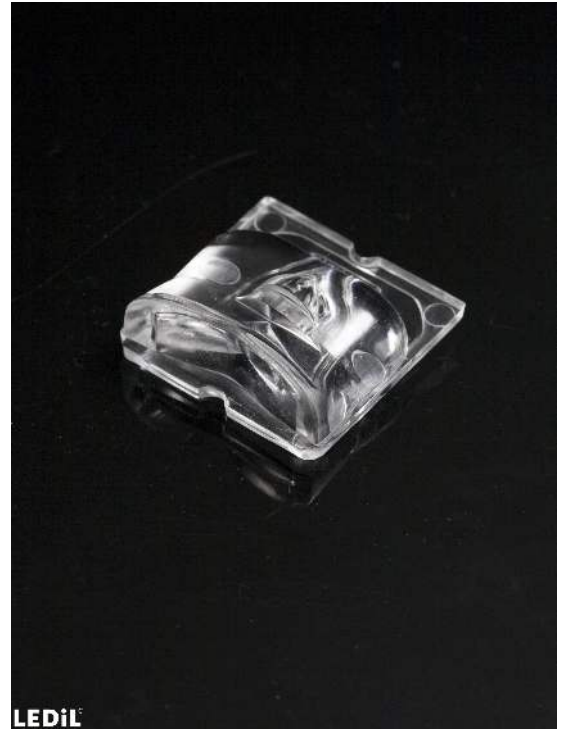


## STRADA-SQ-SCL

Type II/III (Long) beam for very wide pole to pole distances. Ideal for pedestrian path and residential road lighting. (EN13201 P-classes). Version with location pins. Assembly with installation tape.

### SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	9.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

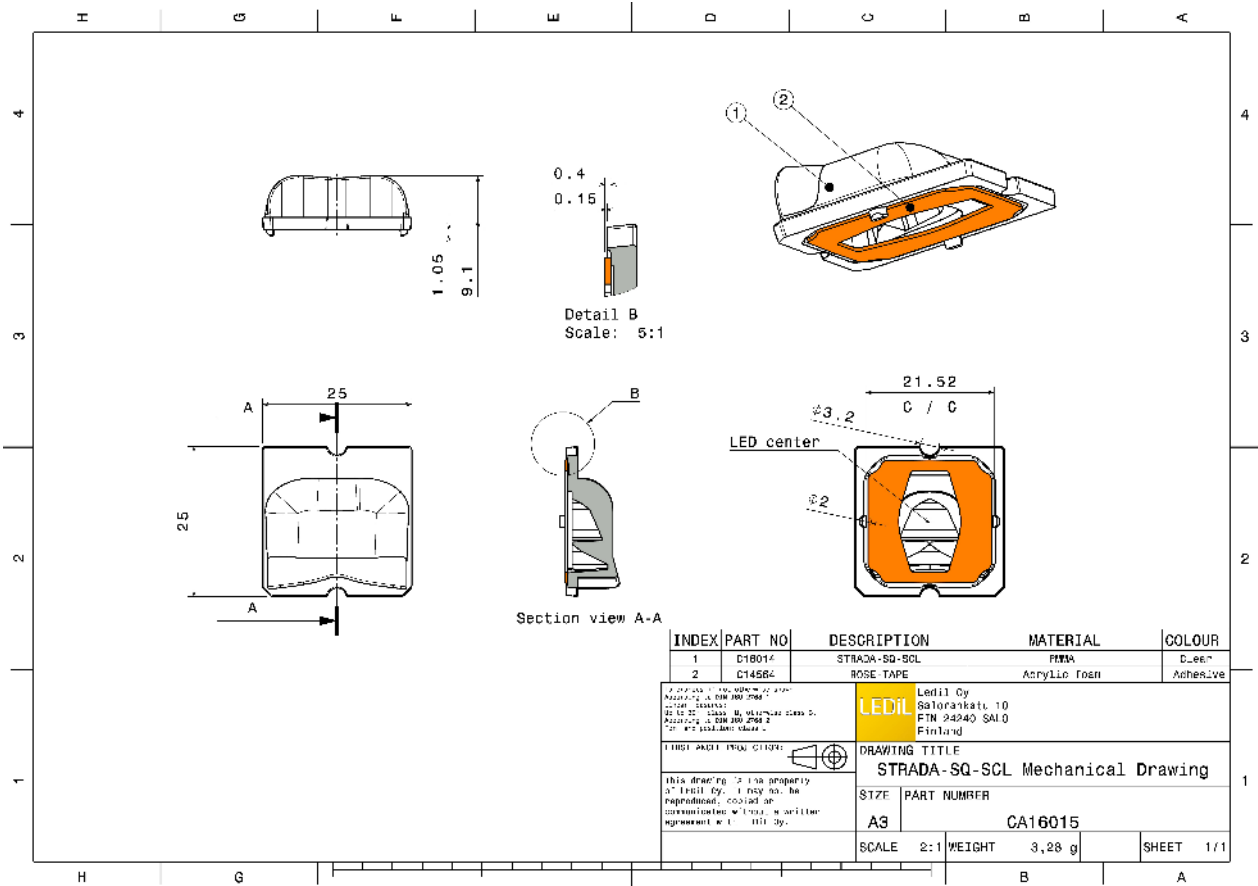


### MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-SQ-SCL	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16015_STRADA-SQ-SCL	Single lens	2058	294	98	8.8
» Box size: 480 x 280 x 300 mm					

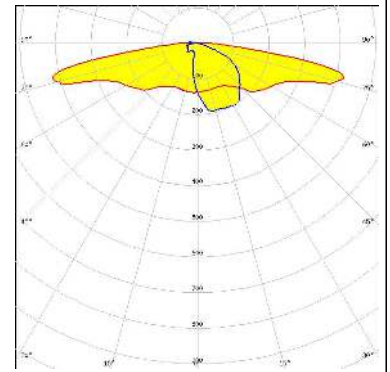


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

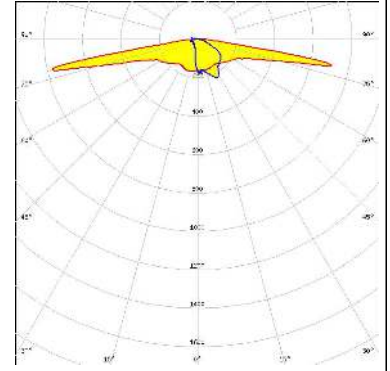
##### CREE LED

LED XHP50.2  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



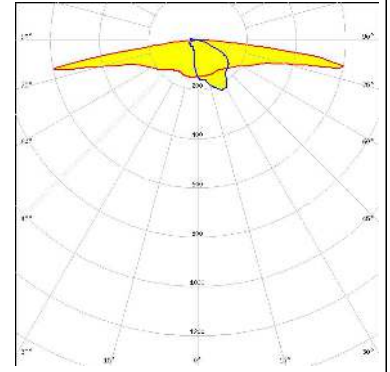
##### CREE LED

LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



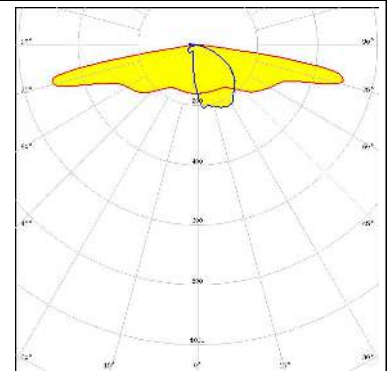
##### CREE LED

LED XP-L HD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

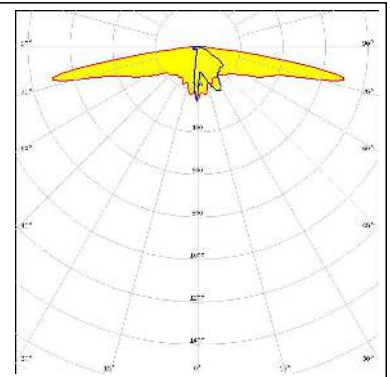
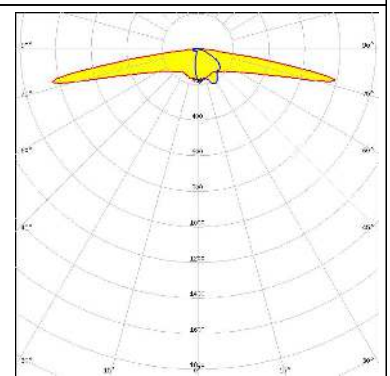
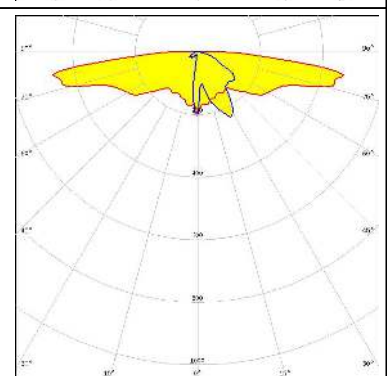
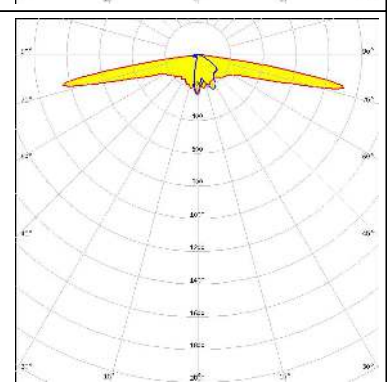
LED LUXEON 5050 Square LES  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON MZ FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LH181B FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

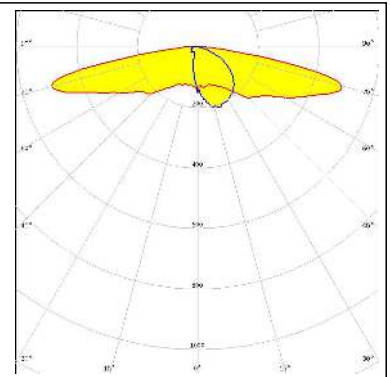
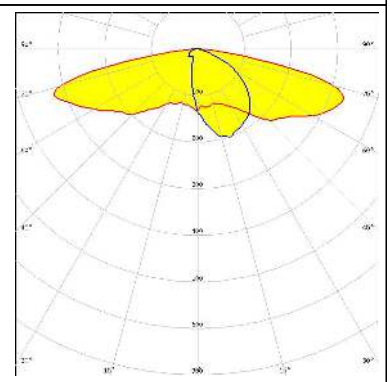
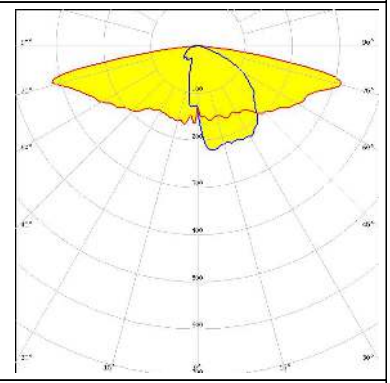
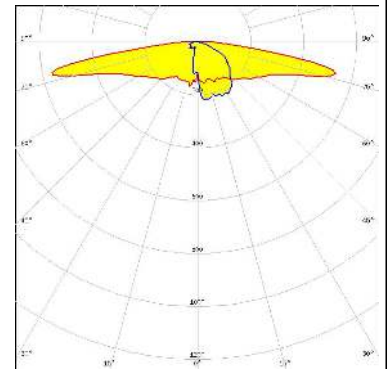
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED: XE-G            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 1 cd/lm            LEDs/each optic: 2            Light colour: Red            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XM-L2            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-E2            FWHM / FWTM: Asymmetric            Efficiency: 87 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 2            Light colour: Amber            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-G2            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XP-G3            FWHM / FWTM: Asymmetric            Efficiency: 72 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES            FWHM / FWTM: Asymmetric            Efficiency: 90 %            Peak intensity: 0.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES            FWHM / FWTM: Asymmetric            Efficiency: 73 %            Peak intensity: 0.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Square LES            FWHM / FWTM: Asymmetric            Efficiency: 73 %            Peak intensity: 0.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            Protective plate, glass</p>	

#### OPTICAL RESULTS (SIMULATED):

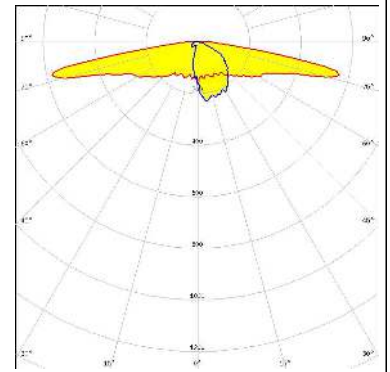
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070            FWHM / FWTM: Asymmetric            Efficiency: 71 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p> <p style="background-color: #ADD8E6; padding: 2px;">Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON M/MX            FWHM / FWTM: Asymmetric            Efficiency: 74 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p> <p style="background-color: #ADD8E6; padding: 2px;">Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON M/MX            FWHM / FWTM: Asymmetric            Efficiency: 90 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

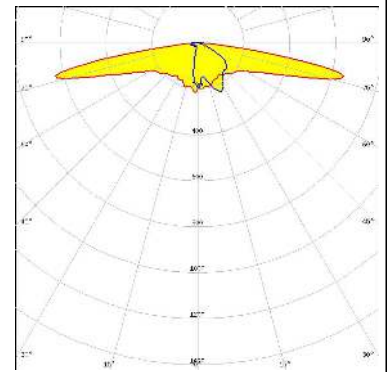
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LH351B  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.9 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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