

HB-IP-24-M

~30° wide beam.

SPECIFICATION:

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

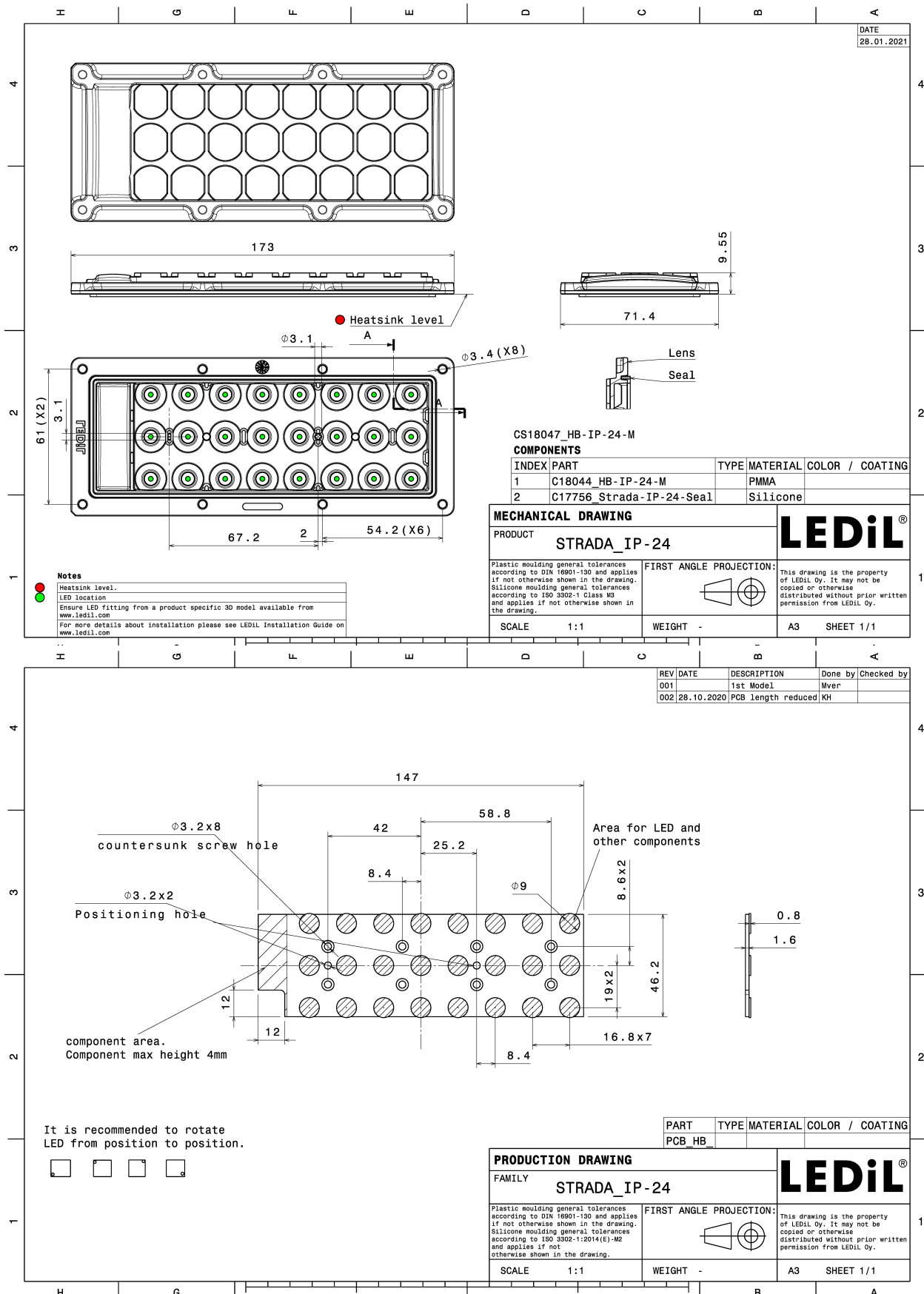
MATERIALS:

Component	Type	Material	Colour	Finish
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 » Box size: 476 x 273 x 247 mm	120	120	40	7.0

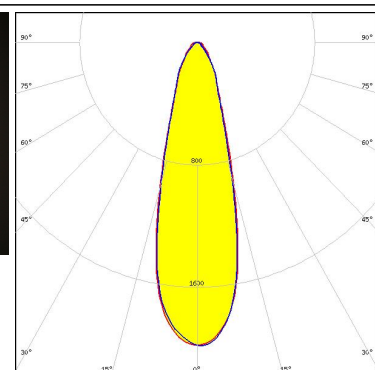
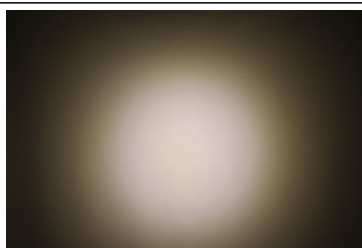


See also our general installation guide: www.ledil.com/installation_guide

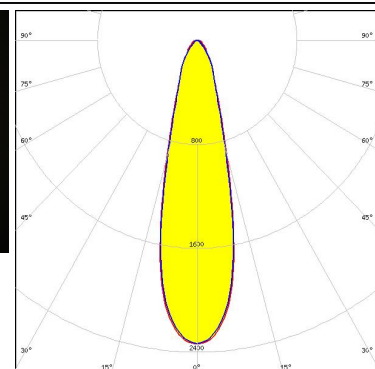
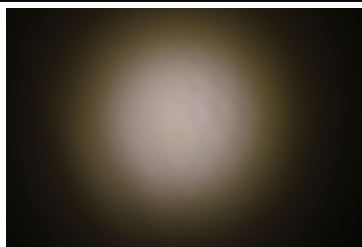
OPTICAL RESULTS (MEASURED):



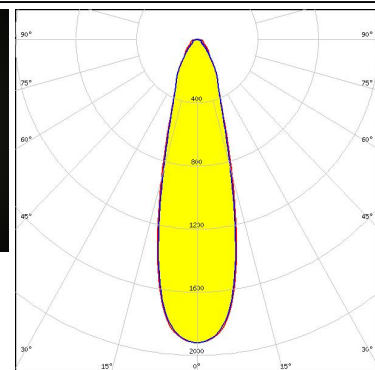
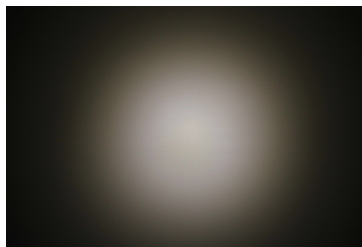
LED LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5
FWHM / FWTM 29.0° / 68.0°
Efficiency 96 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



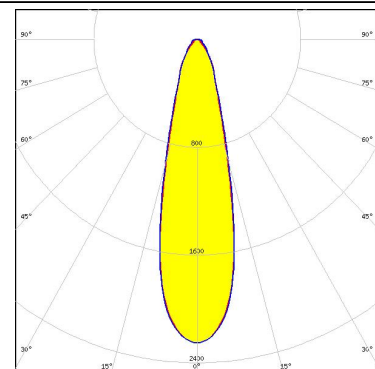
LED LUXEON 5050 HE
FWHM / FWTM 26.0° / 62.0°
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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 White
Required components:



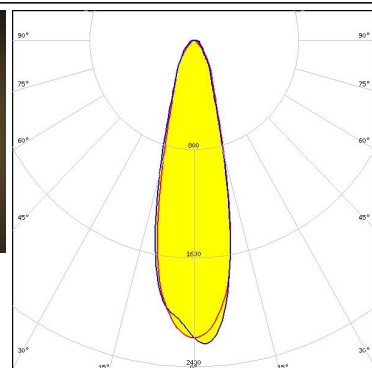
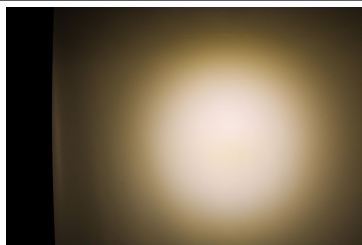
LED LUXEON XR-5050 HE (L225-xxxx024MLU010)
FWHM / FWTM 27.0° / 64.0°
Efficiency 97 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

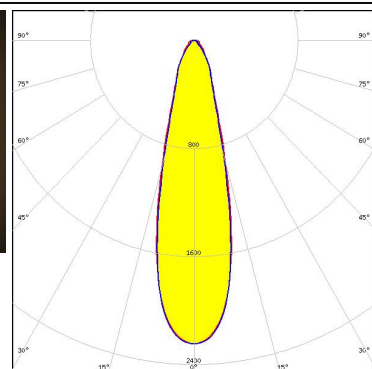
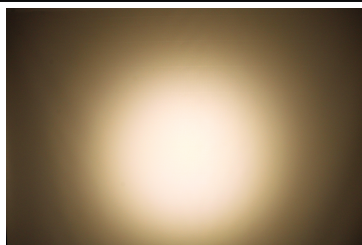
SAMSUNG

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 White
Required components:



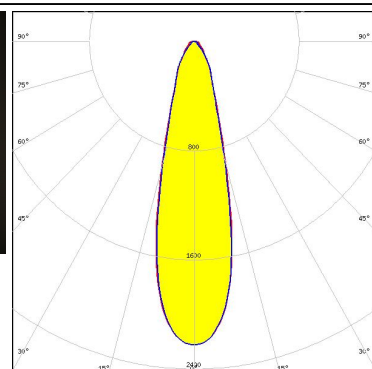
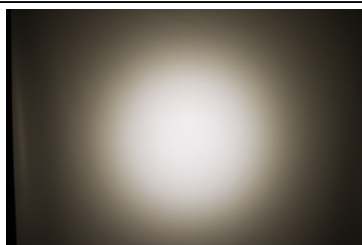
SCIOLUX

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 White
Required components:



SCIOLUX

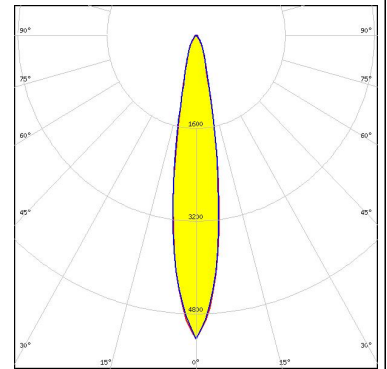
LED CHIEC-VE-11K4-740-48
FWHM / FWTM 28.0 + 27.0° / 64.0 + 65.0°
Efficiency 97 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



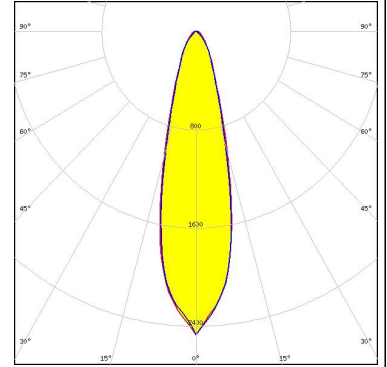
OPTICAL RESULTS (SIMULATED):



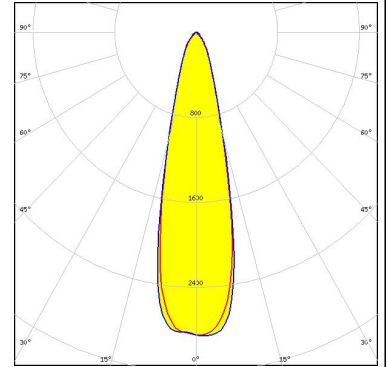
LED J Series 3030
FWHM / FWTM 18.0° / 38.0°
Efficiency 95 %
Peak intensity 5.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



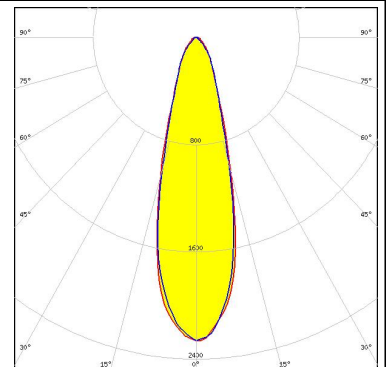
LED J Series 5050C 6V E Class
FWHM / FWTM 27.0° / 60.0°
Efficiency 96 %
Peak intensity 2.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



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



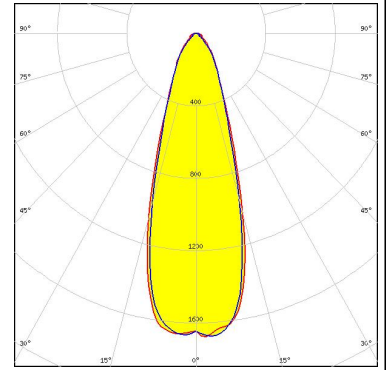
LED LUXEON 5050 Round LES
FWHM / FWTM 28.0° / 64.0°
Efficiency 96 %
Peak intensity 2.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

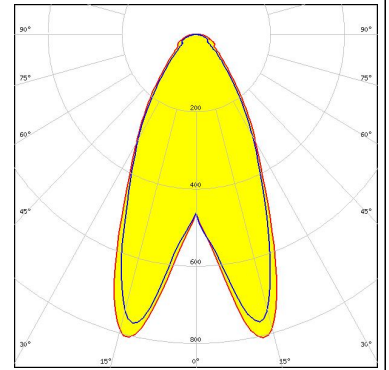
MST Your solutions

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 White
 Required components:



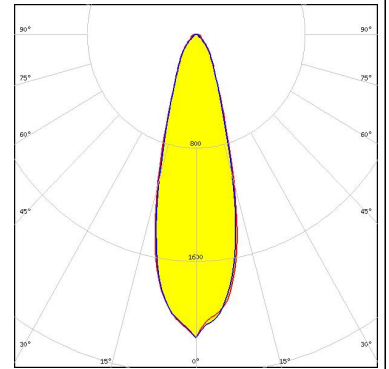
NICHIA

LED NF2x757G
 FWHM / FWTM 52.0° / 100.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



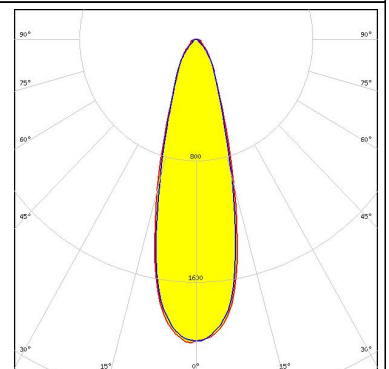
NICHIA

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



SAMSUNG

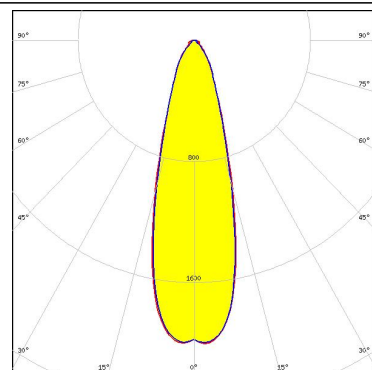
LED HiLOM RM24 ZP (LH502C)
 FWHM / FWTM 30.0° / 68.0°
 Efficiency 95 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

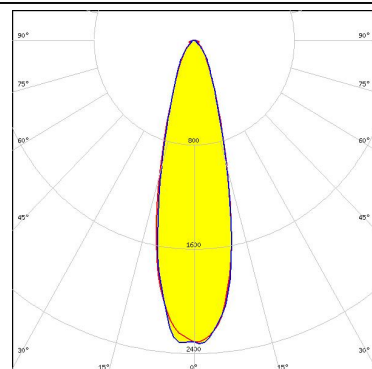
SAMSUNG

LED LH502C
FWHM / FWTM 30.0° / 68.0°
Efficiency 95 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



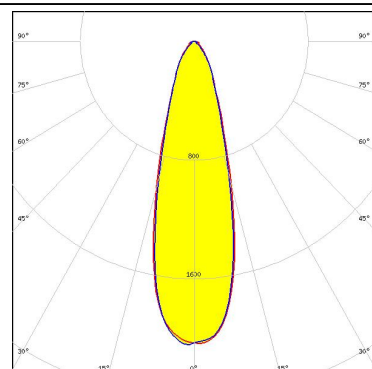
SAMSUNG

LED LH502D
FWHM / FWTM 28.0° / 62.0°
Efficiency 96 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



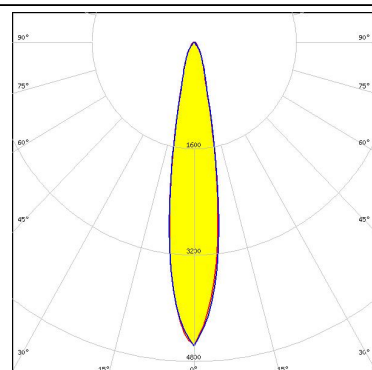
SAMSUNG

LED LH508C
FWHM / FWTM 29.0° / 67.0°
Efficiency 95 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

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



OPTICAL RESULTS (SIMULATED):



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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