

EMERALD

Lenses primarily designed for emergency and exit route lighting with an extremely wide beam

EMERALD-family has been designed primarily for emergency exit route lighting. A wide beam distribution makes it possible to achieve EN 1838 compliant lighting for installation height to distance ratios of up to and beyond 1:7. EMERALD-MAXI-A is also suitable for IESNA Type I Medium street lighting, retrofit and security street lighting applications when tilted around 15°.

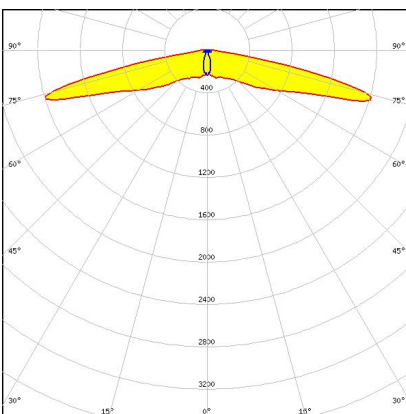
EMERALD

Ø21.6 mm variant for up to 5050 size LED packages



PRODUCTS:

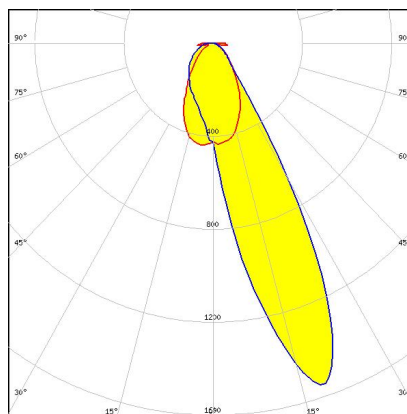
C17718_EMERALD-ER1-PC



Dimensions: 21.6 mm x 21.6 mm
Height: 7.53 mm

Rectangular beam for escape routes with up to 5 m mounting height.

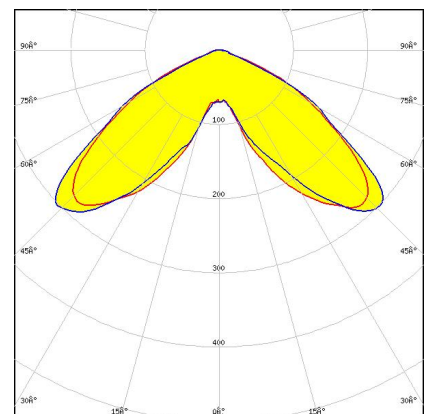
C18138_EMERALD-FS-PC



Dimensions: 21.6 mm x 21.6 mm
Height: 8.10 mm

Asymmetric beam for emergency equipment lighting.

C17720_EMERALD-AP1-PC

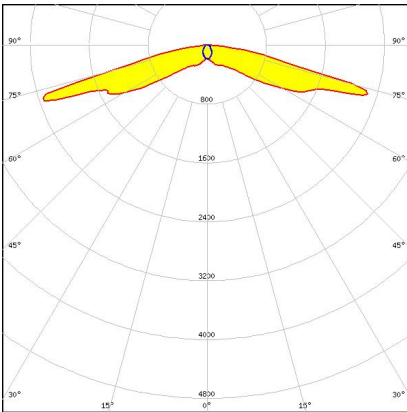


Dimensions: 21.6 mm x 21.6 mm
Height: 6.90 mm

Symmetric beam for anti-panic lighting.

PRODUCTS:

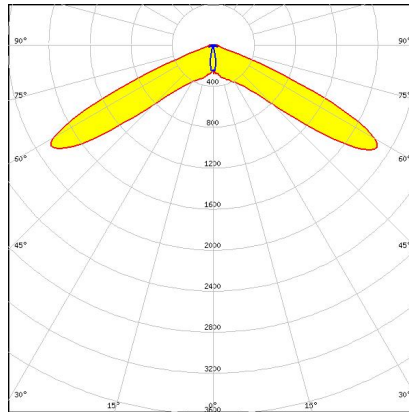
C13155_EMERALD-A



Dimensions: 21.6 mm x 21.6 mm
Height: 6.90 mm

Asymmetric beam

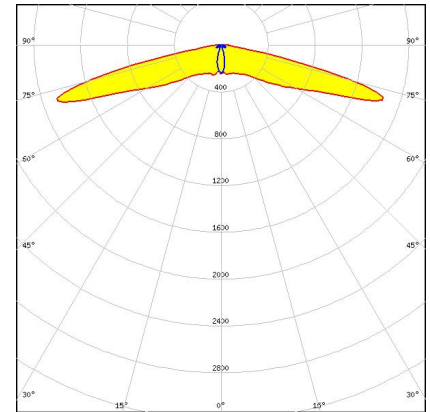
C17719_EMERALD-ER2-PC



Dimensions: 21.6 mm x 21.6 mm
Height: 9.09 mm

Rectangular beam for escape routes with
greater than 5 m mounting height.

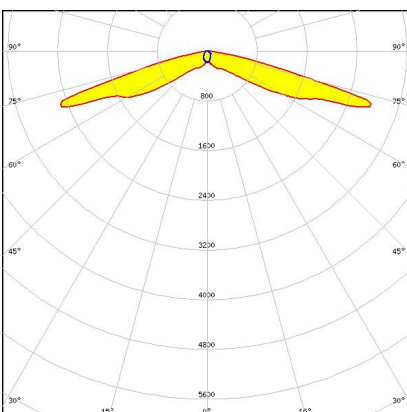
CA17721_EMERALD-ER1-PC



Dimensions: 21.6 mm x 21.6 mm
Height: 7.75 mm

Rectangular beam for escape routes with
up to 5 m mounting height. Assembly
with installation tape.

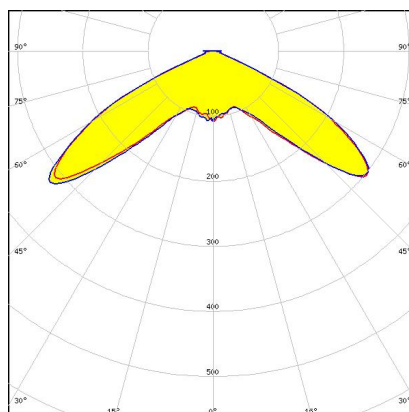
CA13156_EMERALD-A



Dimensions: 21.6 mm x 21.6 mm
Height: 7.30 mm

Asymmetric beam. Assembly with
installation tape.

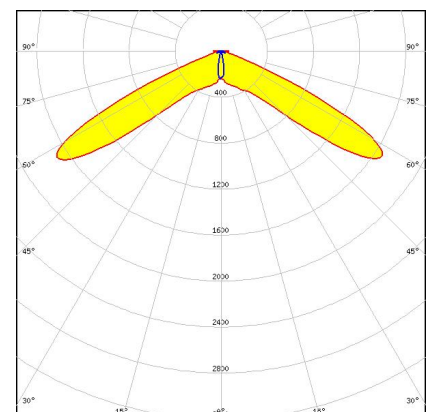
CA17723_EMERALD-AP1-PC



Dimensions: 21.6 mm x 21.6 mm
Height: 6.90 mm

Symmetric beam for anti-panic lighting.
Assembly with installation tape.

CA17722_EMERALD-ER2-PC

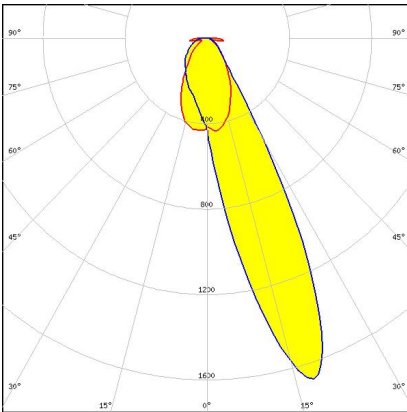


Dimensions: 21.6 mm x 21.6 mm
Height: 9.31 mm

Rectangular beam for escape routes with
greater than 5 m mounting height.
Assembly with installation tape.

PRODUCTS:

CA18139_EMERALD-FS-PC



Dimensions: 21.6 mm x 21.6 mm

Height: 8.32 mm

Asymmetric beam for emergency
equipment lighting. Variant with
installation tape.

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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