

HB-IP-24-M

~30° wide beam.

SPECIFICATION:

Dimensions 173.0 x 71.4 Height 10 mm Fastening pin, screw Ingress protection classes IP66, IP67 yes 🕕 **ROHS** compliant



MATERIALS:

Type **Finish** Component Material Colour Length (mm) HB-IP-24-M Multi-lens **PMMA** clear STRADA-IP-24-SEAL Seal Silicone white

ORDERING INFORMATION:

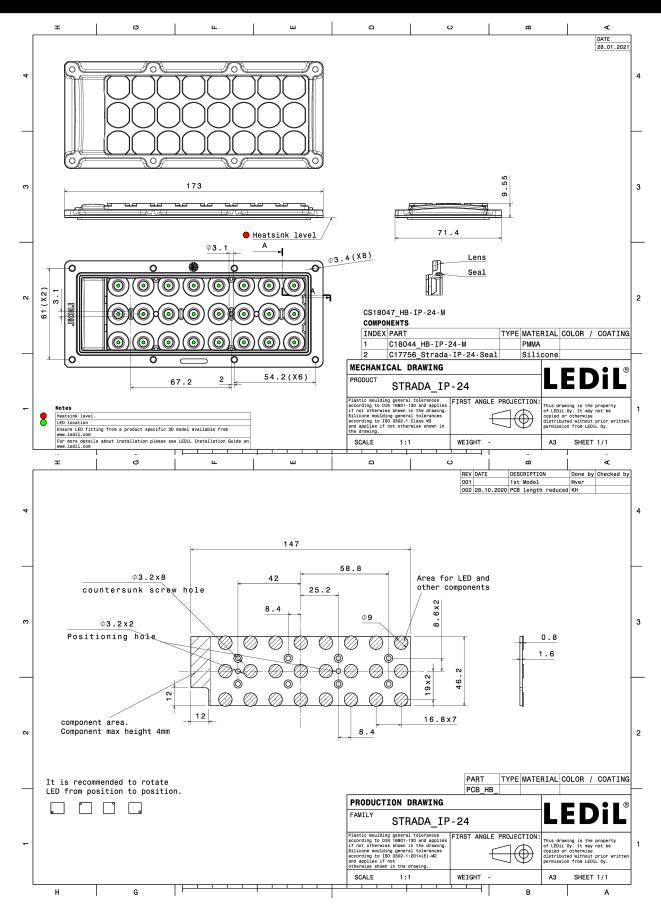
Component Qty in box MOQ MPQ Box weight (kg)

CS18047_HB-IP-24-M 120 120 40 7.0

» Box size: 476 x 273 x 247 mm



PRODUCT DATASHEET CS18047_HB-IP-24-M



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

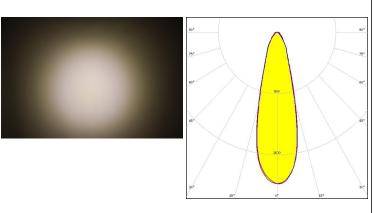


OPTICAL RESULTS (MEASURED):

AUDAX III

LED LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5

FWHM / FWTM 29.0° / 68.0°
Efficiency 96 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

DESCRIPTION

LED LUXEON 5050 HE
FWHM / FWTM 26.0° / 62.0°

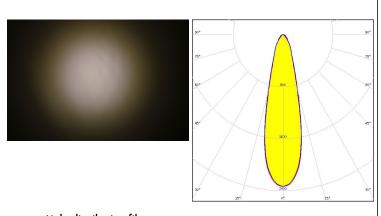
Efficiency 96 %

Peak intensity 2.3 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

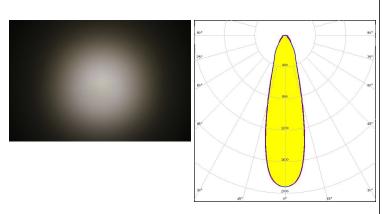


Light distribution files

MILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM 29.0° / 68.0°
Efficiency 95 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

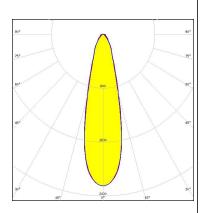


OPTICAL RESULTS (MEASURED):

DESCRIPTION

LED LUXEON XR-5050 HE (L225-xxxx024MLU010)

FWHM / FWTM 27.0° / 64.0°
Efficiency 97 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

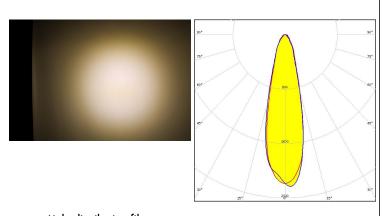


Light distribution files

SAMSUNG

LED HiLOM RM24 ZP (LH502D)

FWHM / FWTM 27.0° / 65.0°
Efficiency 97 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

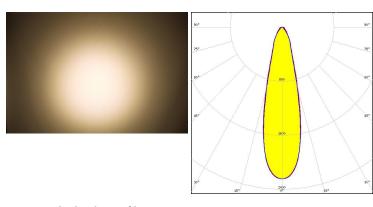


Light distribution files

SCIOLUX

LED CHI-VP-10K5-740-36

FWHM / FWTM 27.0° / 63.0°
Efficiency 95 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



OPTICAL RESULTS (MEASURED):



LED CHIEC-VE-11K4-740-48

FWHM / FWTM 28.0° / 65.0°

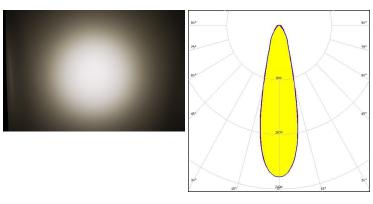
Efficiency 97 %

Peak intensity 2.2 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

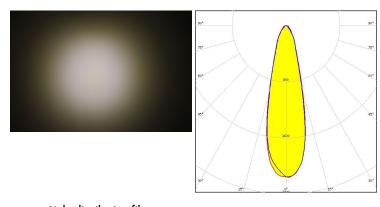


Light distribution files

TRIDONIC

LED RLE 3x8 6000lm HP HE EXC3 OTD

FWHM / FWTM 28.0° / 65.0°
Efficiency 97 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



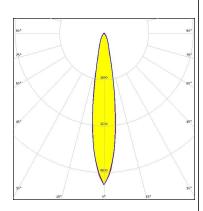
Light distribution files



CREE \$

LED J Series 3030
FWHM / FWTM 18.0° / 38.0°
Efficiency 95 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



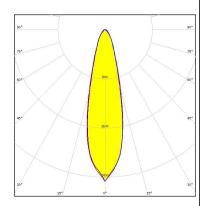
Light distribution files

CREE \$

LED J Series 5050C 6V E Class

FWHM / FWTM 27.0° / 60.0°
Efficiency 96 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White

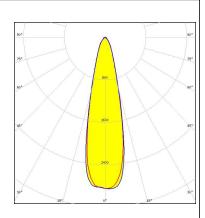
Required components:



Light distribution files

CREE -

LED XP-G3
FWHM / FWTM 26.0° / 54.0°
Efficiency 95 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files





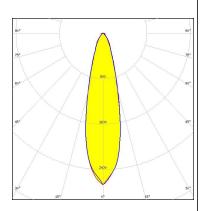
LED LUXEON 5050 HE FWHM / FWTM 26.0° / 57.0°

Efficiency 95 %
Peak intensity 2.7 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



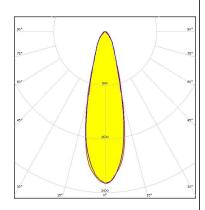
Light distribution files



LED LUXEON 5050 Round LES

FWHM / FWTM 28.0° / 64.0°
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

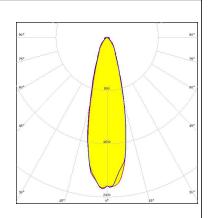


Light distribution files



LED LUXEON 5050 Square LES

FWHM / FWTM 28.0° / 64.0°
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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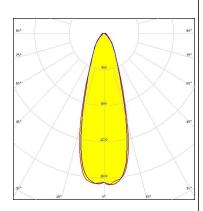




LED RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2

FWHM / FWTM 33.0° / 74.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

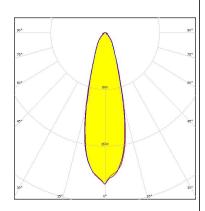


Light distribution files

WNICHIA

LED NFMW48xA
FWHM / FWTM 30.0° / 66.0°
Efficiency 96 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White

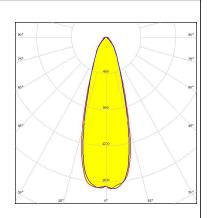
Required components:



Light distribution files

OSRAM Onto Semiconductors

LED Duris S8
FWHM / FWTM 33.0° / 74.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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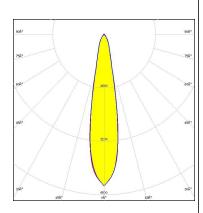


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 20.0° / 44.0°
Efficiency 96 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



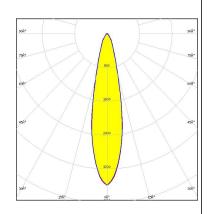
Light distribution files

OSRAM Opto Semiconductore

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 24.0° / 48.0°
Efficiency 96 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

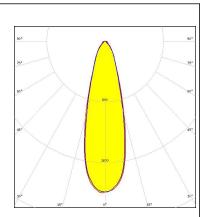


Light distribution files

SAMSUNG

LED HILOM RM24 ZP (LH502C)

FWHM / FWTM 30.0° / 68.0°
Efficiency 95 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



SAMSUNG

LFD LH502C FWHM / FWTM 30.0° / 68.0° Efficiency 95 % Peak intensity 2 cd/lm LEDs/each optic Light colour/type White

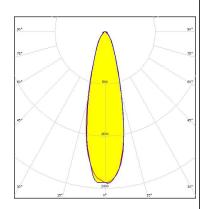
Light distribution files

SAMSUNG

Required components:

LH502D LFD 28.0° / 62.0° FWHM / FWTM Efficiency 96 % 2.4 cd/lm Peak intensity LEDs/each optic Light colour/type White

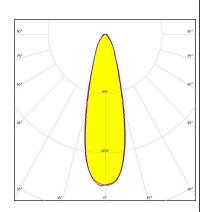
Required components:



Light distribution files

SAMSUNG

LH508C FWHM / FWTM 29.0° / 67.0° Efficiency 95 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour/type White Required components:



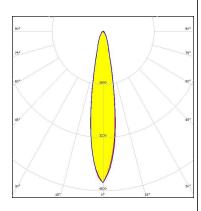
Light distribution files



SAMSUNG

LED LM301D
FWHM / FWTM 18.0° / 42.0°
Efficiency 95 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED SEOUL DC 5050 6V

FWHM / FWTM 31.0° / 70.0°

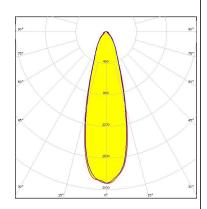
Efficiency 95 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files

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PRODUCT DATASHEET CS18047_HB-IP-24-M

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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