATED):

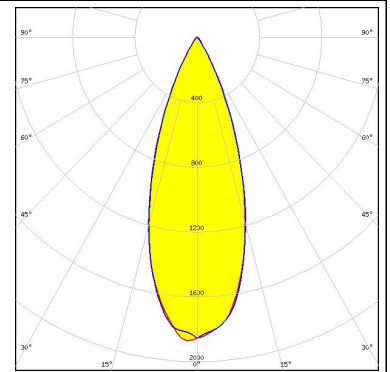
PHILIPS

LED Fortimo SLM L15 CoB
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 37.0° / 62.0°
Efficiency 81 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 632a Hekla XL



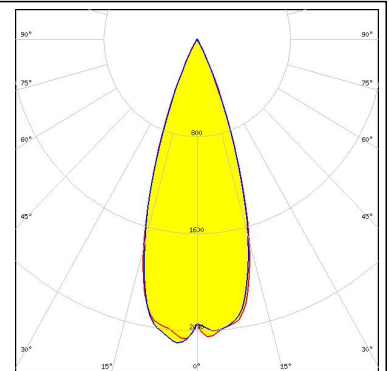
PHILIPS

LED Fortimo SLM L15 CoB
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 38.0° / 64.0°
Efficiency 79 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 632a Hekla XL



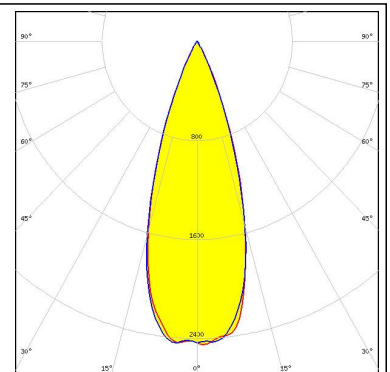
SAMSUNG

LED LC010C G2
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 36.0° / 53.0°
Efficiency 90 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



SAMSUNG

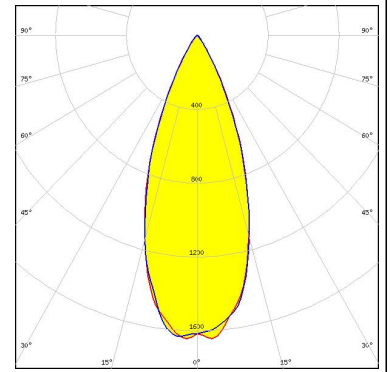
LED LC010T (Tunable White)
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 36.0° / 54.0°
Efficiency 88 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 501 Typ L8



OPTICAL RESULTS (SIMULATED):

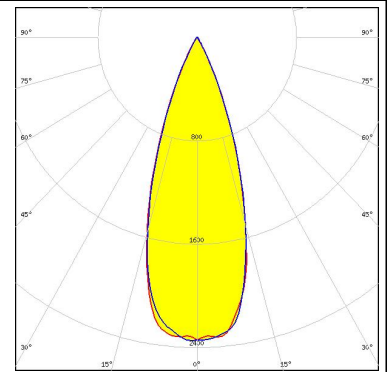
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 40.0° / 64.0°
Efficiency 79 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



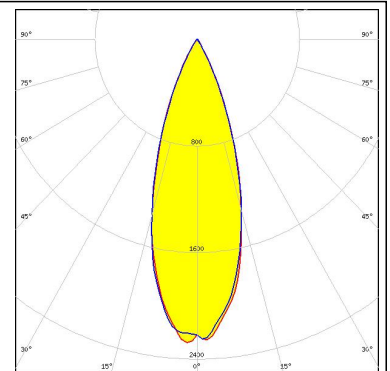
SAMSUNG

LED LC020C G2
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 36.0° / 56.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



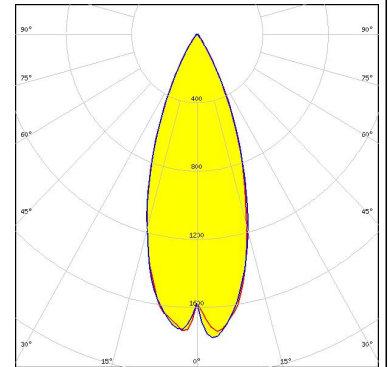
SAMSUNG

LED LC030C/040C G2
Ordering code CP18732_YASMEEN-50-W-B2
FWHM / FWTM 34.0° / 58.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



SEOUL SEMICONDUCTOR

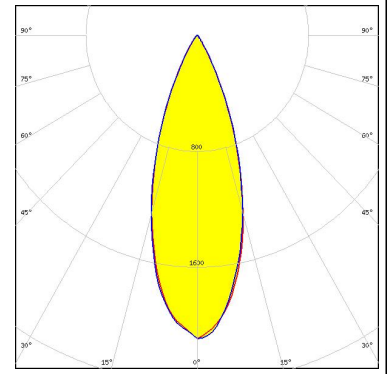
LED MJT COB LES 14.5
Ordering code CP18725_YASMEEN-50-W-C2
FWHM / FWTM 38.0° / 64.0°
Efficiency 82 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

TRIDONIC

LED	SLE G7 LES13
Ordering code	CP18725_YASMEEN-50-W-C2
FWHM / FWTM	36.0° / 60.0°
Efficiency	83 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17438_HEKLA-G2-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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