

NEWS LETTER

ALFA MIRAGE Co., Ltd.

High Color Rendering Index Items

What is Color Rendering Index(CRI)? Why is it important?

WHAT IS CRI? (Color Rendering Index)

Color rendering, expressed as a rating from 0 to 100 on CRI, describes how a light source display the true color of an object appear to human eyes and how well subtle variations in color shades are revealed.

The higher the CRI, the better the color rendering ability of the light

A CRI of 90 or higher is recommended for museums, retail shops, and other settings where color differentiation is essential.

MR-95 (CRI 95) shows colors almost as accurately as daylight (CRI 100).



Ex. Red under CRI 95 looks sharp and bright. Under the CRI 70 the same red appears dimmed

LED Light with a high CRI 95

You can see the gemstone in original color, just as you would see it under sunlight.

LED LIGHT MR-95



High color rendering
 $Ra \geq 95$ is now available!

LED LIGHT MR-95

High color rendering (Ra95), which cannot be expressed by conventional LEDs, enables inspection and observation in light close to natural sunlight. Equipped with the LED produced by NICHIA, Japanese top manufacturer of LED. Compact and light-weight, making it easy to operate with one hand. Helps you to check the original color of the object and gemstones. Recommended for research professionals and gemologists.

Item code	104-064
Model	MR-95
Bulb	LED CRI : 95 / 25 Lumens
Weight	26g
Dimensions	φ17 x 100mm
Battery	AAA battery x 1

Comparison between MR-95 and conventional LED light



<https://www.youtube.com/watch?v=1cpuLzX-Ti4>



Ra \geq 95 High Color Rendering LED PENLIGHT MR-95

High color rendering Ra \geq 95 is now available! High color rendering (Ra95), which cannot be expressed by conventional LEDs, enables inspection and observation ...

www.youtube.com

LED GEMSTONE LIGHT WITH MAGNIFIER

Ideal for Gem's Color Evaluation

LED Gem Light With Magnifier

**Color Temperature
6000K**

**High Color Rendering
Ra95+**

**Rechargeable
& Cordless**



High Color Rendering Ability Ra 95+ & Color Temperature(6000K)

This LED light with magnifier has a color temperature of **6000K**, which is close to sunlight, and high color rendering Ra95+. Two adjustable illuminances: 4000 lux / 2000 lux.

High color rendering allows you to see the original color of gemstones as if seen under sunlight.

Lens Magnification & Free Angle with 180 degrees

2.25X and 4X lens with minimal distortion.

The angle can be adjusted 180 degrees up, down, left, and right.

Lightweight & Compact & Rechargeable & Cordless

Built-in battery(8 hours of continuous use on a full charge)

Light source: 18 high color-rendering LEDs

Color rendering index:Ra95+

Color temperature:6000K

Brightness: 4000, 2000 lux (2-step adjustment)

Diameter of magnifying lens: φ90 mm

Magnification of lens: 2.25X & 4X

Power source: AC100-240V, Lithium-ion battery (built-in)

Weight/Dimensions: 700 g/150 x150 x330 mm