

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P1063867

Luminaire Tested: **GLAN-SA8C-950-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063867
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8C-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34793.3 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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



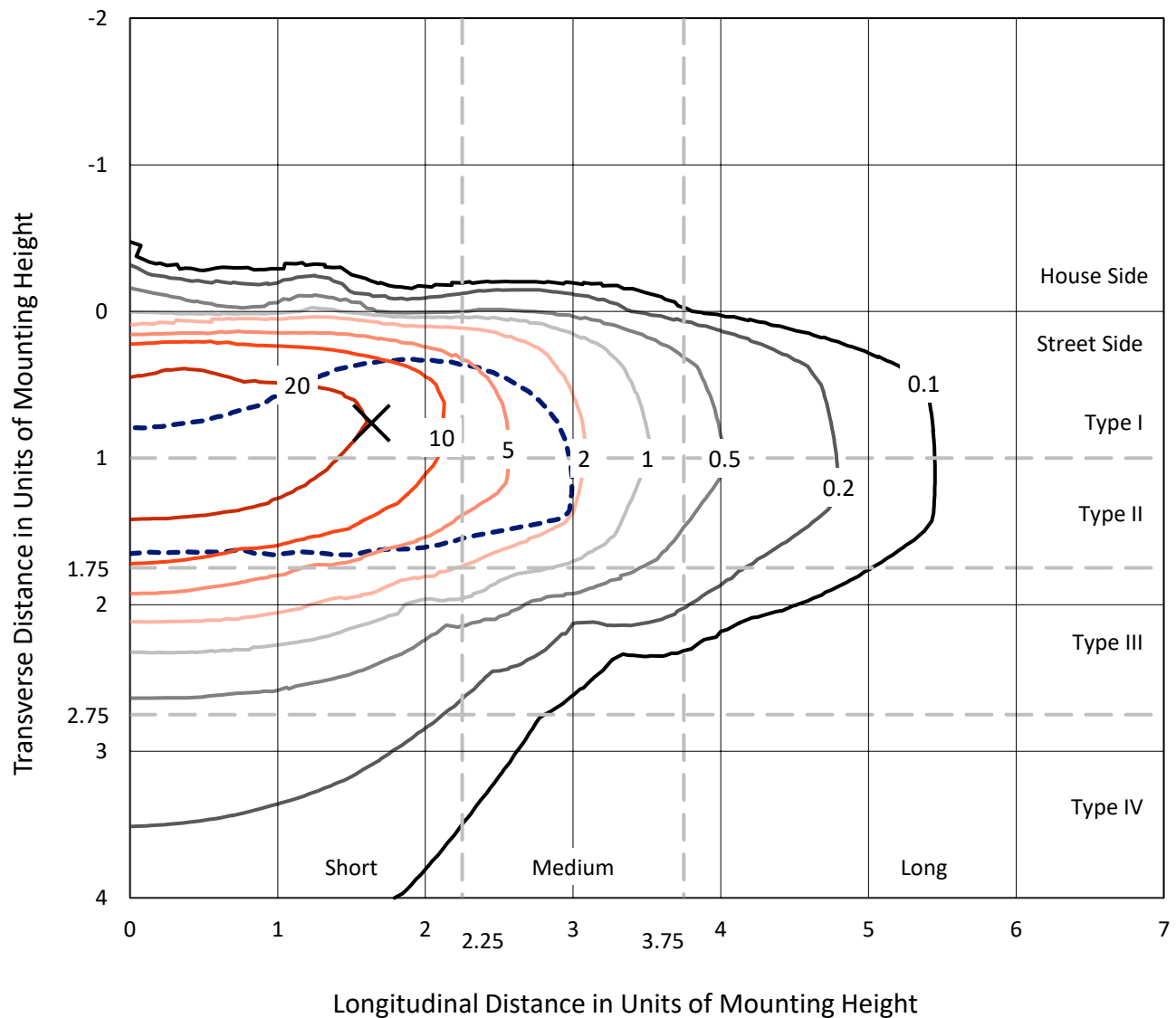
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

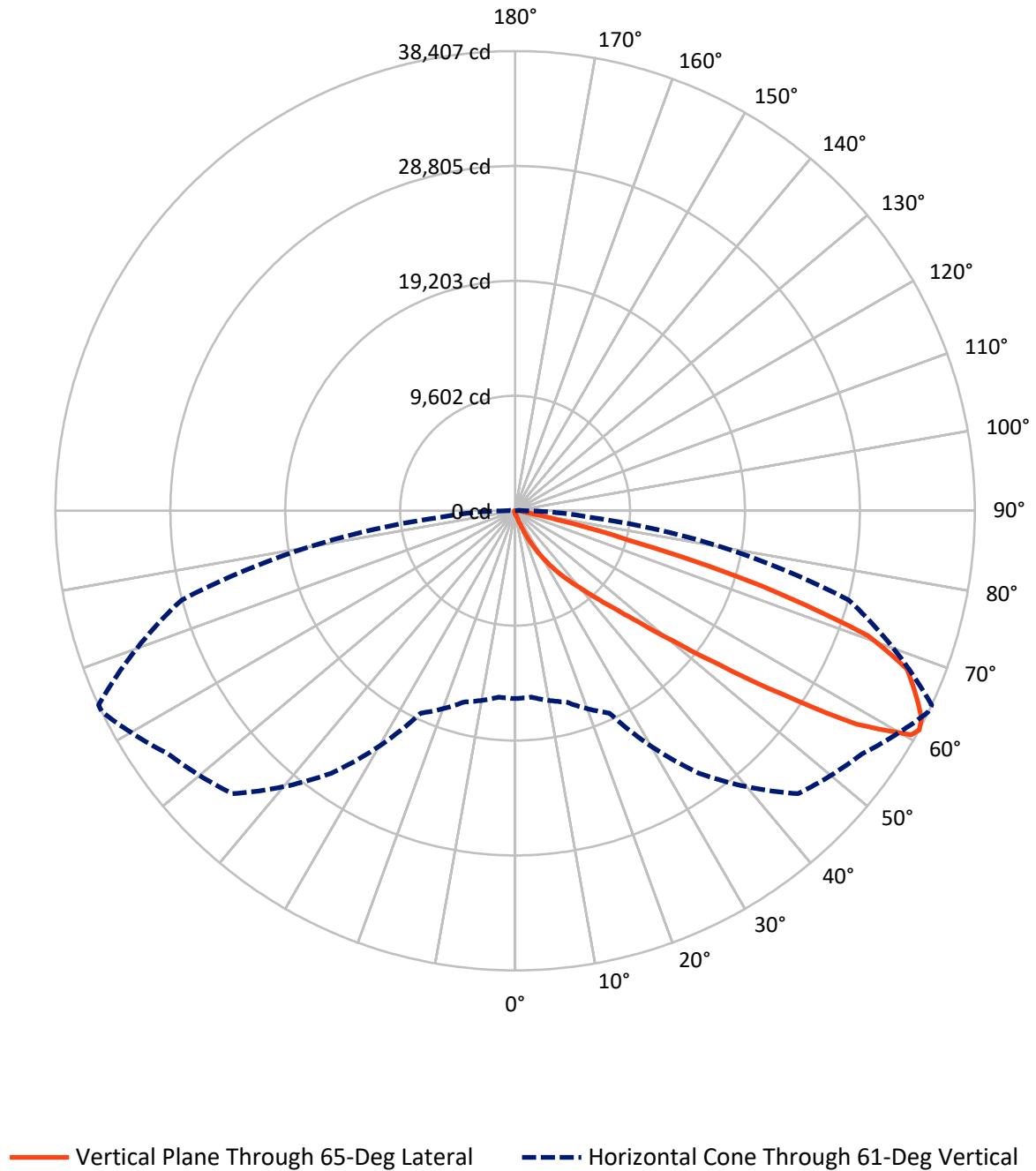


Based on 15 foot mounting height. Maximum calculated value = 46 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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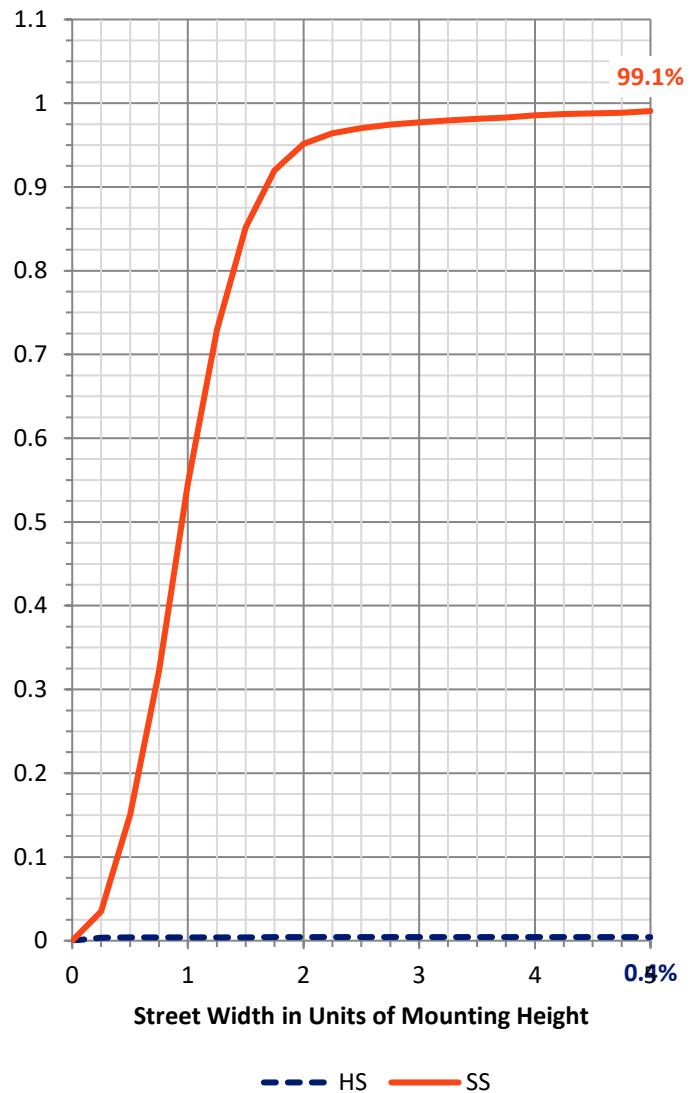
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	148.5	0.0	148.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34644.7	0.0	34644.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	34793.3	0.0	34793.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.1	0.1
10°-20°	286.1	0.8
20°-30°	1026.8	3.0
30°-40°	2733.7	7.9
40°-50°	7181.5	20.6
50°-60°	11125.5	32.0
60°-70°	9328.6	26.8
70°-80°	2745.2	7.9
80°-90°	338.7	1.0
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°	34793.3	100.0
0°-180°	34793.3	100.0



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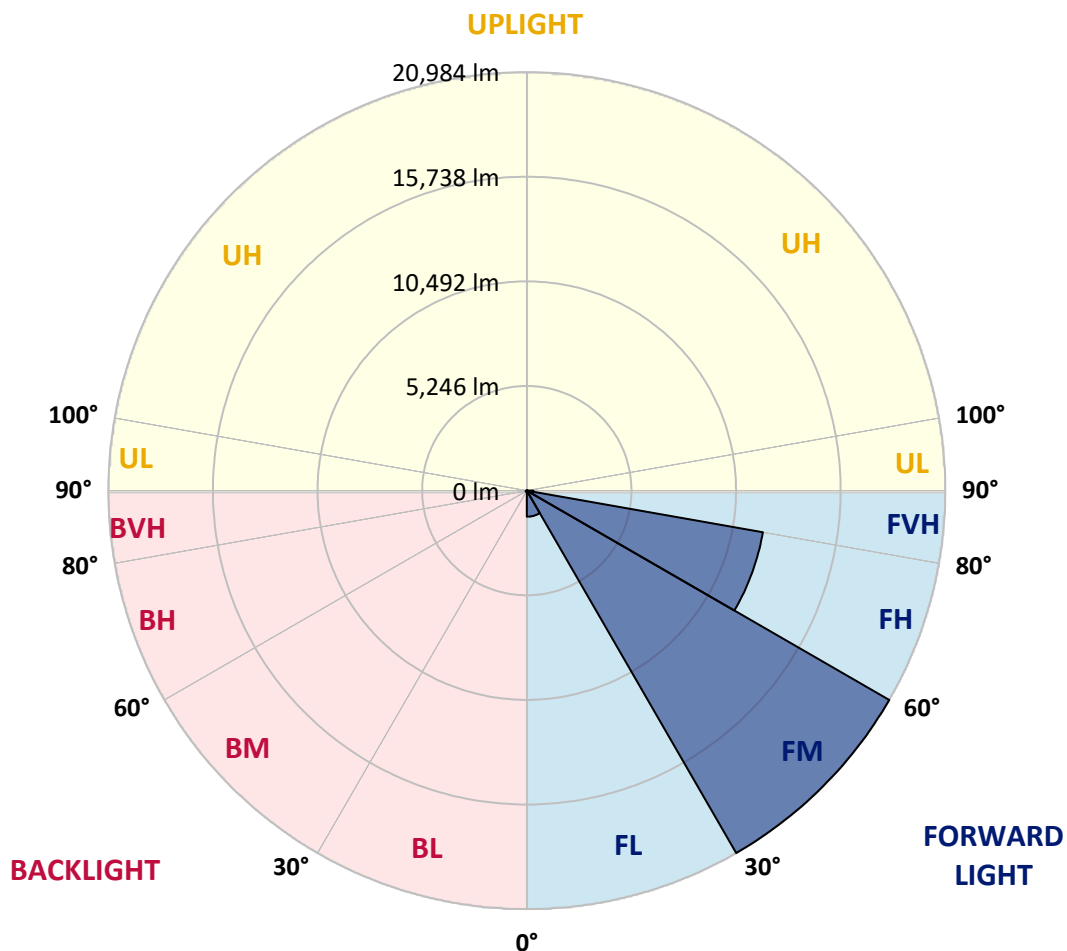
CATALOG NUMBER: GLAN-SA8C-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1306.7	3.8			
FM	(30°-60°)	20984.3	60.3			
FH	(60°-80°)	12021.4	34.6			G5
FVH	(80°-90°)	332.4	1.0			G3/500
BL	(0°-30°)	33.3	0.1	B0/110		
BM	(30°-60°)	56.5	0.2	B0/220		
BH	(60°-80°)	52.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0
2.5°	258.5	260.9	256.1	246.5	239.3	239.3	236.9	229.8	229.8	222.6	217.8
5°	361.4	356.6	347.0	327.9	311.1	294.4	277.6	260.9	258.5	236.9	222.6
7.5°	591.2	596.0	564.8	505.0	454.7	390.1	330.3	294.4	289.6	253.7	225.0
10°	1297.2	1261.3	1189.5	957.4	787.4	593.6	440.4	342.3	337.5	272.8	229.8
12.5°	2364.7	2336.0	2204.3	1965.0	1527.0	1062.7	643.8	423.6	409.3	289.6	232.2
15°	3408.2	3362.7	3290.9	3049.2	2537.0	1905.1	1053.1	579.2	540.9	313.5	229.8
17.5°	4073.6	4080.8	4016.1	3913.2	3582.9	2819.4	1819.0	864.0	789.8	356.6	225.0
20°	4655.2	4638.4	4674.3	4619.3	4387.1	3831.8	2647.1	1369.0	1242.2	426.0	227.4
22.5°	5325.3	5366.0	5392.3	5380.4	5124.3	4650.4	3587.7	2048.8	1888.4	552.9	234.6
25°	6222.8	6218.1	6220.5	6189.3	5940.4	5413.9	4530.7	2893.6	2730.9	758.7	251.3
27.5°	7163.5	7192.2	7204.1	7091.7	6766.1	6249.2	5404.3	3817.5	3626.0	1089.0	272.8
30°	8448.7	8424.8	8369.7	8140.0	7745.1	7103.6	6265.9	4786.8	4585.8	1550.9	306.4
32.5°	10181.5	10155.2	9877.6	9370.2	8779.0	7994.0	7132.3	5758.5	5514.4	2127.7	351.8
35°	13036.9	13077.6	12395.4	11081.5	10021.2	9063.8	8092.1	6725.5	6510.1	2838.6	414.1
37.5°	17409.6	17187.0	16260.8	13939.2	11655.9	10399.3	9008.8	7702.0	7515.3	3714.6	495.4
40°	21657.9	21437.7	21169.6	18970.1	14496.8	11871.3	10291.6	8848.4	8606.7	4703.0	615.1
42.5°	26124.0	26001.9	25990.0	24331.3	19680.9	14185.7	11835.4	10191.1	9985.3	5787.2	811.4
45°	29288.1	29166.0	29422.1	29711.7	26741.5	19144.8	14523.2	11935.9	11636.7	7103.6	1124.9
47.5°	29714.1	29718.9	30403.4	31310.5	31987.8	26815.7	18103.7	14247.9	13884.1	8987.2	1651.4
50°	28297.2	28352.2	29441.2	31064.0	32887.7	33251.5	24417.5	17603.5	17065.0	11220.3	2398.2
52.5°	25599.8	25662.1	27179.5	29848.1	32059.6	34797.7	31851.4	21993.0	21373.1	14006.2	3451.3
55°	23170.5	23208.8	24948.8	28321.1	31061.6	33957.6	36264.8	27854.4	27040.7	17433.5	4490.0
57.5°	20765.2	20676.6	21808.7	25669.2	30891.6	32926.0	36915.8	34534.4	33636.9	21179.2	5299.0
60°	17548.4	17400.0	18309.5	20765.2	28656.2	33603.4	35697.6	38229.8	38026.4	26394.4	5923.7
61°	15698.3	15636.1	16550.4	18656.6	26775.0	33431.0	35405.6	38385.4	38406.9	28862.0	6203.7
62.5°	11210.7	11387.8	12785.6	15523.6	22426.2	32313.3	35443.9	37904.3	38117.3	32141.0	6928.9
65°	4983.1	5267.9	6354.5	8582.7	13041.6	26880.3	35104.0	36848.8	36743.5	33040.9	9427.6
67.5°	2955.9	2998.9	3539.8	4863.4	6907.4	14458.5	30977.8	35453.5	35312.3	28763.9	11730.1
70°	2328.8	2350.3	2522.6	3051.6	4008.9	5538.3	17680.1	30673.8	31288.9	23323.7	11483.5
72.5°	2209.1	2204.3	2228.3	2321.6	2525.0	2747.6	6845.1	20389.4	21641.1	16796.9	9628.7
75°	2180.4	2170.8	2146.9	2111.0	1828.6	1617.9	2120.6	9018.3	9743.5	11476.4	7249.6
77.5°	2115.8	2118.2	2122.9	2024.8	1567.7	1144.0	1026.8	2893.6	3559.0	7283.1	5153.0
80°	1431.3	1452.8	1488.7	1450.4	1409.7	828.1	725.2	1029.2	1043.5	4087.9	3403.4
82.5°	725.2	725.2	708.4	631.9	545.7	538.5	576.8	746.7	756.3	2067.9	1601.2
85°	438.0	461.9	471.5	428.4	392.5	361.4	440.4	593.6	615.1	801.8	373.4
87.5°	98.1	100.5	110.1	146.0	213.0	289.6	409.3	543.3	552.9	514.6	45.5
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: P1063867

CATALOG NUMBER: GLAN-SA8C-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0
2.5°	215.4	210.6	208.2	201.0	193.9	186.7	181.9	179.5	181.9	184.3	184.3
5°	213.0	205.8	193.9	181.9	172.3	162.8	153.2	150.8	150.8	153.2	153.2
7.5°	213.0	201.0	184.3	169.9	155.6	141.2	134.0	129.2	131.6	131.6	131.6
10°	213.0	198.7	177.1	155.6	138.8	122.1	110.1	105.3	105.3	105.3	105.3
12.5°	210.6	196.3	169.9	143.6	119.7	100.5	86.2	79.0	81.4	81.4	81.4
15°	205.8	189.1	160.4	122.1	95.7	76.6	62.2	55.0	57.4	62.2	64.6
17.5°	198.7	181.9	143.6	102.9	76.6	57.4	43.1	38.3	40.7	47.9	47.9
20°	196.3	174.7	126.9	83.8	57.4	40.7	28.7	23.9	26.3	35.9	38.3
22.5°	196.3	169.9	114.9	69.4	43.1	26.3	16.8	9.6	9.6	16.8	16.8
25°	198.7	167.5	105.3	57.4	31.1	19.1	9.6	4.8	9.6	26.3	31.1
27.5°	203.4	165.1	100.5	47.9	23.9	16.8	7.2	16.8	28.7	28.7	28.7
30°	208.2	160.4	93.3	40.7	21.5	12.0	12.0	23.9	23.9	28.7	31.1
32.5°	215.4	158.0	88.6	35.9	16.8	9.6	16.8	14.4	14.4	16.8	19.1
35°	229.8	160.4	83.8	35.9	16.8	12.0	14.4	7.2	4.8	4.8	4.8
37.5°	248.9	162.8	76.6	31.1	14.4	14.4	7.2	0.0	0.0	0.0	0.0
40°	280.0	169.9	71.8	28.7	12.0	12.0	2.4	0.0	0.0	0.0	0.0
42.5°	332.7	184.3	69.4	26.3	12.0	9.6	0.0	0.0	0.0	0.0	0.0
45°	438.0	217.8	64.6	23.9	12.0	4.8	0.0	0.0	0.0	0.0	0.0
47.5°	629.5	296.8	62.2	19.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	919.1	402.1	59.8	16.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1172.8	423.6	40.7	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1201.5	292.0	31.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	957.4	189.1	26.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	725.2	143.6	23.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	696.5	129.2	23.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	768.3	112.5	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1249.4	93.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2170.8	81.4	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2742.8	76.6	14.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2391.0	69.4	14.4	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	1438.4	59.8	14.4	9.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	753.9	45.5	14.4	12.0	7.2	2.4	0.0	0.0	0.0	0.0	0.0
80°	366.2	40.7	16.8	12.0	9.6	4.8	0.0	0.0	0.0	0.0	0.0
82.5°	143.6	33.5	19.1	16.8	12.0	7.2	2.4	0.0	0.0	0.0	0.0
85°	64.6	28.7	21.5	19.1	16.8	9.6	2.4	0.0	0.0	0.0	0.0
87.5°	33.5	26.3	23.9	21.5	16.8	12.0	4.8	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

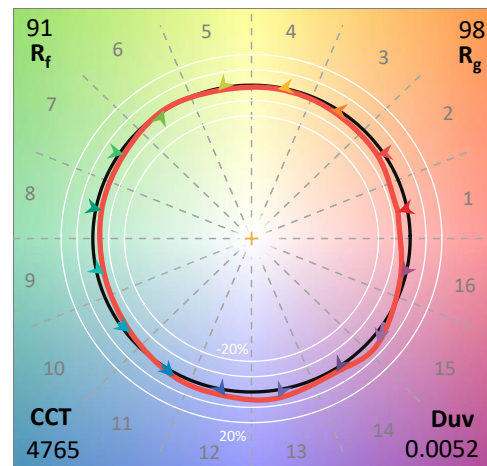
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

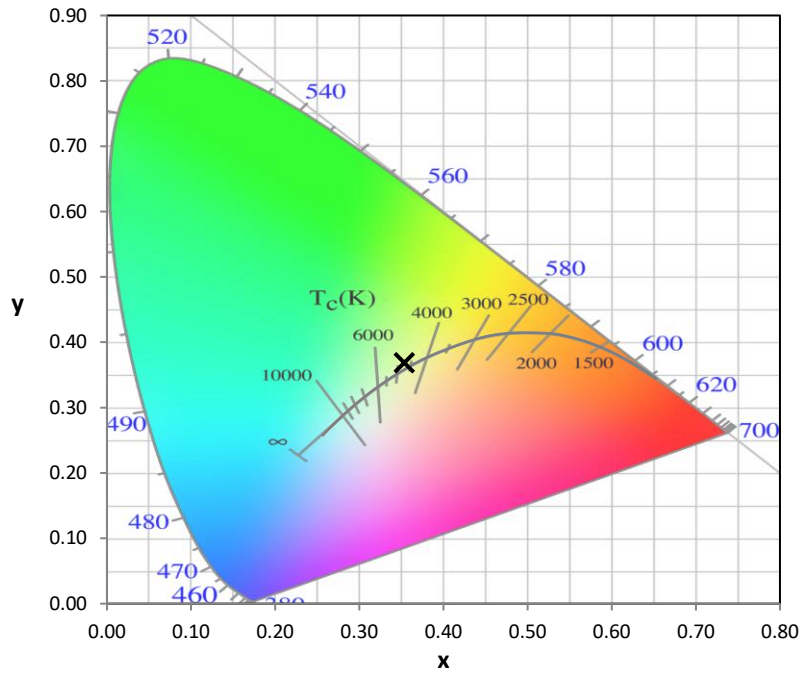
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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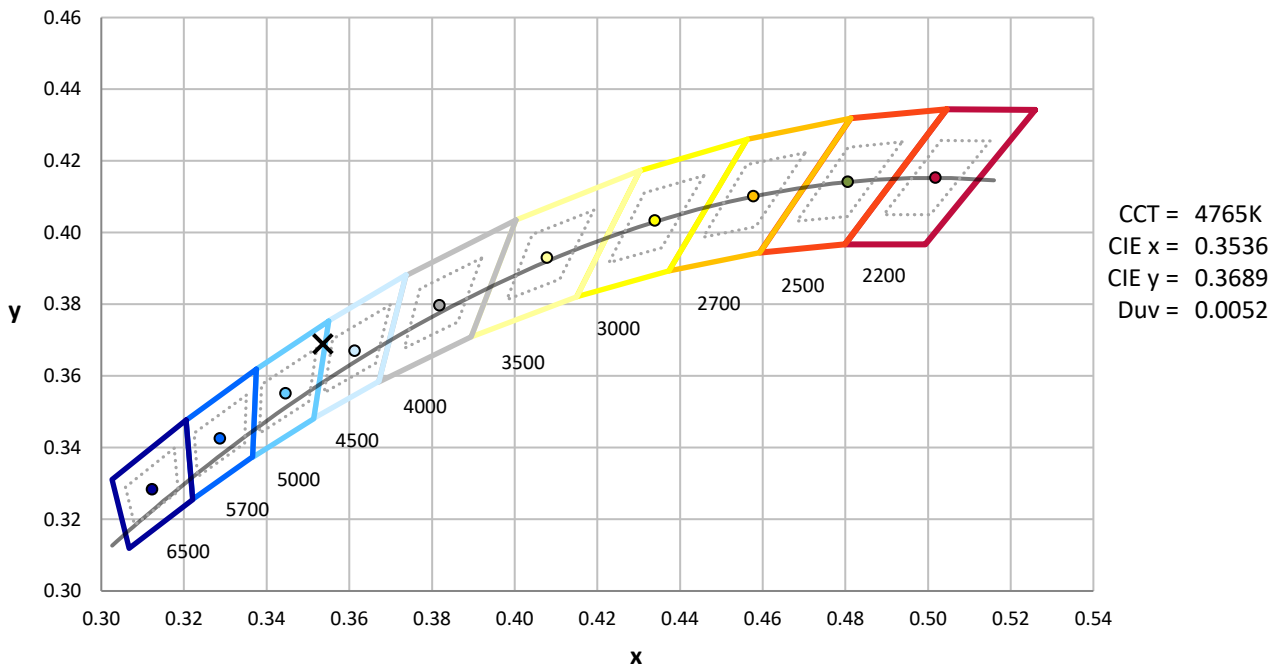
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



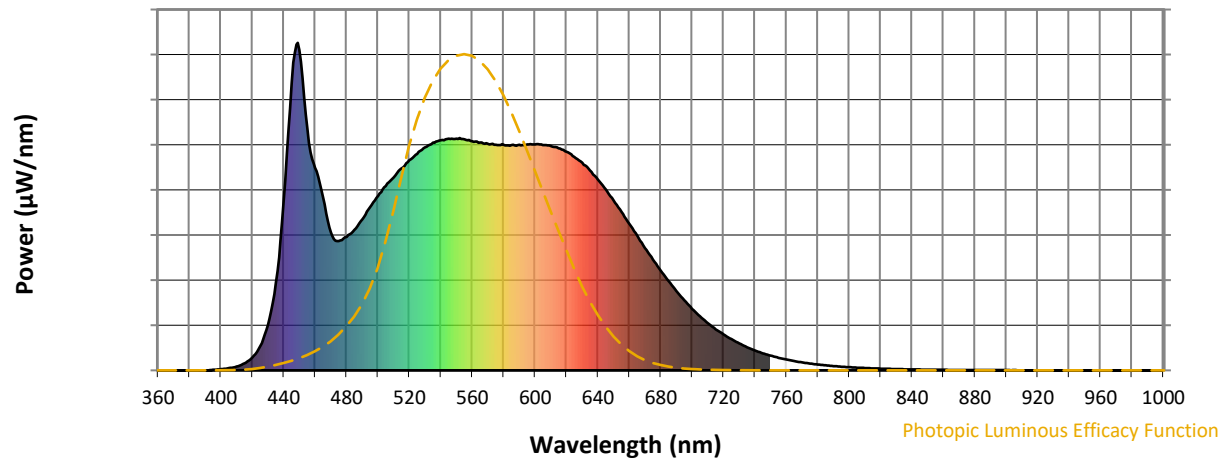
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

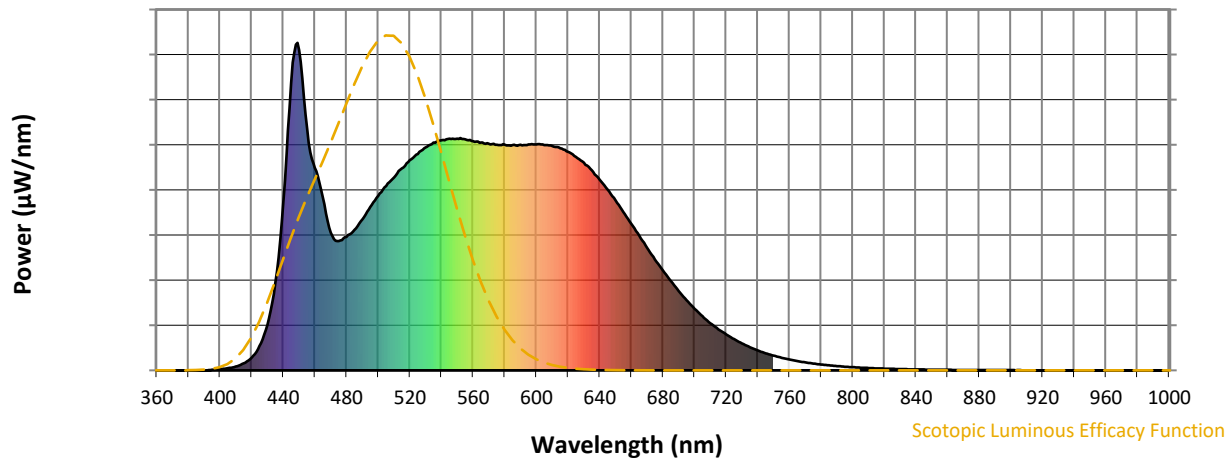


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



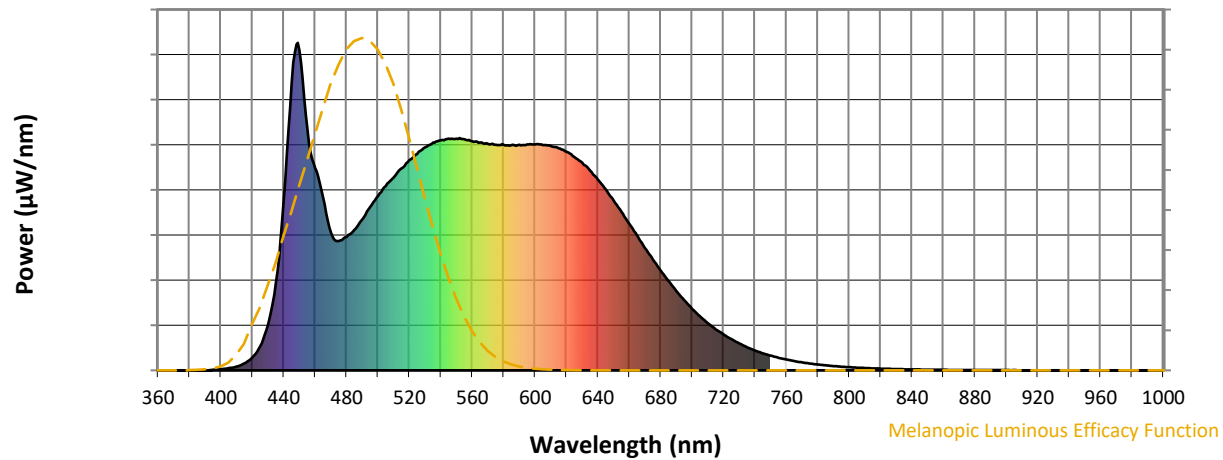
Scotopic Lumens: NR

S/P: 1.99

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

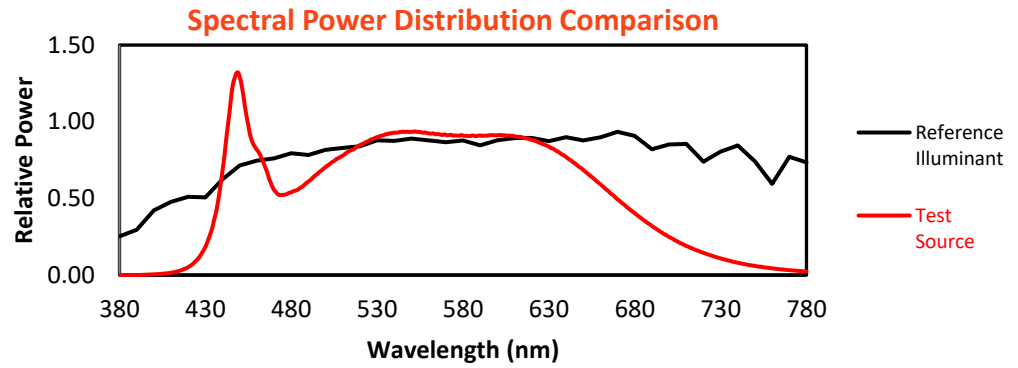
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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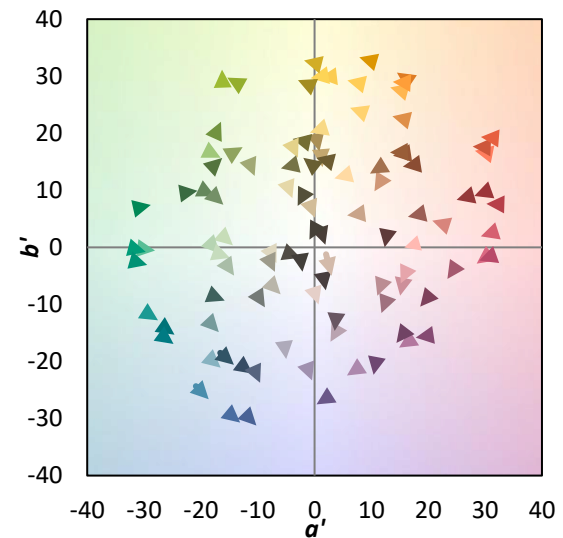
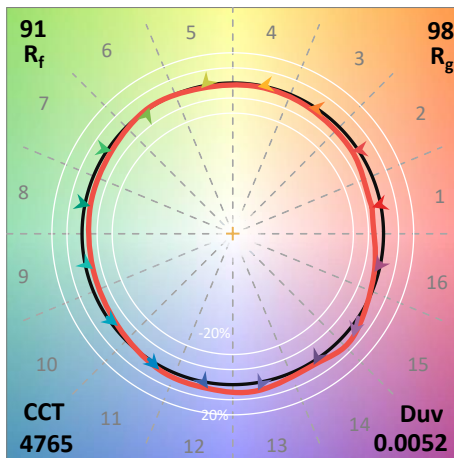
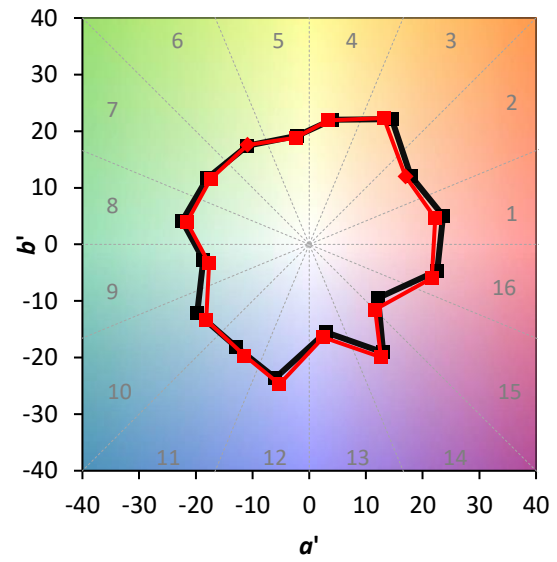
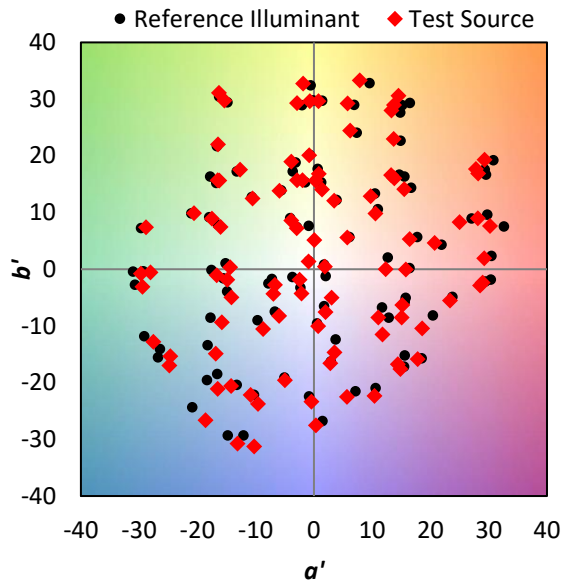
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

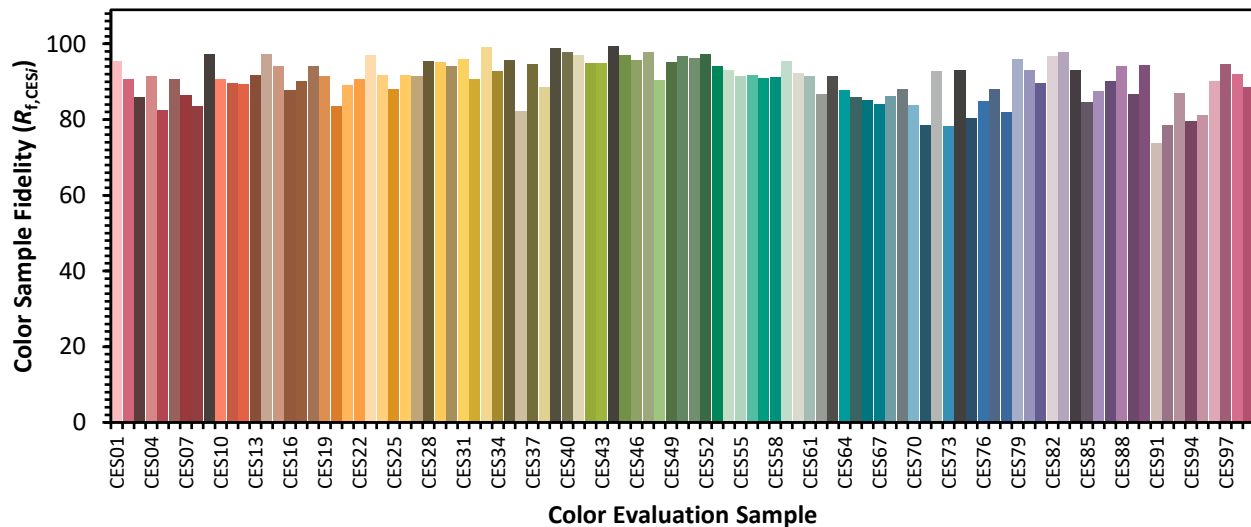


Color Vector Graphics

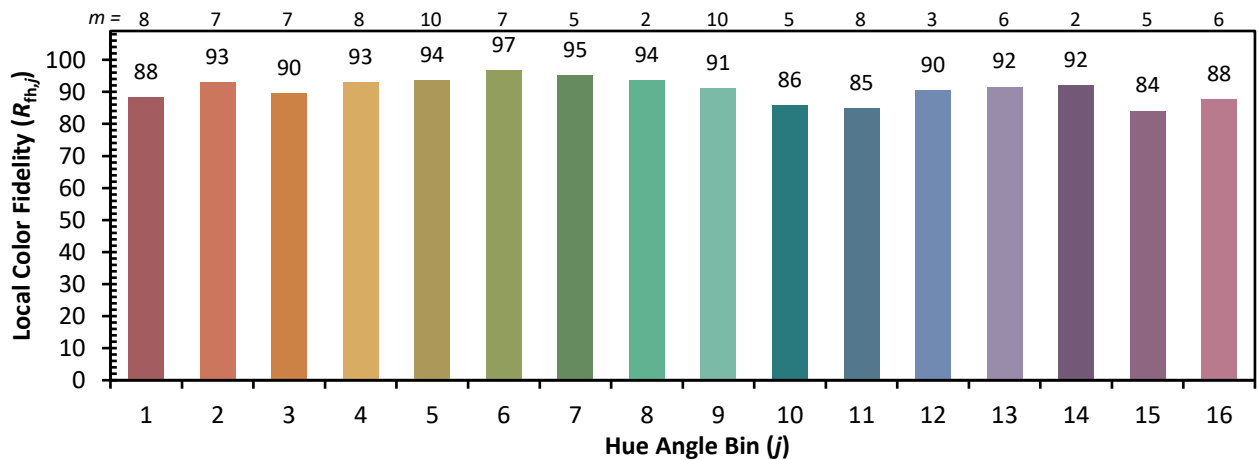
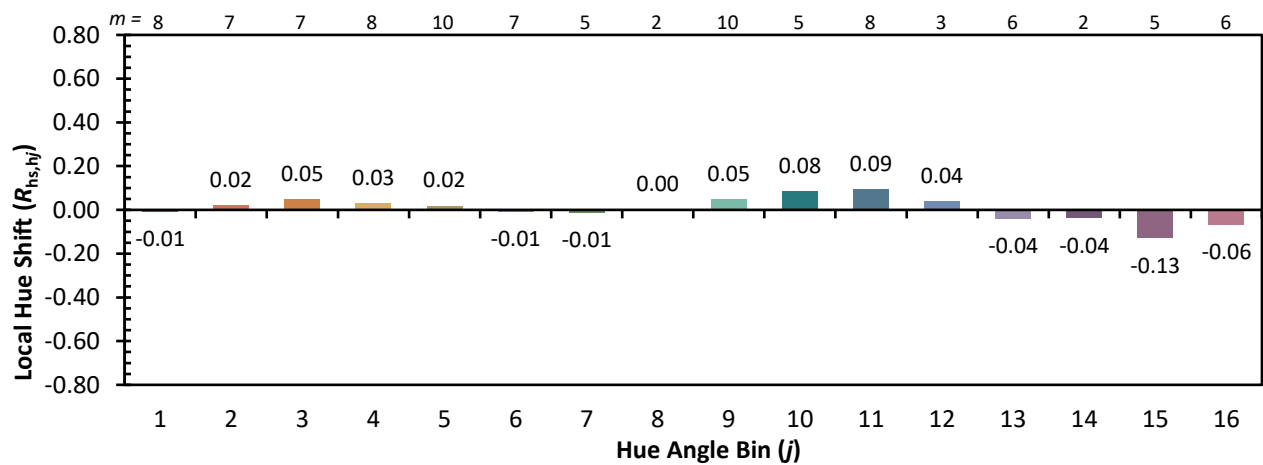
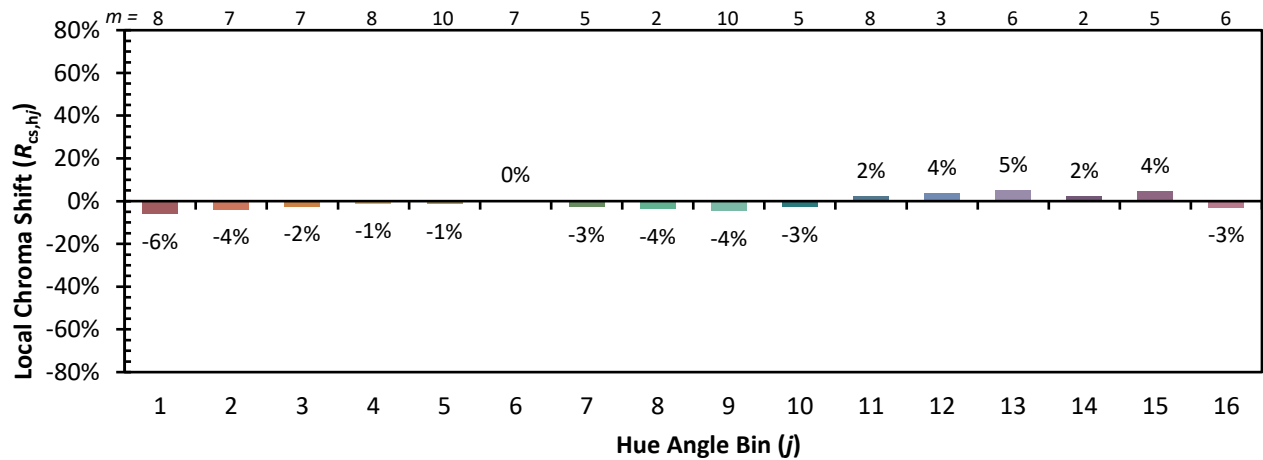


Individual Sample Fidelity Index ($R_{f,i}$)

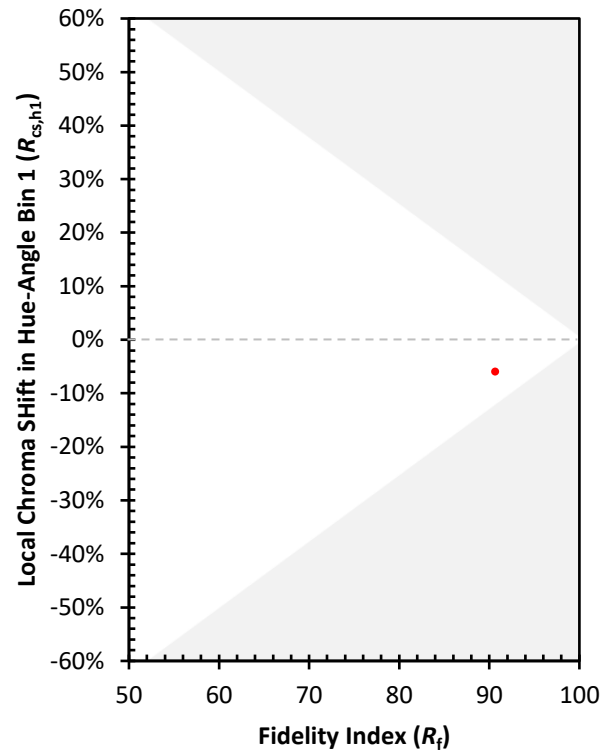
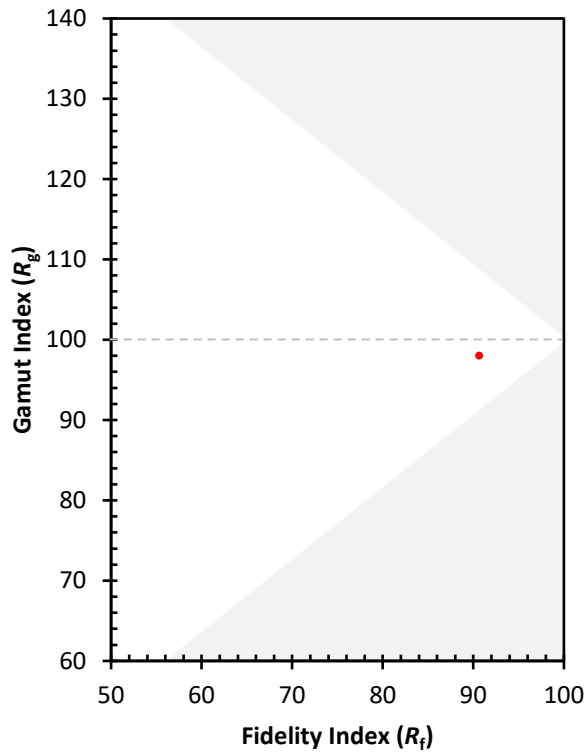
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)