STELLA

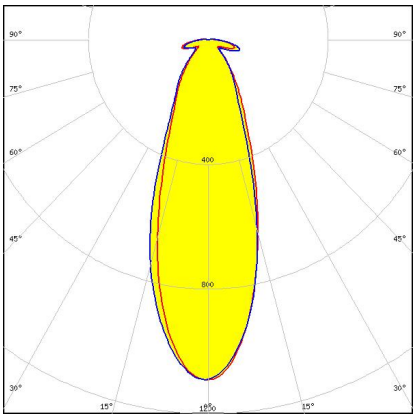
Ø90 mm ingress protected silicone lenses for street, wide area and high bay lighting and up to 30 mm LES size COBs

STELLA is a large family of self-sealing silicone lenses allowing ingress protection from dirt, dust and water. STELLA lenses are compatible with the latest COBs guaranteeing enough power to back up your applications. The family consists of various street, wide area and high bay beams. Lens height varies from 11.3 to 40.2 mm and can fit a maximum Ø52 x 6 mm connector. Asymmetric beams compatible with up to 23 mm LES sizes and symmetric with up to 30 mm LES sizes.



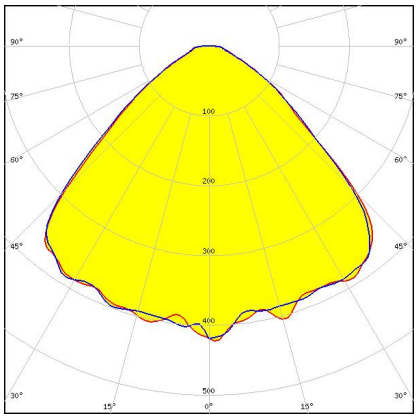
PRODUCTS:

F14627_STELLA-FRESNEL



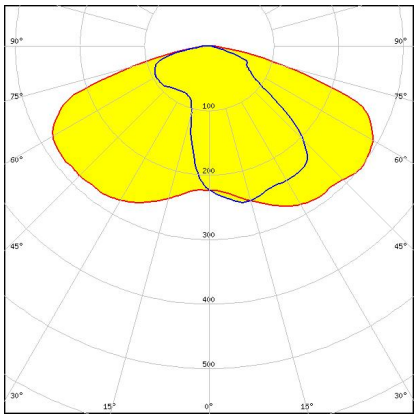
Dimensions: 85.0 mm x 85.0 mm
Height: 23.00 mm
~25° beam for UV-C, warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs.

F15263_STELLA-HB-WWW



Dimensions: 85.0 mm x 85.0 mm
Height: 11.30 mm
~100° very wide beam for UV-C, warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs.

FN13323_STELLA-A

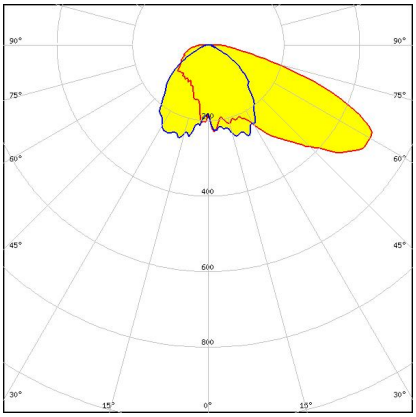


Dimensions: 90.0 mm x 90.0 mm
Height: 22.00 mm
Type II and III beam for street lighting. Compatible with up to 23 mm LES size COBs. Variant with black frame.

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

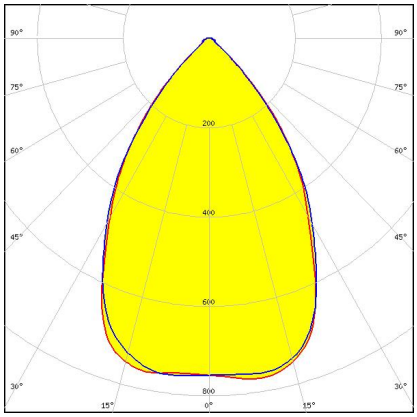
PRODUCTS:

FN16358_STELLA-G2-T4



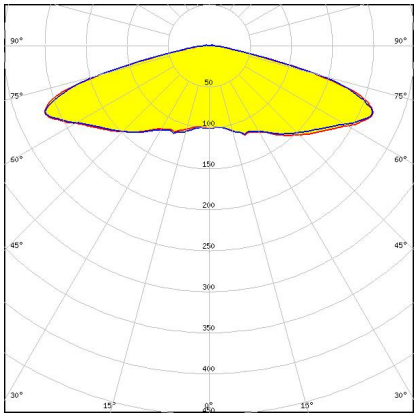
Dimensions: 90.0 mm x 90.0 mm
Height: 45.15 mm
IESNA Type IV light distribution for wider roads and large outdoor areas. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN15186_STELLA-HB



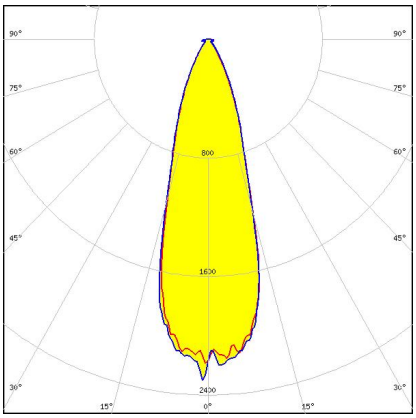
Dimensions: 90.0 mm x 90.0 mm
Height: 19.50 mm
~75° high bay beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with white frame.

FN16481_STELLA-G2-VSM



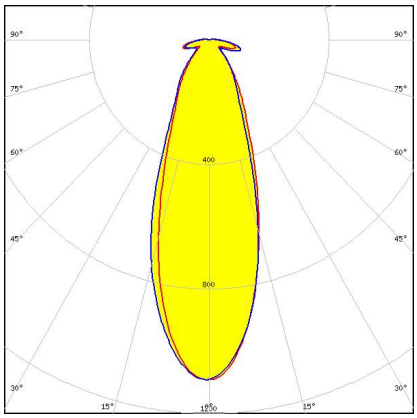
Dimensions: 90.0 mm x 90.0 mm
Height: 25.60 mm
IESNA Type V (square) beam for wide areas such as car parks. Compatible with up to 30 mm LES size COBs. Variant with white frame.

FN16258_STELLA-RS



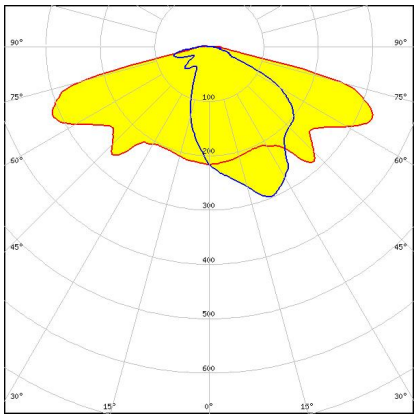
Dimensions: 90.0 mm x 90.0 mm
Height: 39.15 mm
~25° spot beam. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN14720_STELLA-FRESNEL



Dimensions: 90.0 mm x 90.0 mm
Height: 23.00 mm
~25° beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN16479_STELLA-G2-T3

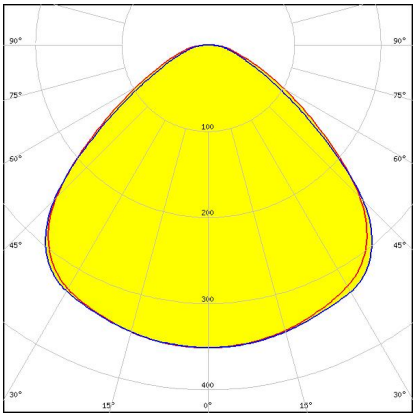


Dimensions: 90.0 mm x 90.0 mm
Height: 40.20 mm
IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Compatible with up to 30 mm LES size COBs. Variant with white frame.

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

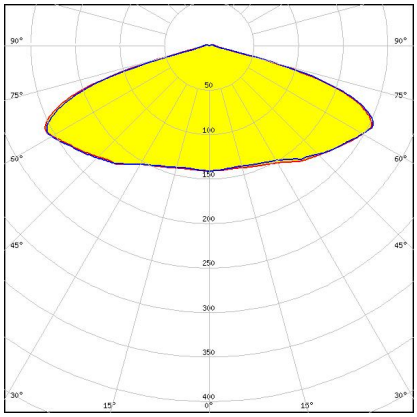
PRODUCTS:

FN15264_STELLA-HB-WWW



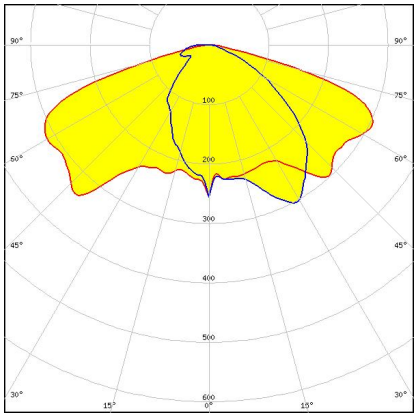
Dimensions: 90.0 mm x 90.0 mm
Height: 11.30 mm
~100° very wide beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN16477_STELLA-VSM



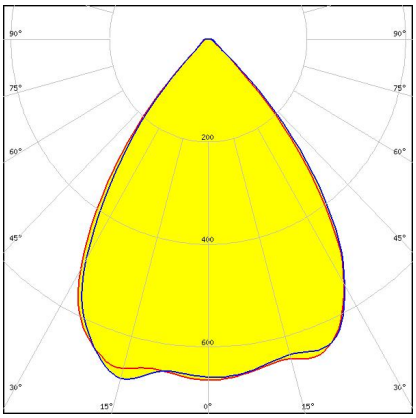
Dimensions: 90.0 mm x 90.0 mm
Height: 20.70 mm
IESNA Type V (square) beam for wide areas such as car parks. Compatible with up to 30 mm LES size COBs. Variant with white frame.

FN15189_STELLA-DWC2



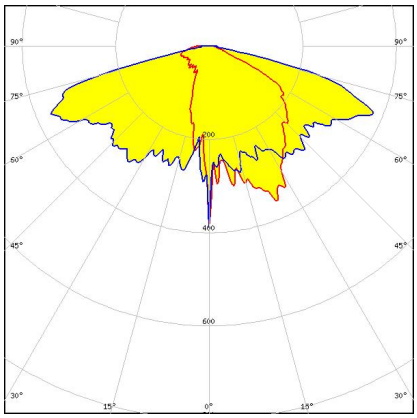
Dimensions: 90.0 mm x 90.0 mm
Height: 19.25 mm
Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. Compatible with up to 23 mm LES size COBs. Variant with white frame.

FN14074_STELLA-HB



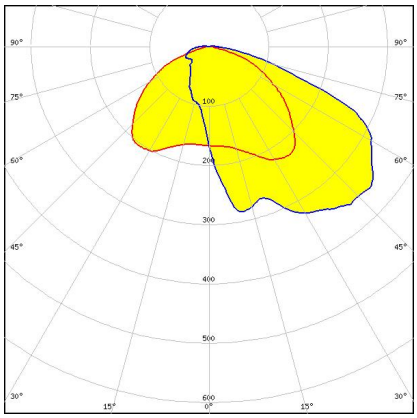
Dimensions: 90.0 mm x 90.0 mm
Height: 19.50 mm
~75° high bay beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size. Variant with black frame. COBs.

FN16441_STELLA-G2-T3



Dimensions: 90.0 mm x 90.0 mm
Height: 40.20 mm
IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN15187_STELLA-T4

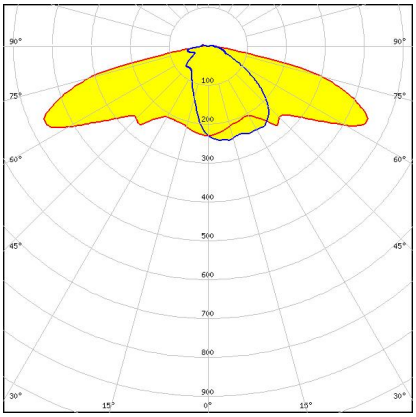


Dimensions: 90.0 mm x 90.0 mm
Height: 26.90 mm
IESNA Type IV for wider roads and area lighting like car parks and gardens. Compatible with up to 23 mm LES size COBs. Variant with white frame.

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

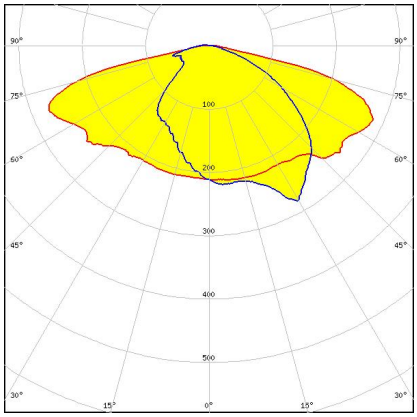
PRODUCTS:

FN16356_STELLA-G2-T2



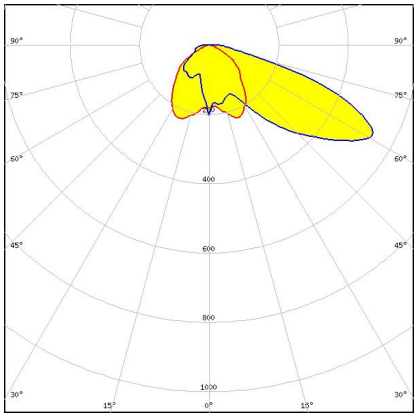
Dimensions: 90.0 mm x 90.0 mm
Height: 27.00 mm
IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN14976_STELLA-DWC2



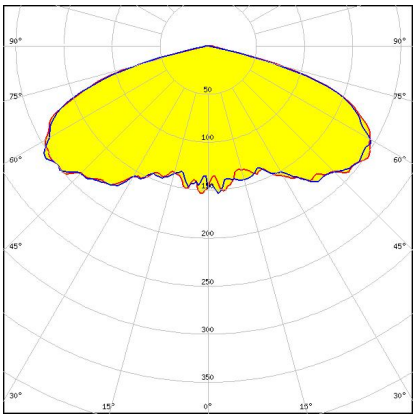
Dimensions: 90.0 mm x 90.0 mm
Height: 19.25 mm
Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. Compatible with up to 23 mm LES size COBs. Variant with black frame..

FN16480_STELLA-G2-T4



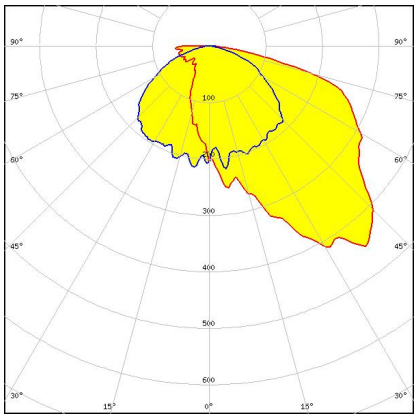
Dimensions: 90.0 mm x 90.0 mm
Height: 45.15 mm
IESNA Type IV for wider roads and area lighting like car parks and yards. Compatible with up to 30 mm LES size COBs. Variant with white frame.

FN15379_STELLA-VSM



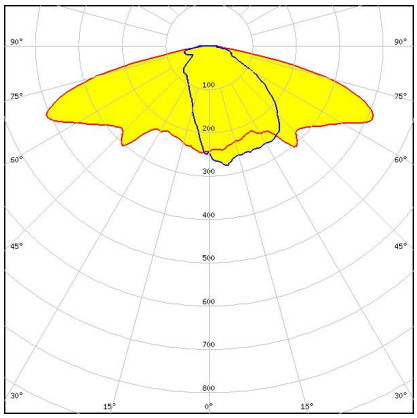
Dimensions: 90.0 mm x 90.0 mm
Height: 20.70 mm
IESNA Type V (square) for wide areas lighting such as car parks. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN14645_STELLA-T4



Dimensions: 90.0 mm x 90.0 mm
Height: 26.90 mm
IESNA Type IV for wider roads and area lighting like car parks and gardens. Compatible with up to 23 mm LES size COBs. Variant with black frame.

FN16478_STELLA-G2-T2

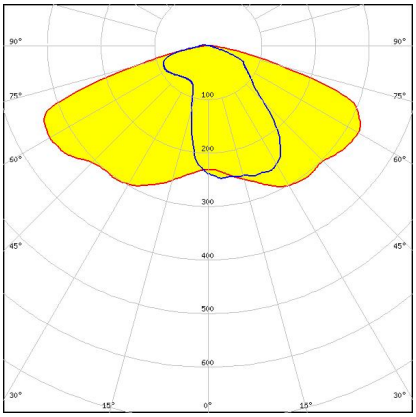


Dimensions: 90.0 mm x 90.0 mm
Height: 27.00 mm
IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Compatible with up to 30 mm LES size COBs. Variant with white frame.

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

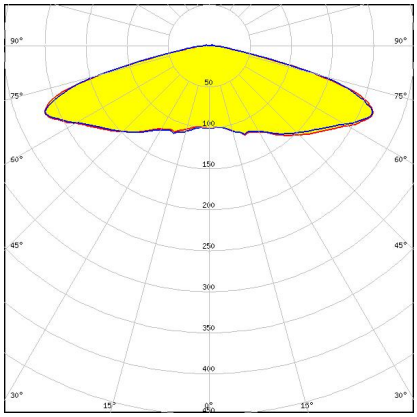
PRODUCTS:

FN14253_STELLA-A



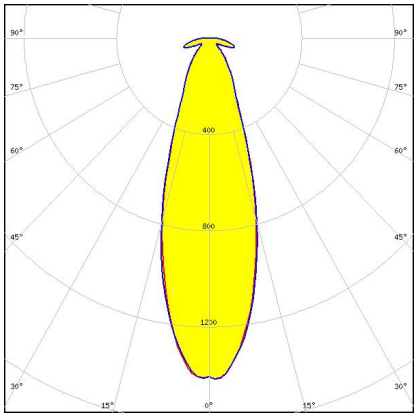
Dimensions: 90.0 mm x 90.0 mm
Height: 22.00 mm
Type II and III beam for street lighting. Compatible with up to 23 mm LES size COBs. Variant with white frame.

FN16443_STELLA-G2-VSM



Dimensions: 90.0 mm x 90.0 mm
Height: 25.60 mm
IESNA Type V (square) beam for wide areas such as car parks. Compatible with up to 30 mm LES size COBs. Variant with black frame.

FN15188_STELLA-FRESNEL



Dimensions: 90.0 mm x 90.0 mm
Height: 23.00 mm
~25° street beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with white frame.

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

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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