

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
ROHS compliant	yes 🛈



PRODUCT DATASHEET CS18047_HB-IP-24-M

MATERIALS:

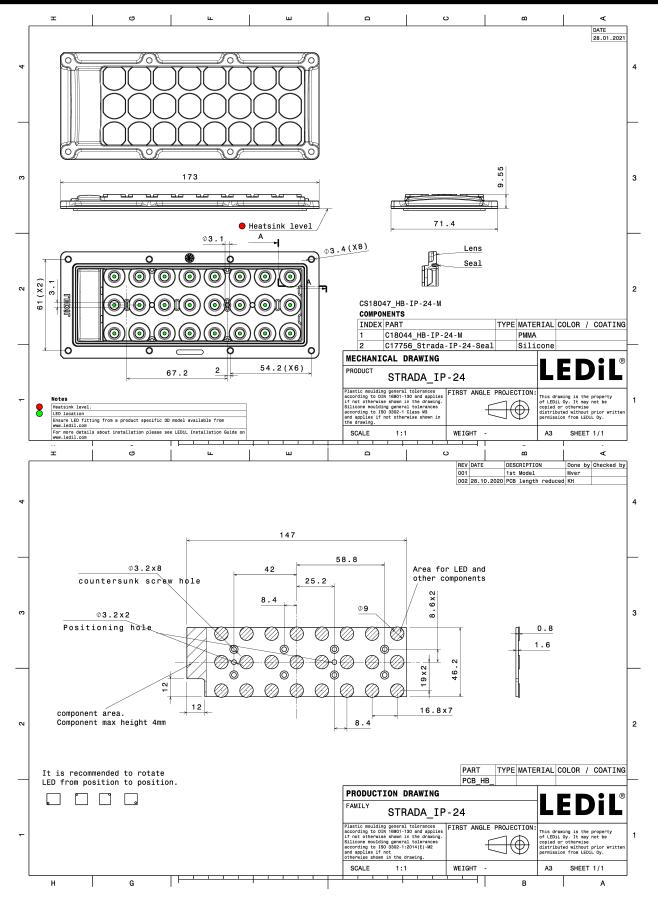
Component	Туре	Material	Colour	Finish	Length (mm)
HB-IP-24-M	Multi-lens	PMMA	clear		
STRADA-IP-24-SEAL	Seal	Silicone	white		

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				



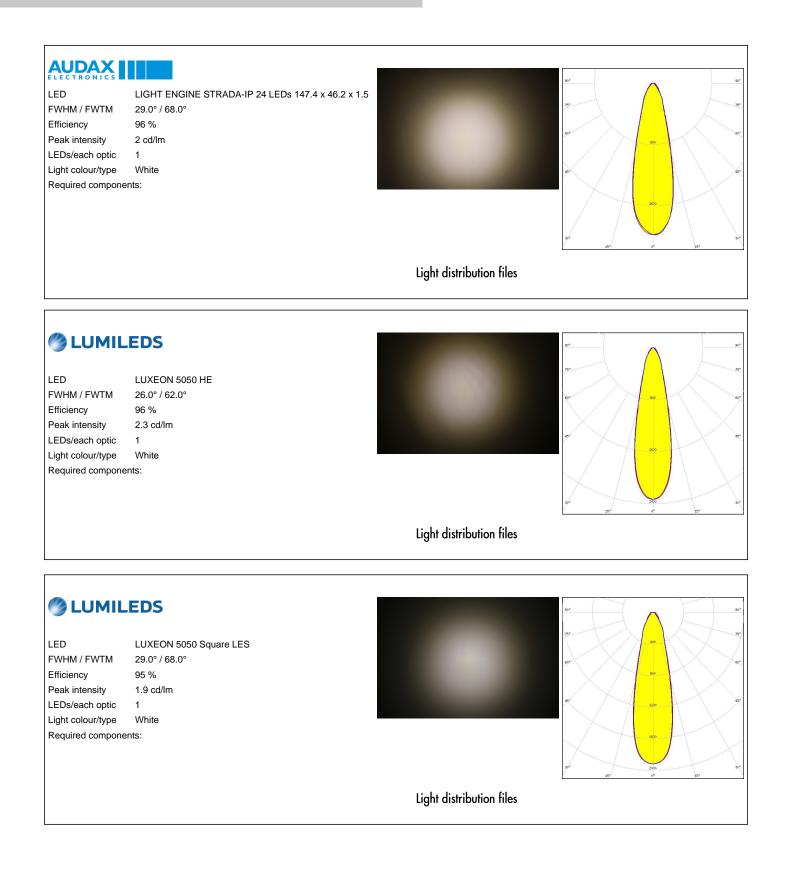
PRODUCT DATASHEET CS18047_HB-IP-24-M



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



OPTICAL RESULTS (MEASURED):



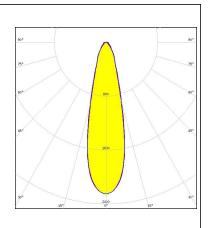


OPTICAL RESULTS (MEASURED):

UMILEDS

LED	L
FWHM / FWTM	27
Efficiency	9
Peak intensity	2
LEDs/each optic	1
Light colour/type	W
Required componen	ts:

LUXEON XR-5050 HE (L225-xxxx024MLU010) 27.0° / 64.0° 97 % 2.3 cd/lm 1 White

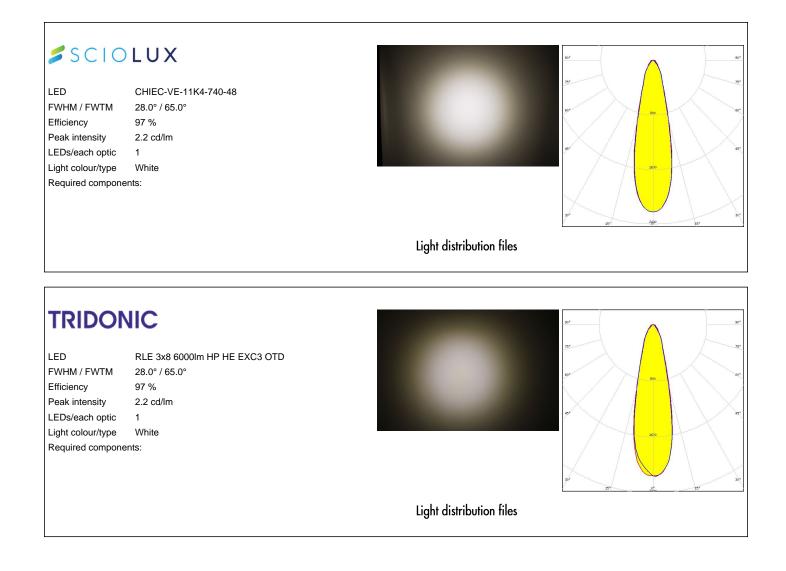


Light distribution files

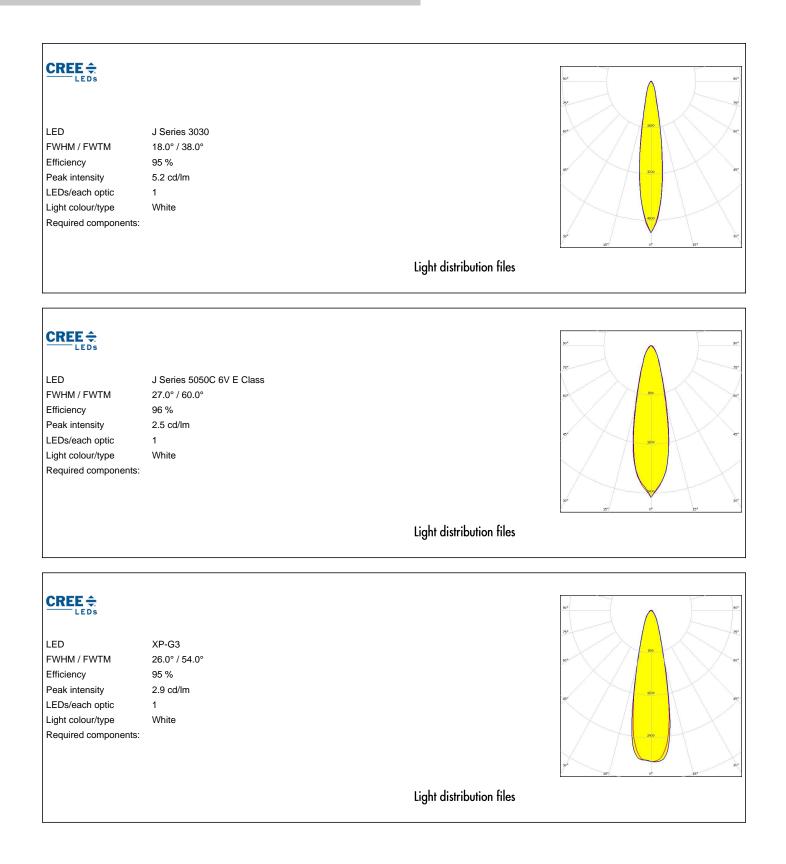
SAMSUNG LED HiLOM RM24 ZP (LH502D) FWHM / FWTM 27.0° / 65.0° Efficiency 97 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SCIOLUX LED CHI-VP-10K5-740-36 FWHM / FWTM 27.0° / 63.0° Efficiency 95 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



OPTICAL RESULTS (MEASURED):





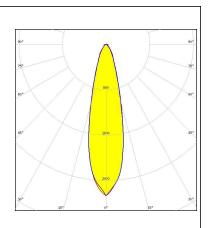




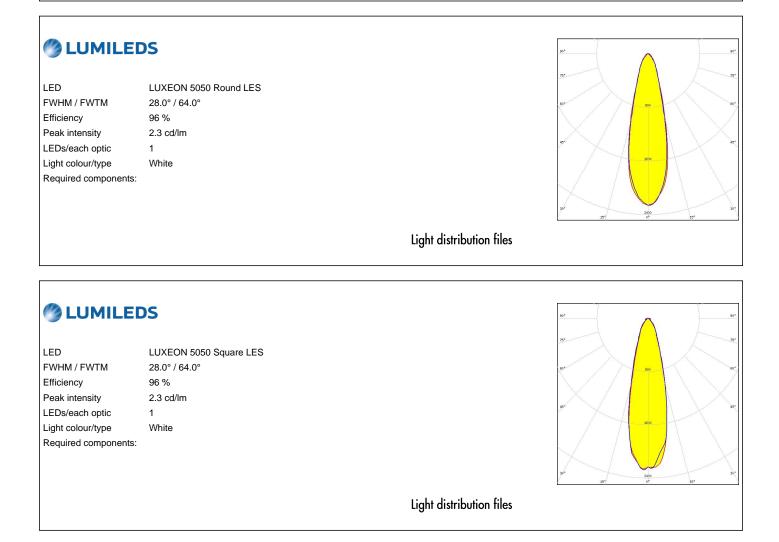
UMILEDS

LED	L
FWHM / FWTM	2
Efficiency	ę
Peak intensity	2
LEDs/each optic	
Light colour/type	١
Required components:	

LUXEON 5050 HE 26.0° / 57.0° 95 % 2.7 cd/lm 1 White



Light distribution files



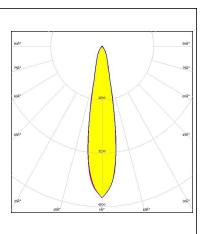


LOT

Vour solutions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2 33.0° / 74.0° 93 % 1.7 cd/lm 1 White		25° 0° 12° 0° 26° 0° 27° 0° 1200 0° 100 0°
		Light distribution files	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NFMW48xA 30.0° / 66.0° 96 % 2.1 cd/lm 1 White		25° 0° 30° 6° 0° 5° 0° 6° 0° 5° 5°
		Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Duris S8 33.0° / 74.0° 93 % 1.7 cd/lm 1 White		91 ³ 91 ³ 91 ⁴ 91
		Light distribution files	



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

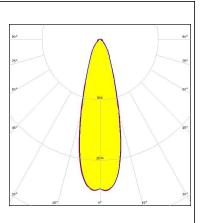
OSRAM Opto Semiconductore OSCONIQ P 3737 (3W version) I FD FWHM / FWTM 24.0° / 48.0° Efficiency 96 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG HiLOM RM24 ZP (LH502C) LED FWHM / FWTM 30.0° / 68.0° 95 % Efficiency Peak intensity 2 cd/lm LEDs/each optic 1 Light colour/type White Required components:

Light distribution files

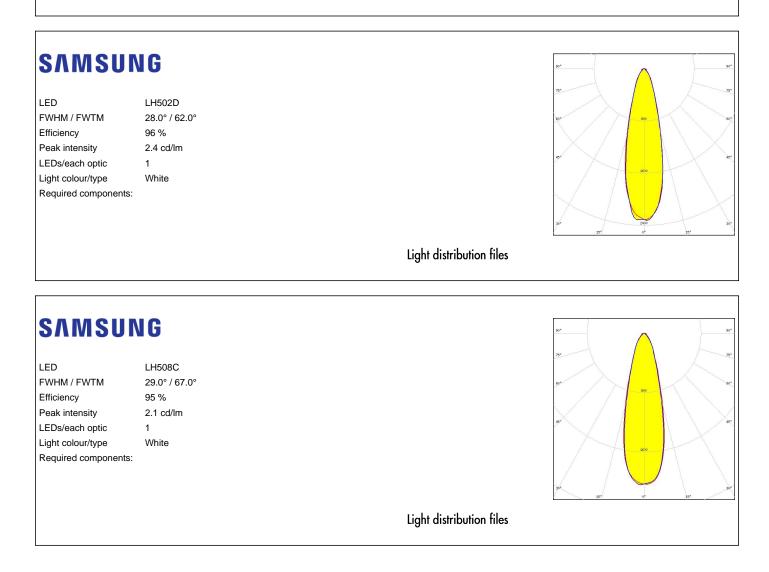


SAMSUNG

LED	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





SAMSU	NG		5)*
LED	LM301D		73
FWHM / FWTM	18.0° / 42.0°		600 6
Efficiency	95 %		
Peak intensity	4.6 cd/lm		
LEDs/each optic	1		47 · · · · · · · · · · · · · · · · · · ·
Light colour/type	White		
Required components	:		
			30° 4000 3
		Light distribution files	
SEOUL SEMICONDUCTOR		Light distribution tiles	90 ⁴
SEOUL SEMICONDUCTOR	SEOUL DC 5050 6V	Light distribution tiles	99° 9 75° 400 2
SEOUL SEMICONDUCTOR	SEOUL DC 5050 6V 31.0° / 70.0°	Light distribution tiles	295 - 2 400 - 2
seoul semiconductor LED FWHM / FWTM		Light distribution tiles	295 - 2 400 - 2
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	31.0° / 70.0°	Light distribution tiles	25°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	31.0° / 70.0° 95 % 1.9 cd/lm 1	Light distribution tiles	255 - 2000 - 2 60 ¹ - 0
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	31.0° / 70.0° 95 % 1.9 cd/lm 1 White	Light distribution tiles	27 61 00
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	31.0° / 70.0° 95 % 1.9 cd/lm 1 White	Light distribution tiles	27 61 00



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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