HB-SQ-WWW

~90° beam. Assembly with installation tape.

SPECIFICATION:

Dimensions 25.0 x 25.0 mm

Height 10 mm

Fastening tape, pin

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishHB-SQ-WWWSingle lensPMMAclearROSE-TAPETapeAcrylic foamblack

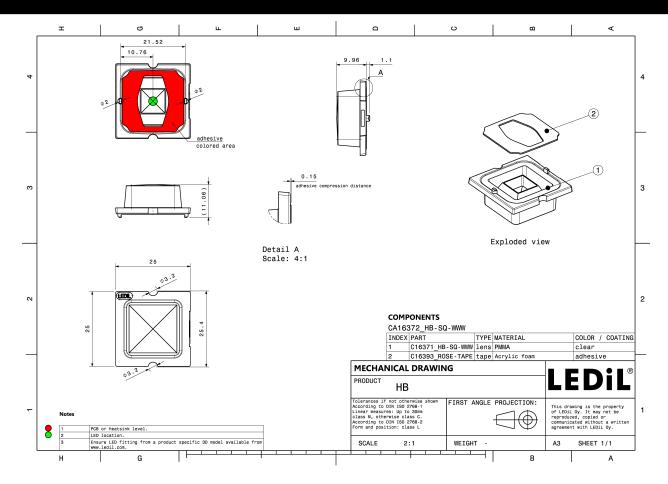
ORDERING INFORMATION:

» Box size: 480 x 280 x 300 mm

ComponentQty in boxMOQMPQBox weight (kg)CA16372_HB-SQ-WWWSingle lens2058294988.9



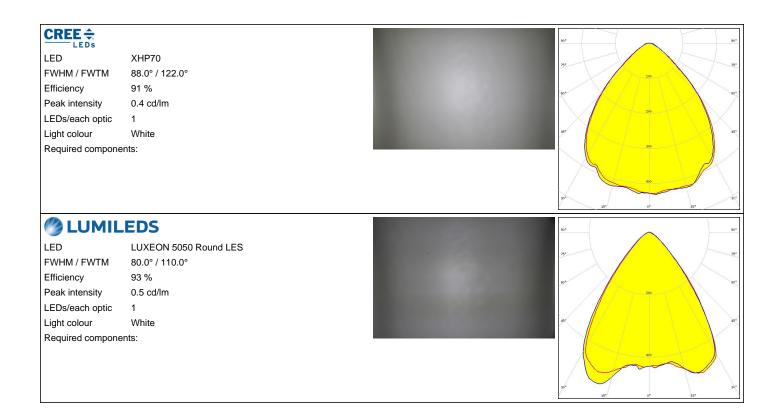
PRODUCT DATASHEET CA16372_HB-SQ-WWW



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



OPTICAL RESULTS (MEASURED):





bridgelux

LED Bridgelux SMD 5050

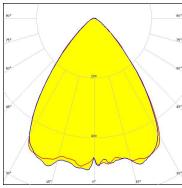
 FWHM / FWTM
 77.0° / 108.0°

 Efficiency
 93 %

 Peak intensity
 0.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE +

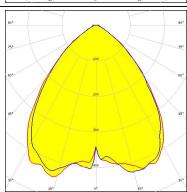
LED MHD-E/G

FWHM / FWTM 85.5° / 120.0° Efficiency 91 %

White

Peak intensity 0.5 cd/lm LEDs/each optic 1

Required components:



CREE &

Light colour

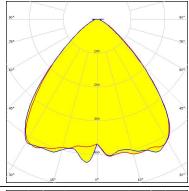
LED XHP50.2

FWHM / FWTM 86.0° / 120.0°

Efficiency 93 %
Peak intensity 0.4 cd/lm

LEDs/each optic 1 Light colour White

Required components:



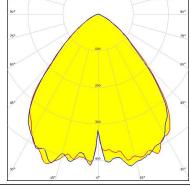
CREE -

LED XHP70.2

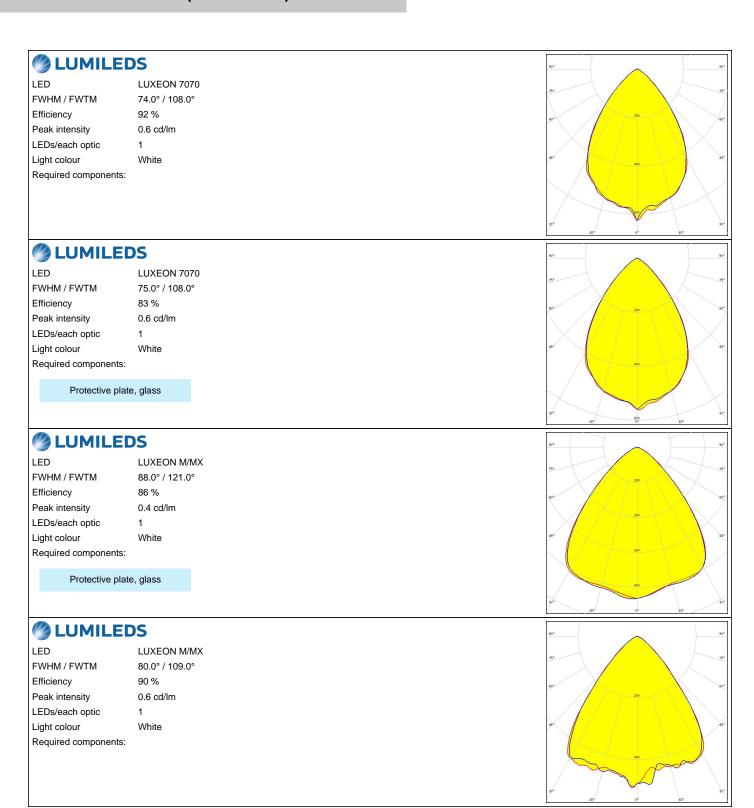
FWHM / FWTM 85.0° / 119.0 + 120.0°

Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:











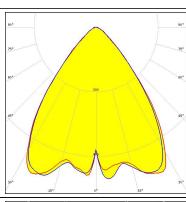
LED LUXEON MZ FWHM / FWTM 77.0° / 107.0°

Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:



MUMILEDS

LED LUXEON V

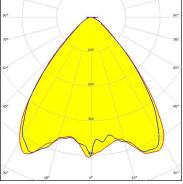
FWHM / FWTM 81.0° / 111.0°

Efficiency 92 %

Peak intensity 0.5 cd/lm LEDs/each optic 1

Light colour White

Required components:



WNICHIA

LED NV4x144A

FWHM / FWTM 86.0° / 121.0°

1

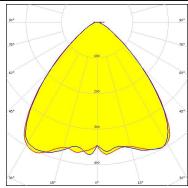
Efficiency 90 %

Peak intensity 0.4 cd/lm

Light colour White

Required components:

LEDs/each optic



OSRAM

LED Duris S10

FWHM / FWTM 74.0° / 107.0°

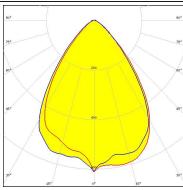
Efficiency 95 %

Peak intensity 0.6 cd/lm

Light colour White

Required components:

LEDs/each optic





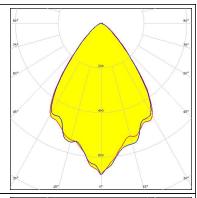
OSRAM

LED OSCONIQ C 2424

FWHM / FWTM 74.0 + 73.0° / 104.0 + 105.0°

Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White

Required components:



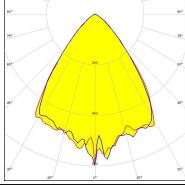
OSRAM

LED

OSCONIQ P 7070 FWHM / FWTM 75.0° / 105.0 + 103.0°

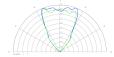
Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour

Required components:

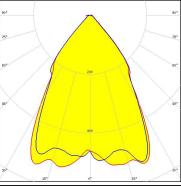


OSRAM Opto Semiconductors

LED SFH 4715AS $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 65.0° / 93.0° Efficiency 94 % LEDs/each optic 1 Light colour IR Required components:



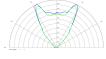




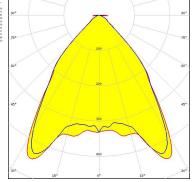
OSRAM

SFH 4716AS FWHM / FWTM 76.0° / 100.0° Efficiency 93 %

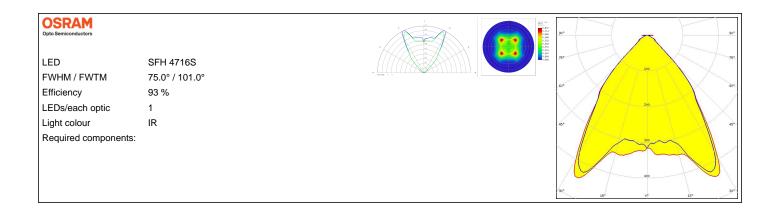
LEDs/each optic 1 Light colour IR Required components:













PRODUCT DATASHEET CA16372 HB-SQ-WWW

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.

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.

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