

SAGA-HB-IP-WHT

~60° high bay beam

SPECIFICATION:

Dimensions Ø 50.0 mm

Height 12 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialColourFinishC13586_SAGA-HB-IPSingle lensSiliconeclearC13591_SAGA-FRAME-WHTHolderHRPCwhite

ORDERING INFORMATION:

Quantities for one set:

Single lens 1
Holder 1

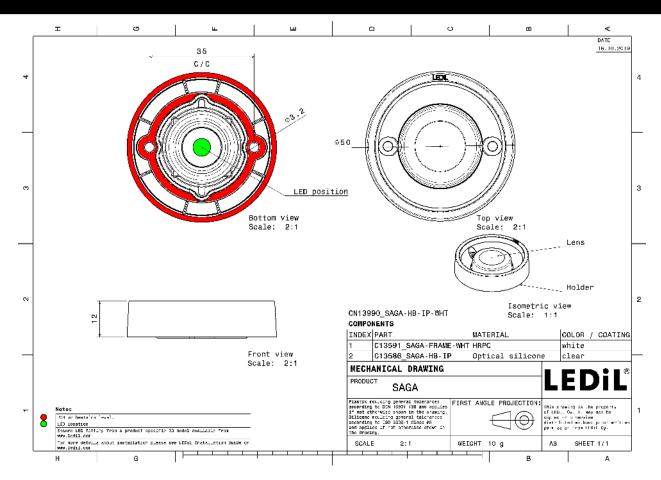


PRODUCT DATASHEET SAGA-HB-IP-WHT

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



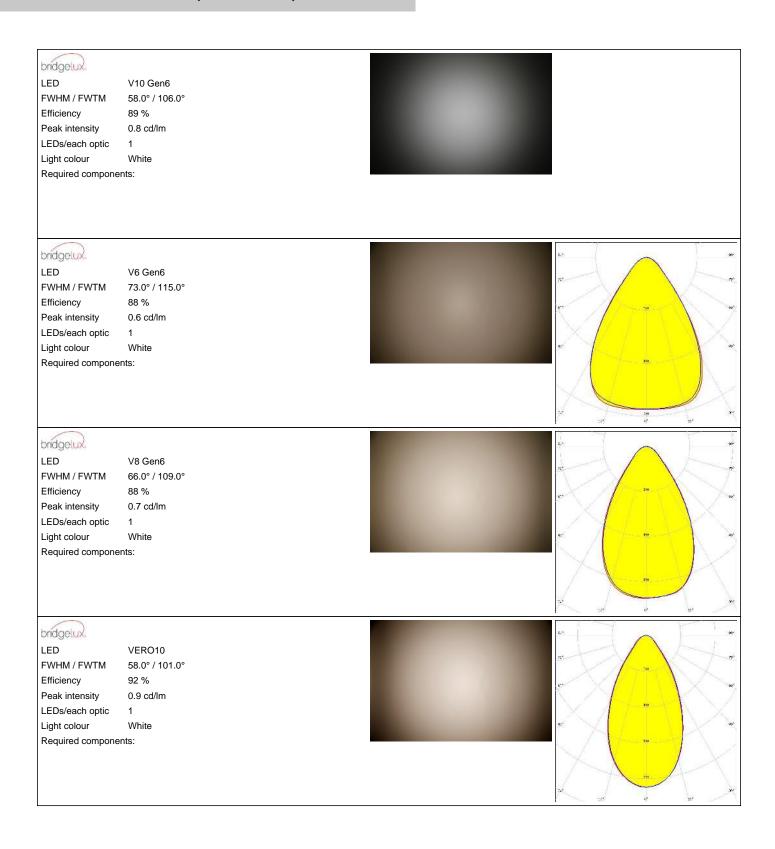
PRODUCT DATASHEET SAGA-HB-IP-WHT



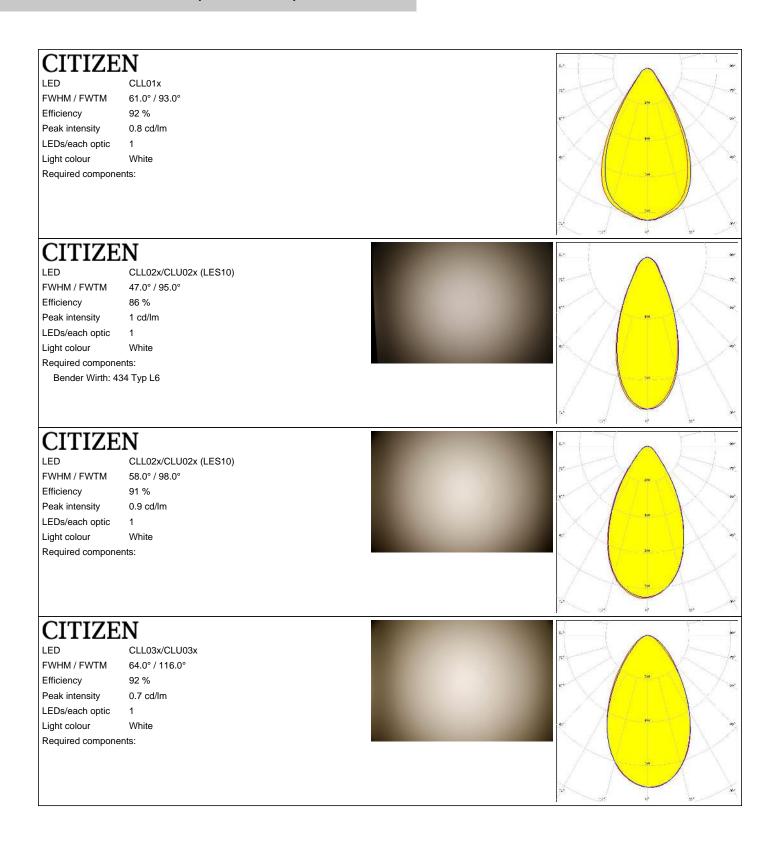
See also our general installation guide: www.ledil.com/installation_guide

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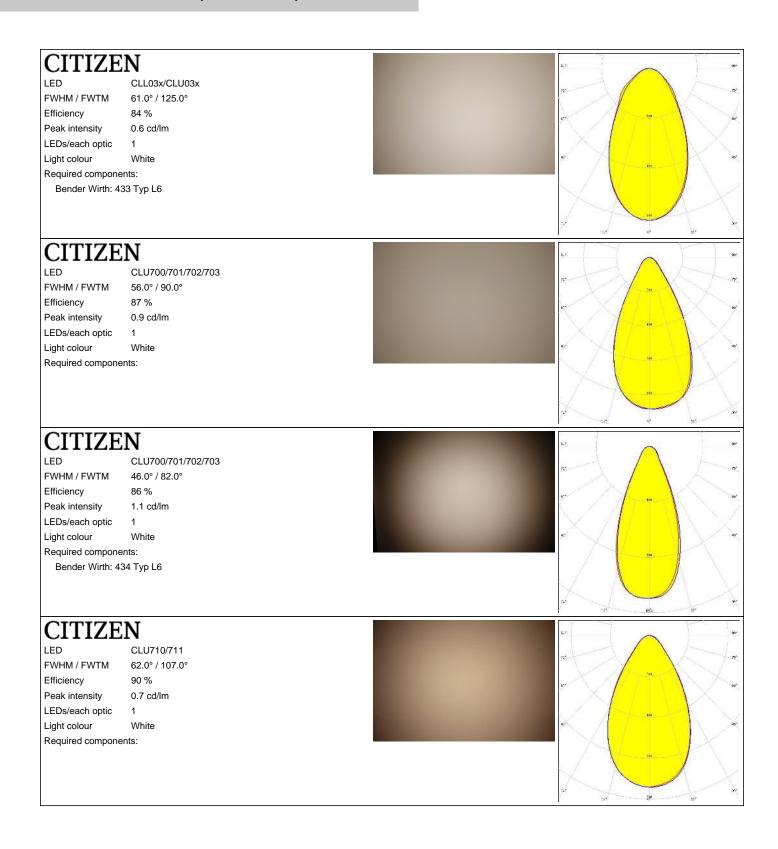




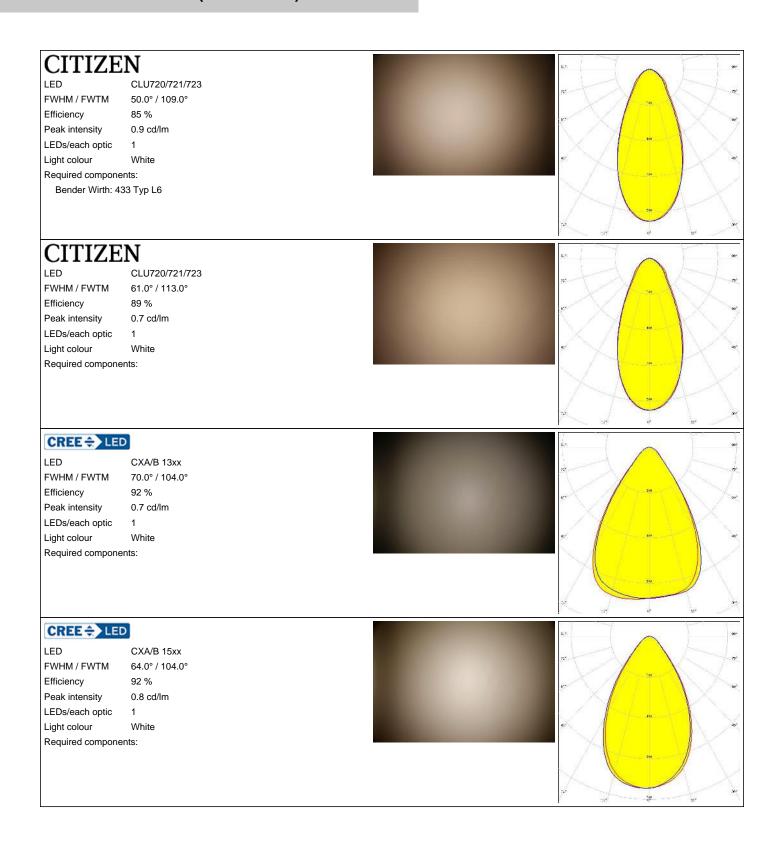




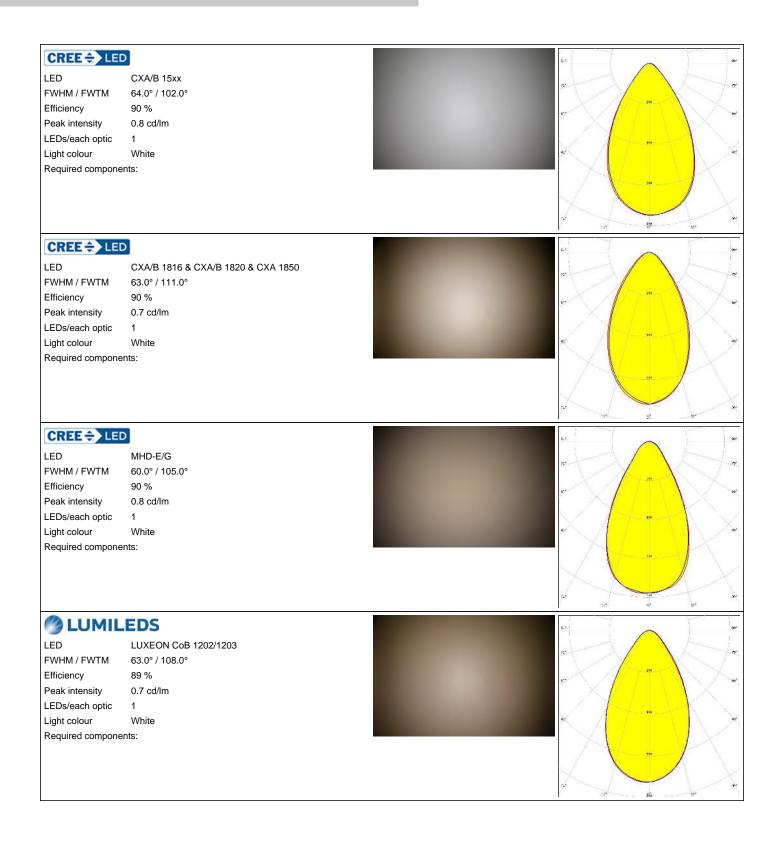




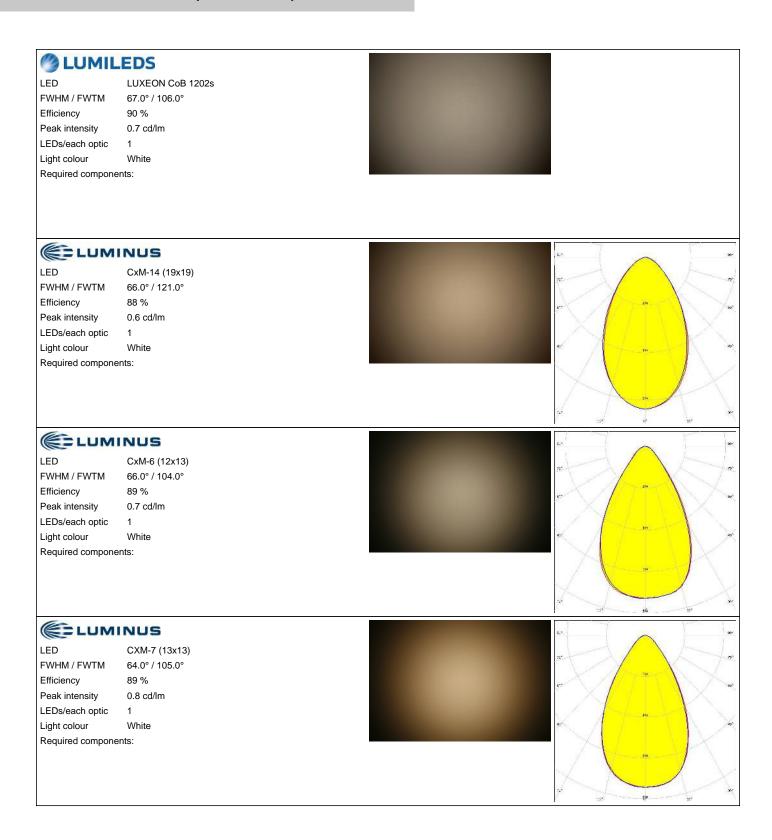




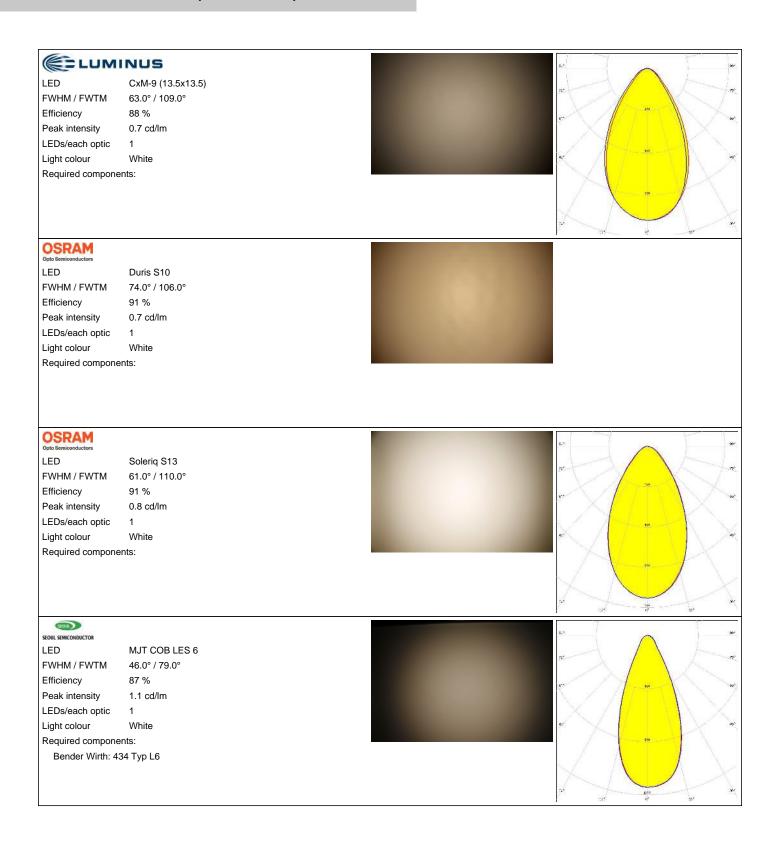




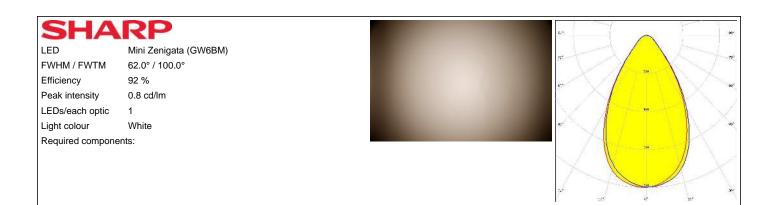














OPTICAL RESULTS (SIMULATED):

BLUMILEDS

LED LUXEON CoB Compact

FWHM / FWTM 67.0° / 106.0°

Efficiency 90 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:

ELUMINUS

 LED
 CxM-14 (19x19)

 FWHM / FWTM
 61.0° / 125.0°

 Efficiency
 84 %

 Peak intensity
 0.6 cd/lm

 LEDs/each optic
 1

Light colour White Required components: Bender Wirth: 433 Typ L6

ELUMINUS

 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 White

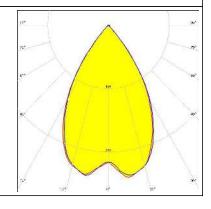
Required components: Bender Wirth: 434 Typ L6

WNICHIA

Required components:

LED COB S-Type (LES 7)

FWHM / FWTM 64.0° / 84.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White





OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED Soleriq S9

FWHM / FWTM 56.0° / 87.0°

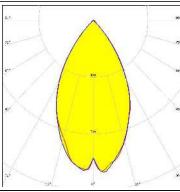
Efficiency 93 %

Peak intensity 1.1 cd/lm

LEDs/each optic

Light colour White

Required components:



SAMSUNG

LED LC020C

FWHM / FWTM 42.0° / 66.0°

Efficiency 87 %

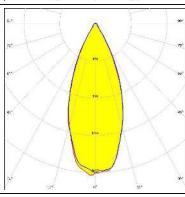
Peak intensity 1.6 cd/lm

LEDs/each optic 1

White Light colour

Required components:

Bender Wirth: 479 Typ L6



SAMSUNG

LC040C

FWHM / FWTM 51.0° / 81.0°

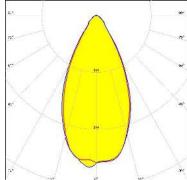
Efficiency 87 %

Peak intensity 1.1 cd/lm

LEDs/each optic Light colour White

Required components:

Bender Wirth: 480 Typ L6





LED

ZC12/18

FWHM / FWTM 61.0° / 125.0°

Efficiency 84 % Peak intensity

0.6 cd/lm

LEDs/each optic

Required components:

White Light colour

Bender Wirth: 433 Typ L6



OPTICAL RESULTS (SIMULATED):



LED

ZC4/6

FWHM / FWTM

47.0° / 95.0°

Efficiency

86 %

Peak intensity

1 cd/lm

LEDs/each optic

Light colour

White

Required components:

Bender Wirth: 434 Typ L6

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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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