

WINNIE-W

~50° wide beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

SPECIFICATION:

Dimensions	Ø 49.8 mm
Height	19.3 mm
Fastening	screw
ROHS compliant	yes ⓘ



MATERIALS:

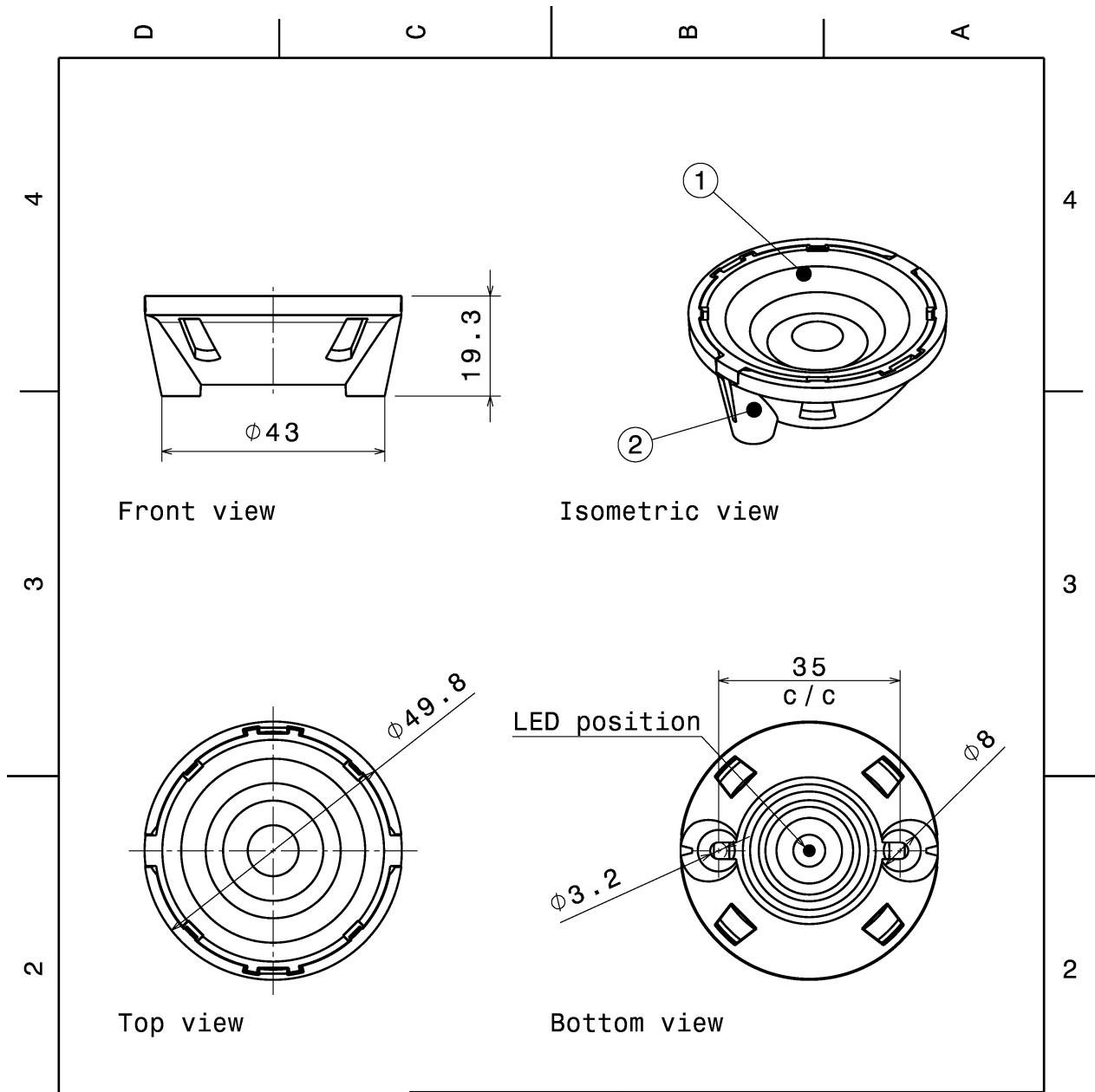
Component	Type	Material	Colour	Finish
C14234_WINNIE-W	Single lens	PMMA	clear	
C14235_WINNIE-HOLDER	Holder	PC	white	

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C14234_WINNIE-W	Single lens	364	84	28	5.6
» Box size: 480 x 280 x 300 mm					
C14235_WINNIE-HOLDER	Holder	1820	84	28	7.2
» Box size: 480 x 280 x 300 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14234	WINNIE-W	PMMA	clear
2	C14235	WINNIE-HOLDER	PC	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CN14238_WINNIE-W



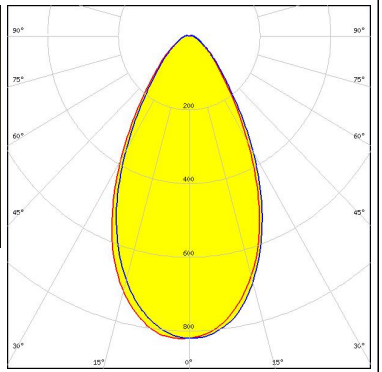





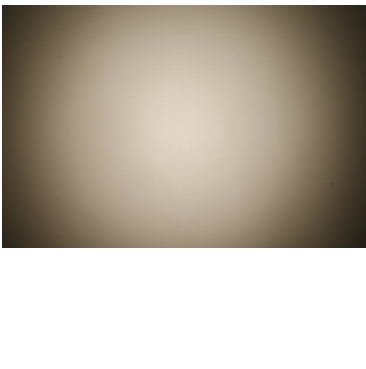
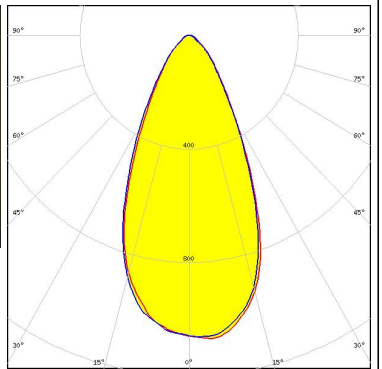
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SIZE	PART NUMBER
A4	CN14238

SCALE	1:1	WEIGHT	14,82 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

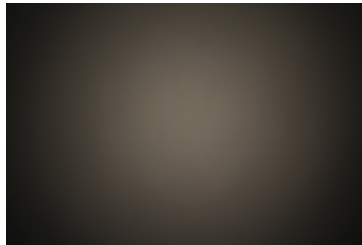
OPTICAL RESULTS (MEASURED):

<p> LED V18 Gen6 FWHM / FWTM 56.0° / 102.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> LED V6 Gen6 FWHM / FWTM 47.0° / 92.0° Efficiency 87 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> LED V8 Gen6 FWHM / FWTM 48.0° / 92.0° Efficiency 88 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> LED VERO10 FWHM / FWTM 49.0° / 90.0° Efficiency 90 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

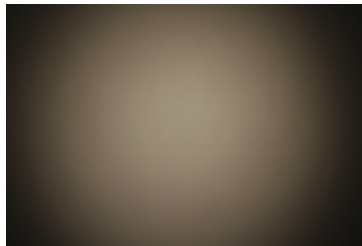
CITIZEN

LED CLL01x
 FWHM / FWTM 45.0° / 90.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



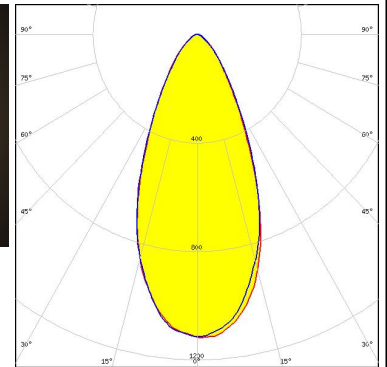
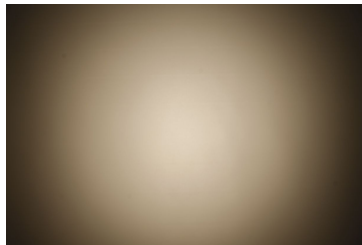
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 46.0° / 90.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



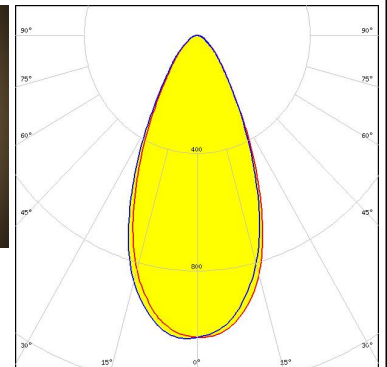
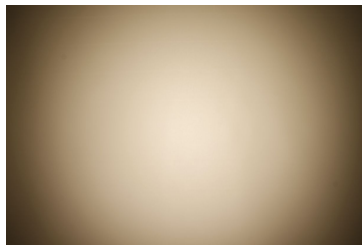
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 46.0° / 88.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 434 Typ L5



CITIZEN

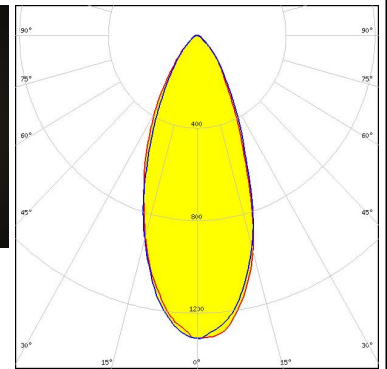
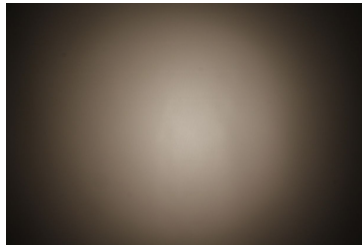
LED CLL03x/CLU03x
 FWHM / FWTM 48.0° / 91.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



OPTICAL RESULTS (MEASURED):

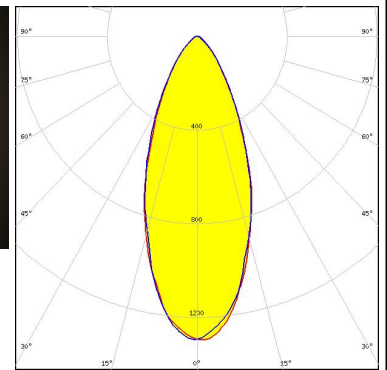
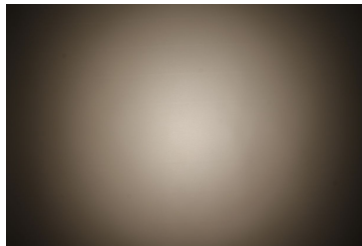
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 42.0° / 83.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



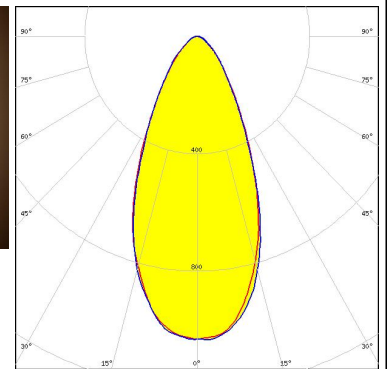
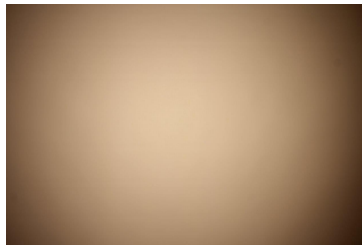
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 42.0° / 84.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 434 Typ L5



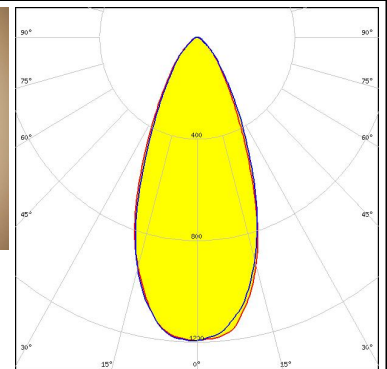
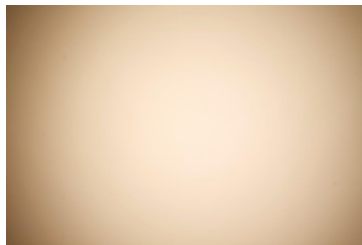
CITIZEN

LED CLU710/711
 FWHM / FWTM 47.0° / 93.0°
 Efficiency 87 %
 Peak intensity 1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



CITIZEN

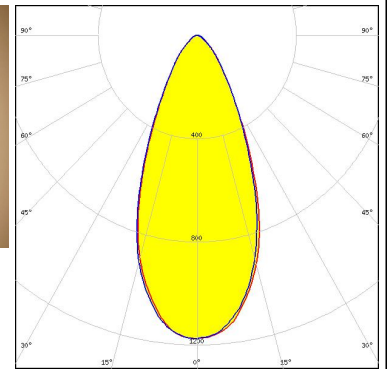
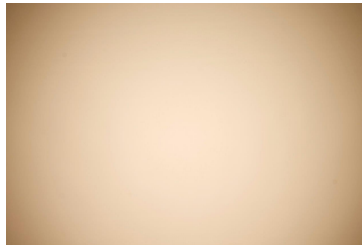
LED CLU710/711
 FWHM / FWTM 45.0° / 86.0°
 Efficiency 88 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 470 Typ L5



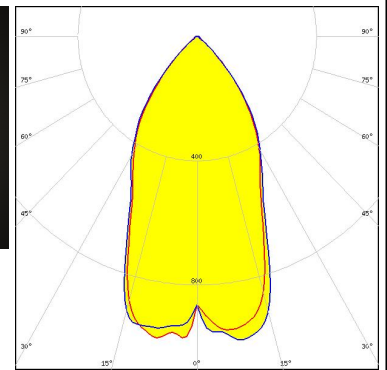
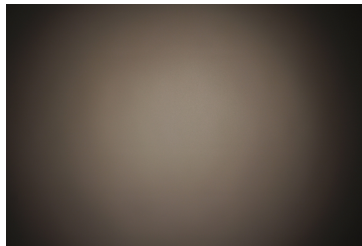
OPTICAL RESULTS (MEASURED):

CITIZEN

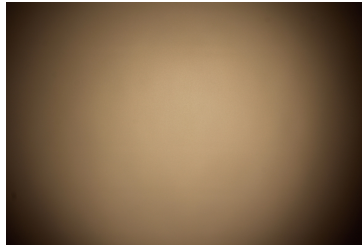
LED CLU720/721/723
 FWHM / FWTM 45.0° / 85.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



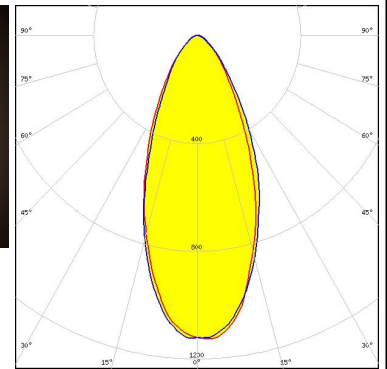
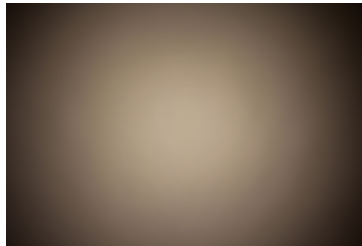
LED CXA/B 13xx
 FWHM / FWTM 51.0° / 96.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED CXA/B 15xx
 FWHM / FWTM 52.0° / 96.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



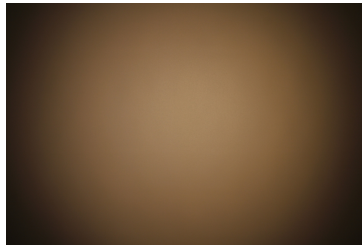
LED MHD-E/G
 FWHM / FWTM 45.0° / 91.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

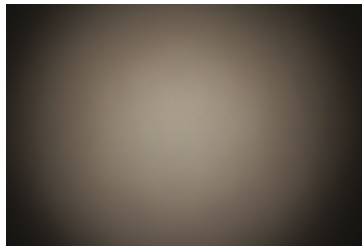
LUMILEDS

LED LUXEON CoB 1202/1203
FWHM / FWTM 48.0° / 94.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



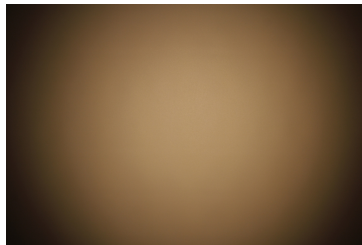
LUMILEDS

LED LUXEON CoB 1202s
FWHM / FWTM 46.0° / 90.0°
Efficiency 89 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



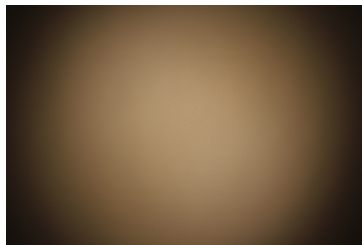
LUMINUS

LED CxM-14 (19x19)
FWHM / FWTM 50.0° / 96.0°
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMINUS

LED CxM-9 (13.5x13.5)
FWHM / FWTM 48.0° / 92.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

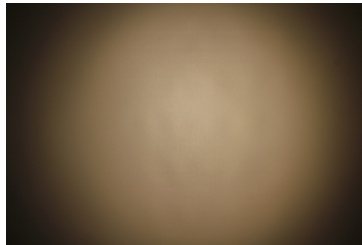


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

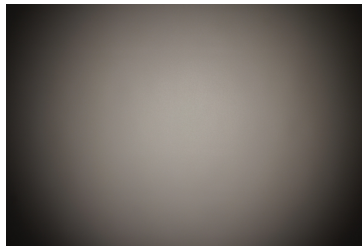
LED Duris S10
 FWHM / FWTM 54.0° / 90.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

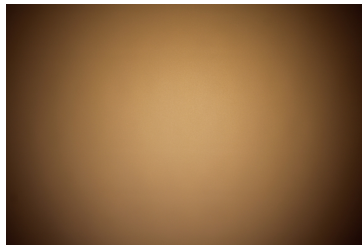
LED Soleriq S13
 FWHM / FWTM 49.0° / 92.0°
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

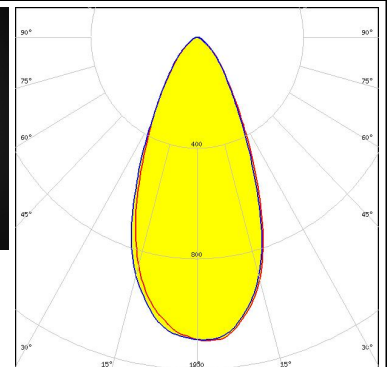
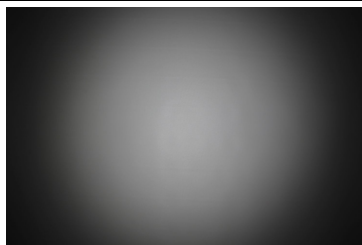
Opto Semiconductors

LED Soleriq S19
 FWHM / FWTM 50.0° / 94.0°
 Efficiency 84 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

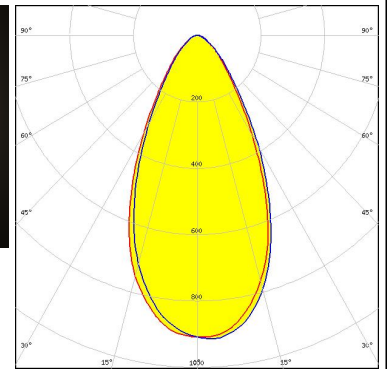
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 47.0° / 89.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



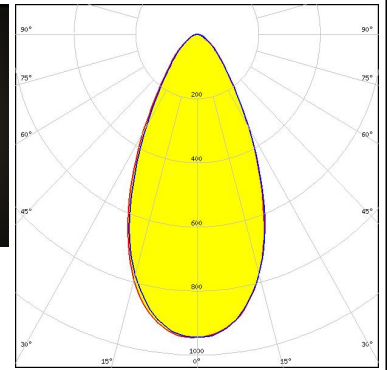
OPTICAL RESULTS (MEASURED):

SAMSUNG

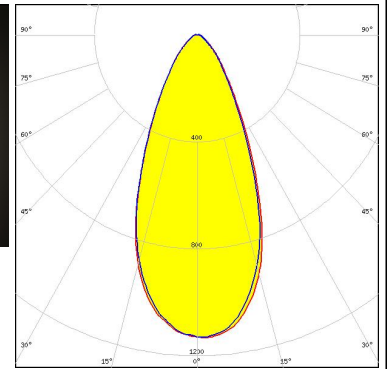
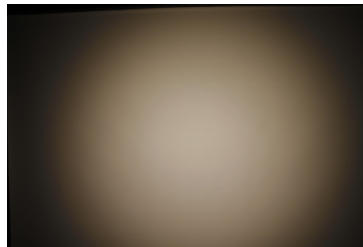
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 52.0° / 96.0°
 Efficiency 85 %
 Peak intensity 0.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



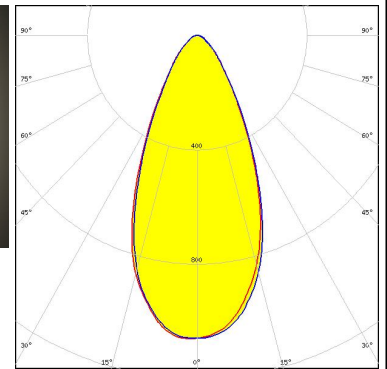
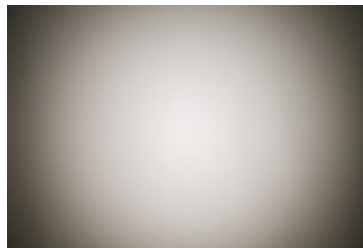
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 FWHM / FWTM 51.0° / 96.0°
 Efficiency 84 %
 Peak intensity 0.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



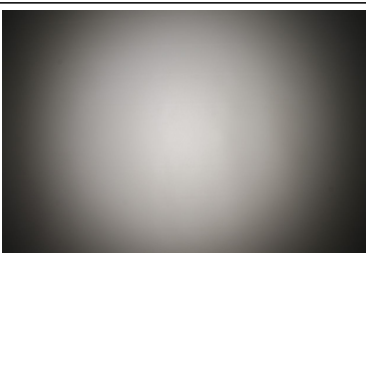
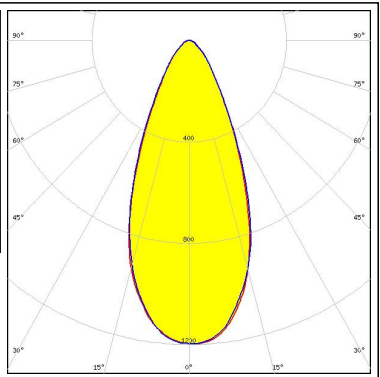
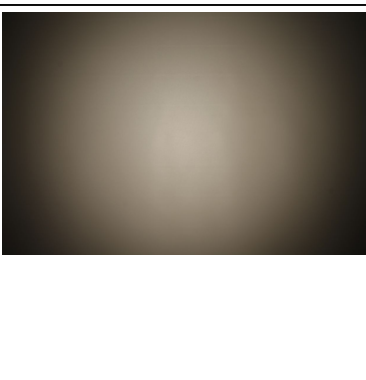
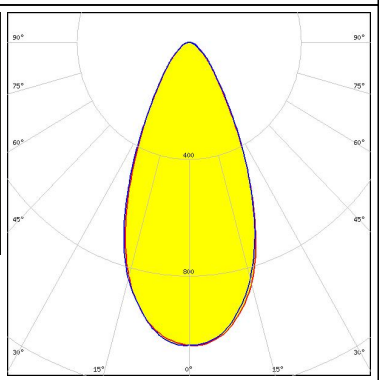
SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 FWHM / FWTM 46.0° / 88.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 434 Typ L5



SEOUL SEMICONDUCTOR
 LED ZC12/18
 FWHM / FWTM 48.0° / 90.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



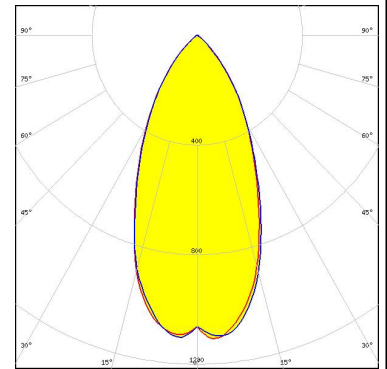
OPTICAL RESULTS (MEASURED):

<p>VS LIGHTING SOLUTIONS</p> <p>LED DMC 124 / 125</p> <p>FWHM / FWTM 45.0° / 84.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 433 Typ L5</p>		
<p>VS LIGHTING SOLUTIONS</p> <p>LED DMC 128</p> <p>FWHM / FWTM 49.0° / 90.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 433 Typ L5</p>		

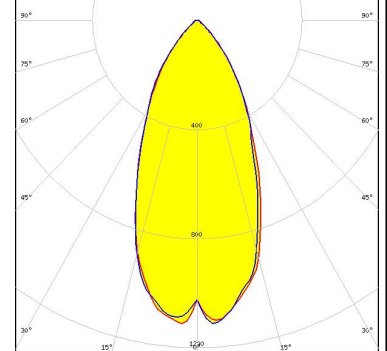
OPTICAL RESULTS (SIMULATED):



LED CXA/B 15xx
 FWHM / FWTM 48.0° / 88.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14305_STELLA-CLAMP-CXA15-18



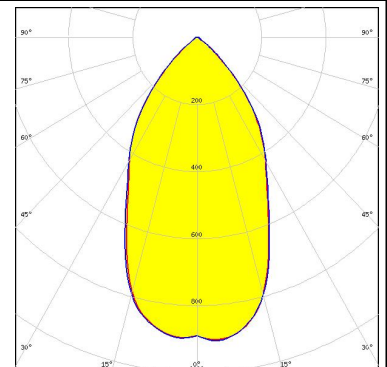
LED LUXEON CoB 1202/1203
 FWHM / FWTM 47.0° / 88.0°
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 441 Typ L5



LED LUXEON CoB Compact
 FWHM / FWTM 46.0° / 90.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM / FWTM 56.0° / 98.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):



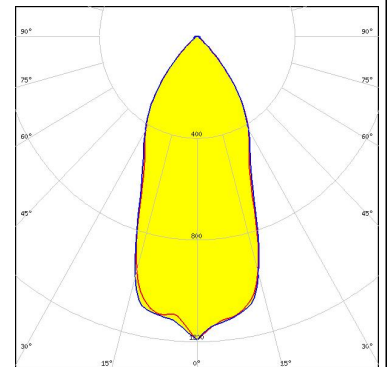
LED CxM-14 (19x19)
FWHM / FWTM 48.0° / 91.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 433 Typ L5



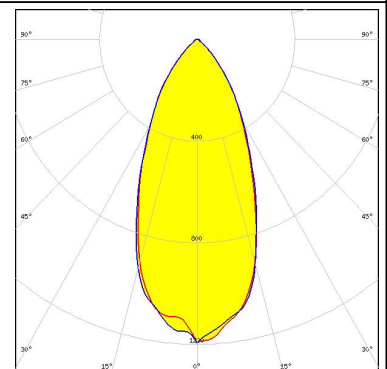
LED CxM-9 (13.5x13.5)
FWHM / FWTM 46.0° / 88.0°
Efficiency 87 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 434 Typ L5



LED COB S-Type (LES 6)
FWHM / FWTM 44.0° / 90.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



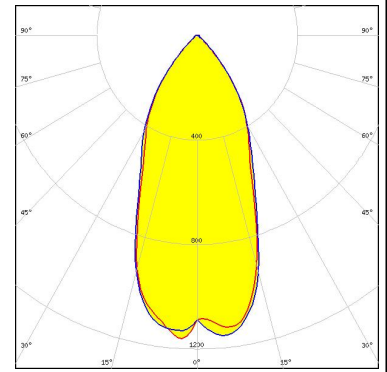
LED Soleriq S9
FWHM / FWTM 45.0° / 87.0°
Efficiency 90 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

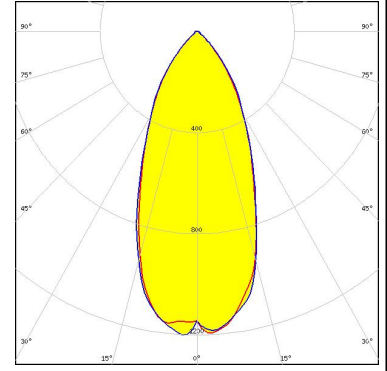
SAMSUNG

LED LC010C
 FWHM / FWTM 45.0° / 88.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 479 Typ L5



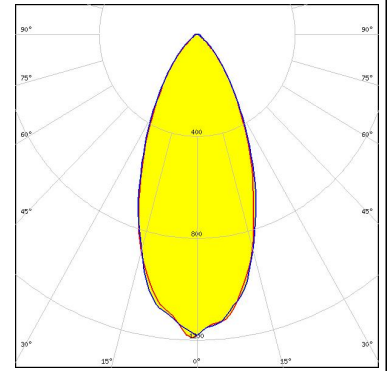
SAMSUNG

LED LC020C
 FWHM / FWTM 45.0° / 86.0°
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 479 Typ L5



SAMSUNG

LED LC040C
 FWHM / FWTM 45.0° / 86.0°
 Efficiency 88 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 479 Typ L5



SEOUL SEMICONDUCTOR

LED ZC4/6
 FWHM / FWTM 46.0° / 88.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 434 Typ L5