

HB-IP-24-WWW-PC

~90° wide beam. Variant made from PC.

SPECIFICATION:

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

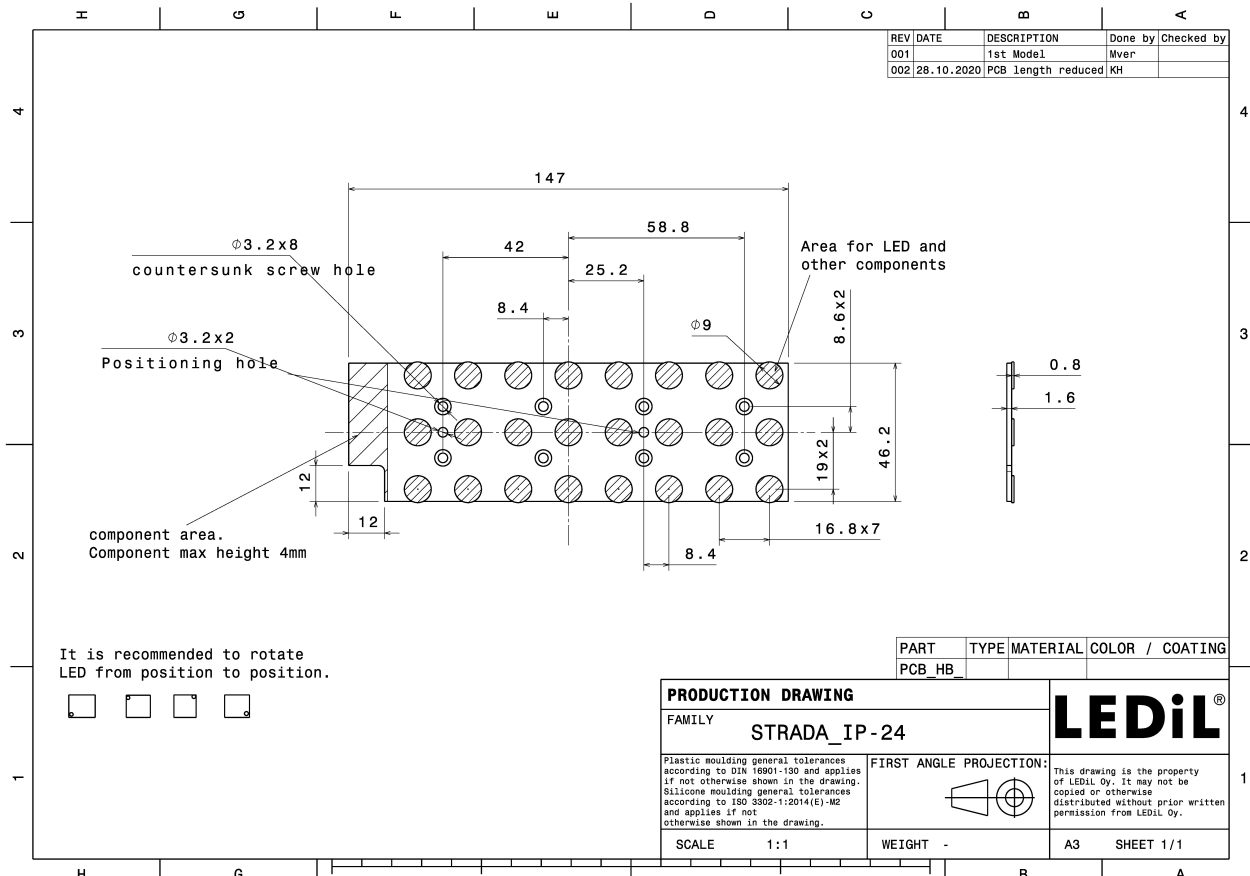
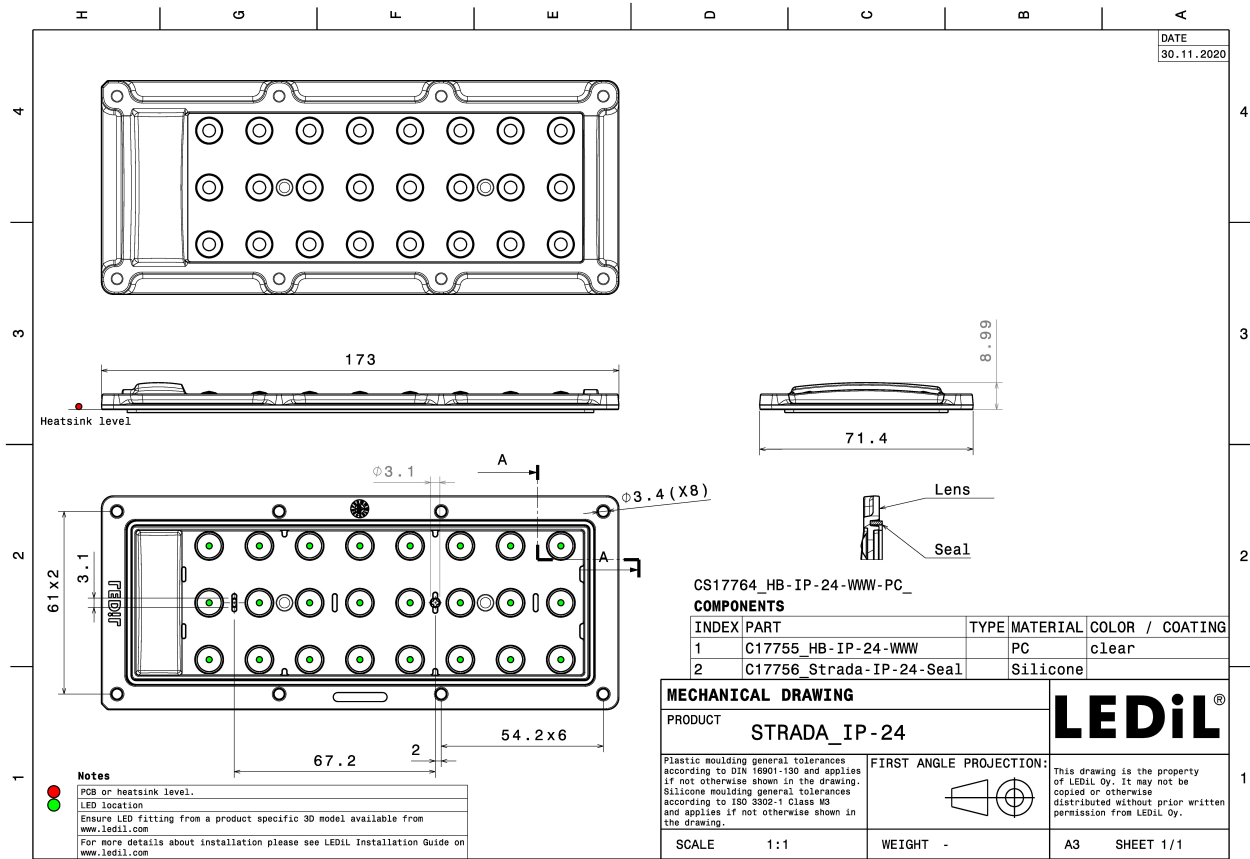
MATERIALS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS17764_HB-IP-24-WWW-PC » Box size: 476 x 273 x 247 mm	120	120	40	5.2

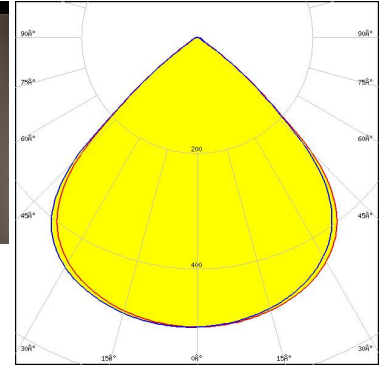


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



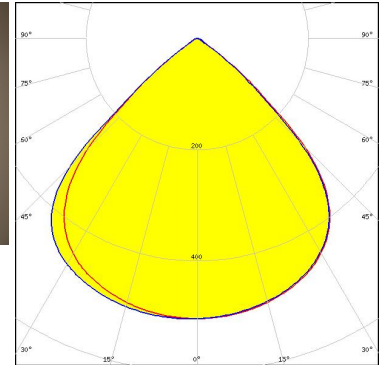
LED LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5
FWHM / FWTM 92.0° / 109.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



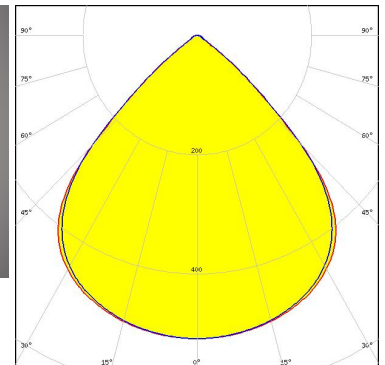
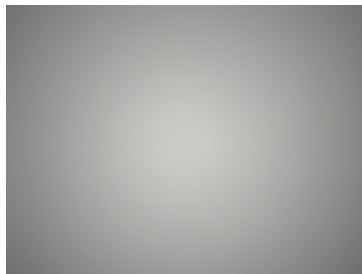
LED L2-0418000024-50500E (IP-24)
FWHM / FWTM 92.0° / 109.0°
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED L2-0419000024-50500K (IP-24)
FWHM / FWTM 90.0° / 108.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

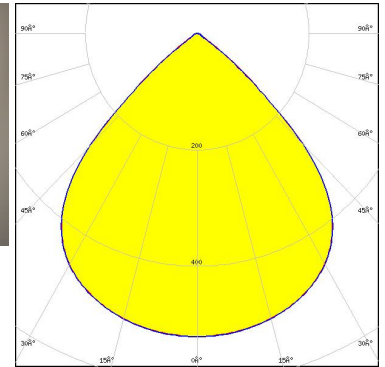
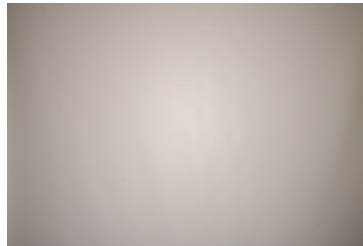


Light distribution files

OPTICAL RESULTS (MEASURED):



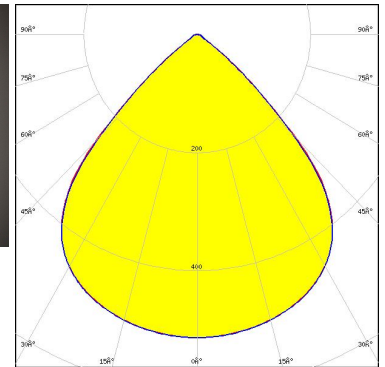
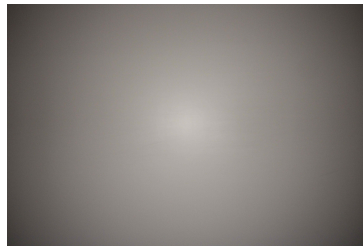
LED LUXEON 5050 HE
 FWHM / FWTM 91.0° / 108.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



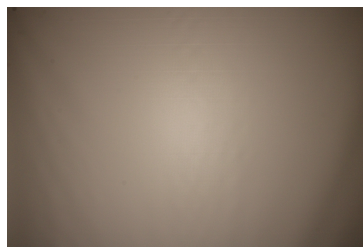
LED LUXEON 5050 Square LES
 FWHM / FWTM 90.0° / 108.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON XR-5050 HE (L225-xxxx024MLU010)
 FWHM / FWTM 92.0° / 109.0°
 Efficiency 95 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

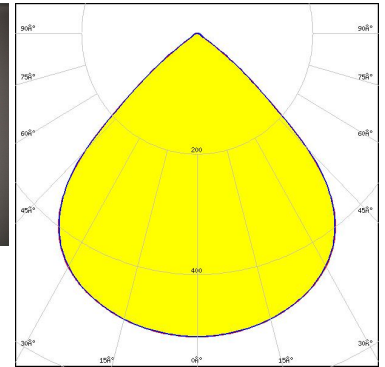
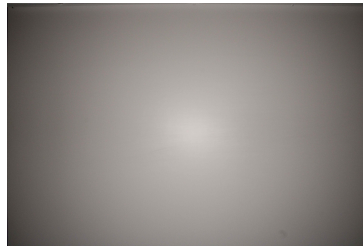


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

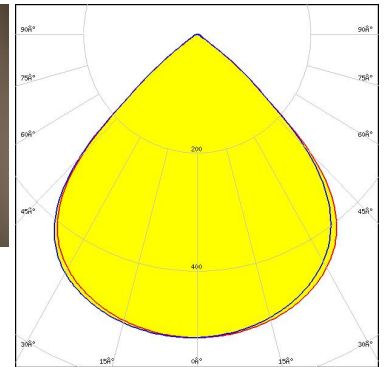
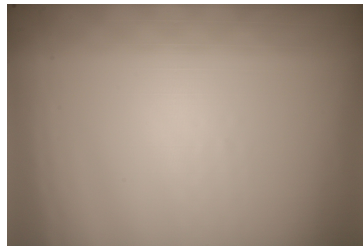
LED OSCONIQ S 5050 (Q9LR32)
FWHM / FWTM 91.0° / 109.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED HiLOM RM24 ZP (LH502D)
FWHM / FWTM 92.0° / 109.0°
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

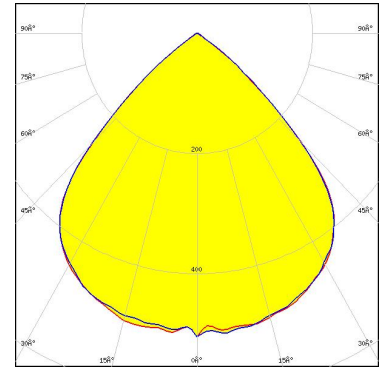


Light distribution files

OPTICAL RESULTS (SIMULATED):



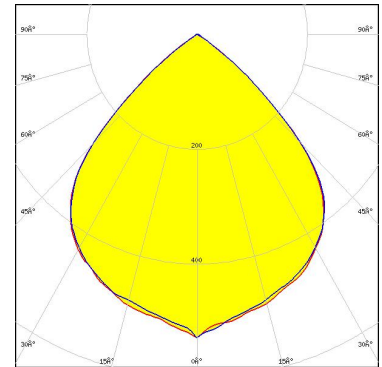
LED J Series 5050 6V P Class
FWHM / FWTM 90.0° / 108.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



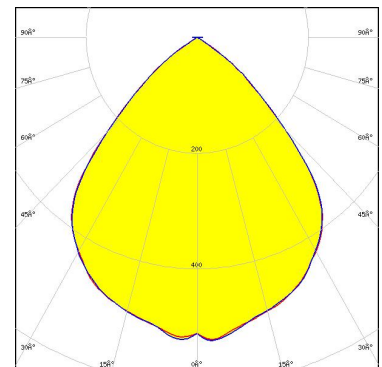
LED J Series 5050C 6V E Class
FWHM / FWTM 90.0° / 110.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G4 HI
FWHM / FWTM 86.0° / 112.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

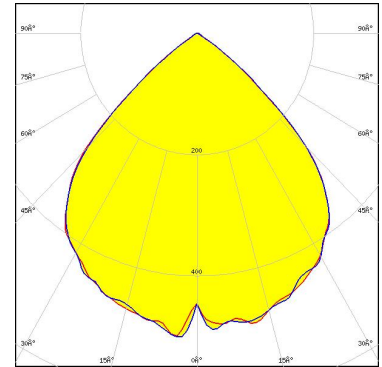


Light distribution files

OPTICAL RESULTS (SIMULATED):



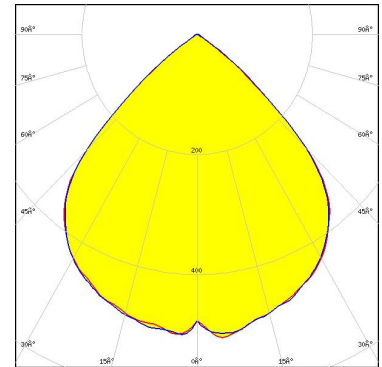
LED LUXEON 5050 HE
 FWHM / FWTM 92.0° / 110.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



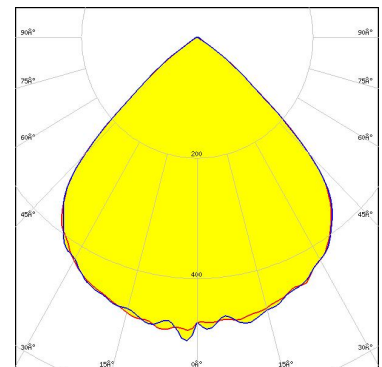
LED LUXEON 5050 Square LES
 FWHM / FWTM 92.0° / 110.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

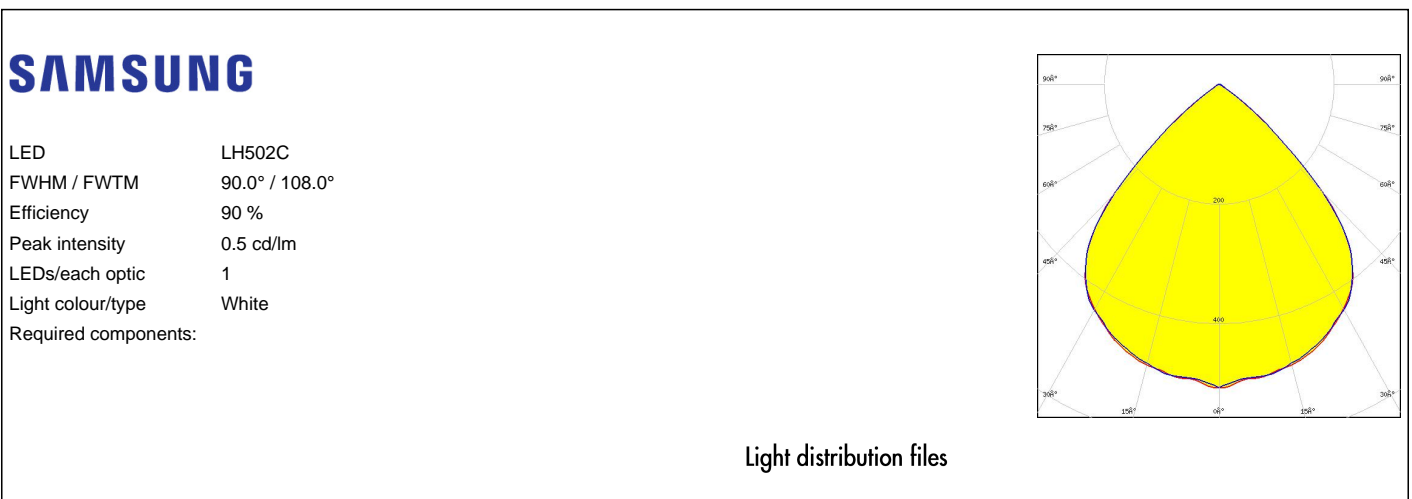
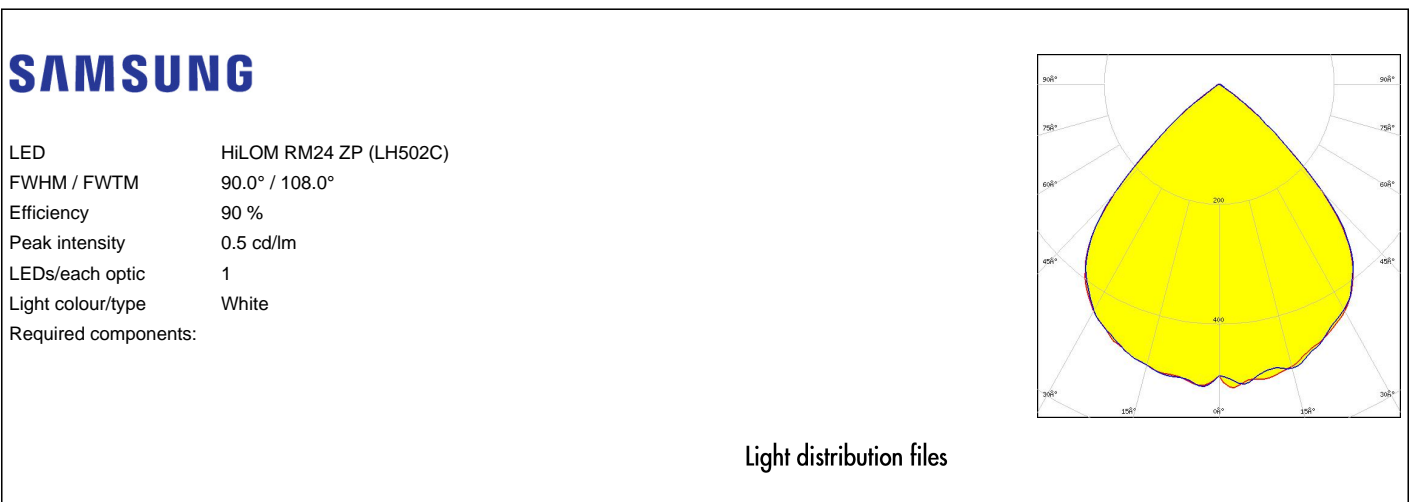
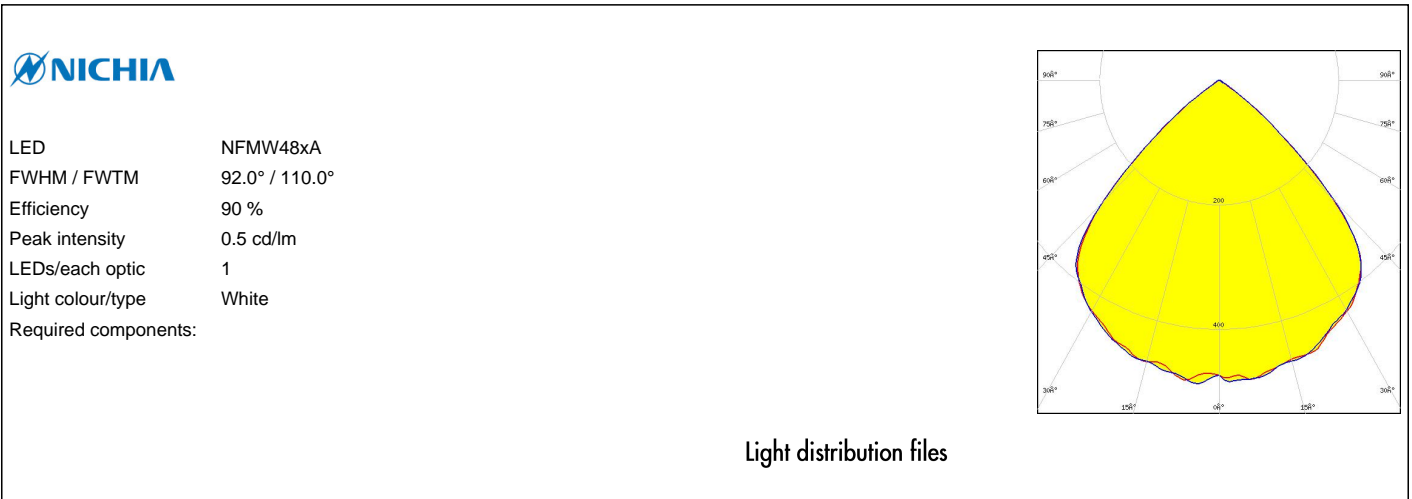


LED RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2
 FWHM / FWTM 92.0° / 110.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

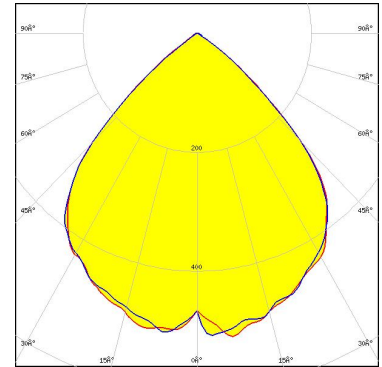
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

SAMSUNG

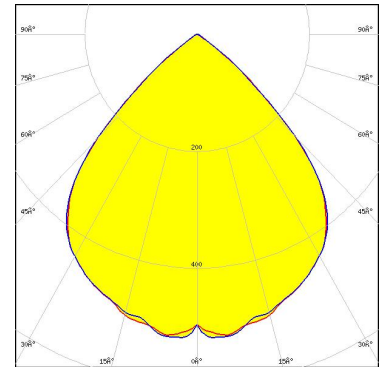
LED LH502D
FWHM / FWTM 90.0° / 110.0 + 109.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

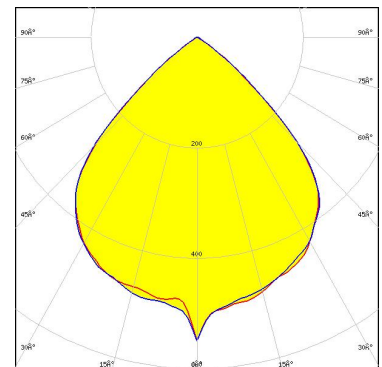
LED LH508C
FWHM / FWTM 90.0° / 108.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED SEOUL DC 5050 6V
FWHM / FWTM 90.0° / 110.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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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