

STRADA-IP-24-DWC

Universal road lighting (IESNA Type II medium) beam with excellent mixed illuminance and luminance uniformity.

SPECIFICATION:

| | |
|----------------------------|--------------|
| Dimensions | 173.0 x 71.4 |
| Height | 9 mm |
| Fastening | pin, screw |
| Ingress protection classes | IP66, IP67 |
| ROHS compliant | yes ⓘ |

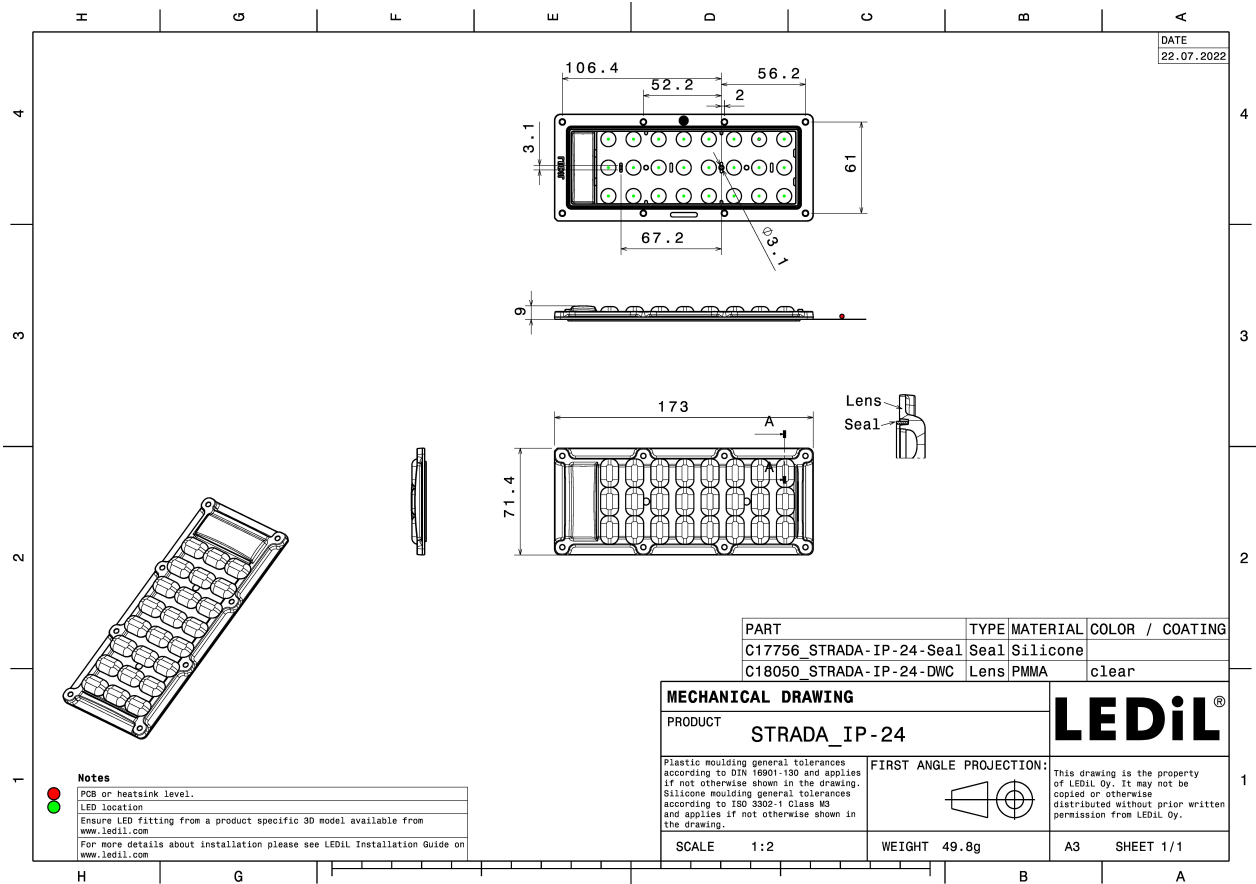


MATERIALS:

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

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| CS18051_STRADA-IP-24-DWC » Box size: 476 x 273 x 247 mm | 120 | 120 | 40 | 6.3 |

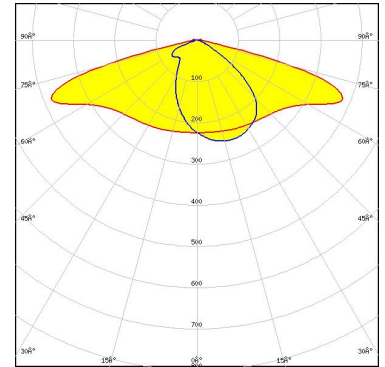


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



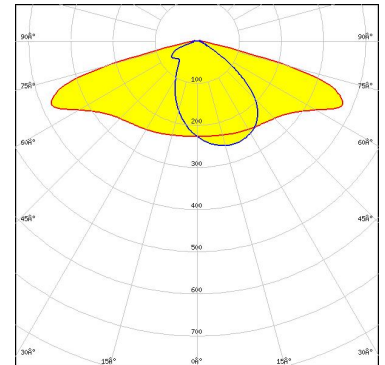
| | |
|----------------------|---|
| LED | LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 93 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files



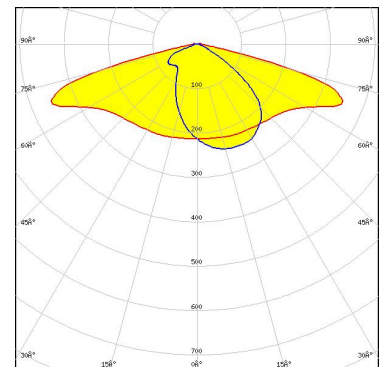
| | |
|----------------------|-----------------------|
| LED | PL-BRICK HP 3x8 IP-24 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 94 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files



| | |
|----------------------|------------------------|
| LED | LUXEON 5050 Square LES |
| FWHM / FWTM | Asymmetric |
| Efficiency | 91 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

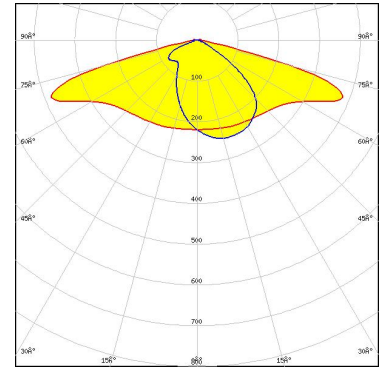


Light distribution files

OPTICAL RESULTS (MEASURED):



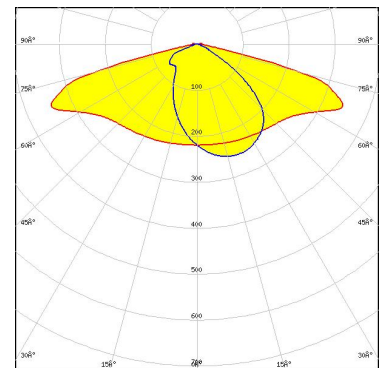
LED LUXEON XR-5050 HE (L225-xxxx024MLU010)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



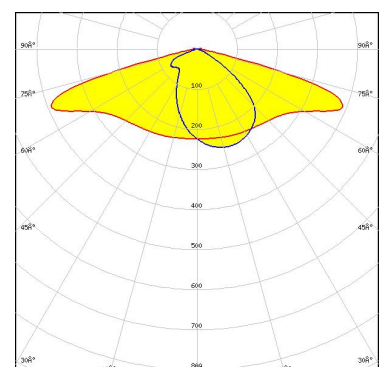
LED Duris S8
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED HiLOM RM24 ZP (LH502D)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

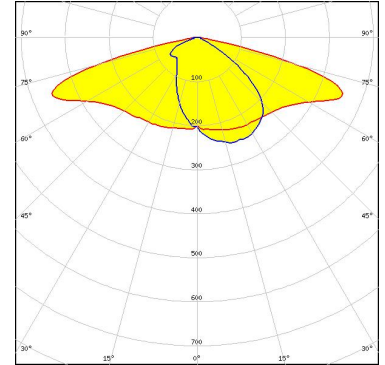
| | |
|----------------------|-------------------------------|
| LED | RLE 3x8 6000lm HP HE EXC3 OTD |
| FWHM / FWTM | Asymmetric |
| Efficiency | 94 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Bridgelux SMD 5050
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

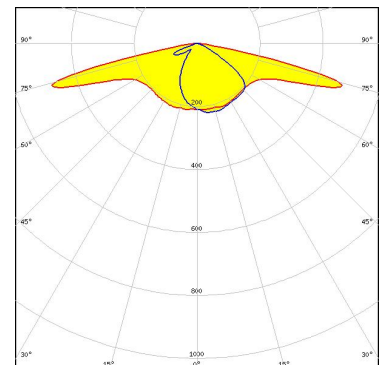


LED SMD 3535 BXEX
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED SMD 3535 BXEX-XXX-11H-3B1
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

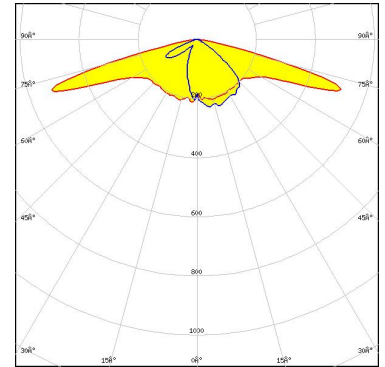


Light distribution files

OPTICAL RESULTS (SIMULATED):



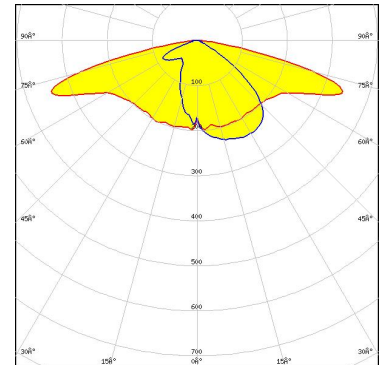
LED J Series 3030
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



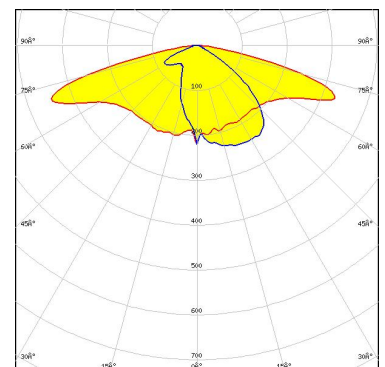
LED J Series 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

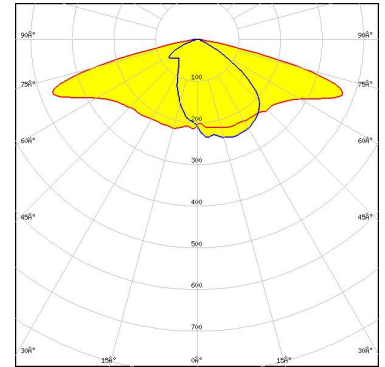


Light distribution files

OPTICAL RESULTS (SIMULATED):



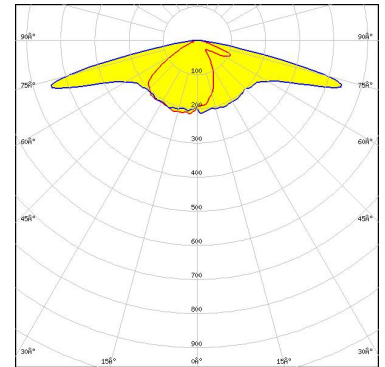
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



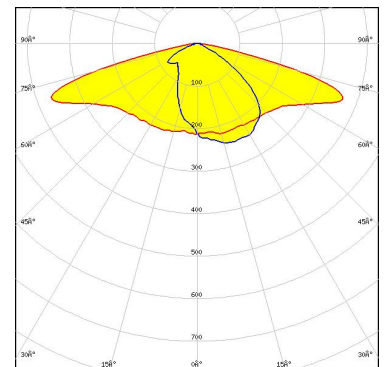
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

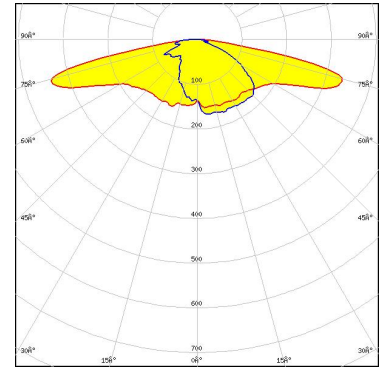


Light distribution files

OPTICAL RESULTS (SIMULATED):



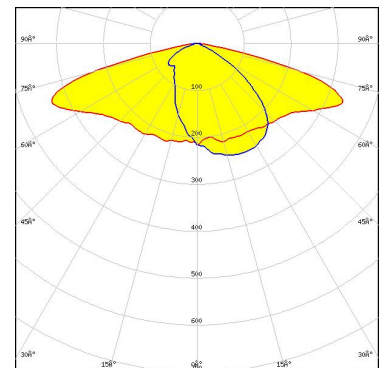
LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



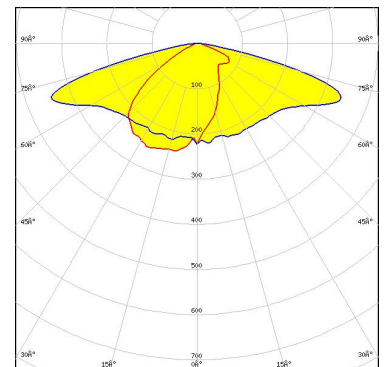
LED RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NFMW48xA
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

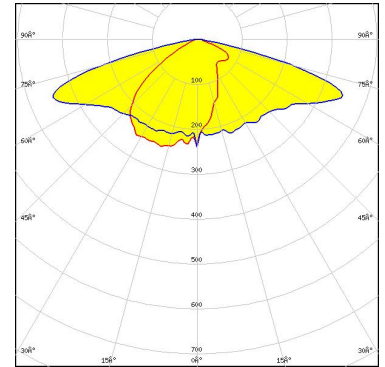


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

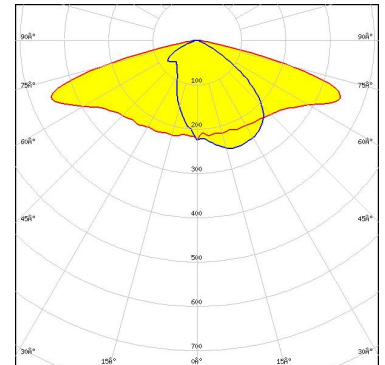
LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

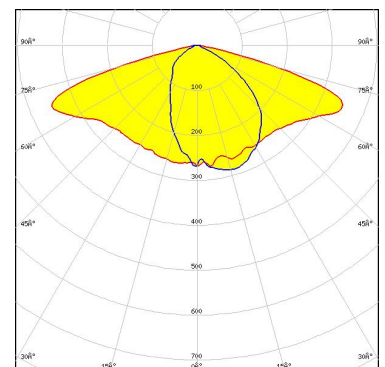
LED HiLOM RM24 ZP (LH502C)
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH502C
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

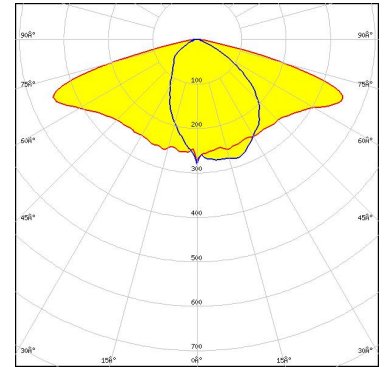


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

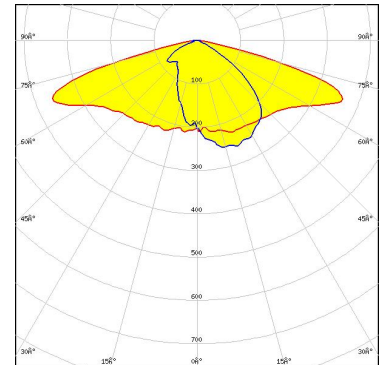
LED LH502D
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

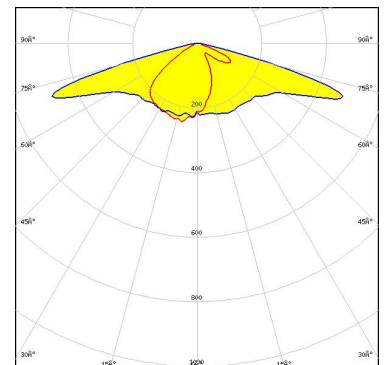
LED LH508C
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LM301D
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

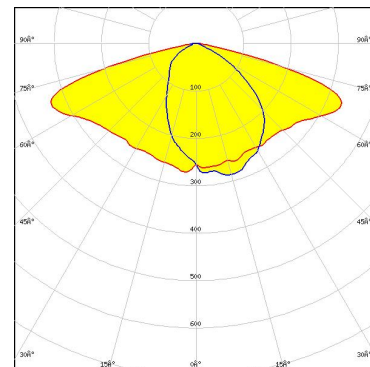


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED: SEOUL DC 5050 6V
 FWHM / FWTM: Asymmetric
 Efficiency: 93 %
 Peak intensity: 0.4 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:

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