

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: McGRAW-EDISON

Report Number: P1048234

Luminaire Tested: **GALN-SA9B-950-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048234
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31265.7 lumens
Efficiency: N/A
Efficacy: 100.0 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): 312.7
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



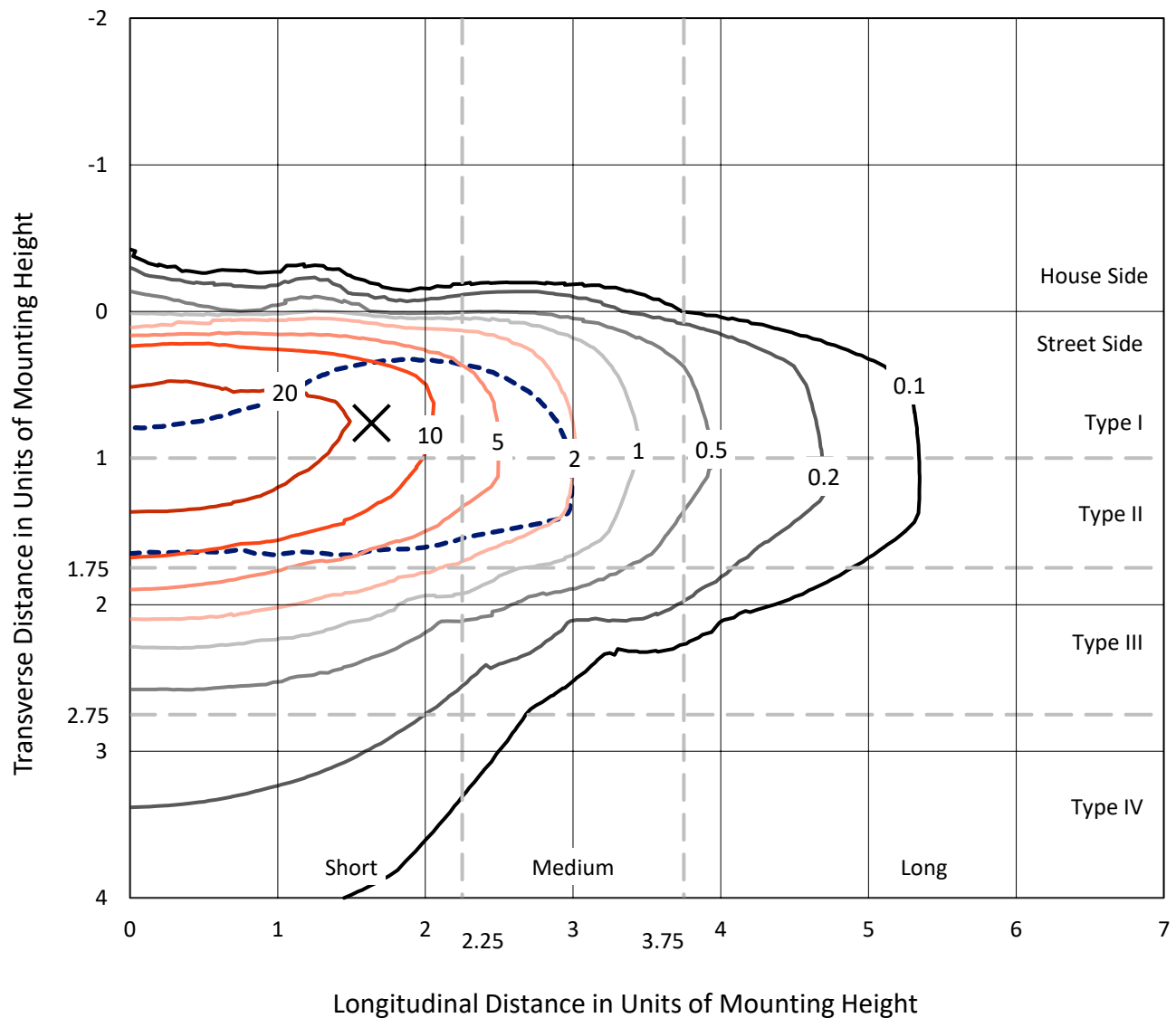
REPORT NUMBER: P1048234

CATALOG NUMBER: GALN-SA9B-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

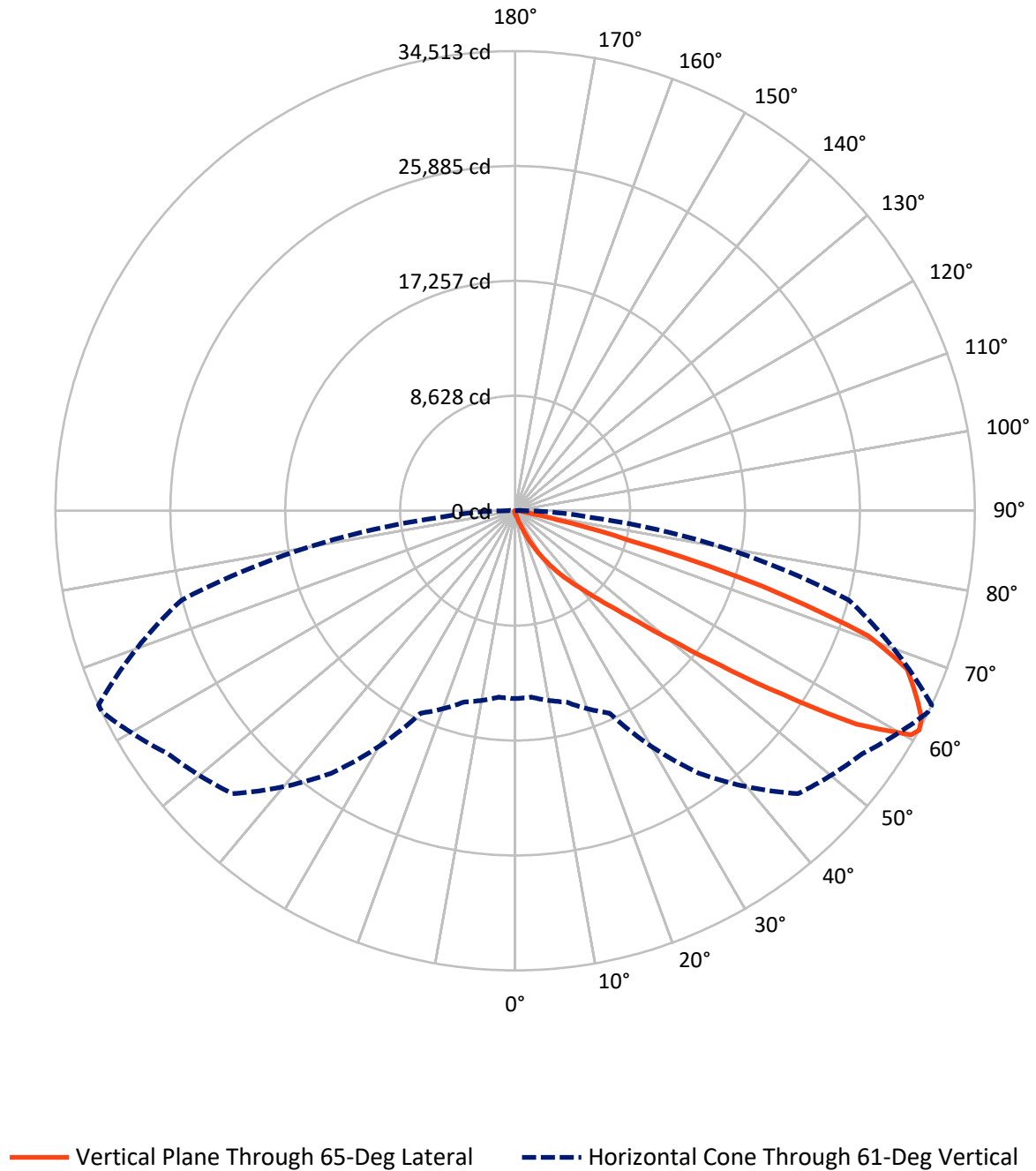


Based on 15 foot mounting height. Maximum calculated value = 41.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1048234

CATALOG NUMBER: GALN-SA9B-950-U-T2BC

Luminous Intensity Polar Plot



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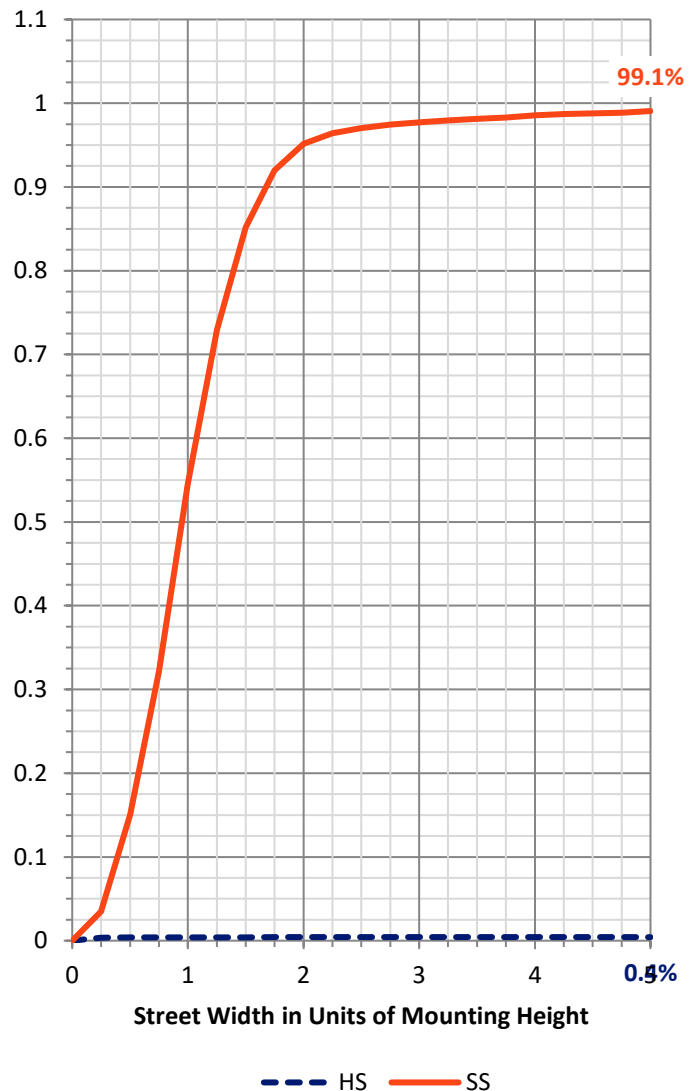
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	133.5	0.0	133.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31132.2	0.0	31132.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	31265.7	0.0	31265.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	0.1
10°-20°	257.1	0.8
20°-30°	922.7	3.0
30°-40°	2456.6	7.9
40°-50°	6453.4	20.6
50°-60°	9997.6	32.0
60°-70°	8382.8	26.8
70°-80°	2466.9	7.9
80°-90°	304.3	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°	31265.7	100.0
0°-180°	31265.7	100.0



REPORT NUMBER: P1048234

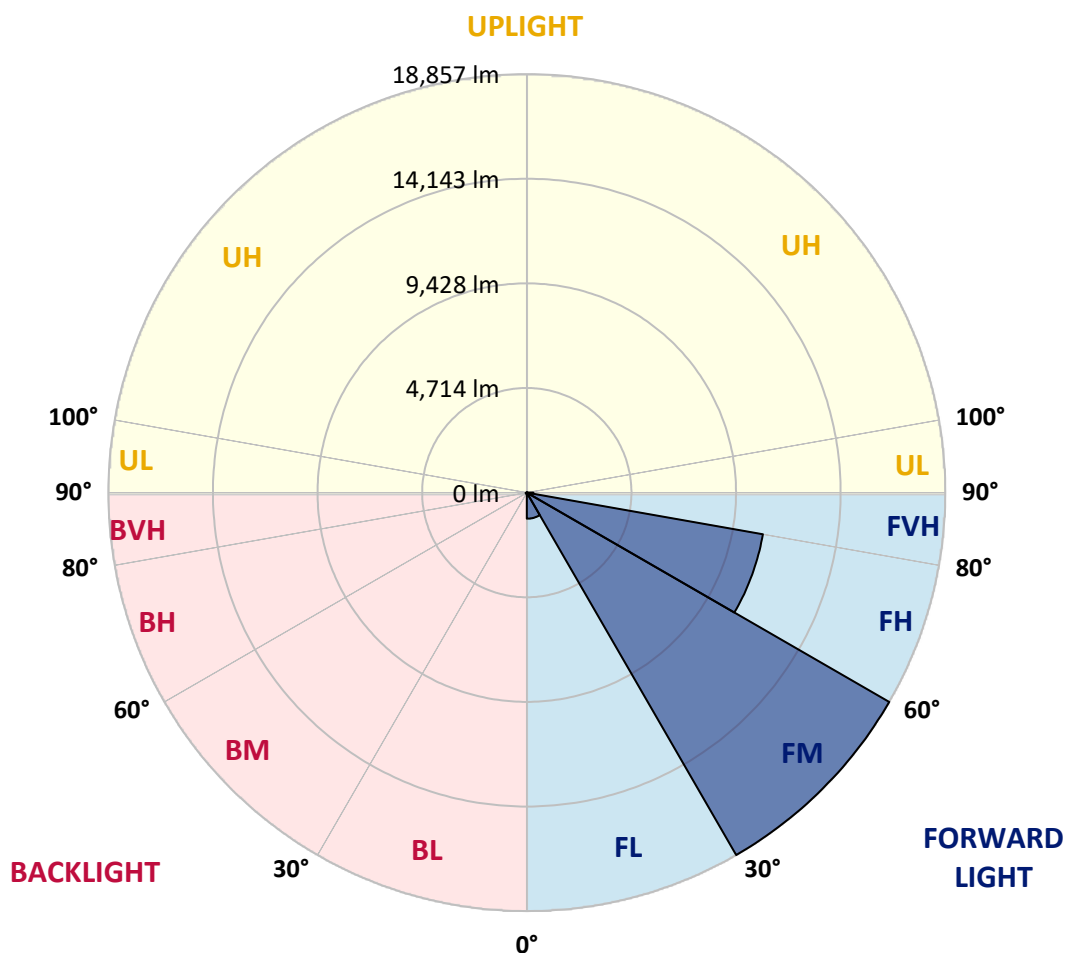
CATALOG NUMBER: GALN-SA9B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1174.2	3.8			
FM	(30°-60°)	18856.7	60.3			
FH	(60°-80°)	10802.6	34.6			G4/12000
FVH	(80°-90°)	298.7	1.0			G3/500
BL	(0°-30°)	29.9	0.1	B0/110		
BM	(30°-60°)	50.8	0.2	B0/220		
BH	(60°-80°)	47.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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



REPORT NUMBER: P1048234

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4
2.5°	232.3	234.4	230.1	221.5	215.1	215.1	212.9	206.5	206.5	200.0	195.7
5°	324.8	320.5	311.9	294.7	279.6	264.5	249.5	234.4	232.3	212.9	200.0
7.5°	531.2	535.5	507.6	453.8	408.6	350.6	296.8	264.5	260.2	228.0	202.2
10°	1165.7	1133.4	1068.9	860.3	707.6	533.4	395.7	307.6	303.3	245.2	206.5
12.5°	2124.9	2099.1	1980.8	1765.8	1372.2	954.9	578.6	380.7	367.8	260.2	208.6
15°	3062.7	3021.8	2957.3	2740.0	2279.8	1712.0	946.3	520.5	486.1	281.7	206.5
17.5°	3660.6	3667.0	3608.9	3516.5	3219.7	2533.6	1634.6	776.4	709.7	320.5	202.2
20°	4183.2	4168.1	4200.4	4150.9	3942.3	3443.3	2378.7	1230.2	1116.2	382.8	204.3
22.5°	4785.4	4822.0	4845.6	4834.9	4604.7	4178.9	3224.0	1841.0	1696.9	496.8	210.8
25°	5591.9	5587.6	5589.8	5561.8	5338.1	4865.0	4071.4	2600.2	2454.0	681.8	225.8
27.5°	6437.2	6463.0	6473.7	6372.7	6080.2	5615.6	4856.4	3430.4	3258.4	978.6	245.2
30°	7592.1	7570.6	7521.2	7314.7	6959.8	6383.4	5630.6	4301.5	4120.8	1393.7	275.3
32.5°	9149.3	9125.6	8876.1	8420.2	7888.9	7183.5	6409.2	5174.7	4955.3	1912.0	316.2
35°	11715.1	11751.7	11138.7	9957.9	9005.2	8144.9	7271.7	6043.6	5850.0	2550.8	372.1
37.5°	15644.5	15444.5	14612.2	12525.9	10474.1	9345.0	8095.4	6921.1	6753.3	3338.0	445.2
40°	19462.1	19264.2	19023.3	17046.8	13027.1	10667.7	9248.2	7951.3	7734.1	4226.2	552.7
42.5°	23475.4	23365.7	23354.9	21864.5	17685.6	12747.5	10635.4	9157.9	8972.9	5200.5	729.1
45°	26318.6	26209.0	26439.1	26699.3	24030.3	17203.8	13050.7	10725.8	10456.9	6383.4	1010.8
47.5°	26701.5	26705.8	27320.9	28136.0	28744.7	24096.9	16268.2	12803.4	12476.5	8076.0	1484.0
50°	25428.2	25477.7	26456.3	27914.5	29553.4	29880.3	21941.9	15818.7	15334.8	10082.7	2155.0
52.5°	23004.4	23060.3	24423.8	26821.9	28809.2	31269.7	28622.1	19763.2	19206.1	12586.2	3101.4
55°	20821.3	20855.8	22419.4	25449.7	27912.3	30514.7	32588.1	25030.4	24299.1	15666.0	4034.8
57.5°	18659.9	18580.3	19597.6	23066.7	27759.6	29587.8	33173.1	31033.1	30226.5	19031.9	4761.7
60°	15769.3	15635.9	16453.2	18659.9	25750.9	30196.4	32078.3	34353.8	34171.0	23718.4	5323.1
61°	14106.7	14050.8	14872.4	16765.0	24060.4	30041.6	31815.9	34493.6	34513.0	25935.8	5574.7
62.5°	10074.1	10233.2	11489.3	13949.7	20152.5	29037.2	31850.4	34061.3	34252.7	28882.3	6226.4
65°	4477.8	4733.8	5710.2	7712.6	11719.4	24155.0	31545.0	33112.8	33018.2	29691.0	8471.8
67.5°	2656.2	2694.9	3180.9	4370.3	6207.0	12992.6	27837.1	31859.0	31732.1	25847.6	10540.8
70°	2092.7	2112.0	2266.9	2742.2	3602.5	4976.8	15887.5	27563.9	28116.7	20959.0	10319.3
72.5°	1985.1	1980.8	2002.3	2086.2	2269.0	2469.1	6151.1	18322.2	19447.0	15093.9	8652.4
75°	1959.3	1950.7	1929.2	1897.0	1643.2	1453.9	1905.6	8104.0	8755.7	10312.8	6514.6
77.5°	1901.3	1903.4	1907.7	1819.5	1408.7	1028.1	922.7	2600.2	3198.2	6544.7	4630.6
80°	1286.1	1305.5	1337.8	1303.4	1266.8	744.2	651.7	924.8	937.7	3673.5	3058.4
82.5°	651.7	651.7	636.6	567.8	490.4	483.9	518.3	671.0	679.6	1858.2	1438.8
85°	393.6	415.1	423.7	385.0	352.7	324.8	395.7	533.4	552.7	720.5	335.5
87.5°	88.2	90.3	98.9	131.2	191.4	260.2	367.8	488.2	496.8	462.4	40.9
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: P1048234

CATALOG NUMBER: GALN-SA9B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4
2.5°	193.6	189.3	187.1	180.7	174.2	167.8	163.5	161.3	163.5	165.6	165.6
5°	191.4	185.0	174.2	163.5	154.9	146.3	137.6	135.5	135.5	137.6	137.6
7.5°	191.4	180.7	165.6	152.7	139.8	126.9	120.4	116.1	118.3	118.3	118.3
10°	191.4	178.5	159.2	139.8	124.7	109.7	98.9	94.6	94.6	94.6	94.6
12.5°	189.3	176.4	152.7	129.0	107.5	90.3	77.4	71.0	73.1	73.1	73.1
15°	185.0	169.9	144.1	109.7	86.0	68.8	55.9	49.5	51.6	55.9	58.1
17.5°	178.5	163.5	129.0	92.5	68.8	51.6	38.7	34.4	36.6	43.0	43.0
20°	176.4	157.0	114.0	75.3	51.6	36.6	25.8	21.5	23.7	32.3	34.4
22.5°	176.4	152.7	103.2	62.4	38.7	23.7	15.1	8.6	8.6	15.1	15.1
25°	178.5	150.6	94.6	51.6	28.0	17.2	8.6	4.3	8.6	23.7	28.0
27.5°	182.8	148.4	90.3	43.0	21.5	15.1	6.5	15.1	25.8	25.8	25.8
30°	187.1	144.1	83.9	36.6	19.4	10.8	10.8	21.5	21.5	25.8	28.0
32.5°	193.6	141.9	79.6	32.3	15.1	8.6	15.1	12.9	12.9	15.1	17.2
35°	206.5	144.1	75.3	32.3	15.1	10.8	12.9	6.5	4.3	4.3	4.3
37.5°	223.7	146.3	68.8	28.0	12.9	12.9	6.5	0.0	0.0	0.0	0.0
40°	251.6	152.7	64.5	25.8	10.8	10.8	2.2	0.0	0.0	0.0	0.0
42.5°	299.0	165.6	62.4	23.7	10.8	8.6	0.0	0.0	0.0	0.0	0.0
45°	393.6	195.7	58.1	21.5	10.8	4.3	0.0	0.0	0.0	0.0	0.0
47.5°	565.6	266.7	55.9	17.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	825.9	361.3	53.8	15.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1053.9	380.7	36.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1079.7	262.4	28.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	860.3	169.9	23.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	651.7	129.0	21.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	625.9	116.1	21.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	690.4	101.1	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1122.7	83.9	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1950.7	73.1	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2464.8	68.8	12.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2148.6	62.4	12.9	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	1292.6	53.8	12.9	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	677.5	40.9	12.9	10.8	6.5	2.2	0.0	0.0	0.0	0.0	0.0
80°	329.1	36.6	15.1	10.8	8.6	4.3	0.0	0.0	0.0	0.0	0.0
82.5°	129.0	30.1	17.2	15.1	10.8	6.5	2.2	0.0	0.0	0.0	0.0
85°	58.1	25.8	19.4	17.2	15.1	8.6	2.2	0.0	0.0	0.0	0.0
87.5°	30.1	23.7	21.5	19.4	15.1	10.8	4.3	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

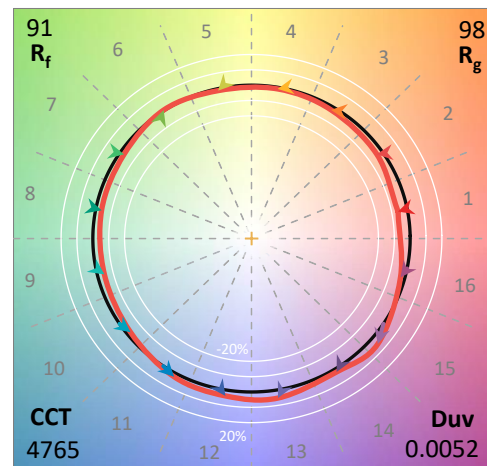
Test Information

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

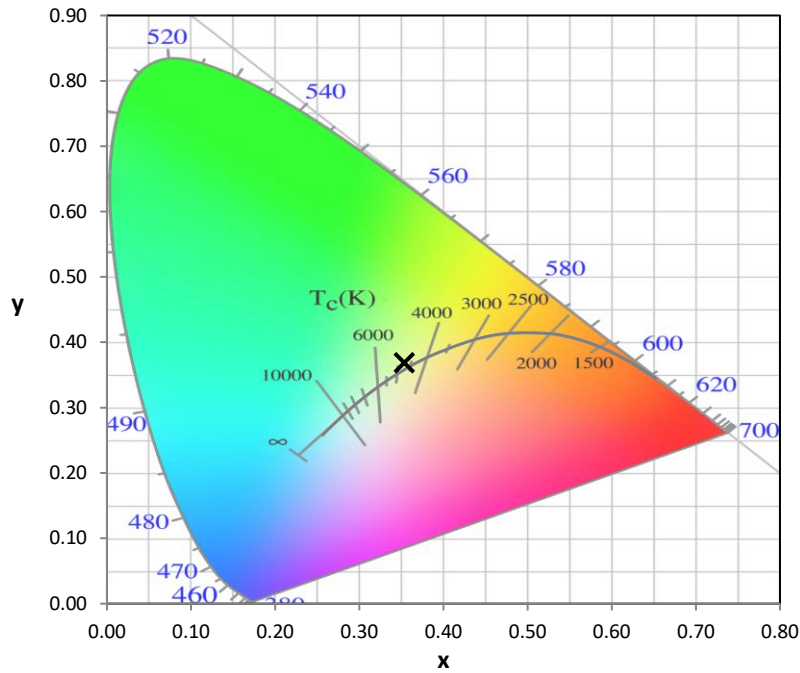
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

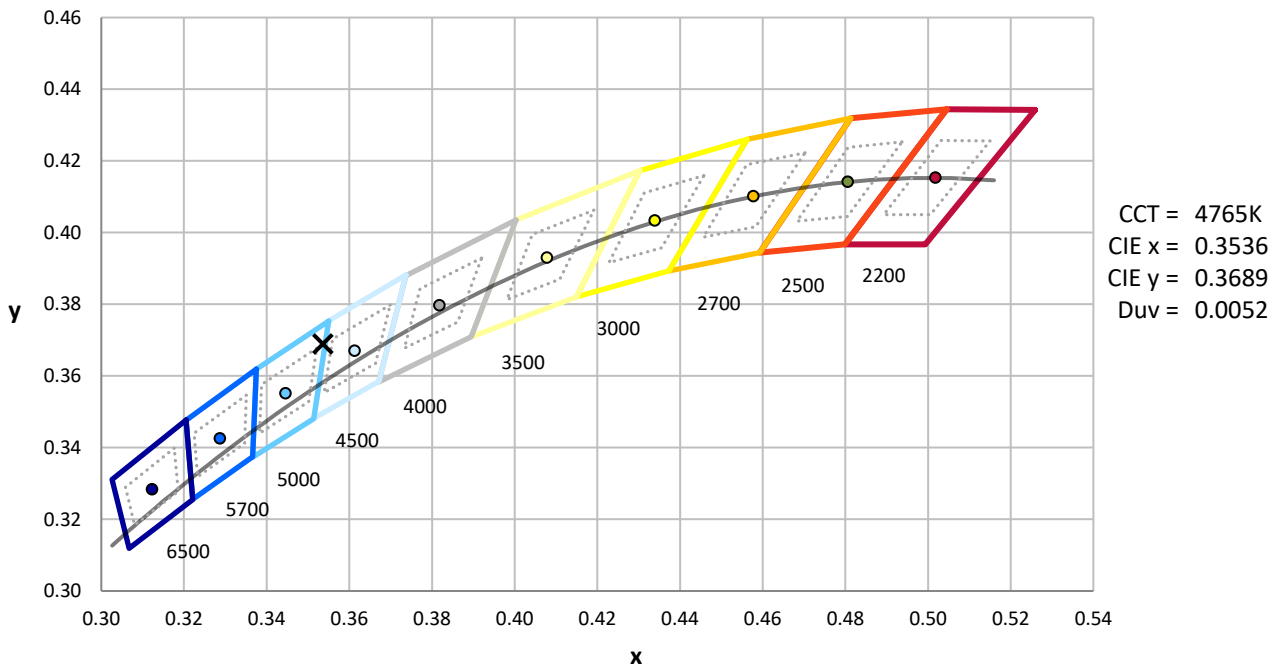
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



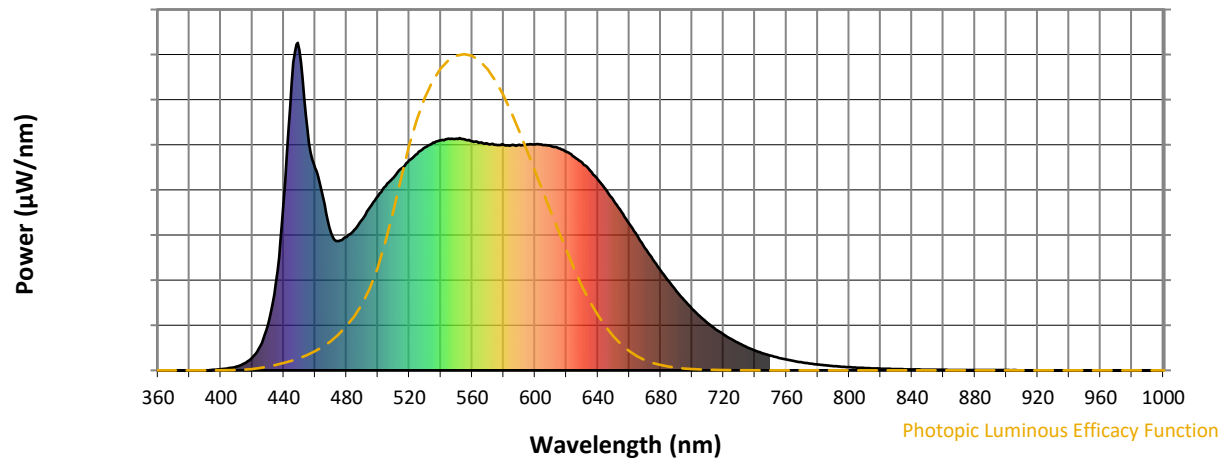
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

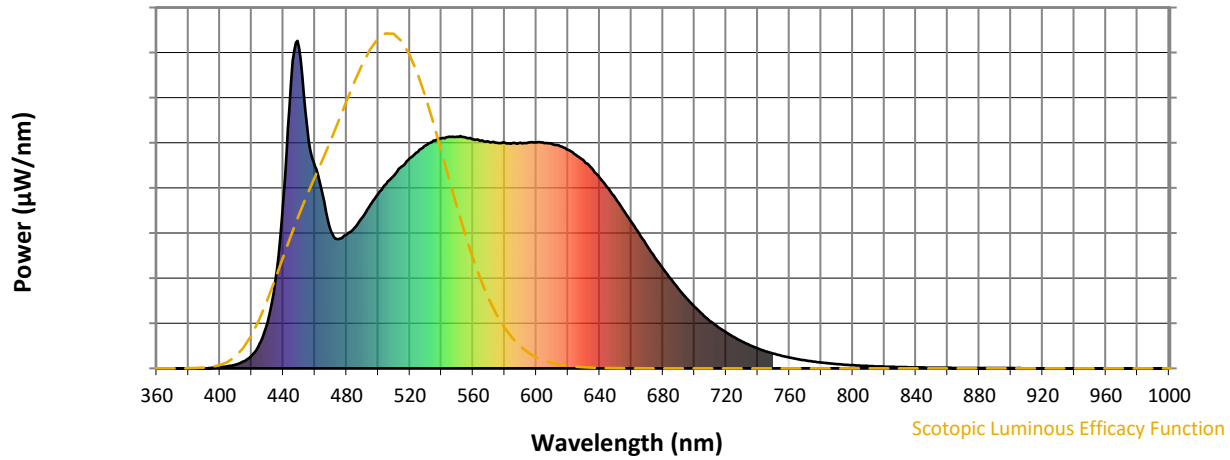


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



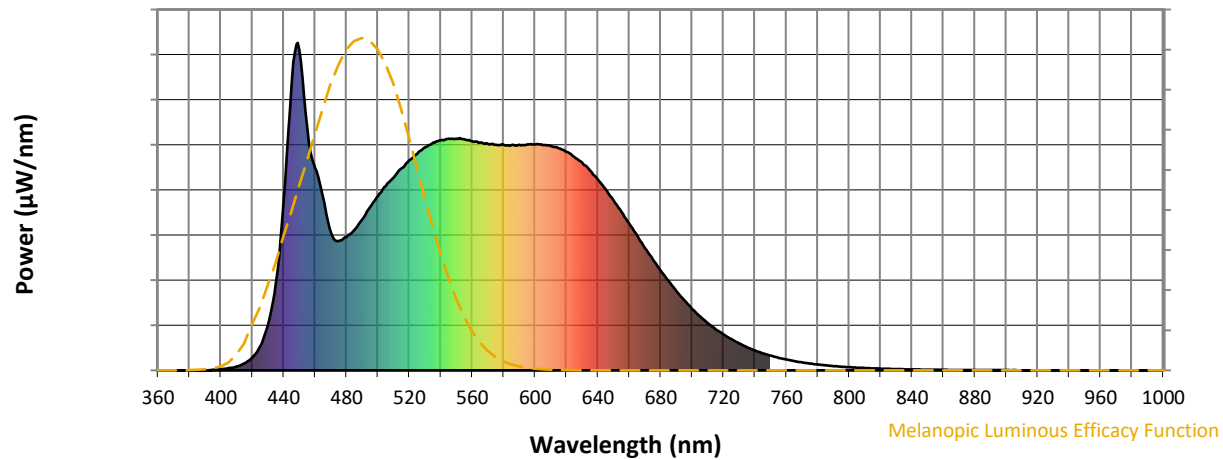
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

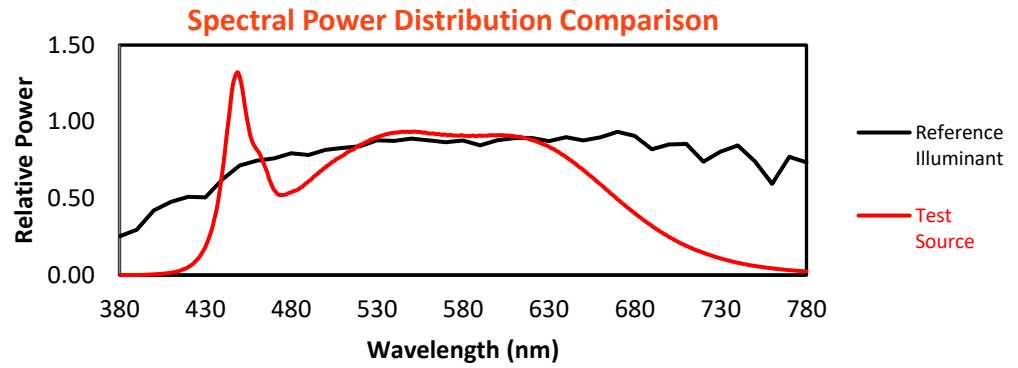
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	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			

REPORT NUMBER: SP1-2407-184-17

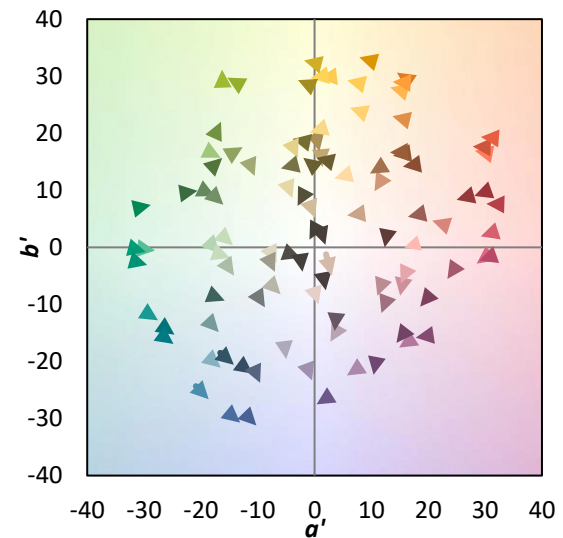
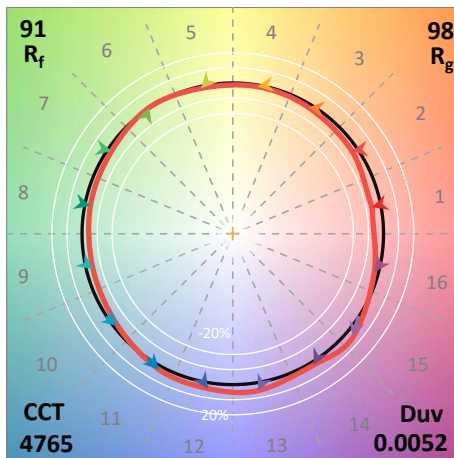
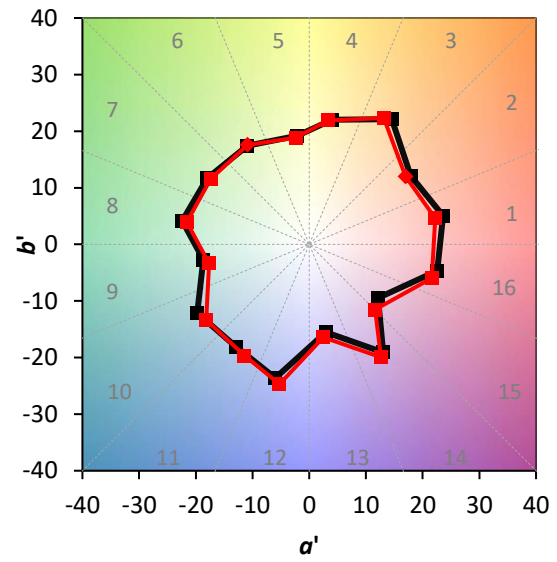
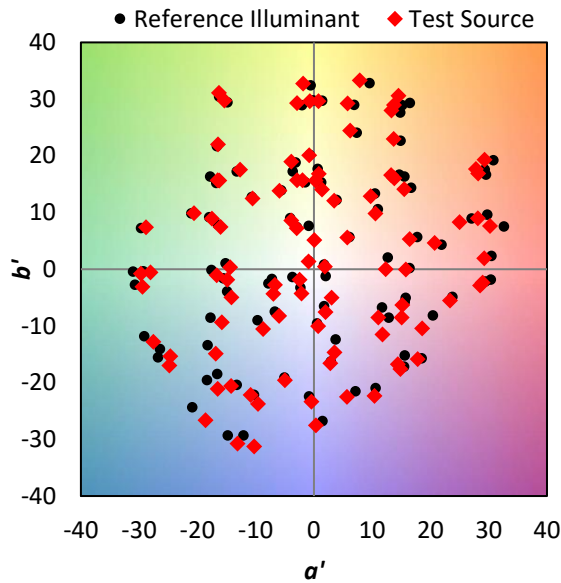
TM-30-18

Summary

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

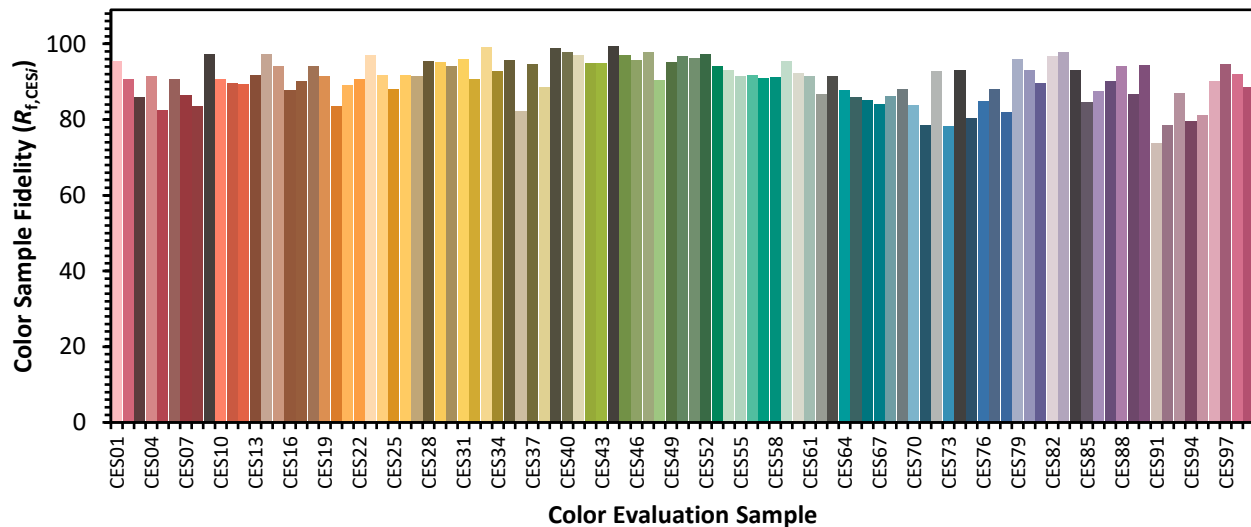


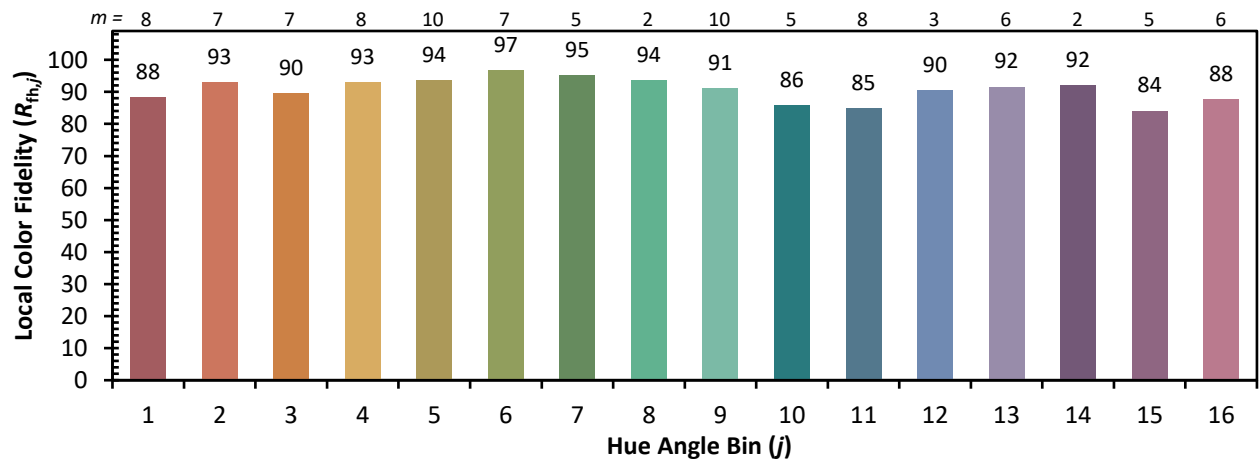
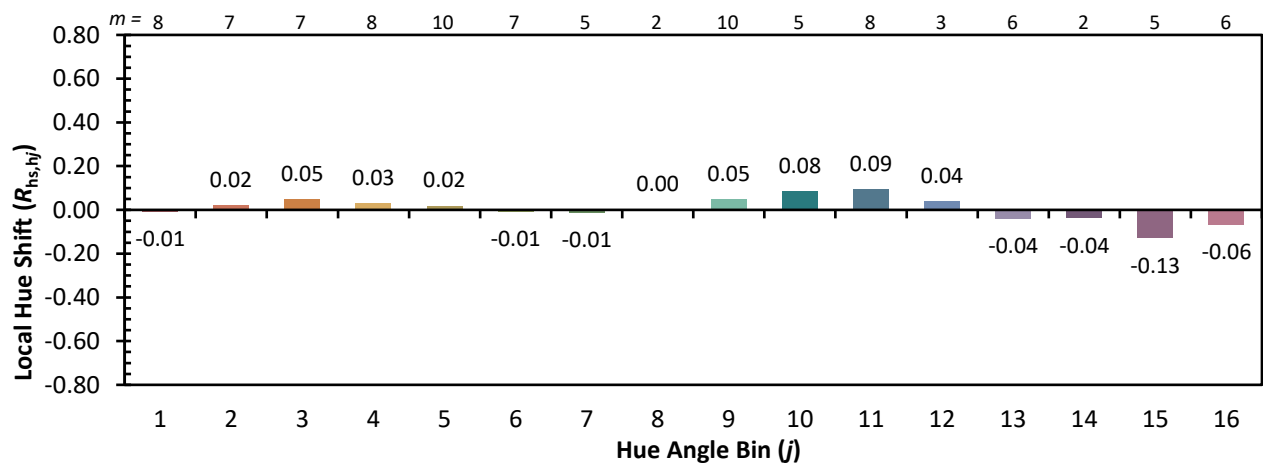
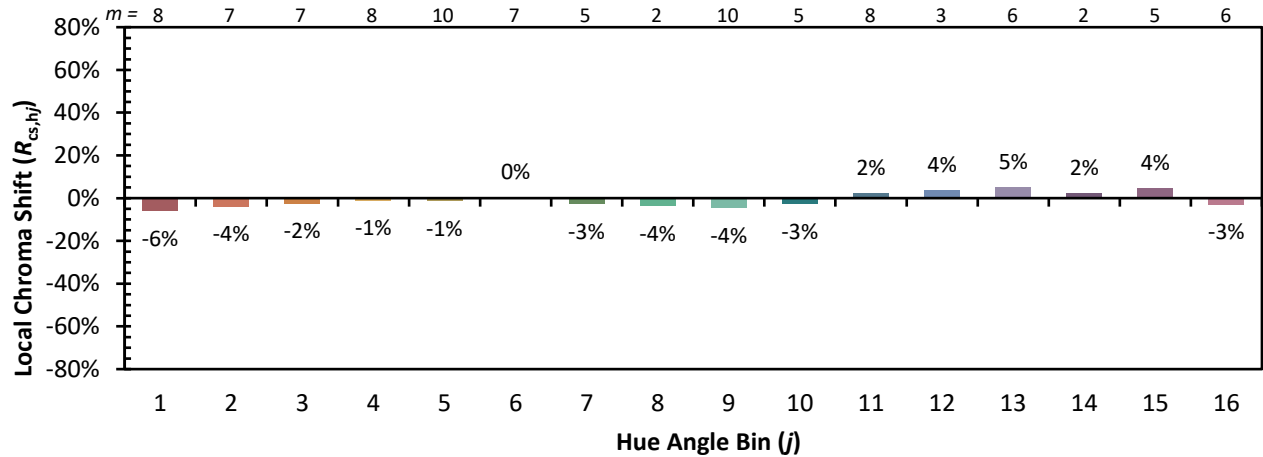
Color Vector Graphics



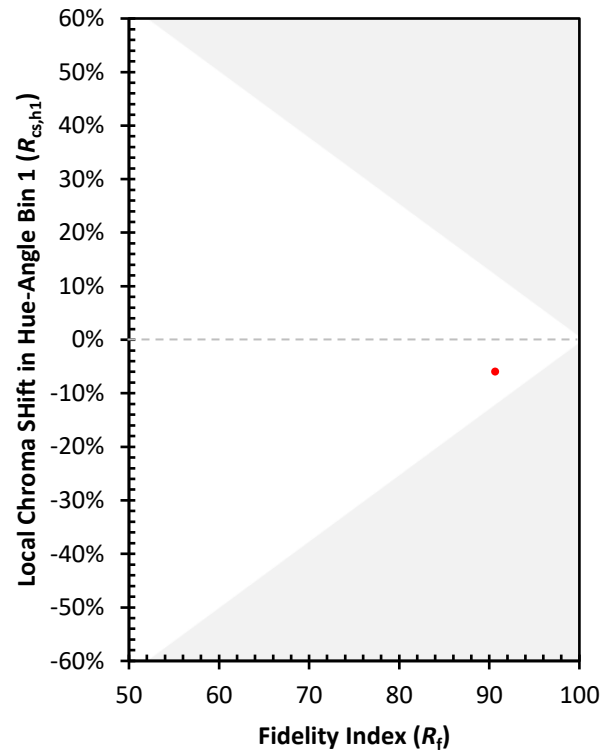
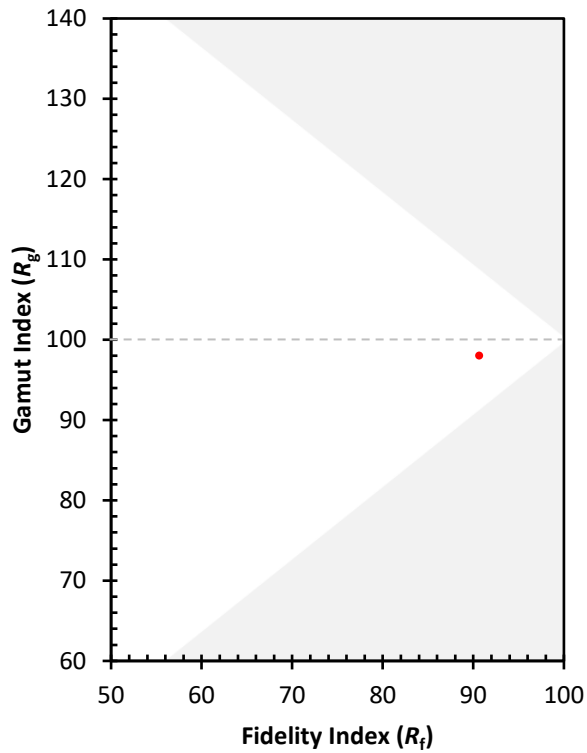
Individual Sample Fidelity Index ($R_{f,i}$)

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)