

# LINNEA

Linear lenses with integrated clip fixing compatible with many different LED modules on the market

LINNEA is a low profile linear design family that allows lenses to be attached seamlessly together and fitted into many existing luminaire designs. It provides high quality indoor lighting with reduced glare. Fastening the optic with integrated clips and dedicated snap-on end part accessories makes the whole installation process quck and easy. The family consists of a variety of symmetrical and asymmetrical beams and includes versions optimized for the most common Zhaga mid-power 20 and 24 mm wide PCBs or for Signifyâ€<sup>TM</sup>s Fortimo Edge 2-row LED module.

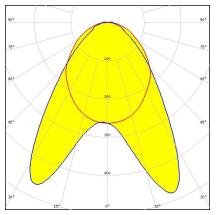
# LINNEA

285 x 40 mm free pitch design optimized for the most common Zhaga mid-power 20 and 24 mm wide PCBs



# **PRODUCTS:**

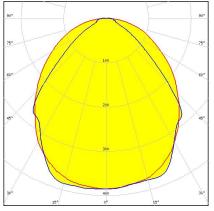
## F15860\_LINNEA-Z2T25



#### Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Double asymmetric beam for aisle and shelf lighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

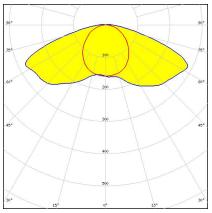
## F16811\_LINNEA-90-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~90° + 90° wide beam optimized for 1.0 mm metal sheet or profile. Variant made from PMMA.

#### F16845\_LINNEA-UP-PMMA



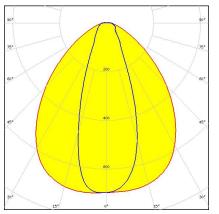
Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PMMA.



## **PRODUCTS:**

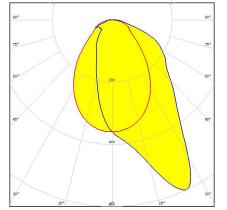
### F15756\_LINNEA-O



Dimensions: 285.0 mm x 40.0 mm Height: 10.50 mm

~35° + 70° oval beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

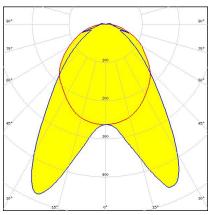
#### F16810\_LINNEA-ZT25-B-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 11.60 mm

Asymmetric beam for wall-washing optimized for 0.5 mm metal sheet or profile. Variant made from PMMA.

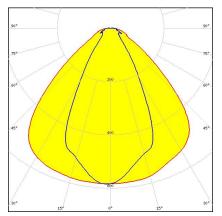
#### F16844\_LINNEA-Z2T25-B-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Double asymmetric beam for aisle and shelf lighting optimized for 0.5 mm metal sheet or profile. Variant made from PMMA..

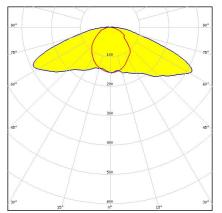
# F15524\_LINNEA-60



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~60° + 90° beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

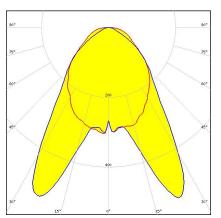
# F16048\_LINNEA-UP



Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

#### F16843\_LINNEA-Z2T25-PMMA



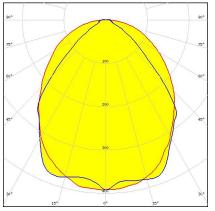
Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Double asymmetric beam for aisle and shelf lighting optimized for 1.0 mm metal sheet or profile. Variant made from PMMA..



## **PRODUCTS:**

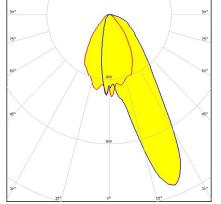
### F15523\_LINNEA-90



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~90° + 90° wide beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

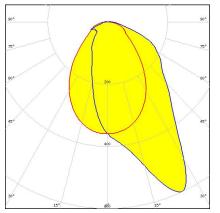
## F16000\_LINNEA-ZT25-B



Dimensions: 285.0 mm x 40.0 mm Height: 11.50 mm

Asymmetric beam for wall-washing optimized for 0.5 mm metal sheet or profile. Variant made from PC.

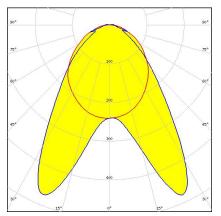
#### F16842\_LINNEA-ZT25-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 11.60 mm

Asymmetric beam for wall-washing and 1.0 mm metal sheet or profile. Variant made from PMMA.

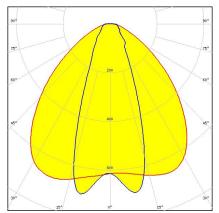
## F15999\_LINNEA-Z2T25-B



## Dimensions: 285.0 mm x 40.0 mm Height: 10.30 mm

Double asymmetric beam for aisle and shelf lighting optimized for 0.5 mm metal sheet or profile. Variant made from PC.

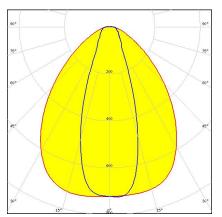
#### F16817\_LINNEA-O-B-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 10.50 mm

~35° + 70° oval beam optimized for 0.5 mm metal sheet or profile. Variant made from PMMA.

# F15952\_LINNEA-O-B



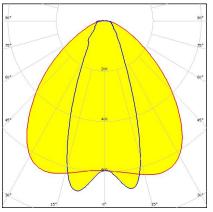
Dimensions: 285.0 mm x 40.0 mm Height: 10.50 mm

~35° + 70° oval beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.



## **PRODUCTS:**

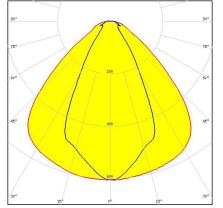
### F16816\_LINNEA-O-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 10.50 mm

~35° + 70° oval beam optimized for 1.0 mm metal sheet or profile. Variant made from PMMA.

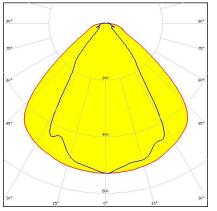
## F15941\_LINNEA-60-B



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~60° + 90° beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

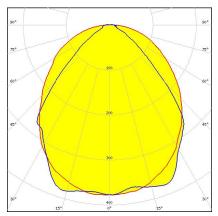
#### F16814\_LINNEA-60-B-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~60° + 90° beam optimized for 0.5 mm metal sheet or profile. Variant made from PMMA.

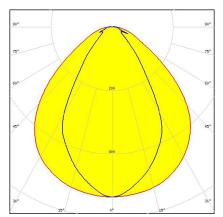
## F15940\_LINNEA-90-B



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~90° + 90° wide beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

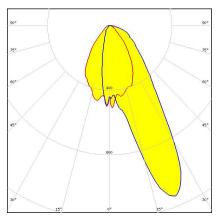
#### F16813\_LINNEA-60-PMMA



Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~60° + 90° beam optimized for 1.0 mm metal sheet or profile. Variant made from PMMA.

# F15861\_LINNEA-ZT25



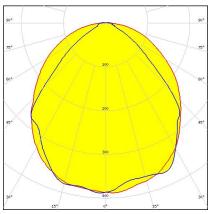
Dimensions: 285.0 mm x 40.0 mm Height: 11.60 mm Asymmetric beam for wall-washing and

1.0 mm metal sheet or profile. Variant made from PC.



## **PRODUCTS:**

#### F16812\_LINNEA-90-B-PMMA



#### Dimensions: 285.0 mm x 40.0 mm Height: 9.50 mm

~90° + 90° wide beam optimized for 0.5 mm metal sheet or profile. Variant made from PMMA.



## **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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