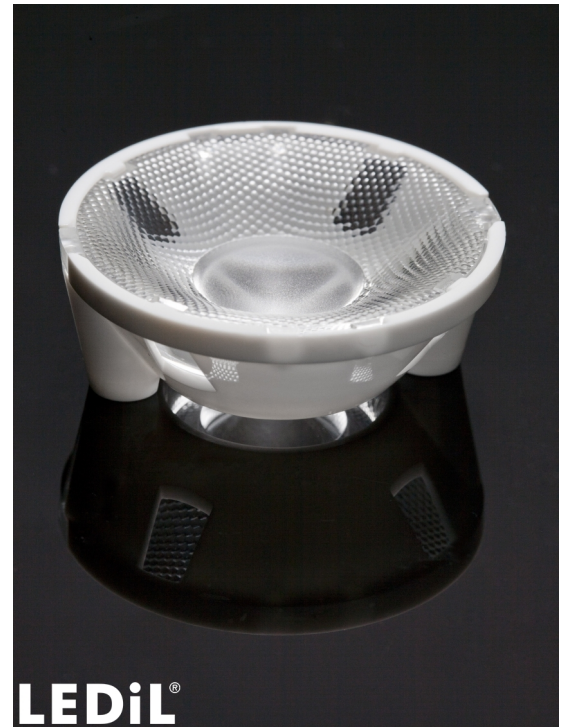


WINNIE-M

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

TECHNICAL SPECIFICATIONS:

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

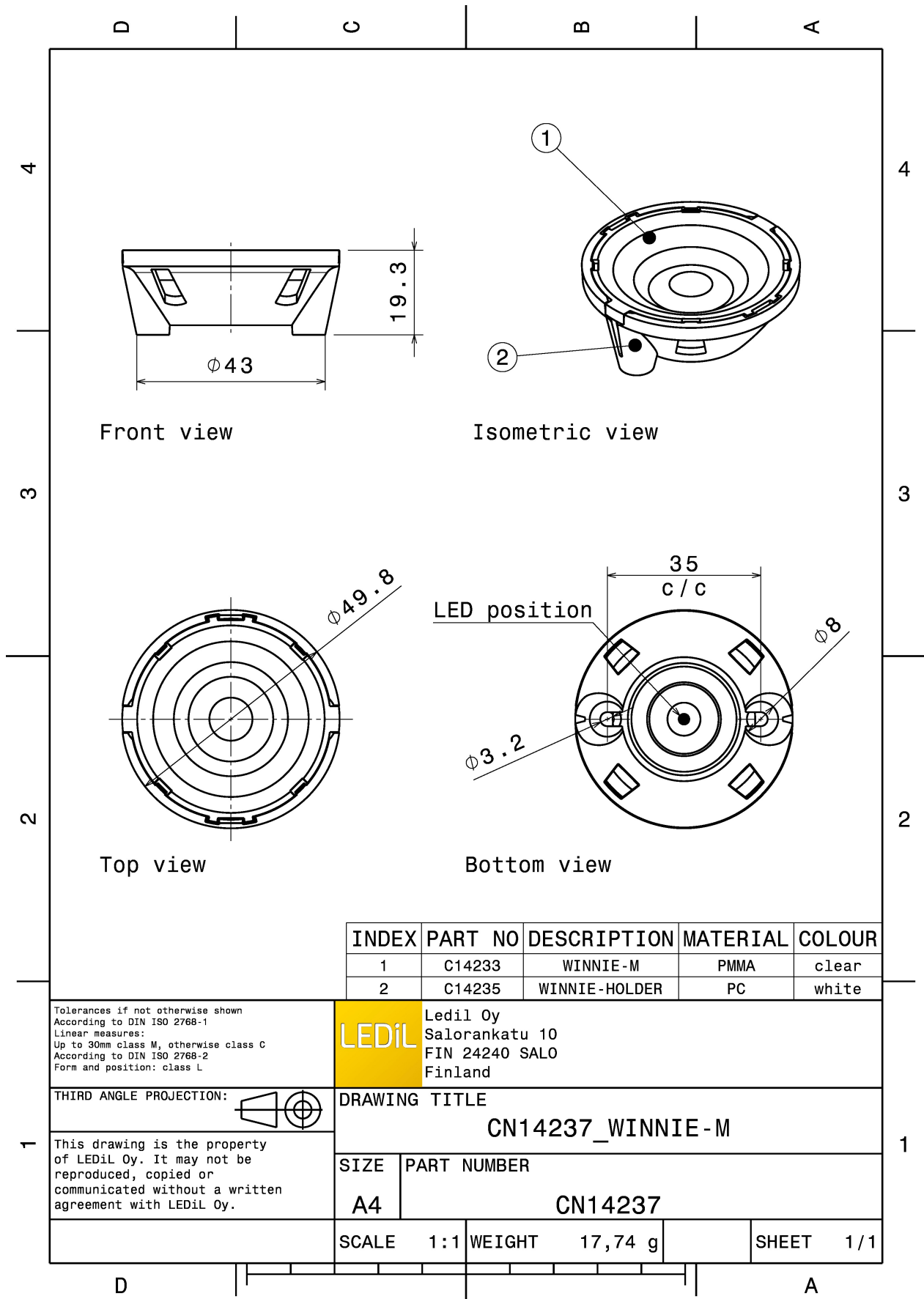


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
WINNIE-M	Single lens	PMMA	clear	
WINNIE-HOLDER	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN14237_WINNIE-M	Single lens	364	84	28	0.0
» Box size:					

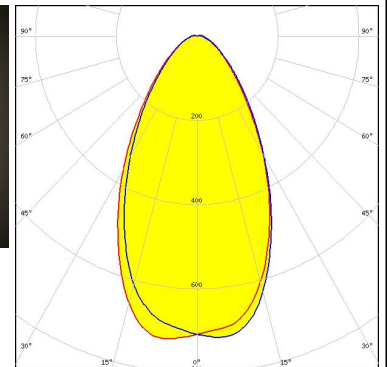
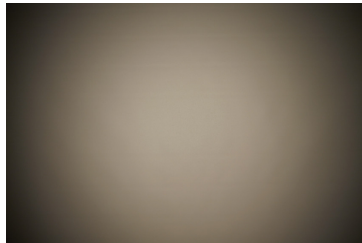


See also our general installation guide: www.ledil.com/installation_guide

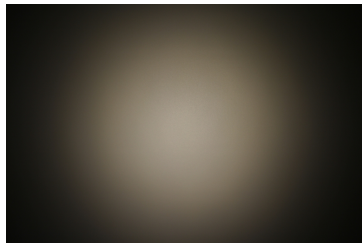
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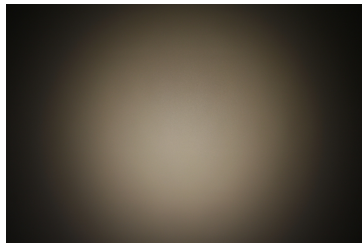
LED V18 Gen6
FWHM / FWTM 58.0° / 113.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



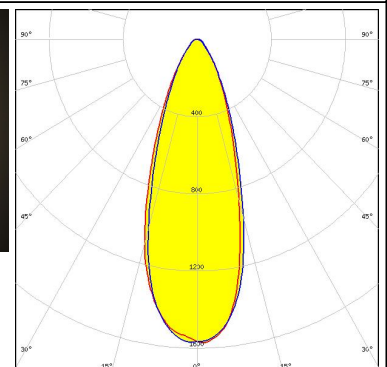
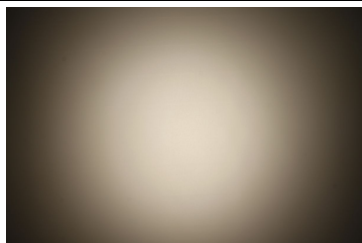
LED V6 Gen6
FWHM / FWTM 27.0° / 58.0°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED V8 Gen6
FWHM / FWTM 31.0° / 70.0°
Efficiency 85 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



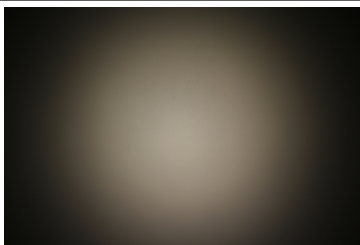
LED VERO10
FWHM / FWTM 36.0° / 74.0°
Efficiency 89 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

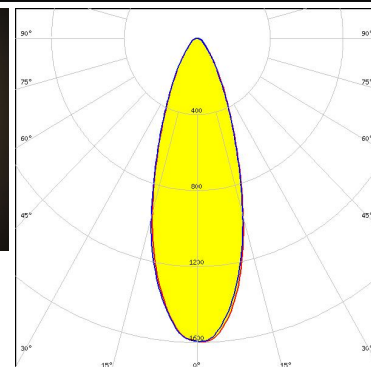
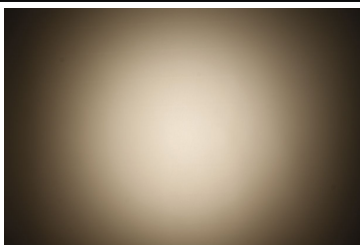
CITIZEN

LED CLL01x
FWHM / FWTM 27.0° / 60.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



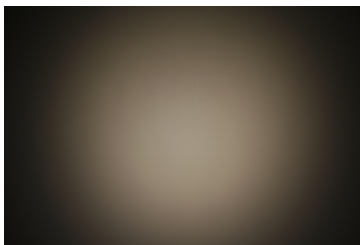
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 35.0° / 72.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L5



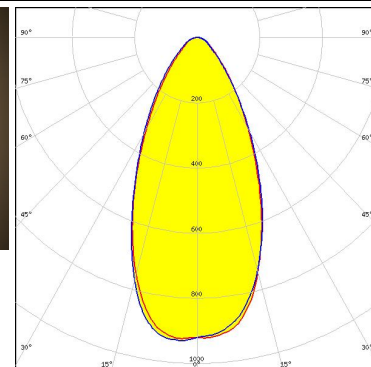
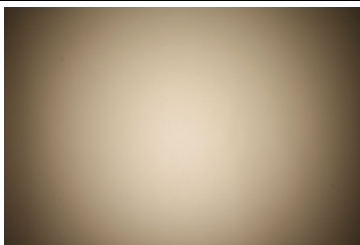
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 35.0° / 72.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CITIZEN

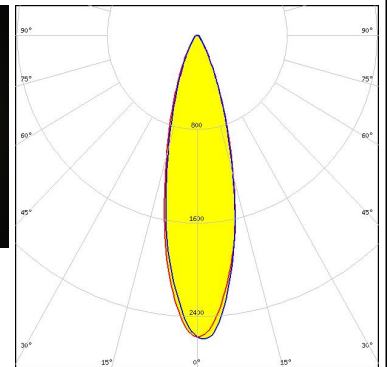
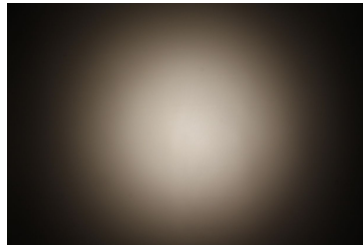
LED CLL03x/CLU03x
FWHM / FWTM 49.0° / 95.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 433 Typ L5



PHOTOMETRIC DATA (MEASURED):

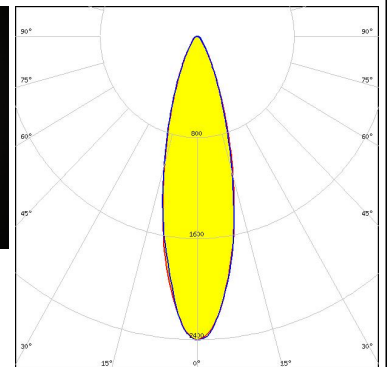
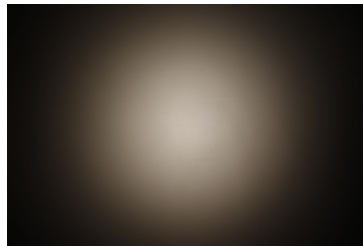
CITIZEN

LED CLU700/701/702
FWHM / FWTM 27.0° / 56.0°
Efficiency 89 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



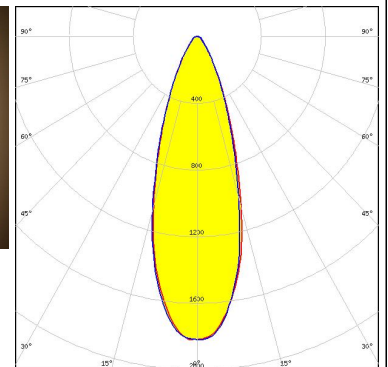
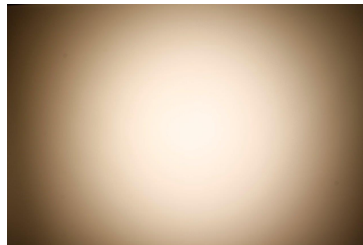
CITIZEN

LED CLU700/701/702
FWHM / FWTM 28.0° / 58.0°
Efficiency 87 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L5



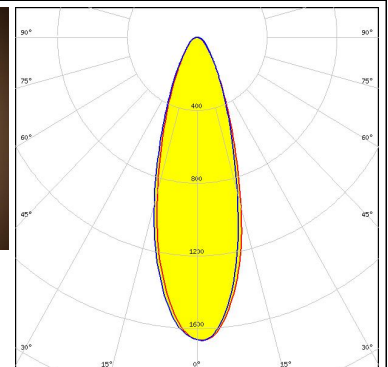
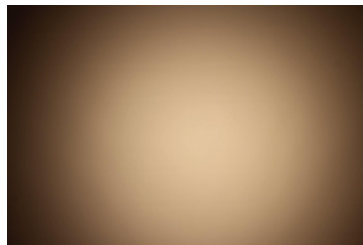
CITIZEN

LED CLU710/711
FWHM / FWTM 33.0° / 67.0°
Efficiency 87 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 470 Typ L5



CITIZEN

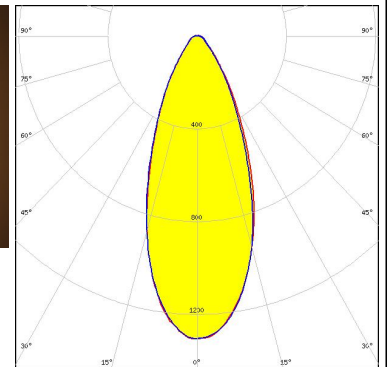
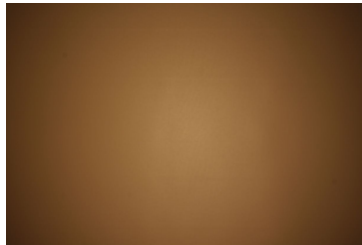
LED CLU710/711
FWHM / FWTM 32.0° / 70.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

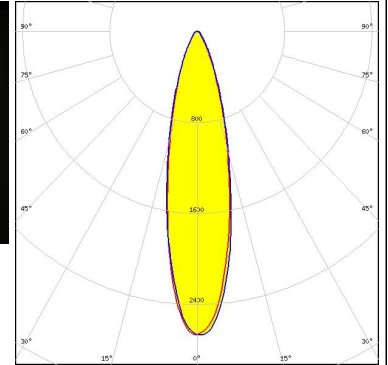
CITIZEN

LED CLU720/721
FWHM / FWTM 41.0° / 80.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 433 Typ L5



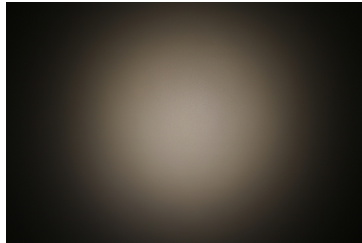
CREE LED

LED CXA/B 13xx
FWHM / FWTM 25.0° / 55.0°
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



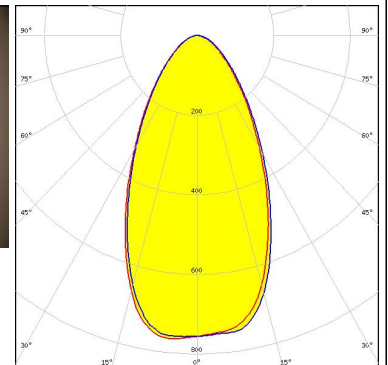
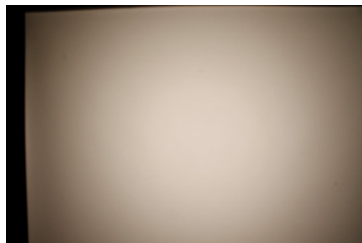
CREE LED

LED CXA/B 13xx
FWHM / FWTM 26.0° / 58.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

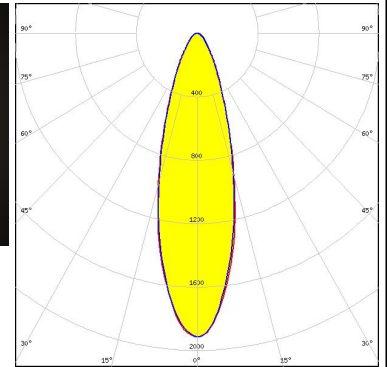
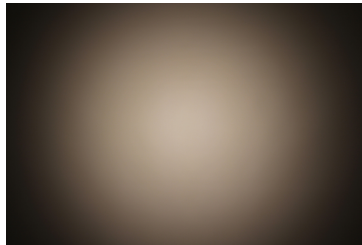
LED CXA/B 25xx
FWHM / FWTM 55.0° / 109.0°
Efficiency 85 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



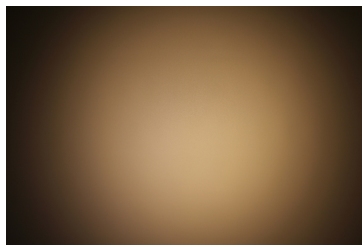
PHOTOMETRIC DATA (MEASURED):



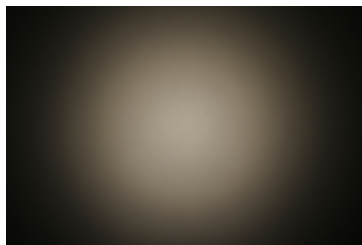
LED MHD-E/G
 FWHM / FWTM 30.0° / 67.0°
 Efficiency 87 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



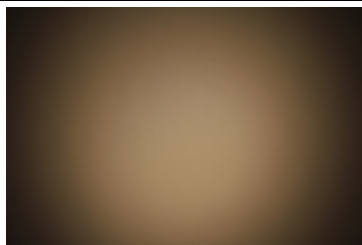
LED LUXEON CoB 1202/1203
 FWHM / FWTM 34.0° / 74.0°
 Efficiency 86 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON CoB 1202s
 FWHM / FWTM 27.0° / 60.0°
 Efficiency 86 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



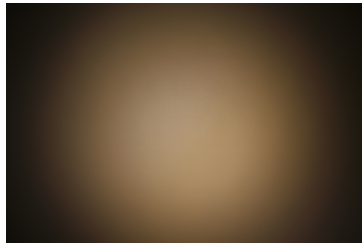
LED CxM-14 (19x19)
 FWHM / FWTM 45.0° / 94.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



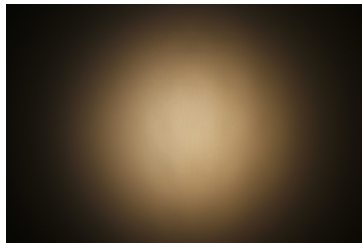
PHOTOMETRIC DATA (MEASURED):



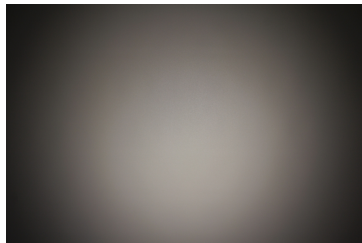
LED CxM-9 (13.5x13.5)
FWHM / FWTM 36.0° / 76.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



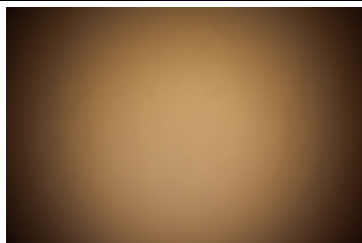
LED Duris S10
FWHM / FWTM 24.0° / 58.0°
Efficiency 88 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Soleriq S13
FWHM / FWTM 41.0° / 88.0°
Efficiency 85 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



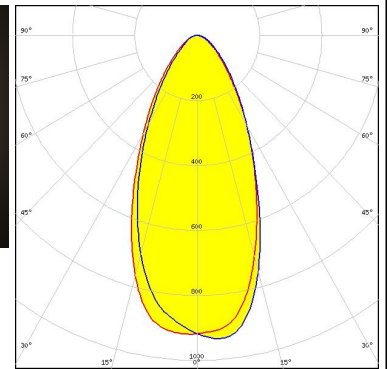
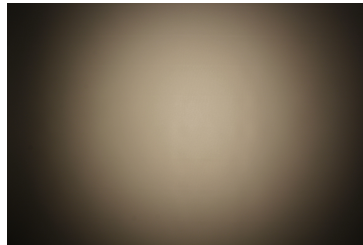
LED Soleriq S19
FWHM / FWTM 55.0° / 104.0°
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

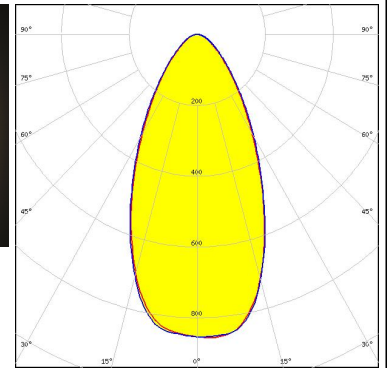
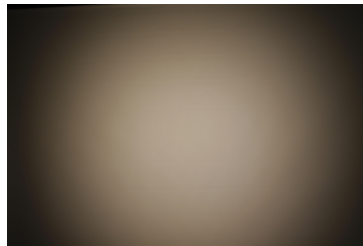
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 48.0° / 98.0°
 Efficiency 85 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



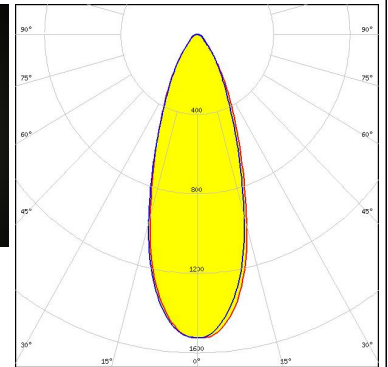
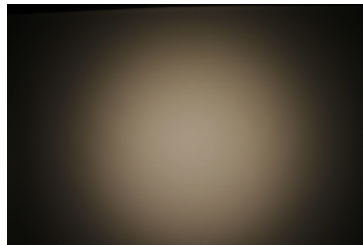
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
 FWHM / FWTM 51.0° / 101.0°
 Efficiency 84 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



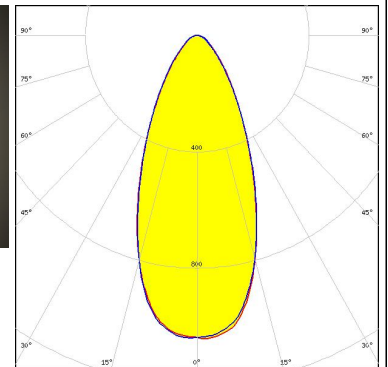
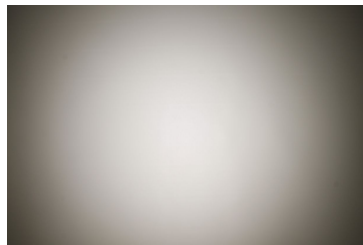
SEOUL SEMICONDUCTOR

LED MJT COB LES 9.8
 FWHM / FWTM 36.0° / 75.0°
 Efficiency 89 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 434 Typ L5



SEOUL SEMICONDUCTOR

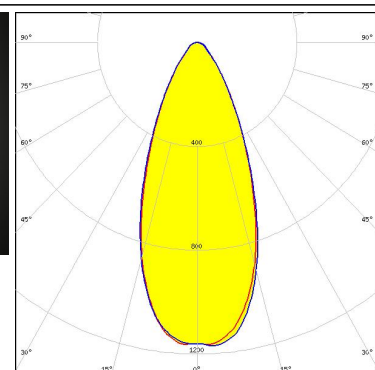
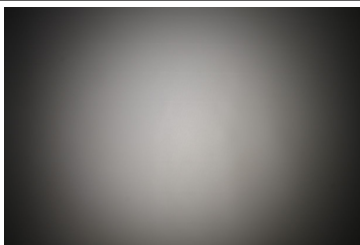
LED ZC12/18
 FWHM / FWTM 46.0° / 91.0°
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L5



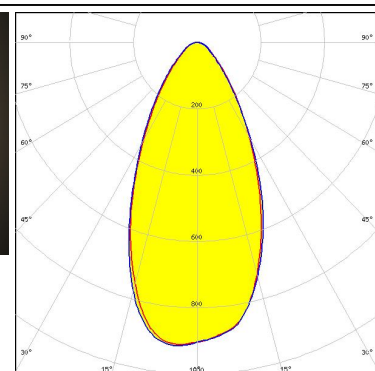
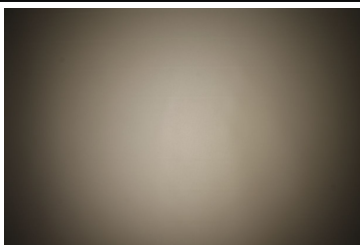
PHOTOMETRIC DATA (MEASURED):



LED DMC 124 / 125
FWHM / FWTM 44.0° / 84.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 433 Typ L5



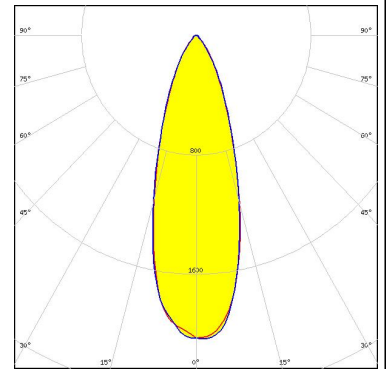
LED DMC 128
FWHM / FWTM 50.0° / 96.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 433 Typ L5



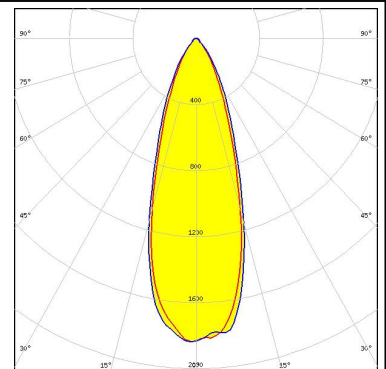
PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 15xx
FWHM / FWTM 33.0° / 68.0°
Efficiency 93 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CoB 1202/1203
FWHM / FWTM 34.0° / 69.0°
Efficiency 89 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 441 Typ L5



LED LUXEON CoB Compact
FWHM / FWTM 27.0° / 60.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED CxM-14 (19x19)
FWHM / FWTM 49.0° / 95.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 433 Typ L5

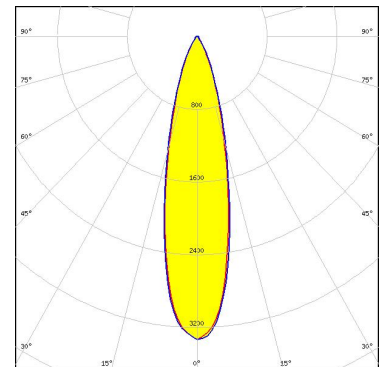
PHOTOMETRIC DATA (SIMULATED):



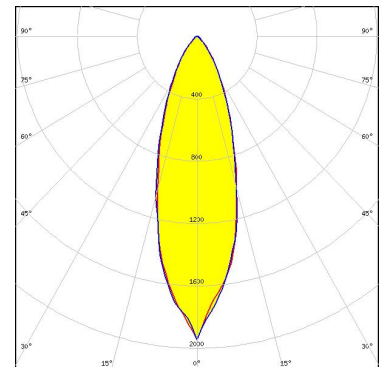
LED CxM-9 (13.5x13.5)
FWHM / FWTM 35.0° / 72.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L5



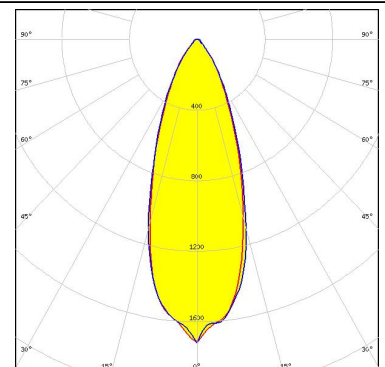
LED COB S-Type (LES 6)
FWHM / FWTM 25.0° / 53.0°
Efficiency 92 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Soleriq S9
FWHM / FWTM 32.0° / 71.0°
Efficiency 90 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



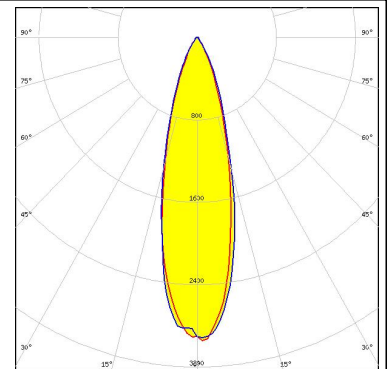
LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 36.0° / 74.0°
Efficiency 92 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

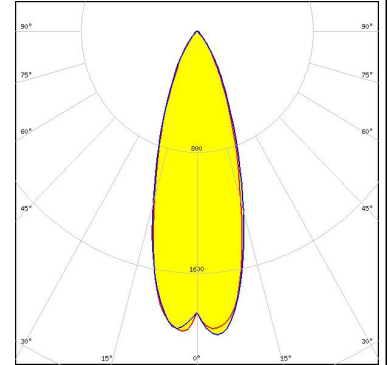
SAMSUNG

LED LC010C
FWHM / FWTM 27.0° / 56.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 479 Typ L5



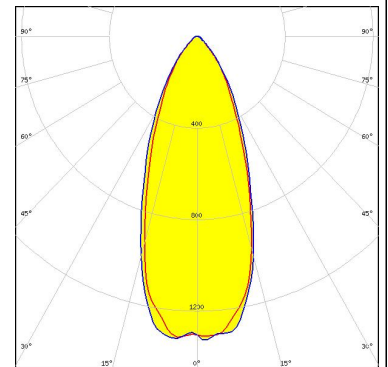
SAMSUNG

LED LC020C
FWHM / FWTM 32.0° / 66.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 479 Typ L5



SAMSUNG

LED LC040C
FWHM / FWTM 40.0° / 82.0°
Efficiency 89 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 479 Typ L5



SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM / FWTM 35.0° / 72.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L5

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:

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