

## STRADA-2X2-5050-FR

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative. Variant optimized for flat 5050 size LED packages.



### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	11.8 mm
Fastening	pin, screw
ROHS compliant	yes 

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-5050-FR	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

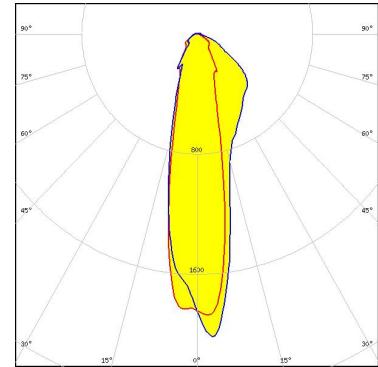
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17245_STRADA-2X2-5050-FR	800	160	160	12.1
» Box size: 480 x 280 x 300 mm				



## PHOTOMETRIC DATA (MEASURED):

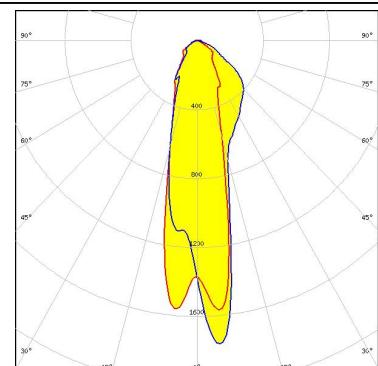
### LUMILEDS

LED LUXEON XR-5050 SQR (L213-xxxx016MRH001)  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



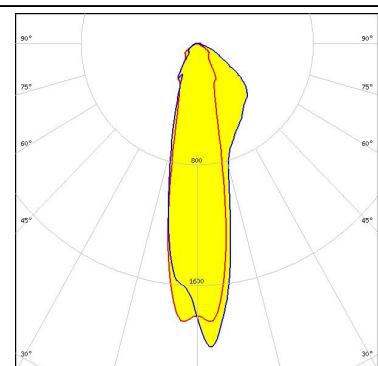
### MST | Your solutions

LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

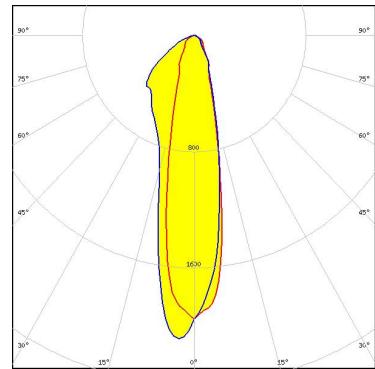


### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

LED LUXEON 5050 HE  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

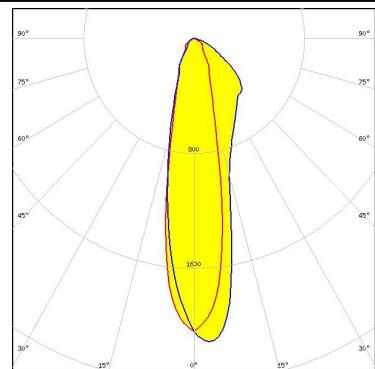
Protective plate, glass



#### LUMILEDS

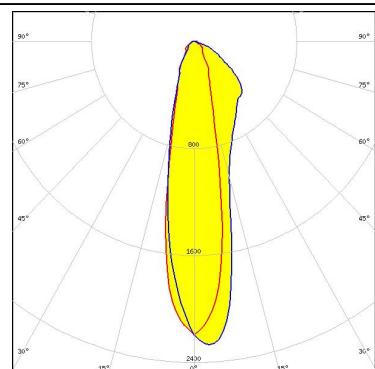
LED LUXEON 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



#### LUMILEDS

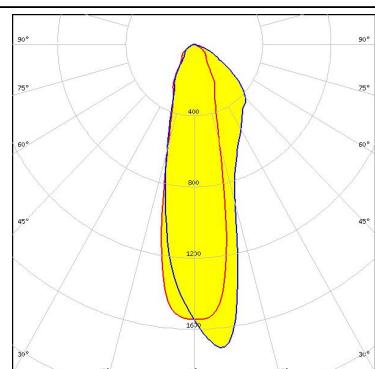
LED LUXEON 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

LED LUXEON 5050 Square LES  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

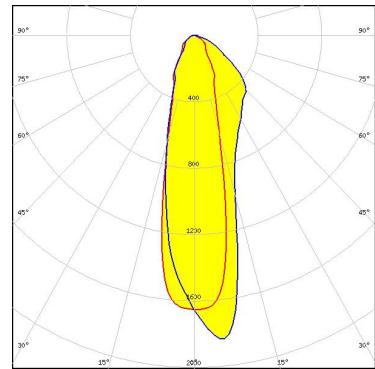


### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

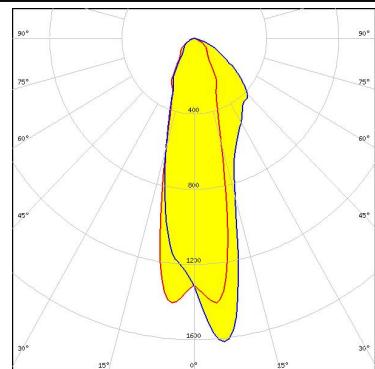


#### OSRAM

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

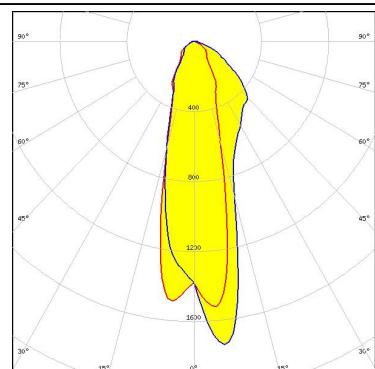
Protective plate, glass



#### OSRAM

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

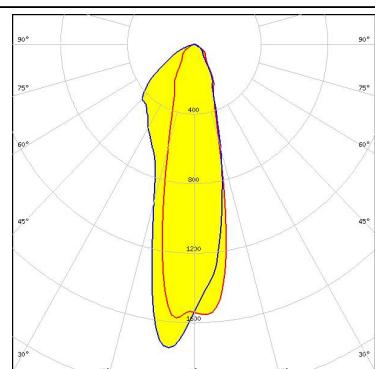


#### SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



## PHOTOMETRIC DATA (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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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