## STRADA-2X2-5050-FR

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

## SPECIFICATION:

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



## **MATERIALS:**

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

## **ORDERING INFORMATION:**

Box weight (kg) Component Qty in box MOQ MPQ C17245 STRADA-2X2-5050-FR 800 160 160 12.1

» Box size: 480 x 280 x 300 mm

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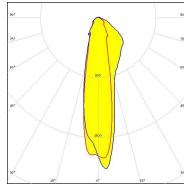


## **OPTICAL RESULTS (MEASURED):**



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:



## Your solution

LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1

FWHM / FWTM Asymmetric

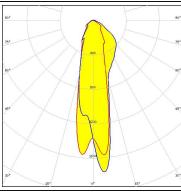
Efficiency 96 %

Peak intensity 1.8 cd/lm

LEDs/each optic 1

Light colour White

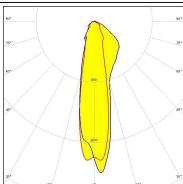
Required components:



## 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:



## **OPTICAL RESULTS (SIMULATED):**



Light colour

LED XP-G3

FWHM / FWTM Asymmetric

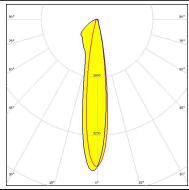
Efficiency 84 %
Peak intensity 4.2 cd/lm

LEDs/each optic 1

Required components:

Protective plate, glass

White



## **MUMILEDS**

LED LUXEON 5050 HE

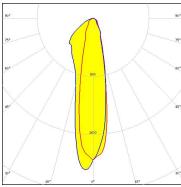
FWHM / FWTM Asymmetric
Efficiency 86 %

Peak intensity 2.1 cd/lm LEDs/each optic 1

Required components:

Light colour

Protective plate, glass



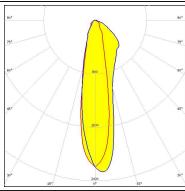
## **MUMILEDS**

LED LUXEON 5050 Round LES

White

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 2.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:



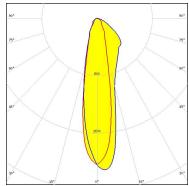
## **MUMILEDS**

Required components:

LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



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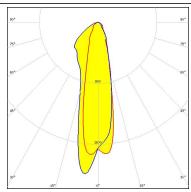
## **OPTICAL RESULTS (SIMULATED):**



LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



## LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric

Efficiency 86 %

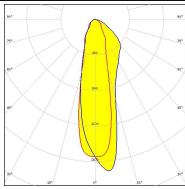
Peak intensity 1.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

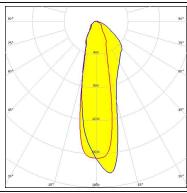


## **MATERIAL PROPERTY OF THE PROP**

LED LUXEON 5050 Square LES

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

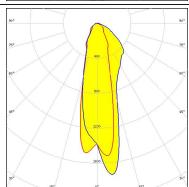
Required components:



## **OSRAM**

LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1.8 cd/lm

LEDs/each optic 1
Light colour White
Required components:



## **OPTICAL RESULTS (SIMULATED):**



LED FWHM / FWTM

Duris S8 Asymmetric

Efficiency

86 %

Peak intensity

1.6 cd/lm

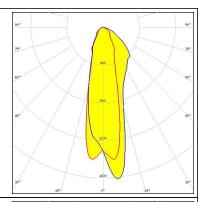
LEDs/each optic

Light colour

White

Required components:

Protective plate, glass



LED

Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM

Asymmetric

Efficiency

86 %

Peak intensity

1.8 cd/lm

LEDs/each optic

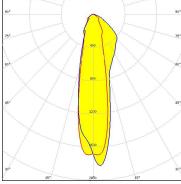
1

Light colour

White

Required components:

Protective plate, glass



LED

SEOUL DC 5050 6V

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 

Asymmetric

Efficiency

86 %

Peak intensity

1.8 cd/lm

LEDs/each optic

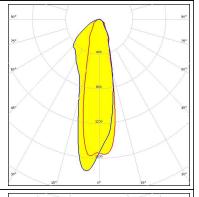
1

Light colour

White

Required components:

Protective plate, glass



#### SEOUL SEOUL SEMICONDUCTOR

LED

Efficiency

Light colour

SEOUL DC 5050 6V

FWHM / FWTM

Asymmetric

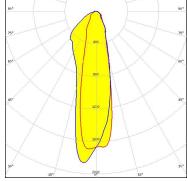
Peak intensity

93 % 1.9 cd/lm

LEDs/each optic

White

Required components:



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## **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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