

#### LR2-RS

~9.6° spot beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

#### **SPECIFICATION:**

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



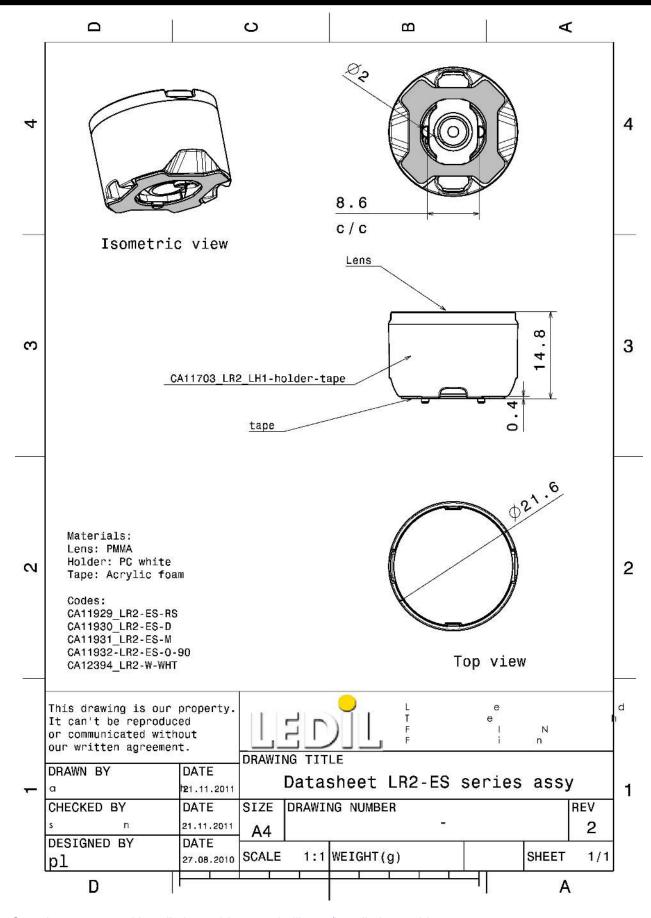
#### **MATERIALS:**

Component	Туре	Material	Colour	Finish
LXP2-RS	Single lens	PMMA	clear	
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Tape	Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11929_LR2-RS	Single lens	1680	336	112	9.3
» Box size: 480 x 280 x 300 mm					





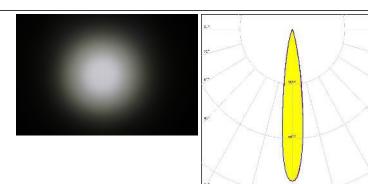
See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>



### **OPTICAL RESULTS (MEASURED):**

### CREE . LED

LED XP-L HD
FWHM / FWTM 16.0° / 31.0°
Efficiency 91 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



### **DIVIDITIES**

LED LUXEON Rebel ES

FWHM / FWTM 11.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

### **MUMILEDS**

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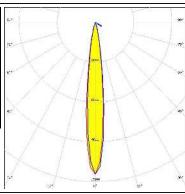
 FWHM / FWTM
 12.0° / 23.0°

 Efficiency
 91 %

 Peak intensity
 12.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:



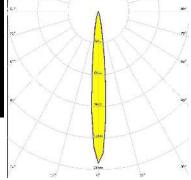


### **UMILEDS**

LED LUXEON TX
FWHM / FWTM 11.0° / 23.0°
Efficiency 91 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1

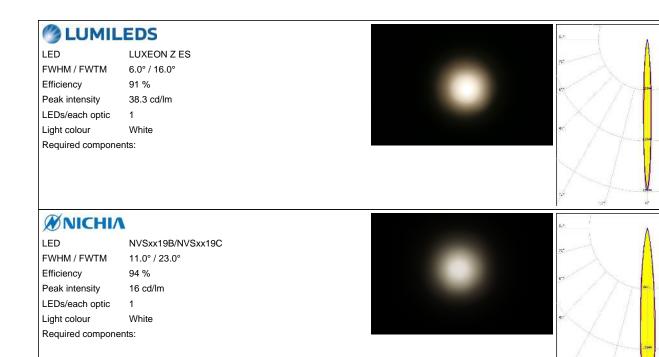
Light colour White Required components:





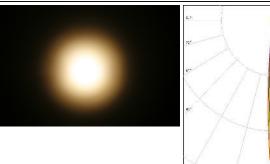


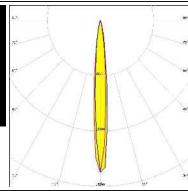
### **OPTICAL RESULTS (MEASURED):**



## OSRAM Opto Semiconductors

LED OSLON Square EC FWHM / FWTM 10.0° / 22.0° Efficiency 92 % Peak intensity 17.6 cd/lm LEDs/each optic Light colour White Required components:





### OSRAM Opto Semiconductors

PLPVEC2 850A FWHM / FWTM 5.0° / 12.0° Efficiency % LEDs/each optic IR Light colour Required components:

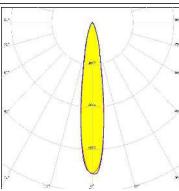


### CREE . LED

LED J Series 5050 Round LES

FWHM / FWTM 18.0° / 41.0° 95 % Efficiency Peak intensity 5.8 cd/lm LEDs/each optic Light colour White

Required components:



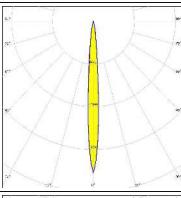
#### CREE & LED

LED XD16 FWHM / FWTM 8.0° / 18.0°

Efficiency 91 % Peak intensity 22.8 cd/lm

LEDs/each optic 1 White Light colour

Required components:



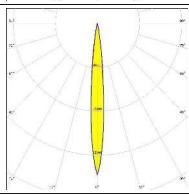
#### CREE \$\(\preceq\) LED

LED XP-G2 FWHM / FWTM 10.0° / 20.0°

Efficiency 95 % Peak intensity 22.2 cd/lm

LEDs/each optic Light colour White

Required components:



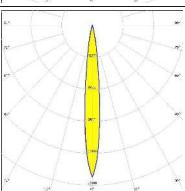
#### CREE - LED

XP-G3 FWHM / FWTM 12.0° / 24.0°

Efficiency 94 % Peak intensity 15.2 cd/lm

LEDs/each optic Light colour Required components:

White

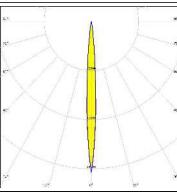




### CREE - LED

LED XQ-E HD
FWHM / FWTM 7.0° / 15.0°
Efficiency 92 %
Peak intensity 39 cd/lm
LEDs/each optic 1
Light colour White

Required components:

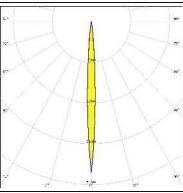


#### CREE & LED

LED XQ-E HI
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 47.7 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White

Required components:

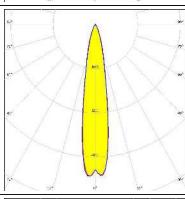


#### **DUMILEDS**

LED LUXEON 5050 Round LES

FWHM / FWTM 18.0° / 41.0°
Efficiency 96 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



### **MILEDS**

LED LUXEON 5050 Square LES

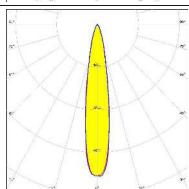
FWHM / FWTM 18.0° / 40.0°
Efficiency 97 %

Peak intensity 5.7 cd/lm

LEDs/each optic 1

Light colour White

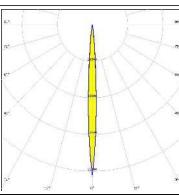
Required components:





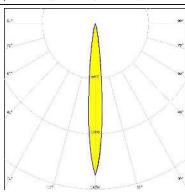


LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 95 %
Peak intensity 53 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



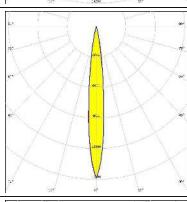
### **BLUMILEDS**

LED LUXEON H50-2
FWHM / FWTM 10.5° / 22.0°
Efficiency 93 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



### **MILEDS**

LED LUXEON HL2X
FWHM / FWTM 12.0° / 24.0°
Efficiency 94 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour White

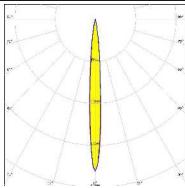


### **BLUMILEDS**

Required components:

LED LUXEON IR Domed 60 (L1I0-0xxx060000000)

FWHM / FWTM 8.0° / 20.0°
Efficiency 92 %
LEDs/each optic 1
Light colour IR
Required components:





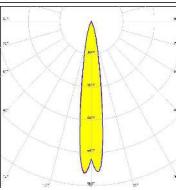


LED LUXEON MZ FWHM / FWTM 16.0° / 34.0°

Efficiency 95 %
Peak intensity 7.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:



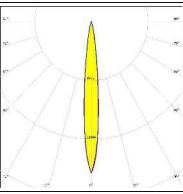
#### **BLUMILEDS**

LED LUXEON V2 FWHM / FWTM 11.0° / 24.0°

Efficiency 94 %
Peak intensity 16.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



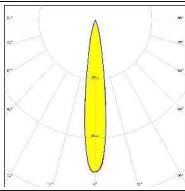
#### **WNICHIA**

LED NV4WB35AM FWHM / FWTM 16.0° / 34.0°

Efficiency 96 %
Peak intensity 8.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



#### OSRAM Opto Semiconductors

LED OSCONIQ C 2424

FWHM / FWTM 8.0° / 20.0°

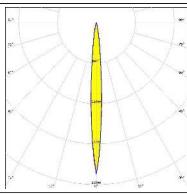
Efficiency 95 %

Peak intensity 24 cd/lm

LEDs/each optic 1

Light colour White

Light colour
Required components:





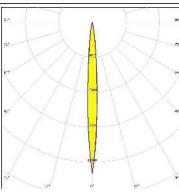
## OSRAM Opto Semiconductors

LED OSCONIQ P 3030

FWHM / FWTM 8.0° / 18.0° Efficiency 94 % Peak intensity 27.8 cd/lm

LEDs/each optic Light colour Blue

Required components:



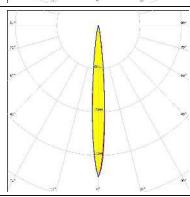
## OSRAM Opto Semiconductor

LED

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 10.0° / 20.0° Efficiency 95 % Peak intensity 22.5 cd/lm LEDs/each optic 1 White Light colour

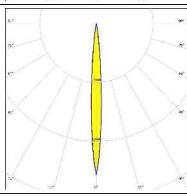
Required components:



## OSRAM Opto Semiconductors

LED OSLON SSL 120 FWHM / FWTM 8.0° / 16.0° Efficiency 95 % Peak intensity 33 cd/lm LEDs/each optic 1 Light colour Amber

Required components:



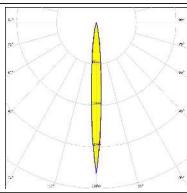
### OSRAM Opto Semiconductors

LED SFH 4715AS

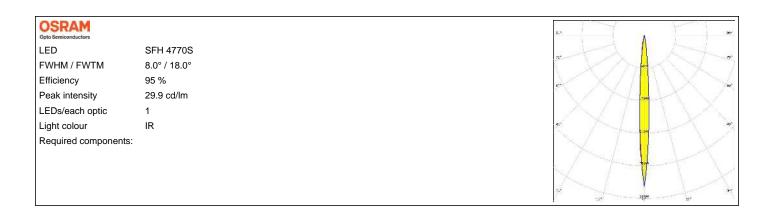
FWHM / FWTM 8.0° / 20.0° 94 % Efficiency Peak intensity 23.4 cd/lm LEDs/each optic 1

IR

Light colour Required components:









#### **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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