

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: P1064186

Luminaire Tested: **GLAN-SA7B-830-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064186
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7B-830-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28447.4 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 249.5
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

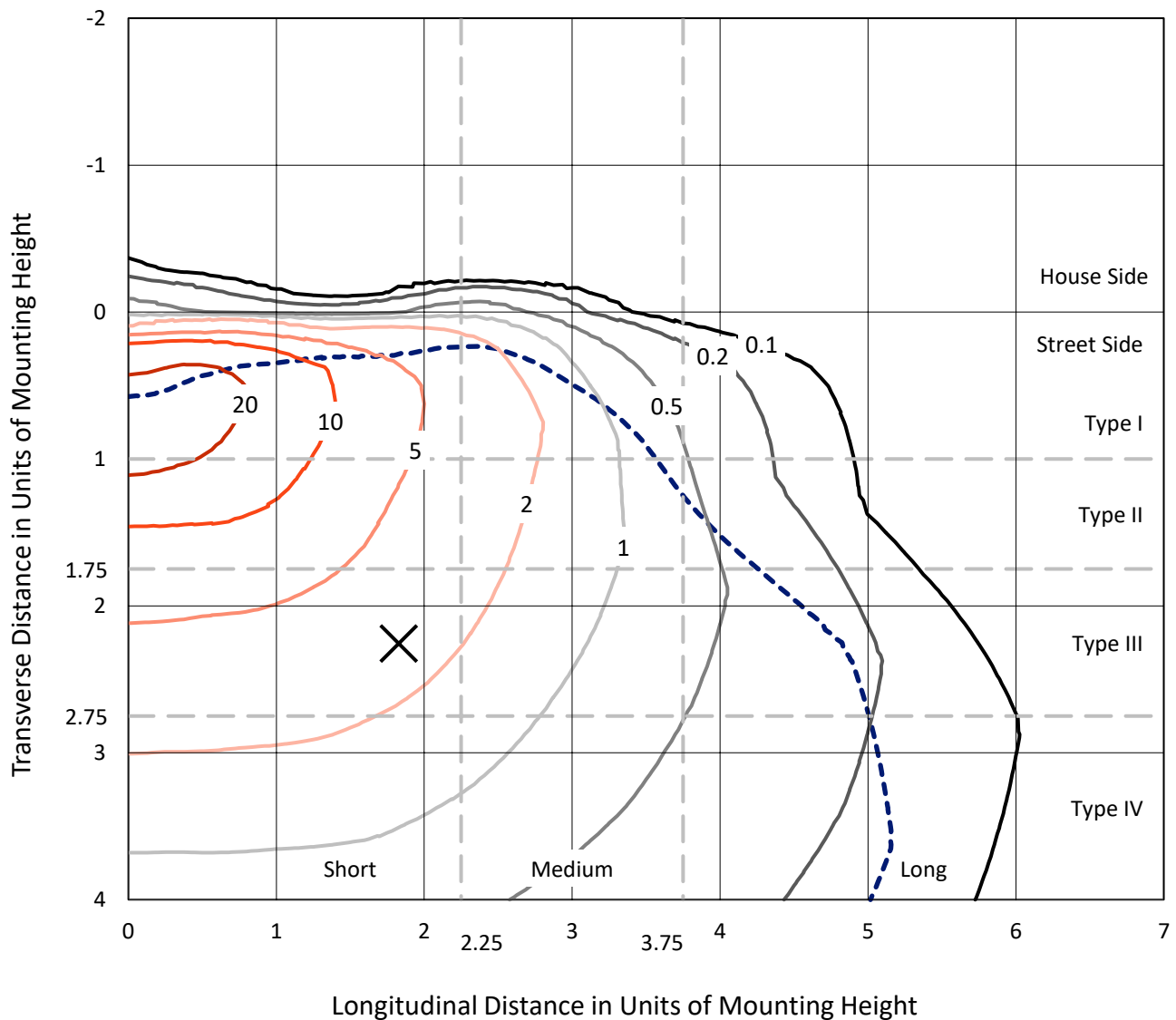


REPORT NUMBER: P1064186

CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

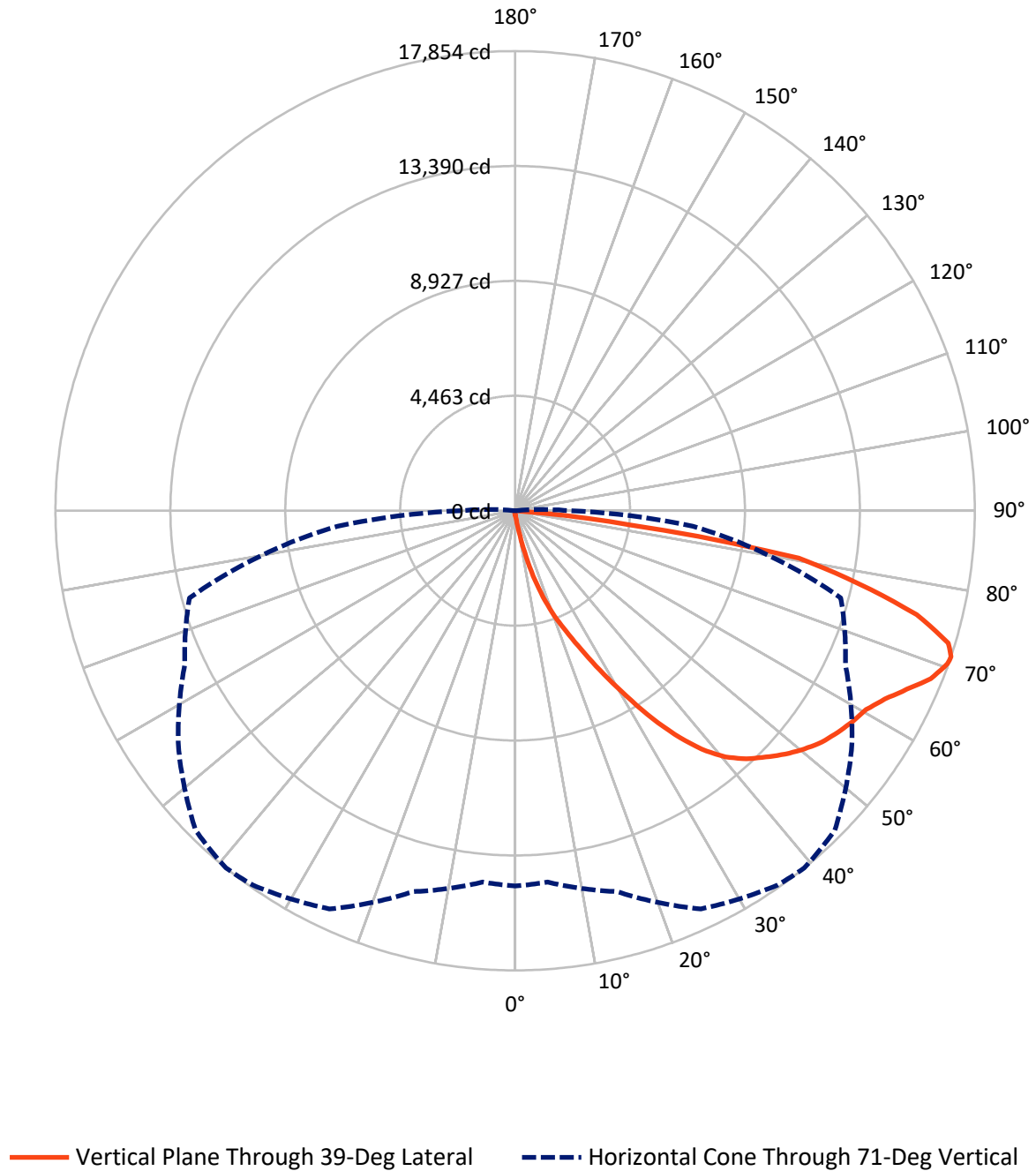


Based on 15 foot mounting height. Maximum calculated value = 29.3 fc
Type IV - Short - N/A

REPORT NUMBER: P1064186

CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1064186

CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

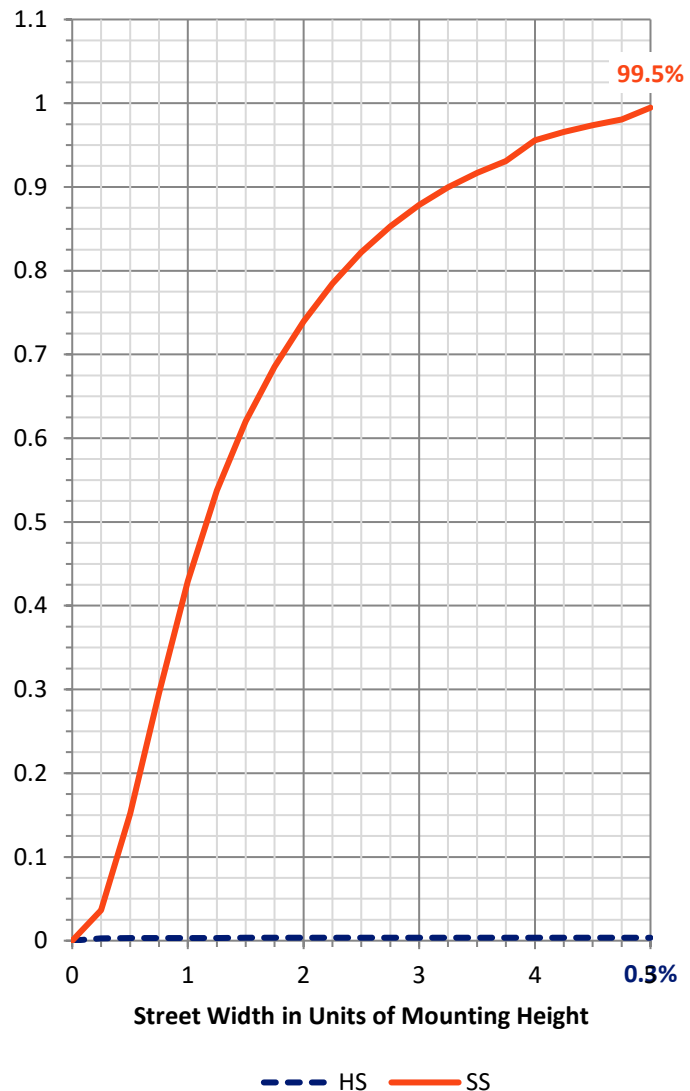
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.1	0.0	101.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28346.3	0.0	28346.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	28447.4	0.0	28447.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	0.1
10°-20°	304.0	1.1
20°-30°	1082.8	3.8
30°-40°	2609.6	9.2
40°-50°	4367.4	15.4
50°-60°	5609.3	19.7
60°-70°	7098.7	25.0
70°-80°	6328.8	22.2
80°-90°	1023.0	3.6
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°	28447.4	100.0
0°-180°	28447.4	100.0



REPORT NUMBER: P1064186

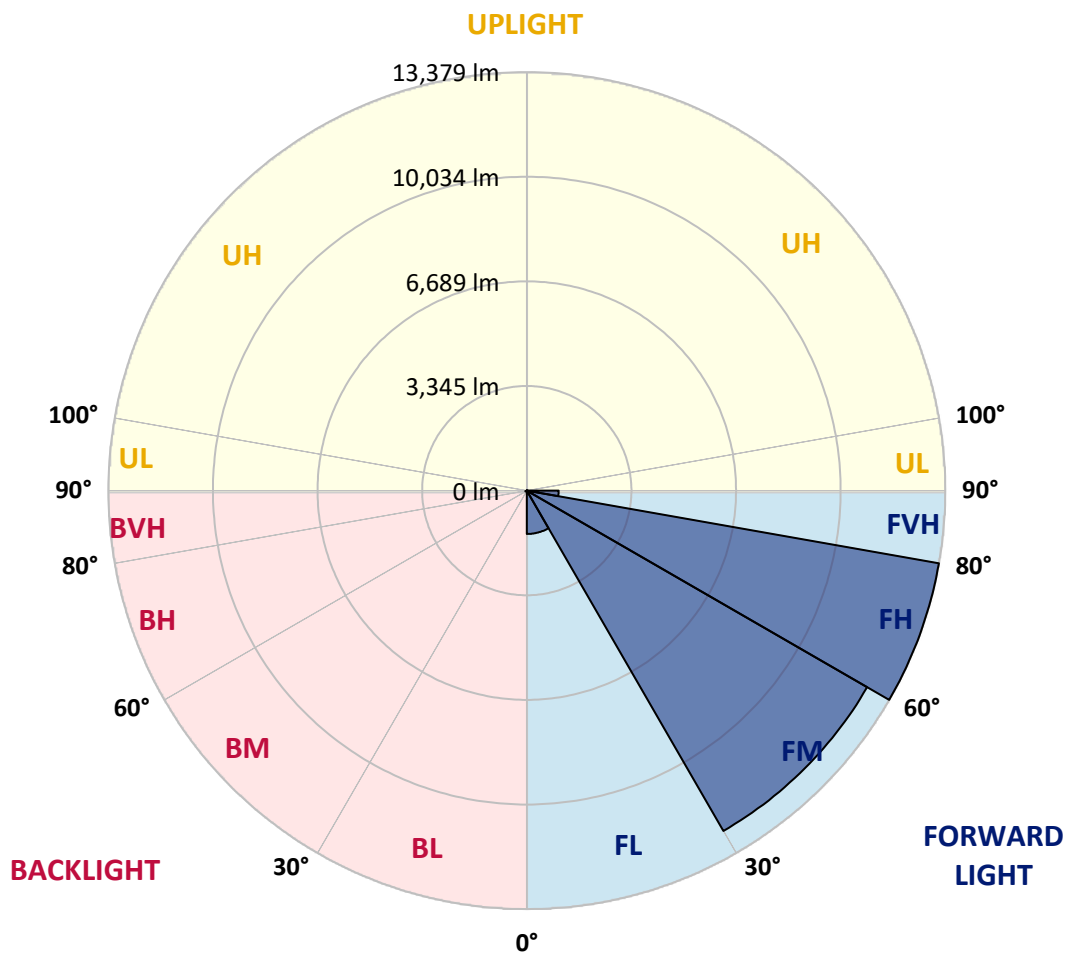
CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1386.2	4.9			
FM	(30°-60°)	12562.9	44.2			
FH	(60°-80°)	13378.8	47.0			G5
FVH	(80°-90°)	1018.4	3.6			G5
BL	(0°-30°)	24.4	0.1	B0/110		
BM	(30°-60°)	23.4	0.1	B0/220		
BH	(60°-80°)	48.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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 IV Short





REPORT NUMBER: P1064186

CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0
2.5°	179.1	179.1	179.1	173.3	173.3	171.4	169.5	169.5	165.6	163.7	159.8
5°	271.5	265.8	252.3	244.6	229.2	219.5	209.9	196.4	182.9	173.3	161.8
7.5°	614.3	627.8	583.5	500.7	416.0	379.4	317.7	256.1	211.8	182.9	163.7
10°	1565.6	1557.9	1407.7	1242.1	959.0	845.4	662.5	417.9	273.5	200.3	165.6
12.5°	2663.3	2655.6	2478.4	2253.1	1879.5	1642.7	1296.0	779.9	392.8	227.2	165.6
15°	3585.7	3554.9	3499.1	3275.7	2838.5	2640.2	2181.9	1378.8	635.5	273.5	169.5
17.5°	4196.2	4169.2	4117.2	4036.3	3759.0	3524.1	3156.3	2166.5	1028.3	354.3	177.2
20°	4756.6	4737.3	4694.9	4679.5	4500.4	4375.3	4071.0	3071.5	1602.2	481.4	188.7
22.5°	5526.9	5486.4	5503.7	5411.3	5236.1	5085.9	4899.1	4019.0	2303.2	693.3	209.9
25°	6470.5	6451.2	6403.1	6337.6	6094.9	5964.0	5677.1	4912.5	3087.0	970.6	233.0
27.5°	7610.5	7589.3	7577.8	7427.6	7148.3	7005.8	6605.3	5756.0	3968.9	1359.6	263.8
30°	8923.9	8933.5	8858.4	8665.8	8340.4	8140.1	7728.0	6639.9	4872.1	1816.0	296.6
32.5°	10283.4	10264.2	10148.6	9921.4	9630.6	9443.8	8920.0	7608.6	5819.6	2418.7	335.1
35°	11748.9	11712.3	11408.0	11148.1	10899.7	10664.7	10187.1	8733.2	6767.0	3094.7	387.1
37.5°	13227.9	13056.5	12446.0	12116.7	11945.3	11752.8	11307.9	9932.9	7708.7	3849.5	450.6
40°	14344.8	14211.9	13487.8	12881.2	12744.5	12580.8	12249.6	10969.0	8710.1	4660.3	527.7
42.5°	14963.0	14889.8	14238.9	13640.0	13318.4	13173.9	12890.9	11874.1	9699.9	5555.7	639.3
45°	15226.8	15113.2	14677.9	14398.7	13886.5	13647.7	13310.7	12557.7	10734.0	6572.5	795.3
47.5°	15145.9	15080.4	14768.5	14870.5	14498.8	14127.2	13632.3	13081.5	11618.0	7739.5	1009.1
50°	14637.5	14581.7	14485.4	15038.1	14991.8	14552.8	14048.2	13495.5	12340.1	8943.1	1340.3
52.5°	13670.8	13647.7	13894.2	14907.1	15271.1	14928.3	14448.8	13861.4	13014.1	10200.6	1814.0
55°	12424.8	12519.2	13224.0	14703.0	15413.6	15205.6	14803.1	14204.2	13555.2	11325.2	2513.1
57.5°	11912.6	11937.6	12817.7	14558.5	15477.1	15450.2	15147.8	14531.6	14052.1	12224.6	3579.9
60°	12511.5	12473.0	12937.1	14668.3	15604.2	15669.7	15454.0	14835.9	14483.4	12996.8	5001.1
62.5°	13593.8	13572.6	13720.9	15136.3	15975.9	16108.8	15879.6	15055.4	14864.7	13505.2	6622.6
65°	14560.5	14516.2	14791.6	15966.3	16628.7	16723.1	16522.8	15430.9	15032.3	13874.9	8145.9
67.5°	14978.4	14968.7	15411.6	16755.8	17314.3	17416.3	17241.1	15948.9	14993.8	13992.4	8817.9
70°	14787.7	14751.1	15459.8	17090.9	17701.3	17816.9	17647.4	16141.5	14575.9	13620.7	7822.3
71°	14577.8	14479.6	15315.4	17067.8	17755.3	17853.5	17556.9	15966.3	14156.1	13093.1	6919.2
72.5°	13926.9	13944.2	14918.7	16827.1	17626.2	17597.4	17044.7	15338.5	13649.6	11895.3	5557.7
75°	12324.7	12426.8	13634.2	15816.1	16474.7	16106.8	15261.4	14138.7	12632.8	8529.1	3859.2
77.5°	10071.6	10223.7	11550.6	13871.1	13684.3	13647.7	13613.0	12457.6	10788.0	4581.3	2684.5
80°	4808.6	5137.9	6967.3	9902.1	10757.1	11171.2	10911.2	10038.9	8342.3	2181.9	1604.1
82.5°	313.9	310.0	439.1	831.9	3506.8	4533.2	7202.2	7175.3	5815.7	1063.0	654.7
85°	148.3	152.1	167.5	190.6	221.5	242.6	335.1	1964.2	2782.7	506.5	142.5
87.5°	86.7	88.6	104.0	132.9	173.3	192.6	229.2	294.6	362.0	279.2	30.8
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: P1064186

CATALOG NUMBER: GLAN-SA7B-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0
2.5°	157.9	156.0	150.2	144.4	138.7	134.8	132.9	134.8	134.8	136.7	136.7
5°	157.9	152.1	142.5	130.9	123.2	115.5	111.7	109.8	111.7	111.7	111.7
7.5°	156.0	146.4	132.9	119.4	109.8	100.1	96.3	94.4	94.4	96.3	96.3
10°	152.1	142.5	125.2	109.8	98.2	86.7	80.9	75.1	75.1	75.1	77.0
12.5°	150.2	136.7	115.5	100.1	84.7	71.3	59.7	53.9	55.8	55.8	55.8
15°	146.4	130.9	109.8	90.5	71.3	53.9	44.3	38.5	40.4	42.4	40.4
17.5°	146.4	129.0	102.1	79.0	55.8	40.4	32.7	28.9	28.9	30.8	30.8
20°	146.4	125.2	96.3	67.4	42.4	30.8	23.1	21.2	21.2	25.0	27.0
22.5°	150.2	125.2	88.6	55.8	34.7	23.1	17.3	15.4	17.3	21.2	23.1
25°	156.0	123.2	80.9	50.1	28.9	17.3	13.5	9.6	11.6	15.4	17.3
27.5°	161.8	121.3	73.2	44.3	23.1	13.5	9.6	7.7	5.8	7.7	7.7
30°	167.5	121.3	65.5	36.6	19.3	9.6	5.8	3.9	1.9	0.0	0.0
32.5°	171.4	117.5	59.7	28.9	15.4	7.7	3.9	1.9	0.0	0.0	0.0
35°	175.2	113.6	52.0	23.1	11.6	5.8	1.9	0.0	0.0	0.0	0.0
37.5°	179.1	107.8	44.3	19.3	9.6	3.9	0.0	0.0	0.0	0.0	0.0
40°	182.9	100.1	36.6	17.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	186.8	94.4	30.8	13.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	196.4	90.5	25.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	213.8	86.7	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	238.8	82.8	21.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	273.5	80.9	19.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	335.1	79.0	17.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	441.0	77.0	17.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	675.9	73.2	17.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1207.4	71.3	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2104.8	73.2	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3017.6	77.0	13.5	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2582.4	67.4	13.5	7.7	3.9	1.9	0.0	0.0	0.0	0.0	0.0
71°	2104.8	59.7	13.5	7.7	3.9	1.9	1.9	0.0	0.0	0.0	0.0
72.5°	1353.8	46.2	11.6	7.7	3.9	3.9	1.9	0.0	0.0	0.0	0.0
75°	571.9	38.5	11.6	7.7	5.8	3.9	3.9	1.9	0.0	0.0	0.0
77.5°	244.6	28.9	11.6	9.6	7.7	5.8	5.8	3.9	1.9	0.0	0.0
80°	92.4	23.1	13.5	11.6	9.6	9.6	7.7	3.9	1.9	0.0	0.0
82.5°	42.4	19.3	13.5	11.6	11.6	9.6	7.7	5.8	3.9	0.0	0.0
85°	27.0	17.3	13.5	11.6	11.6	9.6	9.6	5.8	3.9	0.0	0.0
87.5°	21.2	17.3	13.5	13.5	11.6	11.6	7.7	5.8	1.9	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

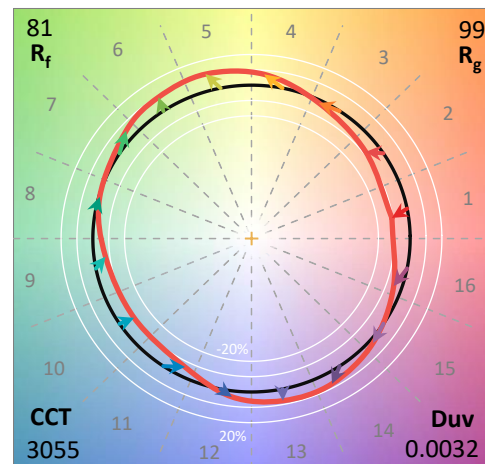
Test Information

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

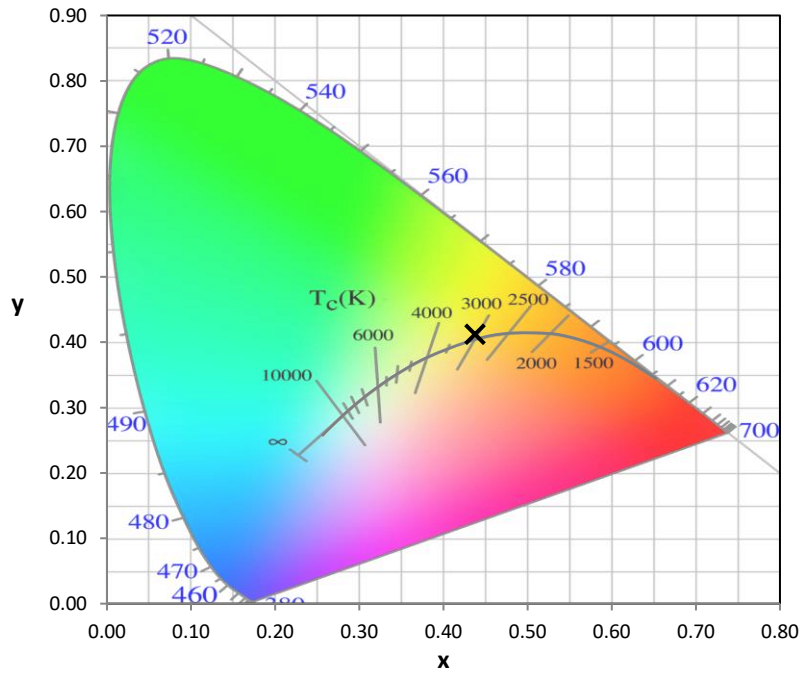
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

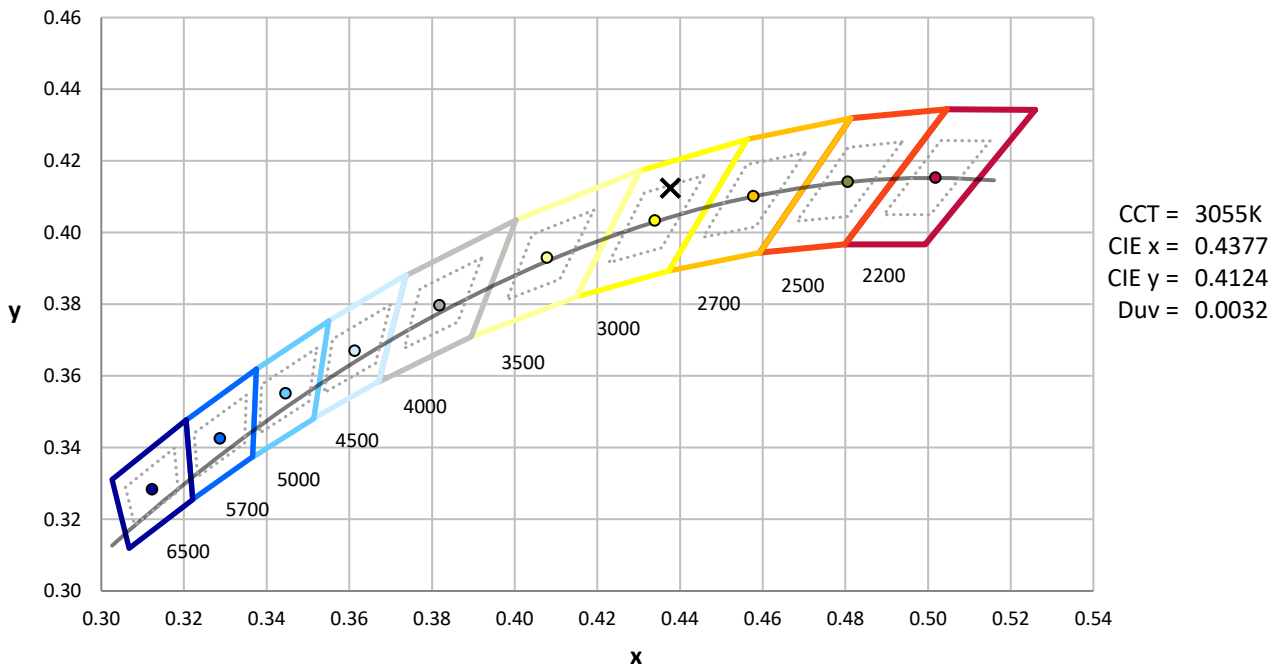
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



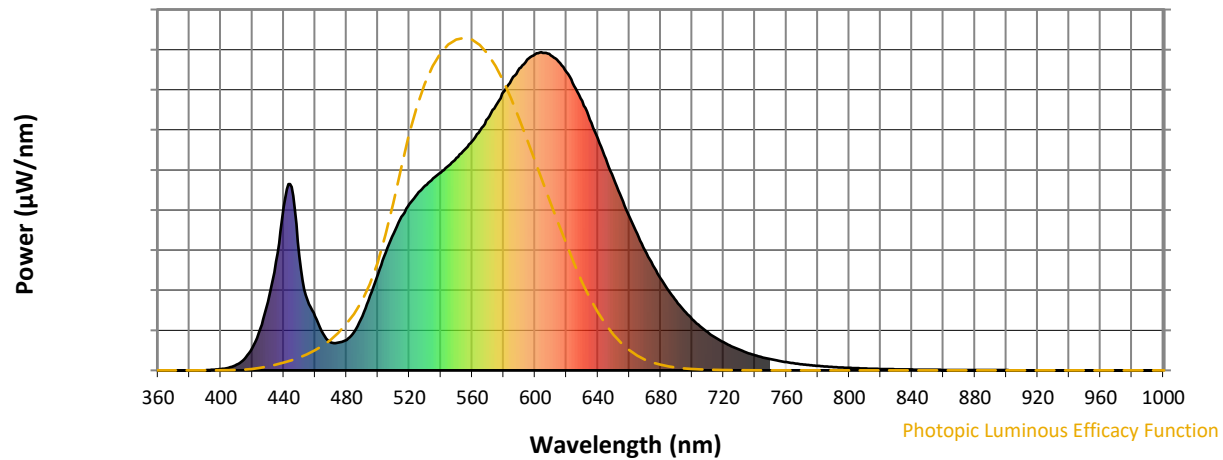
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

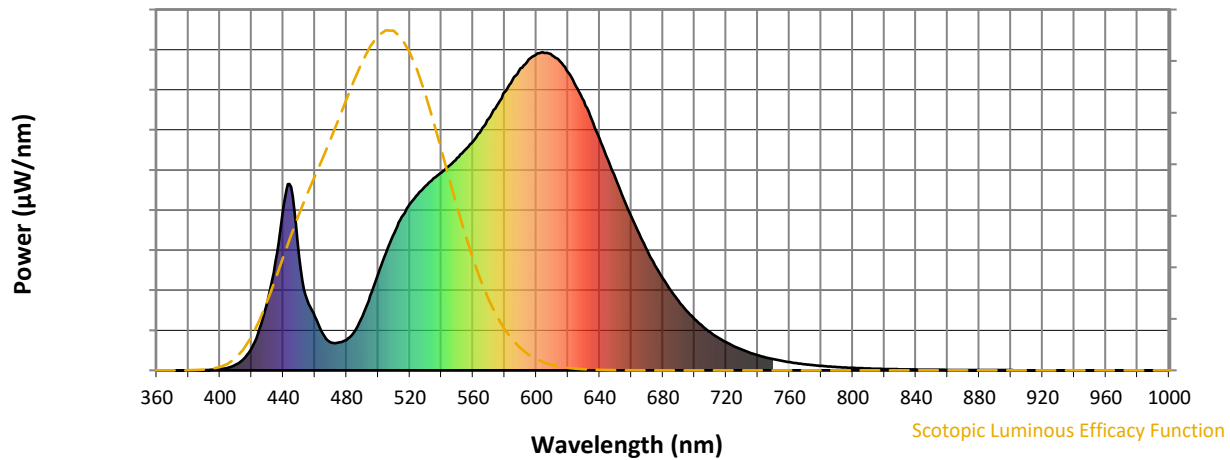


Photopic Lumens: NR

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	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



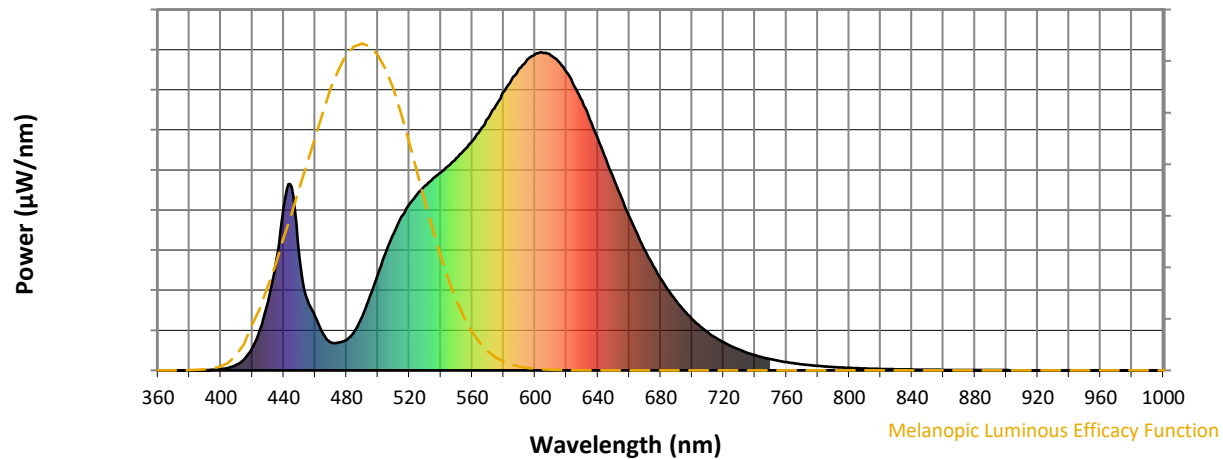
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

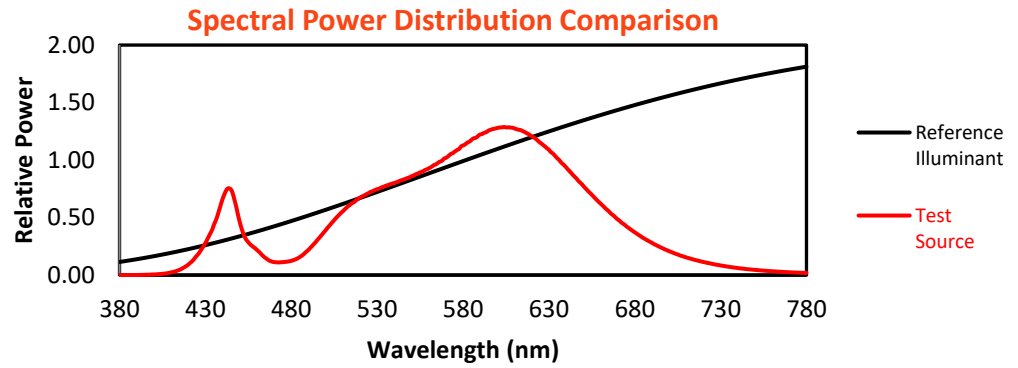
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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			

REPORT NUMBER: SP1-2407-184-9

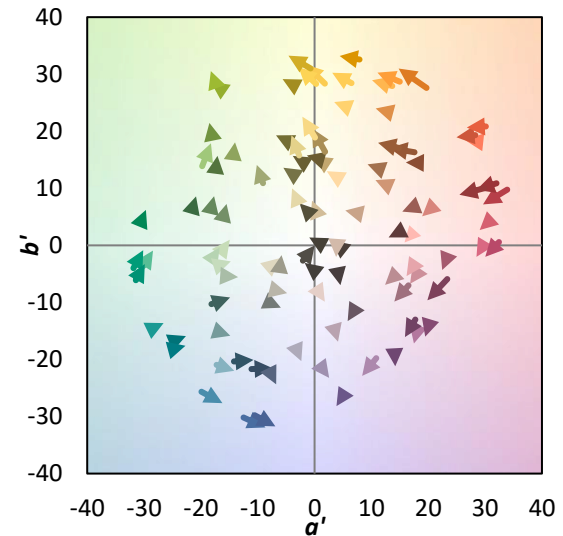
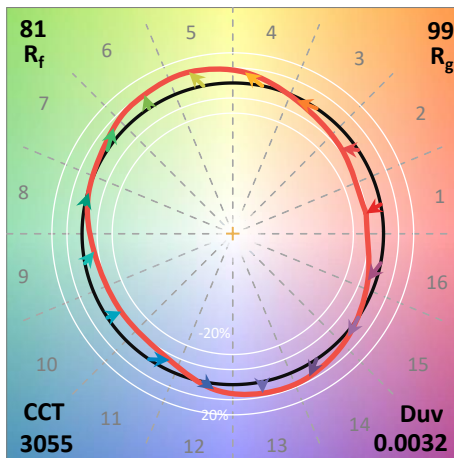
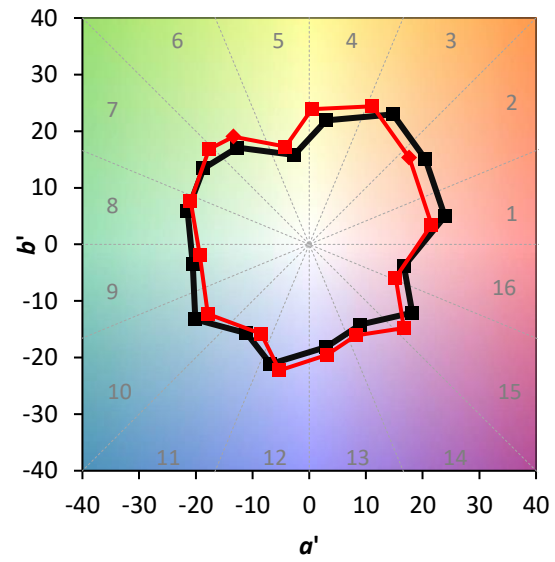
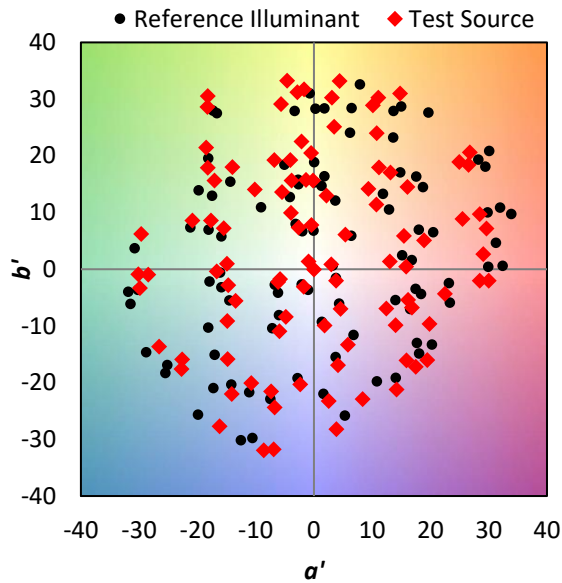
TM-30-18

Summary

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

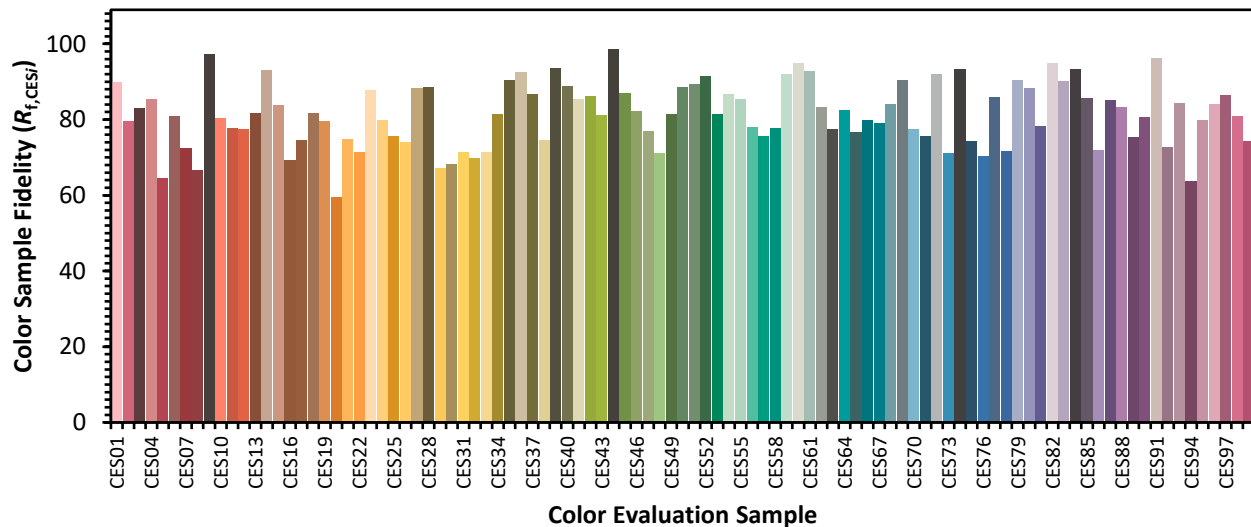


Color Vector Graphics

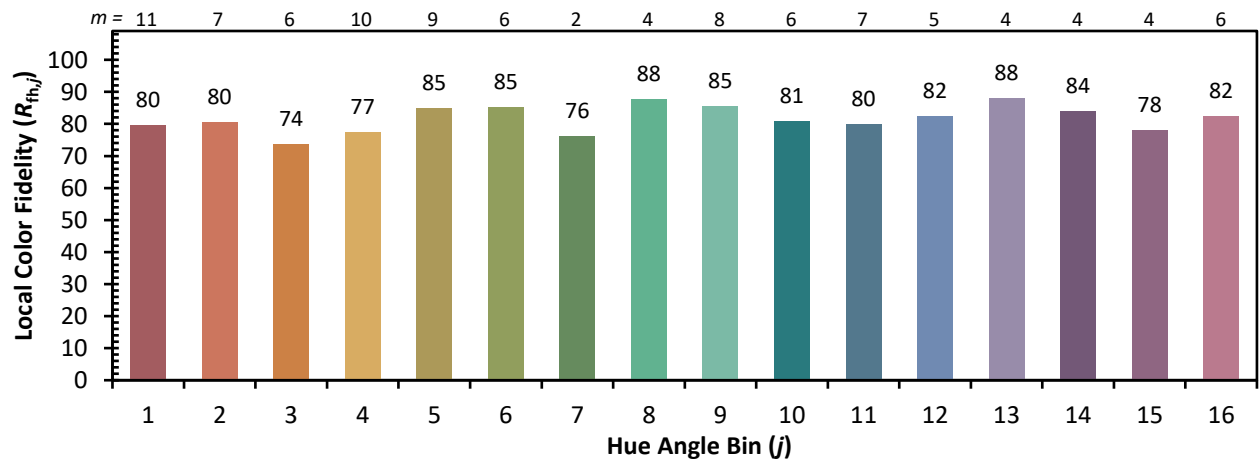
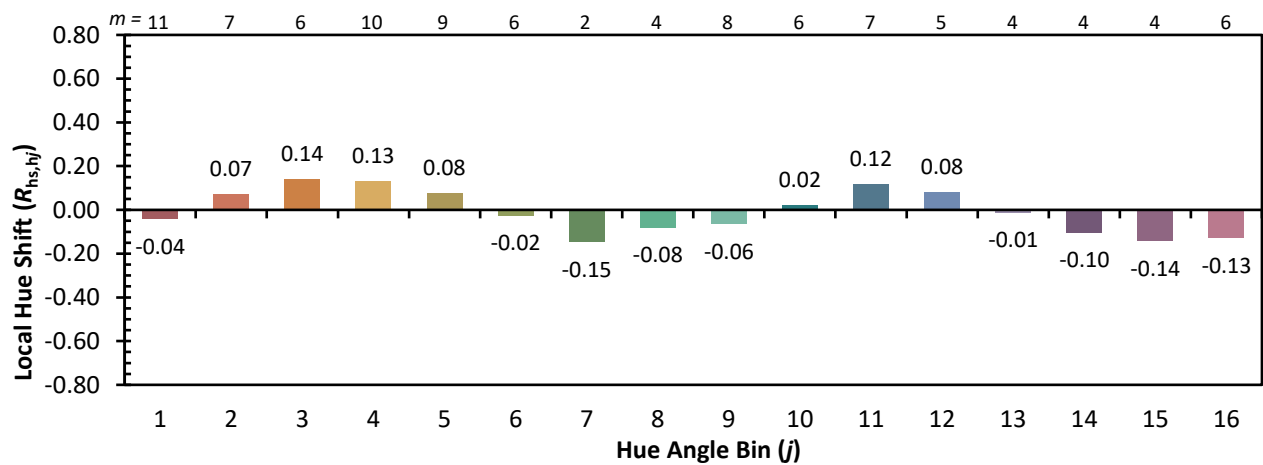
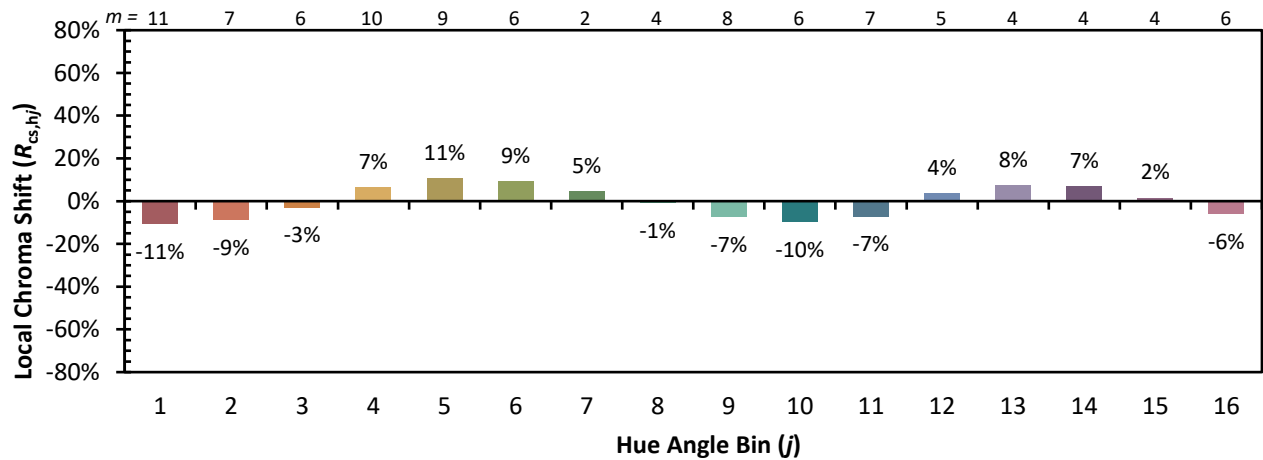


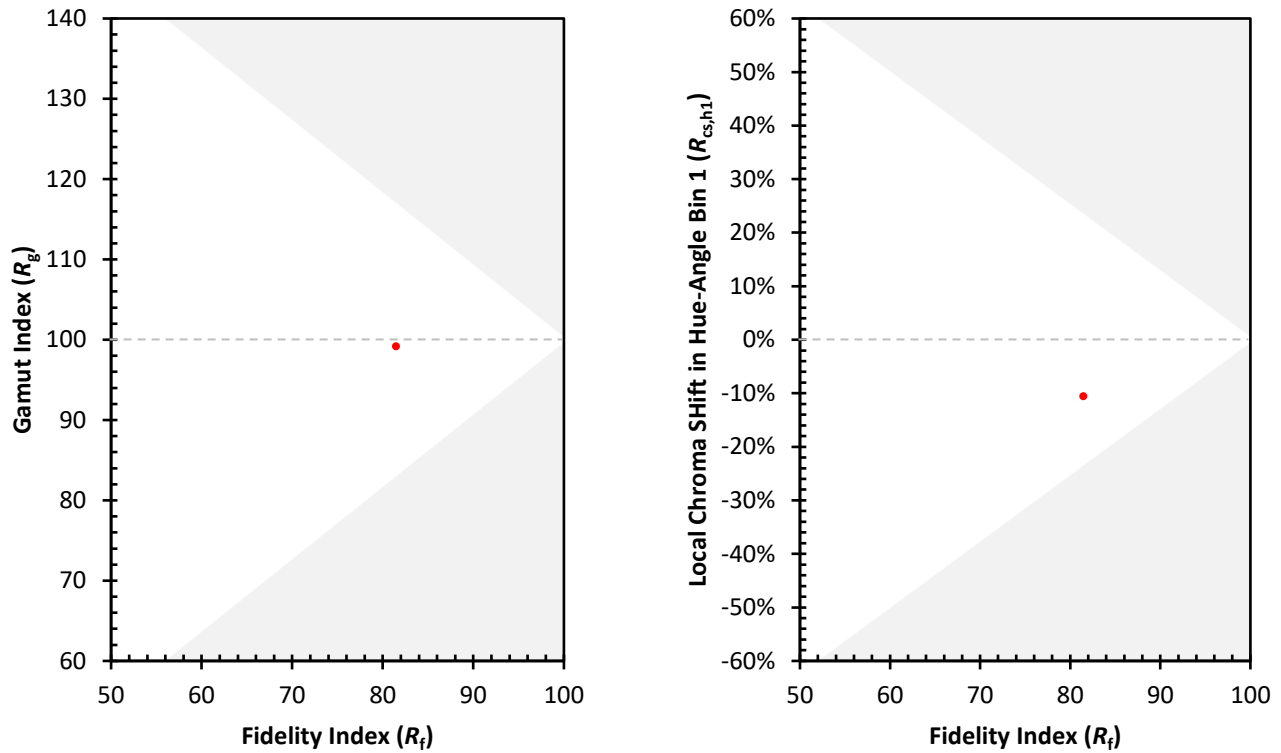
Individual Sample Fidelity Index ($R_{f,i}$)

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)