

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: P991076

Luminaire Tested: **GPC-SA2D-830-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991076
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-830-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 80CRI
3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9926.2 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

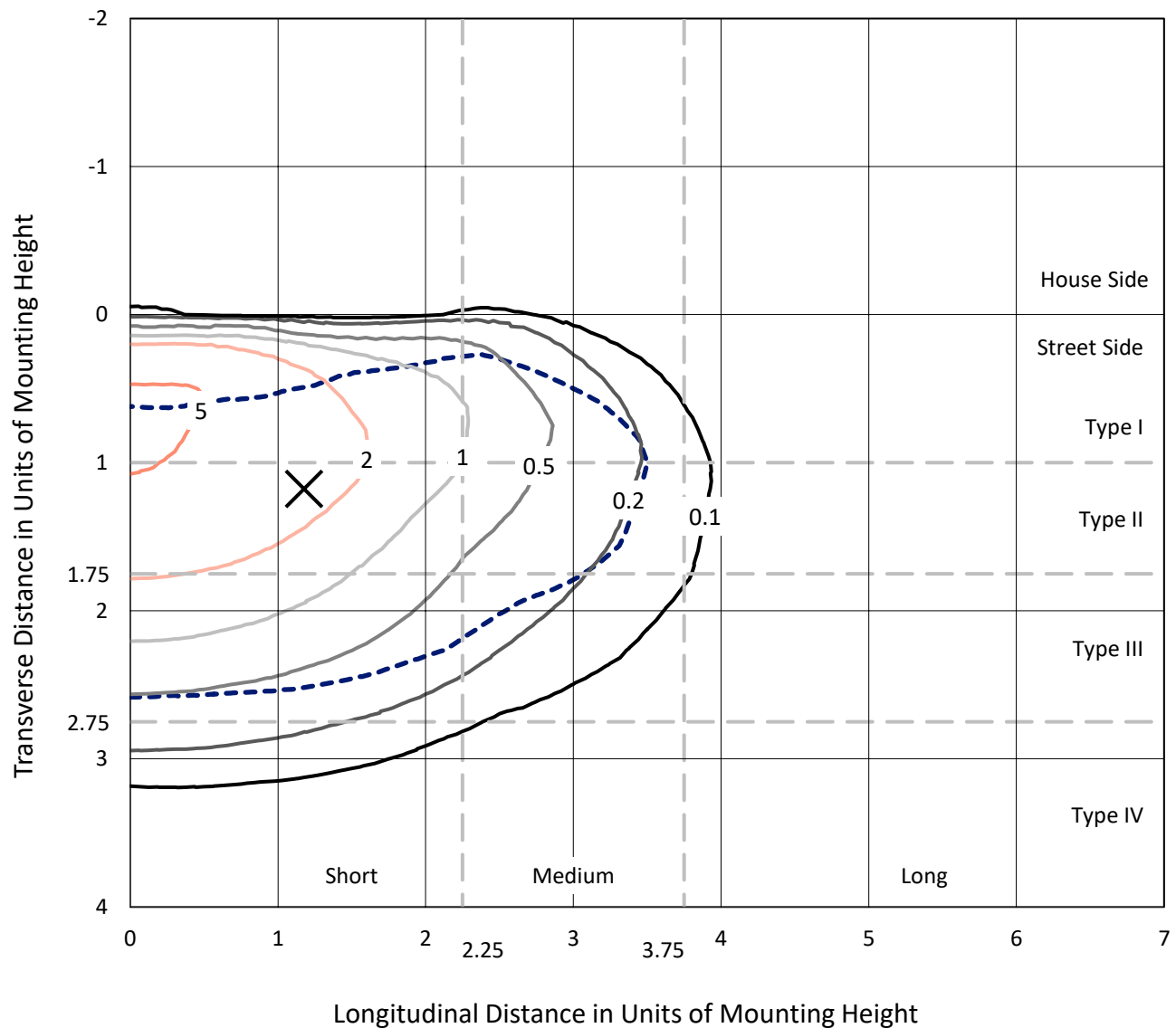
Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

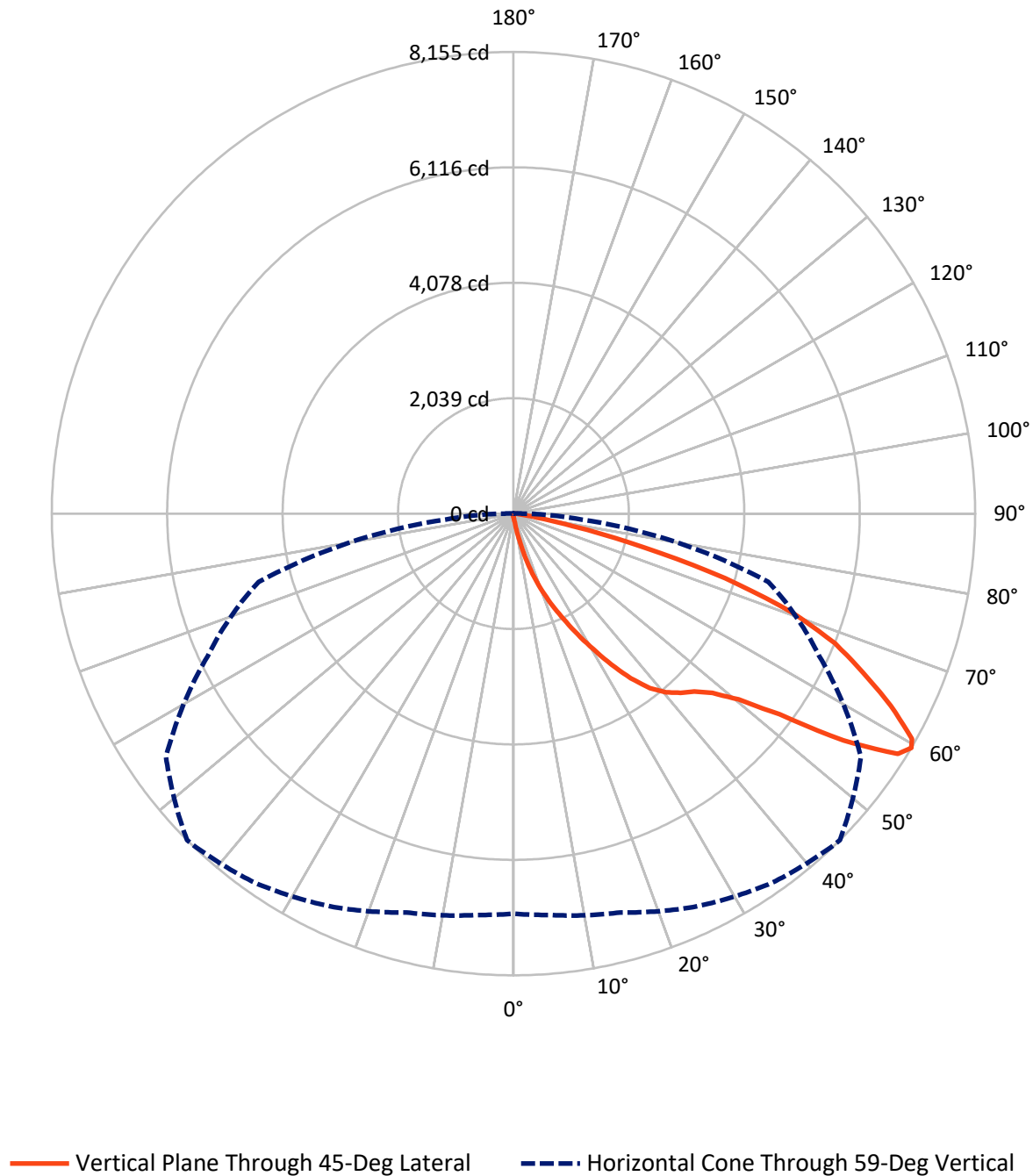
× Max cd
 --- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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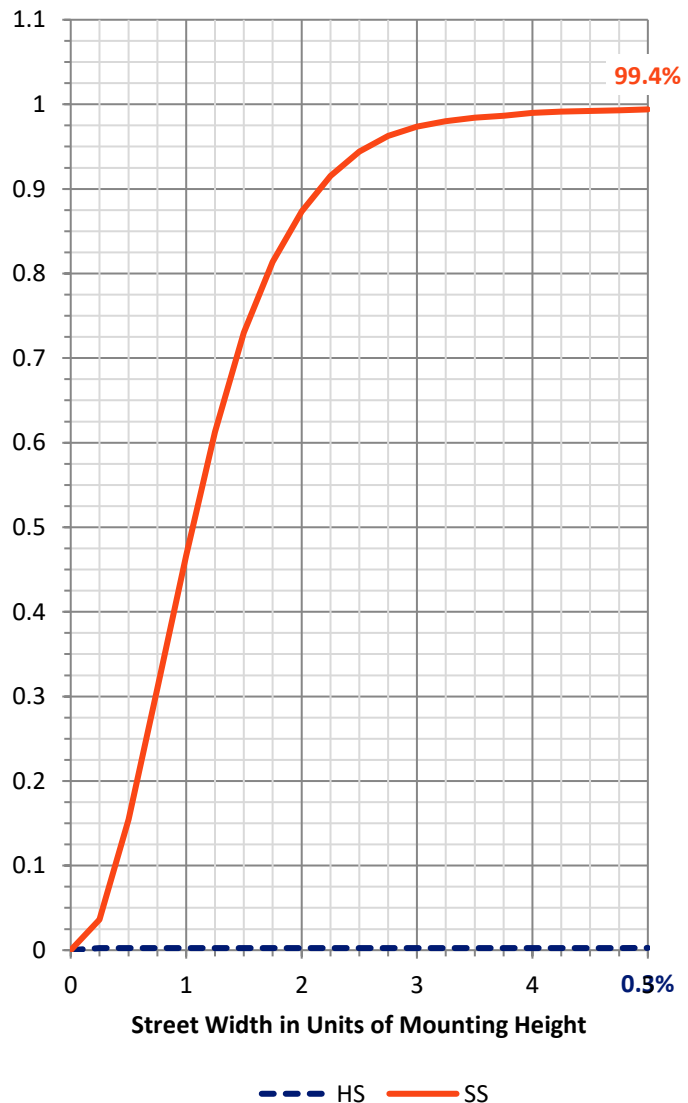
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.9	0.0	26.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9899.3	0.0	9899.3
	% Fixture	99.7	0.0	99.7
Total	Lumens	9926.2	0.0	9926.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.1
10°-20°	114.9	1.2
20°-30°	406.3	4.1
30°-40°	936.5	9.4
40°-50°	1579.8	15.9
50°-60°	2604.6	26.2
60°-70°	2958.8	29.8
70°-80°	1216.6	12.3
80°-90°	99.1	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°	9926.2	100.0
0°-180°	9926.2	100.0



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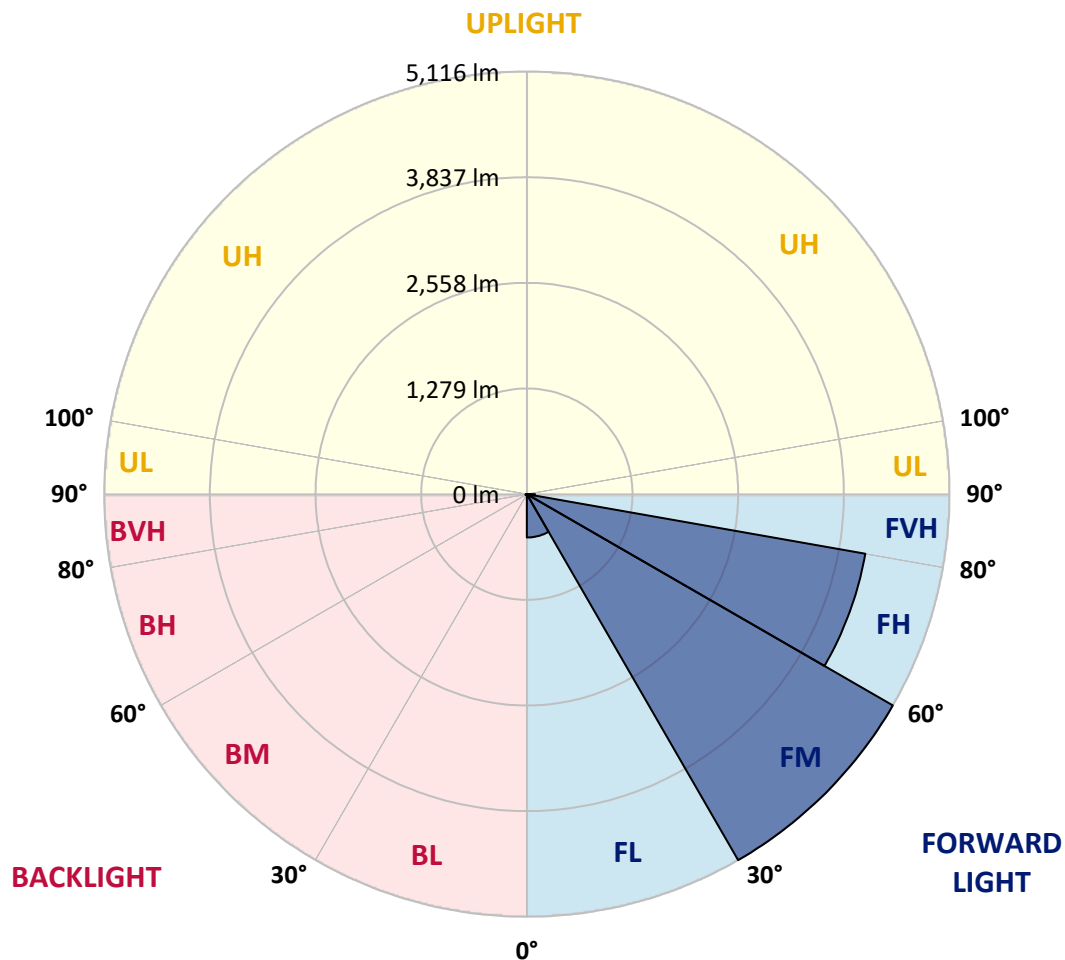
CATALOG NUMBER: GPC-SA2D-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	525.3	5.3			
FM	(30°-60°)	5115.8	51.5			
FH	(60°-80°)	4160.0	41.9			G2/5000
FVH	(80°-90°)	98.3	1.0			G1/100
BL	(0°-30°)	5.7	0.1	B0/110		
BM	(30°-60°)	5.1	0.1	B0/220		
BH	(60°-80°)	15.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	74.1	74.9	74.1	73.3	70.1	66.8	66.8	64.4	62.0	59.6	57.2
5°	130.5	127.3	124.0	116.8	103.1	91.0	89.4	78.9	70.1	63.6	58.0
7.5°	331.0	322.2	291.5	255.3	194.1	149.0	147.4	111.9	84.6	69.3	58.8
10°	691.0	666.9	620.1	542.8	419.6	306.9	282.7	172.4	111.1	76.5	59.6
12.5°	1050.2	1051.0	1006.7	901.2	750.6	569.4	538.0	311.7	158.7	89.4	60.4
15°	1365.9	1357.9	1319.2	1244.3	1081.6	872.2	844.0	535.6	240.0	107.1	62.0
17.5°	1607.5	1596.3	1572.9	1522.2	1403.0	1196.8	1167.0	807.8	372.1	130.5	62.8
20°	1891.0	1883.0	1853.2	1783.1	1674.4	1510.1	1467.4	1105.8	567.0	169.1	64.4
22.5°	2242.2	2218.8	2182.6	2093.2	1958.7	1782.3	1767.8	1408.6	806.2	229.5	67.7
25°	2648.1	2615.1	2572.4	2459.6	2293.7	2079.5	2061.8	1705.8	1063.9	320.5	72.5
27.5°	3140.2	3109.6	3033.1	2887.3	2688.4	2432.3	2412.1	2009.4	1349.8	444.6	78.9
30°	3673.4	3633.9	3507.5	3318.2	3128.9	2826.1	2777.8	2320.3	1635.7	599.2	87.8
32.5°	4170.3	4119.5	3963.3	3739.4	3541.3	3221.5	3178.9	2671.5	1936.1	783.6	101.5
35°	4610.8	4551.2	4334.6	4090.6	3891.6	3609.7	3571.1	3012.9	2227.7	993.0	118.4
37.5°	4961.2	4921.7	4622.1	4346.7	4184.8	3935.1	3909.3	3379.4	2552.3	1234.7	141.7
40°	5322.8	5270.4	4918.5	4571.4	4387.7	4179.9	4149.3	3674.2	2863.9	1495.6	170.7
42.5°	5628.8	5579.7	5248.7	4880.6	4593.9	4346.7	4327.3	3921.4	3166.0	1767.0	208.6
45°	5952.6	5908.3	5611.9	5323.6	4893.5	4512.6	4479.6	4126.0	3460.7	2084.3	258.5
47.5°	6397.2	6338.4	6055.7	5834.2	5342.1	4767.9	4730.8	4326.5	3759.5	2416.2	327.8
50°	6953.7	6911.0	6706.4	6530.1	6008.2	5233.4	5154.5	4586.7	4043.0	2796.3	418.0
52.5°	7494.1	7479.6	7494.1	7431.3	7034.2	6041.2	5887.4	5024.0	4403.8	3193.4	535.6
55°	7561.8	7606.1	7780.8	7982.2	7916.1	7198.5	7068.9	5690.0	4850.0	3694.3	715.2
57.5°	7316.9	7341.9	7565.0	7920.2	8133.6	8024.1	8007.9	6792.6	5479.8	4289.5	985.0
59°	7066.4	7115.6	7293.6	7656.0	7962.0	8142.4	8155.3	7492.5	5959.0	4660.0	1207.3
60°	6927.1	6942.4	7080.1	7436.9	7765.5	8050.6	8087.7	7850.9	6336.8	4939.4	1406.2
62.5°	6487.4	6495.4	6569.5	6850.6	7141.3	7403.9	7482.0	8069.2	7385.4	5640.1	2109.3
65°	5912.3	5922.8	6034.7	6304.6	6581.6	6758.0	6791.0	7457.1	7937.9	6369.8	3091.1
67.5°	4875.8	4934.6	5077.1	5502.4	5892.2	6103.2	6127.4	6377.8	7635.9	6863.5	3610.5
70°	3301.3	3245.7	3599.3	4191.2	4895.9	5213.3	5214.9	5324.4	6500.3	6741.9	3010.5
72.5°	1441.6	1530.2	1788.0	2309.0	3162.7	3927.9	3911.8	4283.8	5184.3	5727.9	2238.2
75°	633.0	653.2	761.9	1038.1	1438.4	2133.5	2379.1	3439.0	3902.1	3745.8	1627.7
77.5°	340.7	345.5	374.5	434.1	550.1	1007.5	1063.9	2178.6	2766.5	2159.2	1051.8
80°	129.7	129.7	135.3	155.4	229.5	393.8	422.8	984.2	1908.8	1103.4	531.6
82.5°	81.3	79.7	80.5	81.3	93.4	134.5	143.4	391.4	901.2	544.4	140.1
85°	41.1	42.7	47.5	57.2	67.7	83.0	85.4	122.4	273.8	127.3	36.2
87.5°	26.6	27.4	29.8	38.7	47.5	60.4	62.0	85.4	108.7	89.4	7.2
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: GPC-SA2D-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	56.4	54.8	52.4	49.9	47.5	43.5	40.3	38.7	37.9	37.0	37.0
5°	55.6	53.2	48.3	44.3	40.3	35.4	31.4	29.0	28.2	27.4	27.4
7.5°	54.8	50.7	45.1	39.5	33.8	28.2	23.4	20.9	20.1	19.3	18.5
10°	54.0	49.1	41.1	34.6	28.2	21.7	16.9	13.7	12.9	12.1	12.1
12.5°	53.2	46.7	37.9	30.6	22.6	15.3	11.3	8.1	6.4	5.6	5.6
15°	52.4	44.3	35.4	25.8	16.9	9.7	4.8	2.4	0.8	0.8	0.8
17.5°	49.9	41.9	31.4	20.1	11.3	4.8	1.6	0.0	0.0	0.0	0.0
20°	48.3	39.5	27.4	15.3	6.4	2.4	0.0	0.0	0.0	0.0	0.0
22.5°	47.5	37.9	23.4	10.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0
25°	47.5	36.2	19.3	8.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	48.3	34.6	15.3	5.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	46.7	33.0	11.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	46.7	29.8	8.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	47.5	25.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	49.9	22.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	54.0	20.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	59.6	20.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.0	20.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	75.7	20.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	87.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	99.9	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	113.6	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	132.1	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	151.4	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	171.5	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	277.1	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	543.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	929.4	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	987.4	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	648.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	330.2	12.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	148.2	12.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	59.6	7.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	24.2	4.8	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.7	4.8	3.2	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	4.8	4.0	3.2	1.6	0.0	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

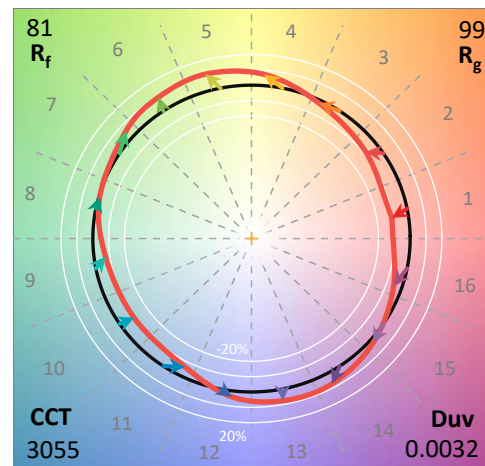
Test Information

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

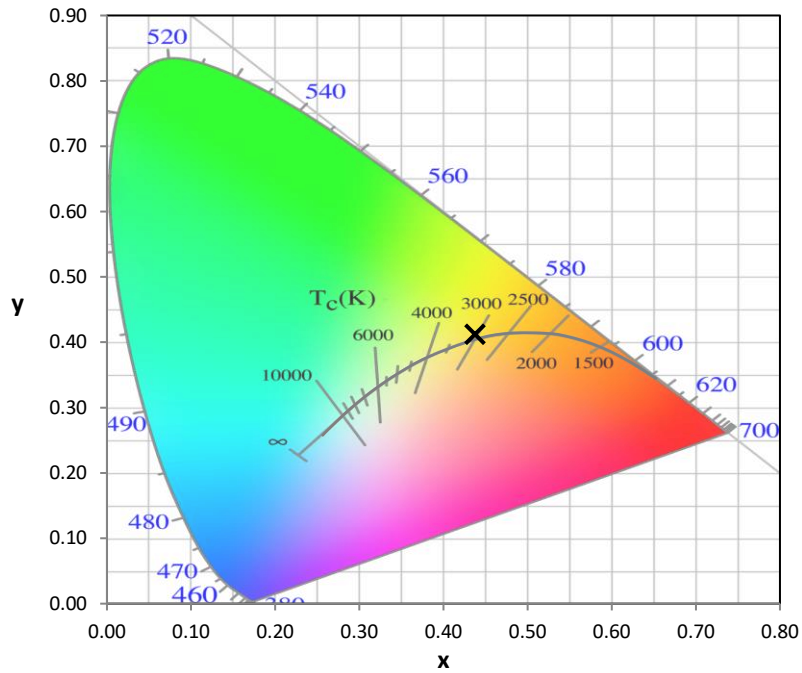
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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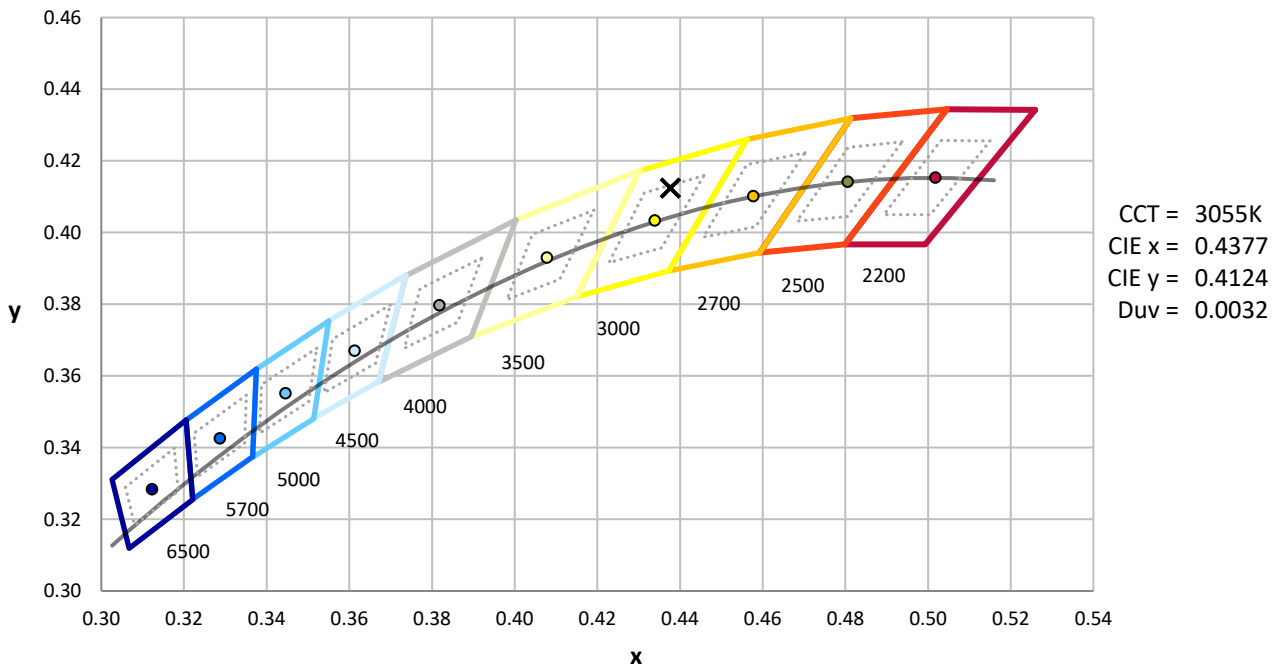
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



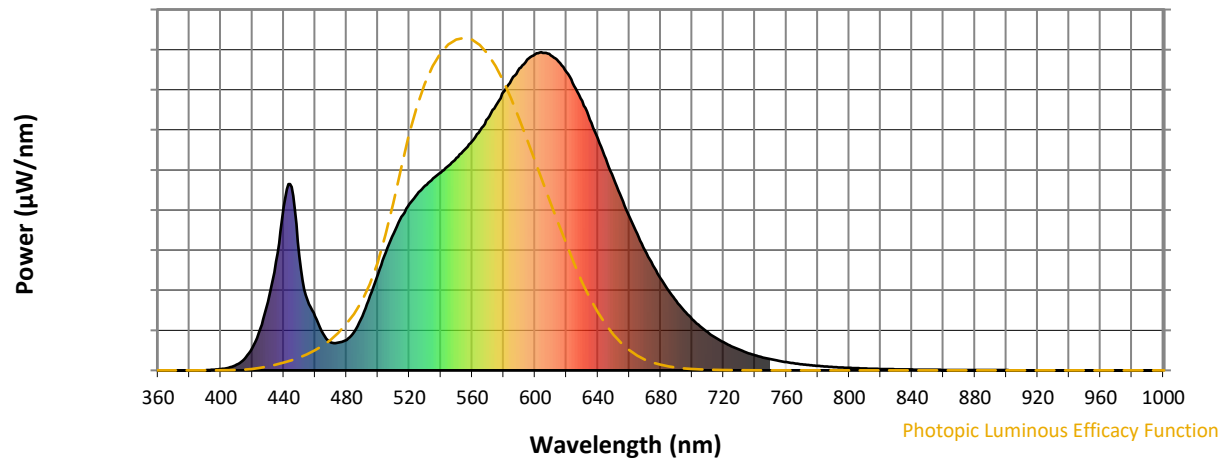
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

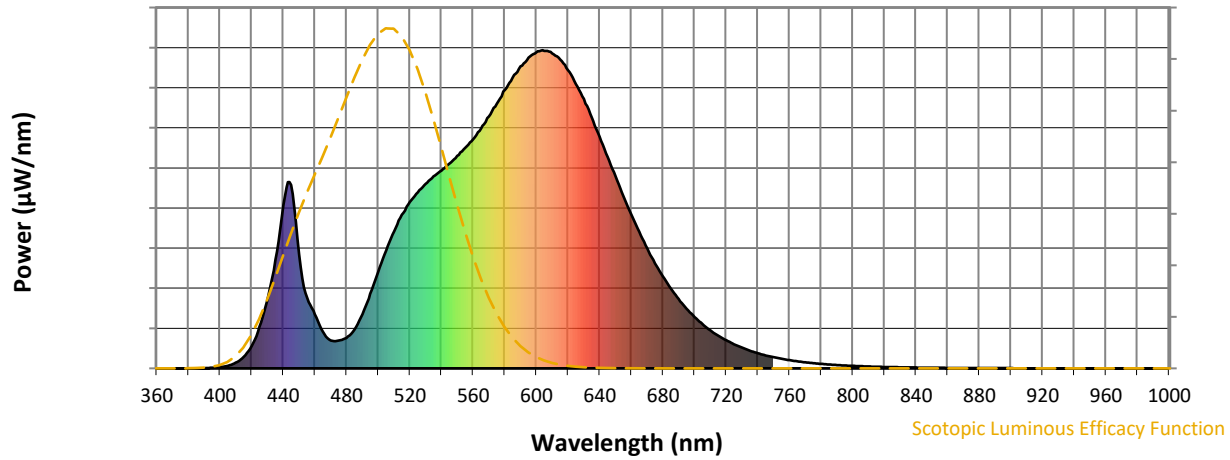


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



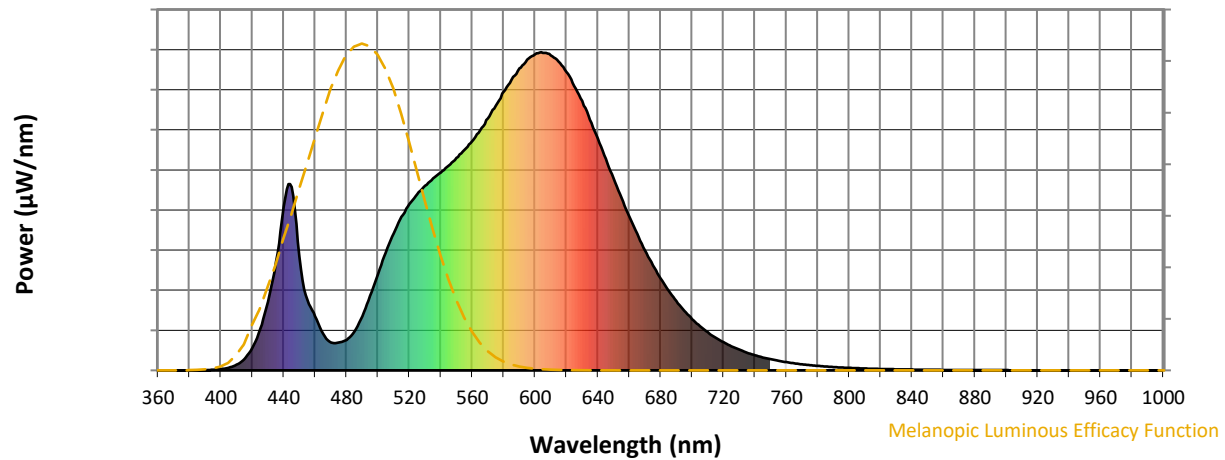
Scotopic Lumens: NR

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

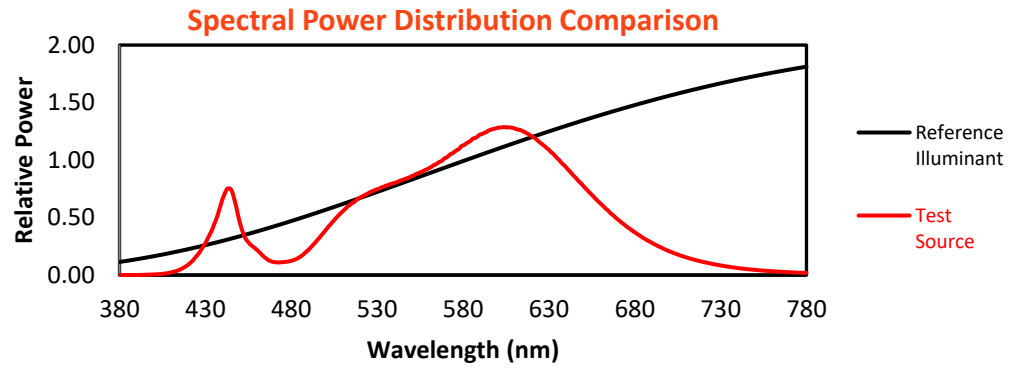
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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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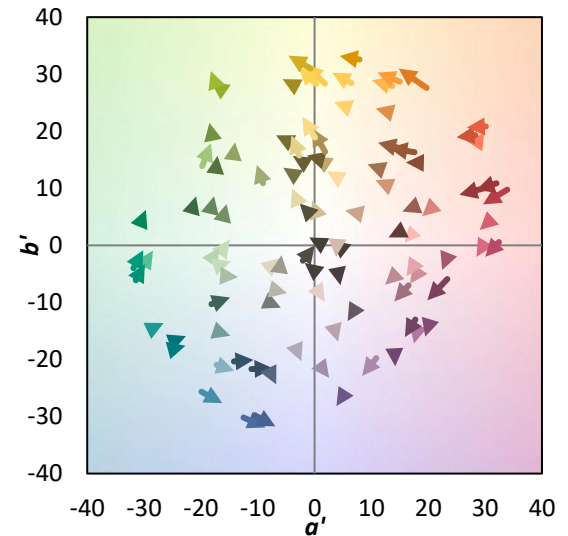
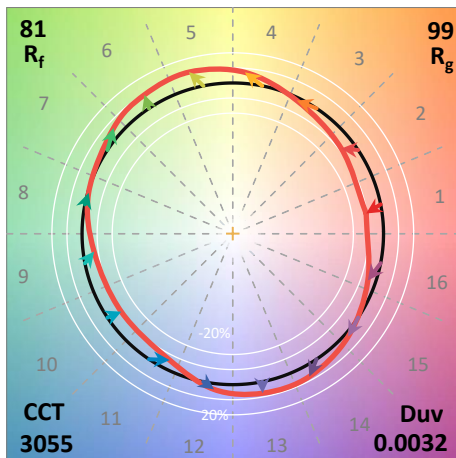
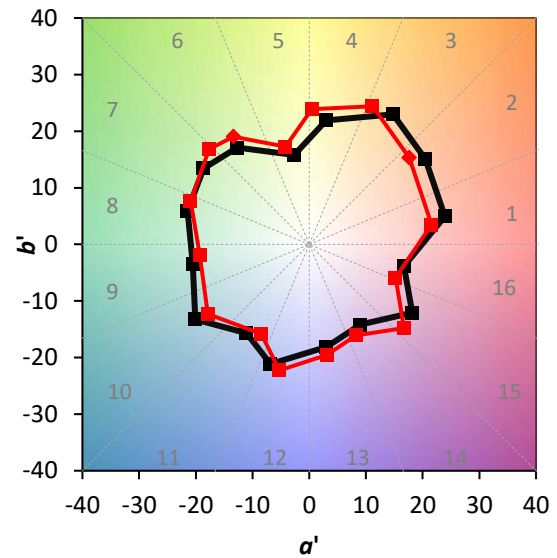
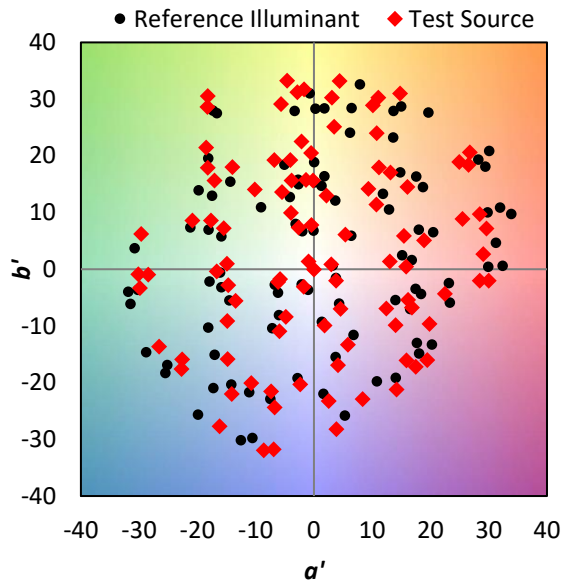
TM-30-18

Summary

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

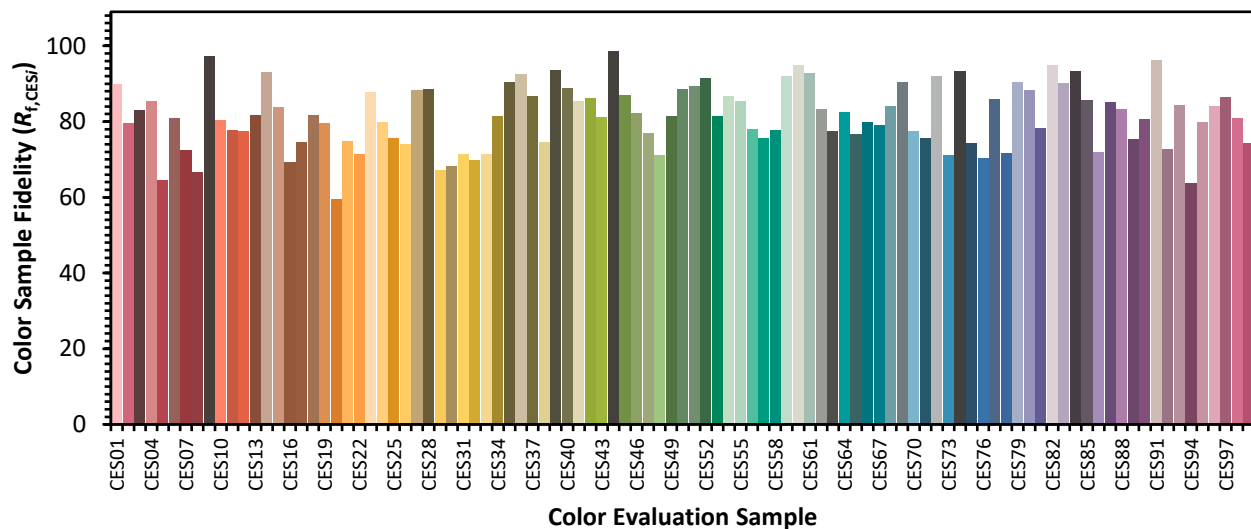


Color Vector Graphics

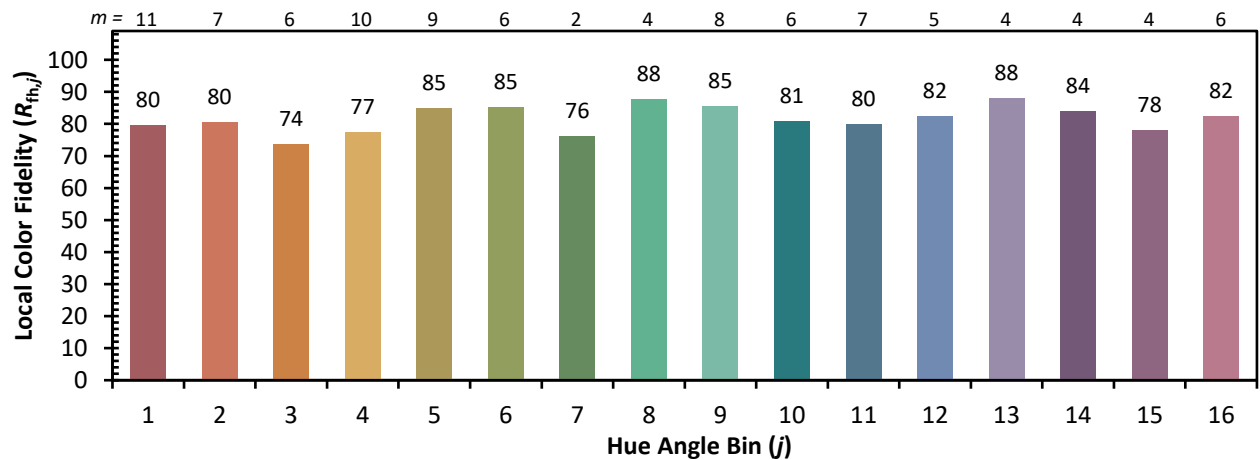
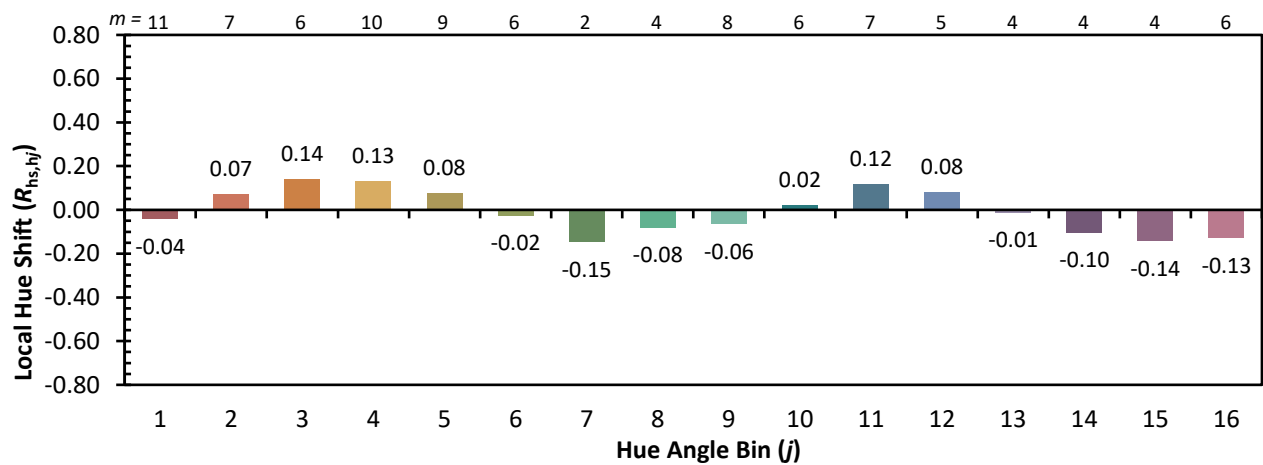
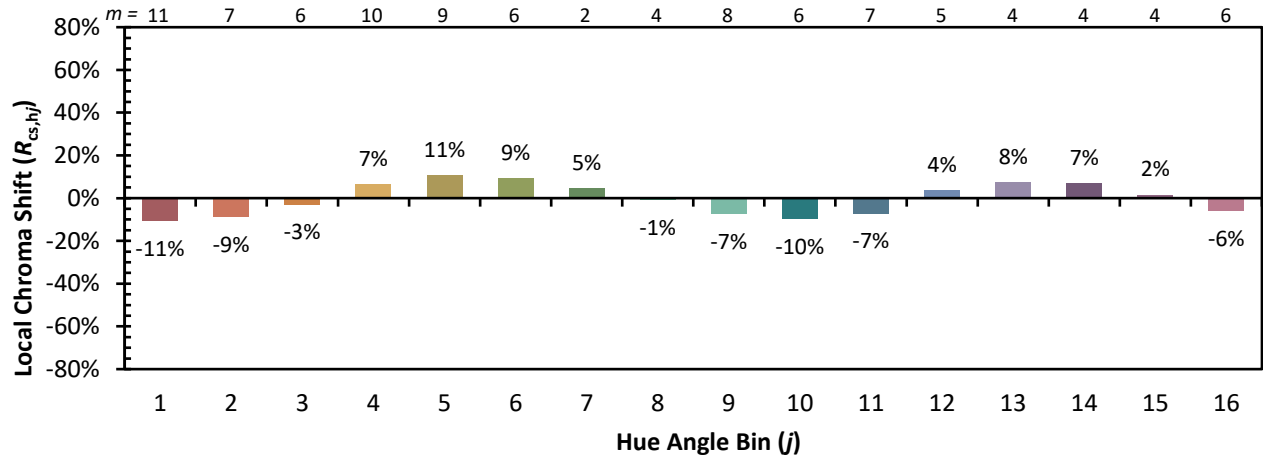


Individual Sample Fidelity Index ($R_{f,i}$)

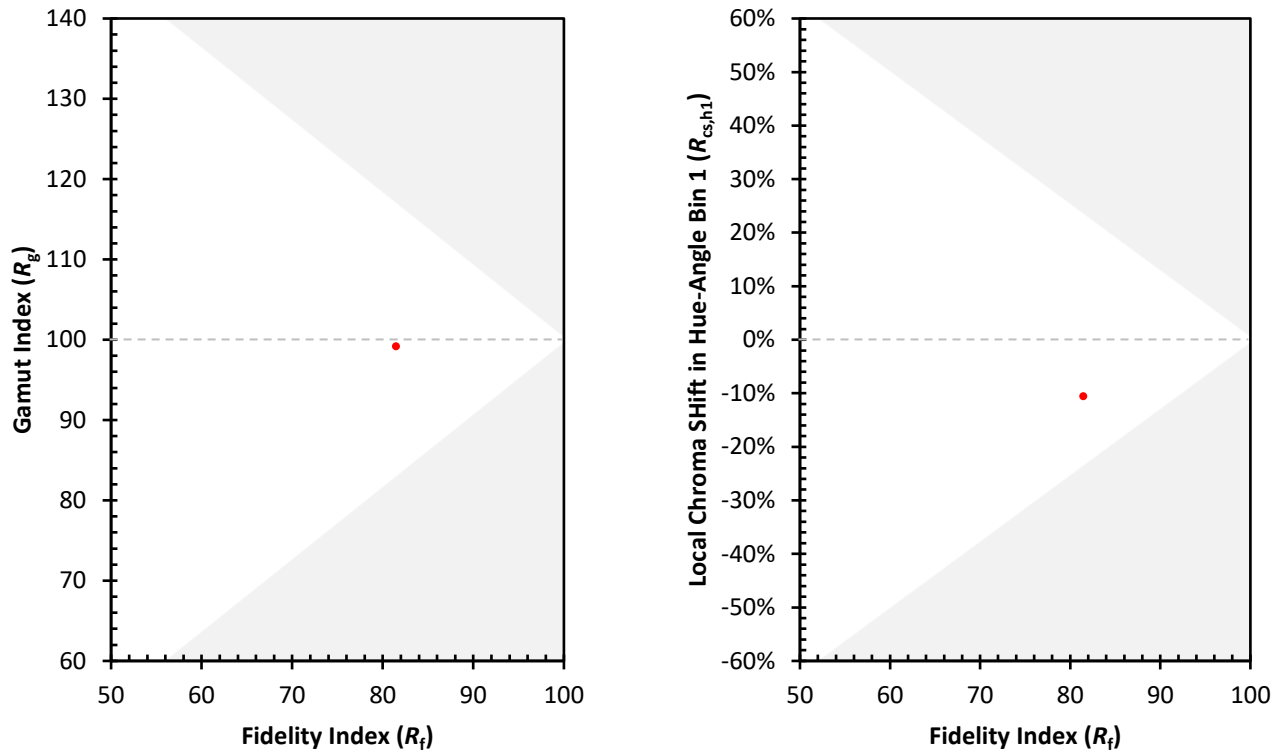
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)