

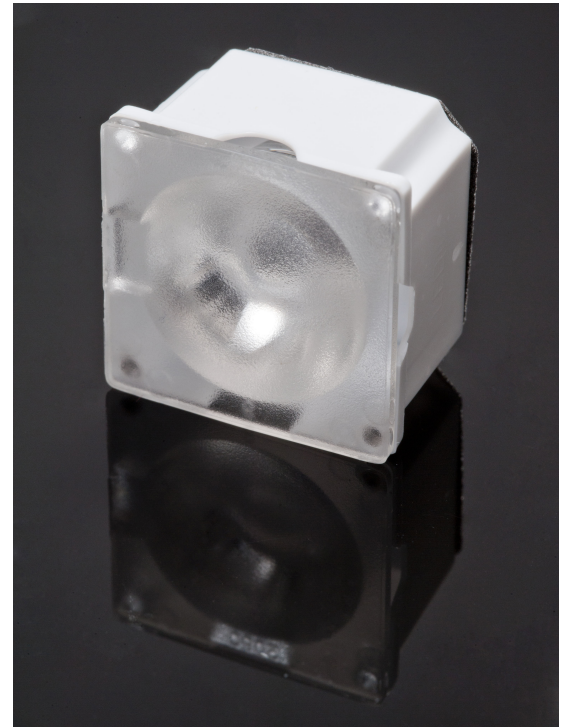
### ROSE

21.6 x 21.6 mm 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.

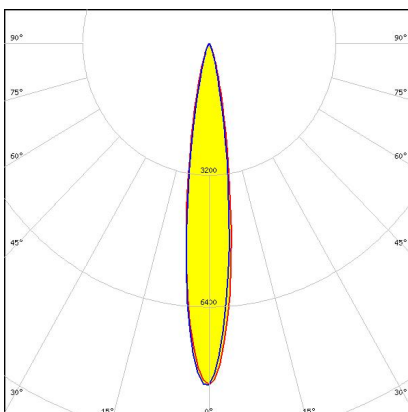
### ROSE

Variant made from PC for up to 5050 size LED packages



### PRODUCTS:

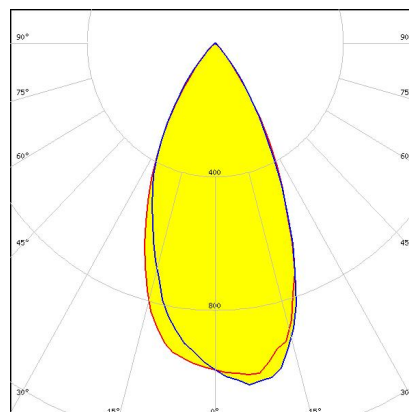
#### FA10338\_NIS83-MX-D



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~16° diffused spot beam optimized for Nichia NS6x83. Assembly with white holder and installation tape.

#### 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.

#### FA11910\_CXM-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~16° diffused spot beam optimized for CREE XM-L. Assembly with white holder.

### PRODUCTS:

#### FCA10305\_CRS-M

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.80 mm**

~30° medium beam optimized for CREE XR-E. Assembly with grey holder.

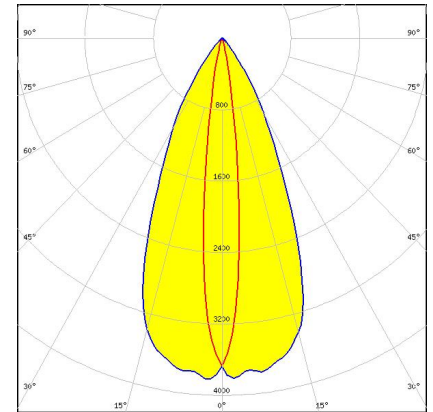
#### CA10595\_NIS036-2-RS

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.00 mm**

~11° spot beam optimized for Nichia NJSx036. 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.

#### CA13615\_G2-OSS-2-O

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.90 mm**

~45° + 15° oval beam optimized for Osram Golden Dragon+. G2 assembly with light, white 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.

#### FA10679\_CMC-RS

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.80 mm**

~11° spot beam optimized for CREE MC-E. Assembly with black holder.

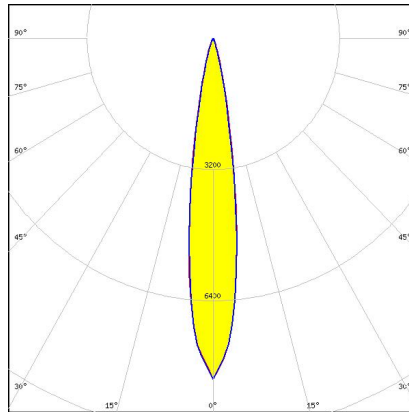
### PRODUCTS:

#### 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.

#### FCA10303\_CRS-RS



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~11° spot beam optimized for CREE  
XR-E. Assembly with grey holder and  
installation tape.

#### CA10593\_NIS036-2-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

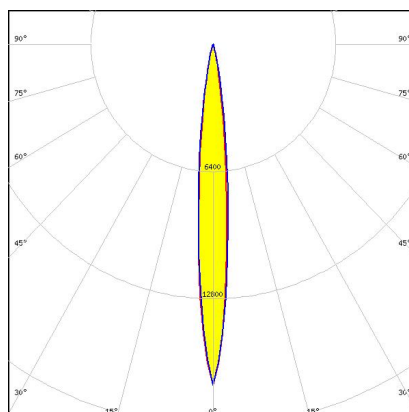
~16° diffused spot beam optimized for  
Nichia NJSx036. Assembly with white  
holder.

#### FCA10938\_NIS036-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~45° + 15° oval beam optimized for  
Nichia NJSx036. Assembly with white  
holder.

#### 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.

#### FA10329\_K2S-SS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 15.60 mm**

~15° smooth spot beam optimized for  
LUXEON K2. Assembly with transparent  
holder.

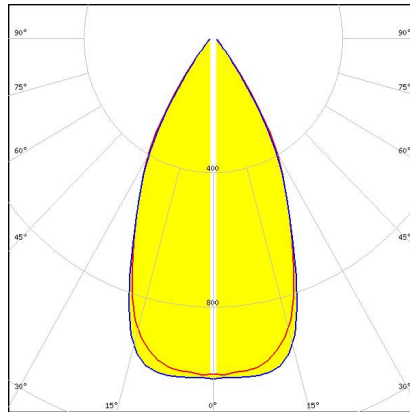
### PRODUCTS:

#### FA10677\_CMC-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~16° diffused spot beam optimized for CREE MC-E. Assembly with black holder.

#### FCX11675\_RES-WW



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~60° wide beam optimized for LUXEON Rebel. Assembly with 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.

#### CA10572\_OSS-2-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.

#### FCA10936\_NIS036-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~16° diffused spot beam optimized for Nichia NJSx036. Assembly with white holder.

#### CA13611\_G2-OSS-2-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.90 mm**

~16° diffused spot beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

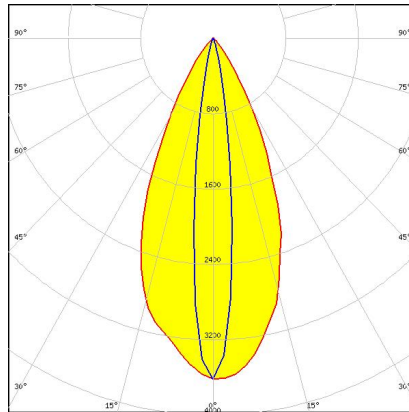
### PRODUCTS:

#### 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.

#### 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.

#### FA11237\_NIS53-WW

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~60° wide beam optimized for Nichia NS9x153. Assembly with black 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.

#### 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.

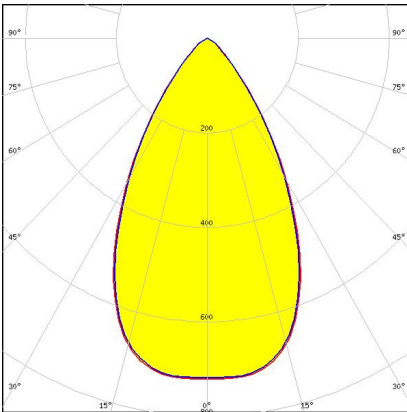
#### FCA10934\_NIS036-RS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~11° spot beam optimized for Nichia NJSx036. Assembly with white holder.

### PRODUCTS:

#### FA12620\_CXM-W



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

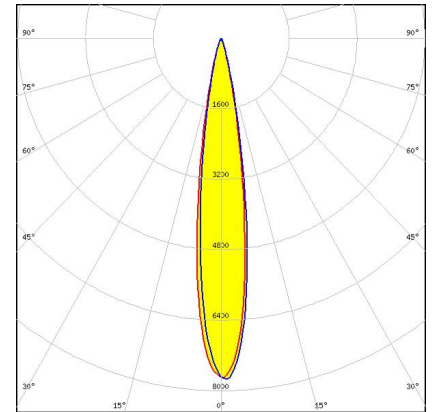
~50° wide beam optimized for CREE XM-L. Assembly with white holder.

#### FA10314\_SSS-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.30 mm**

~45° + 15° oval beam optimized for Seoul P4. Assembly with black holder and installation tape.

#### 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.

#### FA11235\_NIS53-M

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

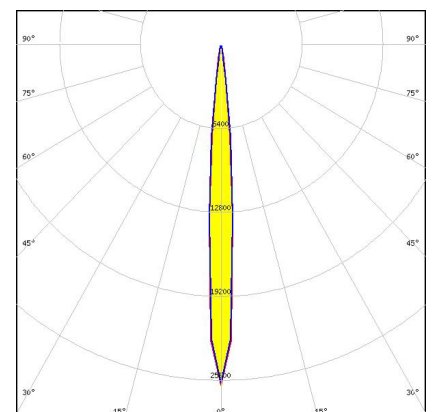
~30° medium beam optimized for Nichia NS9x153. Assembly with black holder.

#### CA10559\_OSS-2-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.90 mm**

PMMA lens with ~16° diffused spot beam optimized for Osram Golden Dragon+. Assembly with white holder.

#### FCX10856\_RES-RS



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~11° spot beam for LUXEON Rebel. Assembly with white holder.

### PRODUCTS:

**CA12125\_NIS83-2-O**

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~45° + 15° oval beam optimized for Nichia NS6x83. Assembly with black holder.

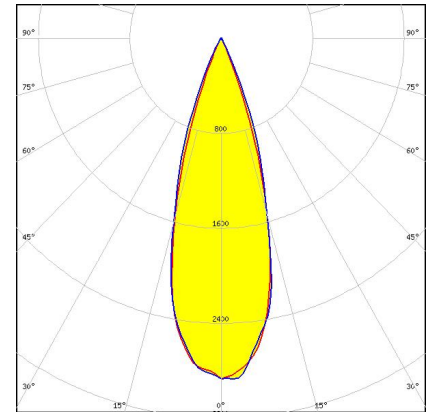
**FA10312\_SSS-D**

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 14.30 mm**

~16° diffused spot beam optimized for Seoul P4. Assembly with black 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.

**FA11233\_NIS53-SS**

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.00 mm**

~15° smooth spot beam optimized for Nichia NS9x153. Assembly with black holder.

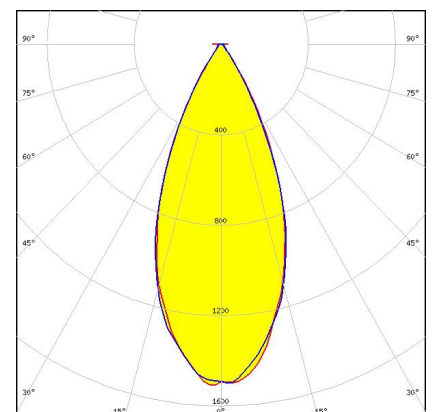
**CA13624\_G2-NIS83-MX-2-O-90**

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~45° + 15° oval beam optimized for Nichia NS6x83. Variant with beam direction rotated 90°. G2 assembly with light, white holder.

**FA10344\_NIS83-MX-W**



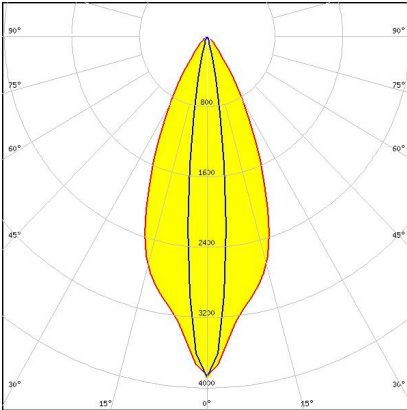
**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~50° wide beam optimized for Nichia NS6x83. Assembly with white holder.

### PRODUCTS:

#### FCX10854\_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.

#### CA12123\_NIS83-2-SS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~15° smooth spot beam optimized for Nichia NS6x83. Assembly with black holder.

#### FA10310\_K2S-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 15.60 mm**

~43° + 15° oval beam optimized for LUXEON K2. Assembly with transparent holder.

#### CA10611\_NIS83-MX-2-O

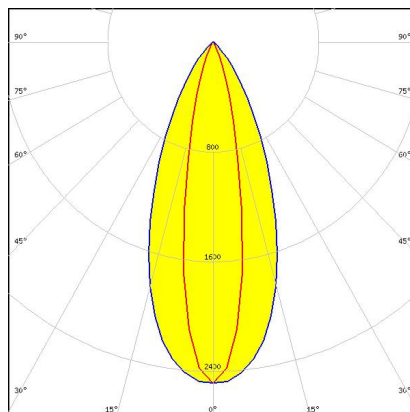
**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~45° + 15° oval beam optimized for Nichia NS6x83. Assembly with white holder.

#### FA11155\_CMC-O-90

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~13° + 45° oval beam optimized for CREE MC-E. Variant with beam direction rotated 90°. Assembly with black holder.



#### CA13622\_G2-NIS83-MX-2-O

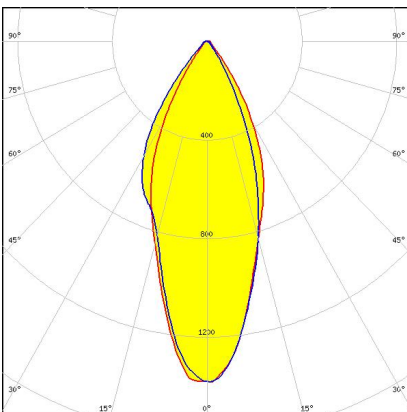
**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~45° + 15° oval beam optimized for Nichia NS6x83. G2 assembly with light, white holder.



### PRODUCTS:

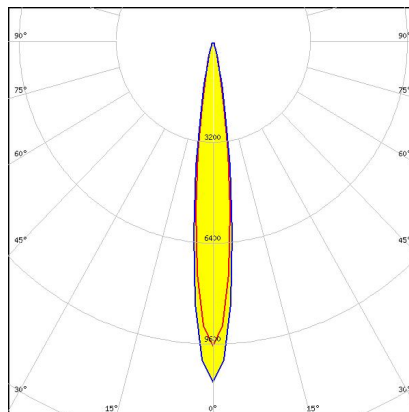
#### FA10342\_OSS-W



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.90 mm**

~50° wide beam optimized for Osram Golden Dragon+. Assembly with white holder.

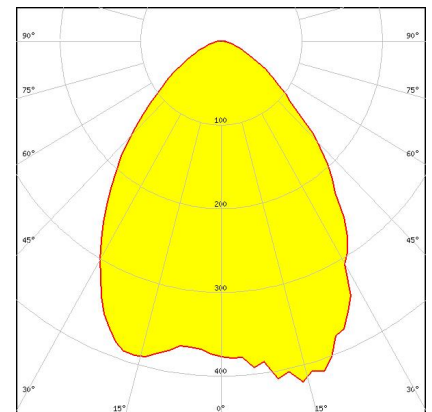
#### FCX10852\_RES-D



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~16° diffused spot beam optimized for LUXEON Rebel. Assembly with white holder.

#### CA12081\_OSS-2-WWW



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.90 mm**

~80° wide beam optimized for Osram Golden Dragon+. Assembly with white holder.

#### FA10308\_K2S-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 15.60 mm**

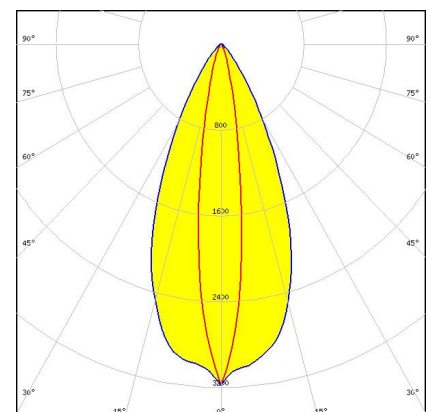
~16° diffused spot beam optimized for LUXEON K2. Assembly with transparent holder.

#### CA10609\_NIS83-MX-2-SS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~15° smooth spot beam optimized for Nichia NS6x83. Assembly with white holder.

#### FA11151\_NIS83-MX-O-90

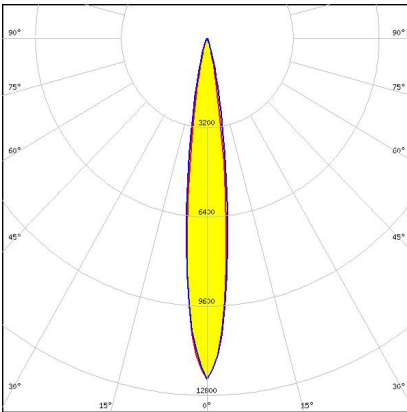


**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~13° + 45° oval beam optimized for Nichia NS6x83. Variant with beam direction rotated 90°. Assembly with white holder.

### PRODUCTS:

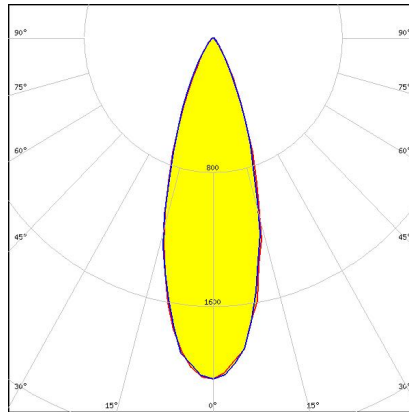
#### CA13620\_G2-NIS83-MX-2-SS



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~15° smooth spot beam optimized for Nichia NS6x83. G2 assembly with light, white holder.

#### FA10339\_NIS83-MX-M



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

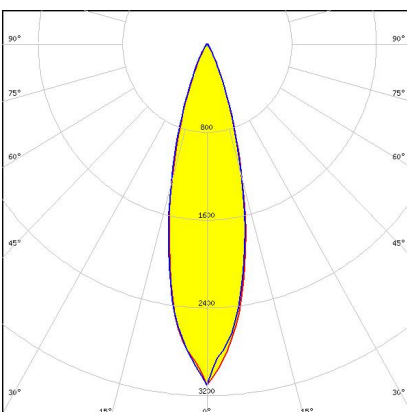
~30° medium beam optimized for Nichia NS6x83. Assembly with white holder and installation tape.

#### FA10714\_CMC-W

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~50° wide beam optimized for CREE MC-E. Assembly with black holder.

#### FA11911\_CXM-M



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

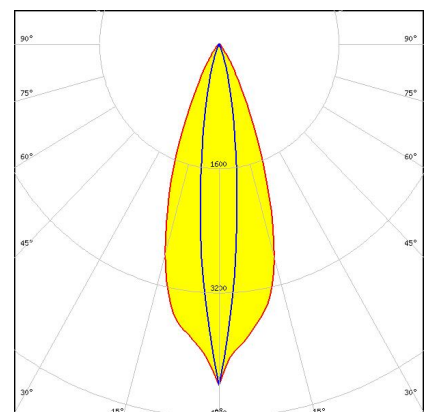
~30° medium beam optimized for CREE XM-L. Assembly with white holder.

#### FCA10306\_CRS-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

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

#### CA10596\_NIS036-2-O



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~45° + 15° oval beam optimized for Nichia NJSx036. Assembly with white holder.

### PRODUCTS:

**FA11147\_CRS-O-90**

**CA13617\_G2-OSS-2-WWW**

**FA10337\_NIS83-MX-SS**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~13° + 45° oval beam optimized for CREE XR-E. Variant with beam direction rotated 90°. Assembly with white holder.

**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.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~15° smooth spot beam optimized for Nichia NS6x83. Assembly with white holder and installation tape.

**FA10680\_CMC-O**

**FA11909\_CXM-RS**

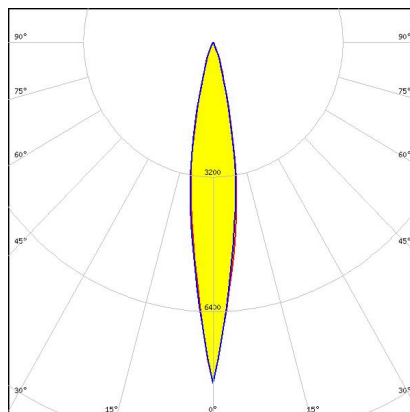
**FCA10304\_CRS-D**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

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

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~11° spot beam optimized for CREE XM-L. Assembly with white holder.



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~16° diffused spot beam optimized for CREE XR-E. Assembly with grey holder.

### PRODUCTS:

**CA10594\_NIS036-2-SS**

**FCA10939\_NIS036-W**

**CA13614\_G2-OSS-2-M**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~15° smooth spot beam optimized for Nichia NJSx036. Assembly with white holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~50° wide beam optimized for Nichia NJSx036. Assembly with white holder.

**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.

**FA10330\_SSS-SS**

**FA10678\_CMC-SS**

**CA11839\_NIS83-MX-2-M**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.30 mm**

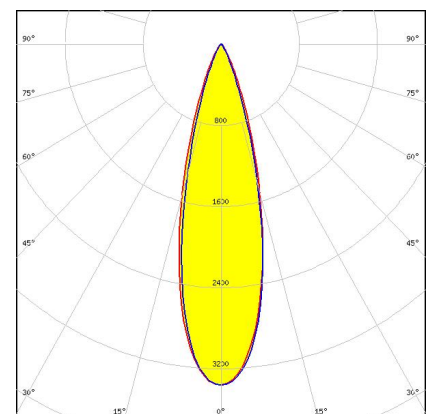
~15° smooth spot beam optimized for Seoul P4. Assembly with black holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.80 mm**

~15° smooth spot beam optimized for CREE MC-E. Assembly with black holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~30° medium beam optimized for Nichia NS6x83. Assembly with white holder.



### PRODUCTS:

**FA10302\_OSS-O**

**CA10592\_NIS036-2-M**

**FCA10937\_NIS036-M**

**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.

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.00 mm**

~30° medium beam optimized for Nichia NJSx036. Assembly with white holder.

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.00 mm**

~30° medium beam optimized for Nichia NJSx036. Assembly with white holder.

**CA13612\_G2-OSS-2-SS**

**FCA10328\_CRS-SS**

**FA10676\_CMC-M**

**Dimensions: 21.6 mm x 21.6 mm**

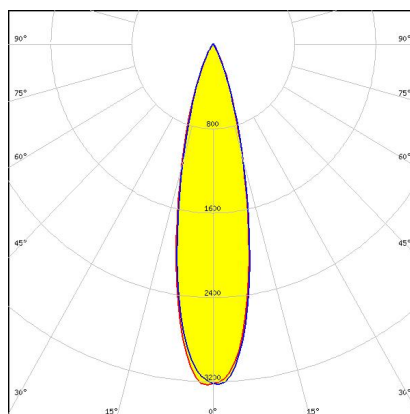
**Height: 13.90 mm**

~15° smooth spot beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.80 mm**

~15° smooth spot beam optimized for CREE XR-E. Assembly with grey holder.



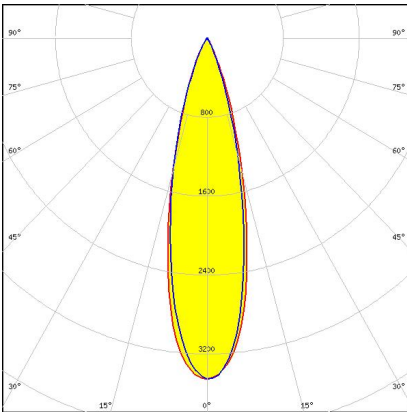
**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.80 mm**

~30° medium beam optimized for CREE MC-E. Assembly with black holder.

### PRODUCTS:

#### FA11540\_NIS83-MX-MD



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

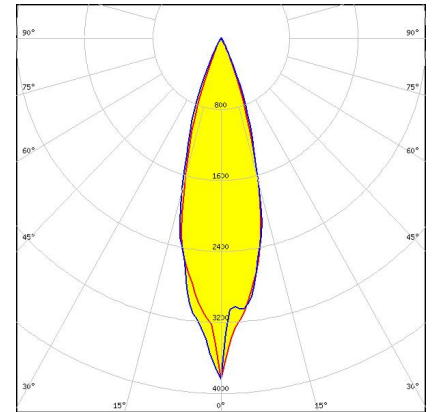
~25° medium beam optimized for Nichia NS6x83. Assembly with white holder.

#### FA10300\_OSS-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.90 mm**

~16° diffused spot beam optimized for Osram Golden Dragon+. 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.

#### FCA10935\_NIS036-SS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~15° smooth spot beam optimized for Nichia NJSx036. Assembly with white holder.

#### CA13609\_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.

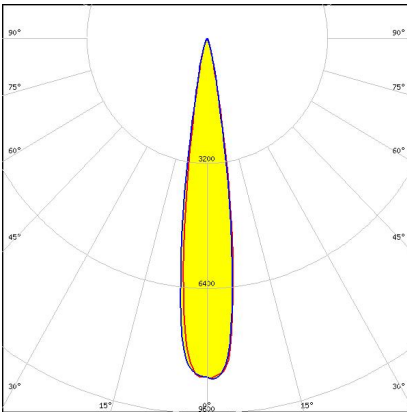
#### FA10323\_K2S-W

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 15.60 mm**

~50° wide beam optimized for LUXEON K2. Assembly with transparent holder.

### PRODUCTS:

#### 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.

#### FA11236\_NIS53-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

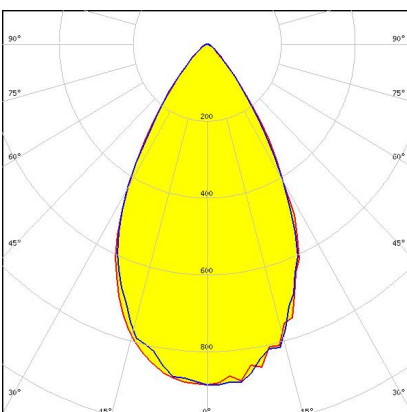
~45° + 15° oval beam optimized for  
Nichia NS9x153. Assembly with black  
holder.

#### 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.

#### 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.

#### CA12126\_NIS83-2-M

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~30° medium beam optimized for Nichia  
NS6x83. Assembly with black holder.

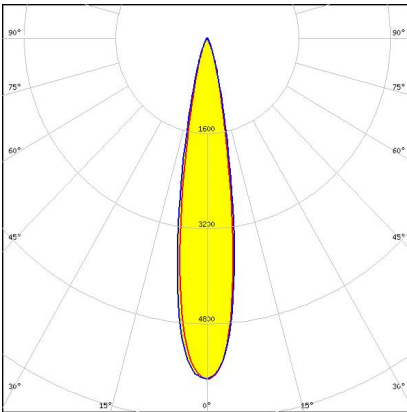
#### FA10313\_SSS-M

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.30 mm**

~30° medium beam optimized for Seoul  
P4. Assembly with black holder.

### PRODUCTS:

#### FA10666\_CXP-D



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.15 mm**

~16° diffused spot beam optimized for CREE XP-E. Assembly with black holder.

#### FA11234\_NIS53-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~16° diffused spot beam optimized for Nichia NS9x153. Assembly with black holder.

#### FCA13625\_FG2-NIS83-MX-O-90

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

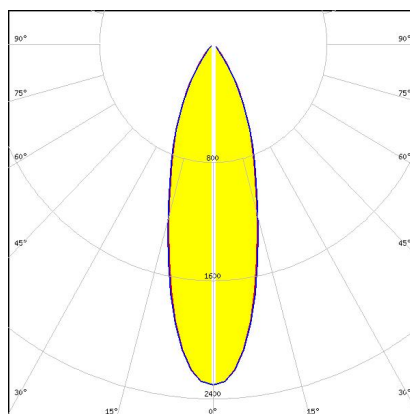
~13° + 44° oval beam optimized for Nichia NS6x83. Variant with beam direction rotated 90°. G2 assembly with light, white holder.

#### FA10539\_SSS-W

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.30 mm**

~50° wide beam optimized for Seoul P4. Assembly with black holder.

#### FCX10855\_RES-W



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~50° wide beam for LUXEON Rebel. Assembly with white holder.

#### CA12124\_NIS83-2-RS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~11° spot beam optimized for Nichia NS6x83. Assembly with black holder.



### PRODUCTS:

**FA10311\_SSS-RS**

**CA10624\_NIS036-2-W**

**FCA11160\_NIS036-O-90**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.30 mm**

~11° spot beam optimized for Seoul P4.  
Assembly with black holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.00 mm**

~50° wide beam optimized for Nichia  
NS6x83. Assembly with white holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.15 mm**

~13° + 45° oval beam optimized for  
Nichia NJSx036. Variant with beam  
direction rotated 90°. Assembly with  
white holder.

**CA13623\_G2-NIS83-MX-2-M**

**FA10343\_CRS-WW**

**FCX10853\_RES-SS**

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

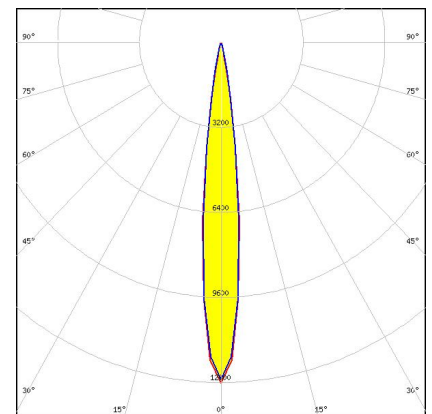
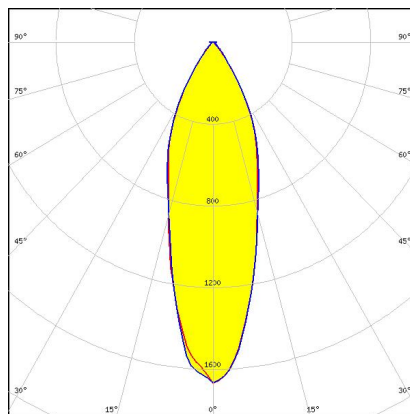
~25° medium beam optimized for Nichia  
NS6x83. G2 assembly with light, white  
holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.54 mm**

~60° wider beam optimized for CREE  
XR-E. Assembly with grey holder.

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

~15° smooth spot beam optimized for  
LUXEON Rebel. Assembly with white  
holder.



### PRODUCTS:

CA12122\_NIS83-2-D

FA10309\_K2S-M

CA10610\_NIS83-MX-2-RS

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~16° diffused spot beam optimized for Nichia NS6x83. Assembly with black holder.

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 15.60 mm**

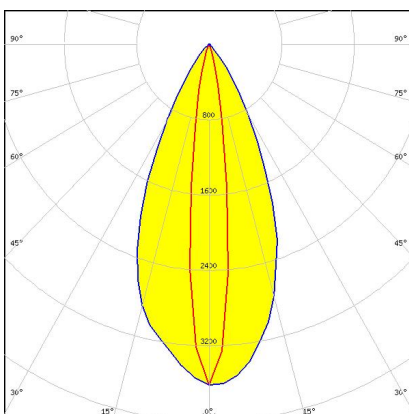
~30° medium beam optimized for LUXEON K2. Assembly with transparent holder.

**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~11° spot beam optimized for Nichia NS6x83. Assembly with white holder.

FA11153\_CXP-O-90

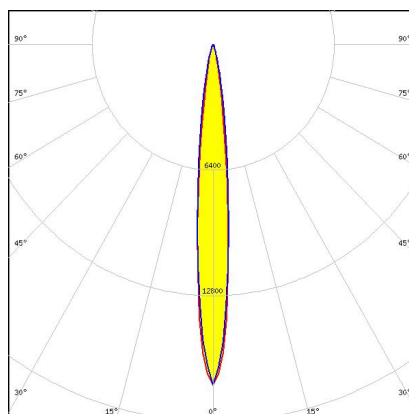


**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.15 mm**

~13° + 45° oval beam optimized for CREE XP-E. Variant with beam direction rotated 90°. Assembly with black holder.

CA13621\_G2-NIS83-MX-2-RS



**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~11° spot beam optimized for Nichia NS6x83. G2 assembly with light, white holder.

FA10340\_NIS83-MX-O

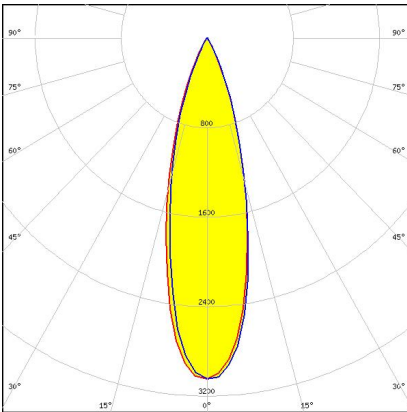
**Dimensions: 21.6 mm x 21.6 mm**

**Height: 13.50 mm**

~45° x 15° oval beam optimized for Nichia NS6x83. Assembly with 13.5 mm high white holder.

### PRODUCTS:

#### FCX10851\_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.

#### FA11912\_CXM-O

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 12.90 mm**

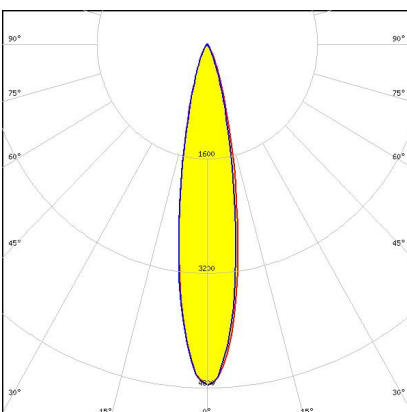
~45° + 15° oval beam optimized for CREE XM-L. Assembly with white holder.

#### FA10307\_K2S-RS

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 15.60 mm**

~11° spot beam optimized for LUXEON K2. Assembly with transparent holder.

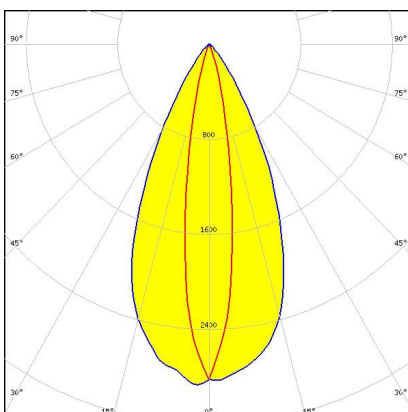
#### CA10608\_NIS83-MX-2-D



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~16° diffused spot beam optimized for Nichia NS6x83. Assembly with white holder.

#### 4FA11149\_SSS-O-90



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 14.87 mm**

~13° + 45° oval beam optimized for Seoul P4. Variant with beam direction rotated 90°. Assembly with black holder.

#### CA13619\_G2-NIS83-MX-2-D

**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 13.50 mm**

~16° diffused spot beam optimized for Nichia NS6x83. G2 assembly with light, white holder.

### 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.

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