

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: P1063578

Luminaire Tested: **GLAN-SA8B-830-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063578
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8B-830-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32039.8 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 282.8
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



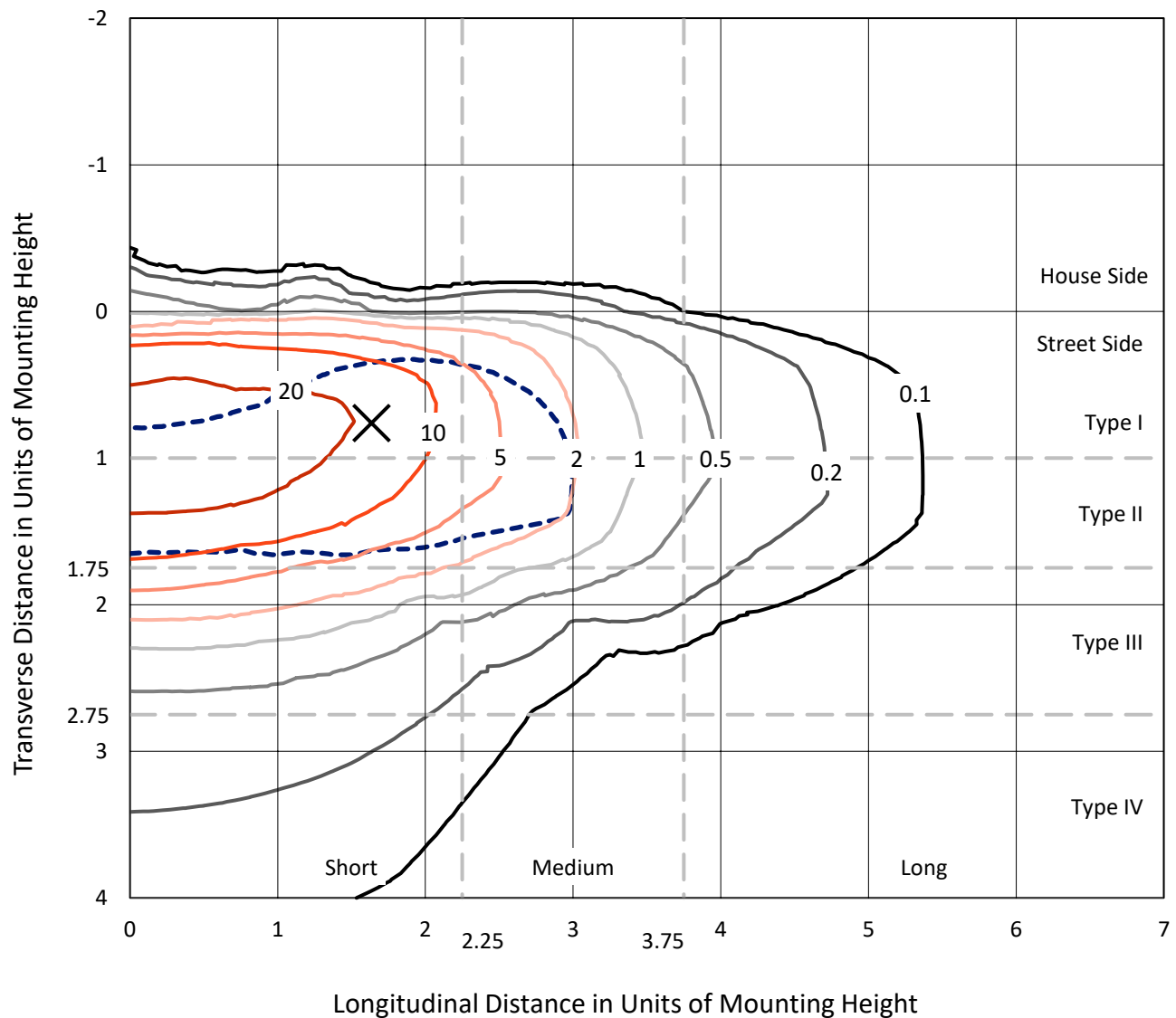
REPORT NUMBER: P1063578

CATALOG NUMBER: GLAN-SA8B-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

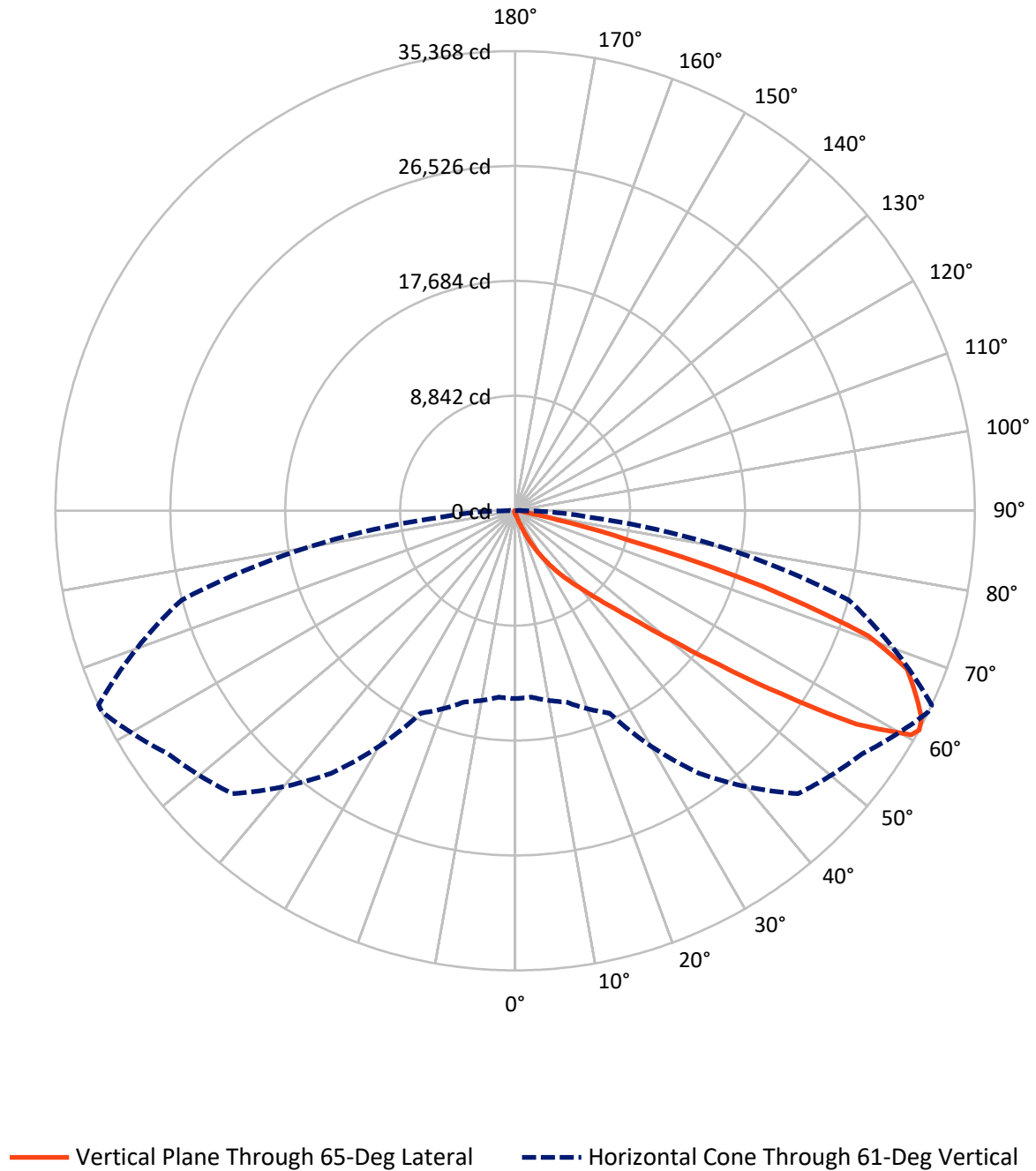


Based on 15 foot mounting height. Maximum calculated value = 42.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	136.8	0.0	136.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31903.0	0.0	31903.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	32039.8	0.0	32039.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	0.1
10°-20°	263.5	0.8
20°-30°	945.5	3.0
30°-40°	2517.4	7.9
40°-50°	6613.2	20.6
50°-60°	10245.1	32.0
60°-70°	8590.3	26.8
70°-80°	2528.0	7.9
80°-90°	311.8	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°	32039.8	100.0
0°-180°	32039.8	100.0



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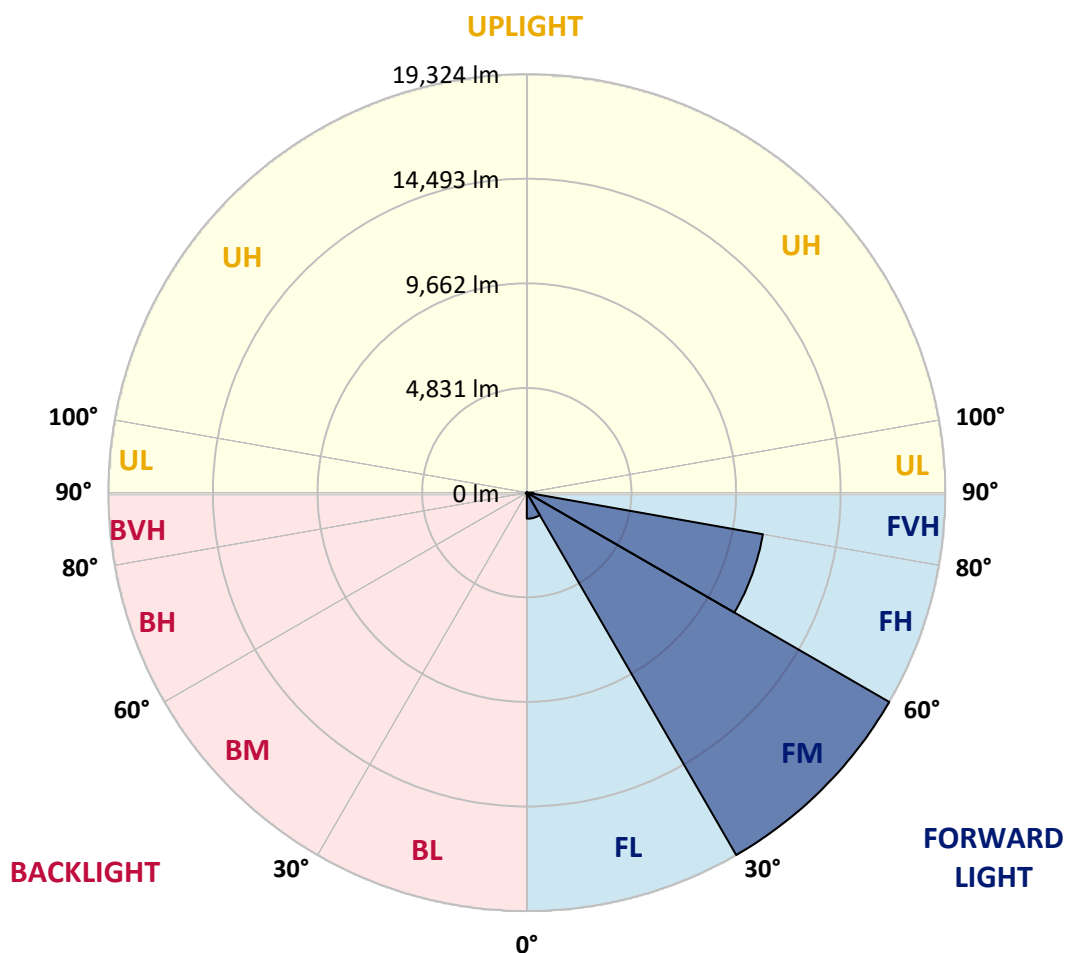
CATALOG NUMBER: GLAN-SA8B-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1203.3	3.8			
FM	(30°-60°)	19323.6	60.3			
FH	(60°-80°)	11070.1	34.6			G4/12000
FVH	(80°-90°)	306.1	1.0			G3/500
BL	(0°-30°)	30.7	0.1	B0/110		
BM	(30°-60°)	52.0	0.2	B0/220		
BH	(60°-80°)	48.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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: P1063578

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2
2.5°	238.0	240.2	235.8	227.0	220.4	220.4	218.2	211.6	211.6	205.0	200.6
5°	332.8	328.4	319.6	301.9	286.5	271.1	255.7	240.2	238.0	218.2	205.0
7.5°	544.4	548.8	520.1	465.0	418.8	359.3	304.2	271.1	266.7	233.6	207.2
10°	1194.6	1161.5	1095.4	881.6	725.1	546.6	405.5	315.2	310.8	251.3	211.6
12.5°	2177.5	2151.1	2029.9	1809.5	1406.1	978.6	592.9	390.1	376.9	266.7	213.8
15°	3138.5	3096.6	3030.5	2807.9	2336.2	1754.4	969.8	533.4	498.1	288.7	211.6
17.5°	3751.2	3757.8	3698.3	3603.5	3299.4	2596.3	1675.0	795.6	727.3	328.4	207.2
20°	4286.8	4271.3	4304.4	4253.7	4039.9	3528.6	2437.6	1260.7	1143.9	392.3	209.4
22.5°	4903.9	4941.4	4965.6	4954.6	4718.8	4282.4	3303.8	1886.6	1739.0	509.1	216.0
25°	5730.4	5726.0	5728.2	5699.5	5470.3	4985.4	4172.2	2664.6	2514.8	698.7	231.4
27.5°	6596.6	6623.0	6634.0	6530.4	6230.7	5754.6	4976.6	3515.4	3339.1	1002.8	251.3
30°	7780.1	7758.1	7707.4	7495.8	7132.1	6541.5	5770.1	4408.0	4222.9	1428.2	282.1
32.5°	9375.8	9351.5	9095.9	8628.6	8084.3	7361.3	6567.9	5302.8	5078.0	1959.4	324.0
35°	12005.2	12042.6	11414.5	10204.5	9228.1	8346.5	7451.7	6193.2	5994.9	2613.9	381.3
37.5°	16031.9	15826.9	14973.9	12836.1	10733.5	9576.4	8295.8	7092.5	6920.5	3420.6	456.2
40°	19943.9	19741.2	19494.3	17468.9	13349.6	10931.8	9477.2	8148.2	7925.6	4330.8	566.4
42.5°	24056.6	23944.2	23933.2	22405.8	18123.4	13063.1	10898.8	9384.6	9195.1	5329.3	747.2
45°	26970.3	26857.9	27093.7	27360.4	24625.2	17629.8	13373.8	10991.3	10715.8	6541.5	1035.9
47.5°	27362.6	27367.0	27997.3	28832.7	29456.4	24693.6	16671.0	13120.4	12785.4	8276.0	1520.8
50°	26057.8	26108.5	27111.3	28605.6	30285.1	30620.1	22485.2	16210.4	15714.5	10332.3	2208.4
52.5°	23573.9	23631.2	25028.6	27486.0	29522.5	32043.9	29330.8	20252.5	19681.7	12897.8	3178.2
55°	21336.9	21372.1	22974.4	26079.9	28603.4	31270.3	33394.9	25650.1	24900.7	16053.9	4134.7
57.5°	19121.9	19040.3	20082.8	23637.8	28447.0	30320.4	33994.4	31801.4	30974.9	19503.1	4879.6
60°	16159.7	16023.0	16860.6	19121.9	26388.4	30944.1	32872.6	35204.4	35017.1	24305.6	5454.9
61°	14456.0	14398.7	15240.6	17180.1	24656.1	30785.4	32603.7	35347.7	35367.5	26578.0	5712.8
62.5°	10323.5	10486.6	11773.7	14295.1	20651.4	29756.1	32639.0	34904.7	35100.8	29597.4	6380.6
65°	4588.7	4851.0	5851.6	7903.5	12009.6	24753.1	32326.0	33932.7	33835.7	30426.1	8681.5
67.5°	2721.9	2761.6	3259.7	4478.5	6360.7	13314.3	28526.3	32647.8	32517.7	26487.6	10801.8
70°	2144.5	2164.3	2323.0	2810.1	3691.7	5100.0	16280.9	28246.4	28812.8	21477.9	10574.8
72.5°	2034.3	2029.9	2051.9	2137.9	2325.2	2530.2	6303.4	18775.8	19928.5	15467.6	8866.7
75°	2007.8	1999.0	1977.0	1943.9	1683.9	1489.9	1952.7	8304.7	8972.5	10568.2	6675.9
77.5°	1948.3	1950.5	1954.9	1864.6	1443.6	1053.5	945.5	2664.6	3277.3	6706.8	4745.2
80°	1318.0	1337.8	1370.9	1335.6	1298.2	762.6	667.8	947.7	960.9	3764.4	3134.1
82.5°	667.8	667.8	652.4	581.9	502.5	495.9	531.2	687.6	696.5	1904.3	1474.5
85°	403.3	425.4	434.2	394.5	361.5	332.8	405.5	546.6	566.4	738.3	343.8
87.5°	90.4	92.6	101.4	134.4	196.2	266.7	376.9	500.3	509.1	473.9	41.9
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: P1063578

CATALOG NUMBER: GLAN-SA8B-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.2
2.5°	198.4	194.0	191.7	185.1	178.5	171.9	167.5	165.3	167.5	169.7	169.7
5°	196.2	189.5	178.5	167.5	158.7	149.9	141.1	138.9	138.9	141.1	141.1
7.5°	196.2	185.1	169.7	156.5	143.3	130.0	123.4	119.0	121.2	121.2	121.2
10°	196.2	182.9	163.1	143.3	127.8	112.4	101.4	97.0	97.0	97.0	97.0
12.5°	194.0	180.7	156.5	132.2	110.2	92.6	79.3	72.7	74.9	74.9	74.9
15°	189.5	174.1	147.7	112.4	88.2	70.5	57.3	50.7	52.9	57.3	59.5
17.5°	182.9	167.5	132.2	94.8	70.5	52.9	39.7	35.3	37.5	44.1	44.1
20°	180.7	160.9	116.8	77.1	52.9	37.5	26.4	22.0	24.2	33.1	35.3
22.5°	180.7	156.5	105.8	63.9	39.7	24.2	15.4	8.8	8.8	15.4	15.4
25°	182.9	154.3	97.0	52.9	28.7	17.6	8.8	4.4	8.8	24.2	28.7
27.5°	187.3	152.1	92.6	44.1	22.0	15.4	6.6	15.4	26.4	26.4	26.4
30°	191.7	147.7	86.0	37.5	19.8	11.0	11.0	22.0	22.0	26.4	28.7
32.5°	198.4	145.5	81.5	33.1	15.4	8.8	15.4	13.2	13.2	15.4	17.6
35°	211.6	147.7	77.1	33.1	15.4	11.0	13.2	6.6	4.4	4.4	4.4
37.5°	229.2	149.9	70.5	28.7	13.2	13.2	6.6	0.0	0.0	0.0	0.0
40°	257.9	156.5	66.1	26.4	11.0	11.0	2.2	0.0	0.0	0.0	0.0
42.5°	306.4	169.7	63.9	24.2	11.0	8.8	0.0	0.0	0.0	0.0	0.0
45°	403.3	200.6	59.5	22.0	11.0	4.4	0.0	0.0	0.0	0.0	0.0
47.5°	579.7	273.3	57.3	17.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	846.3	370.3	55.1	15.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1080.0	390.1	37.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1106.4	268.9	28.7	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	881.6	174.1	24.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	667.8	132.2	22.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	641.4	119.0	22.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	707.5	103.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1150.5	86.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1999.0	74.9	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2525.8	70.5	13.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2201.8	63.9	13.2	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	1324.6	55.1	13.2	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	694.3	41.9	13.2	11.0	6.6	2.2	0.0	0.0	0.0	0.0	0.0
80°	337.2	37.5	15.4	11.0	8.8	4.4	0.0	0.0	0.0	0.0	0.0
82.5°	132.2	30.9	17.6	15.4	11.0	6.6	2.2	0.0	0.0	0.0	0.0
85°	59.5	26.4	19.8	17.6	15.4	8.8	2.2	0.0	0.0	0.0	0.0
87.5°	30.9	24.2	22.0	19.8	15.4	11.0	4.4	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

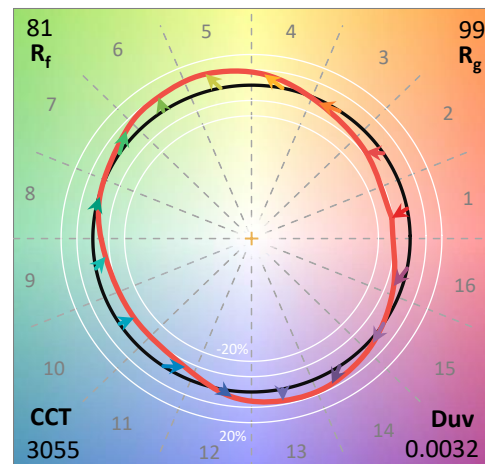
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

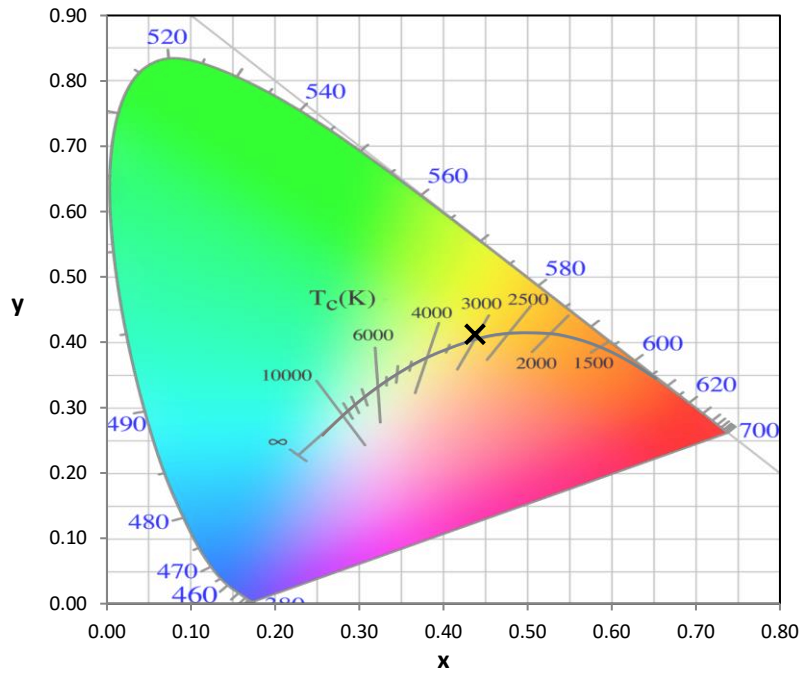
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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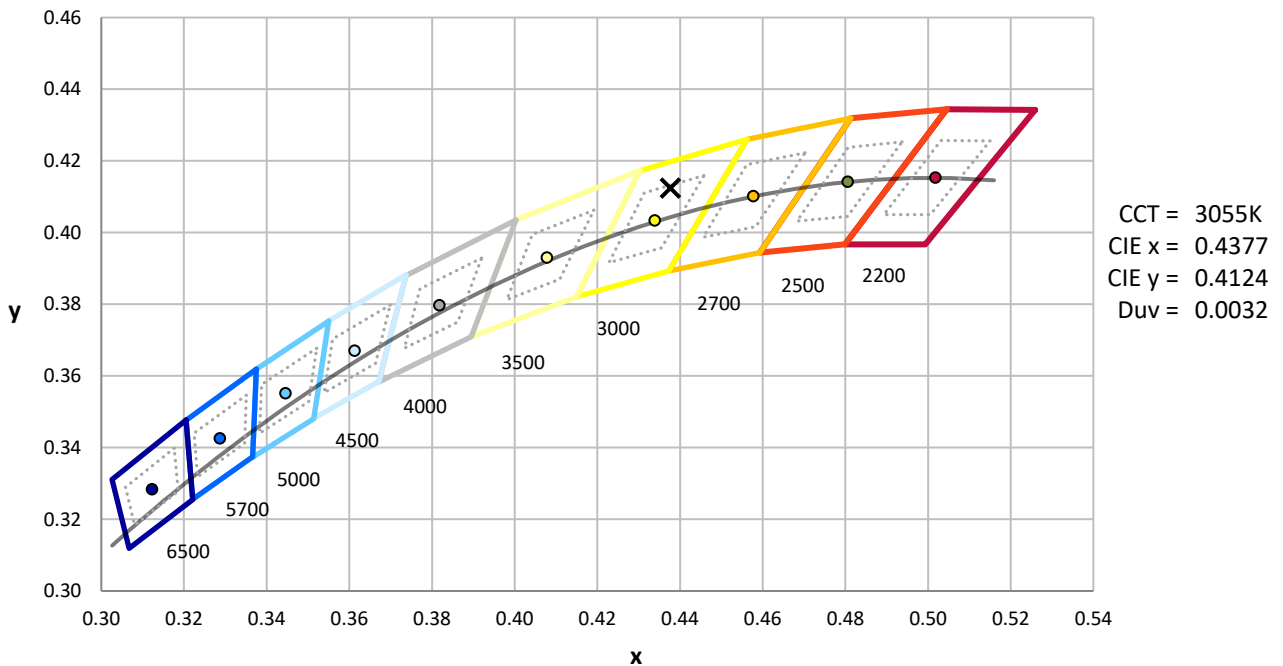
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



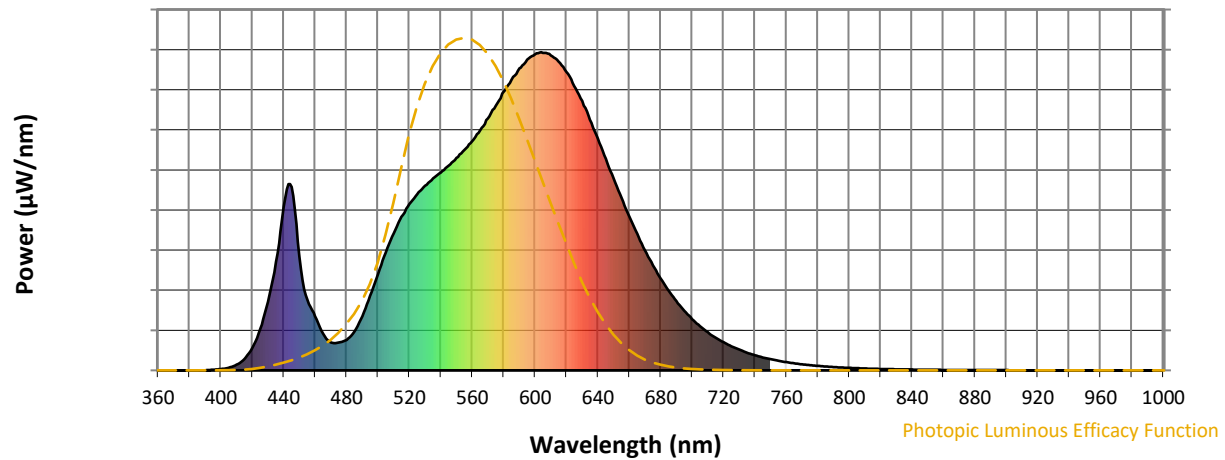
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

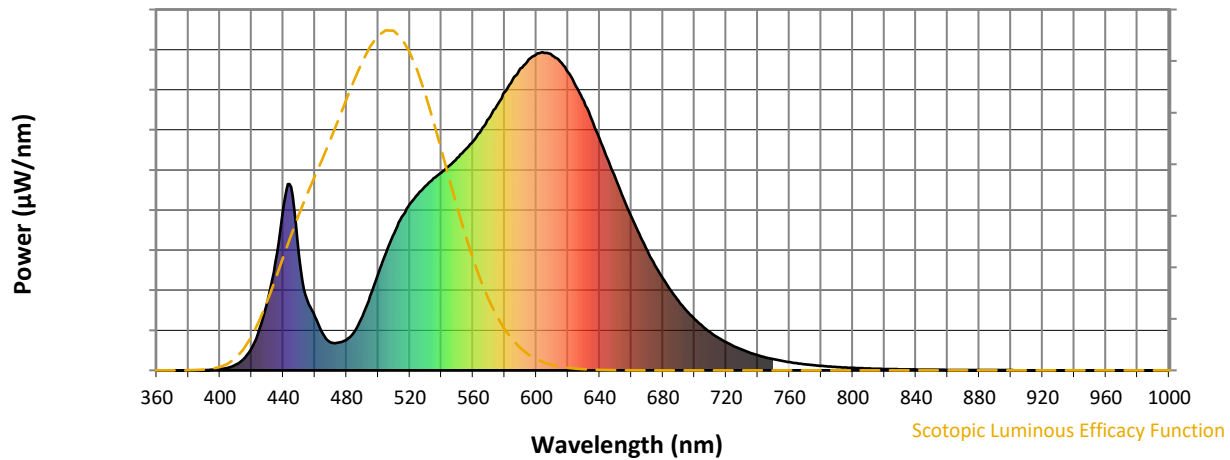


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



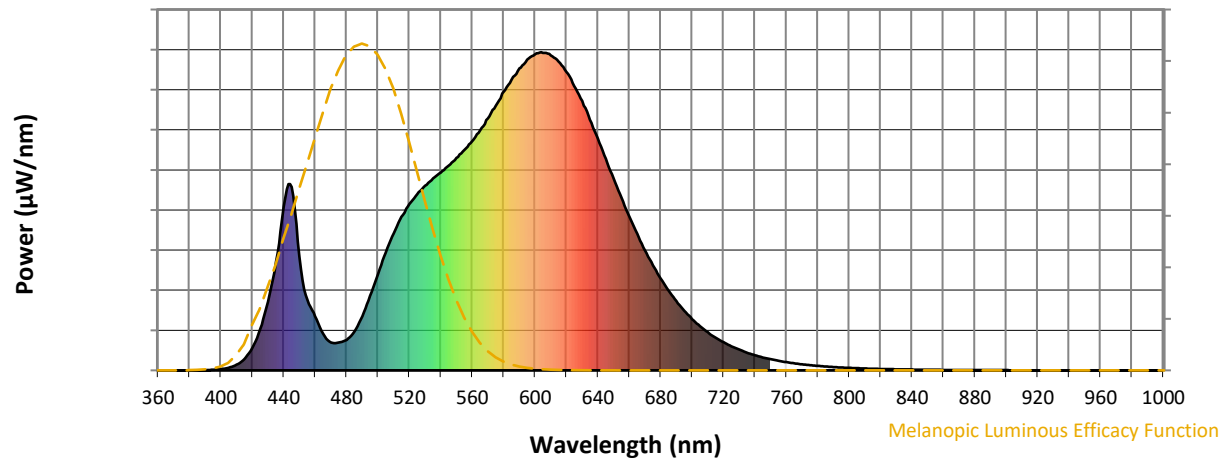
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

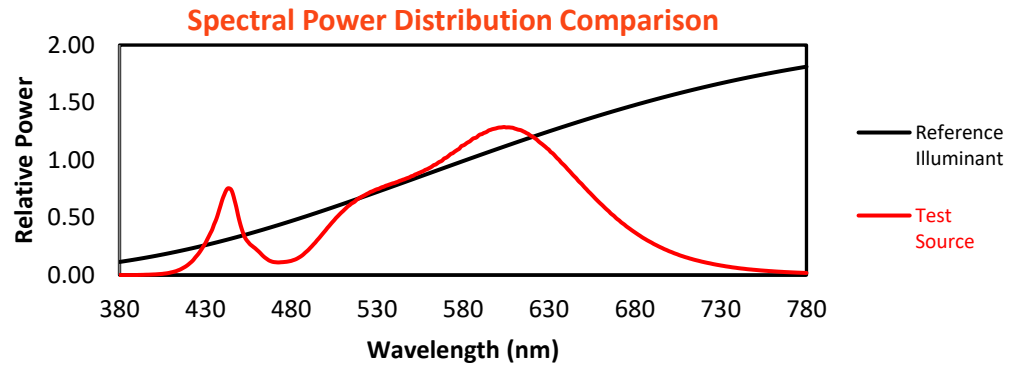
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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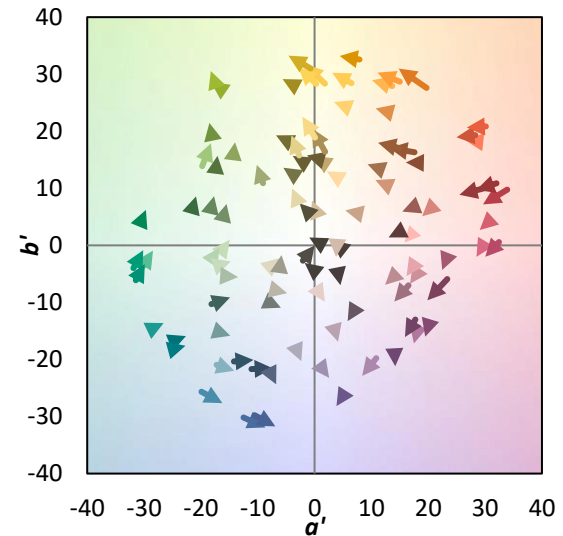
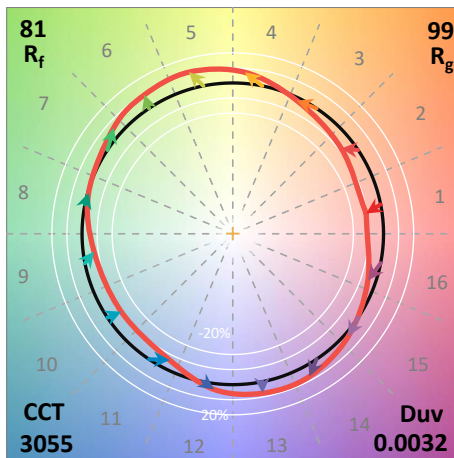
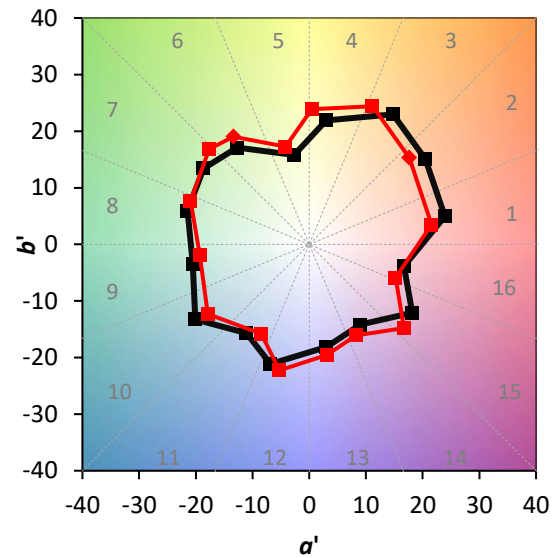
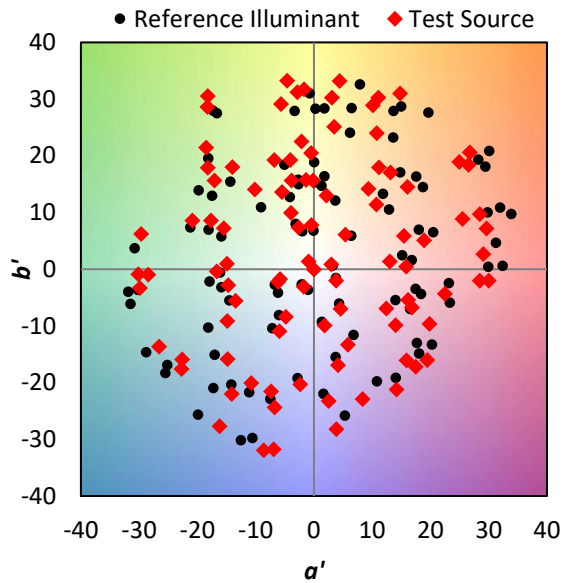
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

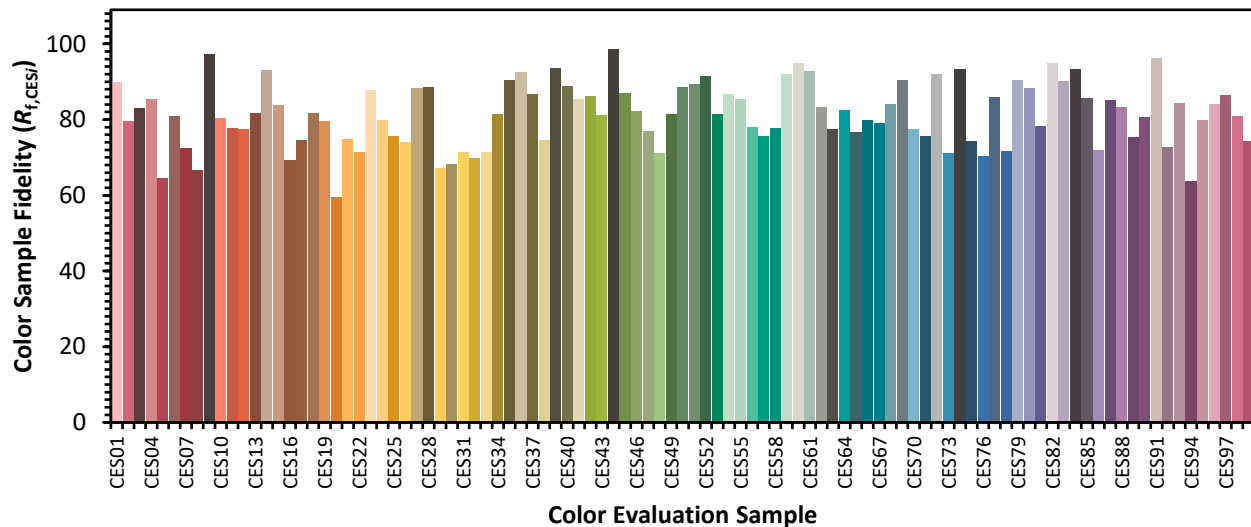


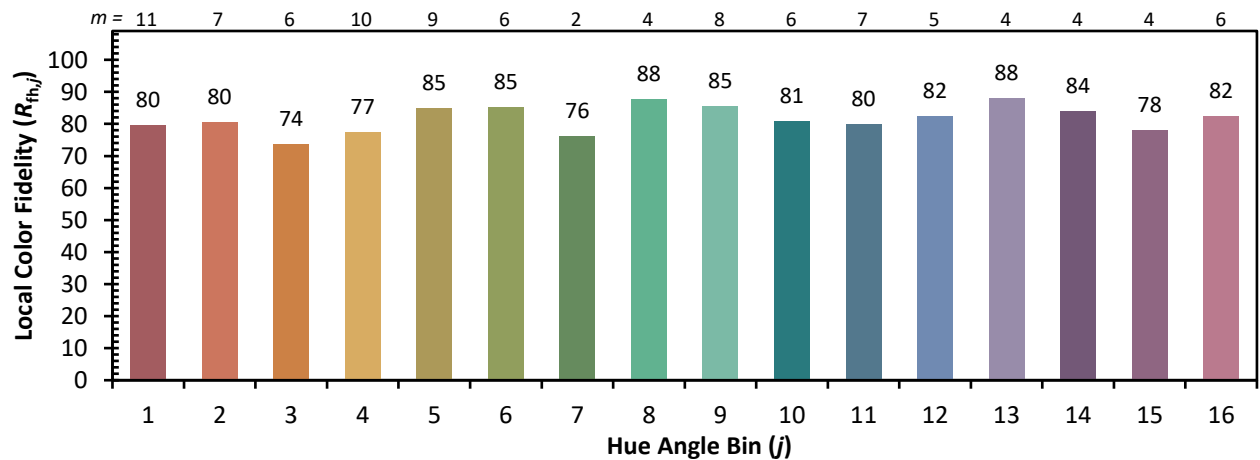
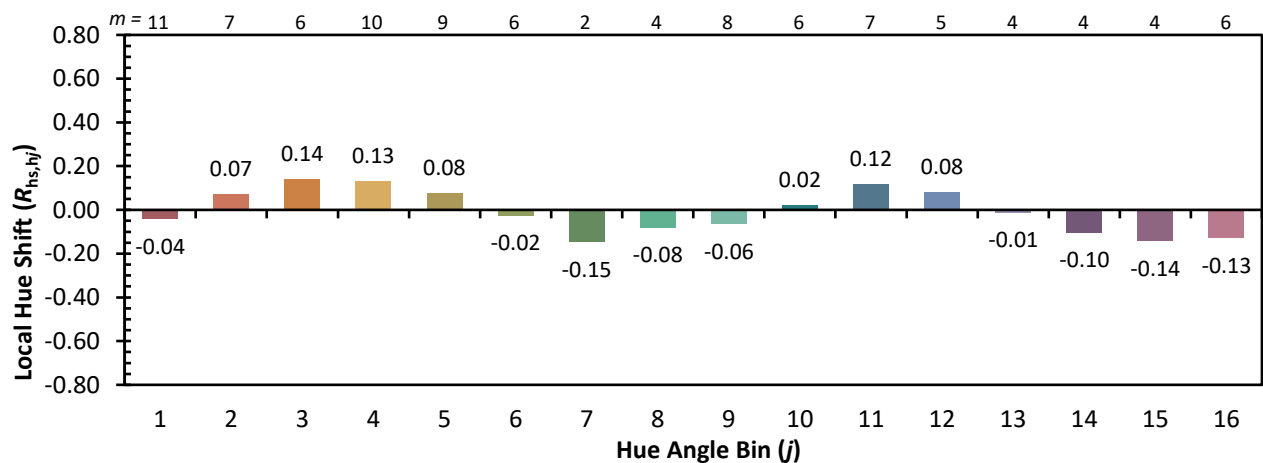
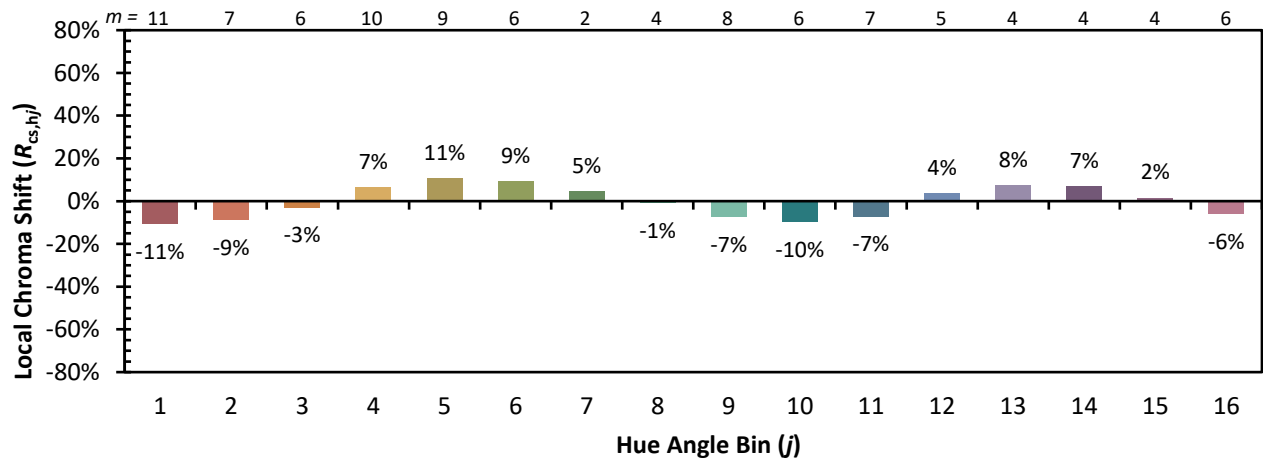
Color Vector Graphics

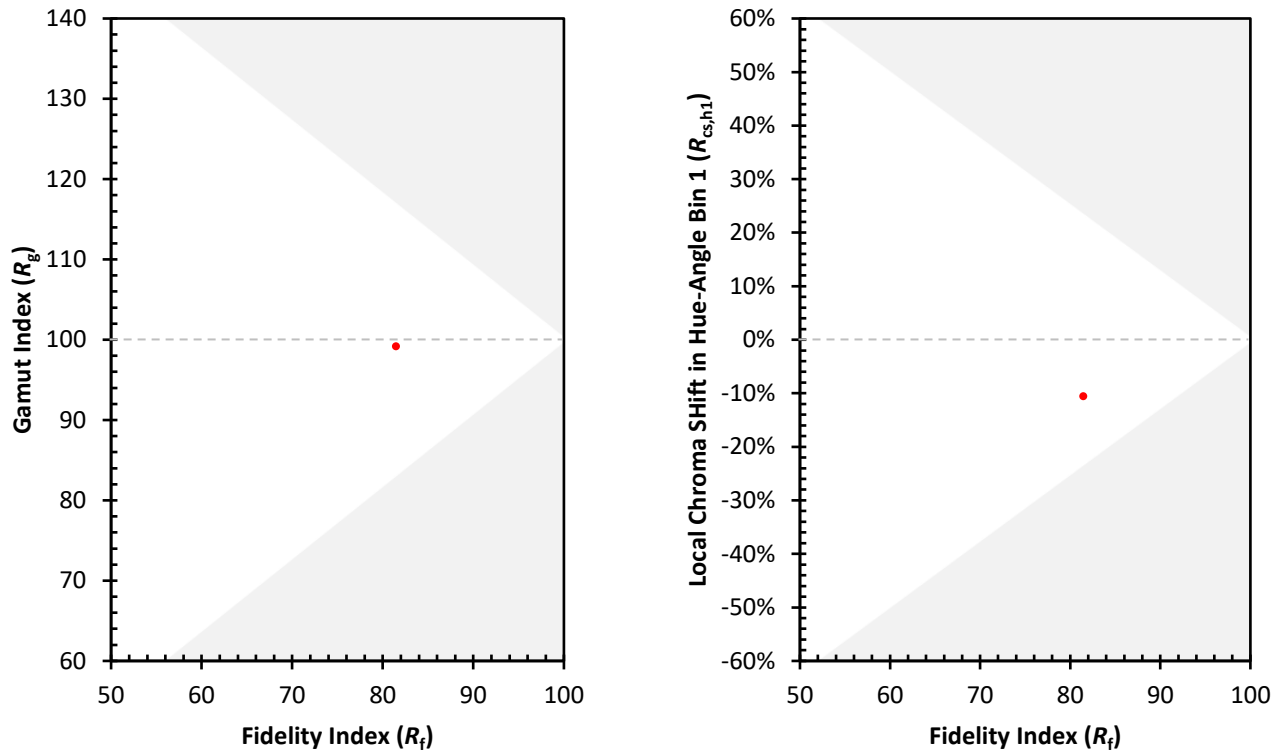


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)