

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: P1063863

Luminaire Tested: **GLAN-SA7C-950-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063863
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7C-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30499.5 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 330
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

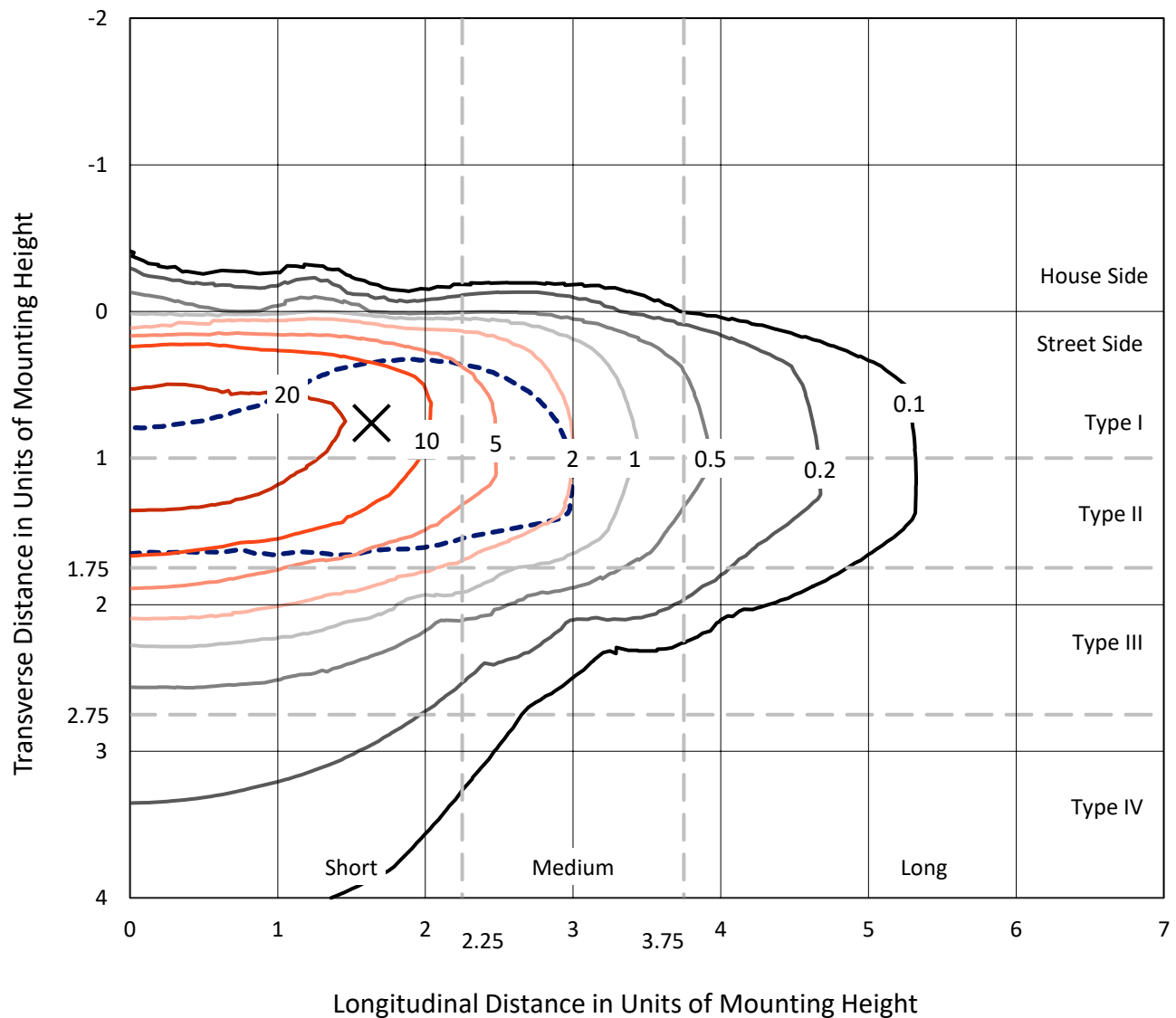


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

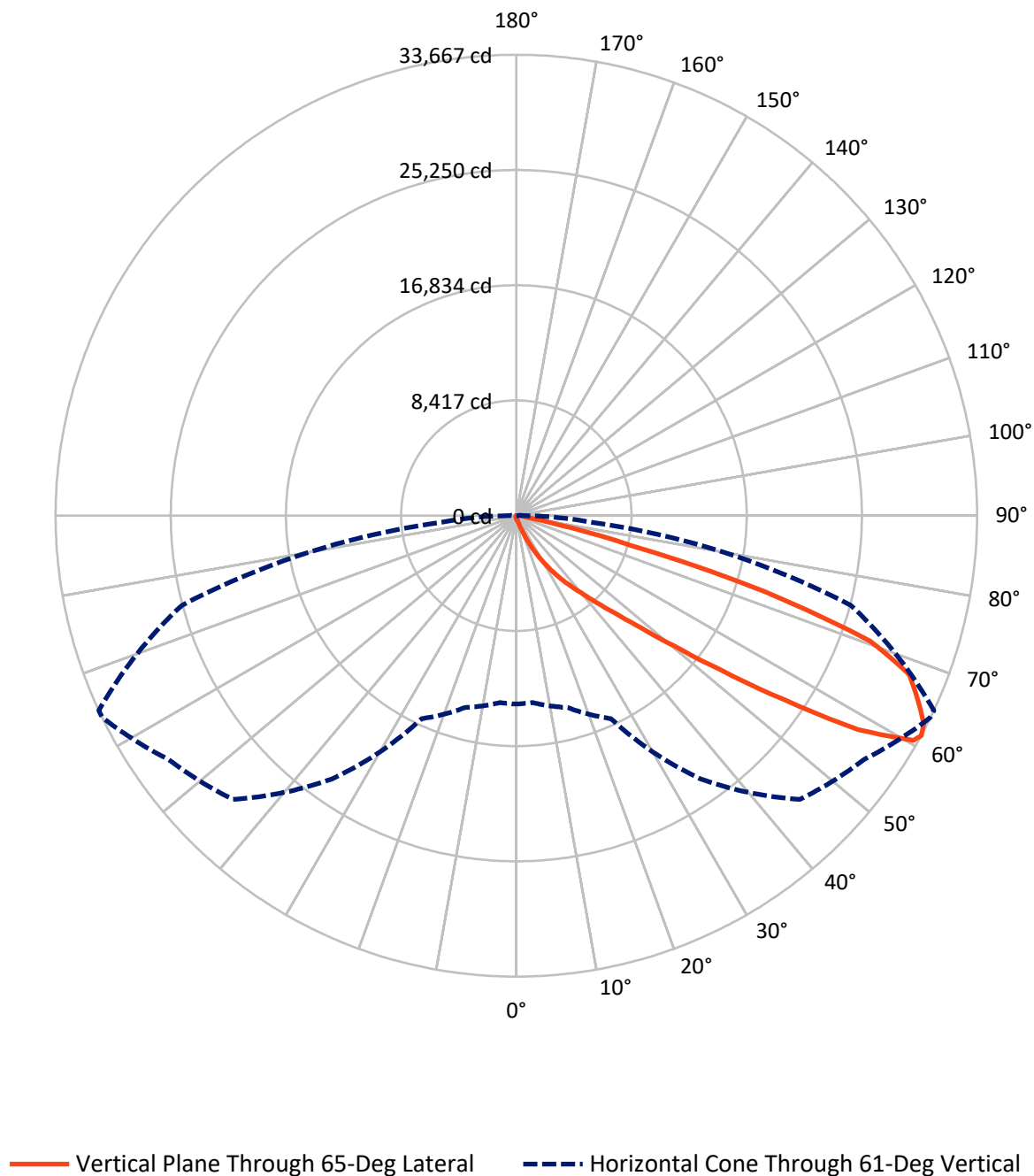


Based on 15 foot mounting height. Maximum calculated value = 40.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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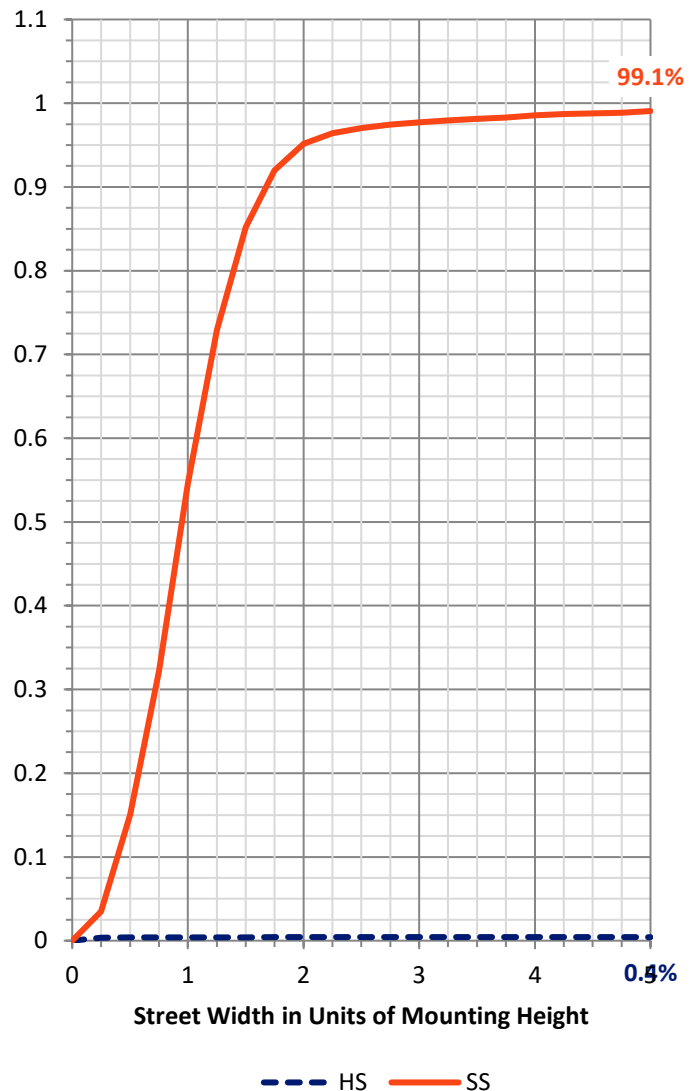
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.2	0.0	130.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30369.3	0.0	30369.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	30499.5	0.0	30499.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	0.1
10°-20°	250.8	0.8
20°-30°	900.1	3.0
30°-40°	2396.4	7.9
40°-50°	6295.3	20.6
50°-60°	9752.6	32.0
60°-70°	8177.4	26.8
70°-80°	2406.5	7.9
80°-90°	296.9	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°	30499.5	100.0
0°-180°	30499.5	100.0



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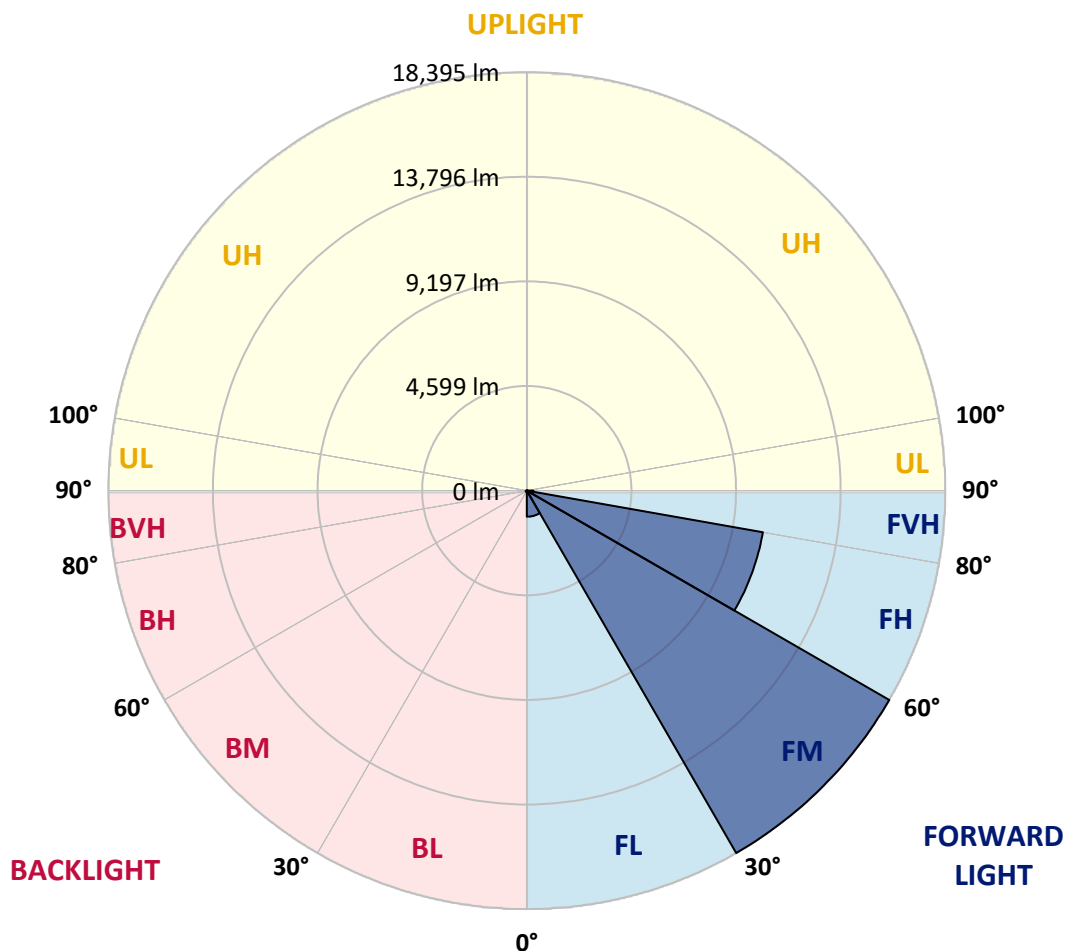
CATALOG NUMBER: GLAN-SA7C-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1145.4	3.8			
FM	(30°-60°)	18394.7	60.3			
FH	(60°-80°)	10537.9	34.6			G4/12000
FVH	(80°-90°)	291.3	1.0			G3/500
BL	(0°-30°)	29.2	0.1	B0/110		
BM	(30°-60°)	49.6	0.2	B0/220		
BH	(60°-80°)	45.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	226.6	228.7	224.5	216.1	209.8	209.8	207.7	201.4	201.4	195.1	190.9
5°	316.8	312.6	304.2	287.4	272.7	258.1	243.4	228.7	226.6	207.7	195.1
7.5°	518.2	522.4	495.1	442.7	398.6	342.0	289.5	258.1	253.9	222.4	197.2
10°	1137.1	1105.7	1042.7	839.2	690.3	520.3	386.0	300.0	295.8	239.2	201.4
12.5°	2072.9	2047.7	1932.3	1722.5	1338.5	931.5	564.4	371.4	358.8	253.9	203.5
15°	2987.6	2947.7	2884.8	2672.9	2223.9	1670.0	923.1	507.7	474.2	274.8	201.4
17.5°	3570.9	3577.2	3520.5	3430.3	3140.8	2471.5	1594.5	757.4	692.4	312.6	197.2
20°	4080.7	4066.0	4097.5	4049.2	3845.7	3359.0	2320.4	1200.1	1088.9	373.5	199.3
22.5°	4668.1	4703.8	4726.9	4716.4	4491.9	4076.5	3145.0	1795.9	1655.4	484.6	205.6
25°	5454.9	5450.7	5452.8	5425.5	5207.3	4745.8	3971.6	2536.5	2393.9	665.1	220.3
27.5°	6279.4	6304.6	6315.1	6216.5	5931.2	5478.0	4737.4	3346.4	3178.5	954.6	239.2
30°	7406.1	7385.1	7336.8	7135.4	6789.3	6227.0	5492.7	4196.1	4019.8	1359.5	268.5
32.5°	8925.1	8902.0	8658.6	8213.8	7695.6	7007.4	6252.2	5047.9	4833.9	1865.2	308.4
35°	11428.0	11463.7	10865.7	9713.9	8784.5	7945.3	7093.5	5895.5	5706.7	2488.3	363.0
37.5°	15261.1	15066.0	14254.1	12219.0	10217.4	9116.0	7897.0	6751.5	6587.8	3256.2	434.3
40°	18985.2	18792.1	18557.2	16629.1	12707.8	10406.3	9021.6	7756.4	7544.5	4122.6	539.2
42.5°	22900.1	22793.1	22782.6	21328.7	17252.2	12435.1	10374.8	8933.4	8753.0	5073.1	711.2
45°	25673.7	25566.7	25791.2	26045.1	23441.4	16782.2	12730.9	10462.9	10200.7	6227.0	986.1
47.5°	26047.2	26051.3	26651.4	27446.5	28040.3	23506.4	15869.6	12489.6	12170.7	7878.1	1447.6
50°	24805.1	24853.4	25808.0	27230.4	28829.2	29148.1	21404.2	15431.1	14959.0	9835.6	2102.2
52.5°	22440.6	22495.2	23825.3	26164.6	28103.2	30503.4	27920.7	19278.9	18735.5	12277.7	3025.4
55°	20311.1	20344.7	21870.0	24826.1	27228.3	29767.0	31789.5	24417.0	23703.6	15282.1	3935.9
57.5°	18202.6	18125.0	19117.3	22501.5	27079.4	28862.7	32360.2	30272.6	29485.8	18565.5	4645.1
60°	15382.8	15252.7	16050.0	18202.6	25119.8	29456.5	31292.2	33512.0	33333.6	23137.2	5192.6
61°	13761.0	13706.5	14507.9	16354.2	23470.8	29305.4	31036.3	33648.3	33667.2	25300.3	5438.1
62.5°	9827.2	9982.5	11207.7	13607.9	19658.6	28325.6	31069.9	33226.6	33413.4	28174.6	6073.8
65°	4368.1	4617.8	5570.3	7523.6	11432.2	23563.1	30771.9	32301.4	32209.1	28963.4	8264.2
67.5°	2591.1	2628.8	3103.0	4263.2	6054.9	12674.3	27154.9	31078.2	30954.5	25214.2	10282.5
70°	2041.4	2060.3	2211.3	2675.0	3514.2	4854.9	15498.2	26888.5	27427.7	20445.4	10066.4
72.5°	1936.5	1932.3	1953.3	2035.1	2213.4	2408.5	6000.4	17873.2	18970.5	14724.0	8440.4
75°	1911.3	1902.9	1881.9	1850.5	1602.9	1418.3	1858.9	7905.4	8541.1	10060.1	6355.0
77.5°	1854.7	1856.8	1861.0	1774.9	1374.2	1002.9	900.1	2536.5	3119.8	6384.3	4517.1
80°	1254.6	1273.5	1305.0	1271.4	1235.7	725.9	635.7	902.2	914.7	3583.5	2983.4
82.5°	635.7	635.7	621.0	553.9	478.4	472.1	505.6	654.6	663.0	1812.7	1403.6
85°	383.9	404.9	413.3	375.5	344.1	316.8	386.0	520.3	539.2	702.8	327.3
87.5°	86.0	88.1	96.5	128.0	186.7	253.9	358.8	476.3	484.6	451.1	39.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GLAN-SA7C-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	188.8	184.6	182.5	176.2	169.9	163.6	159.5	157.4	159.5	161.5	161.5
5°	186.7	180.4	169.9	159.5	151.1	142.7	134.3	132.2	132.2	134.3	134.3
7.5°	186.7	176.2	161.5	149.0	136.4	123.8	117.5	113.3	115.4	115.4	115.4
10°	186.7	174.1	155.3	136.4	121.7	107.0	96.5	92.3	92.3	92.3	92.3
12.5°	184.6	172.0	149.0	125.9	104.9	88.1	75.5	69.2	71.3	71.3	71.3
15°	180.4	165.7	140.6	107.0	83.9	67.1	54.5	48.3	50.4	54.5	56.6
17.5°	174.1	159.5	125.9	90.2	67.1	50.4	37.8	33.6	35.7	42.0	42.0
20°	172.0	153.2	111.2	73.4	50.4	35.7	25.2	21.0	23.1	31.5	33.6
22.5°	172.0	149.0	100.7	60.8	37.8	23.1	14.7	8.4	8.4	14.7	14.7
25°	174.1	146.9	92.3	50.4	27.3	16.8	8.4	4.2	8.4	23.1	27.3
27.5°	178.3	144.8	88.1	42.0	21.0	14.7	6.3	14.7	25.2	25.2	25.2
30°	182.5	140.6	81.8	35.7	18.9	10.5	10.5	21.0	21.0	25.2	27.3
32.5°	188.8	138.5	77.6	31.5	14.7	8.4	14.7	12.6	12.6	14.7	16.8
35°	201.4	140.6	73.4	31.5	14.7	10.5	12.6	6.3	4.2	4.2	4.2
37.5°	218.2	142.7	67.1	27.3	12.6	12.6	6.3	0.0	0.0	0.0	0.0
40°	245.5	149.0	62.9	25.2	10.5	10.5	2.1	0.0	0.0	0.0	0.0
42.5°	291.6	161.5	60.8	23.1	10.5	8.4	0.0	0.0	0.0	0.0	0.0
45°	383.9	190.9	56.6	21.0	10.5	4.2	0.0	0.0	0.0	0.0	0.0
47.5°	551.8	260.2	54.5	16.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	805.6	352.5	52.5	14.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1028.0	371.4	35.7	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1053.2	256.0	27.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	839.2	165.7	23.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	635.7	125.9	21.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	610.5	113.3	21.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	673.5	98.6	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1095.2	81.8	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1902.9	71.3	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2404.4	67.1	12.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2095.9	60.8	12.6	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1260.9	52.5	12.6	8.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	660.9	39.9	12.6	10.5	6.3	2.1	0.0	0.0	0.0	0.0	0.0
80°	321.0	35.7	14.7	10.5	8.4	4.2	0.0	0.0	0.0	0.0	0.0
82.5°	125.9	29.4	16.8	14.7	10.5	6.3	2.1	0.0	0.0	0.0	0.0
85°	56.6	25.2	18.9	16.8	14.7	8.4	2.1	0.0	0.0	0.0	0.0
87.5°	29.4	23.1	21.0	18.9	14.7	10.5	4.2	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

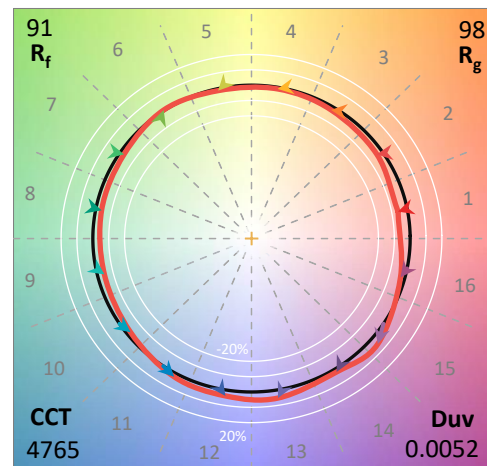
Test Information

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

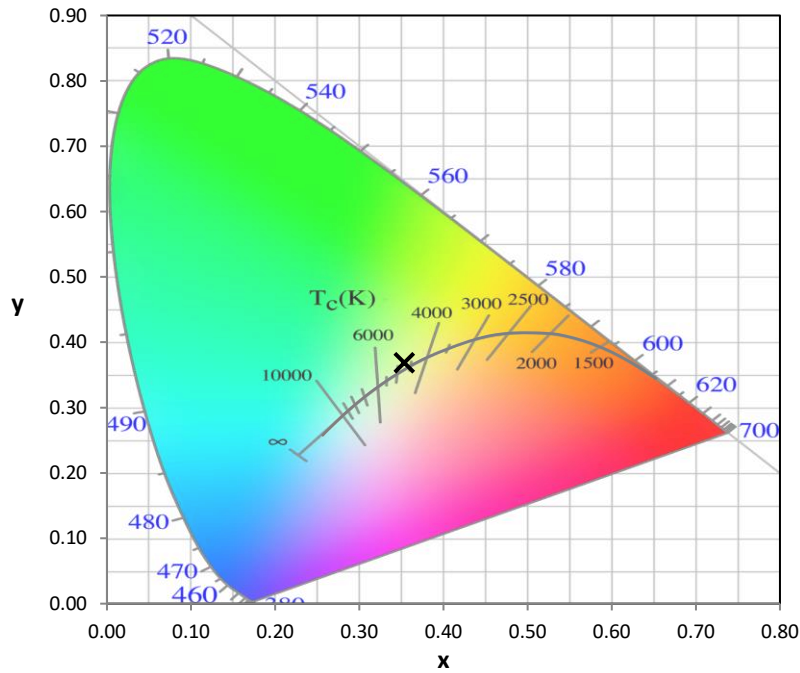
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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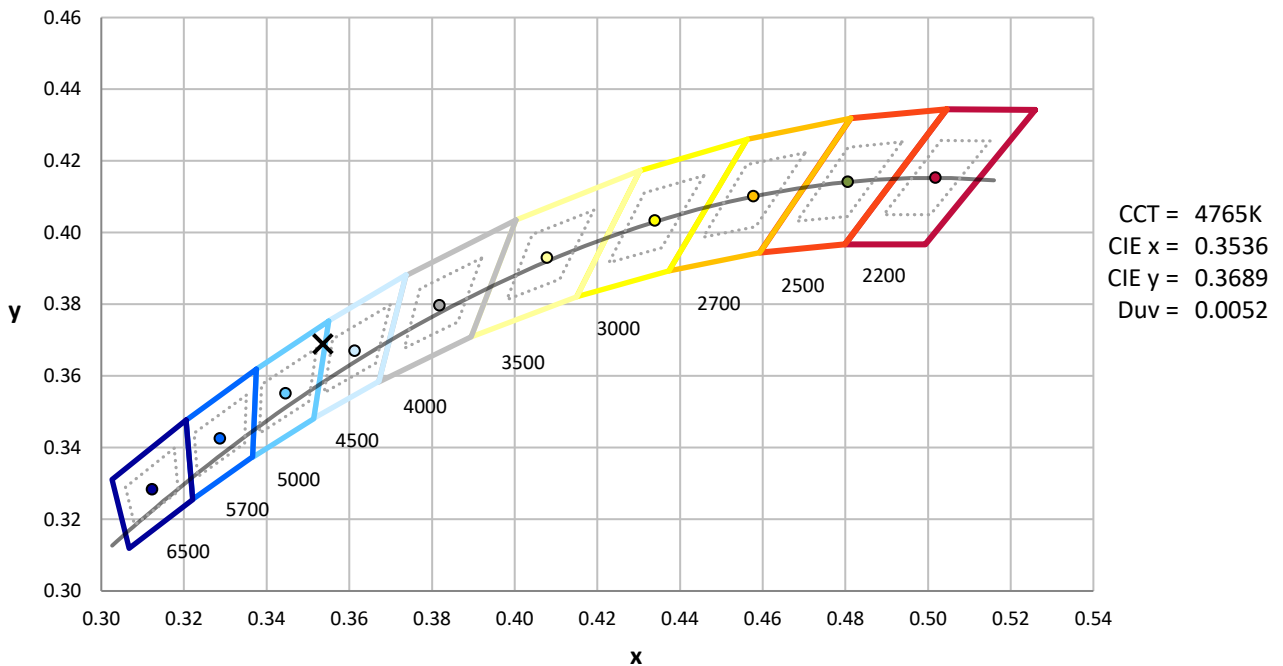
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



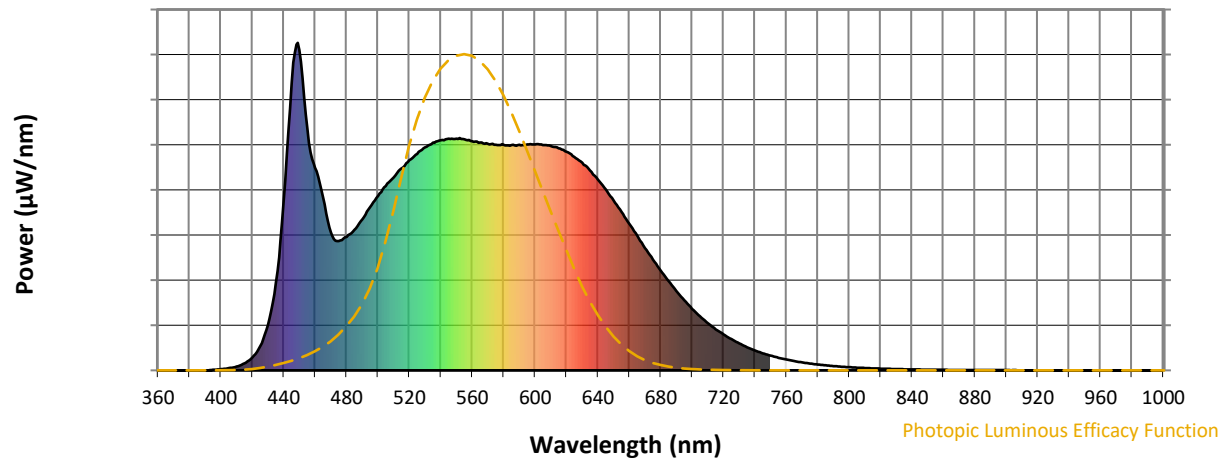
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

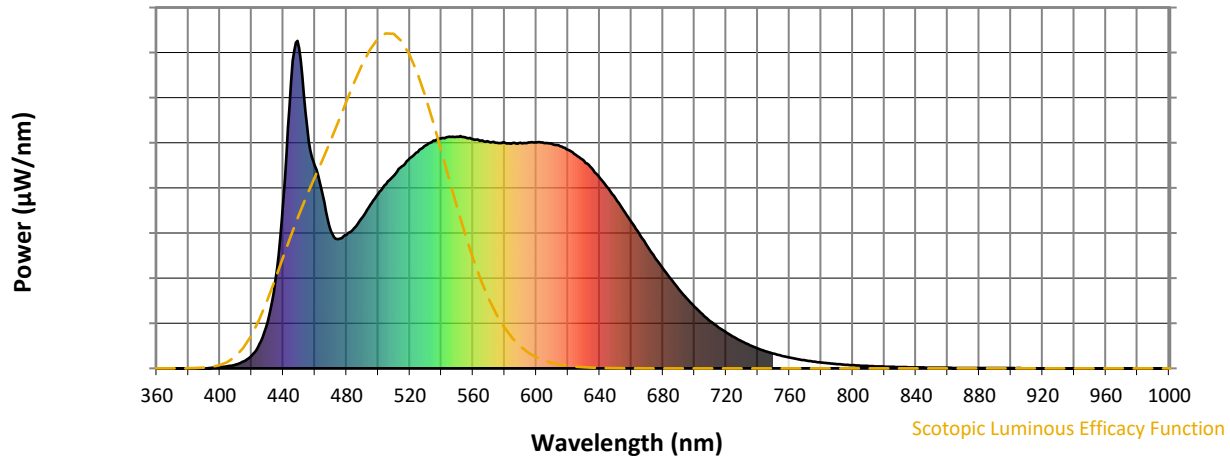


Photopic Lumens: NR

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



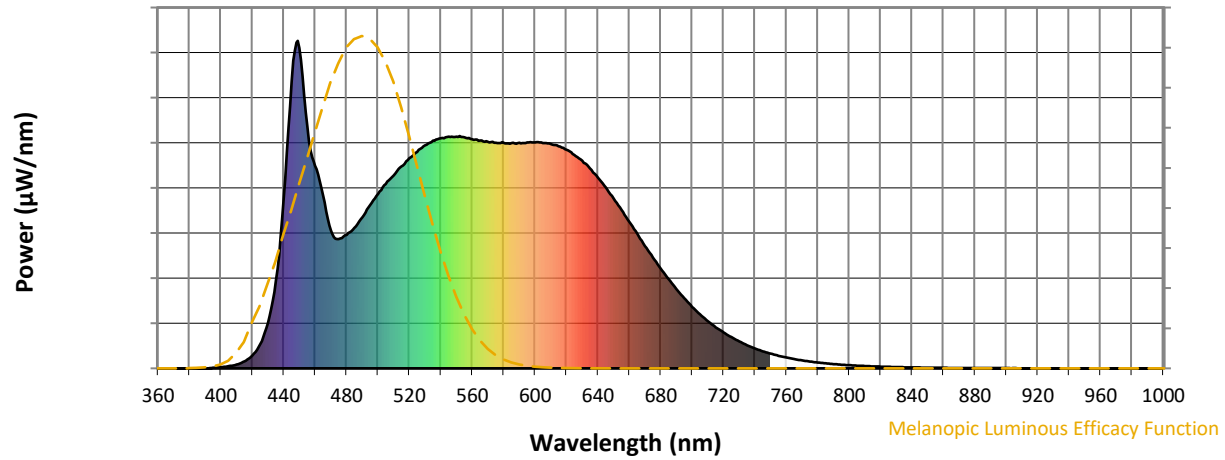
Scotopic Lumens: NR

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

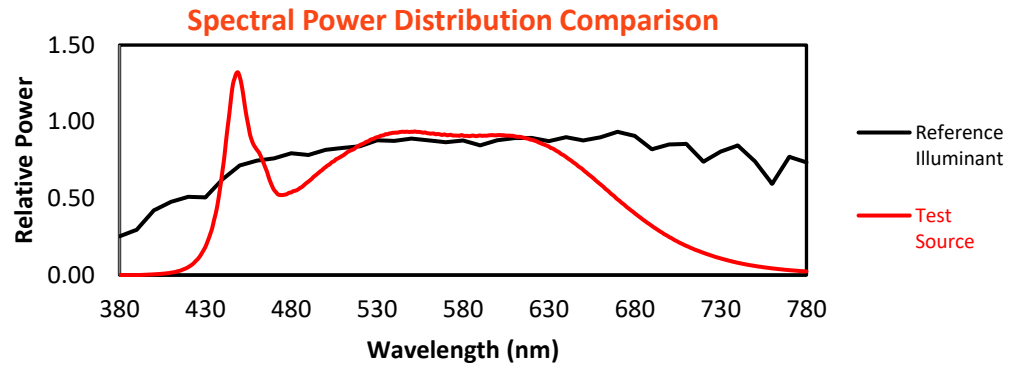
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	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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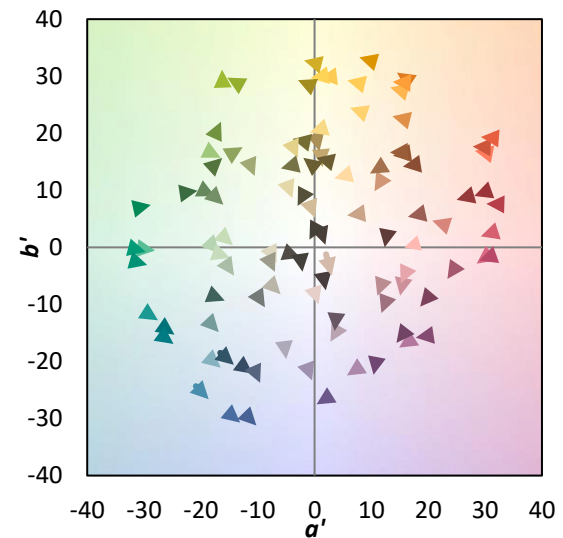
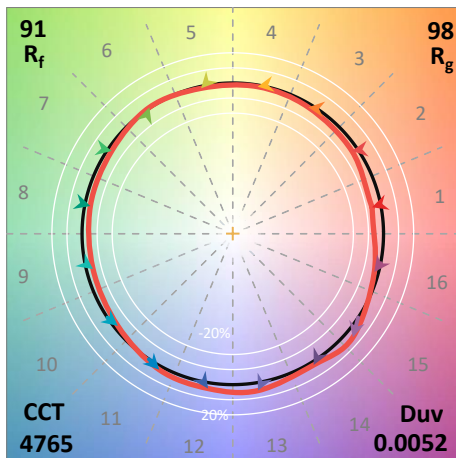
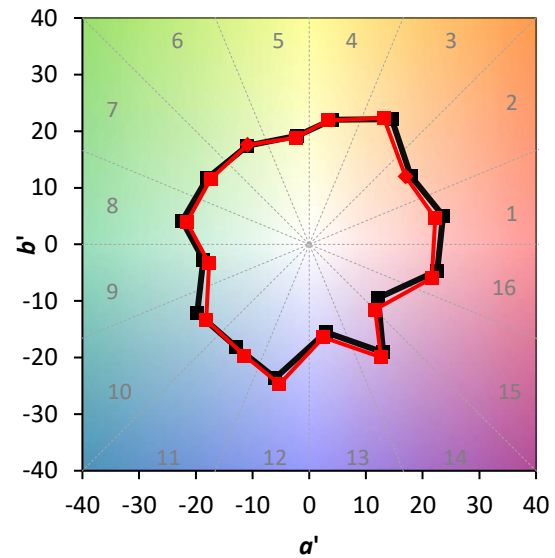
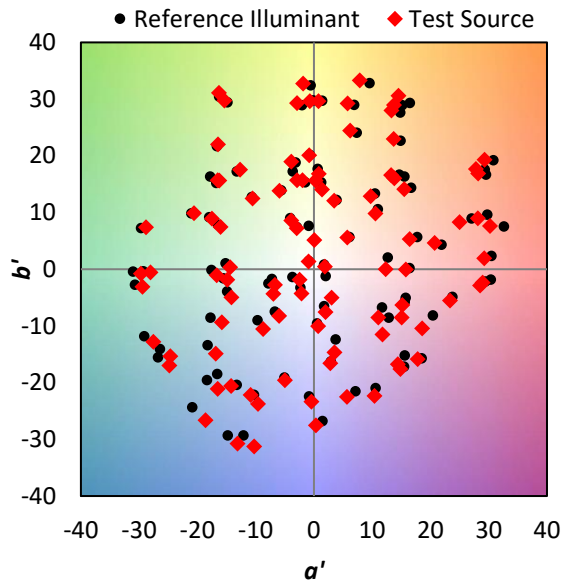
TM-30-18

Summary

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

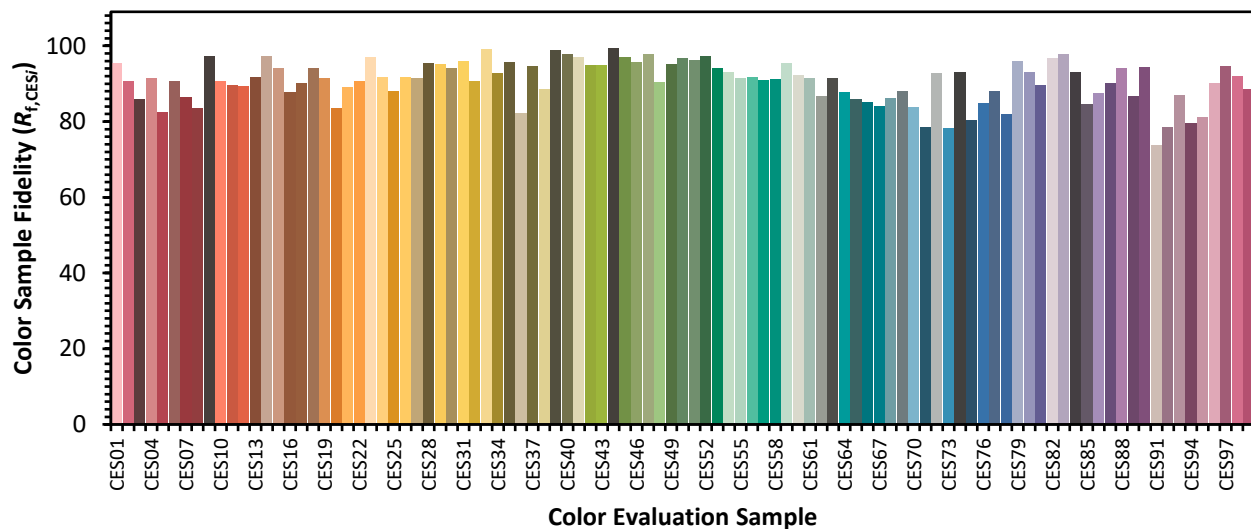


Color Vector Graphics

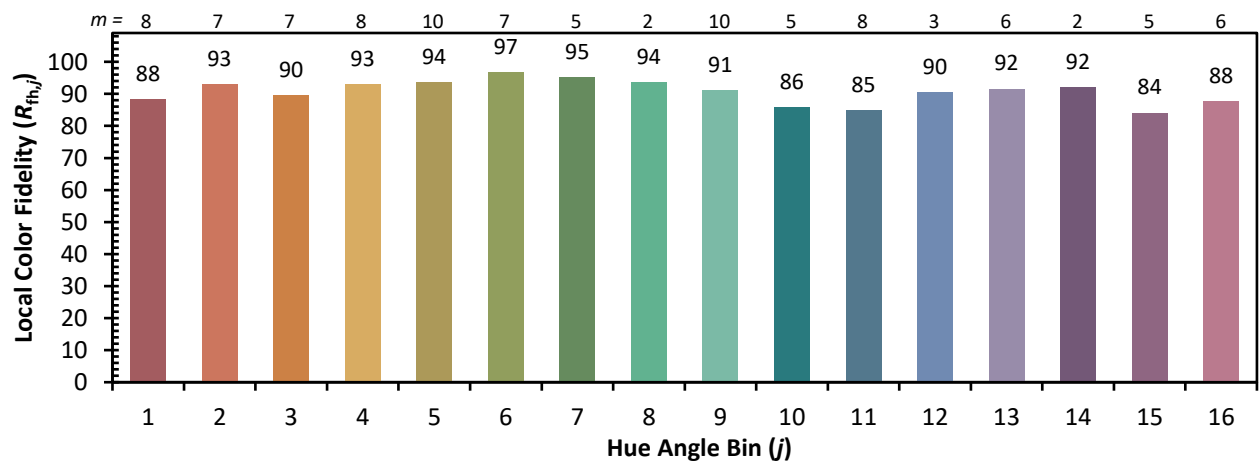
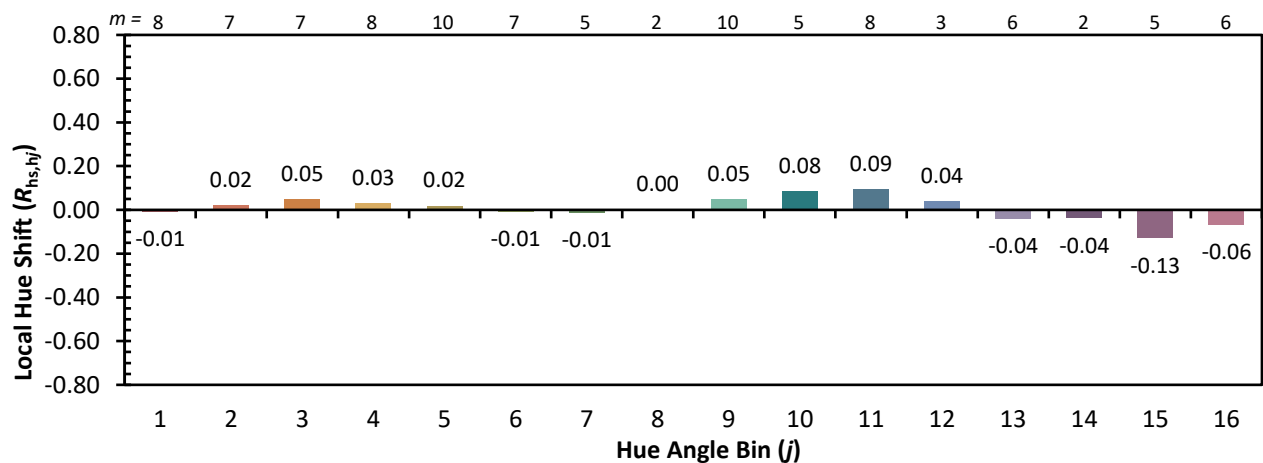
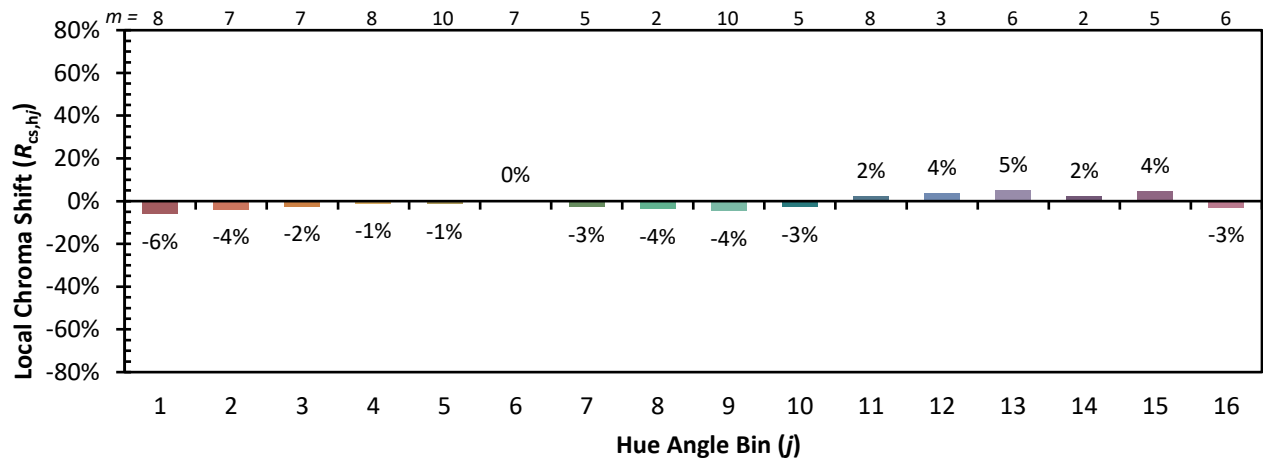


Individual Sample Fidelity Index ($R_{f,i}$)

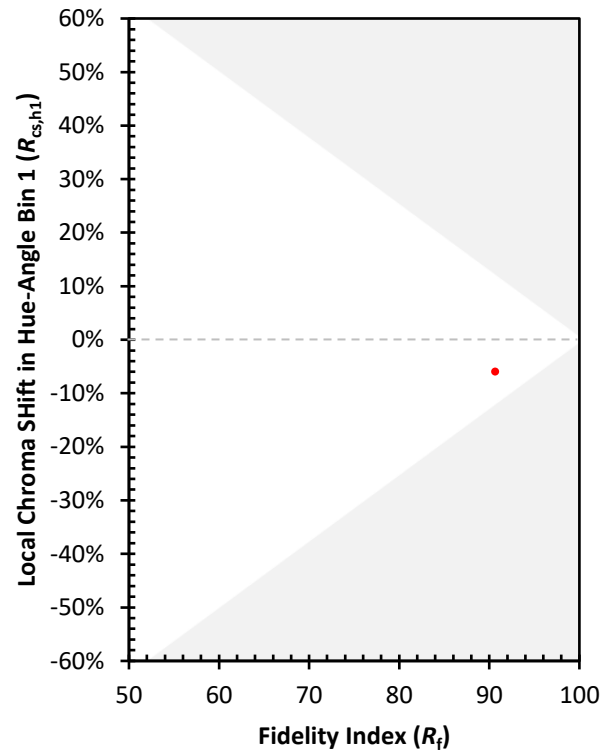
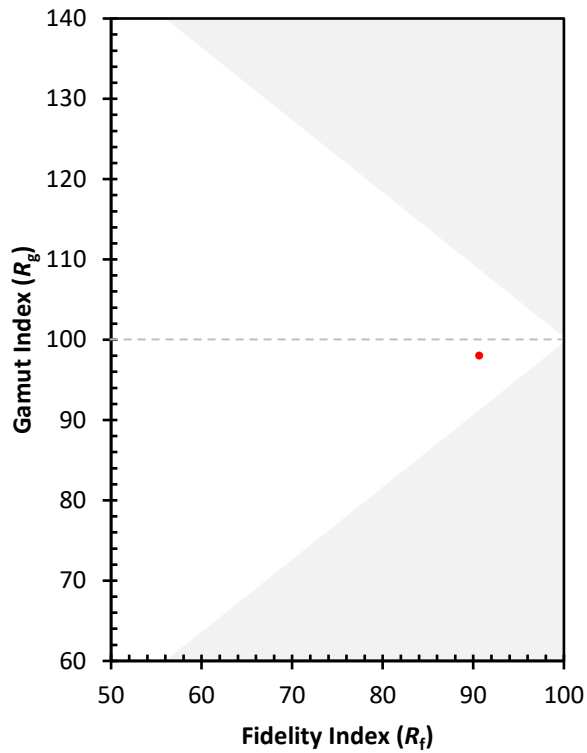
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 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)