

# Schott CV-LS RGBW Light Source

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#### General

**Operating Lifetime (hours):**  
>50,000

**Model Number:**  
A20980/RGBW

**Intensity Control Option:**  
Yes

**Type of Illumination:**  
LED Illuminator

**Manufacturer:**  
SCHOTT

Constant **Illumination Mode:**

## Physical & Mechanical Properties

129Wx201D x59.69H **Dimensions (mm):**

0.816 **Weight (kg):**

## Optical Properties

Red, Green, Blue, or White **Color:**

## Electrical

Red: 130  
Green: 250  
Blue: 70  
White:400 **Output Power (Lumens):**

## Hardware & Interface Connectivity

24 DC **Input Voltage (V):**

**Power Supply:**  
Power Cord Required and Sold Separately.  
USA: [#75-296](#)  
Europe: [#75-298](#)  
UK: [#75-297](#)  
China: [#75-296](#)  
Japan: [#78-580](#)  
Korea: Not Available

## Environmental & Durability Factors

0 to 45 **Operating Temperature (°C):**

Red: 625  
Green: 530  
Blue: 460  
White: 6300 **Color Temperature (K):**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Heat-Free, Remote Fiber-Optic Illumination
- Designed for Stereo Microscopy and Machine Vision Applications
- Two Light Source Models Available

SCHOTT ColdVision Fiber Optic Illuminators are engineered to deliver uniform light quality while minimizing the thermal impact on illuminated objects. Light sources, light guides, and various mechanical and optical accessories allow for easily customizable illumination based on machine vision or microscopy applications. SCHOTT ColdVision Fiber Optic Illuminators are available in two light source models, the CV-LS series and the MC-LS model. Available in Cool White or RGBW, the CV-LS series contains an optical feedback loop that controls light intensity for consistent, reproducible results in industrial inspection applications. The MC-LS model offers a maximum light intensity of 850 lumens and supports continuous dimming from 0 to 100%, accommodating all levels of stereo microscopy.

**Note:** Power cord sold separately. See specifications for specific products.