

SAGA-HB-IP-WHT

~60° high bay beam

TECHNICAL SPECIFICATIONS:

DimensionsØ 50.0 mmHeight12 mmFasteningscrewROHS compliantyes 1

MATERIAL SPECIFICATIONS:

Component SAGA-HB-IP SAGA-FRAME-WHT

Type Single lens Holder



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Material

Silicone

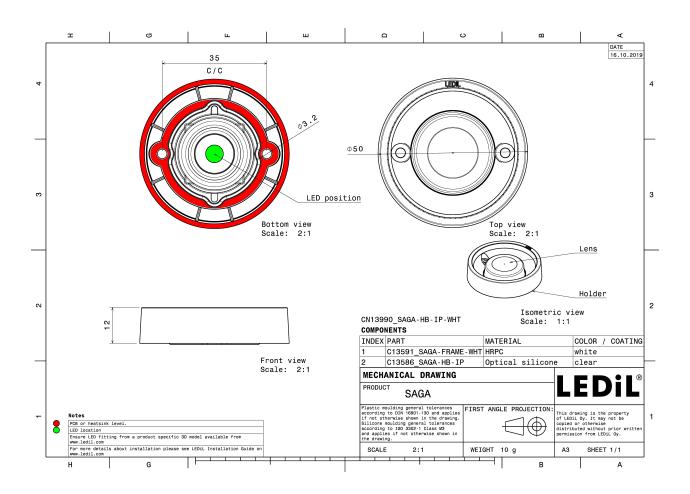
HRPC

Colour clear white Finish

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN13990_SAGA-HB-IP-WHT	Single lens	520		26	0.0

» Box size: 480 x 280 x 300 mm





PHOTOMETRIC DATA (MEASURED):

bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	23 ¹ 600 50 ¹
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	

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PHOTOMETRIC DATA (MEASURED):

CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL01x 61.0° 92 % 0.8 cd/lm 1 White	5° 5° 5° 5° 5° 5° 5° 5° 5° 5°
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL02x/CLU02x (LES10) 58.0° 91 % 0.9 cd/lm 1 White	25° 0° 15° 0° 26° 0° 27° 0° 20° 0°
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLL02x/CLU02x (LES10) 47.0° 86 % 1 cd/lm 1 White hents:	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL03x/CLU03x 64.0° 92 % 0.7 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20

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PHOTOMETRIC DATA (MEASURED):

CITIZE	NT	F T
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLL03x/CLU03x 61.0° 84 % 0.6 cd/lm 1 White hents:	20° 27° 27° 29° 29° 29° 29° 29° 29° 29° 29° 29° 29
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLU700/701/702 56.0° 87 % 0.9 cd/lm 1 White	200 - 200 -
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	CLU700/701/702 46.0° 86 % 1.1 cd/lm 1 White hents:	
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLU710/711 62.0° 90 % 0.7 cd/lm 1 White	100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100

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CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	CLU720/721 61.0° 89 % 0.7 cd/lm 1 White	312 00 00 00 00 00 00 00 00 00 00 00 00 00
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Bender Wirth: 4	CLU720/721 50.0° 85 % 0.9 cd/lm 1 White ents:	27 27 20 20 20 20 20 20 20 20 20 20
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	CXA/B 13xx 70.0° 92 % 0.7 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	CXA/B 15xx 64.0° 92 % 0.8 cd/lm 1 White	30° 30° 30° 30° 30° 30° 30° 30°



PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CXA/B 15xx 64.0° 90 % 0.8 cd/lm 1 White	9°
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CXA/B 1816 & CXA/B 1820 & CXA 1850 63.0° 90 % 0.7 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	MHD-E/G 60.0° 90 % 0.8 cd/lm 1 White	20
CUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON CoB 1202/1203 63.0° 89 % 0.7 cd/lm 1 White	20° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1

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🕐 LUMILI	EDS	
LED	LUXEON CoB 1202s	
FWHM	67.0°	
Efficiency	90 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic		
Light colour	White	
Required compon		
	NUS	90° 90°
LED	CxM-14 (19x19)	250
FWHM	66.0°	
Efficiency	88 %	200 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	97" Acc 400
Required compon		
(e		153 0 ⁰ 35°
		90* 90*
LED	CxM-6 (12x13)	75
FWHM	66.0°	
Efficiency	89 %	50° 50°
Peak intensity	0.7 cd/lm	
LEDs/each optic		400
Light colour	White	43-
Required compon	ents:	
		30* 31*
	NUS	15 ⁵ 9% 15 ⁵
LED	CXM-7 (13x13)	
FWHM	64.0°	75. 75.
Efficiency	89 %	200
	89 % 0.8 cd/lm	60°
Peak intensity		
LEDs/each optic		ar 400
Light colour	White	
Required compon	ents:	
		30° 300 30°
		15° 0° 15°

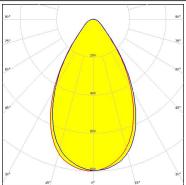


LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-9 (13.5x13.5) 63.0° 88 % 0.7 cd/lm 1 White	90* 90* 97* 25 64 60 ev*
OSRAM Opto Semiconductors LED	Duris S10	34 34 34
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	74.0° 91 % 0.7 cd/lm 1 White	
Osram Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	20 ⁴
SEQUE SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Bender Wirth: 4	White ents:	27 20 20 20 20 20 20 20 20 20 20



SHA	RP
LED	Mini Zenigata (GW6BM)
FWHM	62.0°
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required compor	nents:







PRODUCT DATASHEET

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PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON CoB Compact	
FWHM	67.0°	
Efficiency	90 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

LED	CxM-14 (19x19)	
FWHM	61.0°	
Efficiency	84 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
Bender Wirth: 433 Typ L6		

LED	CxM-9 (13.5x13.5)	
FWHM	47.0°	
Efficiency	86 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
Bender Wirth: 434	Typ L6	

ØNICHIA		50° 50'
LED	NCSU334A	77 77
FWHM	62.0°	607 607
Efficiency	76 %	
LEDs/each optic	1	
Light colour	UV	g*
Required compone	nts:	120



PHOTOMETRIC DATA (SIMULATED):

OSRAM		
Opto Semiconductors		9 ³
LED	Soleriq S9	75-
FWHM	56.0°	
Efficiency	93 %	602 600
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	4°*
Required compone	nts:	
		30 ⁴ 35 ³ 0 ⁴ 35 ⁴
SAMSU	NG	5) ⁴
LED	LC020C	
FWHM	42.0°	29
Efficiency	42.0 87 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	er en
Required compone		
Bender Wirth: 479 Typ L6		
Dender Witth. 47	этур со	
		30 ⁴ 30 ⁴ 12 ⁵ 0 ⁴ 12 ⁵
SAMSU	NG	50°
LED	LC040C	
FWHM	51.0°	75
Efficiency	87 %	
Peak intensity	1.1 cd/lm	69 ⁴
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 480 Typ L6		
2011001 111111 10		
		304 350
SEOUL		332 0 132
SEOUL SEMICONDUCTOR		
LED	ZC12/18	
FWHM	61.0°	
Efficiency	84 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 43	3 Тур L6	



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PHOTOMETRIC DATA (SIMULATED):

SEOUL			
SEOUL SEMICONDUCTOR			
LED	ZC4/6		
FWHM	47.0°		
Efficiency	86 %		
Peak intensity	1 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
Bender Wirth: 434 Typ L6			



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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LEDiL Oy

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