

TINA

Ø16.1 mm TIR-lenses for linear lighting, museums, reading lights, compact torches and head lamps compatible with up to 3535 size LED packages

TINA is a versatile family of single Ø16.1 mm lenses consisting of TINA, TINA2 and TINA3 subfamilies. All subfamilies have the same dimensions and come preassembled in lightweight durable holders with fastening tape that makes their installation fast and easy. TINA family has a wide selection of beams from narrow to wide flood.

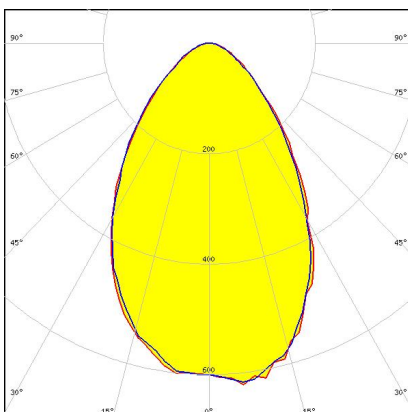
TINA3

Low profile variant with wider beams for low- and highbay lighting



PRODUCTS:

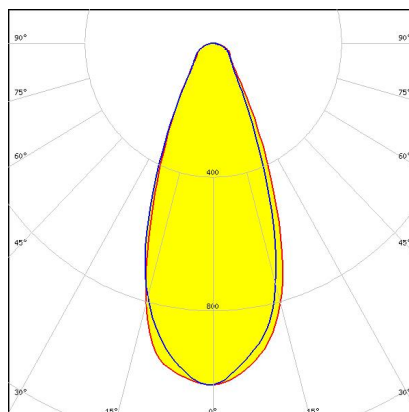
FA11904_TINA3-WWW



Dimensions: 16.1 mm x 16.1 mm
Height: 7.00 mm

~70° wide beam optimized for CREE
XP-E. Assembly with holder, installation
tape and location pins.

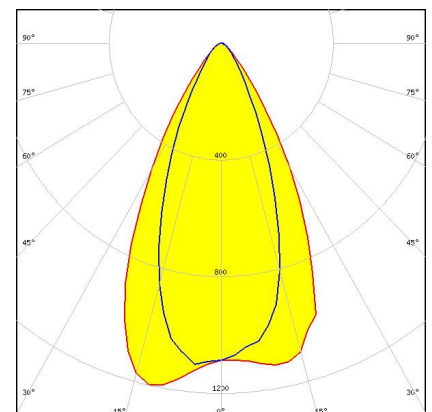
FA11902_TINA3-W



Dimensions: 16.1 mm x 16.1 mm
Height: 7.30 mm

~40° wide beam optimized for CREE
XP-E. Assembly with holder, installation
tape and location pins.

CA13180_TINA3-OO

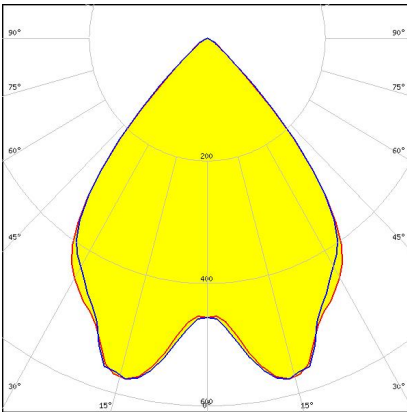


Dimensions: 16.1 mm x 16.1 mm
Height: 6.80 mm

~60° x 40° oval beam optimized for
LUXEON Rebel ES. Assembly with
holder and installation tape.

PRODUCTS:

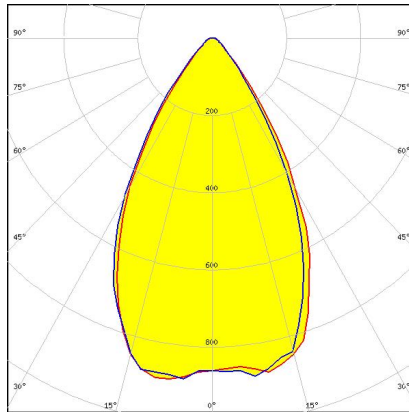
FA11826_TINA3-WWW



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~70° wide beam optimized for CREE
XP-E. Assembly with holder, installation
tape and location pins.

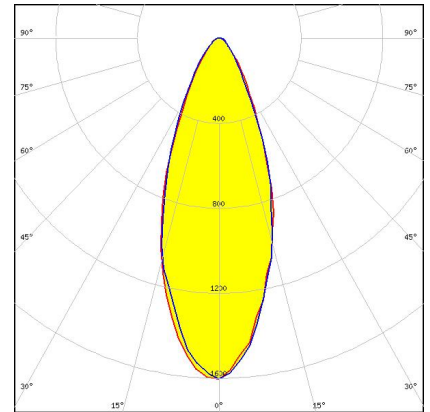
CA13178_TINA3-WW



Dimensions: 16.1 mm x 16.1 mm
Height: 6.80 mm

~55° wide beam optimized for LUXEON
Rebel ES. Assembly with holder and
installation tape.

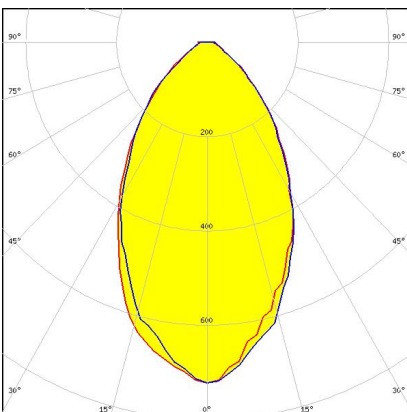
FA11824_TINA3-W



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~40° wide beam optimized for CREE
XP-E. Assembly with holder, installation
tape and location pins.

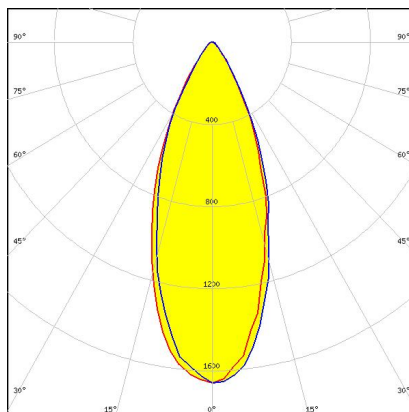
CA13045_TINA3-WWW



Dimensions: 16.1 mm x 16.1 mm
Height: 7.29 mm

~70° very wide beam. Assembly with
holder and installation tape.

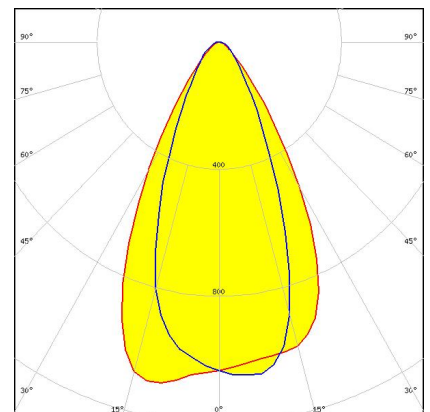
CA13043_TINA3-W



Dimensions: 16.1 mm x 16.1 mm
Height: 7.29 mm

~40° wide beam. Assembly with holder
and installation tape.

CA12429_TINA3-OO

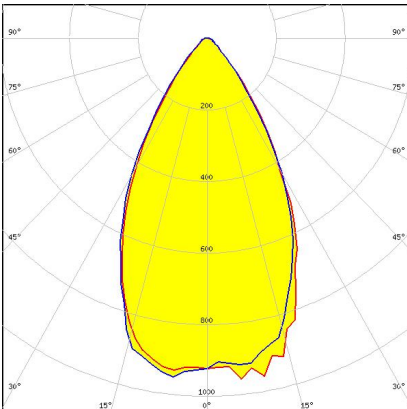


Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~60° + 40° oval beam. Assembly with
holder, installation tape and location pins.

PRODUCTS:

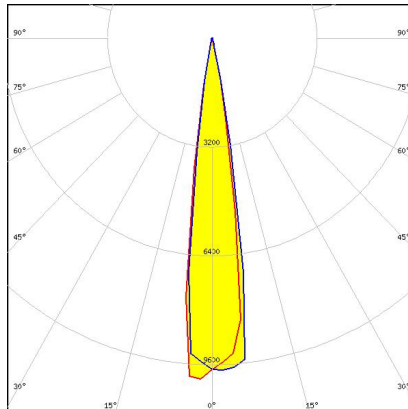
CA12427_TINA3-WW



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~55° wide beam. Assembly with holder, installation tape and location pins.

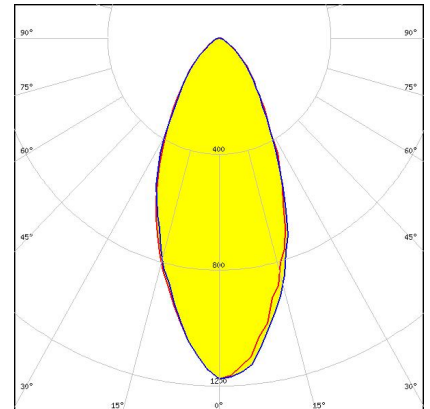
FA11905_TINA3-S



Dimensions: 16.1 mm x 16.1 mm
Height: 11.40 mm

~13° spot beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

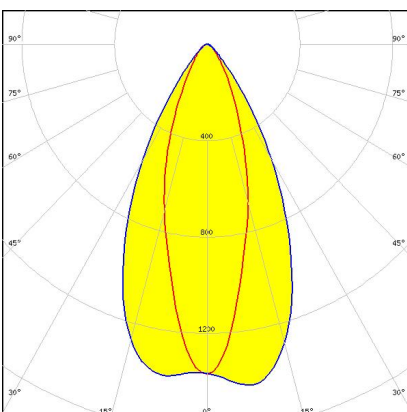
FA11903_TINA3-WW



Dimensions: 16.1 mm x 16.1 mm
Height: 7.10 mm

~55° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

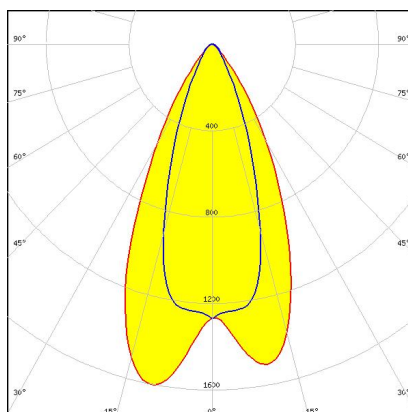
CA14479_TINA3-OO



Dimensions: 16.1 mm x 16.1 mm
Height: 7.29 mm

~60° x 40° oval beam designed for CREE XP-G2 and XT-E. Assembly with holder and installation tape.

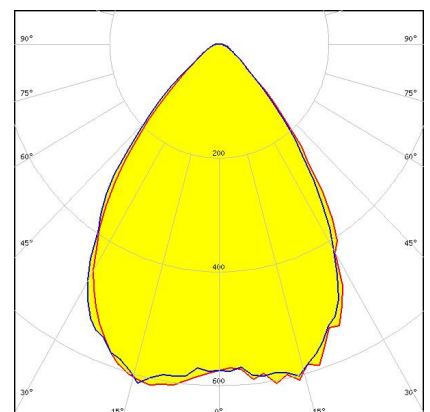
FA11870_TINA3-OO



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~60° + 40° oval beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

CA13179_TINA3-WWW

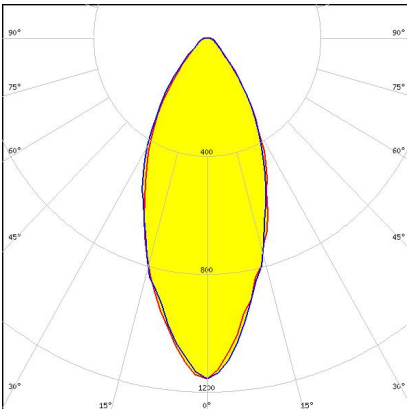


Dimensions: 16.1 mm x 16.1 mm
Height: 6.80 mm

~70° wide beam optimized for LUXEON Rebel ES. Assembly with holder and installation tape.

PRODUCTS:

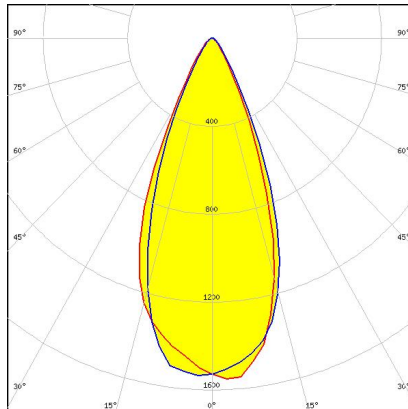
FA11825_TINA3-WW



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~55° wide beam optimized for CREE
XP-E. Assembly with holder, installation
tape and location pins.

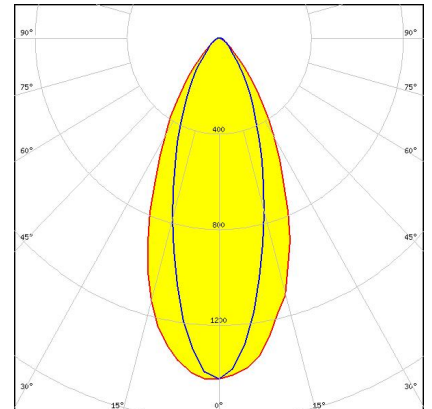
CA13100_TINA3-W



Dimensions: 16.1 mm x 16.1 mm
Height: 6.80 mm

~40° wide beam optimized for LUXEON
Rebel ES. Assembly with holder and
installation tape.

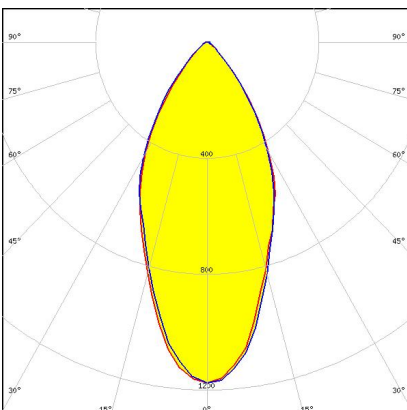
CA13044_TINA3-OO



Dimensions: 16.1 mm x 16.1 mm
Height: 7.29 mm

~60° + 40° oval beam. Assembly with
holder and installation tape.

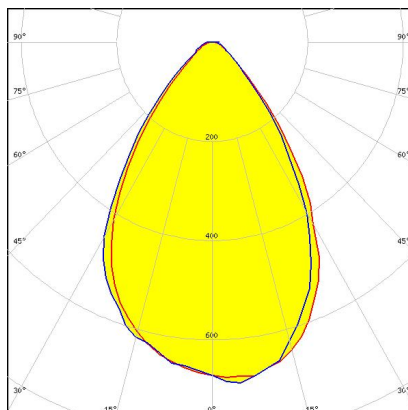
CA12892_TINA3-WW



Dimensions: 16.1 mm x 16.1 mm
Height: 7.29 mm

~55° wide beam. Assembly with holder
and installation tape.

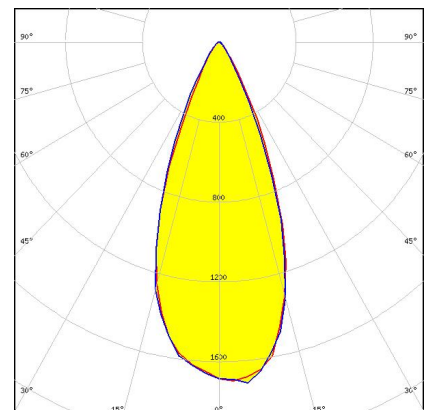
CA12428_TINA3-WWW



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~70° wide beam. Assembly with holder,
installation tape and location pins.

CA12426_TINA3-W



Dimensions: 16.1 mm x 16.1 mm
Height: 6.90 mm

~40° wide beam. Assembly with holder
and 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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