

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456289

Luminaire Tested: GLAN-SB8C-935-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456289  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8C-935-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square  
PACKAGE 90CRI 3500K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (208) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

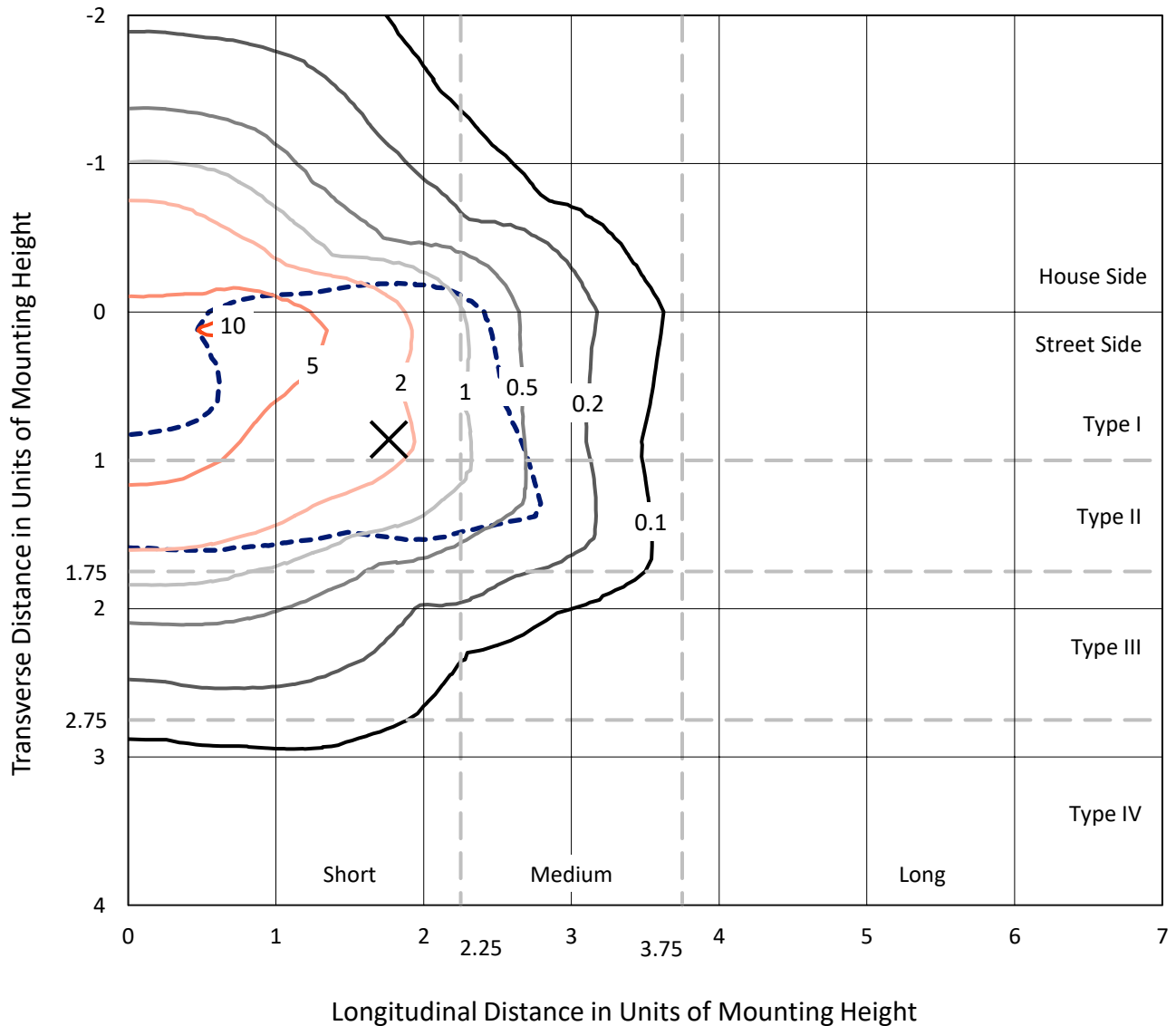
Lumens per Lamp: N/A  
Luminaire Lumens: 40783.8 lumens  
Efficiency: N/A  
Efficacy: 102.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G4  
  
Input Watts (W): 399.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

REPORT NUMBER: P1456289

CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

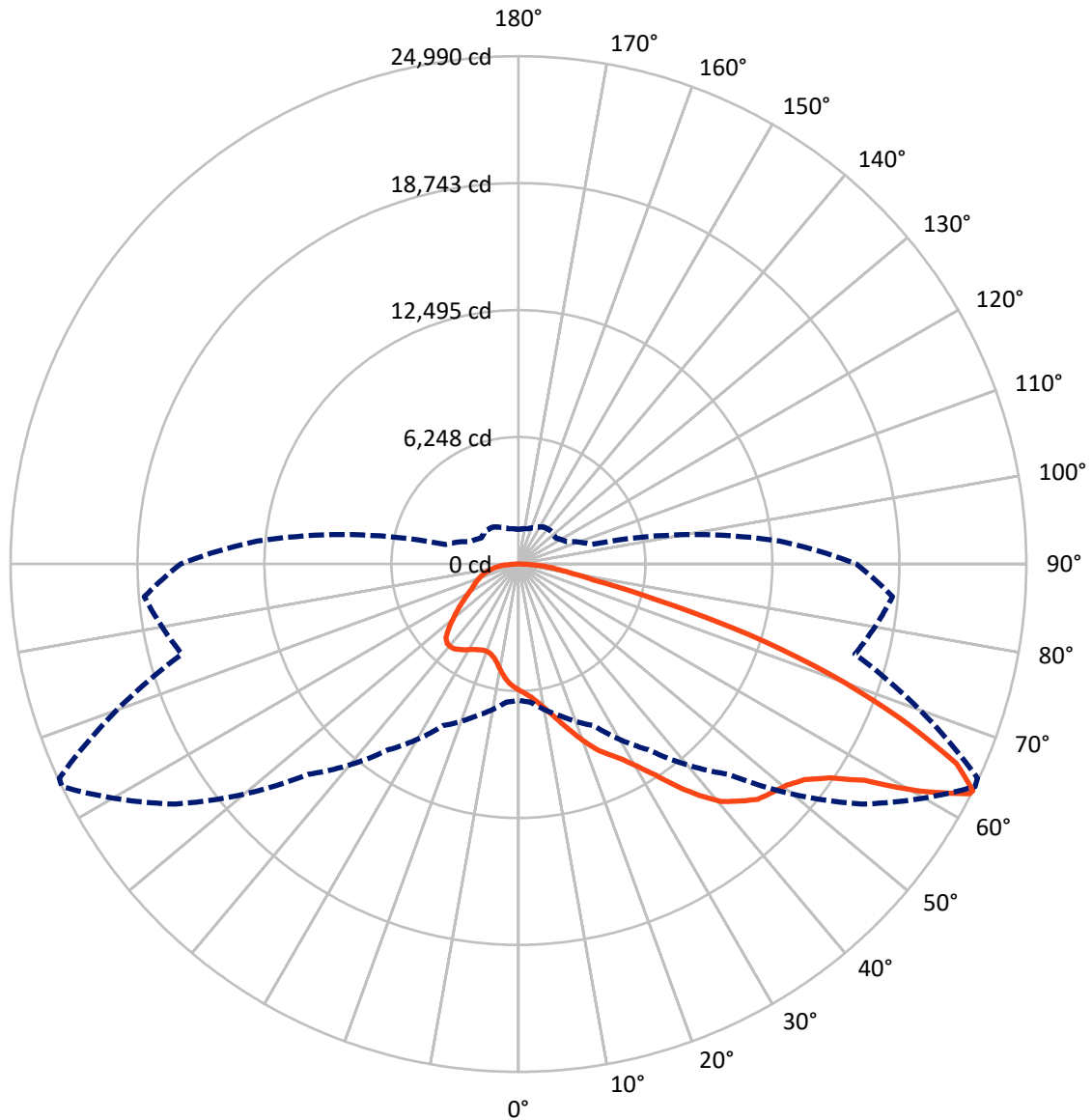


Based on 30 foot mounting height. Maximum calculated value = 10.6 fc  
 Type II - Short - N/A

REPORT NUMBER: P1456289

CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P1456289

CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10957.5	0.0	10957.5
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	29826.3	0.0	29826.3
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	40783.8	0.0	40783.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	570.3	1.4
10°-20°	1755.5	4.3
20°-30°	3210.2	7.9
30°-40°	5522.2	13.5
40°-50°	8143.7	20.0
50°-60°	9760.7	23.9
60°-70°	7833.9	19.2
70°-80°	3147.9	7.7
80°-90°	839.4	2.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	40783.8	100.0
0°-180°	40783.8	100.0



REPORT NUMBER: P1456289

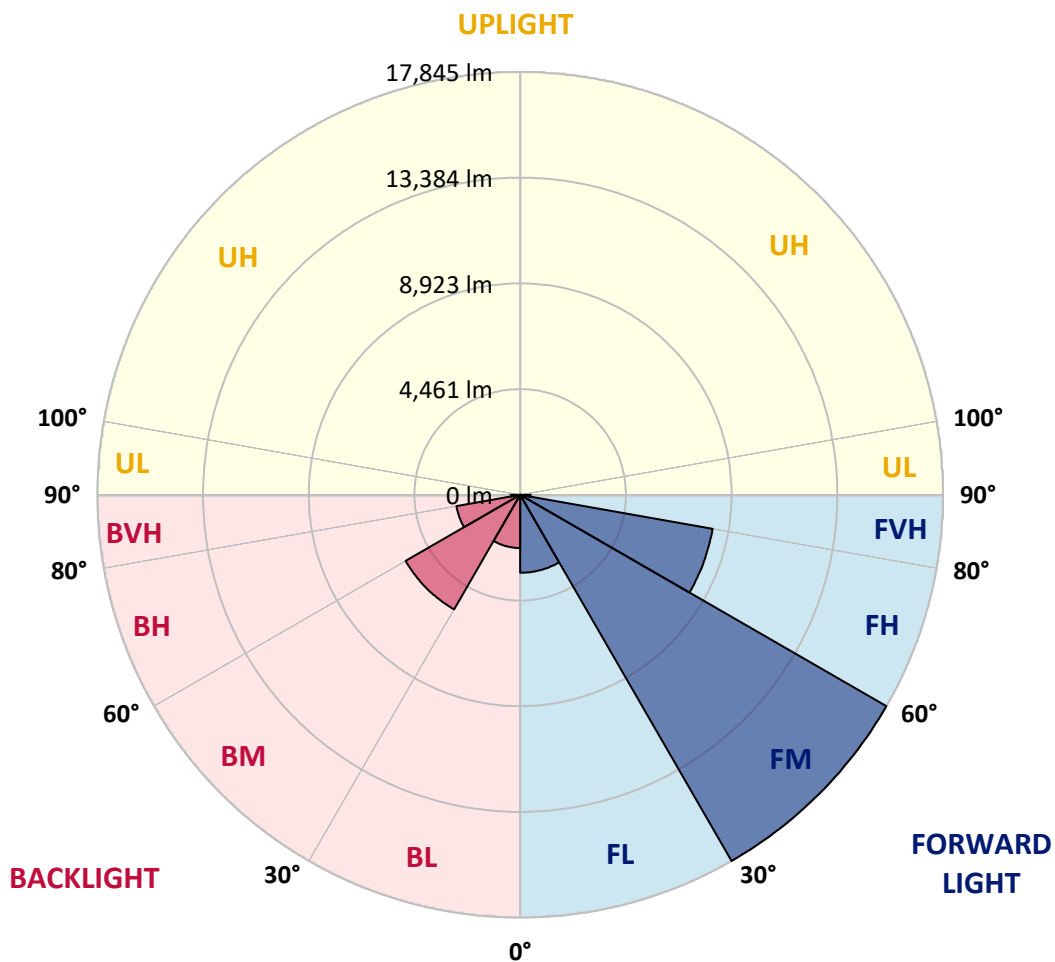
CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3290.5	8.1			
FM (30°-60°)	17845.1	43.8			
FH (60°-80°)	8249.8	20.2			G4/12000
FVH (80°-90°)	441.0	1.1			G3/500
BL (0°-30°)	2245.6	5.5	B3/2500		
BM (30°-60°)	5581.5	13.7	B4/8500		
BH (60°-80°)	2732.0	6.7	B4/5000		G4/5000
BVH (80°-90°)	398.4	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**

Type II Short





REPORT NUMBER: P1456289

CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9
2.5°	6467.4	6476.6	6449.1	6439.9	6458.2	6421.6	6412.4	6375.8	6357.5	6320.8	6275.0
5°	6650.6	6659.8	6641.5	6641.5	6659.8	6632.3	6623.1	6586.5	6568.2	6531.5	6439.9
7.5°	6641.5	6650.6	6668.9	6742.2	6833.8	6870.5	6898.0	6870.5	6861.3	6806.4	6714.7
10°	6494.9	6504.0	6549.9	6659.8	6888.8	7053.7	7227.7	7227.7	7246.1	7200.3	7035.4
12.5°	6293.4	6302.5	6412.4	6586.5	6888.8	7172.8	7530.0	7676.6	7667.5	7640.0	7447.6
15°	5807.8	5807.8	5972.7	6302.5	6788.0	7255.2	7786.5	8180.4	8189.6	8217.1	7988.1
17.5°	5395.6	5404.8	5542.2	5835.3	6467.4	7209.4	8061.4	8739.2	8766.7	8922.5	8592.7
20°	5432.3	5432.3	5478.1	5606.3	6119.3	7026.2	8217.1	9334.7	9426.3	9792.7	9380.5
22.5°	5716.2	5716.2	5752.9	5743.7	6055.2	6907.1	8317.9	9930.1	10095.0	10855.4	10324.0
25°	6238.4	6229.2	6192.6	6137.6	6320.8	7035.4	8546.9	10388.2	10708.8	12027.9	11414.1
27.5°	6879.6	6861.3	6806.4	6714.7	6843.0	7420.1	8940.8	10873.7	11221.8	13310.4	12568.4
30°	7676.6	7621.6	7566.7	7447.6	7585.0	8052.2	9527.1	11560.7	11890.5	14766.9	13960.8
32.5°	8620.2	8684.3	8501.1	8336.2	8482.7	8913.3	10397.3	12376.0	12733.3	16287.6	15408.2
35°	10030.9	10223.3	10168.3	9334.7	9472.1	9948.4	11414.1	13429.5	13750.1	17670.9	16892.2
37.5°	11423.3	11377.5	11423.3	10727.1	10507.2	11084.4	12504.3	14437.2	14748.6	18797.6	18202.2
40°	12540.9	12678.3	12678.3	12110.4	11826.4	12211.1	13493.6	15362.4	15664.7	19420.5	19145.7
42.5°	13759.3	13777.6	13741.0	13246.3	13136.3	13237.1	14363.9	15948.7	16196.0	19741.2	19787.0
45°	15133.4	15124.2	14968.5	14556.2	14391.4	14299.7	14904.4	16516.6	16764.0	19887.7	20135.1
47.5°	16269.3	16315.1	16324.2	15884.5	15609.7	15215.8	15371.5	16800.6	17084.6	19722.8	20208.4
50°	16333.4	16406.7	16754.8	16883.0	16828.1	16196.0	15802.1	17102.9	17386.9	19759.5	20474.0
52.5°	15930.3	16003.6	16452.5	16983.8	17625.1	17322.8	16480.0	17625.1	17918.2	20116.8	21078.6
55°	14849.4	14968.5	15637.2	16379.2	17524.3	17954.8	17680.0	18568.6	18843.4	20400.7	21784.0
57.5°	12925.7	13072.2	13997.4	15179.2	16745.6	17808.3	19420.5	20080.1	20309.1	20602.3	21793.1
60°	9664.5	9783.6	11230.9	12824.9	15179.2	16892.2	20455.7	22672.6	22800.8	19512.1	20556.5
62.5°	7117.8	7236.9	8207.9	9353.0	11927.1	15206.7	20657.2	24916.9	24935.2	17542.6	18852.6
63°	6705.6	6824.7	7704.1	8775.9	11157.7	14638.7	20593.1	24990.2	24926.1	17139.5	18477.0
65°	5221.6	5432.3	6348.3	7163.6	8363.7	11652.3	19768.6	23689.4	23781.0	15948.7	16589.9
67.5°	3554.3	3710.1	4873.5	5817.0	6320.8	7420.1	16214.3	20272.5	20419.1	14712.0	13237.1
70°	2748.2	2821.5	3499.4	4607.8	5111.6	4717.7	10571.4	16324.2	16324.2	11487.4	9380.5
72.5°	2152.7	2180.2	2638.3	3600.1	4113.1	3627.6	5890.3	11872.2	11432.5	6815.5	6256.7
75°	1539.0	1575.6	1987.9	2684.1	3279.5	2858.1	3765.0	6916.3	6650.6	3920.8	4177.2
77.5°	1218.4	1236.7	1484.0	1978.7	2656.6	2180.2	2867.3	3774.2	3737.5	2757.4	2684.1
80°	961.9	998.5	1163.4	1419.9	2052.0	1703.9	2134.4	2491.7	2418.4	1896.3	1722.2
82.5°	687.0	751.2	897.7	1081.0	1520.7	1218.4	1401.6	1758.8	1758.8	1429.1	1135.9
85°	421.4	476.4	531.3	668.7	1081.0	787.8	742.0	1135.9	1163.4	1071.8	732.9
87.5°	201.5	219.9	256.5	284.0	393.9	357.3	293.1	430.5	439.7	476.4	302.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1456289

CATALOG NUMBER: GLAN-SB8C-935-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9	6210.9
2.5°	6265.9	6247.6	6155.9	6064.3	5963.6	5872.0	5780.4	5707.1	5624.6	5643.0	5652.1
5°	6385.0	6339.2	6137.6	5899.4	5588.0	5294.8	5010.9	4809.3	4681.1	4644.4	4571.2
7.5°	6641.5	6531.5	6165.1	5661.3	5084.2	4626.1	4360.5	4241.4	4204.7	4213.9	4195.6
10°	6934.6	6769.7	6201.7	5377.3	4644.4	4333.0	4296.3	4369.6	4406.3	4442.9	4452.1
12.5°	7319.3	7053.7	6183.4	5065.8	4433.7	4378.8	4516.2	4653.6	4736.0	4791.0	4781.9
15°	7768.2	7411.0	6128.5	4809.3	4406.3	4552.8	4726.9	4882.6	4983.4	5038.3	5010.9
17.5°	8308.7	7832.3	6064.3	4644.4	4488.7	4662.8	4846.0	5001.7	5111.6	5148.3	5120.8
20°	8977.4	8308.7	5954.4	4571.2	4552.8	4708.6	4873.5	5020.0	5111.6	5148.3	5111.6
22.5°	9765.2	8876.7	5862.8	4571.2	4580.3	4708.6	4827.7	4937.6	5020.0	5047.5	5001.7
25°	10772.9	9536.2	5826.2	4644.4	4589.5	4662.8	4726.9	4791.0	4836.8	4855.1	4836.8
27.5°	11798.9	10296.6	5844.5	4736.0	4580.3	4598.6	4598.6	4607.8	4617.0	4626.1	4617.0
30°	12980.6	11066.0	5917.8	4855.1	4598.6	4507.0	4479.5	4424.6	4378.8	4342.1	4305.5
32.5°	14125.7	11798.9	6046.0	5029.2	4580.3	4406.3	4351.3	4213.9	4085.6	3975.7	3975.7
35°	15362.4	12559.2	6275.0	5157.4	4562.0	4314.7	4158.9	4003.2	3865.8	3710.1	3710.1
37.5°	16425.0	13209.6	6458.2	5304.0	4543.7	4204.7	3957.4	3783.3	3636.8	3481.0	3462.7
40°	17167.0	13585.2	6568.2	5359.0	4479.5	4058.2	3765.0	3545.2	3334.5	3123.8	3114.6
42.5°	17524.3	13566.9	6504.0	5340.6	4360.5	3874.9	3600.1	3307.0	3023.0	2830.6	2812.3
45°	17716.7	13447.8	6256.7	5184.9	4168.1	3682.6	3389.4	3078.0	2794.0	2619.9	2583.3
47.5°	17680.0	13154.7	5917.8	4800.2	3911.6	3471.9	3178.7	2858.1	2629.1	2528.3	2528.3
50°	17780.8	12925.7	5533.0	4360.5	3563.5	3224.5	2986.4	2693.2	2555.8	2427.6	2381.8
52.5°	18229.7	13118.0	5203.2	3948.2	3233.7	2986.4	2821.5	2574.1	2400.1	2317.6	2290.2
55°	18825.1	13530.3	4891.8	3581.8	2913.1	2775.7	2693.2	2464.2	2262.7	2180.2	2134.4
57.5°	18935.0	13814.2	4589.5	3224.5	2647.4	2610.8	2583.3	2271.8	2106.9	2042.8	2006.2
60°	18174.7	13603.5	4195.6	2903.9	2436.7	2455.0	2381.8	2152.7	1960.4	1896.3	1859.6
62.5°	16883.0	13053.9	3801.7	2629.1	2271.8	2308.5	2235.2	2006.2	1813.8	1749.7	1731.4
63°	16626.6	12907.3	3710.1	2601.6	2235.2	2281.0	2216.9	1987.9	1795.5	1731.4	1703.9
65°	15096.7	12027.9	3389.4	2455.0	2116.1	2116.1	2125.3	1896.3	1731.4	1703.9	1685.6
67.5°	12311.9	10040.1	3041.3	2281.0	1987.9	2015.3	2061.1	1932.9	1868.8	1850.4	1832.1
70°	9307.2	7557.5	2739.0	2116.1	1850.4	1942.1	2253.5	2198.6	1960.4	1795.5	1758.8
72.5°	6595.7	5148.3	2473.4	1951.2	1685.6	1914.6	2336.0	2097.8	1768.0	1575.6	1539.0
75°	4415.4	3316.1	2207.7	1777.2	1502.3	1768.0	2207.7	1914.6	1539.0	1493.2	1438.2
77.5°	2775.7	2363.4	1942.1	1575.6	1300.8	1575.6	2006.2	1703.9	1328.3	1346.6	1264.2
80°	1694.7	1685.6	1630.6	1337.5	1044.3	1255.0	1685.6	1438.2	1062.6	1062.6	943.5
82.5°	1007.7	1218.4	1383.3	1108.4	760.3	897.7	1218.4	1081.0	888.6	861.1	806.1
85°	677.9	824.5	1099.3	851.9	485.5	549.6	842.8	906.9	815.3	714.5	668.7
87.5°	247.3	329.8	503.8	348.1	210.7	329.8	632.1	659.6	494.7	384.7	348.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-15  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 10/15/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGraw-Edison  
 Catalog Number: **GSS-SB1A-935-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3455  
 CIE u': 0.2356  
 CIE v': 0.5159  
 Duv: 0.0028  
 CIE x: 0.4109  
 CIE y: 0.3999  
 CIE z: 0.1892  
 Peak Wavelength (nm): 616  
 Dominant Wavelength (nm): 579  
 Purity: 43.35383  
 Rf: 92.3  
 Rg: 98.5

CRI (Ra):	92.2		
R1:	92.0	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



**Test Conditions**

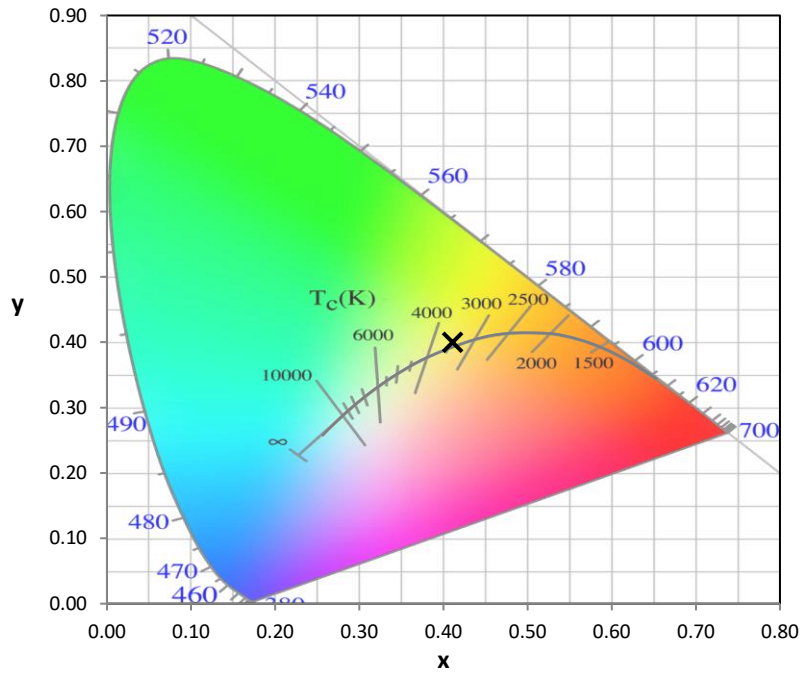
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

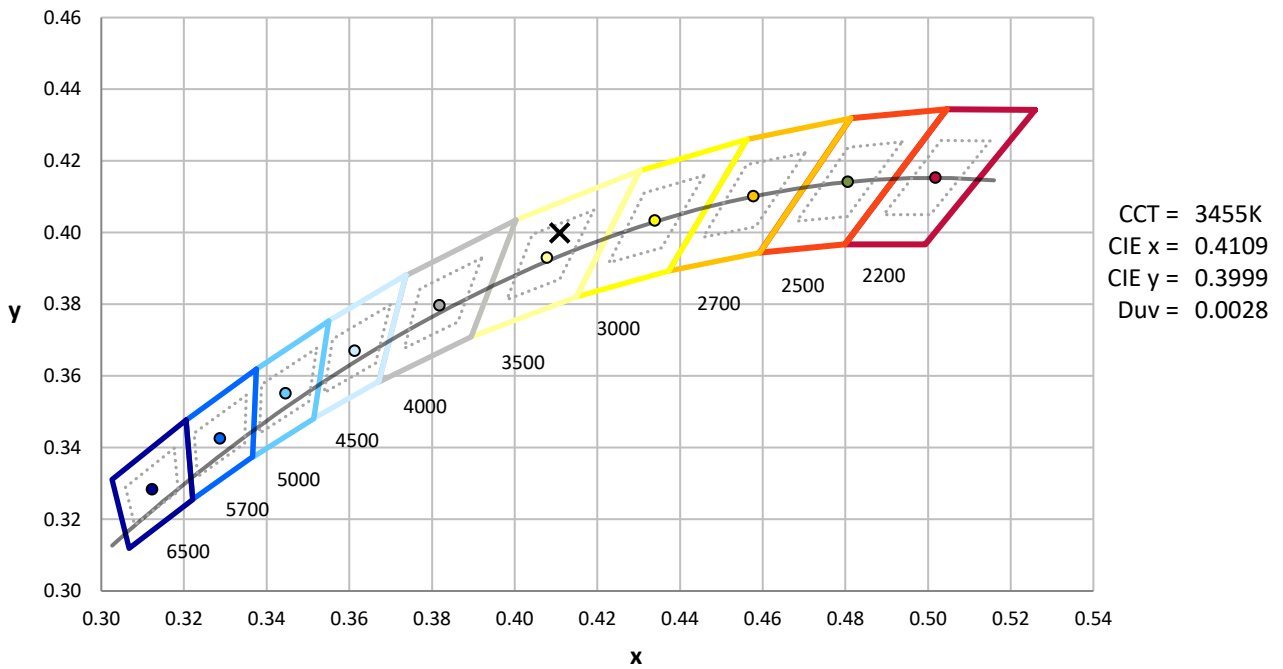
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-15

**CIE 1931 Chromaticity Diagram**



**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.58**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

**Melanopic Flux vs. Wavelength**



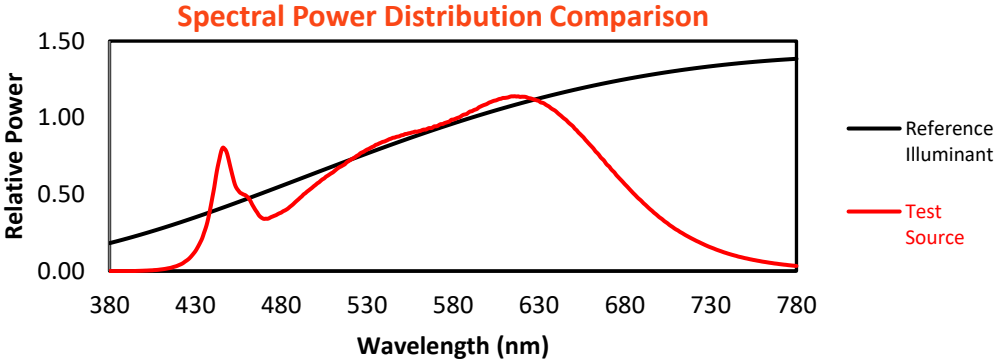
**Melanopic Lumens: NR**

**M/P: 3.14**

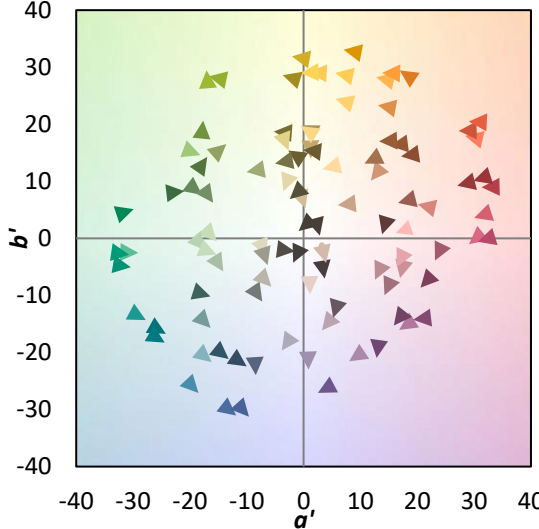
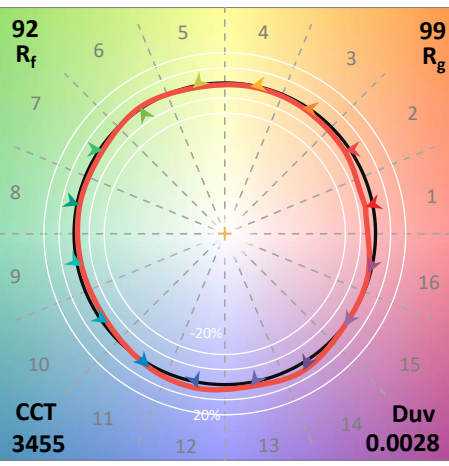
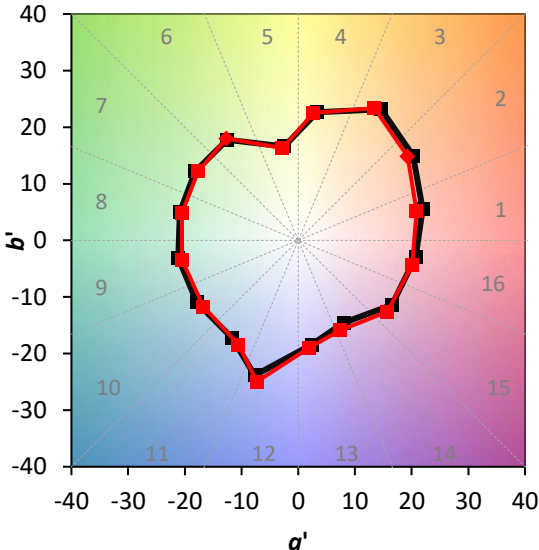
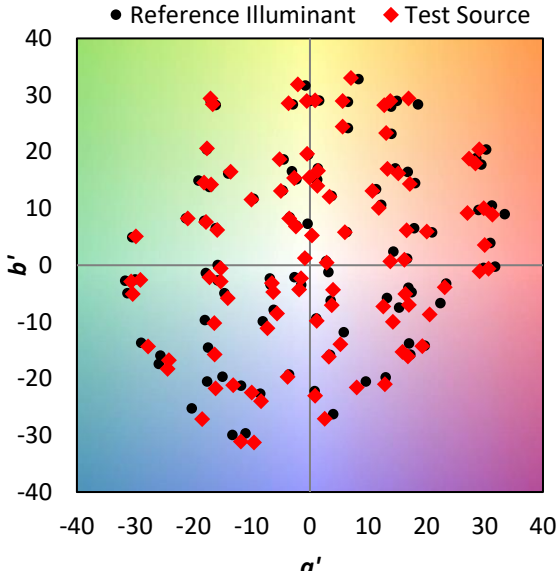
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

**Summary**

$R_f = 92.3$   
 $R_g = 98.5$   
 CIE  $R_a = 92.2$   
 $R_9 = 59.8$



**Color Vector Graphics**



**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)