

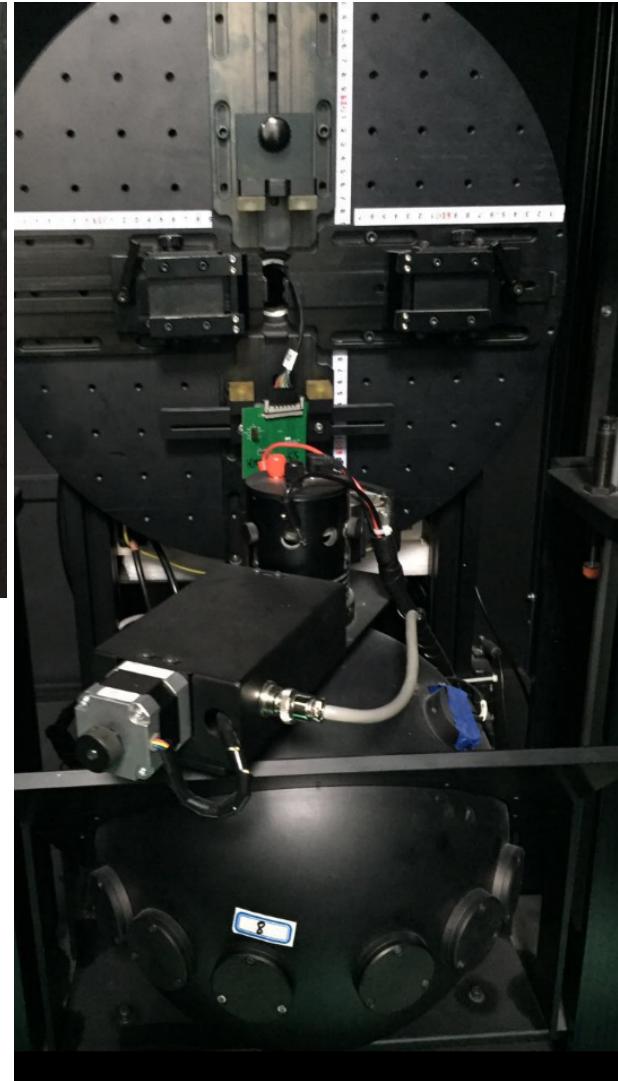
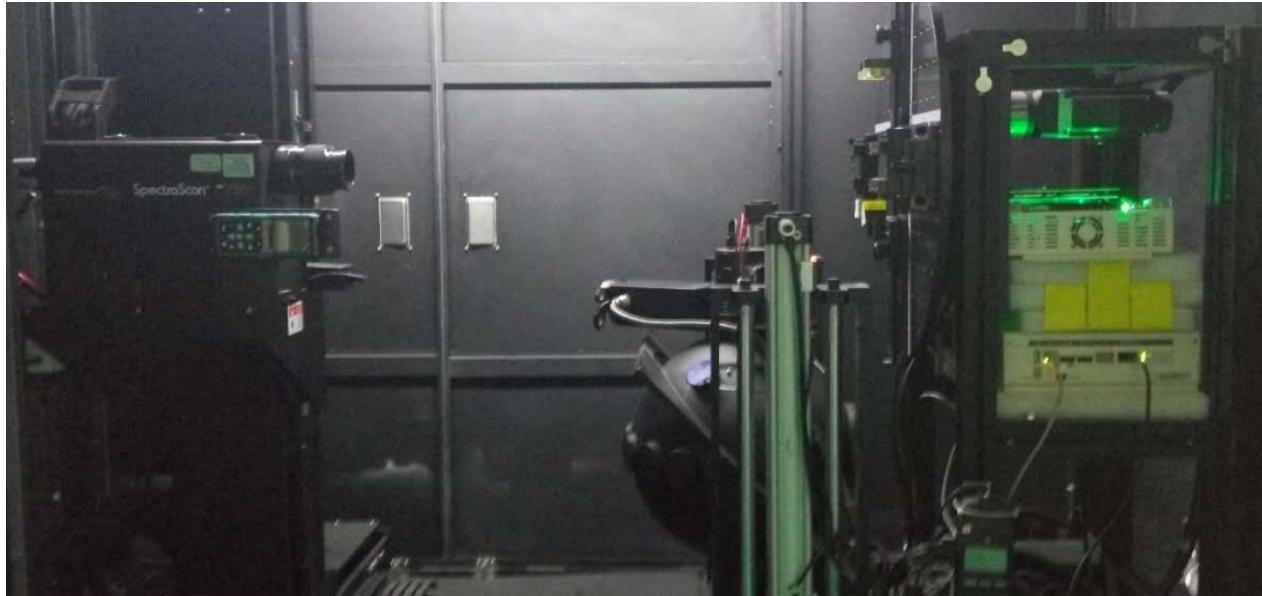


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# Measuring System

## ACR Measure System

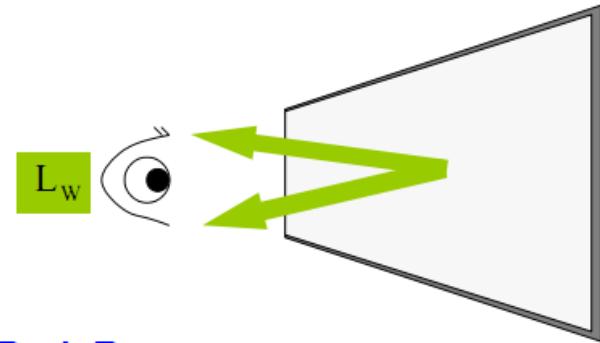


- 各角度自动测试设计
- 照度自定义测试模式设计
- ACR Graph绘制

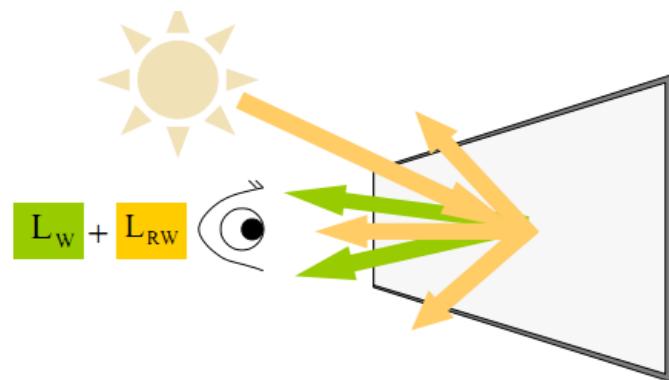
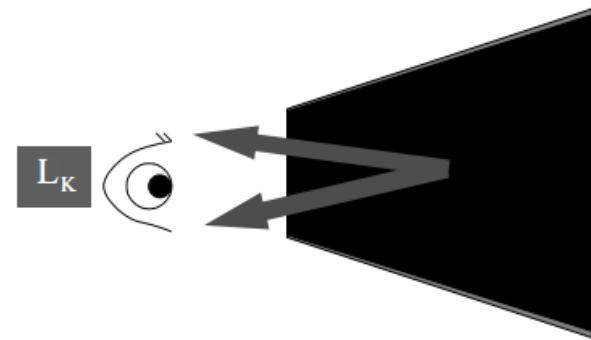
Measuring Items	
明室对比	明室对比度测试
反射率	漫反射率测试 镜面反射率测试

# Measuring System

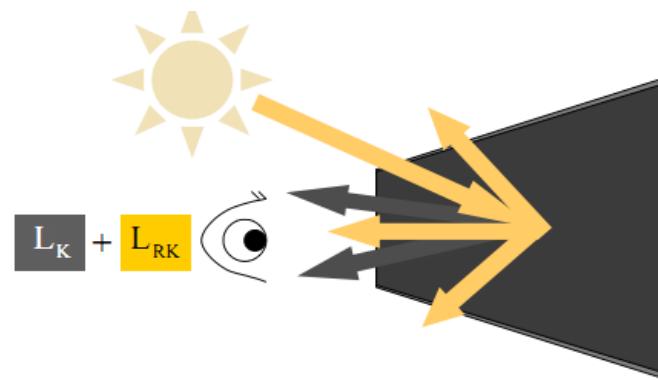
## ACR Measure System



Dark Room



Under lighting environment

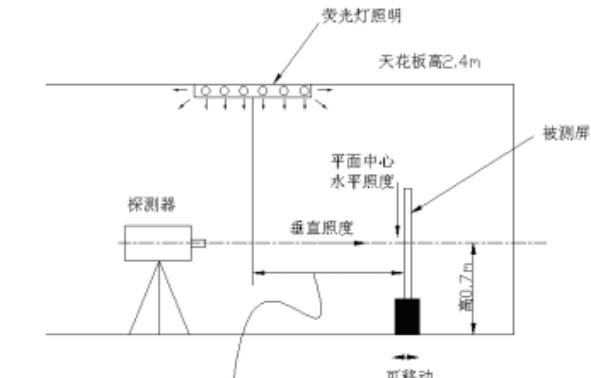


一般的对比度测试是在暗室的环境下做测试  
但是大部分的产品使用上是在明亮的环境中使用,故而有明室对比的测试需求

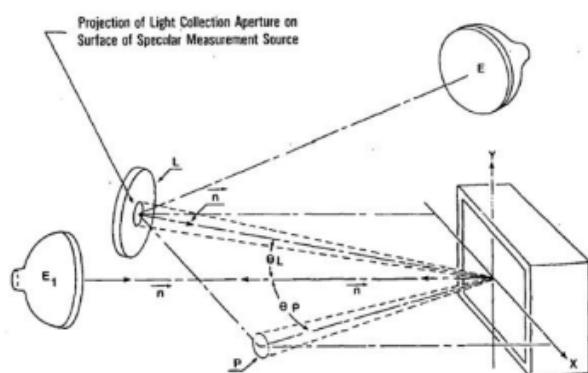
# Measuring System

## ACR Measure System

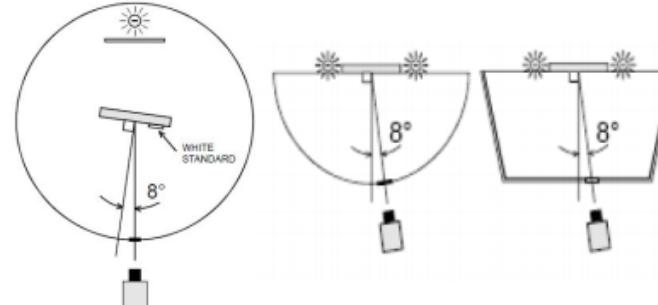
JEITA



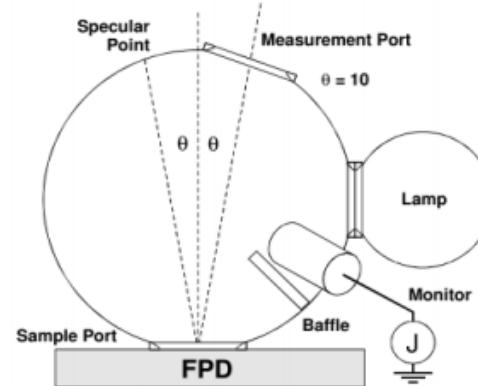
MIL



VESA



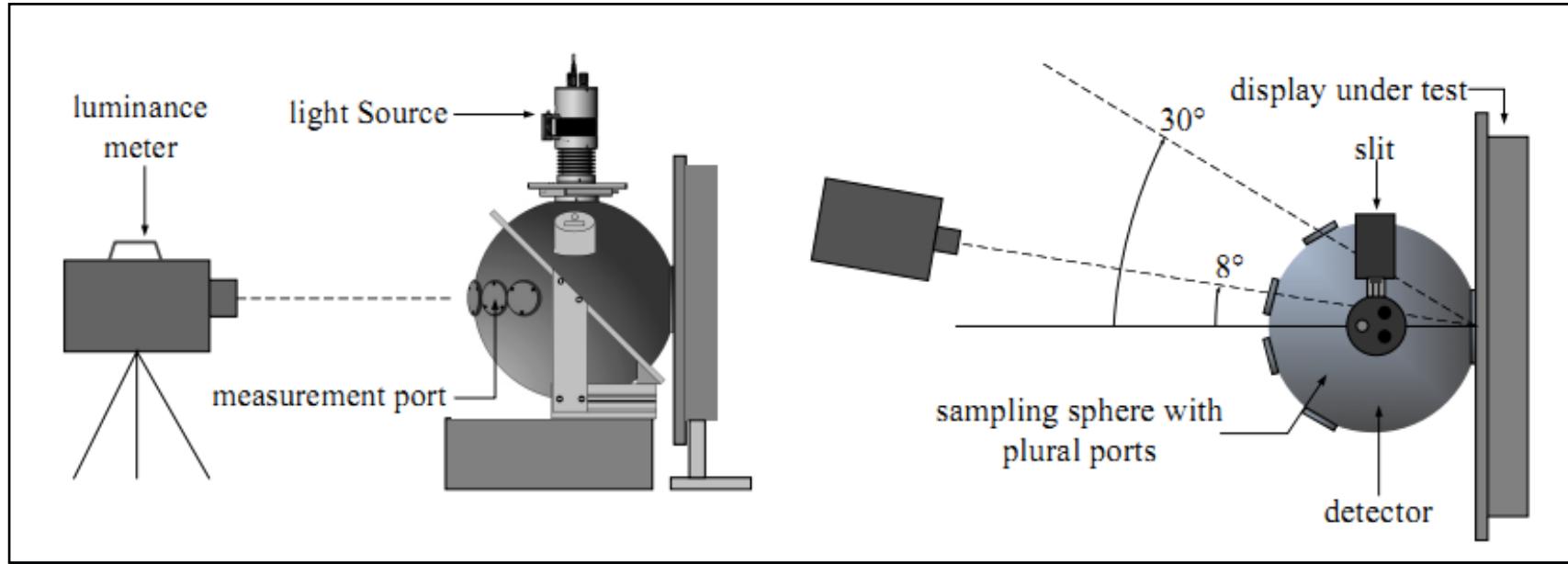
NIST



目前明室对比的测试方式有以上几种规范,我司采用的是NIST规范  
测试Follow D/8规范(扩散光/8度测试)

# Measuring System

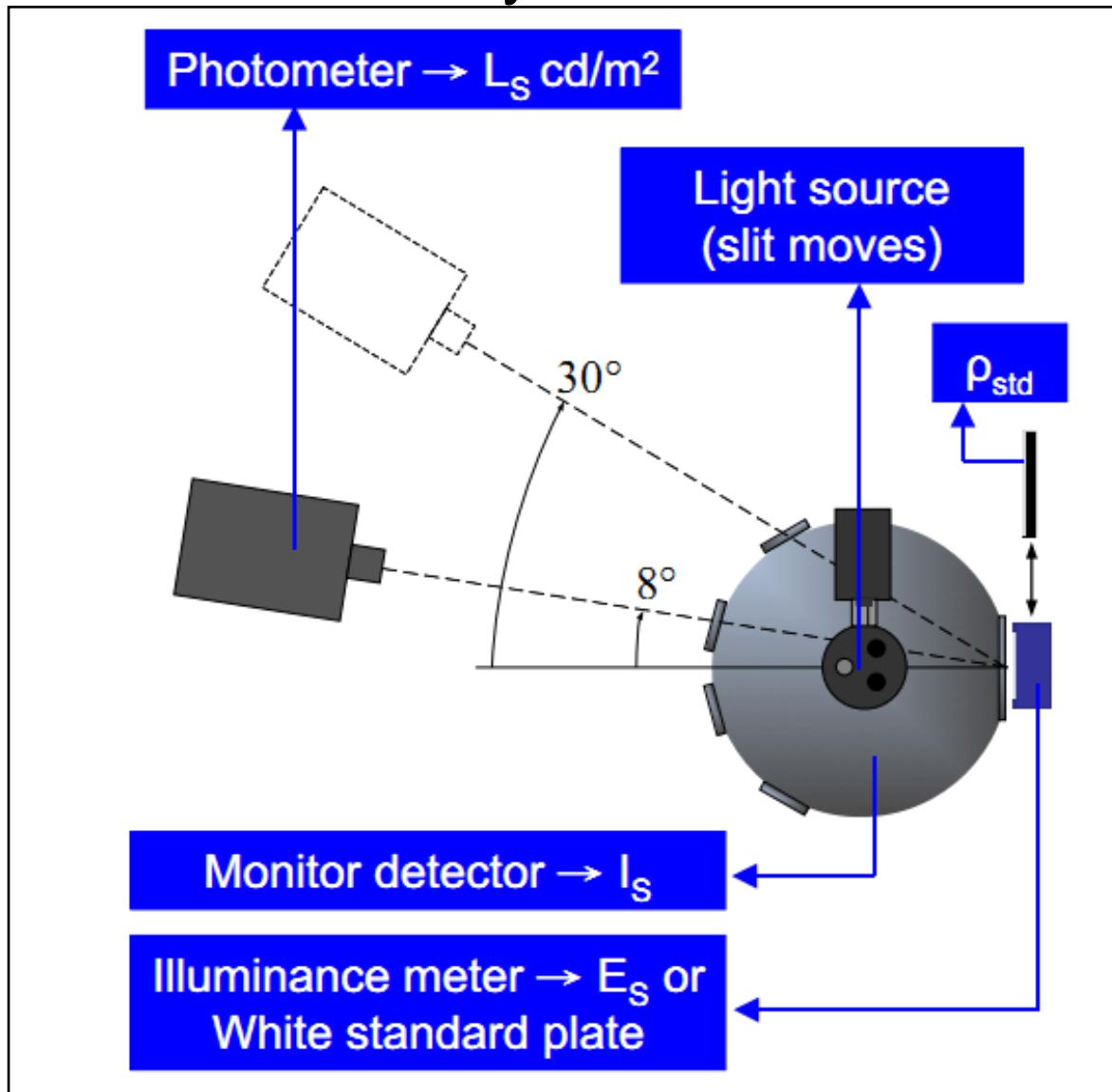
## ACR Measure System



可以测试 $\pm 8^\circ$ ,  $\pm 20^\circ$ ,  $\pm 30^\circ$ 的明室对比

# Measuring System

## ACR Measure System



提供2片标准反射板  
包含镜面反射\*1  
漫反射\*1

可测试产品反射率

# Measuring System

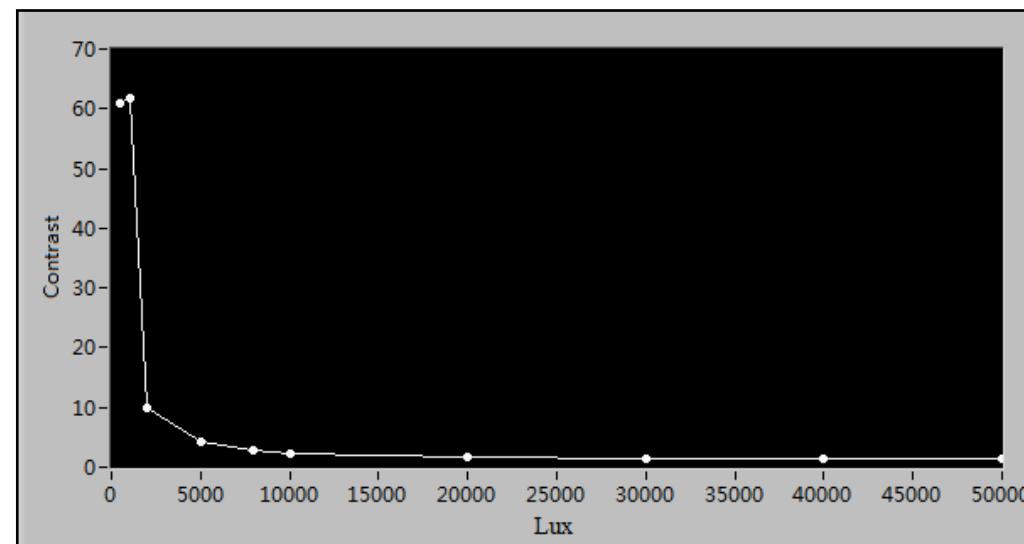
## ACR Measure System

积分球 ↳	
1 直径 ↳	12" ↳
2 内壁涂布 ↳	硫酸钡 ↳
3 取样开口 ↳	x 1, 圆形, 直径 3", 附遮盖 ↳
4 量测开口(客户指定) ↳	x 6, 圆形, 直径 1", 水平方向位置: +/-8 度, +/-20 度 及 +/-30 度 ↳ 附遮盖 x 6 ↳
5 光源输入开口 ↳	x 1, 圆形, 直径 1", 可加上固定直径 8mm 光纤之机构. 光源出口 配置扩散板. 位置不影响量测仪器之架设 ↳
6 光侦测器开口 ↳	位置不影响量测仪器之架设 ↳
7 底板 ↳	可固定于平面之机构 ↳
光源 ↳	
1 卤素灯泡 ↳	> 150W ↳
2 照度范围 ↳	0~>100,000 lux ↳
3 取样开口亮度不均匀度 ↳	< +/- 3% @ 5cm diameter ↳
4 亮度调整机构 ↳	可程控遮光板 ↳
5 附 IR Cut Filter ↳	Yes ↳
6 散热装置 ↳	主动式温控 -- 风扇 ↳
光侦测器 ↳	
1 分辨率 ↳	0.01 lux ↳
2 照度范围 ↳	0~200,000 lux ↳
3 具余弦修正功能 ↳	Yes ↳
电源供应器 ↳	
1 Max. Voltage ↳	60V ↳
2 Max. Current ↳	10A ↳
3 Resolution ↳	1mV/0.1mA ↳
4 界面 ↳	RS232/GPIB ↳

# Measuring System

# ACR Measure System

The screenshot shows a configuration dialog box titled "ACR\_set.vi". It contains two checked checkboxes: "White" and "Black". Below them is a numeric control labeled "ACR\_Angle" with a value of "8" and a dropdown arrow. To the right is another numeric control with a value of "0". On the left, there is a "Lux List" window containing values: 500, 1000, 2000, 5000, 8000, and 10000. The "Value" field at the bottom is set to "50000". At the bottom are "OK" and "Cancel" buttons.



# 感谢您的关注



顶级光电子产品专业代理商