

### **OLGA-S**

~11° spot beam. Assembly with holder and installation tape.

### **SPECIFICATION:**

Dimensions	Ø 32.0
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



### **MATERIALS:**

Component	Туре	Material	Colour	Finish	Length (mm)
OLGA-S	Single lens	PMMA	clear		
OLGA-HLD	Holder	PC	black		
SPUTNIK-TAPE3	Tape	Acryl tape	black		

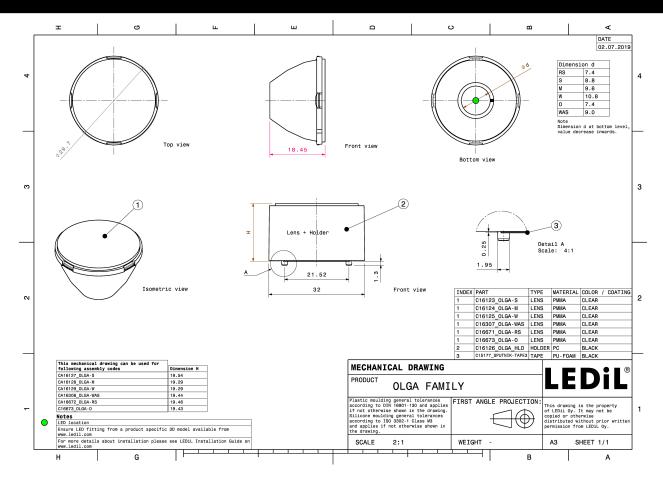
### **ORDERING INFORMATION:**

» Box size: 476 x 273 x 292 mm

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16127 OLGA-S	792	132	66	9.8



# PRODUCT DATASHEET CA16127\_OLGA-S



See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

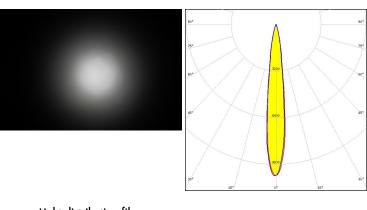
2/29

Published: 11/01/2019



# CREE \$

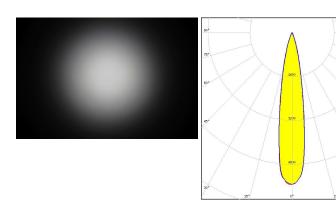
LED XD16
FWHM / FWTM 13.0° / 28.0°
Efficiency 82 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# CREE -

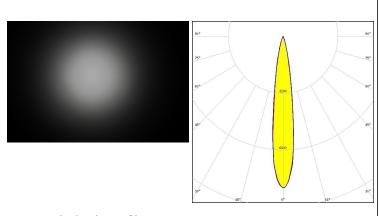
LED XHP35 HD
FWHM / FWTM 19.0° / 37.0°
Efficiency 83 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# CREE -

LED XHP35 HI
FWHM / FWTM 15.0° / 31.0°
Efficiency 87 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

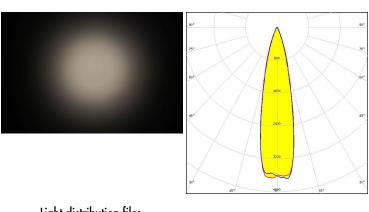


Light distribution files



# CREE \$

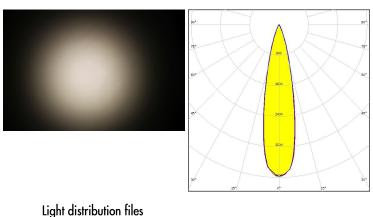
LED XHP50 24.0° / 44.0° FWHM / FWTM Efficiency 83 % Peak intensity 3.7 cd/lm LEDs/each optic White Light colour/type Required components:



Light distribution files

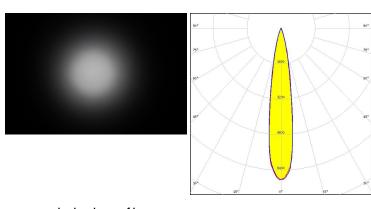
# CREE \$

XHP50.2 FWHM / FWTM 23.0° / 43.0° Efficiency 82 % Peak intensity 4 cd/lm LEDs/each optic Light colour/type White Required components:



# CREE \$

LED XM-L  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 17.0° / 34.0° Efficiency 86 % Peak intensity 6.8 cd/lm LEDs/each optic Light colour/type White Required components:

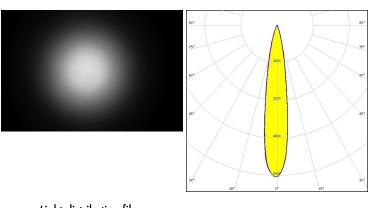


Light distribution files



# CREE &

LED XM-L3
FWHM / FWTM 17.0° / 35.0°
Efficiency 85 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

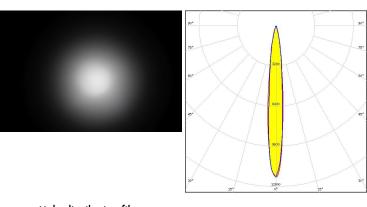


Light distribution files

# CREE \$

LED XP-E
FWHM / FWTM 11.0° / 27.0°
Efficiency 87 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1

Light colour/type White Required components:



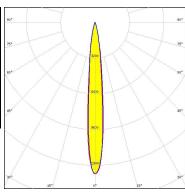
Light distribution files

# CREE -

LED XP-E2
FWHM / FWTM 11.0° / 26.0°
Efficiency 89 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



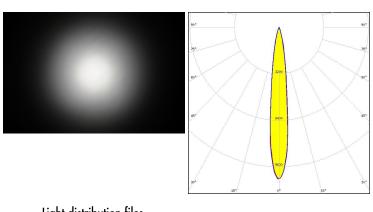


Light distribution files



# CREE -

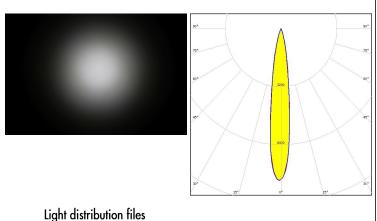
LED XP-G2 13.0° / 29.0° FWHM / FWTM Efficiency 87 % 10 cd/lm Peak intensity LEDs/each optic White Light colour/type Required components:



Light distribution files

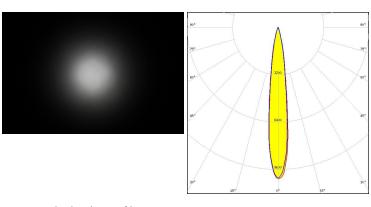
# CREE \$

XP-G3 FWHM / FWTM 14.0° / 31.0° Efficiency 86 % Peak intensity 8.4 cd/lm LEDs/each optic Light colour/type White Required components:



# CREE \$

LED XP-L HI  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 14.0° / 29.0° Efficiency 88 % Peak intensity 10.2 cd/lm LEDs/each optic 1 Light colour/type White Required components:

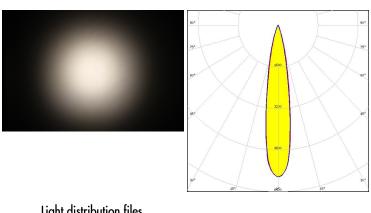


Light distribution files



# CREE -

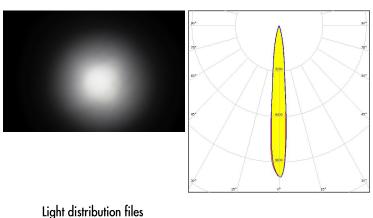
LED XP-L2 FWHM / FWTM 18.0° / 36.0° Efficiency 82 % Peak intensity 5.8 cd/lm LEDs/each optic White Light colour/type Required components:



Light distribution files

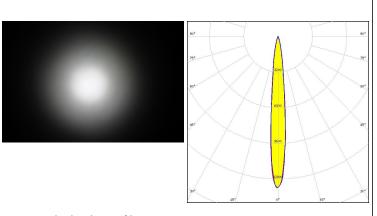
# CREE \$

XQ-E HD FWHM / FWTM 11.0° / 28.0° Efficiency 81 % Peak intensity 11 cd/lm LEDs/each optic Light colour/type White Required components:



# CREE \$

LED XQ-E HI  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 11.0° / 26.0° Efficiency 86 % Peak intensity 13.6 cd/lm LEDs/each optic Light colour/type White Required components:

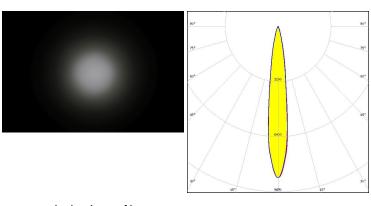


Light distribution files



# CREE -

LED XT-E
FWHM / FWTM 14.0° / 30.0°
Efficiency 84 %
Peak intensity 8.8 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# **UMILEDS**

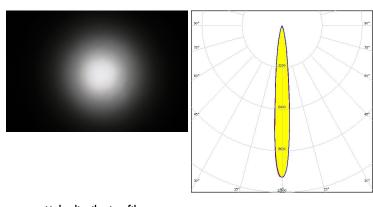
 LED
 LUXEON C

 FWHM / FWTM
 11.0° / 27.0°

 Efficiency
 84 %

 Peak intensity
 11.6 cd/lm

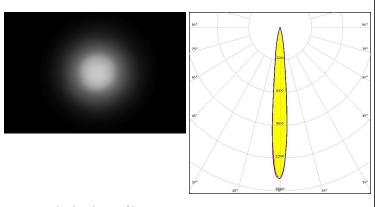
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# **MILEDS**

LED LUXEON CZ
FWHM / FWTM 11.0° / 25.0°
Efficiency 89 %
Peak intensity 14.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

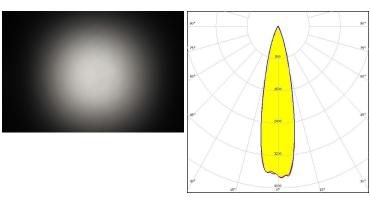


Light distribution files





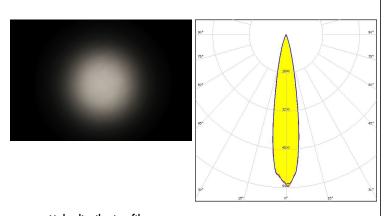
LED LUXEON M/MX FWHM / FWTM 24.0° / 44.0°
Efficiency 84 % Reak intensity 3.8 cd/lm LEDs/each optic 1 Light colour/type White Required components:



Light distribution files

# **UMILEDS**

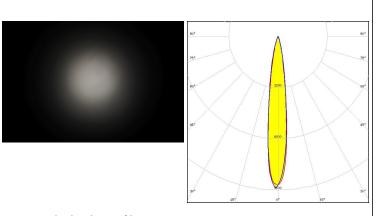
LED LUXEON MZ
FWHM / FWTM 19.0° / 35.0°
Efficiency 86 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

### **DESCRIPTION**

LED LUXEON Rebel ES
FWHM / FWTM 14.0° / 30.0°
Efficiency 86 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1



Light distribution files



### **MUMILEDS**

 LED
 LUXEON TX

 FWHM / FWTM
 14.0° / 29.0°

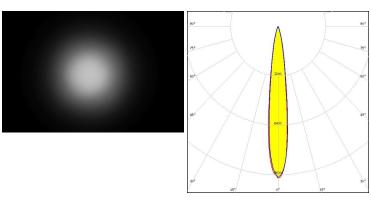
 Efficiency
 86 %

 Peak intensity
 9.8 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

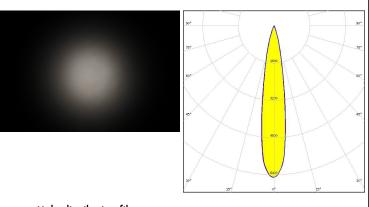
 Required components:



Light distribution files

# **UMILEDS**

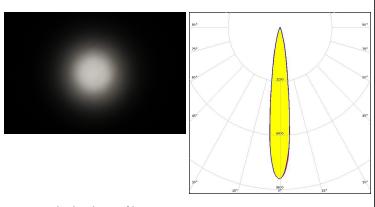
LED LUXEON V
FWHM / FWTM 18.0° / 35.0°
Efficiency 84 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

### **DESCRIPTION**

LED LUXEON V2
FWHM / FWTM 15.0° / 31.0°
Efficiency 86 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



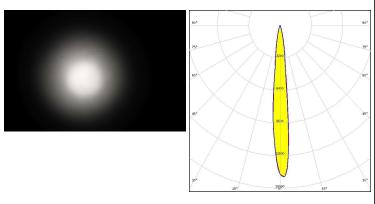
Light distribution files





LED LUXEON Z
FWHM / FWTM 11.0° / 25.0°
Efficiency 88 %
Peak intensity 15.1 cd/lm
LEDs/each optic 1

Light colour/type White Required components:



Light distribution files

# **UMILEDS**

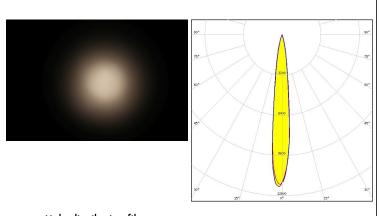
 LED
 LUXEON Z ES

 FWHM / FWTM
 12.0° / 27.0°

 Efficiency
 89 %

 Peak intensity
 12.1 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

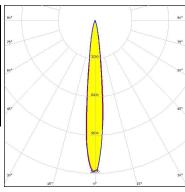


Light distribution files

### **WNICHIA**

Required components:

LED NCSxE17A
FWHM / FWTM 12.0° / 26.0°
Efficiency 87 %
Peak intensity 12.7 cd/lm
LEDs/each optic 1
Light colour/type White



Light distribution files



### **WNICHIA**

 LED
 NV4x144A

 FWHM / FWTM
 23.0° / 43.0°

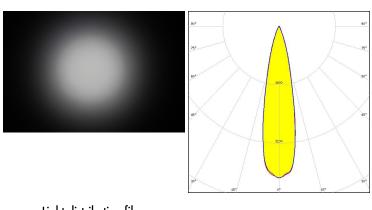
 Efficiency
 84 %

 Peak intensity
 4.1 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

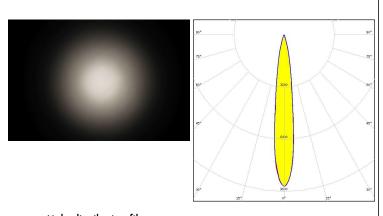
 Required components:



Light distribution files

### **WNICHIA**

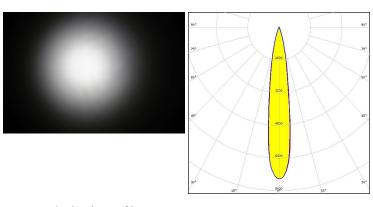
LED NVSW219D
FWHM / FWTM 14.0° / 30.0°
Efficiency 85 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

### **WNICHIA**

LED NVSW319B
FWHM / FWTM 16.0° / 33.0°
Efficiency 86 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



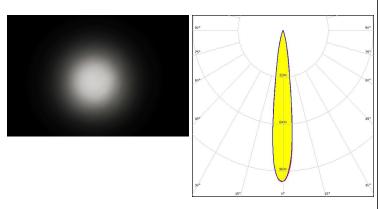
Light distribution files



### **WNICHIA**

LED NVSxE21A
FWHM / FWTM 14.0° / 28.0°
Efficiency 87 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1

Light colour/type White Required components:



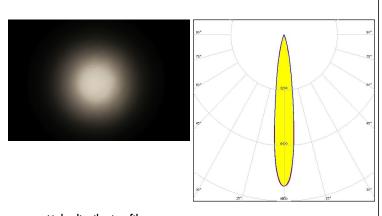
Light distribution files

### **WNICHIA**

LED NVSxx19B/NVSxx19C

FWHM / FWTM 15.0° / 31.0°
Efficiency 85 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1

Light colour/type White Required components:

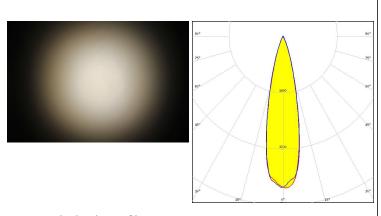


Light distribution files

#### OSRAM Opto Semiconductors

LED Duris S8
FWHM / FWTM 24.0° / 43.0°
Efficiency 86 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1

Light colour/type White Required components:



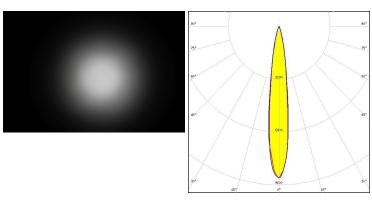
Light distribution files



#### OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 14.0° / 30.0°
Efficiency 87 %
Peak intensity 9.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

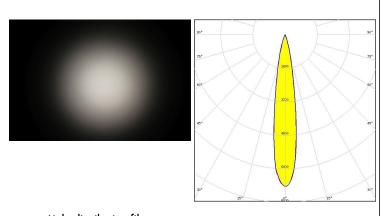


Light distribution files

#### OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 17.0° / 33.0°
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

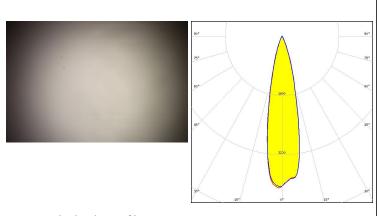
### **OSRAM**

 LED
 OSCONIQ P 7070

 FWHM / FWTM
 23.0° / 42.0°

 Efficiency
 84 %

 Peak intensity
 4.1 cd/lm



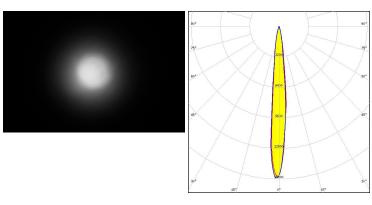
Light distribution files



#### OSRAM Opto Semiconductors

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 11.0° / 24.0°
Efficiency 88 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

#### OSRAM Opto Semiconductors

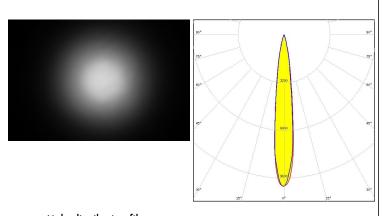
LED OSLON Square CSSRM2/CSSRM3

 FWHM / FWTM
 14.0° / 30.0°

 Efficiency
 87 %

 Peak intensity
 10.2 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

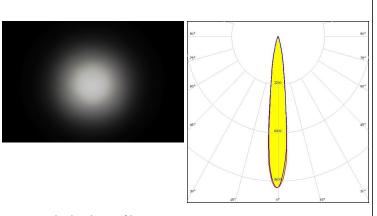
### **OSRAM**

LED OSLON Square EC

 FWHM / FWTM
 13.0° / 29.0°

 Efficiency
 85 %

 Peak intensity
 10 cd/lm



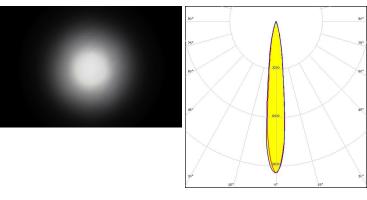
Light distribution files



#### OSRAM Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM 13.0° / 30.0°
Efficiency 85 %
Peak intensity 10.1 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

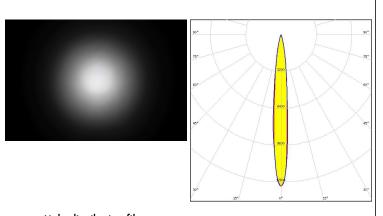


Light distribution files

#### OSRAM Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 11.0° / 26.0°
Efficiency 87 %
Peak intensity 13 cd/lm
LEDs/each optic 1

Light colour/type White Required components:

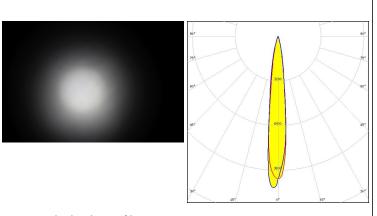


Light distribution files

#### OSRAM Opto Semiconductors

LED OSLON SSL 80 FWHM / FWTM 13.0° / 28.0°

Efficiency 86 %
Peak intensity 11.1 cd/lm



Light distribution files



#### OSRAM Opto Semiconductors

LED OSTAR Stage (S2WN)

FWHM / FWTM 14.0° / 30.0°

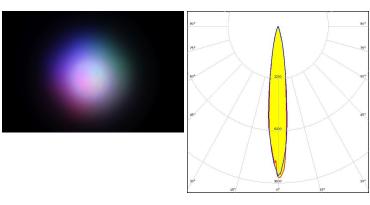
Efficiency 86 %

Peak intensity 9.3 cd/lm

LEDs/each optic 1

Light colour/type RGBW

Required components:



Light distribution files

### **SAMSUNG**

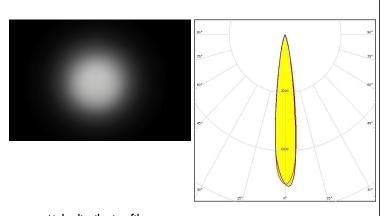
 LED
 LH181A

 FWHM / FWTM
 15.0° / 30.0°

 Efficiency
 81 %

 Peak intensity
 8.4 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

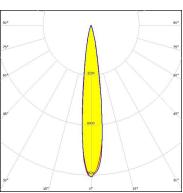


Light distribution files

### **SAMSUNG**

LED LH181B
FWHM / FWTM 15.0° / 29.0°
Efficiency 87 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



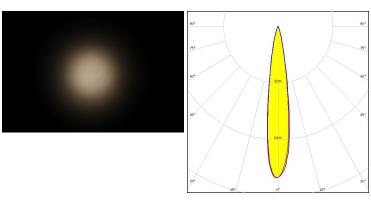


Light distribution files



# **SAMSUNG**

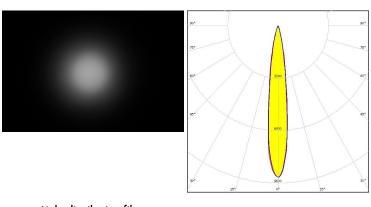
LED LH231B
FWHM / FWTM 16.0° / 31.0°
Efficiency 88 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

### **SAMSUNG**

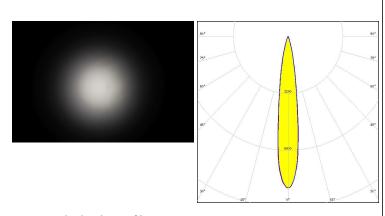
LED LH351B
FWHM / FWTM 14.0° / 30.0°
Efficiency 87 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

### **SAMSUNG**

LED LH351C
FWHM / FWTM 15.0° / 31.0°
Efficiency 86 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

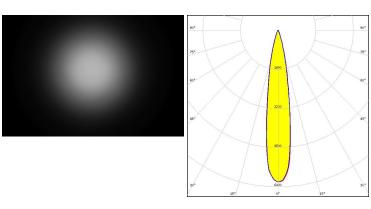


Light distribution files



# **SAMSUNG**

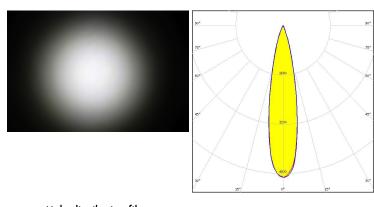
LH351D FWHM / FWTM 18.0° / 36.0° Efficiency 85 % Peak intensity 6.2 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

### **SAMSUNG**

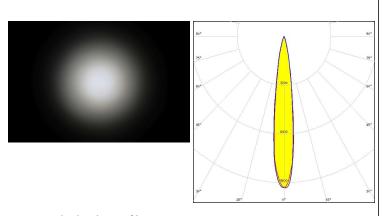
LH508A FWHM / FWTM 21.0° / 40.0° Efficiency 86 % Peak intensity 4.9 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

### **SAMSUNG**

LED LM302A FWHM / FWTM 14.0° / 30.0° Efficiency 89 % Peak intensity 9.9 cd/lm LEDs/each optic 1 Light colour/type White Required components:



Light distribution files



# **SAMSUNG**

 LED
 LM561B

 FWHM / FWTM
 14.0° / 31.0°

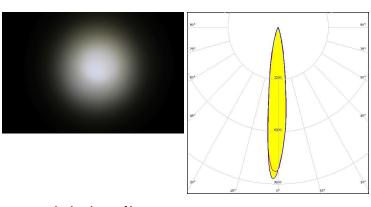
 Efficiency
 88 %

 Peak intensity
 9.3 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

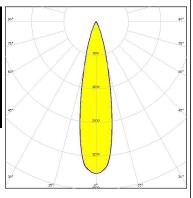
 Required components:



Light distribution files



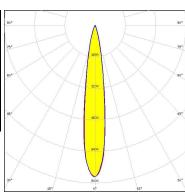
LED WICOP 5050
FWHM / FWTM 24.0° / 45.0°
Efficiency 81 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M3
FWHM / FWTM 16.0° / 32.0°
Efficiency 84 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



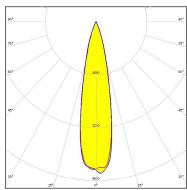
# CREE +

LED XHP35.2 HI
FWHM / FWTM 18.0° / 36.0°
Efficiency 88 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

# CREE +

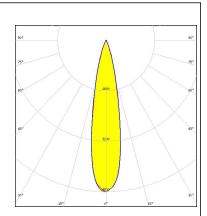
LED XHP50
FWHM / FWTM 23.0° / 42.0°
Efficiency 86 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# CREE -

LED XHP50.3 HD
FWHM / FWTM 22.0° / 40.0°
Efficiency 84 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



# CREE +

LED XHP50.3 HI
FWHM / FWTM 18.0° / 36.0°
Efficiency 95 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

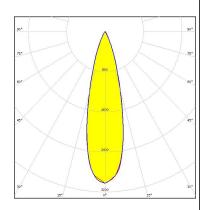
Light distribution files

# CREE \$

LED XHP70.3 HD FWHM / FWTM 26.0 + 28.0° / 50.0°

Efficiency 82 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

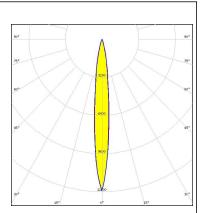


Light distribution files

# CREE -

LED XP-E2
FWHM / FWTM 11.0° / 28.0°
Efficiency 91 %
Peak intensity 12.7 cd/lm
LEDs/each optic 1
Light colour/type Amber

Required components:

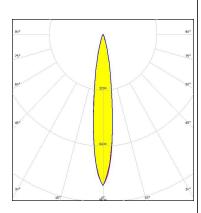


Light distribution files



# CREE \$

LED XP-G2 HE
FWHM / FWTM 15.0° / 32.0°
Efficiency 88 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

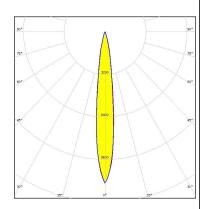


Light distribution files

# CREE -

LED XP-G4
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White

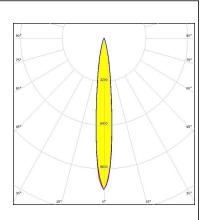
Required components:



Light distribution files

# CREE -

LED XP-G4 HI
FWHM / FWTM 12.0° / 30.0°
Efficiency 90 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



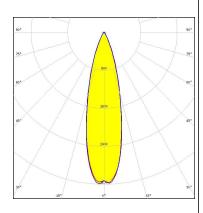
Light distribution files





LED LUXEON 7070
FWHM / FWTM 26.0° / 51.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

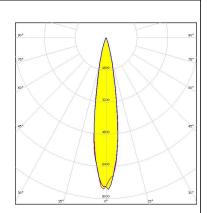


Light distribution files



LED LUXEON MZ
FWHM / FWTM 18.0° / 34.0°
Efficiency 90 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

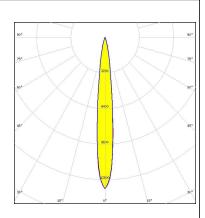


Light distribution files



LED SFT-12R-W-A
FWHM / FWTM 12.0° / 27.0°
Efficiency 93 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files





 LED
 SST-20 Gen1

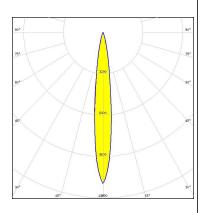
 FWHM / FWTM
 14.0° / 28.0°

 Efficiency
 91 %

 Peak intensity
 11.7 cd/lm

LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



 LED
 SST-20 Gen2

 FWHM / FWTM
 13.0° / 28.0°

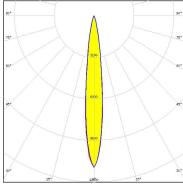
 Efficiency
 90 %

 Peak intensity
 11.7 cd/lm

LEDs/each optic 1
Light colour/type White

Required components:





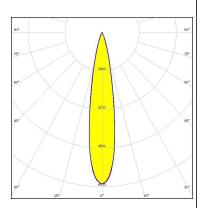
Light distribution files



LED SST-70X-WCS FWHM / FWTM 20.0° / 37.0 + 36.0°

Efficiency 89 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files





### **WNICHIA**

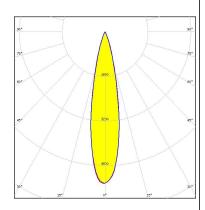
LED NF2x757G
FWHM / FWTM 16.0° / 31.0°
Efficiency 91 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED NFMW48xA
FWHM / FWTM 21.0° / 40.0°
Efficiency 89 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White

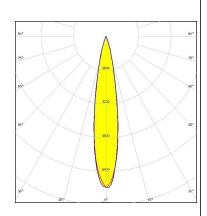
Required components:



Light distribution files



LED NV4WB35AM
FWHM / FWTM 18.0° / 34.0°
Efficiency 89 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

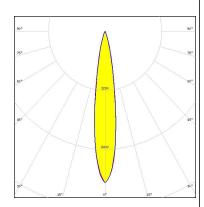


# OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 16.0° / 33.0° Efficiency 89 % Peak intensity 8.2 cd/lm LEDs/each optic 1 Light colour/type White

Required components:



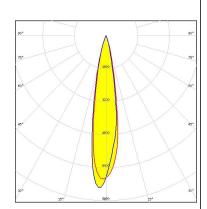
Light distribution files

# OSRAM Opto Semiconductore

OSLON Pure 1414 LFD 19.0 + 18.0° / 35.0 + 33.0° FWHM / FWTM

Efficiency 89 % Peak intensity 7.4 cd/lm LEDs/each optic 4 Light colour/type **RGBW** 

Required components:

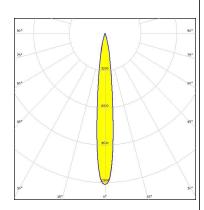


Light distribution files

### **OSRAM**

OSLON Pure 1414 FWHM / FWTM 12.0° / 28.0° Efficiency 92 % Peak intensity 13 cd/lm LEDs/each optic Light colour/type White

Required components:



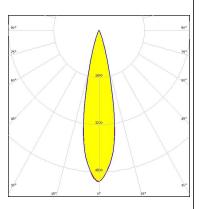
Light distribution files



# **SAMSUNG**

LED LH151B
FWHM / FWTM 22.0° / 38.0°
Efficiency 88 %
Peak intensity 5.1 cd/lm
LEDs/each optic 4
Light colour/type White

Required components:



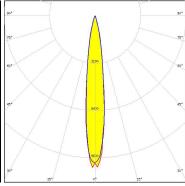
Light distribution files



LED Z5M3-E1
FWHM / FWTM 14.0° / 30.0°
Efficiency 89 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type
Required components:





Light distribution files



#### **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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