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| 型号料号 | USLR-A20F-XAN2-PA5XA-N2NN-NNAR-NS00-0000-P | USLR-A20F-XDN2-PA5XD-N2NN-NNAR-NS00-0000-P | USLR-A20F-XMN2-PA5XM-N2NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) – 所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ 开口: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH)典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) Est. 超出50hrs输出衰减值 (% & CCT Shift) | 3,80012,0001004.70E+201.20E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 3,80012,0001004.70E+201.09E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 3,80012,0001004.70E+202.40E-013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@开口: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) – 典型值 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (休息 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 16,50051,0002106.30E+205.10E-036000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 16,50051,0002106.30E+204.64E+006000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 16,50051,0002106.30E+201.02E-006000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出: cd/m2开口照度值: lux 辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 20,00063,0002809.00E+205100K +400K/-200K | 20,00063,0002809.00E+205100K +400K/-200K | 20,00063,0002809.00E+205100K +400K/-200K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 2.00E+064.41E+07/25/152 | 1.20E+044.85E+04/15/93 | 1.00E+042.20E+05/17/106 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect®20 (0.5)20 in Cage8 (0.2) | Spectraflect20 (0.5)20 in Cage8 (0.2) | Spectraflect20 (0.5)20 in Cage8 (0.2) |  |
| 系统组件内部卤素灯(# , Wattage) 外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150300W None(1) LPS-350Integrated Xenon(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150300W None(1) LPS-350Integrated Xenon(2) VAD-012SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150300W None(1) LPS-350Integrated Xenon(2) VA-MM SD-S1Photopic HELIOSense CDS-610 |  |
| 标准系统校准(可溯源至NIST) 亮度相关色温(所有灯匹配& w/VA 位置) 仅卤素灯 光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs |  |

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| 型号料号 | USLR-A20F-PAN2-PA5PA-N2NN-NNAR-NS00-0000-P | USLR-A20F-PDN2-PA5PD-N2NN-NNAR-NS00-0000-P | USLR-A20F-PMN2-PA5PM-N2NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 3,80012,0001004.70E+201.08E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 3,80012,0001004.70E+201.09E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 3,80012,0001004.70E+202.40E-013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 15,30048,0002306.50E+204.80E-035100K +/-200K6%/1.5%/0.1Hz0.6%/0.06%/DC None>5000/450-10% & -200K-0.2% & +-5K | 15,30048,0002306.50E+204.36E+005100K +/-200K6%/1.5%/0.1Hz0.6%/0.06%/DC None>5000/450-10% & -200K-0.2% & +-5K | 15,30048,0002306.50E+209.60E-015100K +/-200K6%/1.5%/0.1Hz0.6%/0.06%/DC None>5000/450-10% & -200K-0.2% & +-5K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 19,00060,0002808.50E+204500K +/-300K | 19,00060,0002808.50E+204500K +/-300K | 19,00060,0002808.50E+204500K +/-300K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 2.00E+064.64E+07/25/152 | 1.20E+045.10E+04/15/94 | 1.00E+042.32E+05/17/106 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect20 (0.5)20 in Cage8 (0.2) | Spectraflect20 (0.5)20 in Cage8 (0.2) | Spectraflect20 (0.5)12 in Cage8 (0.2) |  |
| 系统组件内部卤素灯(# , Wattage) 外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAD-012SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VA-MM SD-S1Photopic HELIOSense CDS-610 |  |
| 标准系统校准(可溯源至NIST)亮度相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs |  |

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| 型号料号 | USLR-A12F-XAN2-PA3XA-N2NN-NNAR-NS00-0000-P | USLR-A12L-XAN2-PA4XA-N2NN-NNAR-NS00-0000-P | USLR-A12L-UAN1-PA4UA-N1NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 11,50036,0003501.50E+213.60E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+213.60E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+213.60E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子灯休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 30,50096,0004201.20E+209.60E-036000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 42,000132,0005501.60E+211.32E-026000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 13,50042,0001705.10E+204.20E-036600K +/-300K4%/1%/5kHzN/A None400-50% & -600K-2.5% / -30K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 37,500117,8006001.14E+215100K +400K/-200K | 47,300148,2007701.52E+215100K +400K/-200K | 32,500102,0006201.03E+215400K +400K/-200K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 2.00E+062.68E+07/24/148 | 2.00E+063.37E+07/25/150 | 2.00E+062.32E+07/24/146 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect12 (0.3)12 in Cage4 (0.1) | Spectralon®11.5 (0.29)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) |  |
| 系统组件内部卤素灯(# , Wattage)外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150175W None(1) LPS-350Integrated Xenon(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150175W None(1) LPS-350Integrated Xenon(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150UV 175W None(1) LPS-350Integrated Xenon(2) VAA-220A SD-S1Photopic HELIOSense CDS-600 |  |
| 标准系统校准(可溯源至NIST) 亮度相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs |  |

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| 型号料号 | USLR-A12F-XDN2-PA3XD-N2NN-NNAR-NS00-0000-P | USLR-A12L-XDN2-PA4XD-N2NN-NNAR-NS00-0000-P | USLR-A12L-UDN1-PA4UD-N1NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 11,50036,0003501.50E+213.27E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+213.27E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+213.27E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子灯休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 30,50048,0004201.20E+214.36E+006000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 42,000132,0005501.60E+211.20E+016000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 16,50051,8004307.16E+204.71E+006600K +/-300K4%/1%/5kHzN/A None400-50% & -600K-2.5% / -30K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 42,00084,0006001.43E+215100K +400K/-200K | 58,000182,0008202.50E+215100K +400K/-200K | 32,000100,8006201.03E+215400K +400K/-200K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 1.20E+042.95E+04/14/89 | 1.20E+043.71E+04/15/91 | 1.20E+042.55E+04/14/88 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect12 (0.3)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) |  |
| 系统组件内部卤素灯(# , Wattage) 外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150175W None(1) LPS-350Integrated Xenon(2) VAD-012SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150UV 175W None(1) LPS-350Integrated Xenon(2) VAD-012SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150UV 175W None(1) LPS-350Integrated Xenon(2) VAD-012SD-S1Photopic HELIOSense CDS-600 |  |
| 标准系统校准(可溯源至NIST) Luminance相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs |  |

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| 型号料号 | USLR-A12F-XMN2-PA3XM-N2NN-NNAR-NS00-0000-P | USLR-A12L-XMN2-PA4XM-N2NN-NNAR-NS00-0000-P | USLR-A12L-UMN1-PA4UM-N1NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA - All Lamps On | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 11,50036,0003501.50E+217.20E-013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+219.80E+013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+219.80E+013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子灯休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 30,50042,0004201.20E+218.40E+016000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 42,000132,0005501.60E+212.64E+006000K +400K/-200K4%/1%/5kHzN/A Yes400-50% & -600K-2.5% / -30K | 16,50051,8004307.16E+201.04E+006600K +/-300K4%/1%/5kHzN/A None400-50% & -600K-2.5% / -30K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 42,00078,0006001.43E+215100K +400K/-200K | 58,000182,0008202.50E+215100K +400K/-200K | 32,000100,8006201.03E+215400K +400K/-200K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 1.00E+041.34E+05/17/102 | 1.00E+041.48E+05/17/102 | 1.00E+041.02E+05/16/99 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect12 (0.3)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) |  |
| 系统组件内部卤素灯(# , Wattage) 外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150175W None(1) LPS-350Integrated Xenon(2) VA-MM SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150175W None(1) LPS-350Integrated Xenon(2) VA-MM SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150UV 175W None(1) LPS-350Integrated Xenon(2) VA-MM SD-S1Photopic HELIOSense CDS-600 |  |
| 标准系统校准(可溯源至NIST) Luminance相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes25 hrs / 50 hrs |  |

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| 型号料号 | USLR-A12F-PAN2-PA3PA-N2NN-NNAR-NS00-0000-P | USLR-A12L-PAN2-PA4PA-N2NN-NNAR-NS00-0000-P | USLR-A12F-PDN2-PA3PD-N2NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 11,50036,0003501.50E+213.60E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 15,50049,0004602.20E+214.90E-033000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 11,50036,0003501.50E+213.27E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 44,000138,0006301.90E+211.38E-025100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC None>5000/450-10% & -200K-0.2% & +-5K | 58,000182,0009202.50E+211.82E-025100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC0.6%/0.06%/DC>5000/450-10% & -200K-0.2% & +-5K | 44,000138,0006301.90E+211.25E+015100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC0.6%/0.06%/DC>5000/450-10% & -200K-0.2% & +-5K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开)亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 55,500174,0009002.90E+214500K +/-300K | 73,500231,00010503.40E+214500K +/-300K | 55,500174,0009002.90E+214500K +/-300K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 2.00E+064.64E+07/25/152 | 2.00E+064.78E+07/25/153 | 5.00E+045.00E+04/18/93 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectraflect12 (0.3)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) | Spectraflect12 (0.3)12 in Cage4 (0.1) |  |
| 系统组件内部卤素灯(# , Wattage)外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAA-220A SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAD-012SD-S1Photopic HELIOSense CDS-610 |  |
| 标准系统校准(可溯源至NIST)亮度相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs |  |

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| 型号料号 | USLR-A12L-PDN2-PA4PD-N2NN-NNAR-NS00-0000-P | USLR-A12F-PMN2-PA3PM-N2NN-NNAR-NS00-0000-P | USLR-A12L-PMN2-PA4PM-N2NN-NNAR-NS00-0000-P |  |
| 光学性能参数均匀性 (每盏灯或组合)开口面均匀性(f/4) -所有灯打开角度均匀性(全角度) - Degrees / F# / NA -所有灯打开 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 | +/-1.0%+/-2.0% - 35° / 0.85 / 0.6 |  |
| 只开卤素灯（QTH）亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.95 um辐照度峰值@ Port: Photons/s-m2-um @ 0.95um最低照度调整: lux近似相关色温(QTH) 典型的灯寿命(hrs)预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 15,00049,0004602.20E+214.45E+003000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 11,50036,0003501.50E+217.20E-013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K | 11,50036,0003501.50E+217.20E+013000K +/-50K>500hrs-10% & +/-200K-1.0% & +/-20K |  |
| 只开等离子或氙灯光源亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl or 0.47 Xe最低照度调整: lux近似相关色温等离子休息模式/氙灯闪光灯(Peak-Peak/RMS/Hz) - Typical 等离子灯测试模式(Peak-Peak/RMS/Hz) - 30 minutes (Rest 5min) 安装冷镜(330-750nm)典型的灯寿命(hrs) 等离子灯/氙灯预估灯寿命衰减值(% & CCT Shift) 超出50hrs输出衰减值(% & CCT Shift) | 58,000182,0009202.50E+211.65E+015100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC0.6%/0.06%/DC>5000/450-10% & -200K-0.2% & +-5K | 44,000138,0006301.90E+212.76E+005100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC0.6%/0.06%/DC>5000/450-10% & -200K-0.2% & +-5K | 58,000182,0009202.50E+213.64E+005100K +/-100K6%/1.5%/0.1Hz0.6%/0.04%/DC0.6%/0.06%/DC>5000/450-10% & -200K-0.2% & +-5K |  |
| 等离子灯/氙灯 & 卤素灯（QTH）(VA全开) 亮度输出值: cd/m2开口照度值: lux辐亮度峰值: W/m2-sr-um @ 0.60um Pl @ 0.47 Xe辐照度峰值@ Port: Photons/s-m2-um @ 0.60um Pl @ 0.47 Xe近似相关色温(Xenon & QTH) | 73,500231,00010503.40E+214500K +/-300K | 55,500174,0009002.90E+214500K +/-300K | 69,500218,00010503.40E+214500K +/-300K |  |
| 衰减器衰减器调节步数动态范围/Bits/dB – 整个系统范围(两个灯) | 1.20E+045.26E+04/17/94 | 1.00E+042.32E+05/17/106 | 1.00E+042.39E+05/17/107 |  |
| 积分球漫反射涂层 / 材料积分球内部尺寸: Inches (Meters) 框架类型输出开口尺寸: Inches (Meters) | Spectralon11.5 (0.29)12 in Cage4 (0.1) | Spectraflect12 (0.3)12 in Cage4 (0.1) | Spectralon11.5 (0.29)12 in Cage4 (0.1) |  |
| 系统组件内部卤素灯(# , Wattage)外部卤素灯(#, Wattage) 氙灯& 灯罩等离子灯& 灯罩电源(# -型号)专用电源可变衰减器监控探测器(s)探测器滤光片(在滤光片架中) 系统软件光谱仪(类型, 光谱范围) | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VAD-012SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VA-MM SD-S1Photopic HELIOSense CDS-610 | (0)(1) 150None250W(1) LPS-350 (1) LPS-525No(2) VA-MM SD-S1Photopic HELIOSense CDS-610 |  |
| 标准系统校准(可溯源至NIST) 亮度相关色温(所有灯匹配& w/VA 位置) 仅卤素灯光谱辐亮度(350-2400nm)仅氙灯光谱辐亮度(350-2400nm)卤素灯 & 氙灯光谱辐亮度(350-2400nm) & CDS 出口面均匀性出口角均匀性校准(氙灯/卤素灯)时间 | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs | Yes Yes Yes Yes Yes Yes Yes100 hrs / 50 hrs |  |