LEDiL®

PRODUCT FAMILY DATASHEET
SPECTRE-Y-2X2

SPECTRE

Specially coloured lenses that take out ~99 % of the blue light spectrum from white light LEDs with incredibly high efficiency.

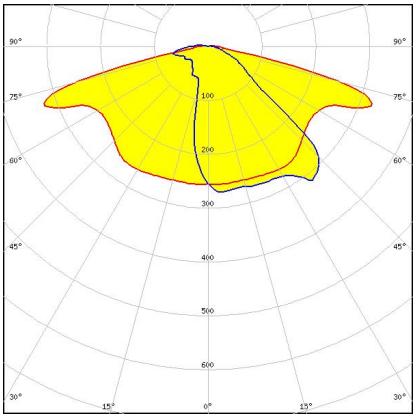
SPECTRE lenses take out ~99 % of the blue light spectrum from white light LEDs with incredibly high efficiency. The lenses share the same footprint and light distributions as LEDiL STRADA and AMBER lenses.

SPECTRE-Y-2X2

50 x 50 mm 2X2 arrays in a special yellow colour for up to 5050 size LED packages.

PRODUCTS:

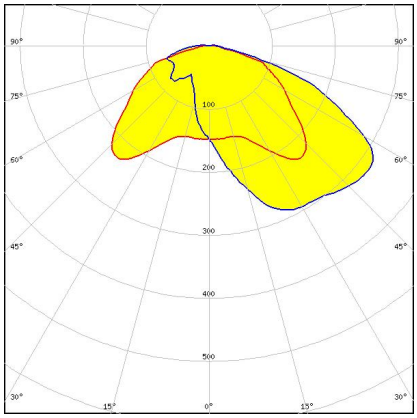
L20619_SPECTRE-Y-2X2-ME



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less the pole height.

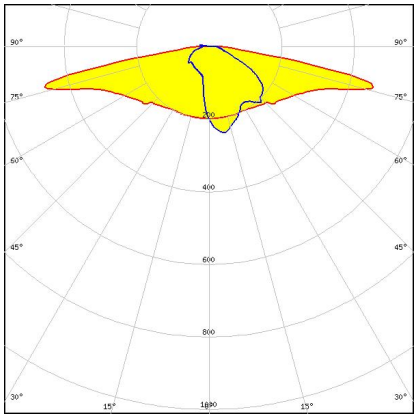
L20618_SPECTRE-Y-2X2-T4



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

IESNA Type IV beam for wider roads and large outdoor area.

L20617_SPECTRE-Y-2X2-SCL



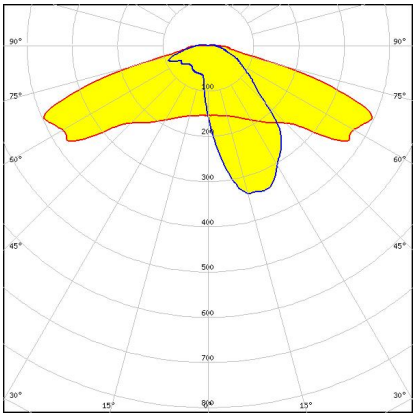
Dimensions: 50.0 mm x 50.0 mm
Height: 7.80 mm

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PRODUCTS:

L20620_SPECTRE-Y-2X2-T2



Dimensions: 50.0 mm x 50.0 mm

Height: 7.70 mm

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads.

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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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