

PRODUCT DATASHEET SAGA-HB-IP-WHT

SAGA-HB-IP-WHT

~60° high bay beam

SPECIFICATION:

Dimensions	Ø 50.0
Height	12 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
C13586_SAGA-HB-IP	Single lens	Silicone	clear		
C13591_SAGA-FRAME-WHT	Holder	HRPC	white		

ORDERING INFORMATION:

Quantities for one set:

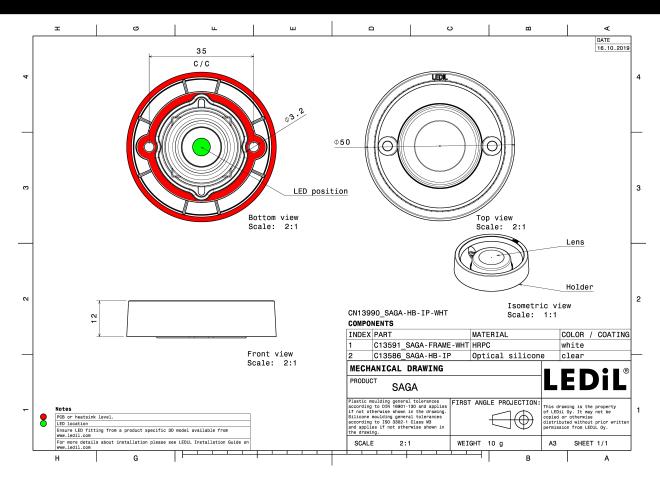
Single lens 1 Holder 1



PRODUCT DATASHEET SAGA-HB-IP-WHT

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C13586_SAGA-HB-IP » Box size: 480 x 280 x 300 mm	Single lens	650	52	26	4.7
C13591_SAGA-FRAME-WHT » Box size: 480 x 280 x 300 mm	Holder	900	52	26	6.5

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

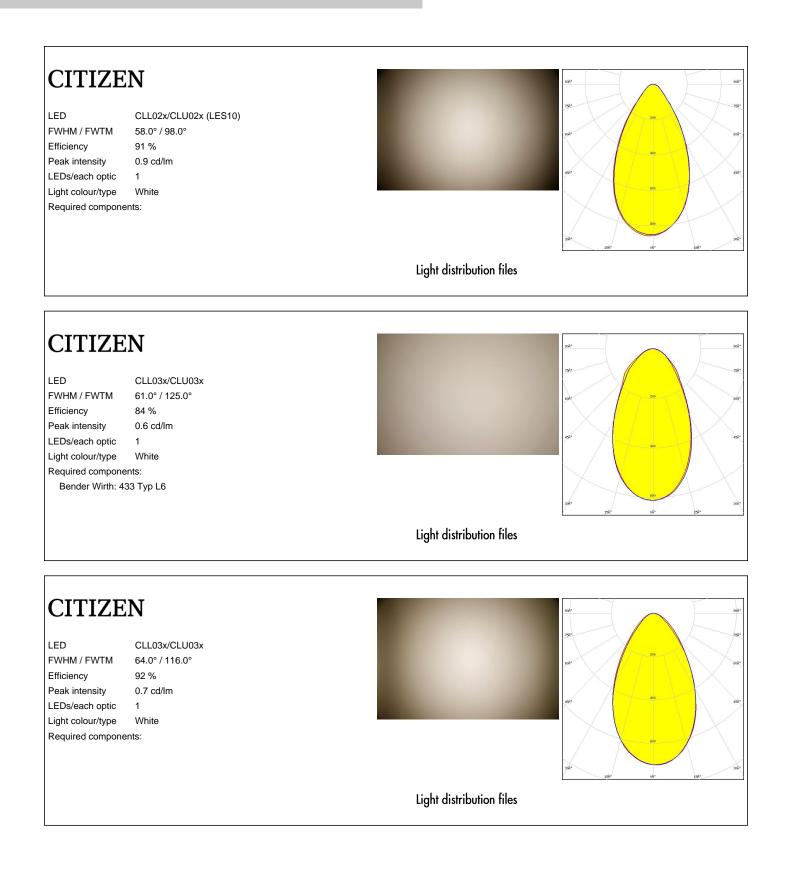


bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen	V10 Gen6 58.0° / 106.0° 89 % 0.8 cd/lm 1 White its:	
		Light distribution files
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component	V6 Gen6 73.0° / 115.0° 88 % 0.6 cd/lm 1 White tts:	Fight distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component	V8 Gen6 66.0° / 109.0° 88 % 0.7 cd/lm 1 White tts:	Light distribution files

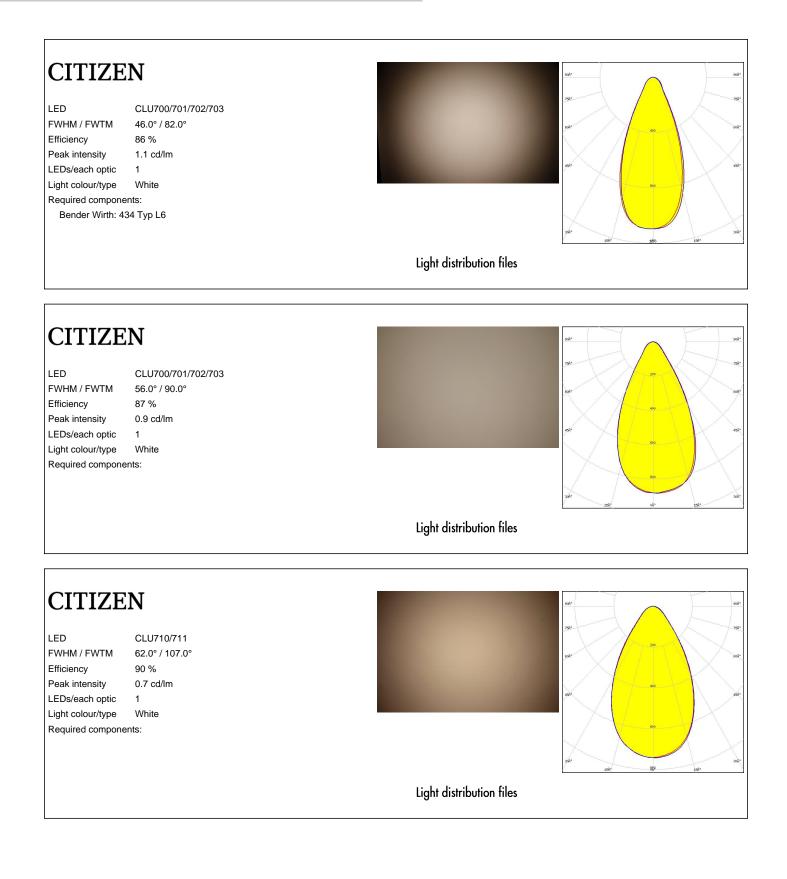


bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	VERO10 58.0° / 101.0° 92 % 0.9 cd/lm 1 White ents:	
		Light distribution files
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	CLL01x 61.0° / 93.0° 92 % 0.8 cd/lm 1 White	999 ¹⁴ 79 ¹⁵ 69 ¹⁴ 69 ¹⁴ 600 600 600 600 600 600 600 600 600 60
		Light distribution files
CITIZE	N	264
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone Bender Wirth: 43		

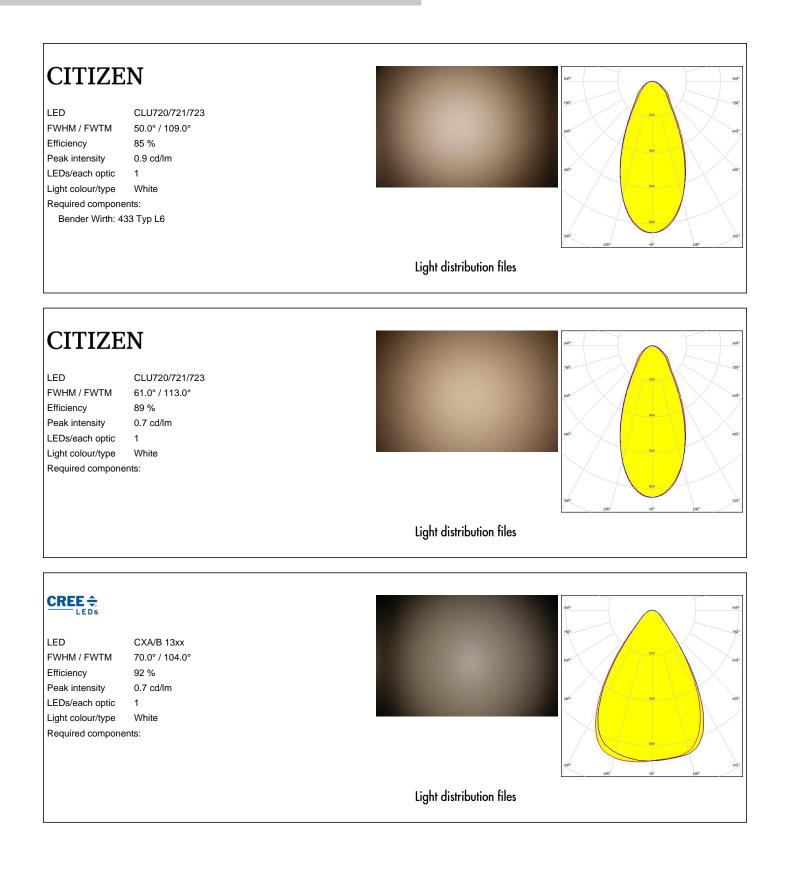




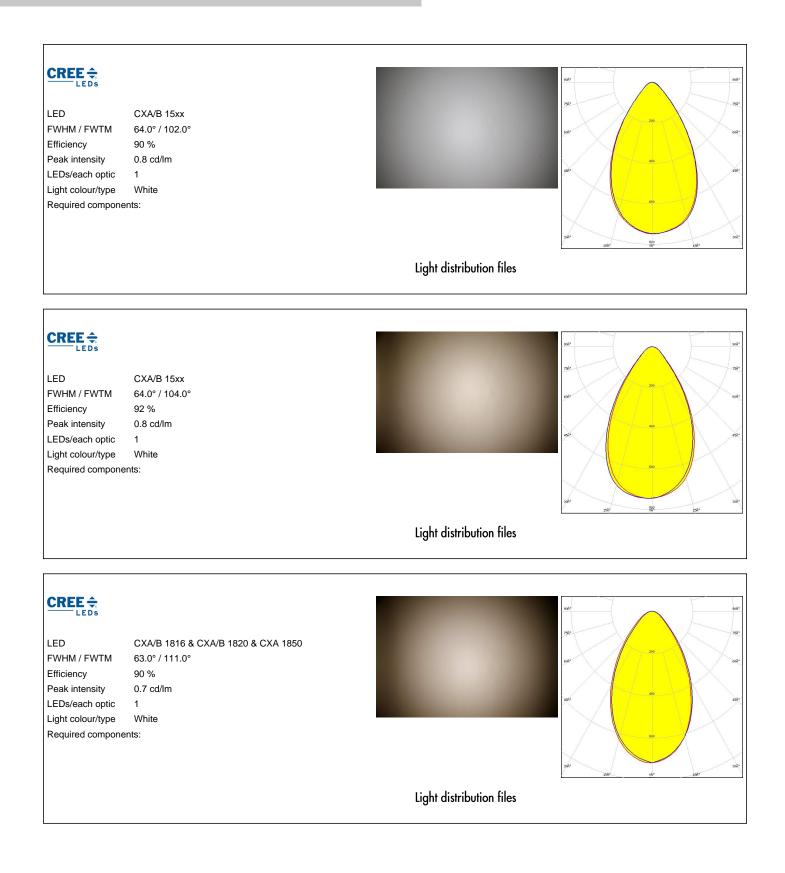




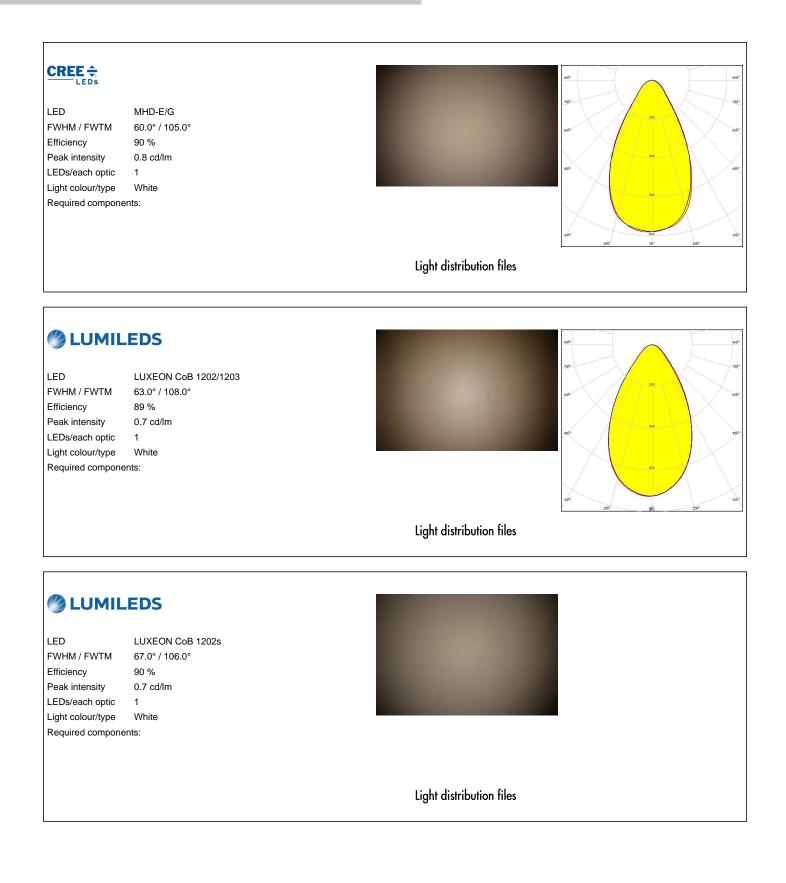




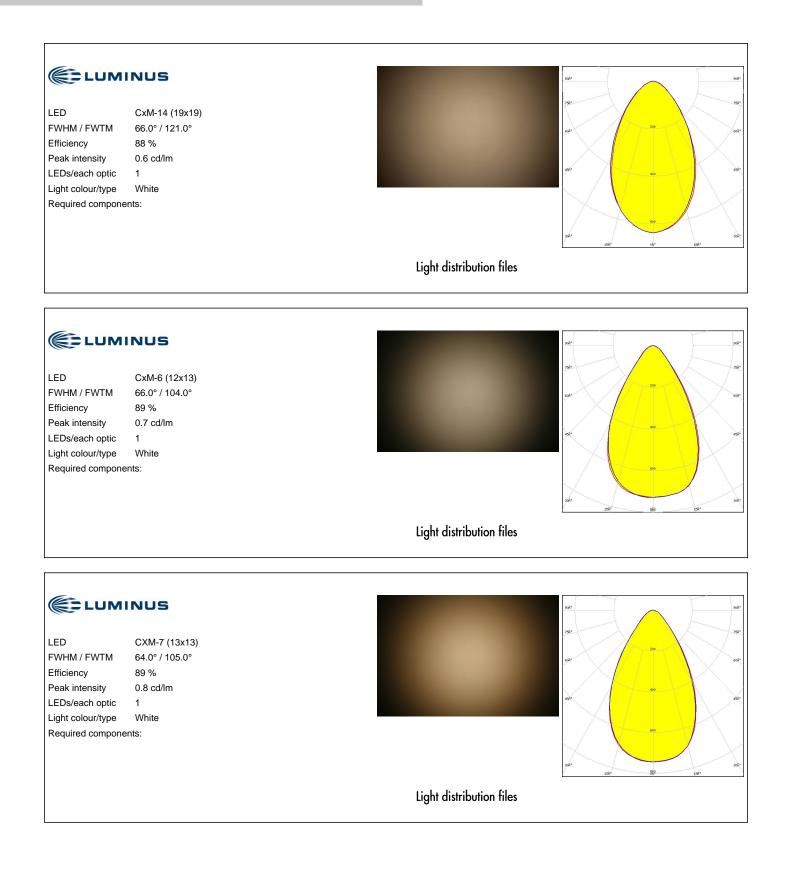




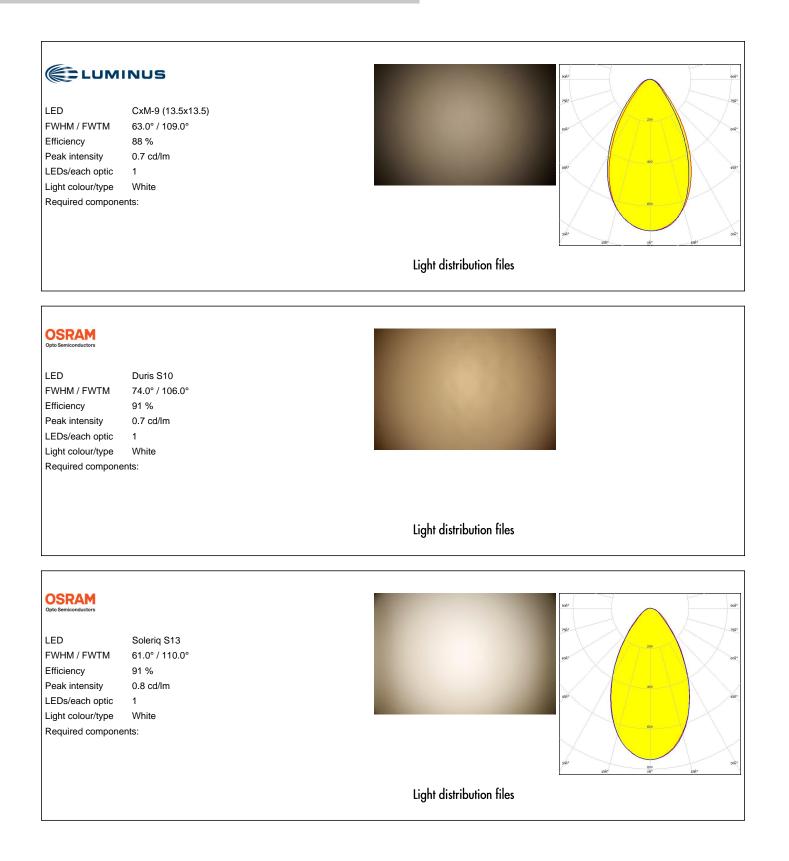














SEOUL SEOUL SEMICONDUCTOR		*60	soñ
LED	MJT COB LES 6	28	758
FWHM / FWTM	46.0° / 79.0°	68* 60	608
Efficiency	87 %		
Peak intensity	1.1 cd/lm		
LEDs/each optic	1		42
Light colour/type	White		
Required compone			
Bender Wirth: 4	34 Тур L6	364* 1200	3
		25% ⁴ 00 ⁴ 25%	
		Light distribution files	
SHA	RP	58'	90
SHA			50
LED	RP Mini Zenigata (GW6BM) 62.0° / 100.0°	58'	
LED FWHM / FWTM	Mini Zenigata (GW6BM)	98 ⁴ 78 ²	
LED FWHM / FWTM Efficiency	Mini Zenigata (GW6BM) 62.0° / 100.0°	98 ⁴ 78 ²	
LED FWHM / FWTM Efficiency Peak intensity	Mini Zenigata (GW6BM) 62.0° / 100.0° 92 %	98 ⁴ 78 ²	J.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Mini Zenigata (GW6BM) 62.0° / 100.0° 92 % 0.8 cd/lm	98 ⁴ 79 ² 68 ⁴ 69	ł
	Mini Zenigata (GW6BM) 62.0° / 100.0° 92 % 0.8 cd/lm 1 White	98 ⁴ 79 ² 68 ⁴ 69	



OPTICAL RESULTS (SIMULATED):

LUXEON CoB Compact LED FWHM / FWTM 67.0° / 106.0° Efficiency Peak intensity LEDs/each optic Light colour/type Required components:

90 % 0.7 cd/lm 1 White

CxM-14 (19x19) LED FWHM / FWTM 61.0° / 125.0° 84 % Efficiency Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components:

Bender Wirth: 433 Typ L6

	NUS		
LED	CxM-9 (13.5x13.5)		
FWHM / FWTM	47.0° / 95.0°		
Efficiency	86 %		
Peak intensity	1 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required component	s:		
Bender Wirth: 434	Тур L6		



OPTICAL RESULTS (SIMULATED):

ΜΝΙCΗΙΛ I FD COB S-Type (LES 7) FWHM / FWTM 64.0° / 84.0° Efficiency 95 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore I FD Soleriq S9 56.0° / 87.0° FWHM / FWTM Efficiency 93 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LC020C FWHM / FWTM 42.0° / 66.0° Efficiency 87 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Bender Wirth: 479 Typ L6 Light distribution files



OPTICAL RESULTS (SIMULATED):

SAMSU	NG	90°
LED	LC040C	
FWHM / FWTM	51.0° / 81.0°	
Efficiency	87 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	50
Required components	:	
		392 3
Bender Wirth: 480	Typ L6	tati ale jate
		Light distribution files
SEQUE		
SEOUL SEMICONDUCTOR		
LED	ZC12/18	
FWHM / FWTM	61.0° / 125.0°	
Efficiency	84 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components	x:	
Bender Wirth: 433	Typ L6	
SECUL) SECUL SEMICONDUCTOR		
LED	ZC4/6	
FWHM / FWTM	47.0° / 95.0°	
Efficiency	86 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components	S:	



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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