

## STRADA-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups. Optimized for CREE XP-G and XP-E LEDs. Assembly with installation tape.

### SPECIFICATION:

Dimensions	19.6 x 15.5 mm
Height	10.8 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

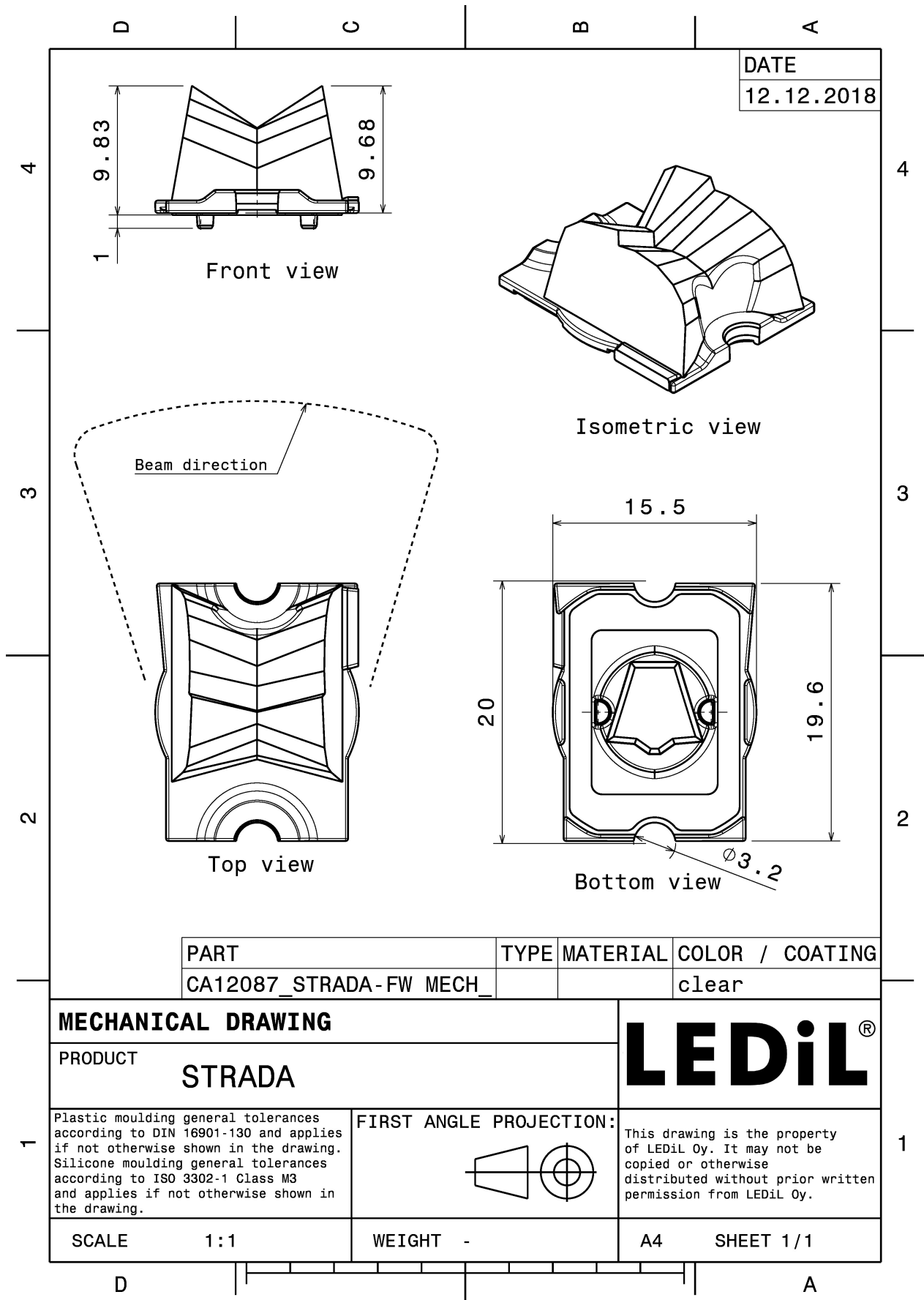


### MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-FW	Single lens	PMMA	clear	
VOSU-WU-M-365-TAPE	Tape	Acrylic foam		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12087_STRADA-FW	Single lens	3120	240	240	4.9
» Box size: 451 x 273 x 197 mm					



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

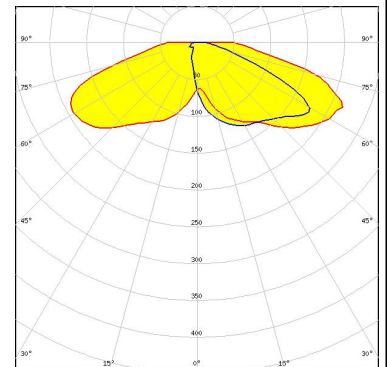
### OPTICAL RESULTS (MEASURED):



LED XM-L  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XM-L2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

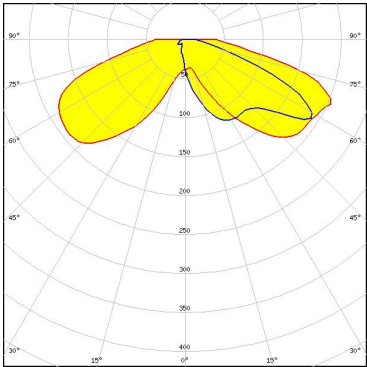
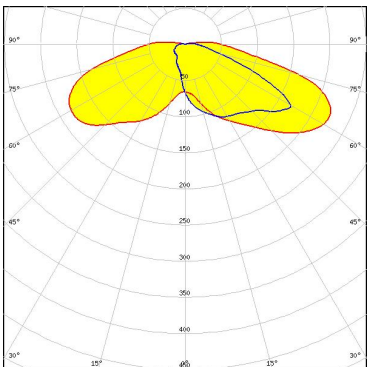
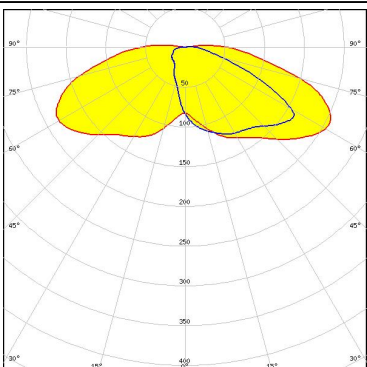



LED XP-E  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>LED XP-G2            FWHM / FWTM Asymmetric            Efficiency 93 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XP-L HD            FWHM / FWTM Asymmetric            Efficiency 93 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XP-L2            FWHM / FWTM Asymmetric            Efficiency 92 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XT-E            FWHM / FWTM Asymmetric            Efficiency %            LEDs/each optic 1            Light colour White            Required components:</p>	

### OPTICAL RESULTS (MEASURED):

#### LUMILEDS

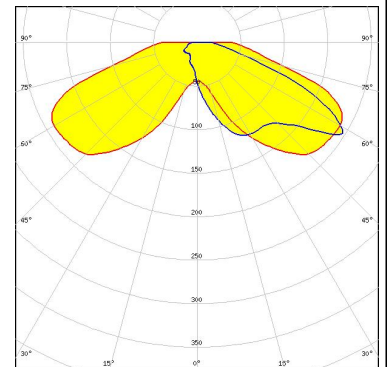
LED LUXEON Rebel  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

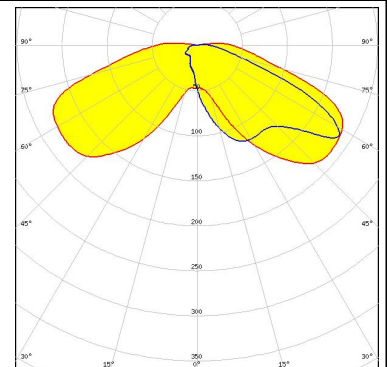
#### LUMILEDS

LED LUXEON T  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

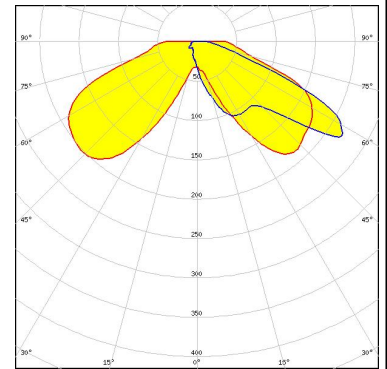
LED LUXEON TX  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):

#### LUMILEDS

LED LUXEON Z ES  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

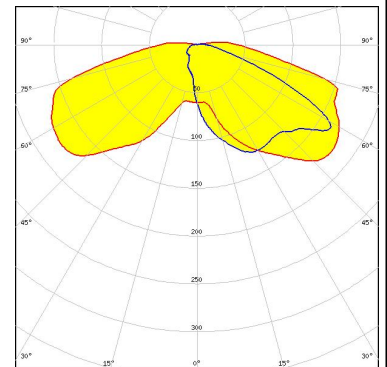


#### NICHIA

LED NCSxx19A  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### NICHIA

LED NVSW219D  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

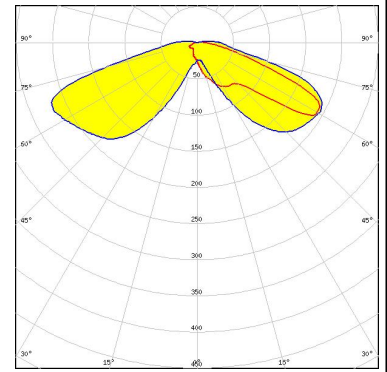
LED NVSxx19A  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



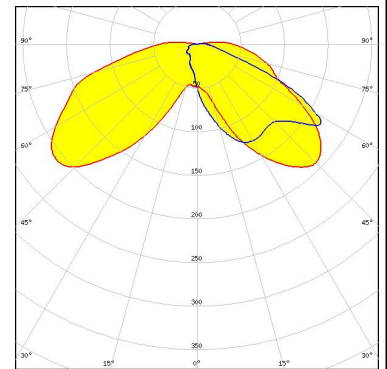
#### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### SAMSUNG

LED LH351Z  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

### OPTICAL RESULTS (MEASURED):

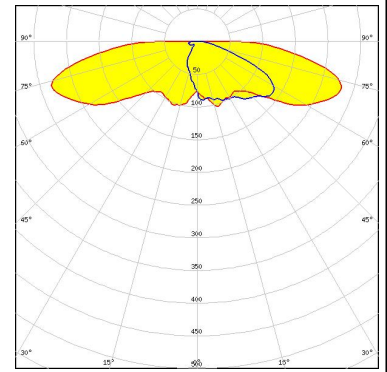




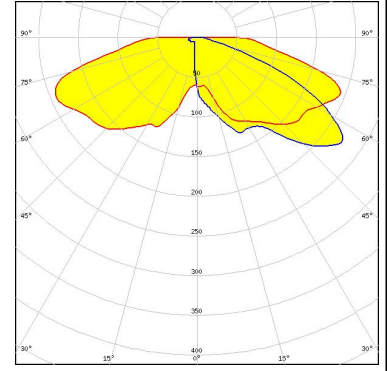
### OPTICAL RESULTS (SIMULATED):



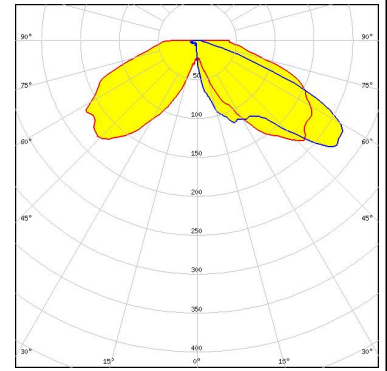
LED XHP35 HD  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



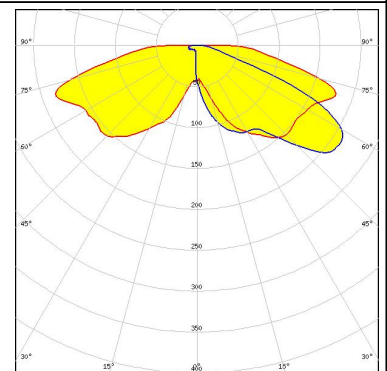
LED LUXEON MZ  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 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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