

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: P991149

Luminaire Tested: **GPC-SA2C-830-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991149
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2C-830-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 80CRI
3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8595.8 lumens
Efficiency: N/A
Efficacy: 90.6 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 94.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



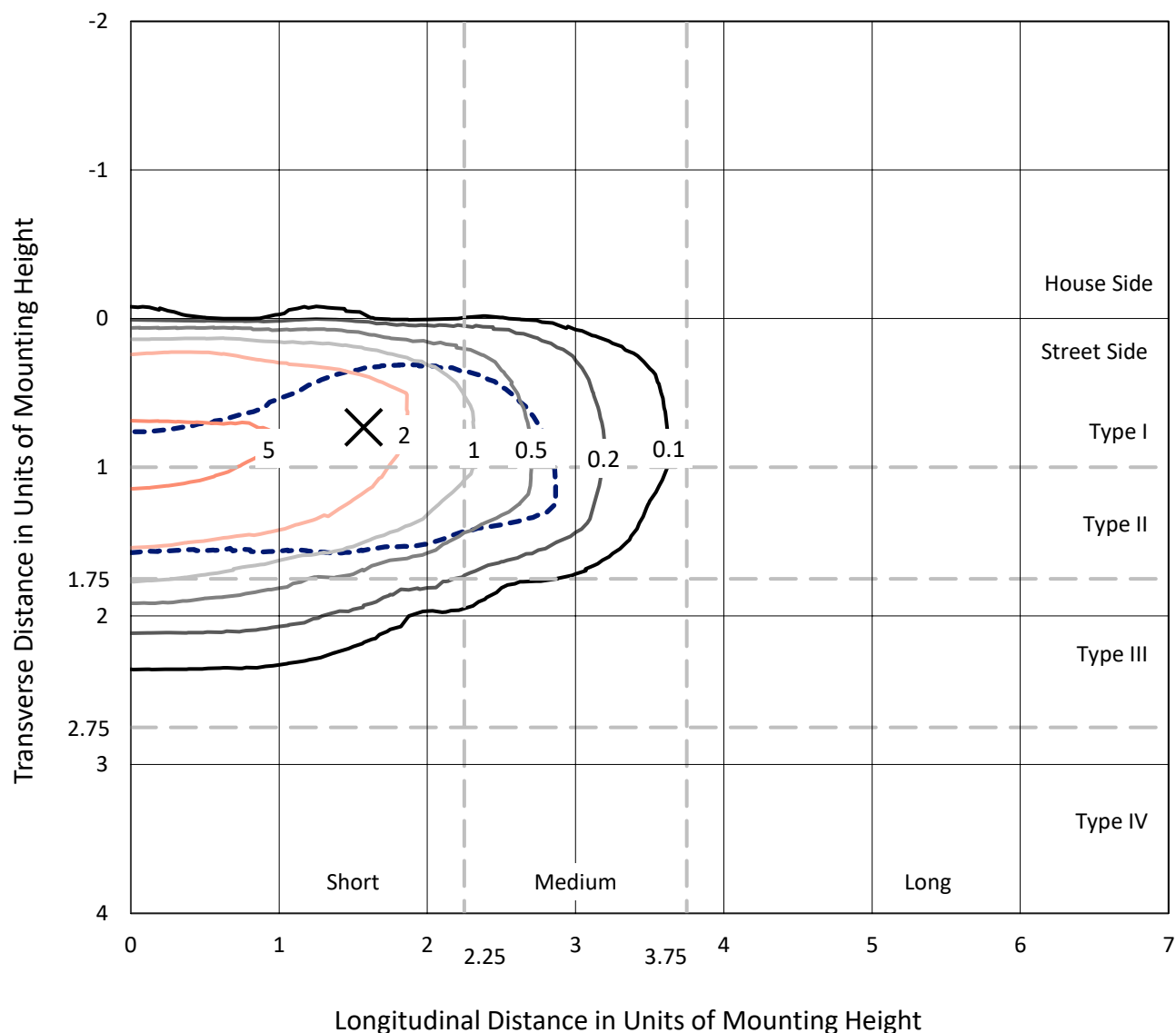
REPORT NUMBER: P991149

CATALOG NUMBER: GPC-SA2C-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

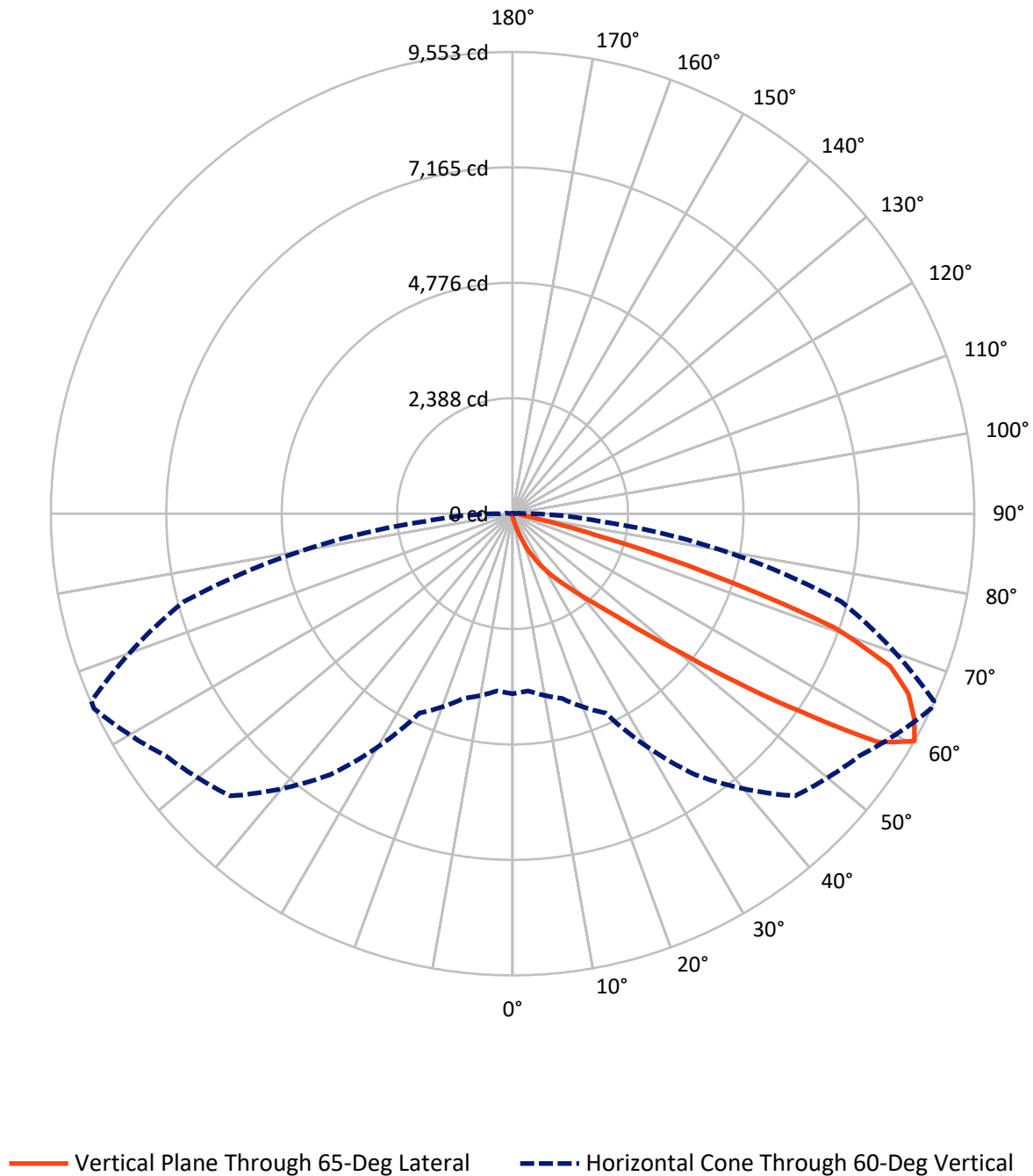


Based on 20 foot mounting height. Maximum calculated value = 6.9 fc

Type II - Short - N/A

REPORT NUMBER: P991149
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Luminous Intensity Polar Plot



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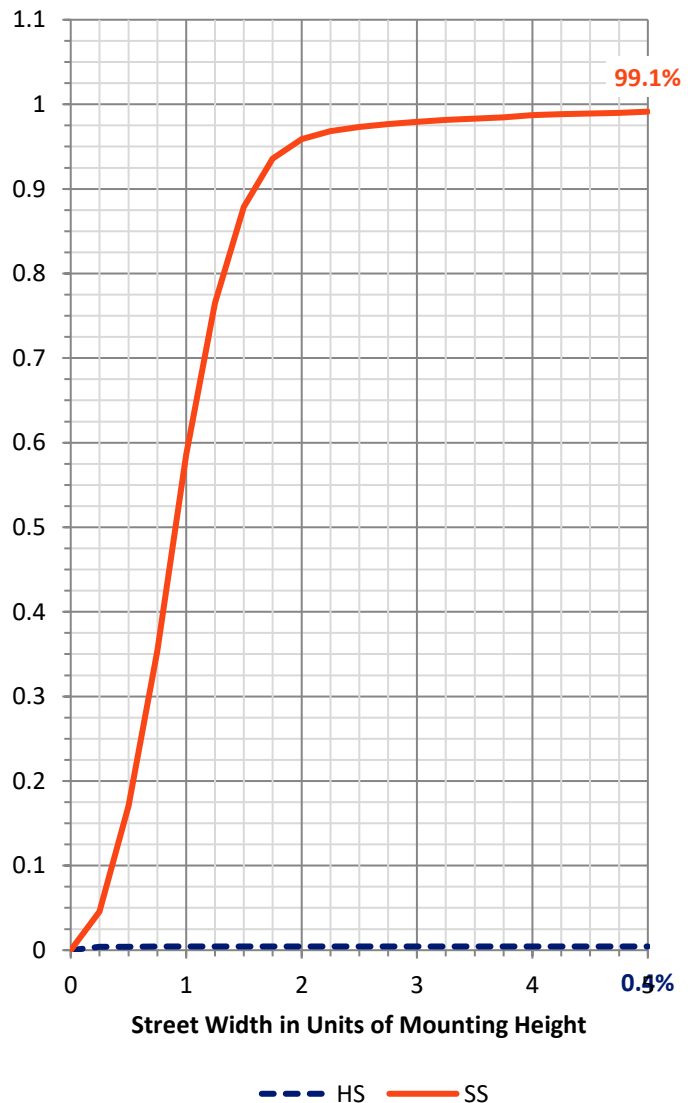
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.3	0.0	38.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8557.6	0.0	8557.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	8595.8	0.0	8595.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	0.1
10°-20°	94.9	1.1
20°-30°	291.0	3.4
30°-40°	756.1	8.8
40°-50°	1903.6	22.1
50°-60°	2759.4	32.1
60°-70°	2128.3	24.8
70°-80°	587.2	6.8
80°-90°	64.1	0.7
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°	8595.8	100.0
0°-180°	8595.8	100.0



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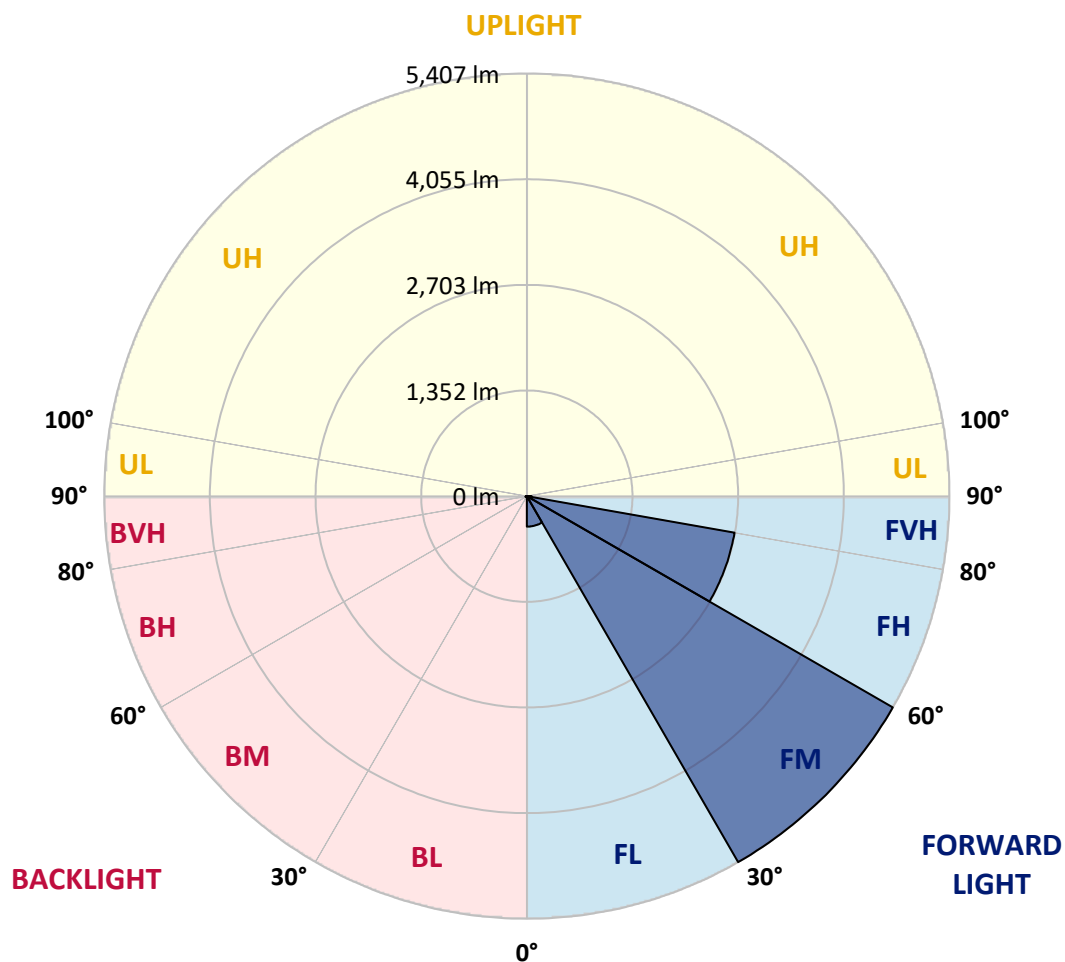
CATALOG NUMBER: GPC-SA2C-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	390.2	4.5			
FM	(30°-60°)	5406.5	62.9			
FH	(60°-80°)	2698.3	31.4			G2/5000
FVH	(80°-90°)	62.5	0.7			G1/100
BL	(0°-30°)	7.1	0.1	B0/110		
BM	(30°-60°)	12.5	0.1	B0/220		
BH	(60°-80°)	17.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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-G2

Type II Short



REPORT NUMBER: P991149

CATALOG NUMBER: GPC-SA2C-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
2.5°	99.1	99.1	97.5	94.2	86.1	81.2	76.3	71.5	69.8	66.6	63.3
5°	180.3	177.1	175.4	159.2	142.9	123.5	104.0	87.7	86.1	74.7	65.0
7.5°	378.5	378.5	346.0	307.0	263.1	203.0	149.4	115.3	110.5	86.1	66.6
10°	618.9	620.5	599.4	537.7	458.1	357.4	242.0	149.4	146.2	100.7	68.2
12.5°	834.9	833.3	812.2	768.3	680.6	553.9	380.1	216.0	203.0	117.0	68.2
15°	973.0	973.0	969.7	947.0	885.3	755.3	563.6	316.7	302.1	141.3	69.8
17.5°	1107.8	1115.9	1104.6	1094.8	1049.3	951.9	755.3	456.4	427.2	180.3	73.1
20°	1270.2	1278.4	1273.5	1258.9	1202.0	1115.9	947.0	617.3	588.0	245.3	79.6
22.5°	1458.7	1465.2	1455.4	1450.5	1379.1	1270.2	1124.0	810.5	766.7	328.1	87.7
25°	1690.9	1686.1	1682.8	1655.2	1585.4	1466.8	1291.4	989.2	955.1	438.6	99.1
27.5°	1963.8	1957.3	1936.2	1900.5	1798.2	1668.2	1470.0	1179.3	1146.8	571.8	115.3
30°	2332.6	2293.6	2262.7	2183.1	2046.7	1874.5	1669.8	1366.1	1330.3	731.0	133.2
32.5°	2852.4	2841.0	2720.8	2512.9	2316.3	2110.0	1892.4	1564.2	1526.9	895.0	157.6
35°	3784.7	3731.1	3521.6	2998.5	2629.8	2405.7	2118.1	1762.4	1723.4	1085.1	190.0
37.5°	4832.4	4785.3	4582.3	3952.0	3105.8	2711.0	2369.9	1986.6	1944.3	1293.0	230.7
40°	5883.4	5868.8	5792.4	5288.9	4070.6	3118.7	2702.9	2272.5	2223.7	1502.5	287.5
42.5°	7065.9	7023.7	6974.9	6804.4	5737.2	3935.8	3165.9	2599.0	2556.7	1760.8	368.7
45°	7441.1	7424.9	7483.4	7647.4	7483.4	5647.9	3883.8	3044.0	3001.8	2092.2	485.7
47.5°	7314.4	7298.2	7459.0	7728.6	8103.9	7702.7	4996.5	3682.4	3604.4	2488.5	659.5
50°	6674.4	6680.9	6965.2	7504.5	8042.1	8521.3	6854.7	4531.9	4478.3	3052.1	893.4
52.5°	6068.6	6079.9	6435.7	7126.0	7717.3	8552.2	8626.9	5768.1	5537.4	3742.5	1182.5
55°	5478.9	5462.7	5732.3	6771.9	7658.8	8129.9	9184.1	7218.6	7067.5	4637.5	1466.8
57.5°	4855.2	4835.7	4977.0	5750.2	7537.0	8188.3	9037.9	8925.8	8745.5	5665.7	1695.8
60°	3724.6	3680.8	3960.2	4551.4	6596.5	8259.8	8748.7	9552.8	9541.4	7043.2	1811.1
62.5°	1785.2	1856.6	2235.1	2876.7	4410.1	7626.3	8860.8	9320.5	9343.2	8258.2	2077.5
65°	911.3	927.5	1122.4	1570.7	2334.2	5482.2	8537.6	8998.9	8964.8	8021.0	2767.9
67.5°	614.0	622.1	713.1	950.2	1354.7	2296.8	6633.8	8420.6	8396.3	6836.9	3178.8
70°	544.2	547.4	570.1	646.5	812.2	1012.0	3037.5	7065.9	7247.8	5222.3	2902.7
72.5°	532.8	532.8	529.5	534.4	524.7	549.0	1065.6	4254.2	4518.9	3648.3	2352.1
75°	521.4	523.0	518.2	501.9	407.7	342.7	389.8	1791.7	1986.6	2400.8	1762.4
77.5°	487.3	490.6	505.2	464.6	370.4	242.0	222.5	568.5	664.4	1533.4	1291.4
80°	183.6	183.6	183.6	168.9	246.9	183.6	160.8	232.3	246.9	864.2	794.3
82.5°	134.8	133.2	126.7	117.0	99.1	92.6	131.6	175.4	175.4	404.5	302.1
85°	39.0	39.0	43.9	58.5	73.1	81.2	100.7	134.8	139.7	154.3	45.5
87.5°	17.9	17.9	22.7	29.2	39.0	58.5	84.5	115.3	117.0	128.3	8.1
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: P991149

CATALOG NUMBER: GPC-SA2C-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
2.5°	61.7	60.1	58.5	56.9	53.6	50.4	45.5	43.9	42.2	42.2	42.2
5°	61.7	58.5	53.6	48.7	45.5	40.6	37.4	35.7	34.1	32.5	32.5
7.5°	60.1	55.2	48.7	43.9	40.6	35.7	30.9	29.2	27.6	27.6	27.6
10°	60.1	53.6	45.5	40.6	35.7	29.2	24.4	22.7	21.1	19.5	19.5
12.5°	56.9	50.4	42.2	35.7	29.2	22.7	17.9	14.6	13.0	13.0	13.0
15°	55.2	48.7	39.0	30.9	22.7	16.2	11.4	8.1	6.5	8.1	8.1
17.5°	53.6	43.9	35.7	24.4	16.2	9.7	4.9	1.6	1.6	1.6	1.6
20°	53.6	42.2	30.9	19.5	11.4	4.9	1.6	0.0	0.0	0.0	0.0
22.5°	55.2	42.2	27.6	16.2	6.5	3.2	0.0	0.0	0.0	0.0	0.0
25°	56.9	40.6	24.4	11.4	4.9	1.6	0.0	0.0	0.0	0.0	0.0
27.5°	58.5	39.0	21.1	8.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	61.7	37.4	17.9	6.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	66.6	35.7	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	71.5	32.5	9.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	78.0	32.5	6.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	87.7	32.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	104.0	34.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	134.8	43.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	191.7	66.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	271.3	95.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	339.5	100.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	352.5	71.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	303.8	58.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	261.5	39.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	315.1	32.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	501.9	30.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	781.3	30.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	875.5	30.9	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	677.4	24.4	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	425.6	19.5	4.9	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	232.3	13.0	4.9	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	87.7	9.7	4.9	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.9	8.1	6.5	4.9	3.2	1.6	0.0	0.0	0.0	0.0	0.0
85°	11.4	6.5	6.5	4.9	4.9	1.6	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	6.5	6.5	6.5	4.9	1.6	0.0	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

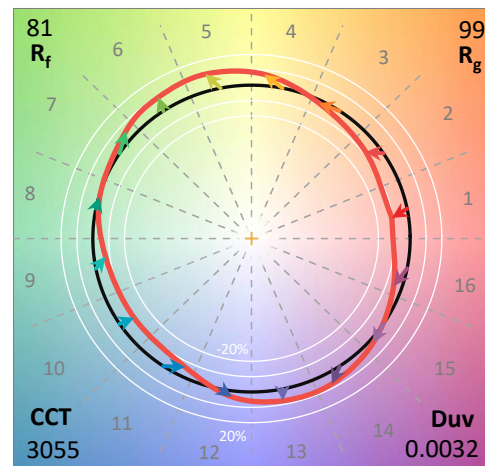
Test Information

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

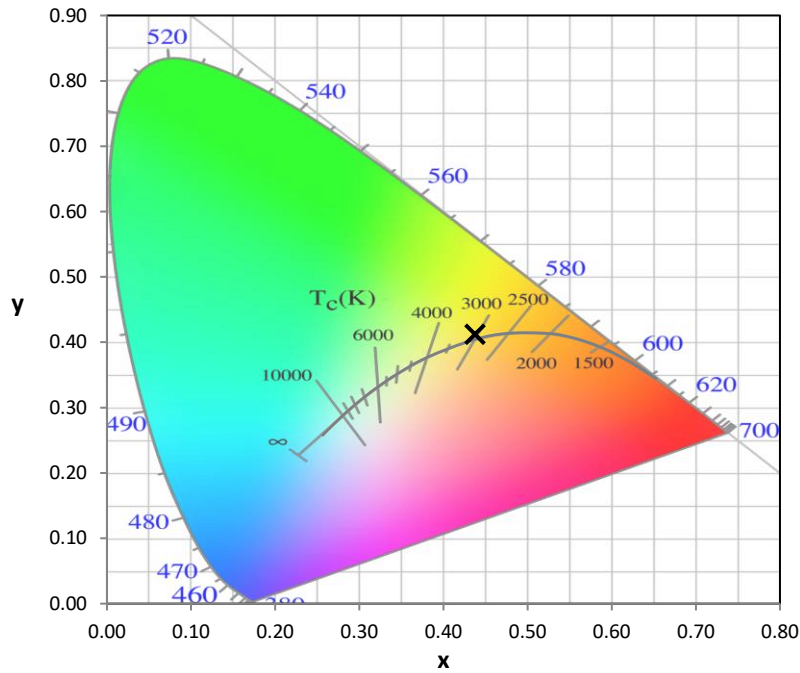
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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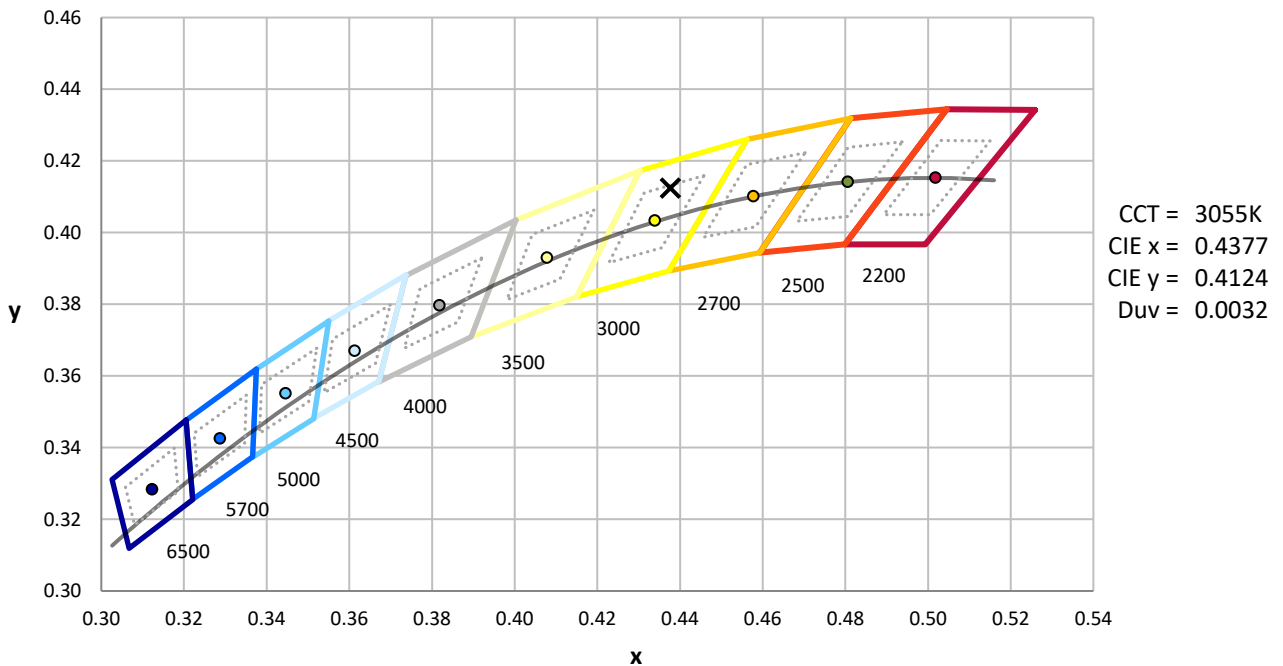
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



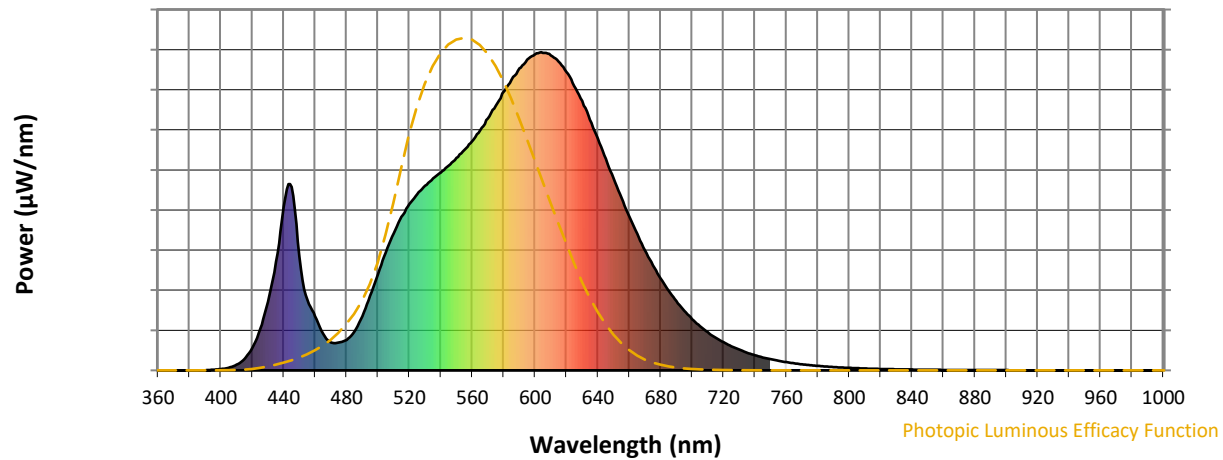
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

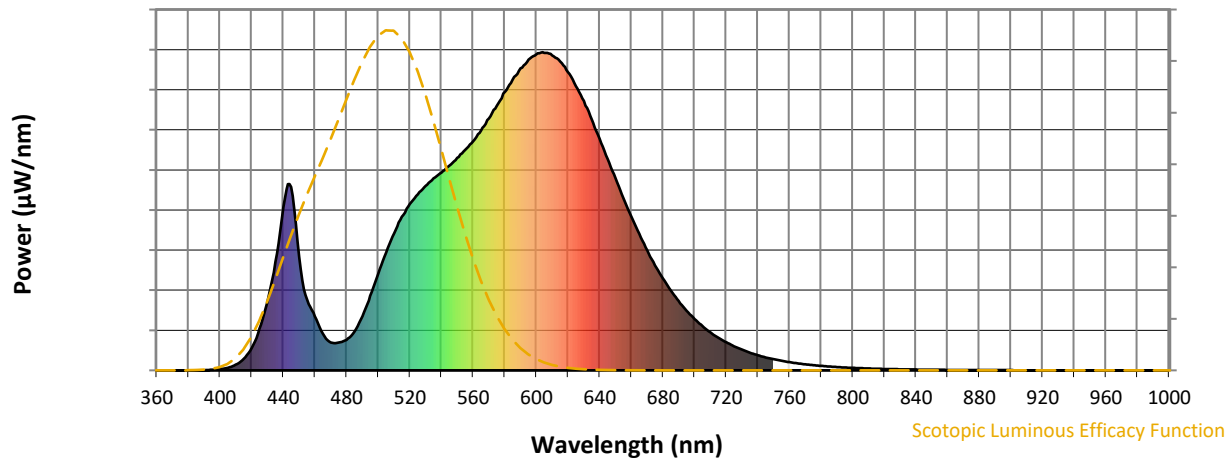


Photopic Lumens: NR

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



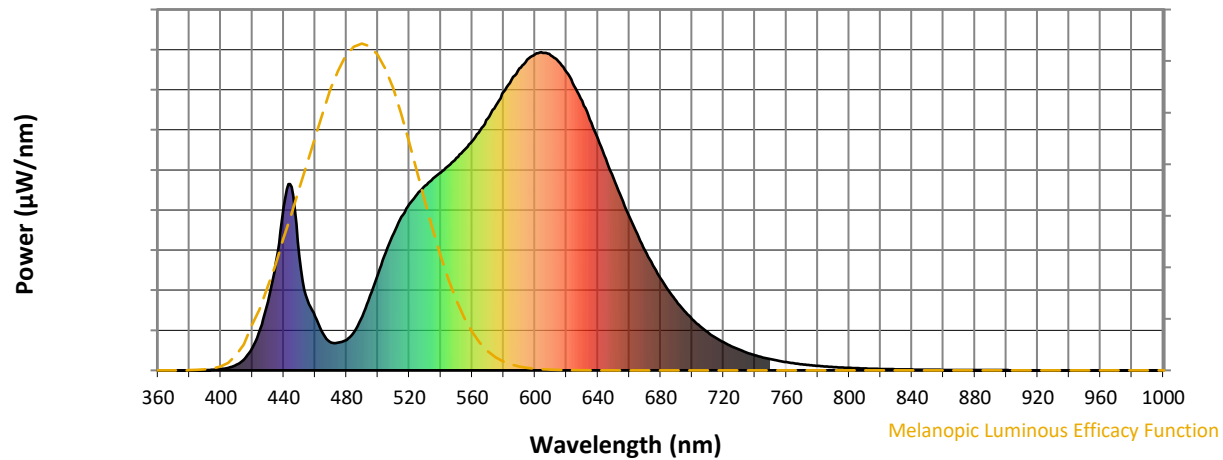
Scotopic Lumens: NR

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

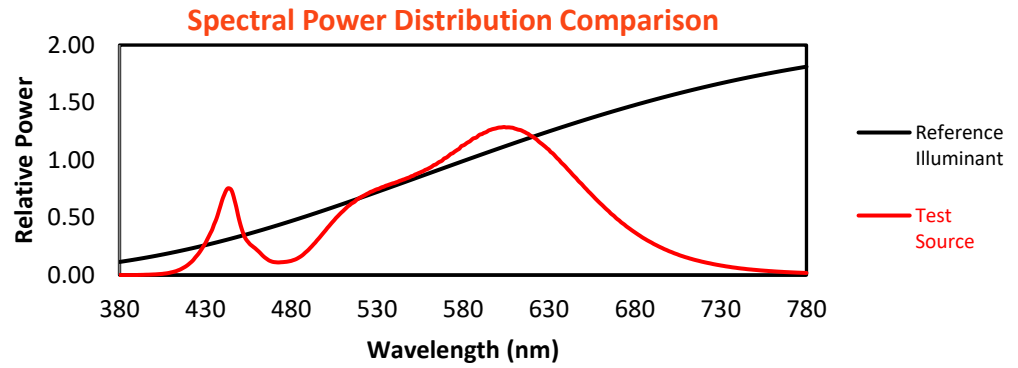
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	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			

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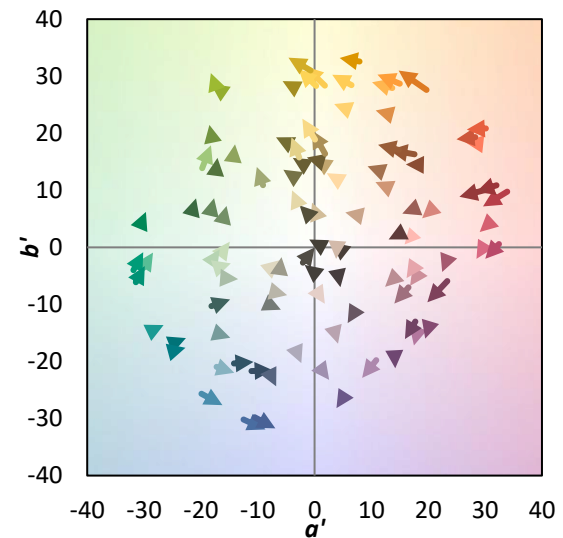
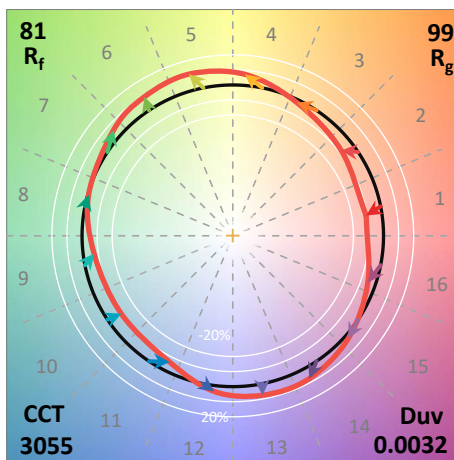
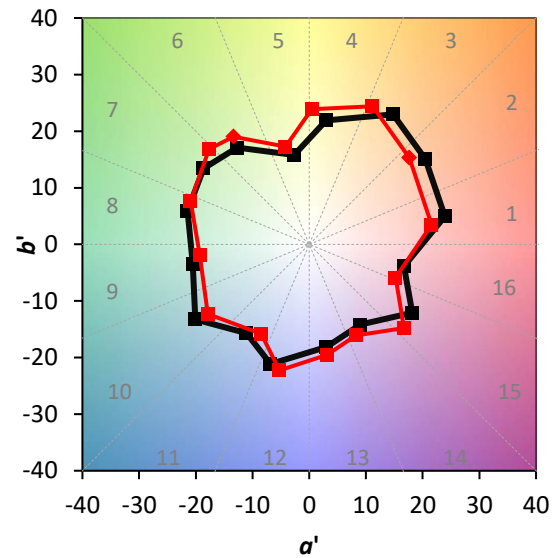
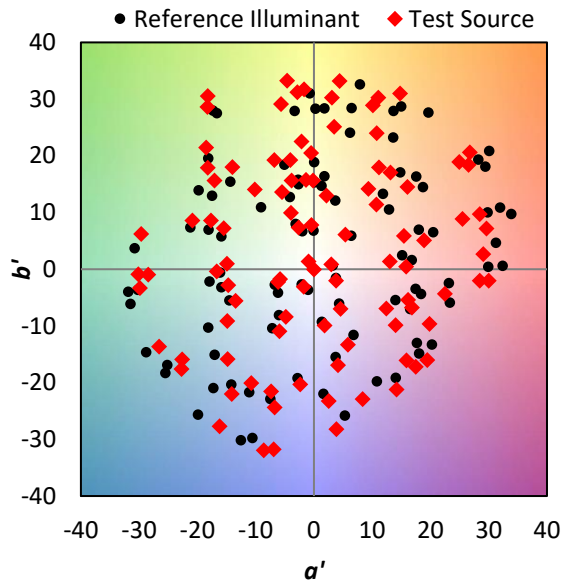
TM-30-18

Summary

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

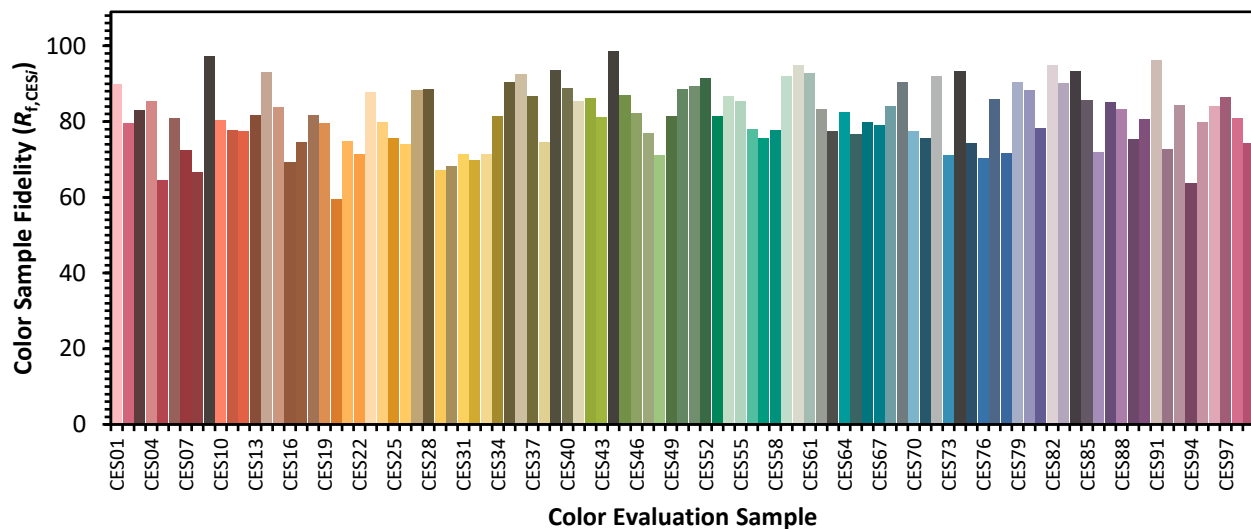


Color Vector Graphics

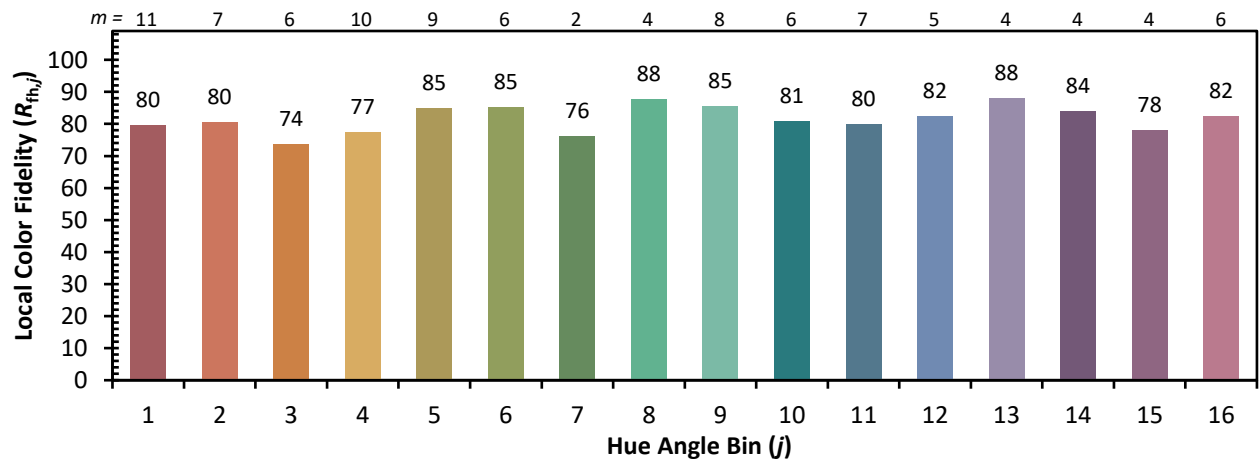
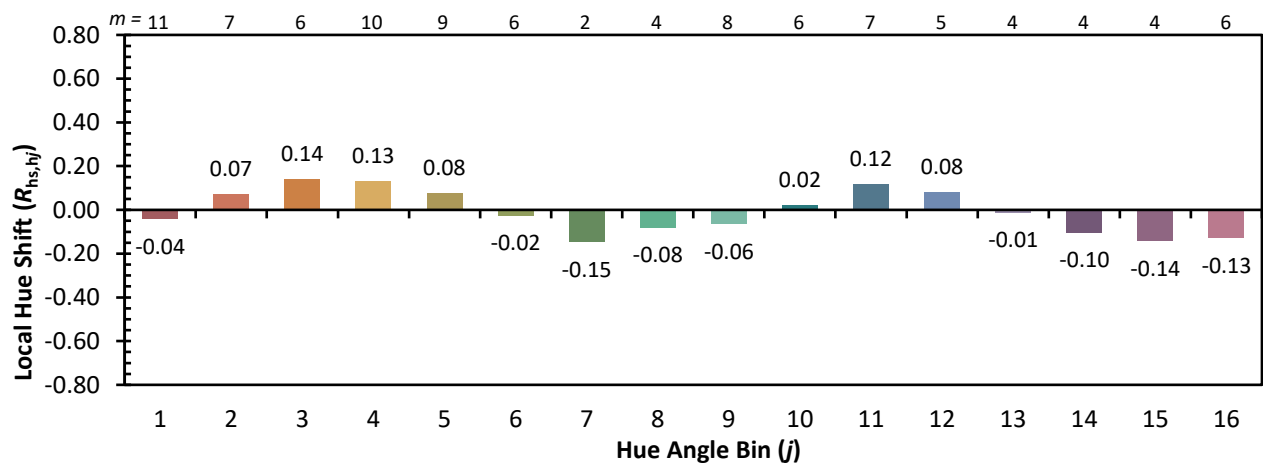
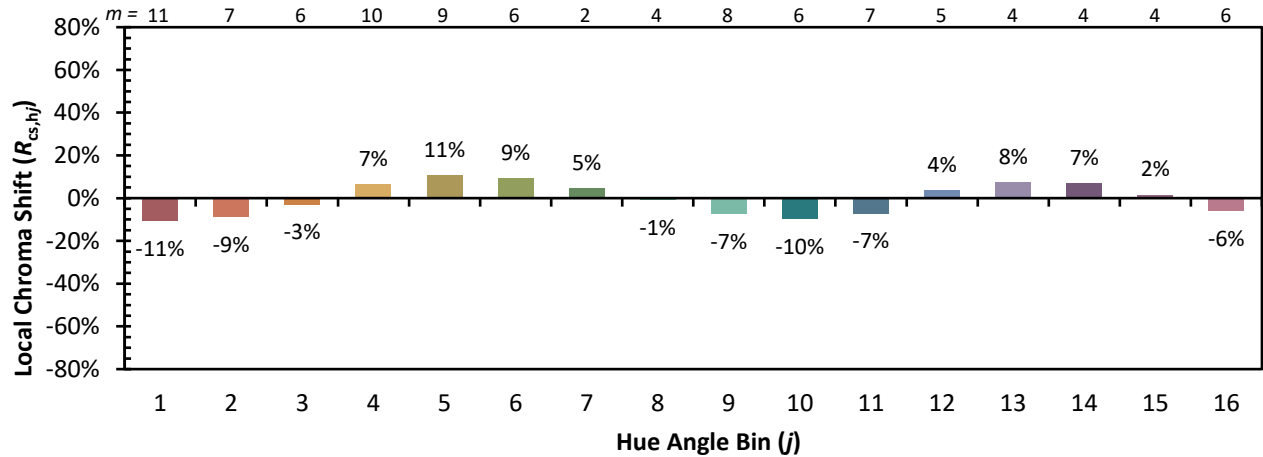


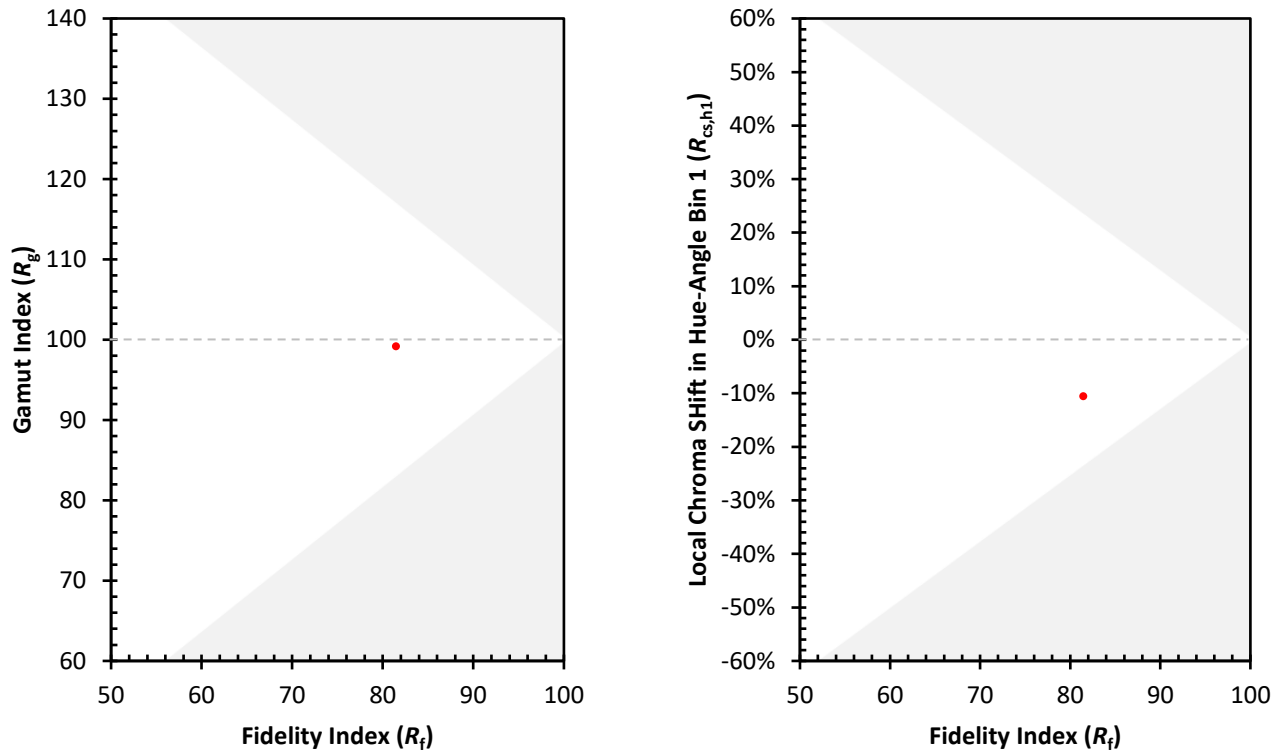
Individual Sample Fidelity Index ($R_{f,i}$)

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)