

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: P1456114

Luminaire Tested: GLAN-SB9D-835-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456114  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9D-835-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square  
PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (234) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 83197.4 lumens  
Efficiency: N/A  
Efficacy: 126.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B5 - U0 - G5

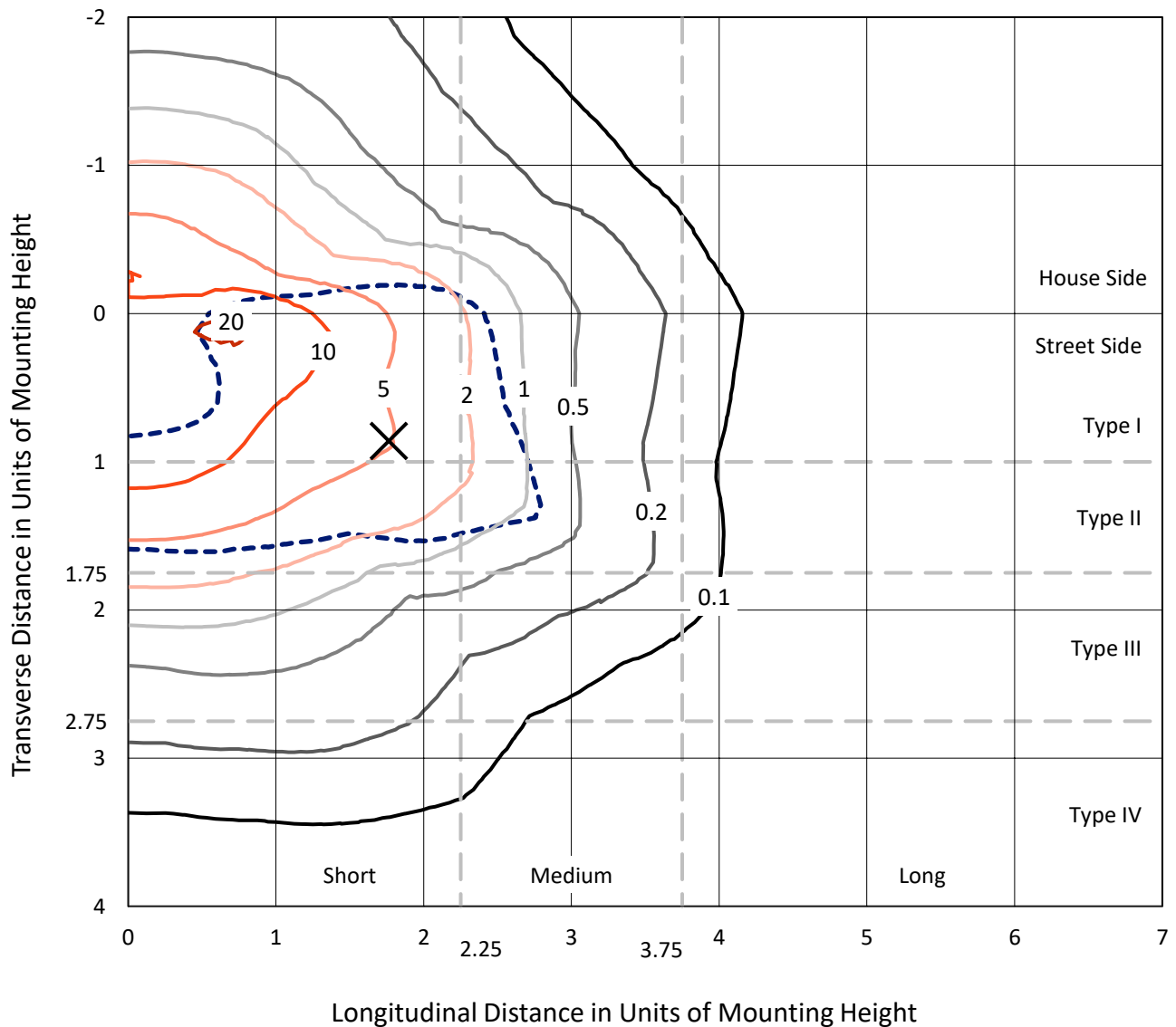
Input Watts (W): 658  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB9D-835-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

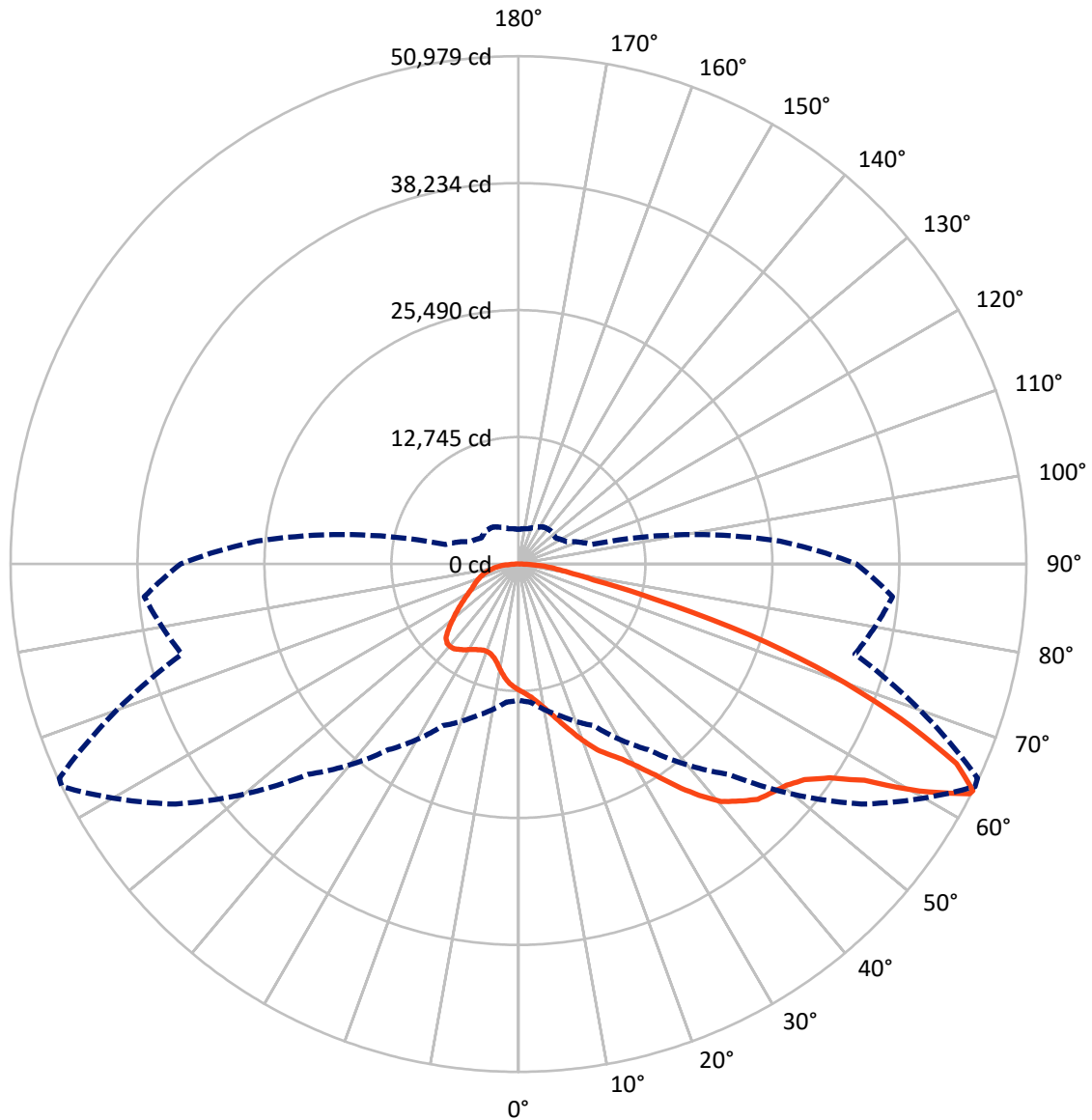


Based on 30 foot mounting height. Maximum calculated value = 21.7 fc  
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SB9D-835-U-T2LG

### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	22352.8	0.0	22352.8
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	60844.6	0.0	60844.6
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	83197.4	0.0	83197.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1163.3	1.4
10°-20°	3581.2	4.3
20°-30°	6548.8	7.9
30°-40°	11265.0	13.5
40°-50°	16612.8	20.0
50°-60°	19911.5	23.9
60°-70°	15980.9	19.2
70°-80°	6421.6	7.7
80°-90°	1712.3	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°	83197.4	100.0
0°-180°	83197.4	100.0



REPORT NUMBER: P1456114

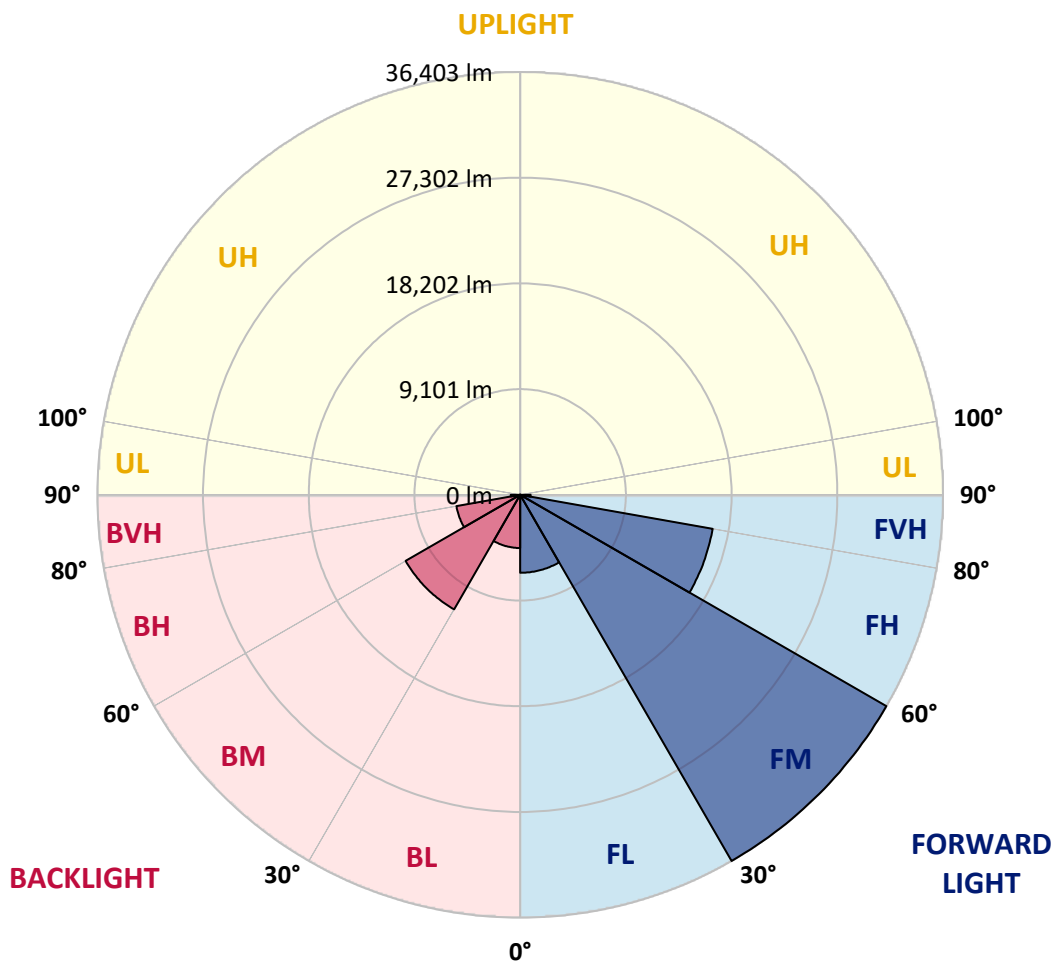
CATALOG NUMBER: GLAN-SB9D-835-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6712.4	8.1			
FM (30°-60°)	36403.3	43.8			
FH (60°-80°)	16829.2	20.2			G5
FVH (80°-90°)	899.6	1.1			G5
BL (0°-30°)	4580.9	5.5	B4/5000		
BM (30°-60°)	11386.0	13.7	B5		
BH (60°-80°)	5573.2	6.7	B5		G5
BVH (80°-90°)	812.7	1.0			G5
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0
2.5°	13193.3	13212.0	13155.9	13137.2	13174.6	13099.8	13081.1	13006.4	12969.0	12894.3	12800.8
5°	13567.0	13585.7	13548.3	13548.3	13585.7	13529.6	13510.9	13436.2	13398.8	13324.1	13137.2
7.5°	13548.3	13567.0	13604.4	13753.9	13940.8	14015.5	14071.6	14015.5	13996.8	13884.7	13697.8
10°	13249.3	13268.0	13361.4	13585.7	14052.9	14389.3	14744.3	14744.3	14781.7	14688.3	14351.9
12.5°	12838.2	12856.9	13081.1	13436.2	14052.9	14632.2	15361.0	15660.0	15641.3	15585.2	15192.8
15°	11847.8	11847.8	12184.1	12856.9	13847.3	14800.4	15884.2	16687.8	16706.5	16762.5	16295.4
17.5°	11006.8	11025.5	11305.8	11903.8	13193.3	14706.9	16444.9	17827.7	17883.8	18201.5	17528.7
20°	11081.6	11081.6	11175.0	11436.7	12483.1	14333.2	16762.5	19042.4	19229.3	19976.8	19135.8
22.5°	11660.9	11660.9	11735.7	11717.0	12352.3	14090.3	16968.1	20257.1	20593.5	22144.5	21060.6
25°	12726.1	12707.4	12632.6	12520.5	12894.3	14351.9	17435.3	21191.4	21845.5	24536.5	23284.4
27.5°	14034.2	13996.8	13884.7	13697.8	13959.4	15136.7	18238.8	22181.9	22892.0	27152.7	25639.0
30°	15660.0	15547.9	15435.7	15192.8	15473.1	16426.2	19434.8	23583.4	24256.2	30124.0	28479.5
32.5°	17584.8	17715.6	17341.9	17005.5	17304.5	18182.8	21210.1	25246.6	25975.4	33226.1	31432.1
35°	20462.6	20855.1	20742.9	19042.4	19322.7	20294.5	23284.4	27395.6	28049.7	36047.9	34459.5
37.5°	23303.1	23209.7	23303.1	21882.9	21434.4	22611.7	25508.2	29451.2	30086.6	38346.4	37131.7
40°	25583.0	25863.3	25863.3	24704.7	24125.4	24910.2	27526.5	31338.7	31955.4	39617.2	39056.5
42.5°	28068.4	28105.8	28031.0	27021.9	26797.6	27003.2	29301.8	32534.7	33039.2	40271.2	40364.7
45°	30871.5	30852.8	30535.1	29694.2	29357.8	29170.9	30404.3	33693.3	34197.8	40570.2	41074.8
47.5°	33188.7	33282.2	33300.8	32403.8	31843.2	31039.7	31357.4	34272.6	34851.9	40233.8	41224.3
50°	33319.5	33469.0	34179.1	34440.8	34328.6	33039.2	32235.7	34889.3	35468.6	40308.6	41766.2
52.5°	32497.3	32646.8	33562.5	34646.3	35954.4	35337.8	33618.5	35954.4	36552.4	41037.4	42999.6
55°	30292.2	30535.1	31899.3	33413.0	35748.9	36627.2	36066.6	37879.2	38439.9	41616.7	44438.5
57.5°	26367.8	26666.8	28554.3	30964.9	34160.5	36328.2	39617.2	40962.7	41429.8	42027.8	44457.2
60°	19715.1	19958.1	22910.7	26162.3	30964.9	34459.5	41728.8	46251.2	46512.8	39804.0	41934.4
62.5°	14520.1	14763.0	16743.9	19079.8	24330.9	31021.0	42140.0	50829.6	50866.9	35786.3	38458.5
63°	13679.1	13922.1	15716.1	17902.5	22761.2	29862.4	42009.1	50979.1	50848.3	34964.0	37692.4
65°	10651.8	11081.6	12950.3	14613.5	17061.5	23770.3	40327.3	48325.5	48512.3	32534.7	33842.8
67.5°	7250.7	7568.4	9941.7	11866.5	12894.3	15136.7	33076.6	41355.1	41654.1	30011.9	27003.2
70°	5606.2	5755.7	7138.6	9399.7	10427.5	9624.0	21565.2	33300.8	33300.8	23433.9	19135.8
72.5°	4391.5	4447.6	5382.0	7344.1	8390.6	7400.2	12016.0	24218.8	23321.8	13903.4	12763.5
75°	3139.5	3214.2	4055.2	5475.4	6690.1	5830.5	7680.5	14108.9	13567.0	7998.2	8521.4
77.5°	2485.4	2522.8	3027.3	4036.5	5419.3	4447.6	5849.1	7699.2	7624.4	5624.9	5475.4
80°	1962.2	2036.9	2373.3	2896.5	4186.0	3475.8	4354.2	5083.0	4933.5	3868.3	3513.2
82.5°	1401.6	1532.4	1831.4	2205.1	3102.1	2485.4	2859.2	3588.0	3588.0	2915.2	2317.2
85°	859.6	971.7	1083.9	1364.2	2205.1	1607.1	1513.7	2317.2	2373.3	2186.4	1495.0
87.5°	411.1	448.5	523.2	579.3	803.6	728.8	598.0	878.3	897.0	971.7	616.7
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: P1456114

CATALOG NUMBER: GLAN-SB9D-835-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0	12670.0
2.5°	12782.1	12744.8	12557.9	12371.0	12165.5	11978.6	11791.7	11642.2	11474.0	11511.4	11530.1
5°	13025.1	12931.6	12520.5	12034.6	11399.3	10801.3	10222.0	9810.9	9549.2	9474.5	9325.0
7.5°	13548.3	13324.1	12576.6	11548.8	10371.5	9437.1	8895.2	8652.2	8577.5	8596.2	8558.8
10°	14146.3	13809.9	12651.3	10969.5	9474.5	8839.1	8764.4	8913.9	8988.6	9063.4	9082.0
12.5°	14931.2	14389.3	12614.0	10334.1	9044.7	8932.5	9212.9	9493.2	9661.4	9773.5	9754.8
15°	15846.9	15118.1	12501.8	9810.9	8988.6	9287.6	9642.7	9960.4	10165.9	10278.0	10222.0
17.5°	16949.4	15977.7	12371.0	9474.5	9156.8	9511.9	9885.6	10203.3	10427.5	10502.3	10446.2
20°	18313.6	16949.4	12146.8	9325.0	9287.6	9605.3	9941.7	10240.7	10427.5	10502.3	10427.5
22.5°	19920.7	18108.0	11959.9	9325.0	9343.7	9605.3	9848.2	10072.5	10240.7	10296.7	10203.3
25°	21976.3	19453.5	11885.1	9474.5	9362.4	9511.9	9642.7	9773.5	9866.9	9904.3	9866.9
27.5°	24069.3	21004.6	11922.5	9661.4	9343.7	9381.0	9381.0	9399.7	9418.4	9437.1	9418.4
30°	26480.0	22574.3	12072.0	9904.3	9381.0	9194.2	9138.1	9026.0	8932.5	8857.8	8783.1
32.5°	28815.9	24069.3	12333.6	10259.4	9343.7	8988.6	8876.5	8596.2	8334.6	8110.3	8110.3
35°	31338.7	25620.3	12800.8	10521.0	9306.3	8801.7	8484.1	8166.4	7886.1	7568.4	7568.4
37.5°	33506.4	26947.1	13174.6	10820.0	9268.9	8577.5	8072.9	7717.9	7418.9	7101.2	7063.8
40°	35020.1	27713.3	13398.8	10932.1	9138.1	8278.5	7680.5	7232.0	6802.2	6372.4	6353.7
42.5°	35748.9	27676.0	13268.0	10894.7	8895.2	7904.7	7344.1	6746.1	6166.8	5774.4	5737.0
45°	36141.3	27433.0	12763.5	10577.0	8502.7	7512.3	6914.3	6278.9	5699.6	5344.6	5269.8
47.5°	36066.6	26835.0	12072.0	9792.2	7979.5	7082.5	6484.5	5830.5	5363.3	5157.7	5157.7
50°	36272.1	26367.8	11287.2	8895.2	7269.4	6577.9	6092.1	5494.1	5213.8	4952.1	4858.7
52.5°	37187.8	26760.3	10614.4	8054.2	6596.6	6092.1	5755.7	5251.1	4896.1	4727.9	4671.8
55°	38402.5	27601.2	9979.0	7306.8	5942.6	5662.3	5494.1	5026.9	4615.8	4447.6	4354.2
57.5°	38626.7	28180.5	9362.4	6577.9	5400.6	5325.9	5269.8	4634.5	4298.1	4167.3	4092.5
60°	37075.7	27750.7	8558.8	5923.9	4970.8	5008.2	4858.7	4391.5	3999.1	3868.3	3793.5
62.5°	34440.8	26629.5	7755.2	5363.3	4634.5	4709.2	4559.7	4092.5	3700.1	3569.3	3531.9
63°	33917.5	26330.5	7568.4	5307.2	4559.7	4653.1	4522.3	4055.2	3662.7	3531.9	3475.8
65°	30796.7	24536.5	6914.3	5008.2	4316.8	4316.8	4335.5	3868.3	3531.9	3475.8	3438.5
67.5°	25115.8	20481.3	6204.2	4653.1	4055.2	4111.2	4204.7	3943.0	3812.2	3774.8	3737.5
70°	18986.3	15417.1	5587.5	4316.8	3774.8	3961.7	4597.1	4485.0	3999.1	3662.7	3588.0
72.5°	13454.9	10502.3	5045.6	3980.4	3438.5	3905.7	4765.3	4279.4	3606.7	3214.2	3139.5
75°	9007.3	6764.8	4503.6	3625.3	3064.7	3606.7	4503.6	3905.7	3139.5	3046.0	2933.9
77.5°	5662.3	4821.3	3961.7	3214.2	2653.6	3214.2	4092.5	3475.8	2709.7	2747.0	2578.9
80°	3457.2	3438.5	3326.3	2728.4	2130.4	2560.2	3438.5	2933.9	2167.7	2167.7	1924.8
82.5°	2055.6	2485.4	2821.8	2261.2	1551.0	1831.4	2485.4	2205.1	1812.7	1756.6	1644.5
85°	1382.9	1681.9	2242.5	1737.9	990.4	1121.2	1719.2	1850.0	1663.2	1457.6	1364.2
87.5°	504.6	672.7	1027.8	710.1	429.8	672.7	1289.4	1345.5	1009.1	784.9	710.1
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-10  
 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-835-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3411  
 CIE u': 0.2360  
 CIE v': 0.5189  
 Duv: 0.0044  
 CIE x: 0.4154  
 CIE y: 0.4059  
 CIE z: 0.1787  
 Peak Wavelength (nm): 601  
 Dominant Wavelength (nm): 579  
 Purity: 46.51914  
 Rf: 86.6  
 Rg: 95.9

CRI (Ra):	83.5		
R1:	81.1	R9:	6.3
R2:	88.9	R10:	75.4
R3:	97.2	R11:	84.1
R4:	83.8	R12:	69.7
R5:	81.7	R13:	82.8
R6:	86.9	R14:	98.5
R7:	86.1	R15:	72.6
R8:	62.2		



**Test Conditions**

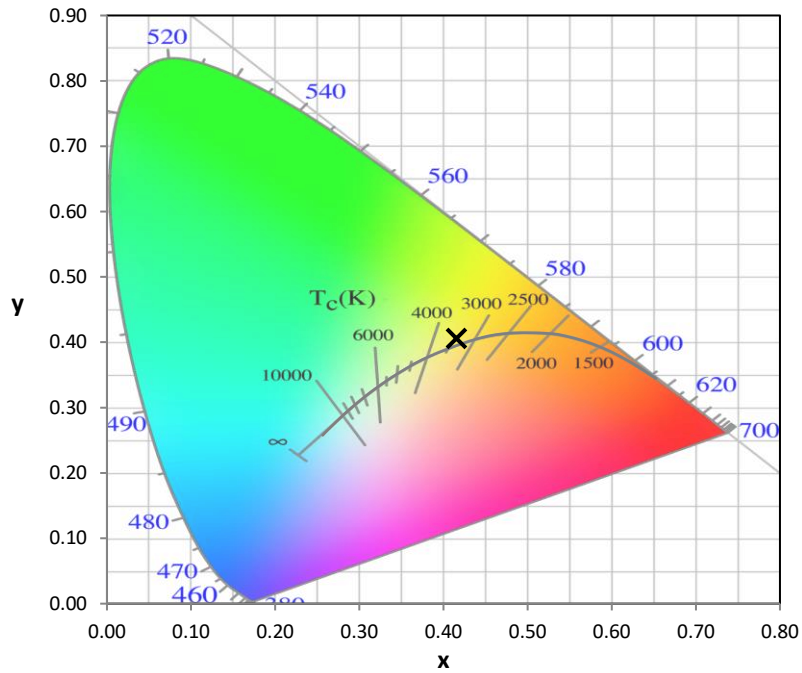
Stabilization Time: 35M  
 Operation Time: 1H 35M  
 Sphere Temperature (°C): 25.2

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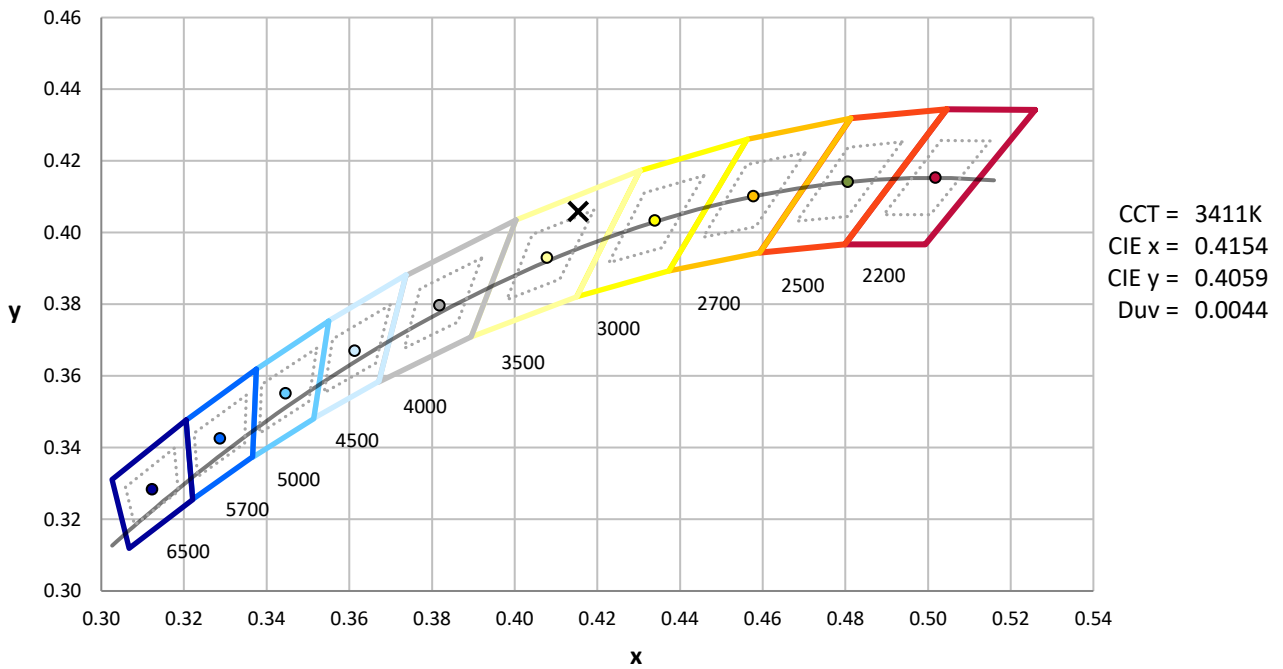
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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**CIE 1931 Chromaticity Diagram**



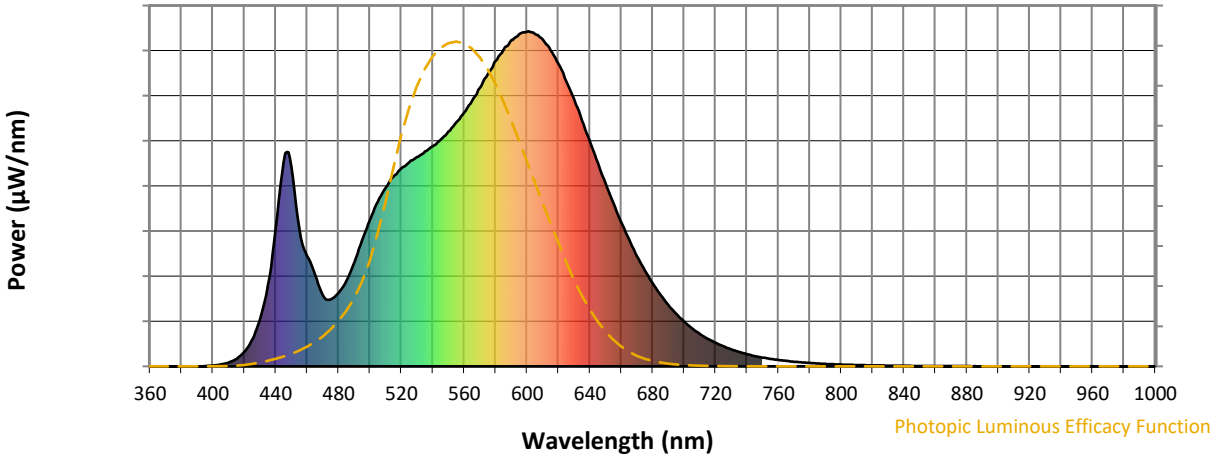
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3500K 7-step quadrangle

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**Photopic Flux vs. Wavelength**

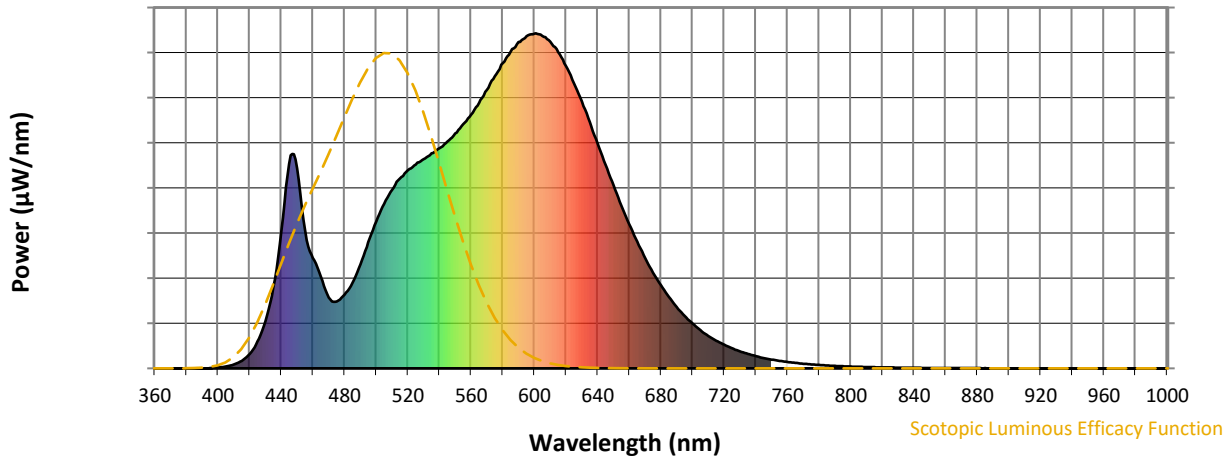


**Photopic Lumens: NR**

$\lambda$ (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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.48**

$\lambda$ (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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

**Summary**

$R_f = 86.6$   
 $R_g = 95.9$   
 $CIE R_a = 83.5$   
 $R_9 = 6.3$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)