

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

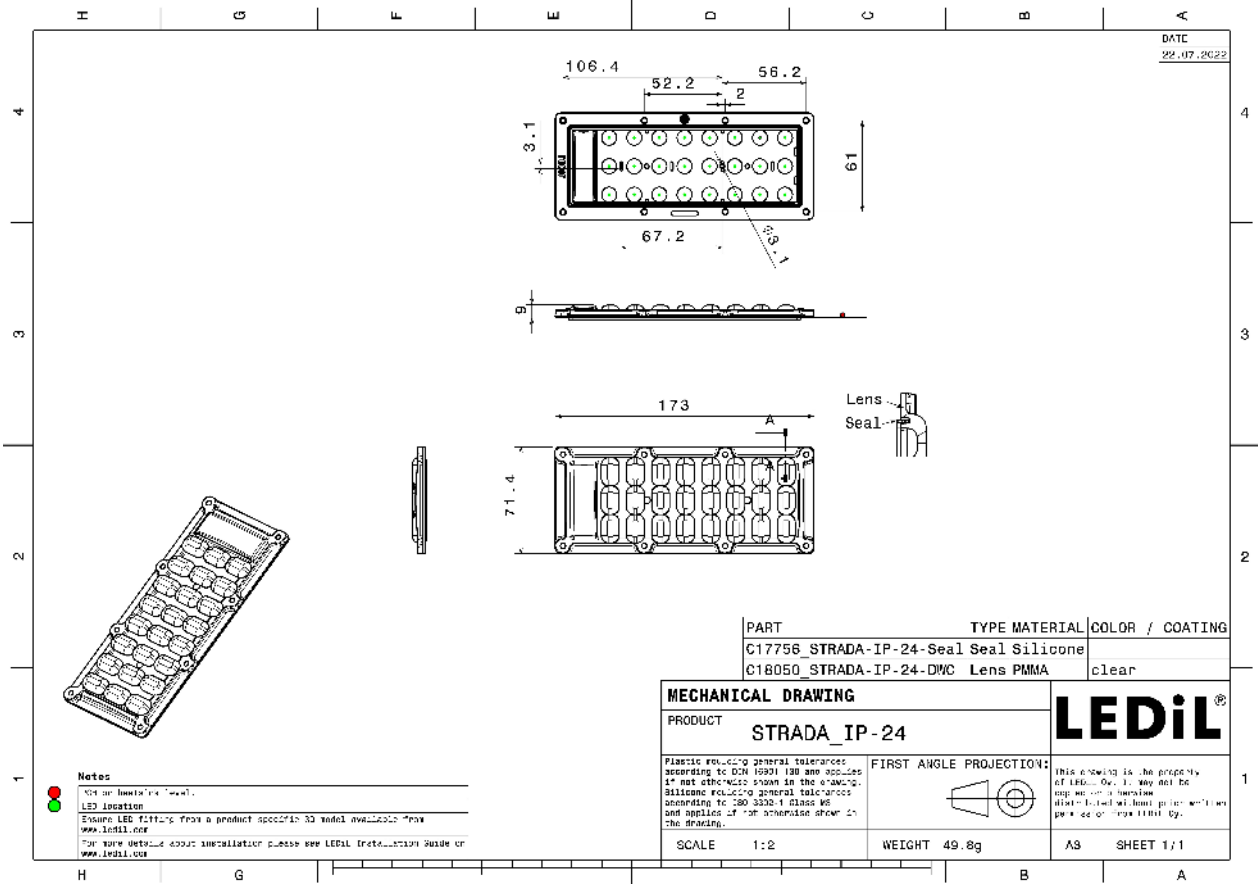


MATERIALS:

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

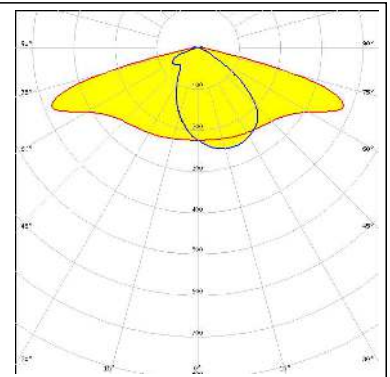
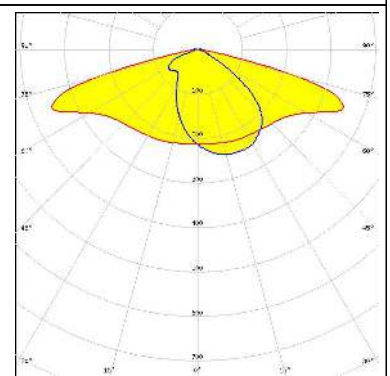
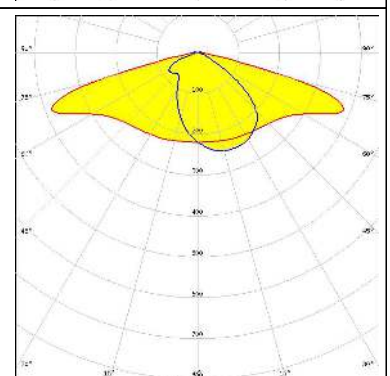
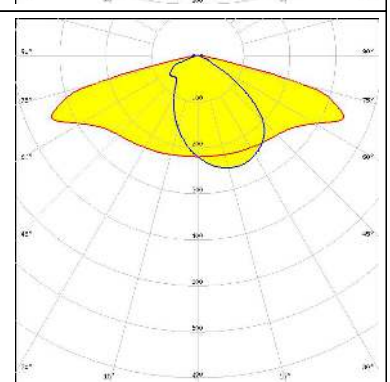
ORDERING INFORMATION:

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

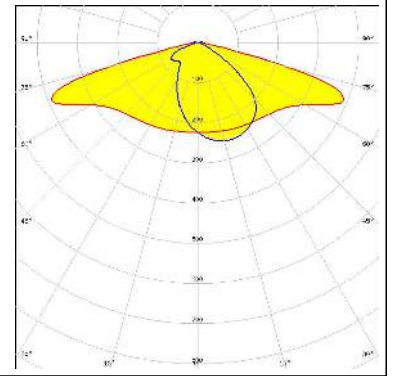
OPTICAL RESULTS (MEASURED):

<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 93 %</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 beam spread diagram showing a yellow shaded area representing the light distribution. The diagram is plotted on a grid with angles from 0° to 120° and distances from 0 to 1000. The light distribution is asymmetric, with a wider spread on the left side.</p>
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</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 beam spread diagram showing a yellow shaded area representing the light distribution. The diagram is plotted on a grid with angles from 0° to 120° and distances from 0 to 1000. The light distribution is asymmetric, with a wider spread on the left side.</p>
<p>LUMILEDS</p> <p>LED LUXEON XR-5050 HE (L225-xxx024MLU010)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</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 beam spread diagram showing a yellow shaded area representing the light distribution. The diagram is plotted on a grid with angles from 0° to 120° and distances from 0 to 1000. The light distribution is asymmetric, with a wider spread on the left side.</p>
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</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 beam spread diagram showing a yellow shaded area representing the light distribution. The diagram is plotted on a grid with angles from 0° to 120° and distances from 0 to 1000. The light distribution is asymmetric, with a wider spread on the left side.</p>


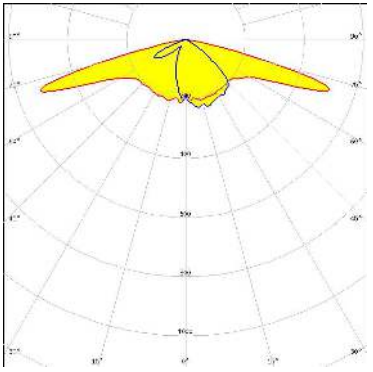

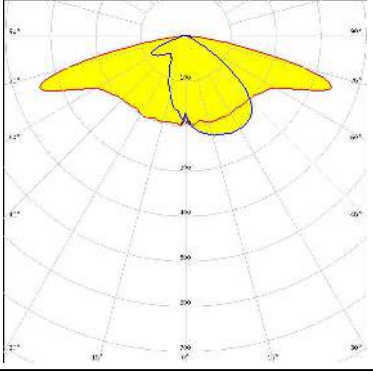

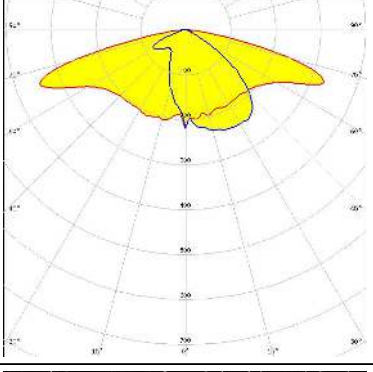

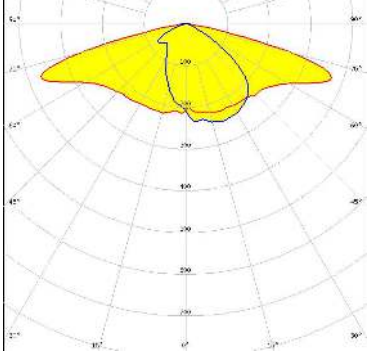
OPTICAL RESULTS (MEASURED):

SAMSUNG

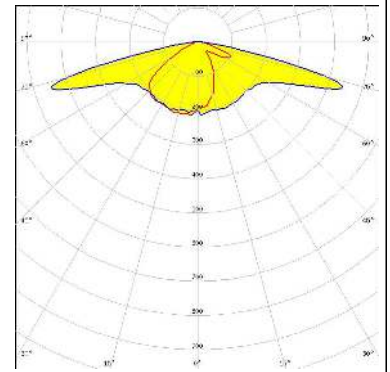
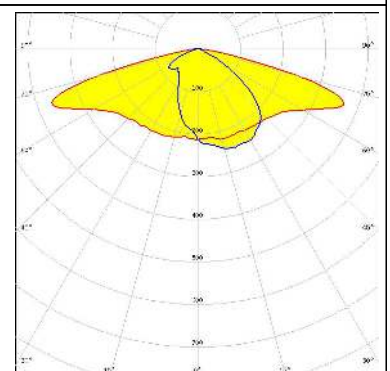
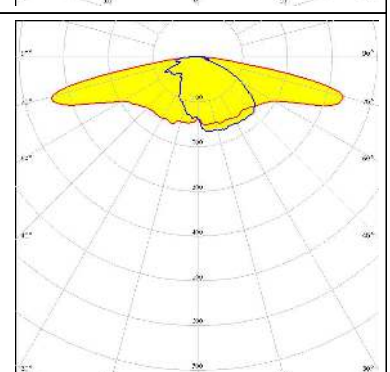
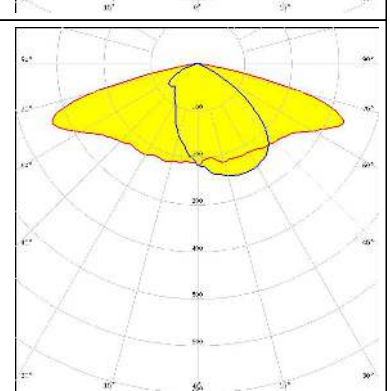
LED	HiLOM RM24 ZP (LH502D)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



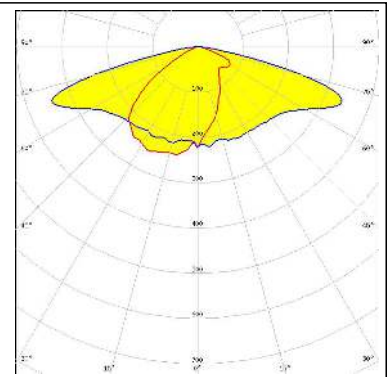
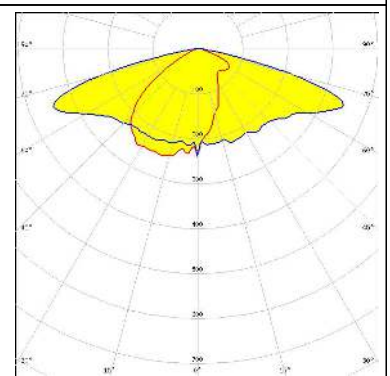
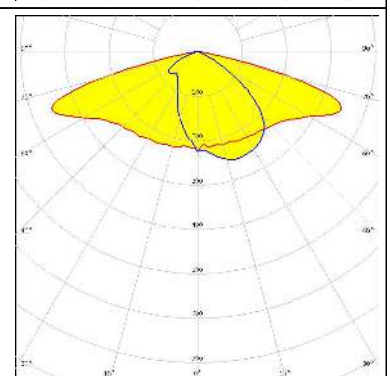
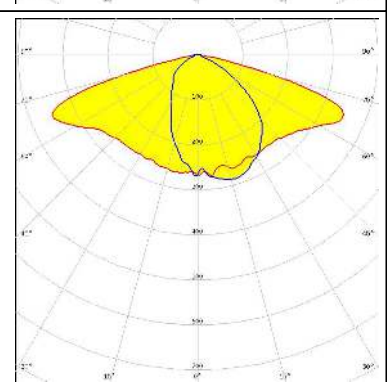
OPTICAL RESULTS (SIMULATED):

	<p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED J Series 5050 Round LES FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED J Series 5050B 6V K Class FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED J Series 5050C 6V E Class FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 HE FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: Asymmetric Efficiency: 86 % Peak intensity: 0.5 cd/lm LEDs/each optic: 4 Light colour: RGBW Required components:</p>	
<p>MST Your solutions</p> <p>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: White Required components:</p>	

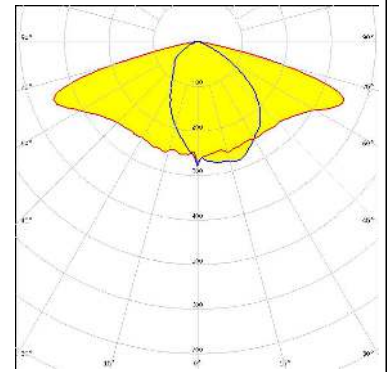
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NFMW48xA FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ S 5050 FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: HiLOM RM24 ZP (LH502C) FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH502C FWHM / FWTM: Asymmetric Efficiency: 93 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

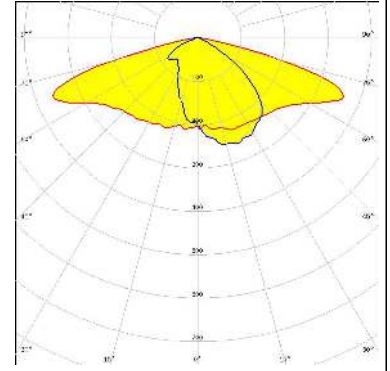
SAMSUNG

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



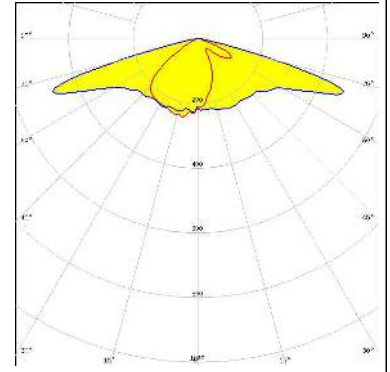
SAMSUNG

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

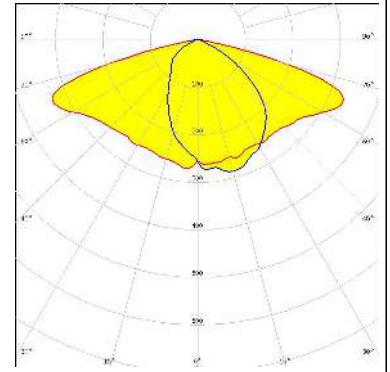


SAMSUNG

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



SEOUL SEMICONDUCTOR
 LED SEOUL DC 5050 6V
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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