

正印科技图像质量测试方案

Image Quality Test Solutions

LB2

LB2 Spherical Light Source

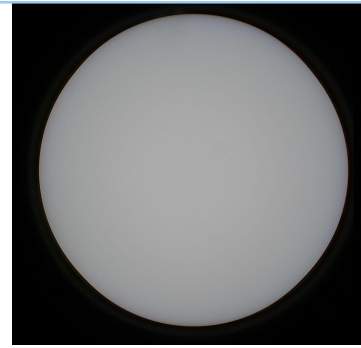
2016-10

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Overview

ColorSpace Co.ltd provides a series versatile lighting system. They are specially designed for image quality test applications, such as consumer electronics, automotive imaging, medical imaging, security surveillance industries. LB2 spherical lighting system can be used for test uniformity of wide FOV camera, up to 270~300 degree or even higher customized.



Specification

Model:	LB2-S(Single Color Temperature), LB2-D(Color Temperature Adjustable)
FOV:	270-300 Degree(Can be customized)
Maximum / Minimum illumination level:	Standard : 50-20000 lux (Measured in center of ball) Adjust Levels : 10000 Levels Optional : Can be customized range
Color Temperature:	Single Light Source : 2800K/5000K/6500K/IR CCT Adjustable: 2800K~6500K (Standard) Steps in Middle:10K/Step or 100K/Step Optional : Can be customized color temperature
CRI :	2800K~3000K>96 , 3000K~6500K>95, Measured at

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	maximized luminance.
Uniformity :	Spherical space distribution of LED and ball shade diffuser. Uniformity : 200 degree>95% , 200 degree above>90%
Endosphere Diameter:	Standard : 20cm Optional : Can be customized
Hole Diameter:	Standard : 12cm Optional : Can be customized
Control Method :	Touch Screen/USB/WiFi(Optional)
External Light Meter:	Optional
Internal Light Meter :	Optional
Open API :	Optional
Control Software: Light Control V2.0	Optional. (Can control multi units light equipment at the same time.)
Dimension :	Standard: 40cmX40cmX36cm(LxWxH) , Optional: Can be customized.
Operation Environment :	Temperature :15-30°C , Humidity 30%-60%
Applications :	Can be used to test WFOV cameras, such as Shading, Color Shading , AE, Noise , Blemish etc.
For Industries :	Automotive camera , 360 degree camera, Panorama camera.

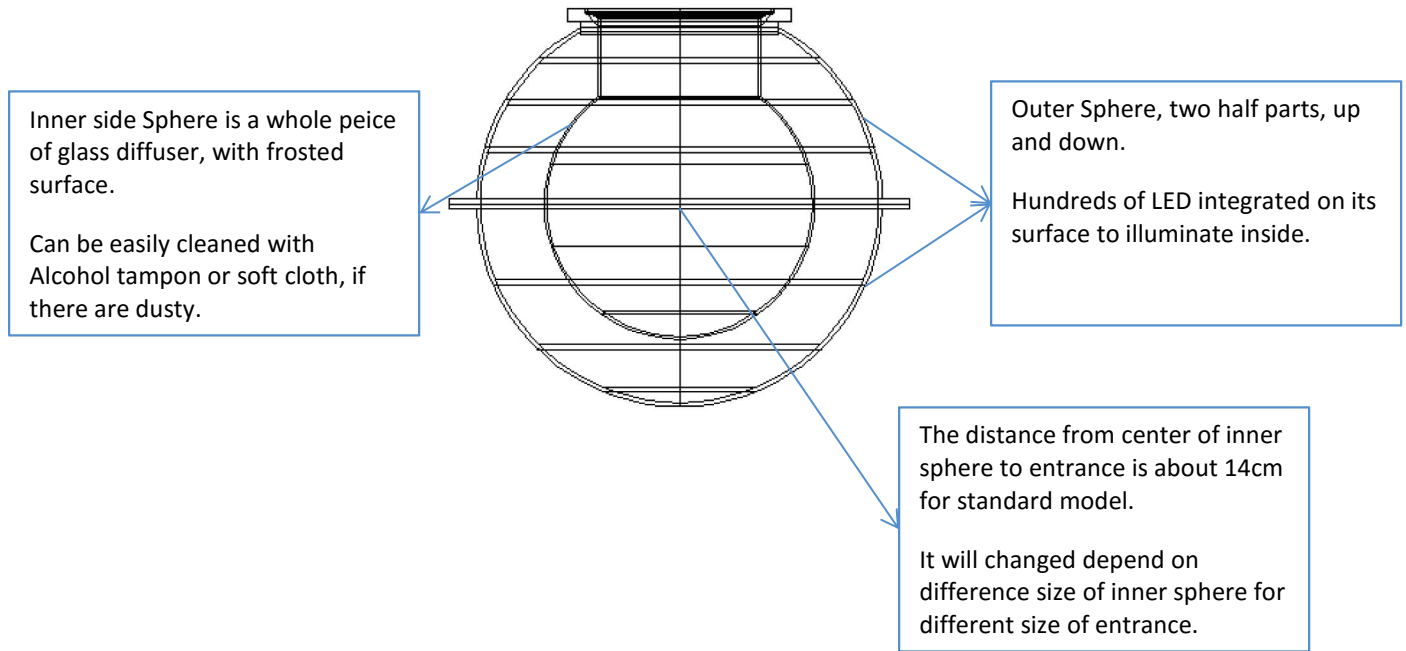
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Structure Principle of LB2



For more information:

Please contact: sales@colorspace.com.cn

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