Integrating Sphere Light Source with Infrared Light ISLS-CCR-220-IR

General Specifications	
DXOMARK Image Labs Reference	ISLS-CCR-220-IR
Color Temperature	2300K-10.000K
Illuminance	50-10.000 lux
Uniformity	Within 180°>95% Above 180°>90%
Infrared peak	850±10nm / 940nm ±10nm
Infrared radiator energy	0-2000µw/cm2
Color rendering index	>90
Entrance hole diameter	150mm
FOV supported	220°
Dimensions	560 x 560 x 500 mm
Power Supply	AC 220V / 240W
Country of origin	FRANCE

Description

The ISLS-CCR-220-IR Integrating Sphere Light Source with Infrared Light is an excellent choice for wide-angle camera testing. It offers a continuously adjustable color temperature range from 2300K to 10000K. Additionally, it includes two near-infrared light sources at 850nm and 940nm, which can be operated separately or combined. The brightness can be finely tuned across 10,000 levels under visible light conditions. With a color rendering index (CRI) above 90 and internal light uniformity of at least 90% within 210 degrees, this product boasts a 150mm aperture size. Its concave design supports a camera shooting angle of up to 200 degrees.

Additionally, the device is equipped with C/C++ APIs and a GUI for computer control, significantly enhancing testing efficiency.