

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: P991151

Luminaire Tested: **GPC-SA2A-830-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991151
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2A-830-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 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: 5389.3 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 55.6
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



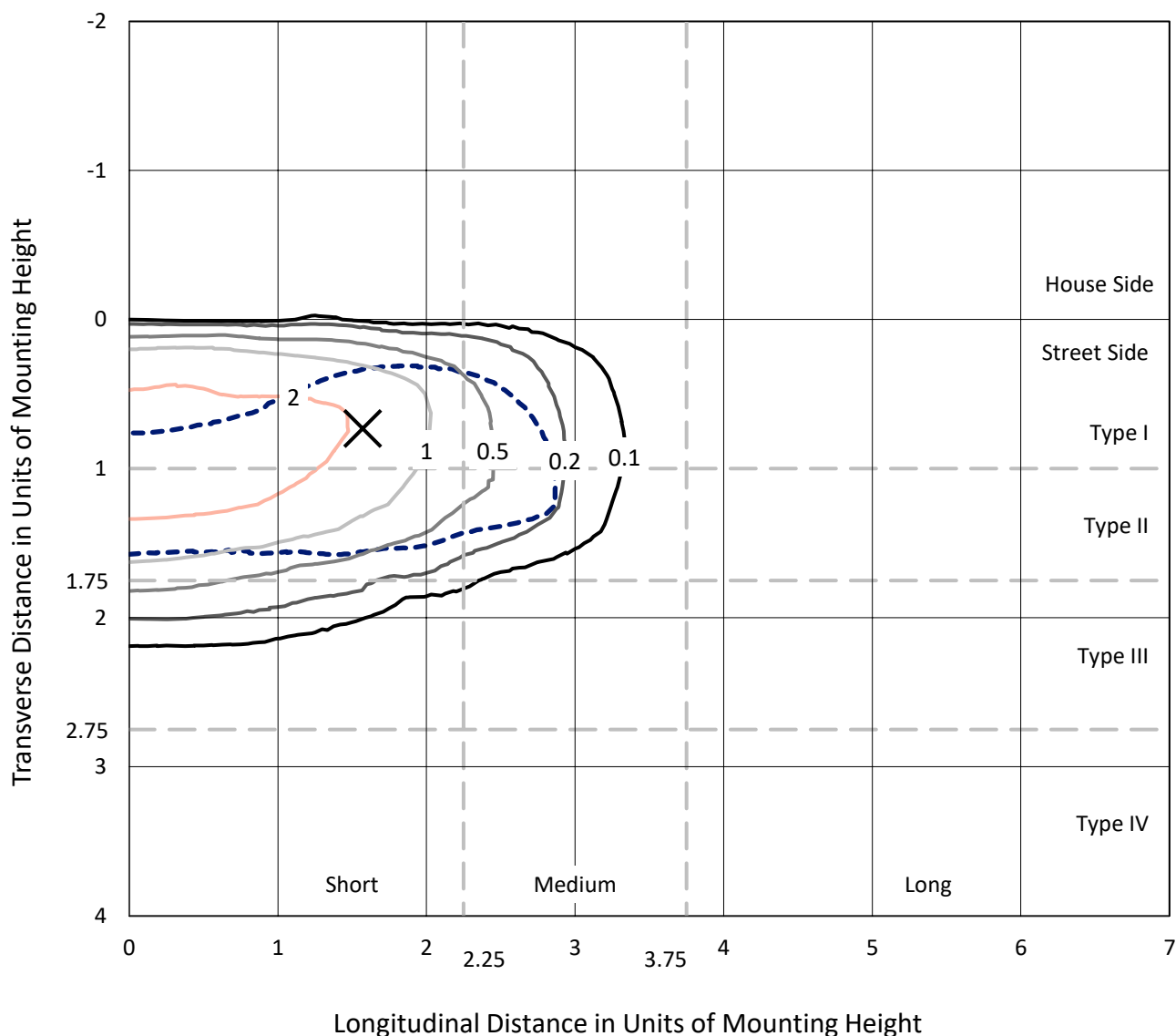
REPORT NUMBER: P991151

CATALOG NUMBER: GPC-SA2A-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

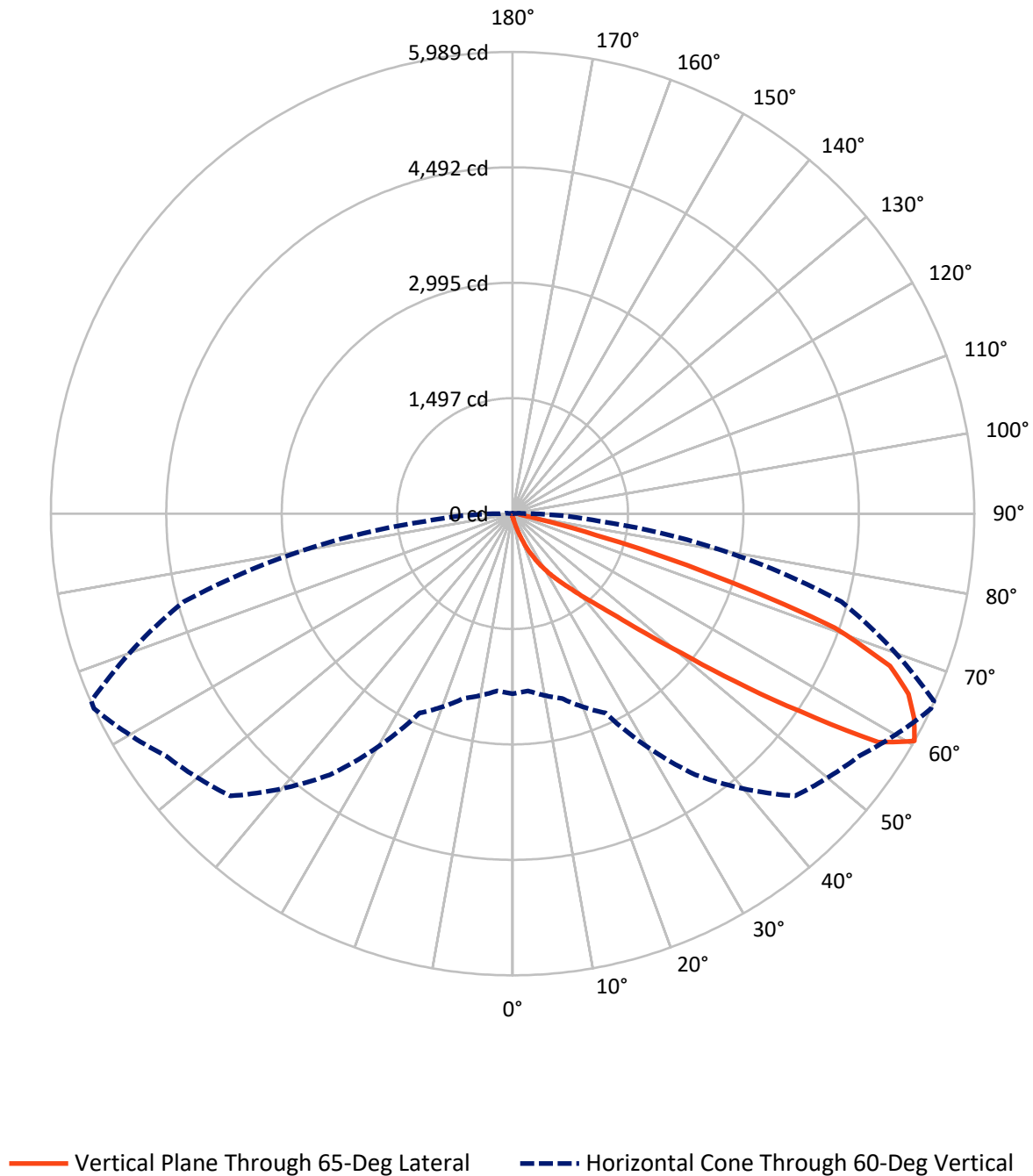


Based on 20 foot mounting height. Maximum calculated value = 4.4 fc

Type II - Short - N/A

REPORT NUMBER: P991151
CATALOG NUMBER: GPC-SA2A-830-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991151

CATALOG NUMBER: GPC-SA2A-830-U-T2BC

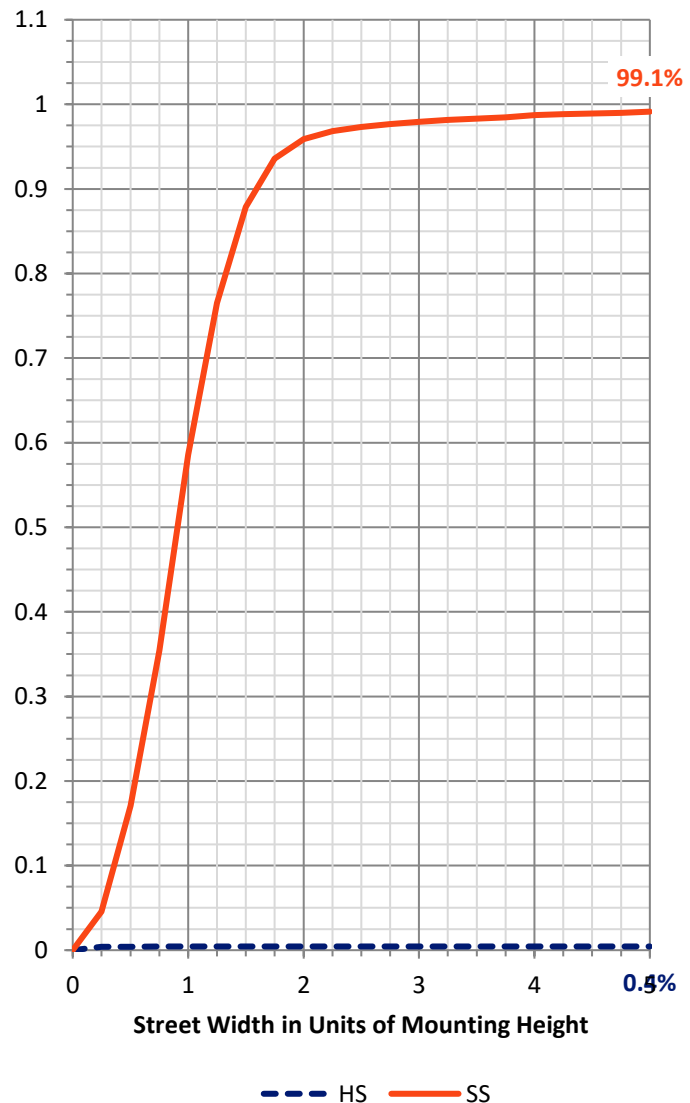
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.0	0.0	24.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5365.3	0.0	5365.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5389.3	0.0	5389.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.1
10°-20°	59.5	1.1
20°-30°	182.4	3.4
30°-40°	474.0	8.8
40°-50°	1193.5	22.1
50°-60°	1730.1	32.1
60°-70°	1334.3	24.8
70°-80°	368.1	6.8
80°-90°	40.2	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°	5389.3	100.0
0°-180°	5389.3	100.0



REPORT NUMBER: P991151

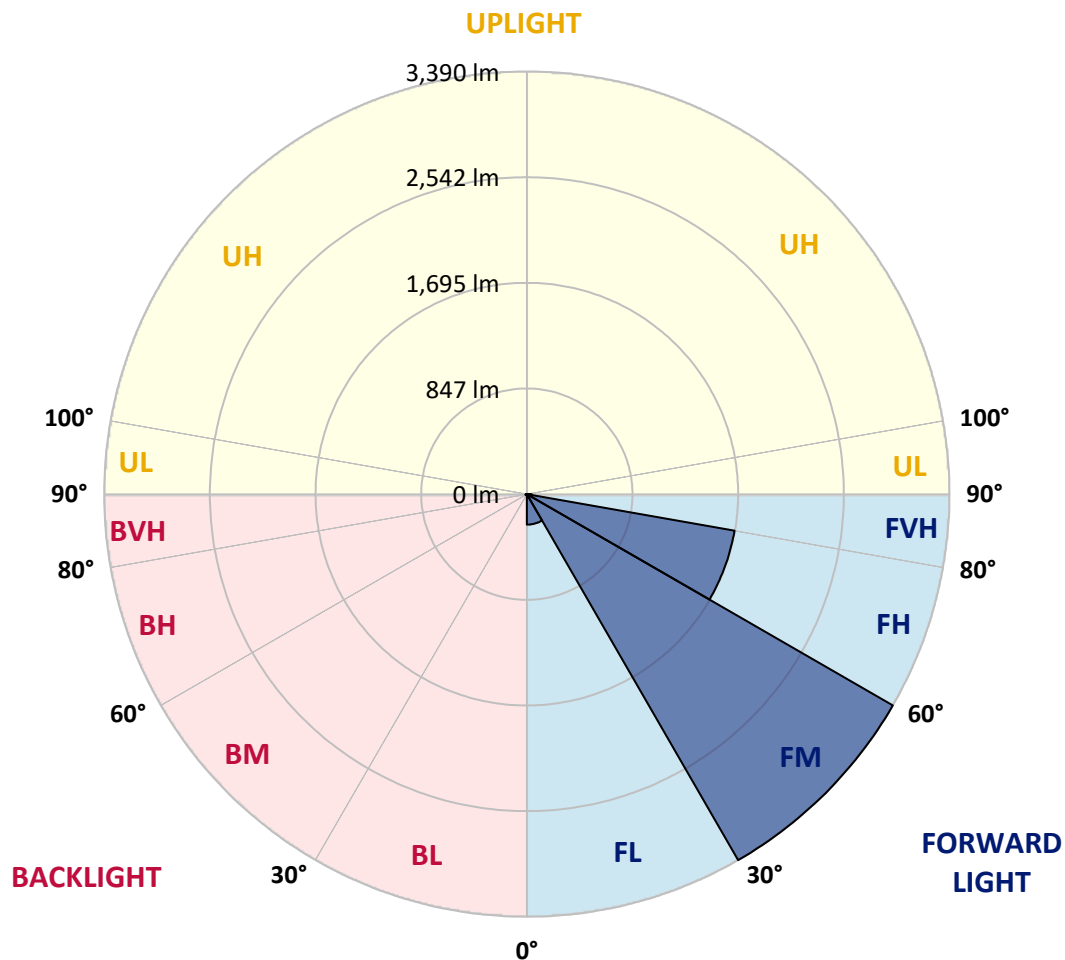
CATALOG NUMBER: GPC-SA2A-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	244.6	4.5			
FM	(30°-60°)	3389.7	62.9			
FH	(60°-80°)	1691.7	31.4			G1/1800
FVH	(80°-90°)	39.2	0.7			G1/100
BL	(0°-30°)	4.4	0.1	B0/110		
BM	(30°-60°)	7.9	0.1	B0/220		
BH	(60°-80°)	10.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type II Short





REPORT NUMBER: P991151

CATALOG NUMBER: GPC-SA2A-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
2.5°	62.1	62.1	61.1	59.1	54.0	50.9	47.9	44.8	43.8	41.8	39.7
5°	113.0	111.0	110.0	99.8	89.6	77.4	65.2	55.0	54.0	46.8	40.7
7.5°	237.3	237.3	216.9	192.5	165.0	127.3	93.7	72.3	69.3	54.0	41.8
10°	388.0	389.0	375.8	337.1	287.2	224.0	151.7	93.7	91.7	63.1	42.8
12.5°	523.5	522.4	509.2	481.7	426.7	347.3	238.3	135.4	127.3	73.3	42.8
15°	610.0	610.0	608.0	593.7	555.0	473.6	353.4	198.6	189.4	88.6	43.8
17.5°	694.6	699.6	692.5	686.4	657.9	596.8	473.6	286.2	267.8	113.0	45.8
20°	796.4	801.5	798.4	789.3	753.6	699.6	593.7	387.0	368.7	153.8	49.9
22.5°	914.5	918.6	912.5	909.4	864.6	796.4	704.7	508.2	480.7	205.7	55.0
25°	1060.2	1057.1	1055.1	1037.8	994.0	919.6	809.6	620.2	598.8	275.0	62.1
27.5°	1231.3	1227.2	1213.9	1191.5	1127.4	1045.9	921.7	739.4	719.0	358.5	72.3
30°	1462.4	1438.0	1418.6	1368.7	1283.2	1175.2	1046.9	856.5	834.1	458.3	83.5
32.5°	1788.3	1781.2	1705.8	1575.5	1452.2	1322.9	1186.4	980.7	957.3	561.1	98.8
35°	2372.9	2339.3	2207.9	1880.0	1648.8	1508.3	1328.0	1105.0	1080.5	680.3	119.2
37.5°	3029.8	3000.2	2872.9	2477.8	1947.2	1699.7	1485.9	1245.5	1219.0	810.7	144.6
40°	3688.7	3679.5	3631.6	3315.9	2552.1	1955.3	1694.6	1424.7	1394.2	942.0	180.3
42.5°	4430.1	4403.6	4373.0	4266.1	3597.0	2467.6	1984.9	1629.4	1603.0	1104.0	231.2
45°	4665.3	4655.1	4691.8	4794.7	4691.8	3541.0	2435.0	1908.5	1882.0	1311.7	304.5
47.5°	4585.9	4575.7	4676.5	4845.6	5080.8	4829.3	3132.6	2308.7	2259.8	1560.2	413.5
50°	4184.6	4188.7	4366.9	4705.0	5042.1	5342.6	4297.7	2841.4	2807.7	1913.6	560.1
52.5°	3804.8	3811.9	4034.9	4467.7	4838.4	5361.9	5408.8	3616.4	3471.7	2346.4	741.4
55°	3435.1	3424.9	3594.0	4245.7	4801.8	5097.1	5758.1	4525.8	4431.1	2907.5	919.6
57.5°	3044.0	3031.8	3120.4	3605.2	4725.4	5133.8	5666.4	5596.1	5483.1	3552.2	1063.2
60°	2335.2	2307.7	2482.9	2853.6	4135.7	5178.6	5485.1	5989.2	5982.1	4415.8	1135.5
62.5°	1119.2	1164.0	1401.3	1803.6	2765.0	4781.4	5555.4	5843.6	5857.9	5177.6	1302.5
65°	571.3	581.5	703.7	984.8	1463.4	3437.1	5352.7	5642.0	5620.6	5028.9	1735.4
67.5°	385.0	390.0	447.1	595.8	849.4	1440.0	4159.2	5279.4	5264.1	4286.5	1993.0
70°	341.2	343.2	357.5	405.3	509.2	634.5	1904.4	4430.1	4544.1	3274.2	1819.9
72.5°	334.0	334.0	332.0	335.1	328.9	344.2	668.1	2667.2	2833.2	2287.3	1474.7
75°	326.9	327.9	324.9	314.7	255.6	214.9	244.4	1123.3	1245.5	1505.2	1105.0
77.5°	305.5	307.6	316.7	291.3	232.2	151.7	139.5	356.4	416.5	961.4	809.6
80°	115.1	115.1	115.1	105.9	154.8	115.1	100.8	145.6	154.8	541.8	498.0
82.5°	84.5	83.5	79.4	73.3	62.1	58.0	82.5	110.0	110.0	253.6	189.4
85°	24.4	24.4	27.5	36.7	45.8	50.9	63.1	84.5	87.6	96.7	28.5
87.5°	11.2	11.2	14.3	18.3	24.4	36.7	53.0	72.3	73.3	80.5	5.1
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: P991151

CATALOG NUMBER: GPC-SA2A-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
2.5°	38.7	37.7	36.7	35.6	33.6	31.6	28.5	27.5	26.5	26.5	26.5
5°	38.7	36.7	33.6	30.6	28.5	25.5	23.4	22.4	21.4	20.4	20.4
7.5°	37.7	34.6	30.6	27.5	25.5	22.4	19.3	18.3	17.3	17.3	17.3
10°	37.7	33.6	28.5	25.5	22.4	18.3	15.3	14.3	13.2	12.2	12.2
12.5°	35.6	31.6	26.5	22.4	18.3	14.3	11.2	9.2	8.1	8.1	8.1
15°	34.6	30.6	24.4	19.3	14.3	10.2	7.1	5.1	4.1	5.1	5.1
17.5°	33.6	27.5	22.4	15.3	10.2	6.1	3.1	1.0	1.0	1.0	1.0
20°	33.6	26.5	19.3	12.2	7.1	3.1	1.0	0.0	0.0	0.0	0.0
22.5°	34.6	26.5	17.3	10.2	4.1	2.0	0.0	0.0	0.0	0.0	0.0
25°	35.6	25.5	15.3	7.1	3.1	1.0	0.0	0.0	0.0	0.0	0.0
27.5°	36.7	24.4	13.2	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	38.7	23.4	11.2	4.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	41.8	22.4	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	44.8	20.4	6.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	48.9	20.4	4.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	55.0	20.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	65.2	21.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	84.5	27.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	120.2	41.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	170.1	60.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	212.8	63.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	221.0	44.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	190.4	36.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	164.0	24.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	197.6	20.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	314.7	19.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	489.9	19.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	548.9	19.3	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	424.7	15.3	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	266.8	12.2	3.1	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	145.6	8.1	3.1	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.0	6.1	3.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.3	5.1	4.1	3.1	2.0	1.0	0.0	0.0	0.0	0.0	0.0
85°	7.1	4.1	4.1	3.1	3.1	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.1	4.1	3.1	1.0	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

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

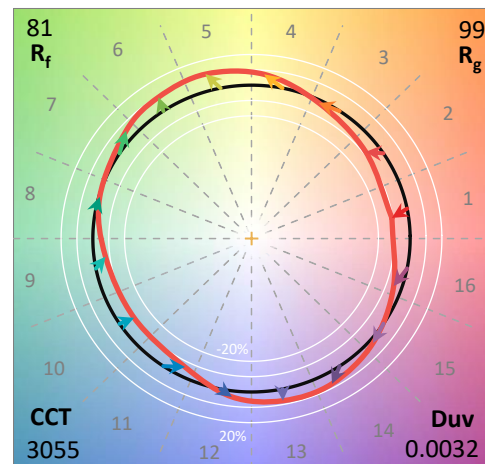
Test Information

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

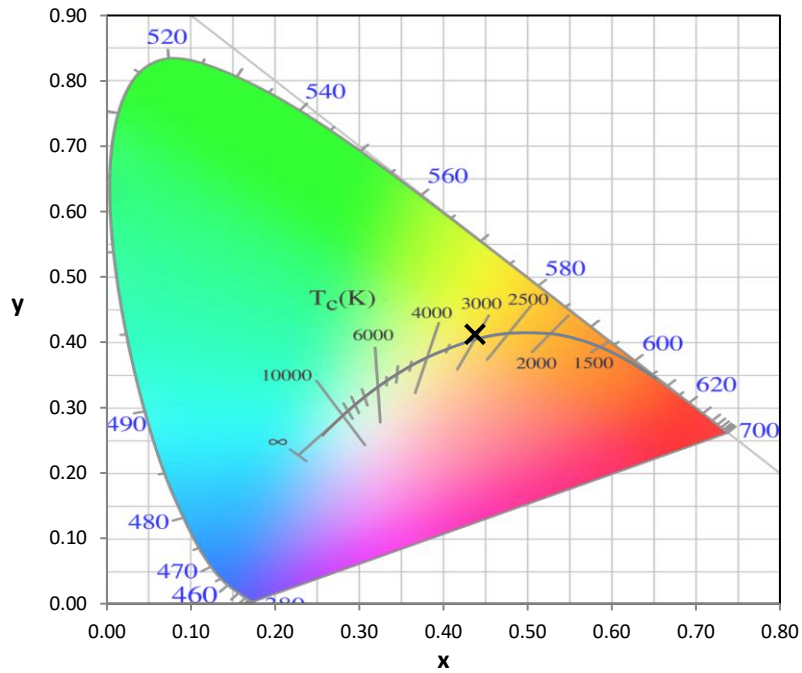
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

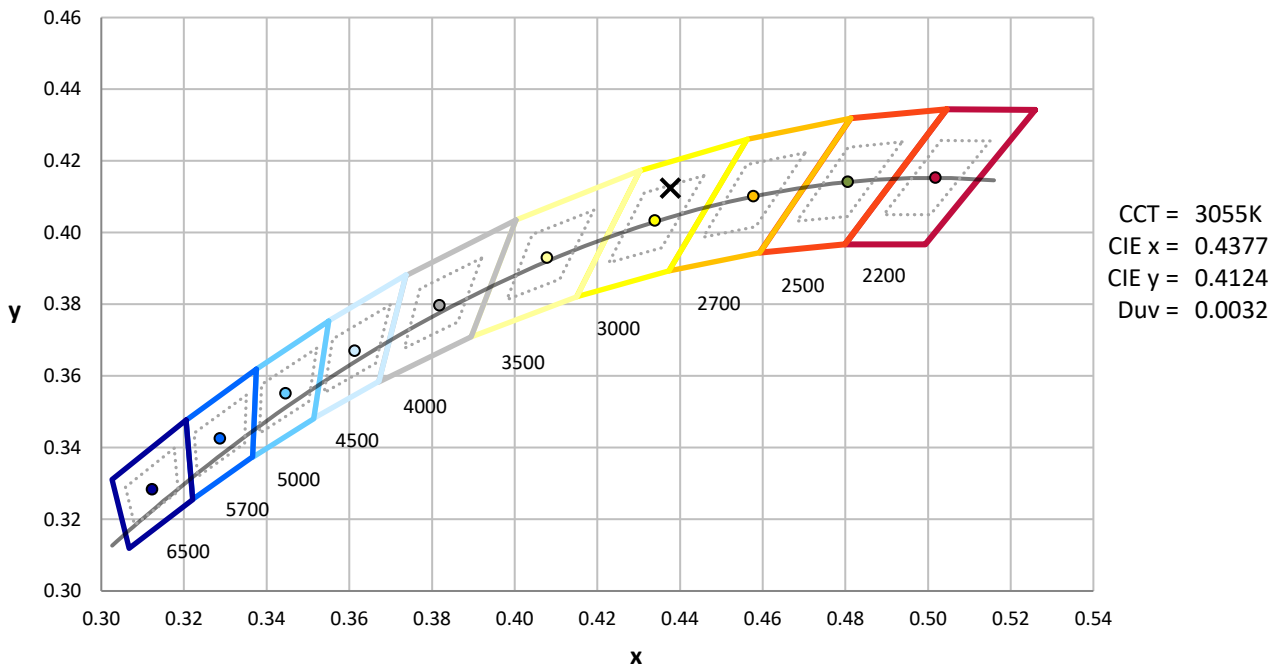
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



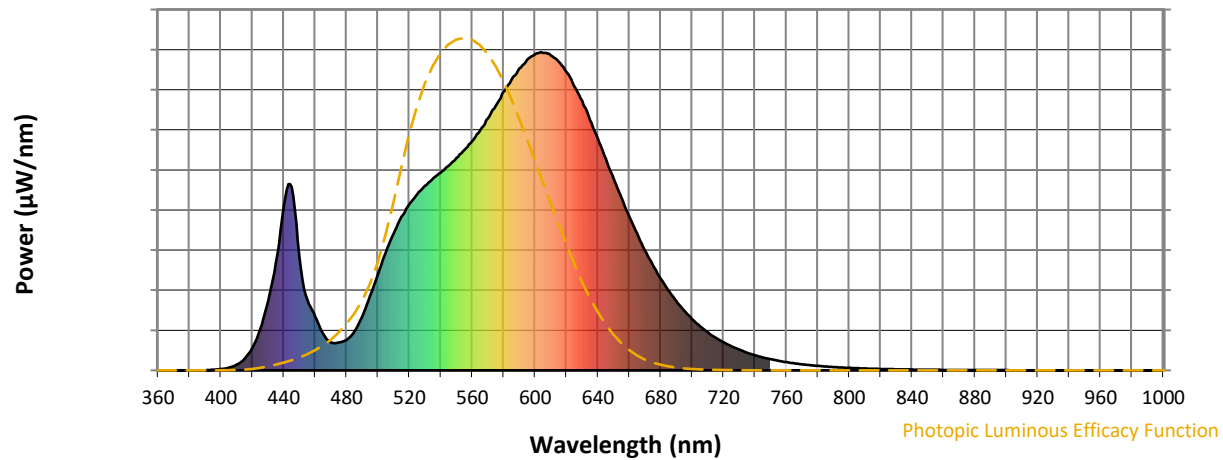
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

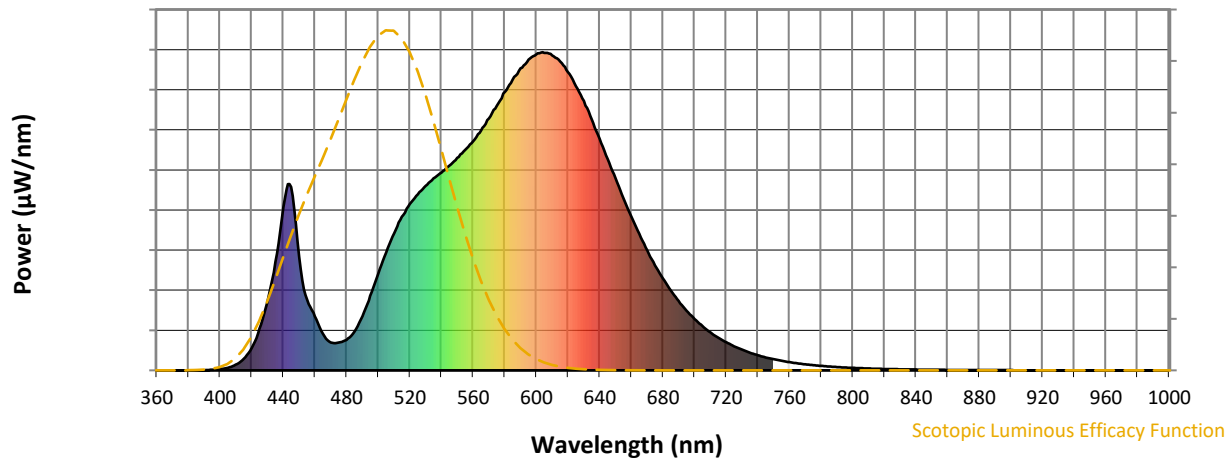


Photopic Lumens: NR

λ (nm)	Power W ^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



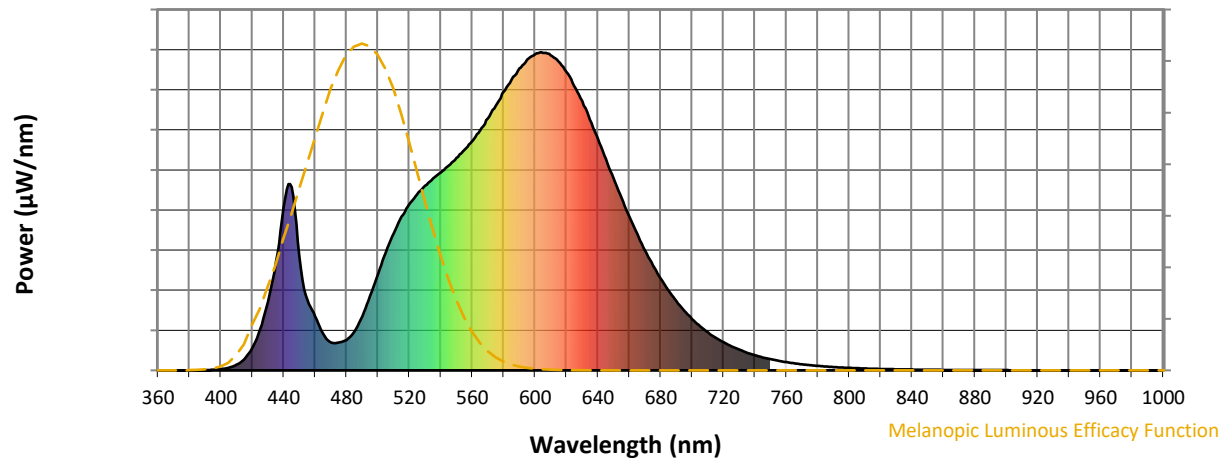
Scotopic Lumens: NR

S/P: 1.28

λ (nm)	Power W ^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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

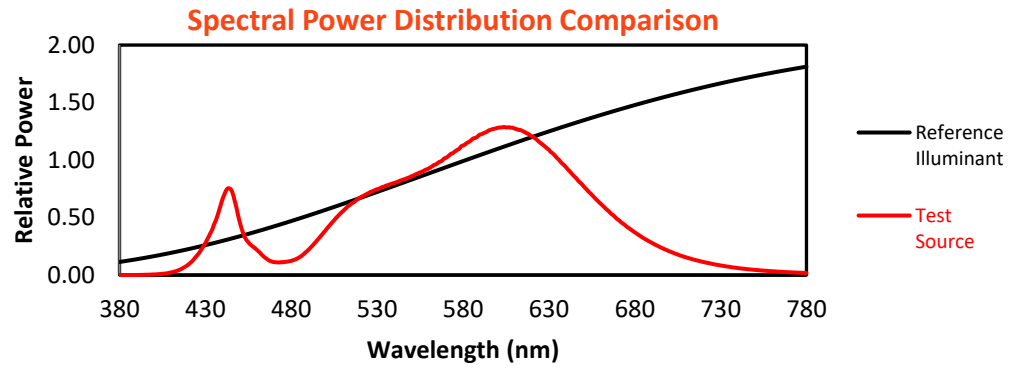
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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

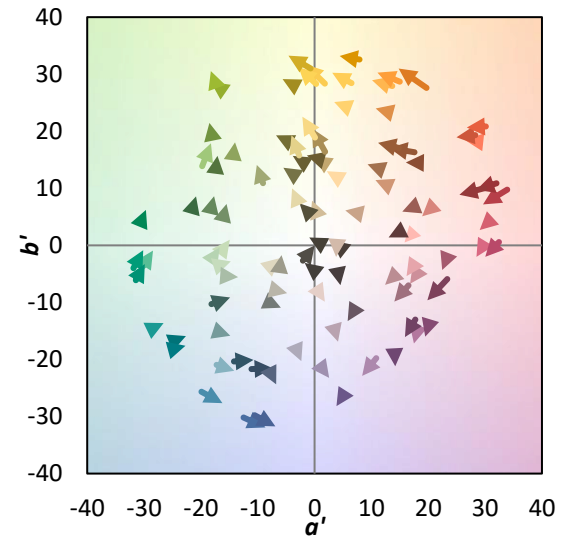
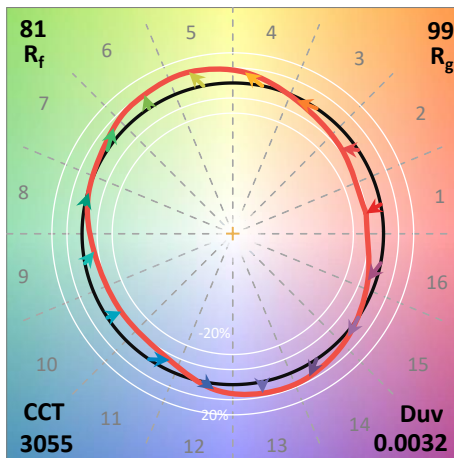
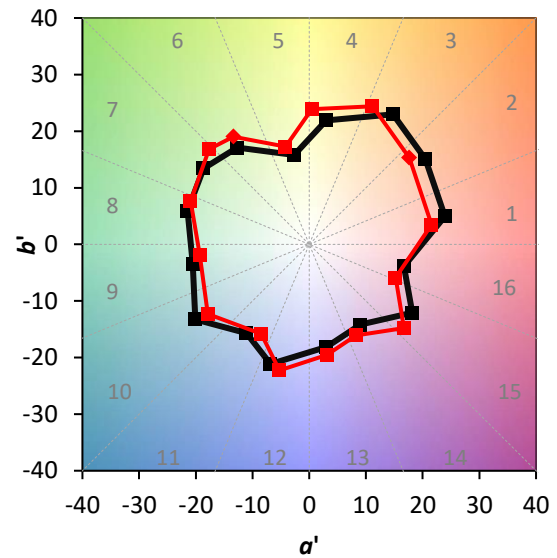
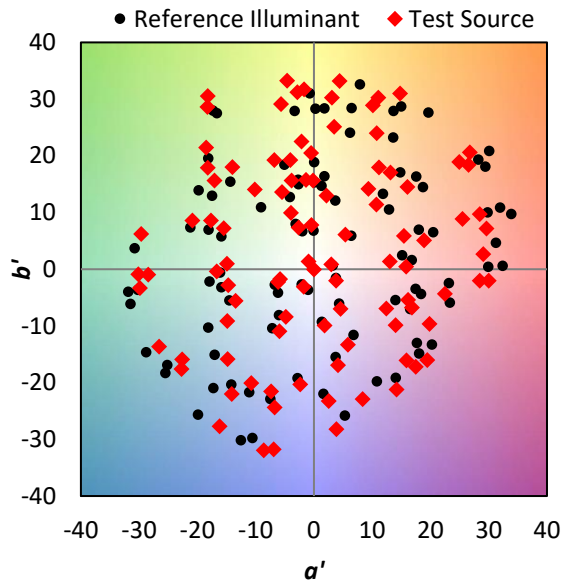
TM-30-18

Summary

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

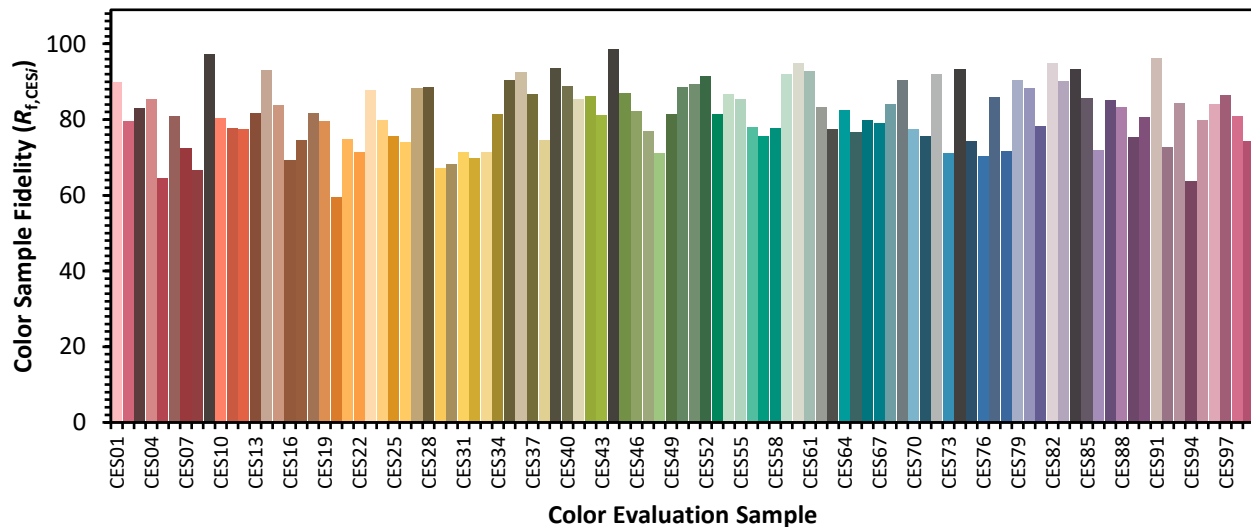


Color Vector Graphics

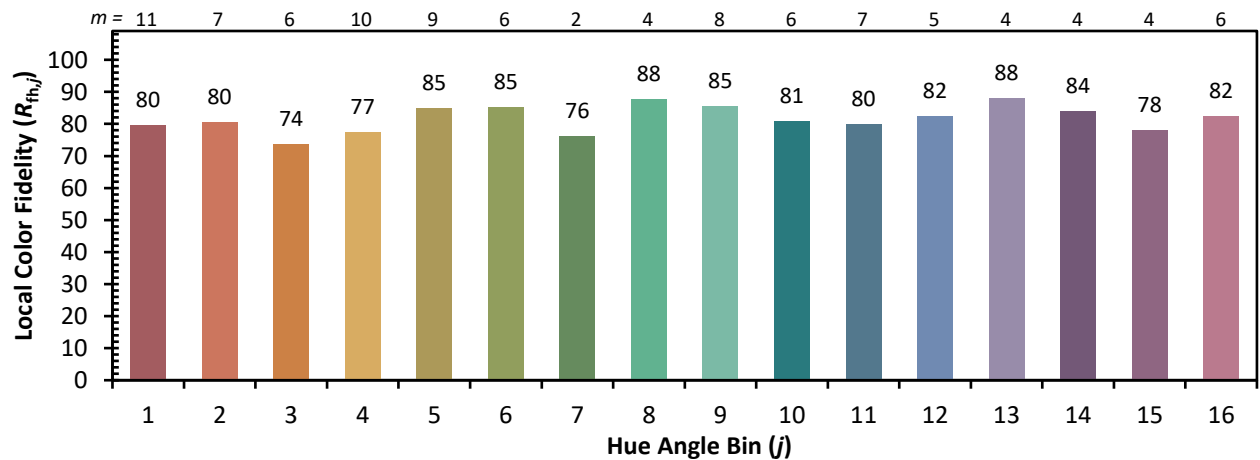
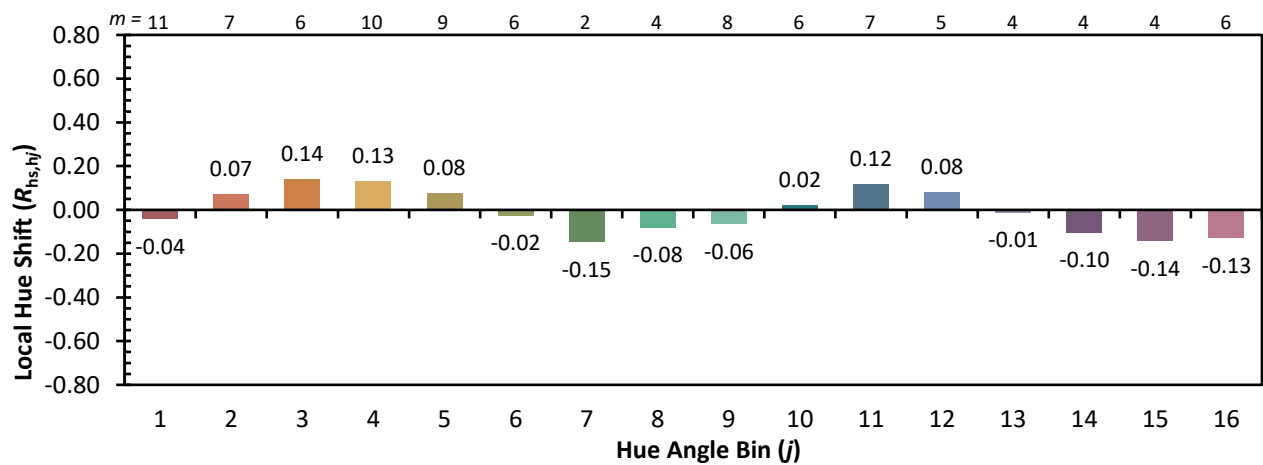
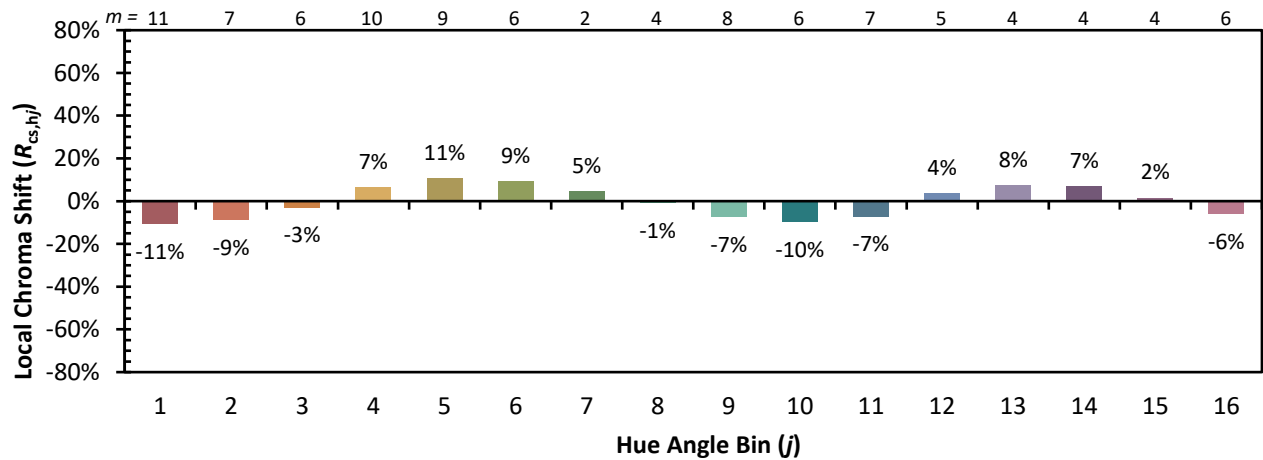


Individual Sample Fidelity Index ($R_{f,i}$)

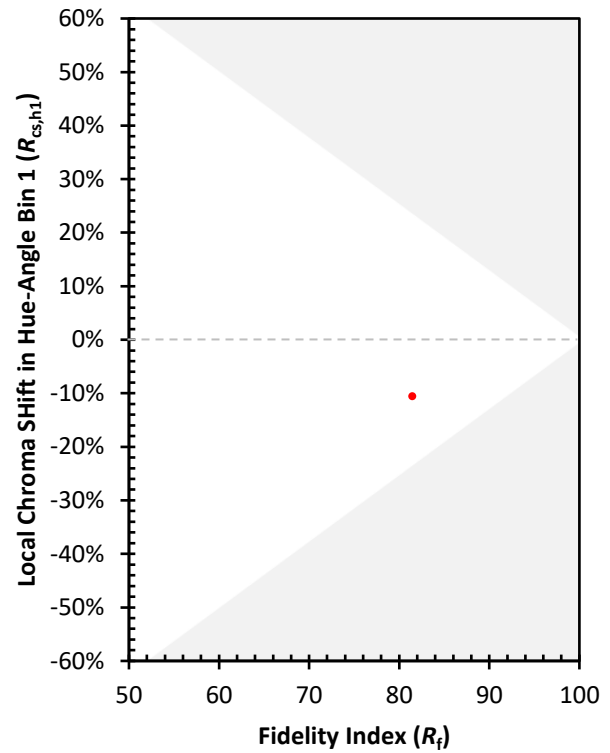
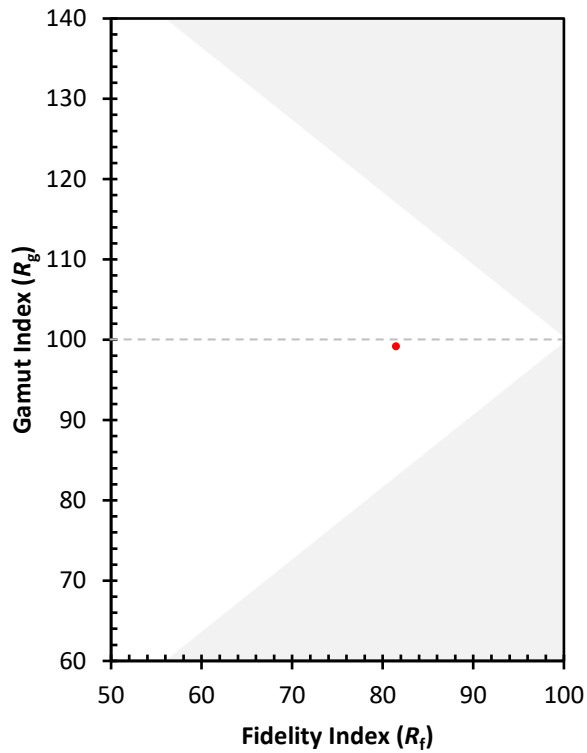
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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