

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	Length
STRADA-2X2-5050-FR	Multi-lens	PMMA	clear		50.0

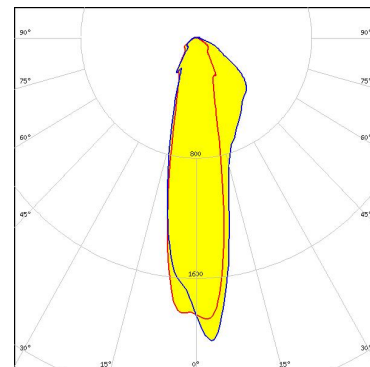
ORDERING INFORMATION:

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

OPTICAL RESULTS (MEASURED):



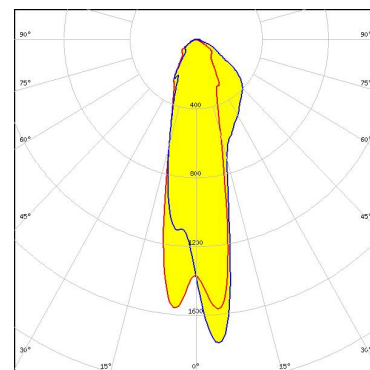
LED LUXEON XR-5050 SQR (L213-xxxx016MRH001)
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



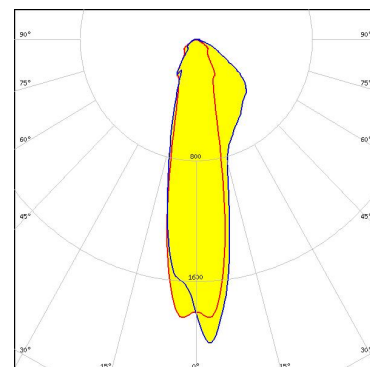
LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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



Light distribution files

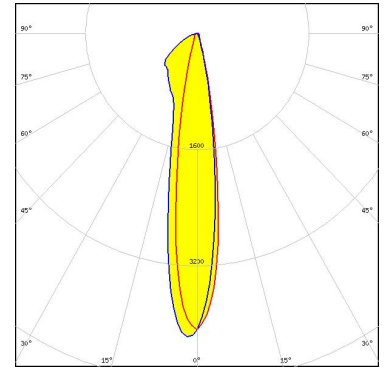
OPTICAL RESULTS (SIMULATED):



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

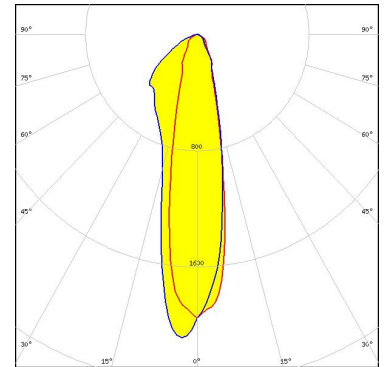
Light distribution files



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

Protective plate, glass

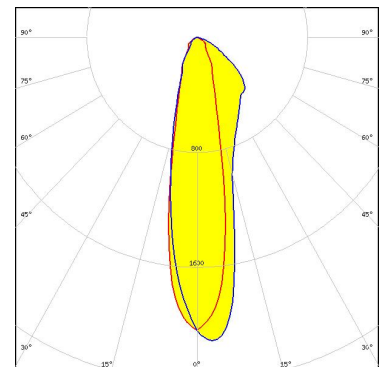
Light distribution files



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

Protective plate, glass

Light distribution files



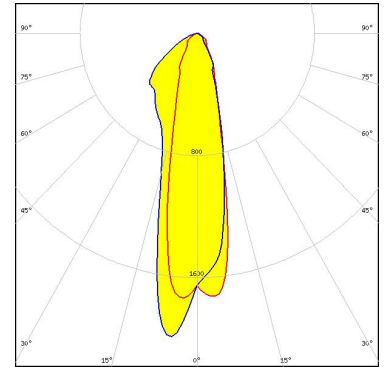
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

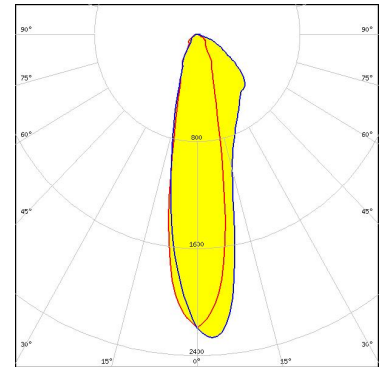
Protective plate, glass

Light distribution files



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

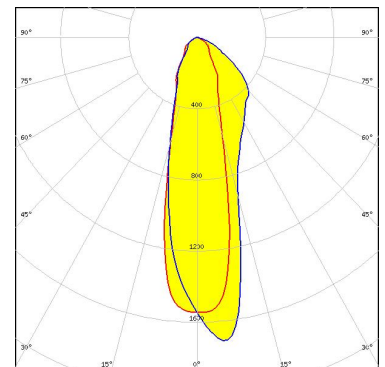
Light distribution files



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

Protective plate, glass

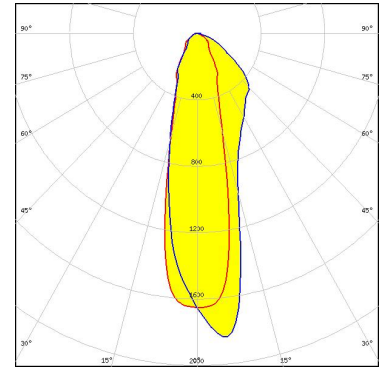
Light distribution files



OPTICAL RESULTS (SIMULATED):



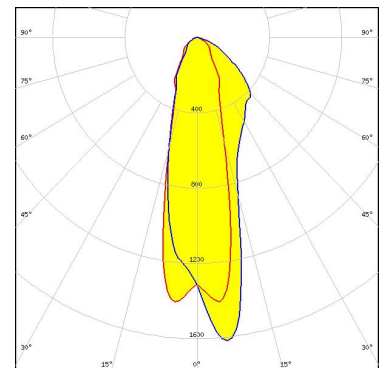
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

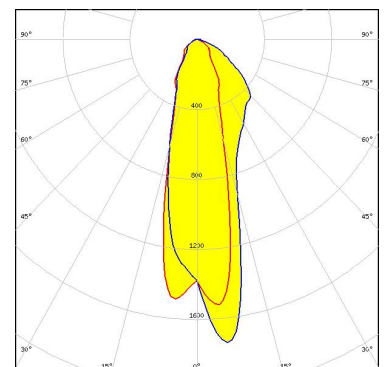


Light distribution files

Protective plate, glass



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



Light distribution files

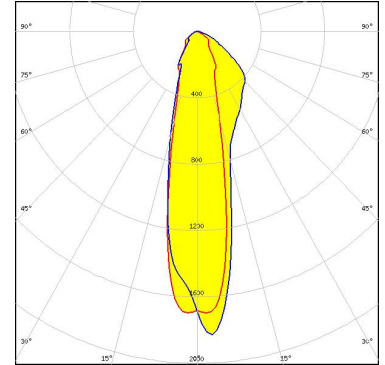
OPTICAL RESULTS (SIMULATED):

PHILIPS

LED	Fortimo FastFlex LED 2x8 DA HE
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

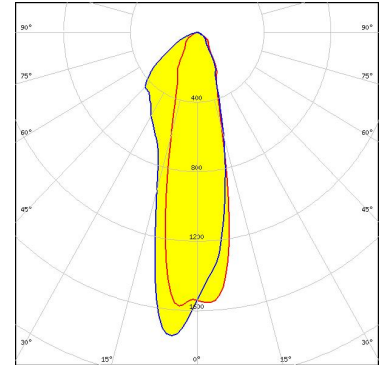
Light distribution files



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

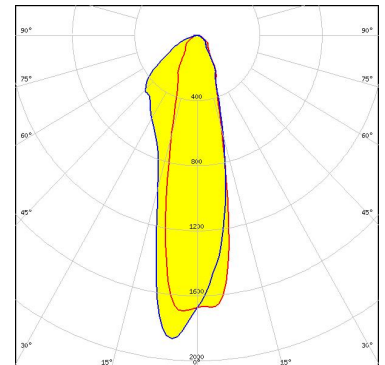
Protective plate, glass

Light distribution files



LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



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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