

## **RES-SS**

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

## **SPECIFICATION:**

Dimensions	21.6 x 21.6
Height	12.9 mm
Fastening	tape
ROHS compliant	yes 🕕



### **MATERIALS:**

Component	Type	Material	Colour	Finish	Length (mm)
F10332_ROSE-B-BSS	Single lens	PC	clear		
CA10554_ROSE-HLD-RE-WHT	Assembly		white		

### **ORDERING INFORMATION:**

#### **Quantities for one set:**

Single lens 1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
F10332_ROSE-B-B-SS » Box size: 480 x 280 x 300 mm	Single lens	1980	180	180	8.0
CA10554_ROSE-HLD-RE-WHT  » Box size: 480 x 280 x 300 mm	Assembly	3240	180	180	7.2



Published: 22/03/2022

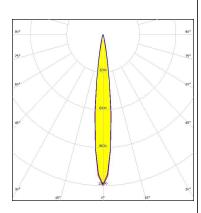


# **OPTICAL RESULTS (MEASURED):**

# **MUMILEDS**

LED LUXEON Rebel
FWHM / FWTM 13.0° / 27.0°
Efficiency 87 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1

Light colour/type White Required components:



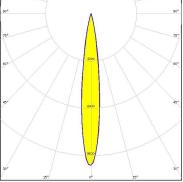
Light distribution files

# **UMILEDS**

LED LUXEON Rebel ES
FWHM / FWTM 14.0° / 28.0°
Efficiency 86 %
Peak intensity 10 cd/lm
LEDs/each optic 1

Light colour/type White Required components:





Light distribution files

4/6



# **OPTICAL RESULTS (SIMULATED):**

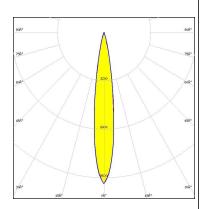


LED CSP 2323 (BXCP) FWHM / FWTM 16.0° / 28.0°

Efficiency 87 %
Peak intensity 10 cd/lm
LEDs/each optic 1

Light colour/type White

Required components:



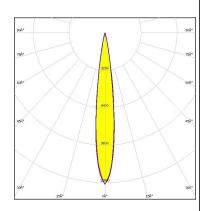
Light distribution files



LED LUXEON Rebel Plus

FWHM / FWTM 14.0° / 24.0°
Efficiency 88 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour/type White

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.

#### 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 13 FI-24240 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**

6/6

www.ledil.com/ where\_to\_buy