

## STRADA-2X2-FS3

Forward throw beam optimized for European tunnels lighting with counter-beam method

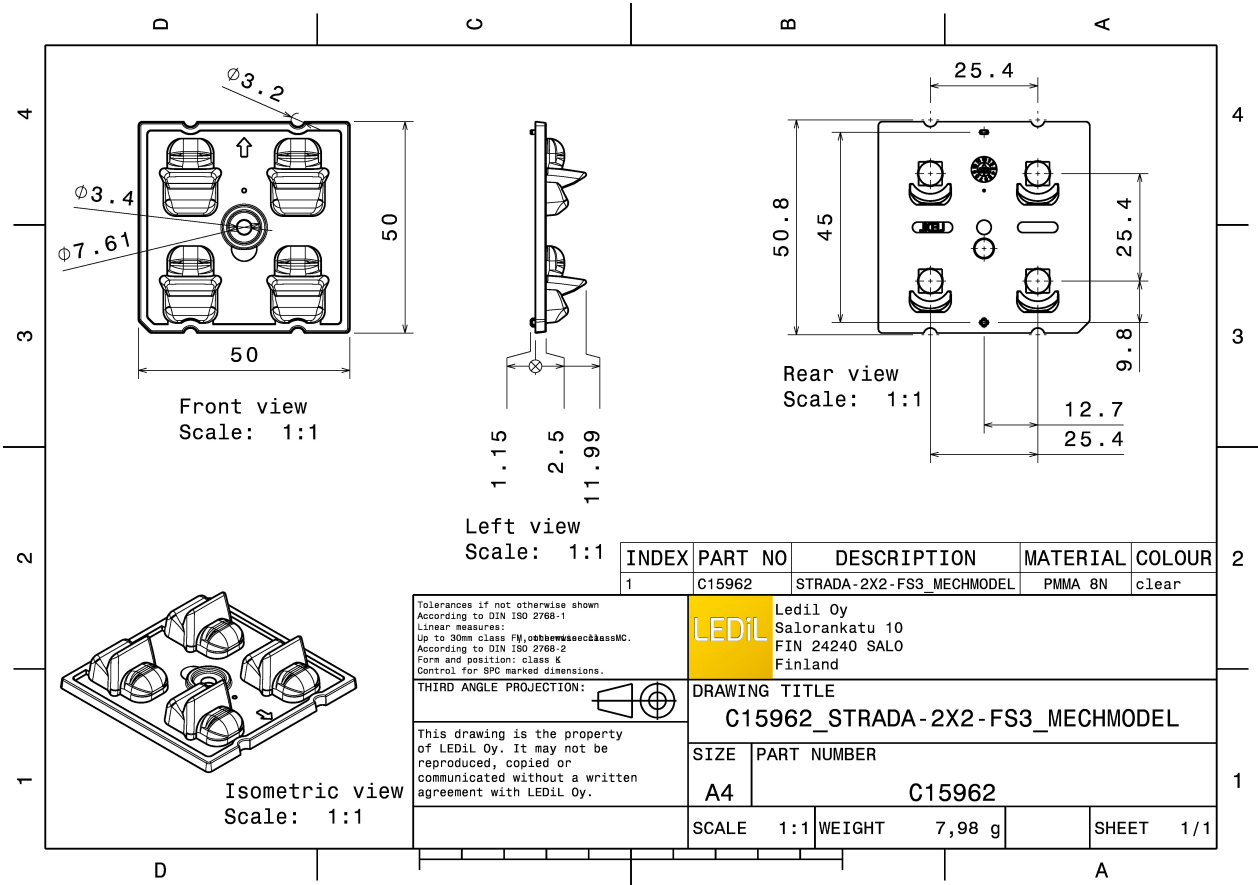
### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	12 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.1 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ


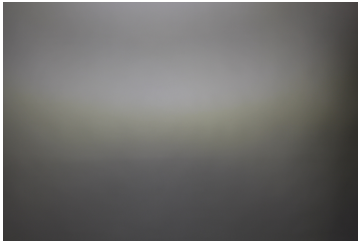
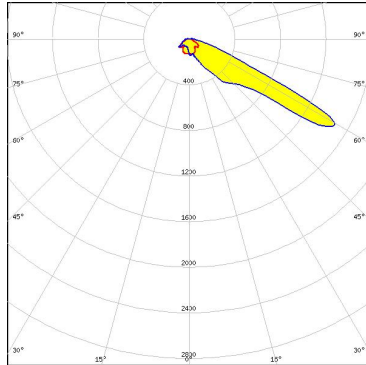

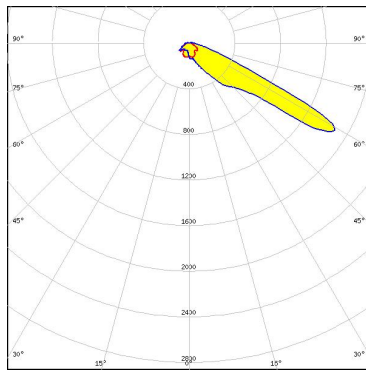

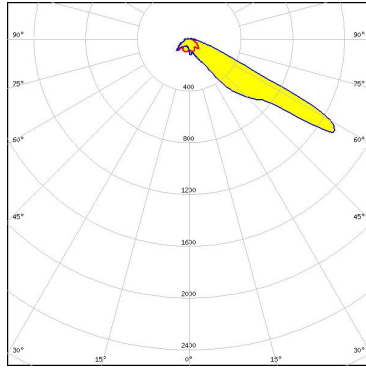


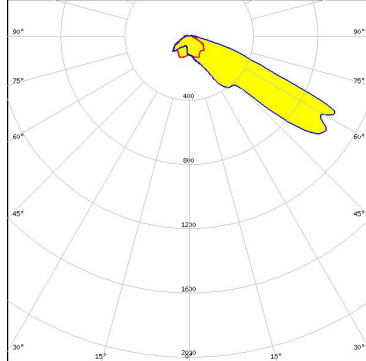


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2-FS3	Lens	PMMA	clear



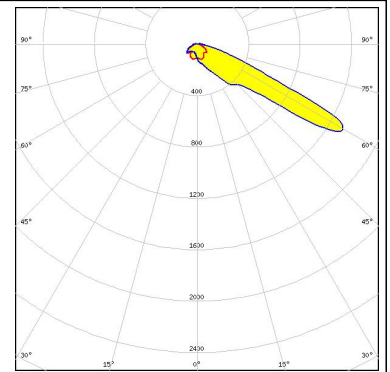
#### PHOTOMETRIC DATA (MEASURED):

 <p> <b>LED</b> QUICK FLUX XTP 2x4 xxx LS G5  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 1.700 cd/lm  <b>Required components:</b> </p>		
 <p> <b>LED</b> QUICK FLUX XTP 2x6 xxx LS G5  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 1.700 cd/lm  <b>Required components:</b> </p>		
 <p> <b>LED</b> XD16  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 91 %  <b>Peak intensity</b> 2.100 cd/lm  <b>Required components:</b> </p>		
 <p> <b>LED</b> XD16 2x2 cluster  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 1.100 cd/lm  <b>Required components:</b> </p>		

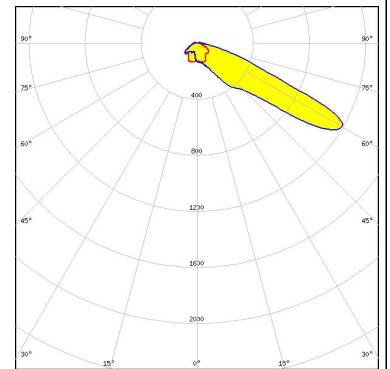
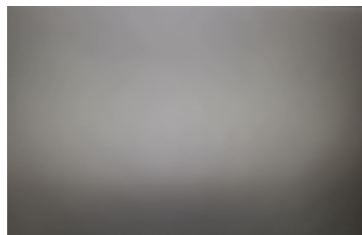
#### PHOTOMETRIC DATA (MEASURED):



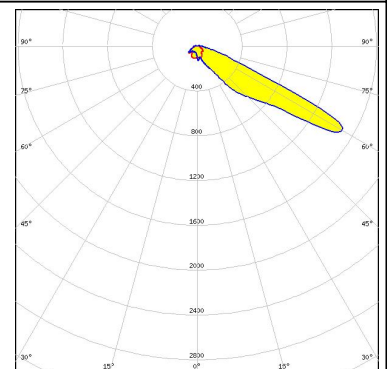
LED XP-G3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



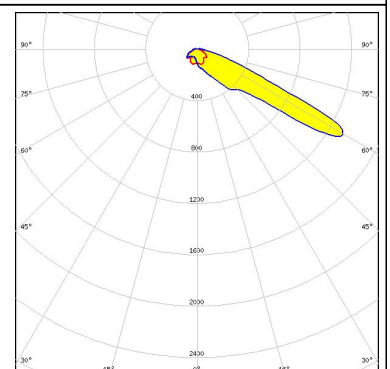
LED LUXEON V  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:




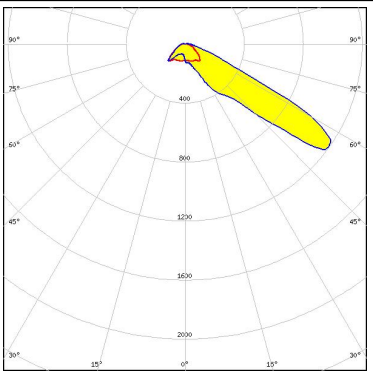
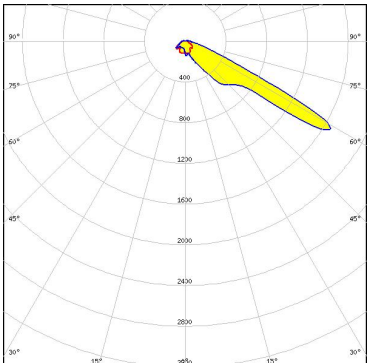
LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 2.000 cd/lm  
Required components:



LED Fortimo FastFlex LED board 2x8 DAX G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



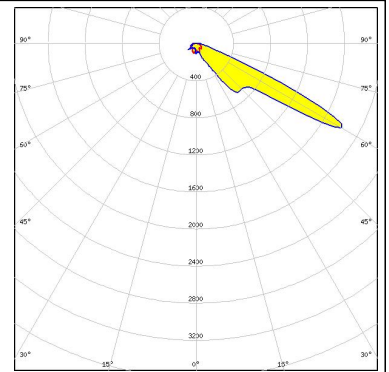
#### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM Asymmetric Efficiency 94 % Peak intensity 1.500 cd/lm Required components:</p>	
<p><b>TRIDONIC</b></p> <p>LED RLE G2 HP 2x8 4000lm FWHM Asymmetric Efficiency 94 % Peak intensity 2.200 cd/lm Required components:</p>	

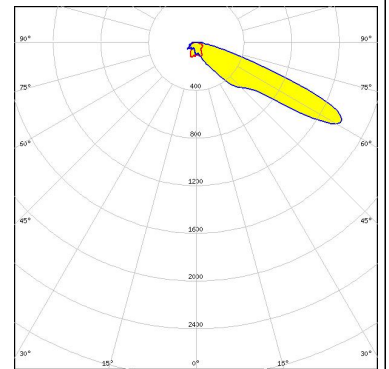
#### PHOTOMETRIC DATA (SIMULATED):



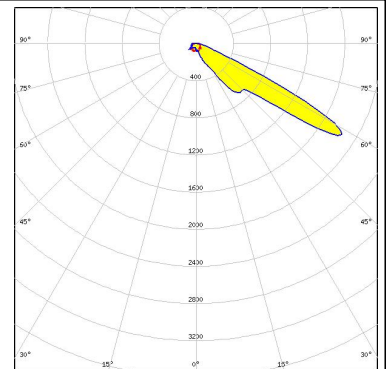
LED LUXEON 3030 2D (Round LES)  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 1.810 cd/lm  
 Required components:



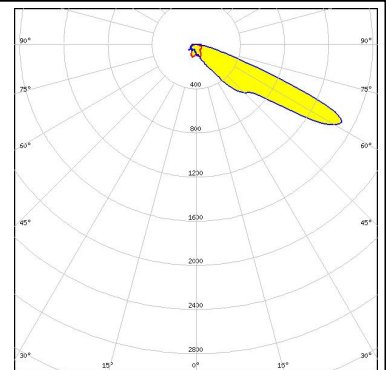
LED NVSW3x9A  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.400 cd/lm  
 Required components:



LED NVSxE21A  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 1.900 cd/lm  
 Required components:



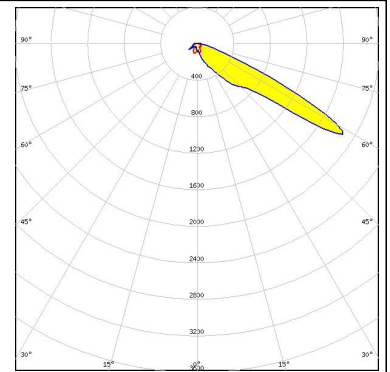
LED NVSxx19B/NVSxx19C  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 1.500 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

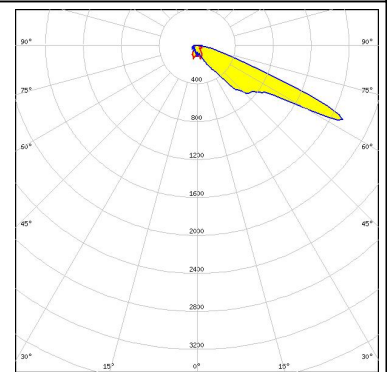
**OSRAM**  
Opto Semiconductors

LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.880 cd/lm  
Required components:



**PHILIPS**

LED Fortimo FastFlex LED board 2x8 DA G4  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.700 cd/lm  
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

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

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