

STRADA-IP-24-DWC-PC

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

SPECIFICATION:

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

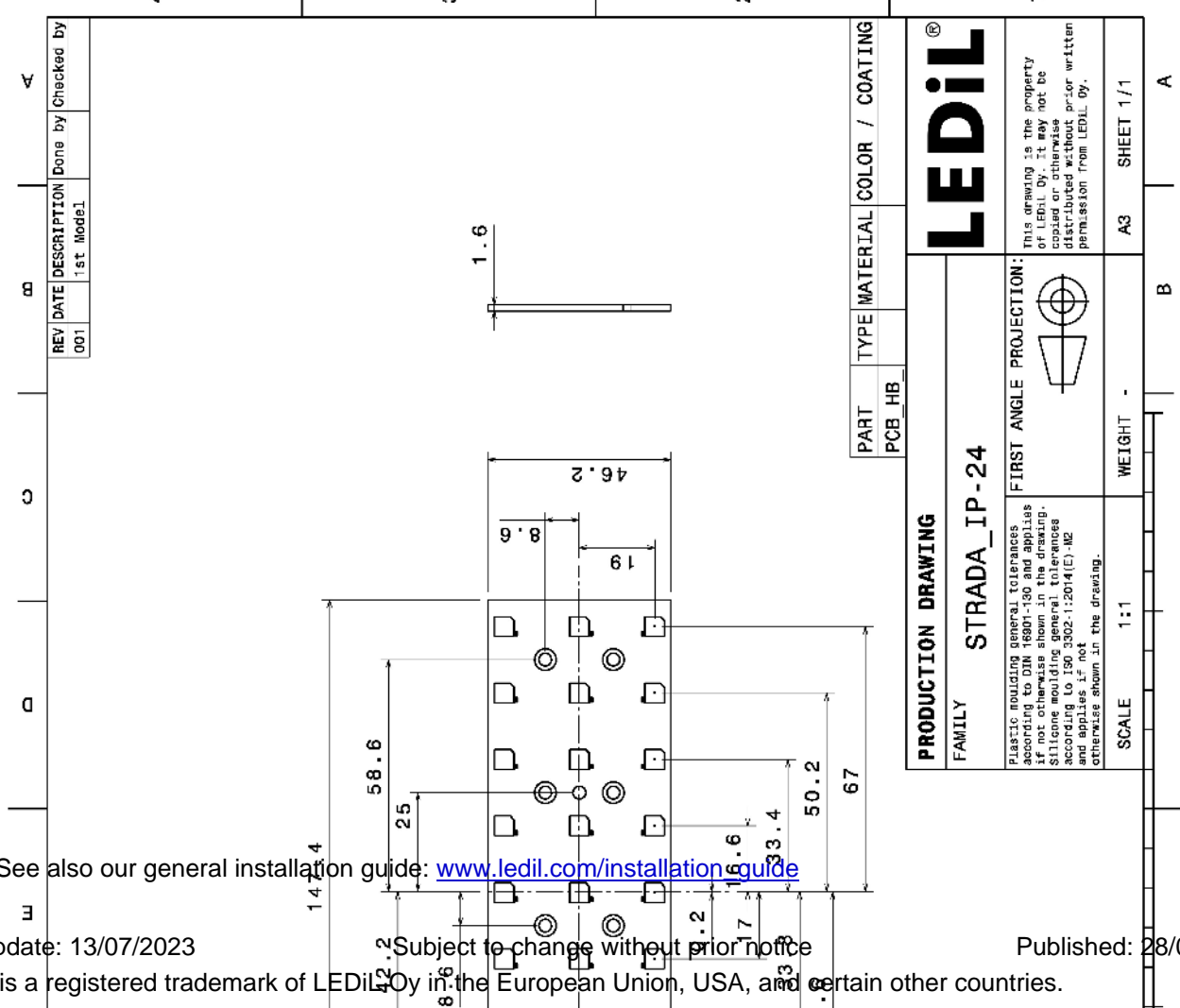
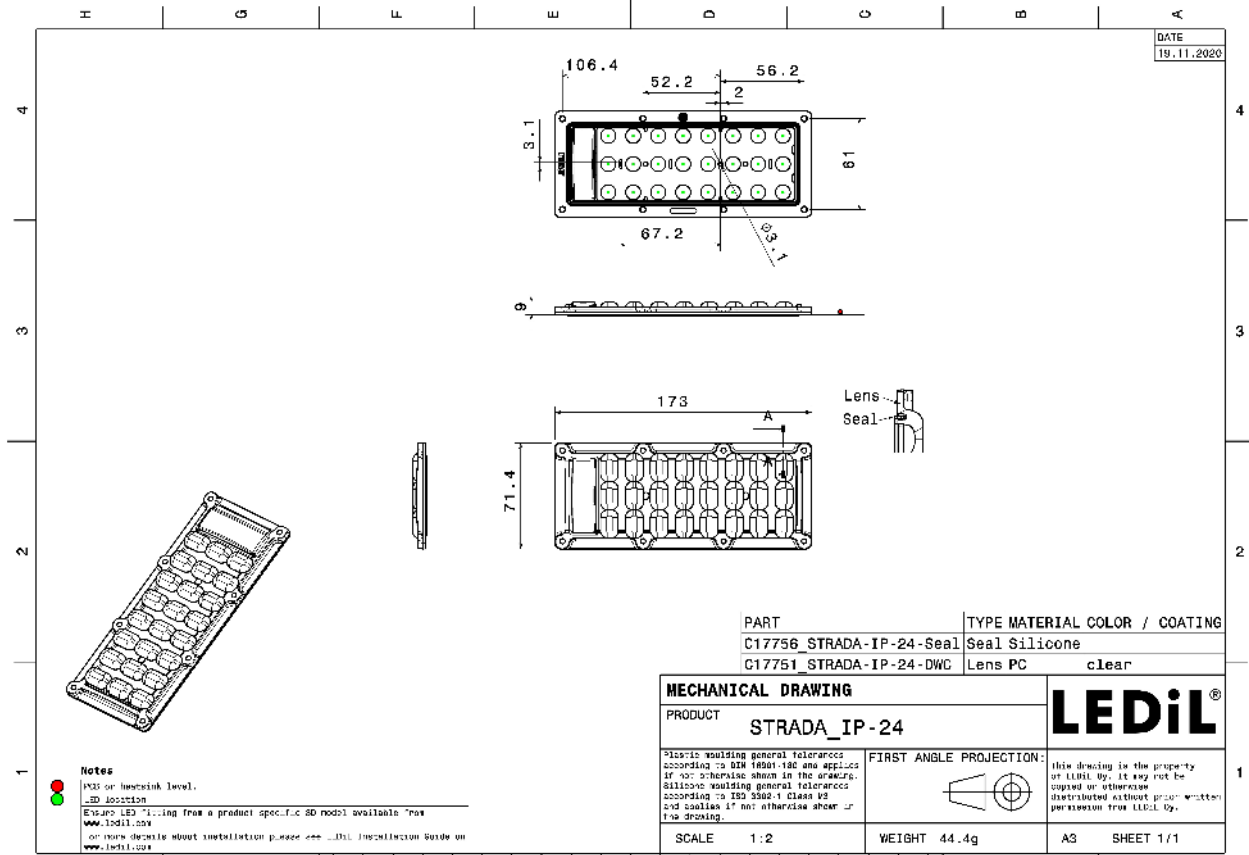


MATERIALS:

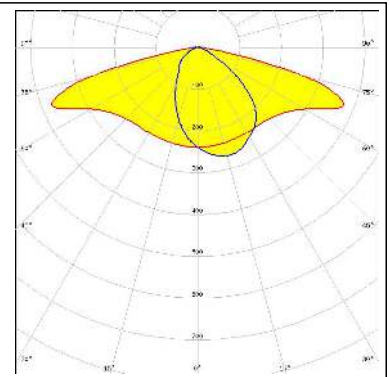
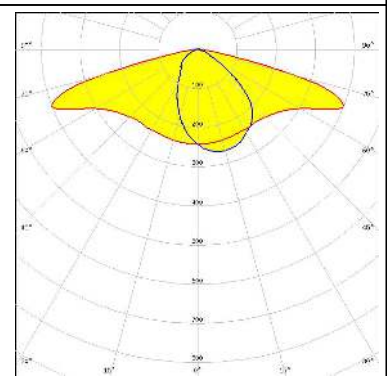
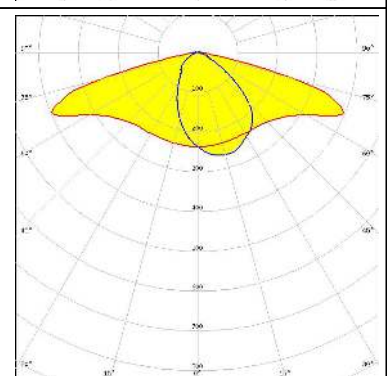
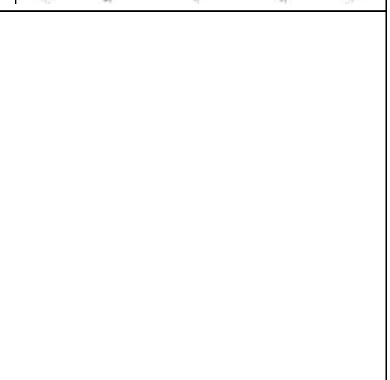
Component	Type	Material	Colour	Finish
STRADA-IP-24-DWC-PC	Multi-lens	PC	clear	
STRADA-IP-24-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS17760_STRADA-IP-24-DWC-PC » Box size: 476 x 273 x 247 mm	120	120	40	6.1



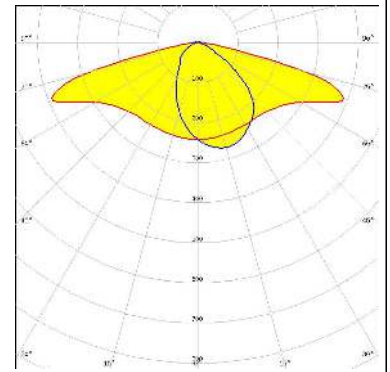
OPTICAL RESULTS (MEASURED):

<p>AUDAX FIFETRONICS</p> <p>LED LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>A light distribution diagram showing a yellow beam spread on a grid. The beam is wider horizontally than vertically, with a peak intensity of 0.5 cd/m. The grid shows angles from 0° to 120° and distances from 0m to 10m.</p>
<p>LUMILEDS</p> <p>LED LUXEON 5050 HE</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>A light distribution diagram showing a yellow beam spread on a grid. The beam is wider horizontally than vertically, with a peak intensity of 0.5 cd/m. The grid shows angles from 0° to 120° and distances from 0m to 10m.</p>
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>A light distribution diagram showing a yellow beam spread on a grid. The beam is wider horizontally than vertically, with a peak intensity of 0.5 cd/m. The grid shows angles from 0° to 120° and distances from 0m to 10m.</p>
<p>LUMILEDS</p> <p>LED LUXEON XR-5050 HE (L225-xxxx024MLU010)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>A light distribution diagram showing a yellow beam spread on a grid. The beam is wider horizontally than vertically, with a peak intensity of 0.5 cd/m. The grid shows angles from 0° to 120° and distances from 0m to 10m.</p>

OPTICAL RESULTS (MEASURED):

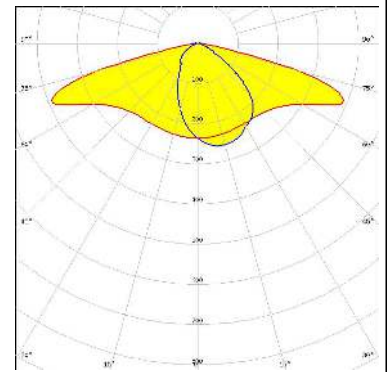
SAMSUNG

LED HiLOM RM24 ZP (LH502D)
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.5 cd/m
LEDs/each optic 1
Light colour White
Required components:



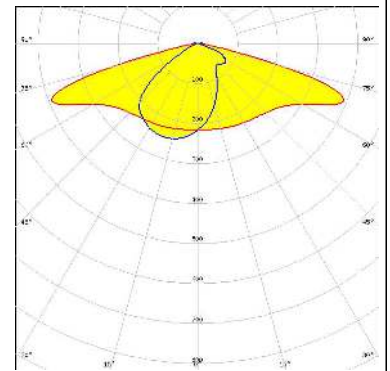
SCIOLUX

LED CHI-VP-10K5-740-36
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.5 cd/m
LEDs/each optic 1
Light colour White
Required components:



SCIOLUX

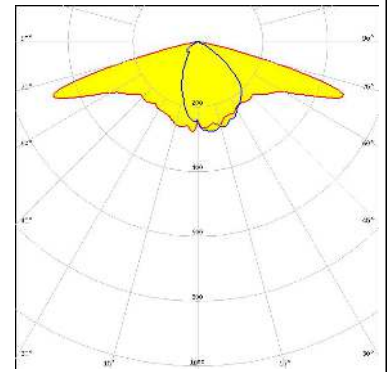
LED CHIEC-VE-11K4-740-48
FWHM / FWTM 151.0 + 77.0° / 159.5 + 136.5°
Efficiency 93 %
Peak intensity 0.5 cd/m
LEDs/each optic 1
Light colour White
Required components:



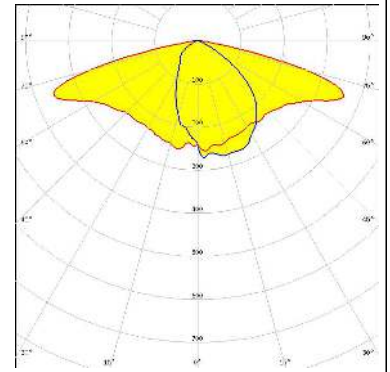
OPTICAL RESULTS (SIMULATED):



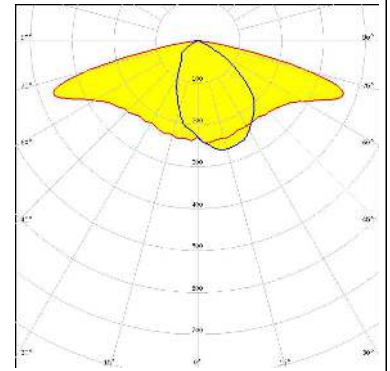
LED J Series 3030
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



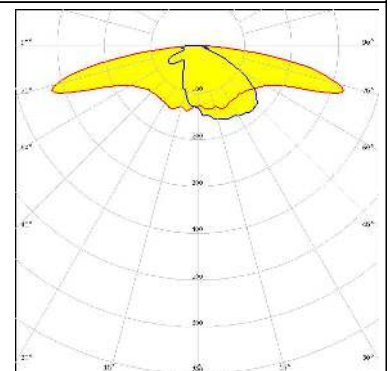
LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



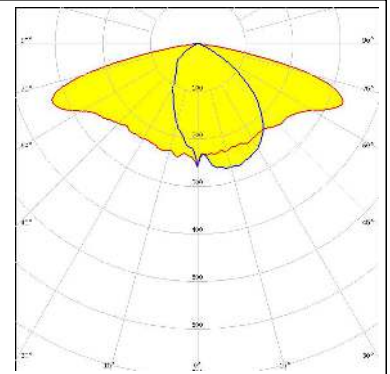
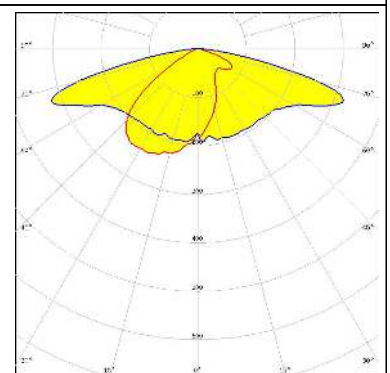
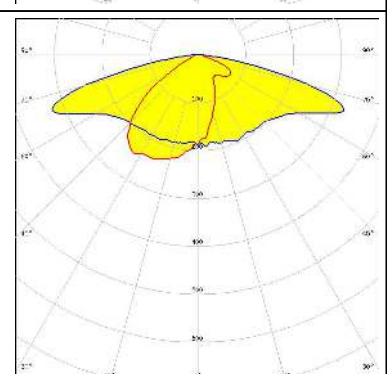
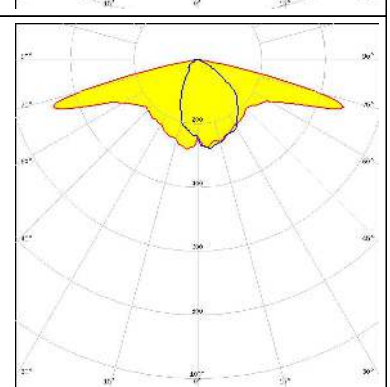
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON C
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



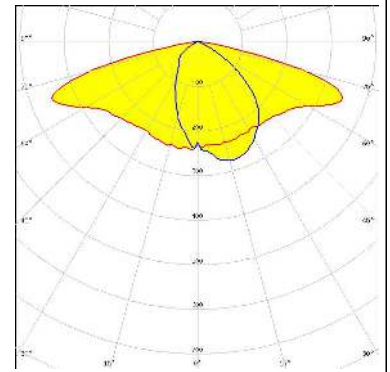
OPTICAL RESULTS (SIMULATED):

<p>MST <small>Your solutions</small></p> <p>LED RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NFMW48xA</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ S 5050</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

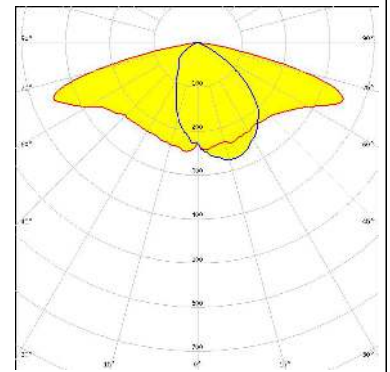
SAMSUNG

LED HiLOM RM24 ZP (LH502C)
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



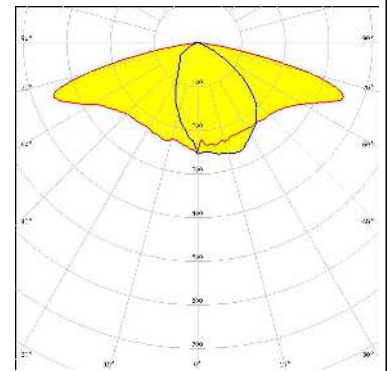
SAMSUNG

LED LH502C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



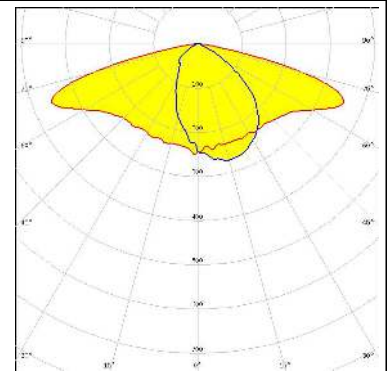
SAMSUNG

LED LH502D
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH508C
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.4 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:

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