

LARISA

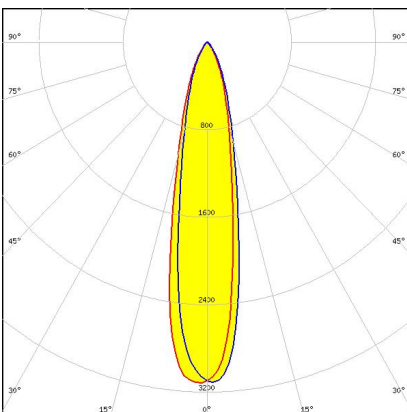
10 x 10 mm square-shaped lenses with various mounting options for up to 3535 size LED packages

Small in size but high in efficiency. This versatile lens family is based on a convenient 10 x 10 mm footprint. Uniform size makes clustering easy and installation clips help mounting on to the PCB. LARISA family features a comprehensive range of beam angles from real spot to extra wide, including oval and RZ. It also has three different holder types with two types of clips and pins and has very good efficiency for its size of up to 90 %.



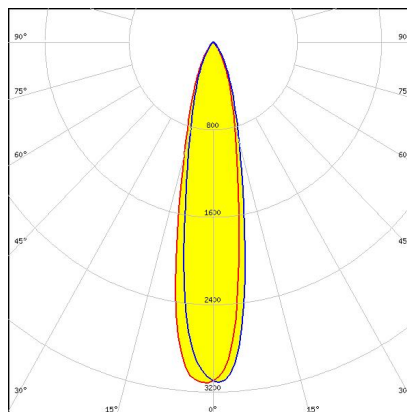
PRODUCTS:

CP12938_LARISA-RS-CLIP8



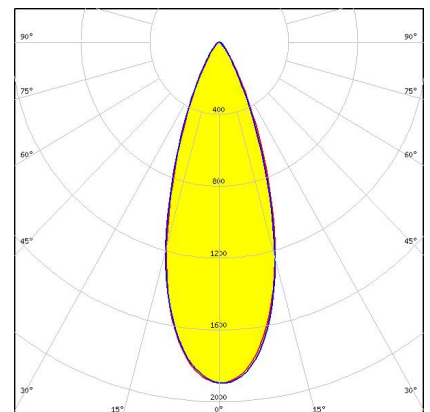
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
~19° spot beam. Clip fastening for 0.8 mm thick PCB.

CP12939_LARISA-RS-CLIP16



Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
~19° real spot beam. Clip fastening for 1.6 mm thick PCB

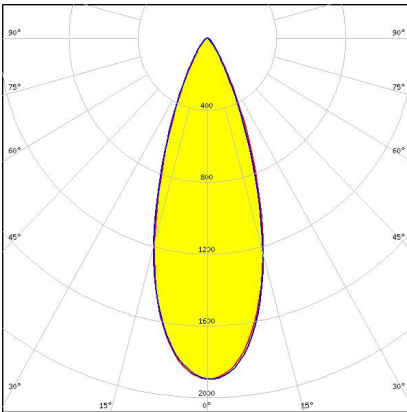
CP12940_LARISA-M-CLIP8



Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
~30° medium beam. Clip fastening for 0.8 mm thick PCB.

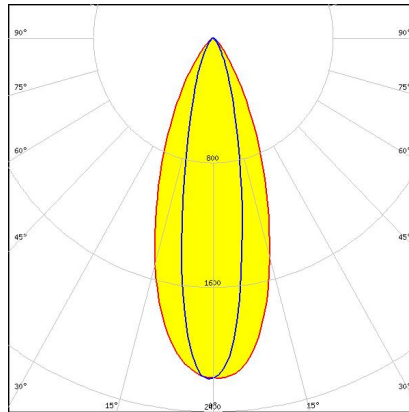
PRODUCTS:

CP12941_LARISA-M-CLIP16



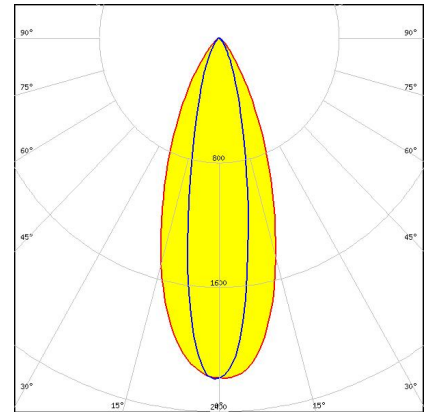
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~30° medium beam. Clip fastening for 1.6 mm thick PCB.

CP12942_LARISA-O-CLIP8



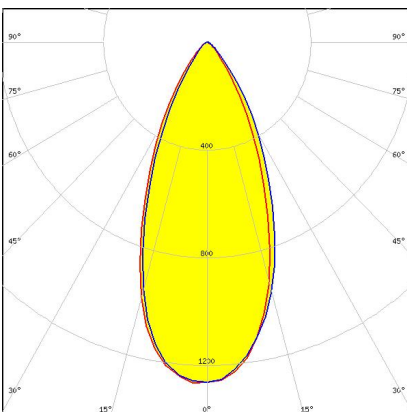
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~40° x 20° oval beam. Clip fastening for 0.8 mm thick PCB.

CP12943_LARISA-O-CLIP16



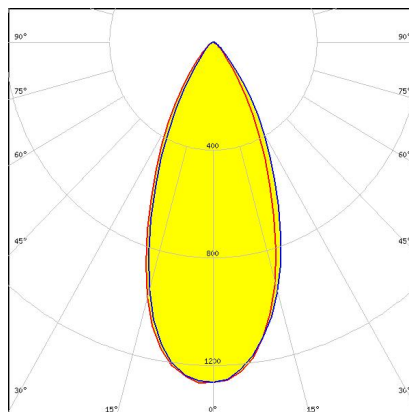
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~40° x 20° oval beam. Clip fastening for 1.6 mm thick PCB.

CP12944_LARISA-W-CLIP8



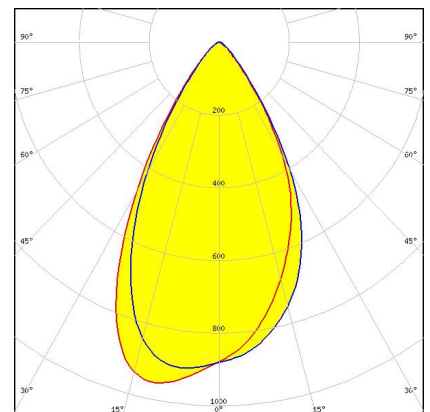
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~50° wide beam. Clip fastening for 0.8 mm thick PCB

CP12945_LARISA-W-CLIP16



Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~50° wide beam. Clip fastening for 1.6 mm thick PCB

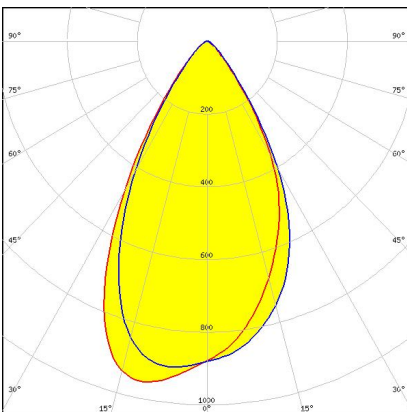
CP12946_LARISA-WW-CLIP8



Dimensions: 10.0 mm x 10.0 mm
Height: 7.50 mm
 ~55° wide beam. Clip fastening for 0.8 mm thick PCB

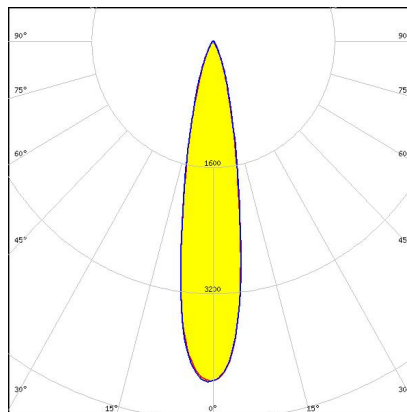
PRODUCTS:

CP12947_LARISA-WW-CLIP16



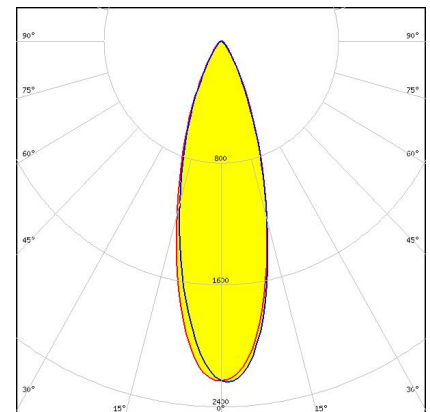
Dimensions: 10.0 mm x 10.0 mm
Height: 7.50 mm
~55° wide beam. Clip fastening for
1.6 mm thick PCB

CP13134_LARISA-RS-CLIP16



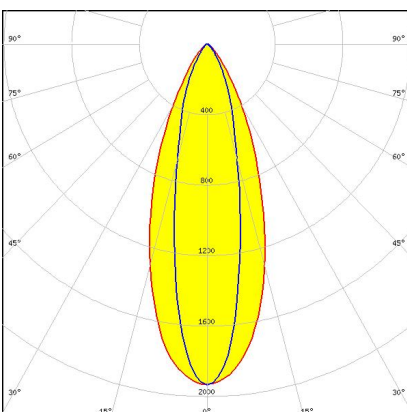
Dimensions: 9.9 mm x 9.9 mm
Height: 7.30 mm
~20° spot beam. Clip fastening for
1.6 mm thick PCB.

CP13135_LARISA-M-CLIP16



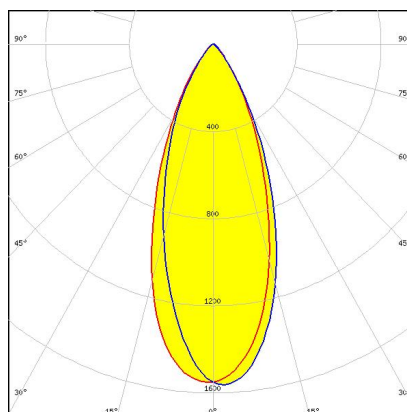
Dimensions: 9.9 mm x 9.9 mm
Height: 7.30 mm
~30° medium beam optimized for
NICHIA 757. Clip fastening for 1.6
mm thick PCB.

CP13136_LARISA-O-CLIP16



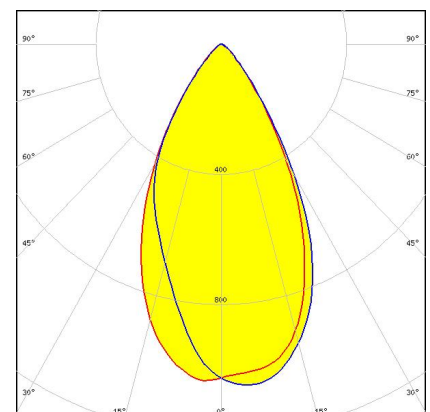
Dimensions: 9.9 mm x 9.9 mm
Height: 7.30 mm
~40° x 20° oval beam optimized for
NICHIA 757. Clip fastening for 1.6
mm thick PCB.

CP13137_LARISA-W-CLIP16



Dimensions: 9.9 mm x 9.9 mm
Height: 7.30 mm
~50° wide beam optimized for
NICHIA 757. Clip fastening for 1.6
mm thick PCB.

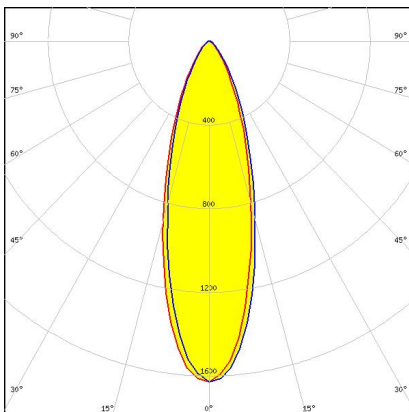
CP13138_LARISA-WW-CLIP16



Dimensions: 9.9 mm x 9.9 mm
Height: 7.30 mm
~55° wide beam optimized for
NICHIA 757. Clip fastening for 1.6
mm thick PCB.

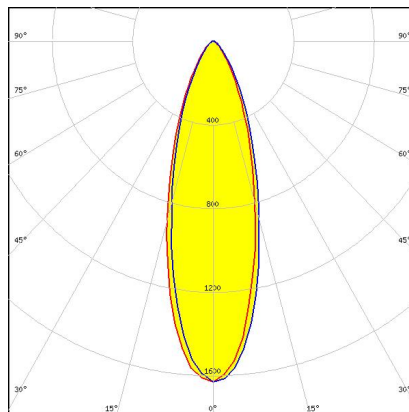
PRODUCTS:

CP13665_LARISA-RZ-CLIP8



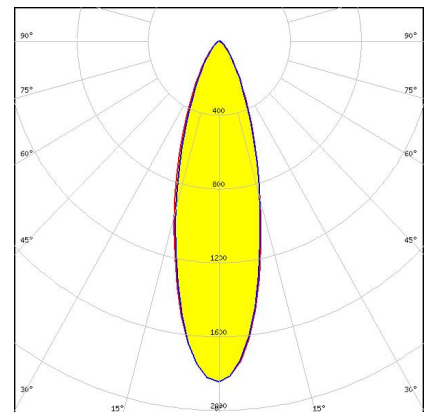
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~25° diffused beam. Clip fastening
 for 0.8 mm thick PCB

CP13666_LARISA-RZ-CLIP16



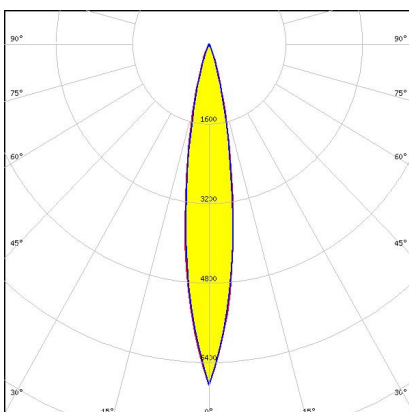
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~25° diffused beam. Clip fastening
 for 1.6 mm thick PCB

CP13667_LARISA-RZ-CLIP16



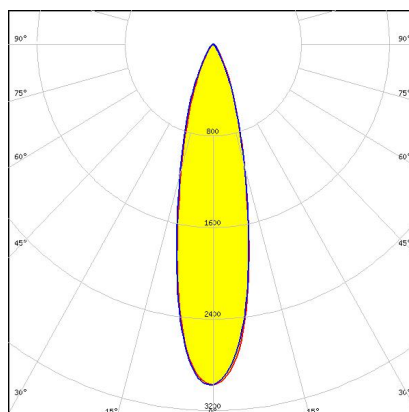
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~25° diffused beam optimized for
 NICHIA 757. Clip fastening for 1.6
 mm thick PCB

CP15304_LARISA-RS-PIN



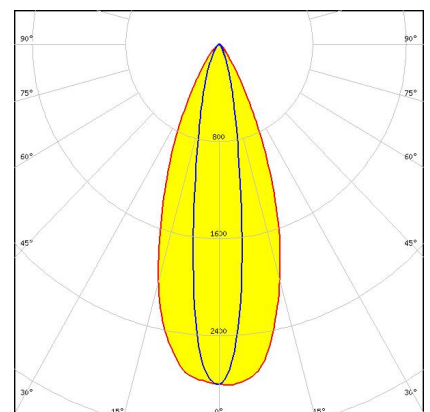
Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~19° spot beam and holder with
 location pins

CP15305_LARISA-M-PIN



Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~30° medium beam and holder with
 location pins

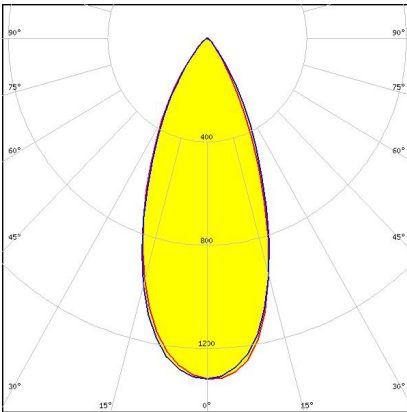
CP15306_LARISA-O-PIN



Dimensions: 9.9 mm x 9.9 mm
Height: 7.50 mm
 ~40° x 20° oval beam and holder
 with location pins

PRODUCTS:

CP15307_LARISA-W-PIN

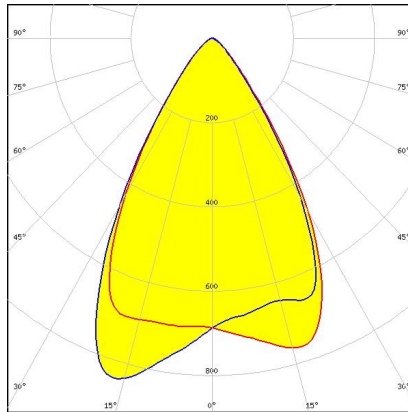


Dimensions: 9.9 mm x 9.9 mm

Height: 7.50 mm

~50° wide beam and holder with
location pins

CP15308_LARISA-WW-PIN

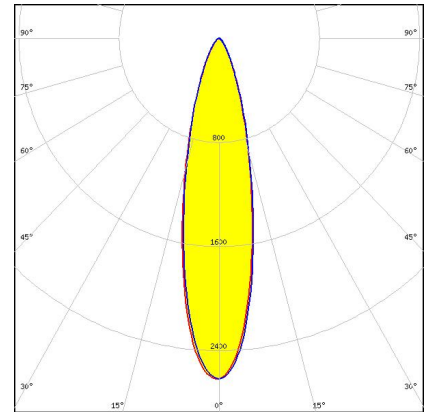


Dimensions: 9.9 mm x 9.9 mm

Height: 7.50 mm

~55° wide beam and holder with
location pins

CP15309_LARISA-RZ-PIN



Dimensions: 9.9 mm x 9.9 mm

Height: 7.50 mm

~25° diffused beam and holder with
location pins

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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