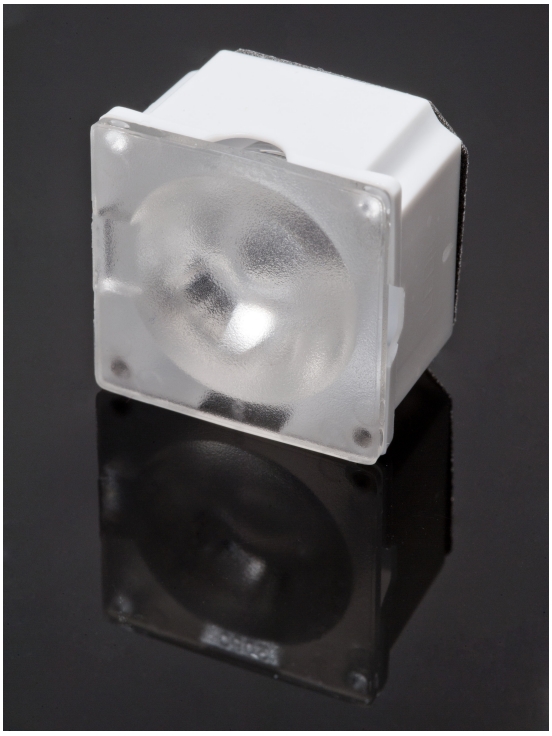
ROSE

21.6 x 21.6 mm single lenses preassembled in durable holders with an adhesive tape

ROSE is a versatile family of single 21.6 x 21.6 mm lenses consisting of ROSE, ROSE-MRK and ROSE-UV subfamilies. All subfamilies have the same dimensions and come preassembled in lightweight and durable holders with a fastening tape that makes their installation fast and easy.

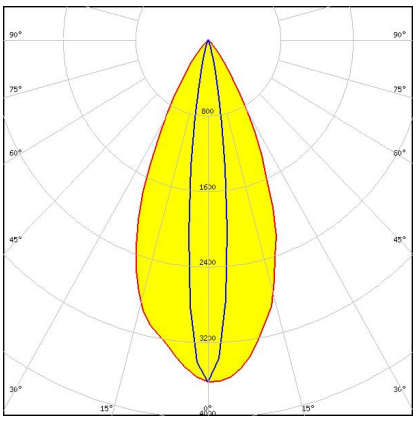


ROSE

Variant made from PC for up to 5050 size LED packages

PRODUCTS:

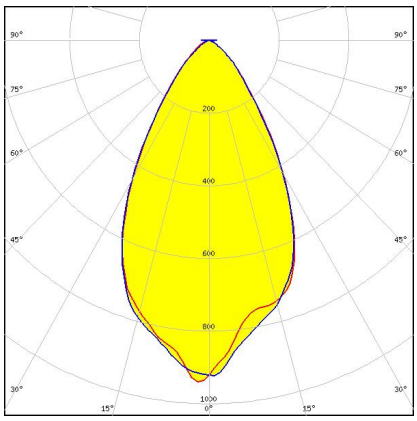
FA10669_CXP-O



Dimensions: 21.6 mm x 21.6 mm
Height: 13.15 mm

~45° + 15° oval beam optimized for CREE XP-E. Assembly with black holder.

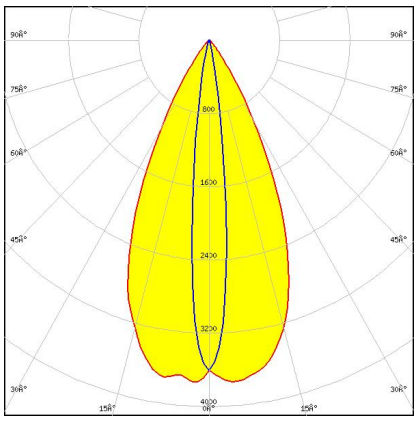
CA13617_G2-OSS-2-WWW



Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm

~80° very wide beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

FA10302_OSS-O



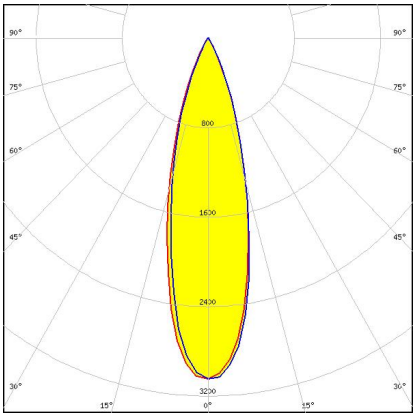
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm

~45° + 15° oval beam optimized for Osram Golden Dragon+. Assembly with white holder.

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

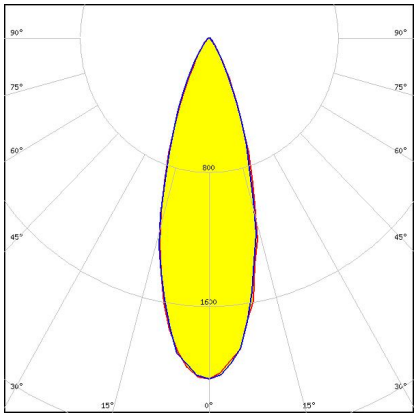
PRODUCTS:

RES-M



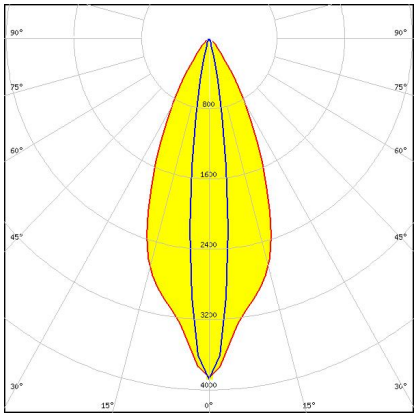
Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~30° medium beam optimized for LUXEON Rebel. Assembly with white holder.

FA10339_NIS83-MX-M



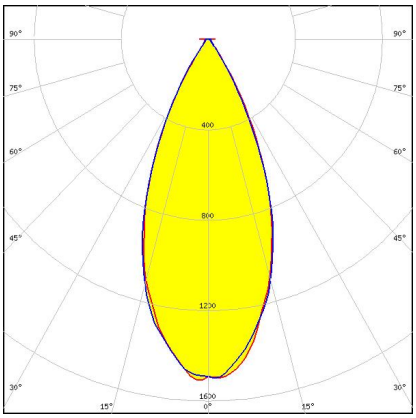
Dimensions: 21.6 mm x 21.6 mm
Height: 13.50 mm
~30° medium beam optimized for Nichia NS6x83. Assembly with white holder and installation tape.

RES-O



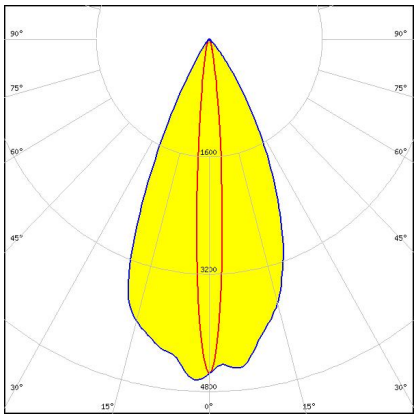
Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~45° + 15° oval beam for LUXEON Rebel. Assembly with white holder.

FA10344_NIS83-MX-W



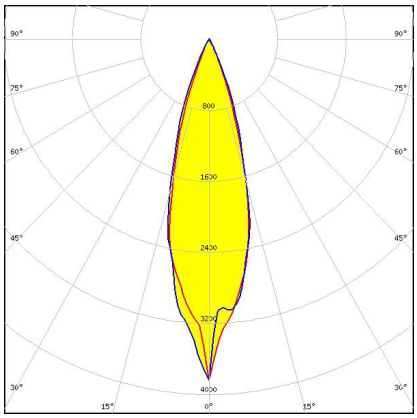
Dimensions: 21.6 mm x 21.6 mm
Height: 13.50 mm
~50° wide beam optimized for Nichia NS6x83. Assembly with white holder.

FA11145_OSS-O-90



Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~13° + 45° oval beam optimized for Osram Golden Dragon+. Variant with beam direction rotated 90°. Assembly with white holder.

CA10569_OSS-2-M

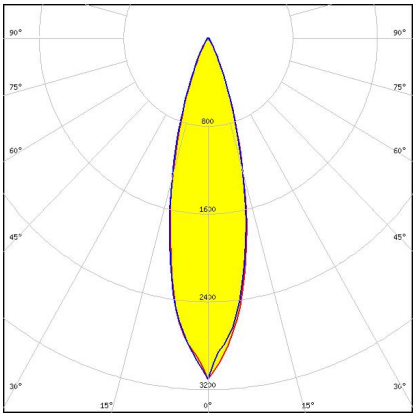


Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~30° medium beam optimized for Osram Golden Dragon+. Assembly with white holder.

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

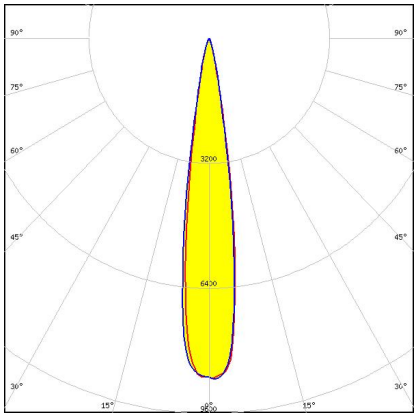
PRODUCTS:

FA11911_CXM-M



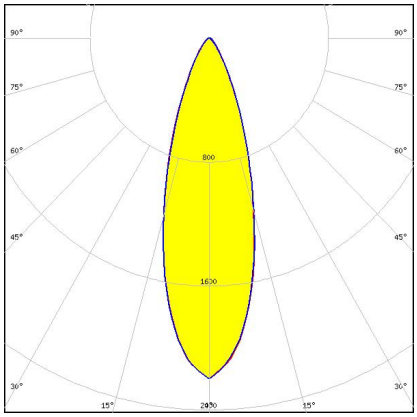
Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~30° medium beam optimized for CREE XM-L. Assembly with white holder.

FA10668_CXP-RS



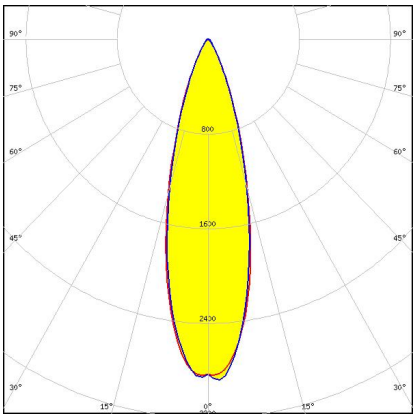
Dimensions: 21.6 mm x 21.6 mm
Height: 13.15 mm
~11° spot beam optimized for CREE XP-E. Assembly with black holder.

CA13614_G2-OSS-2-M



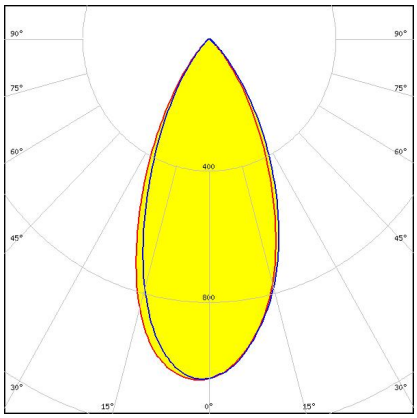
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~25° medium beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

FA10301_OSS-M



Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~30° medium beam optimized for Osram Golden Dragon+. Assembly with white holder.

FA10708_CXP-W



Dimensions: 21.6 mm x 21.6 mm
Height: 13.15 mm
~50° wide beam optimized for CREE XP-E. Assembly with black holder.

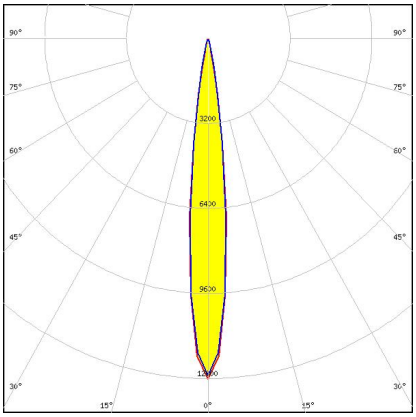
FA10336_NIS83-MX-RS

Dimensions: 21.6 mm x 21.6 mm
Height: 13.50 mm
~11° spot beam optimized for Nichia NS6x83. Assembly with white holder and installation tape.

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

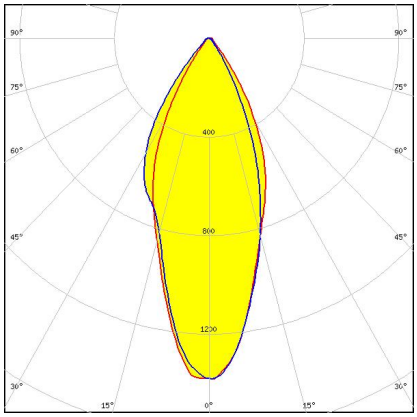
PRODUCTS:

RES-SS



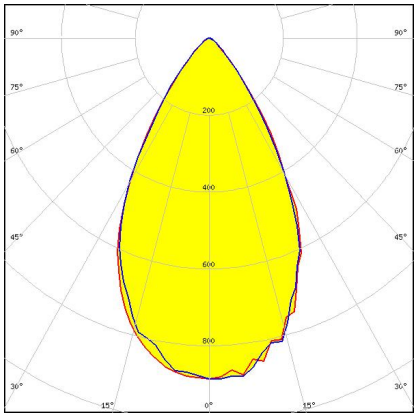
Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~15° smooth spot beam optimized for LUXEON Rebel. Assembly with white holder.

FA10342_OSS-W



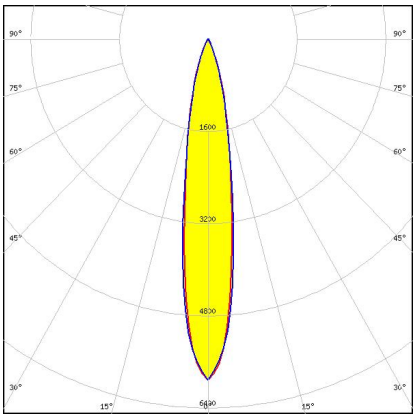
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~50° wide beam optimized for Osram Golden Dragon+. Assembly with white holder.

FA10903_NIS83-MX-WW



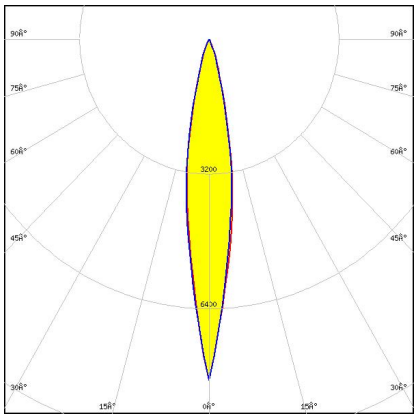
Dimensions: 21.6 mm x 21.6 mm
Height: 13.50 mm
~60° wide beam optimized for Nichia NS6x83. Assembly with white holder.

CA10561_OSS-2-RS



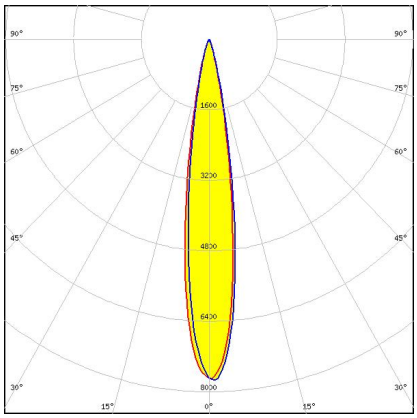
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~11° spot beam optimized for Osram Golden Dragon+. Assembly with white holder.

FA11909_CXM-RS



Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~11° spot beam optimized for CREE XM-L. Assembly with white holder.

FA10667_CXP-SS

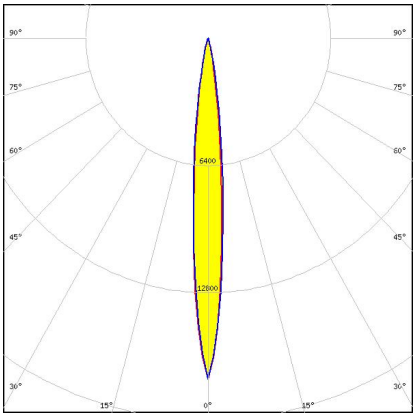


Dimensions: 21.6 mm x 21.6 mm
Height: 13.15 mm
~15° smooth spot beam optimized for CREE XP-E. Assembly with black holder.

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

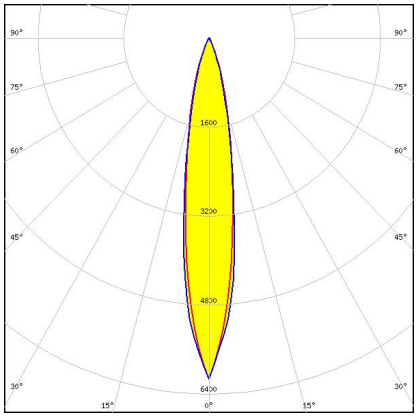
PRODUCTS:

CA13613_G2-OSS-2-RS



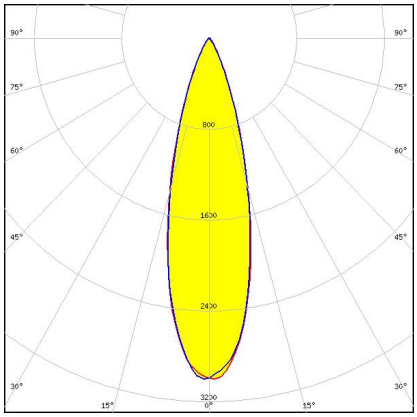
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~11° spot beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

FA10299_OSS-RS



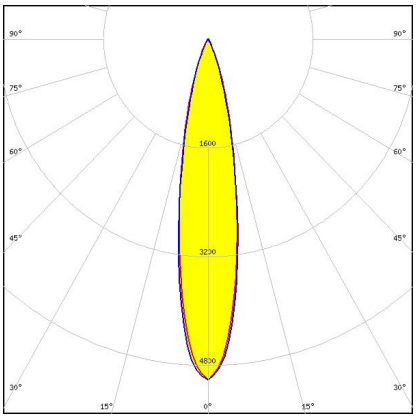
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~11° spot beam optimized for Osram Golden Dragon+. Assembly with white holder.

FA10676_CMC-M



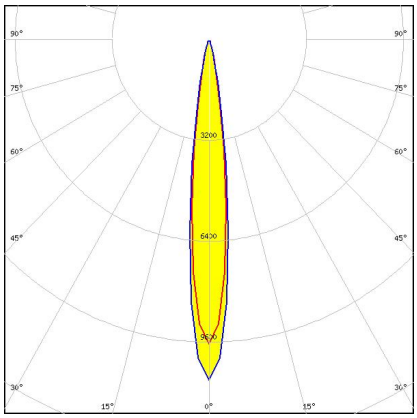
Dimensions: 21.6 mm x 21.6 mm
Height: 13.80 mm
~30° medium beam optimized for CREE MC-E. Assembly with black holder.

FA10327_OSS-SS



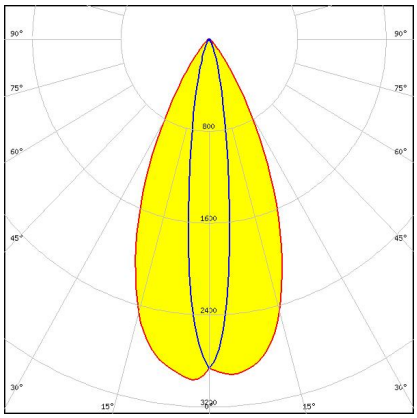
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~15° smooth spot beam optimized for Osram Golden Dragon+. Assembly with white holder and installation tape.

RES-D



Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~16° diffused spot beam optimized for LUXEON Rebel. Assembly with white holder.

FA10340_NIS83-MX-O

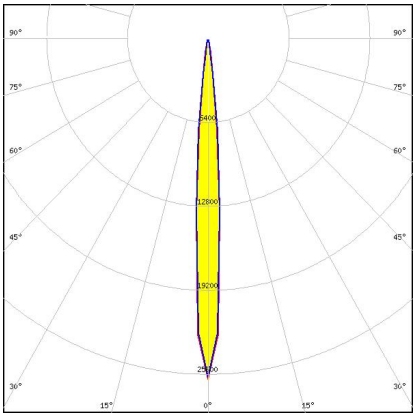


Dimensions: 21.6 mm x 21.6 mm
Height: 13.50 mm
~45° x 15° oval beam optimized for Nichia NS6x83. Assembly with 13.5 mm high white holder.

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

PRODUCTS:

RES-RS

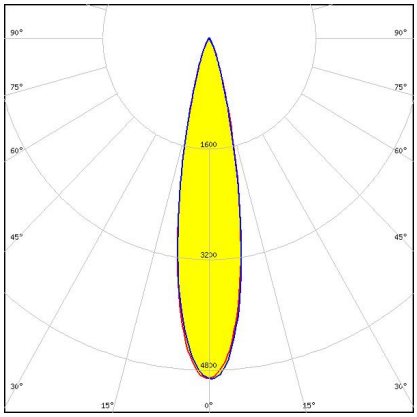


Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~11° spot beam for LUXEON Rebel. Assembly with white holder.

CA10560_OSS-2-SS

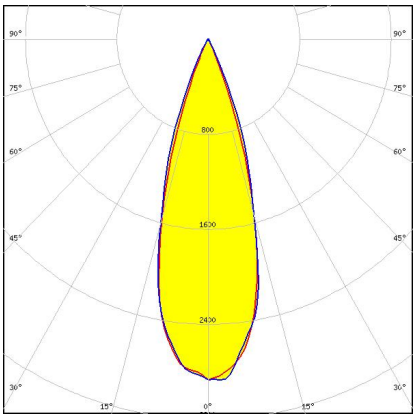
Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
PMMA lens with ~15° smooth spot beam optimized for Osram Golden Dragon+. Assembly with white holder.

FA11908_CXM-SS



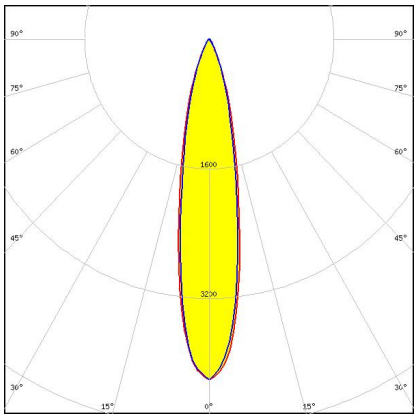
Dimensions: 21.6 mm x 21.6 mm
Height: 12.90 mm
~15° smooth spot beam optimized for CREE XM-L. Assembly with white holder.

FA10665_CXP-M



Dimensions: 21.6 mm x 21.6 mm
Height: 13.15 mm
~30° medium beam optimized for CREE XP-E. Assembly with black holder.

CA13612_G2-OSS-2-SS



Dimensions: 21.6 mm x 21.6 mm
Height: 13.90 mm
~15° smooth spot beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

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

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 7
FI-24100 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Poznan, Poland
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.
Downloaded from Arrow.com.