

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: P991069

Luminaire Tested: **GPC-SA2C-827-U-T3BC**

Issue Date: 07/03/2025



Test Information

Test Method: LM-79-08
Report Number: P991069
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2C-827-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 80CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8330.4 lumens
Efficiency: N/A
Efficacy: 87.8 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

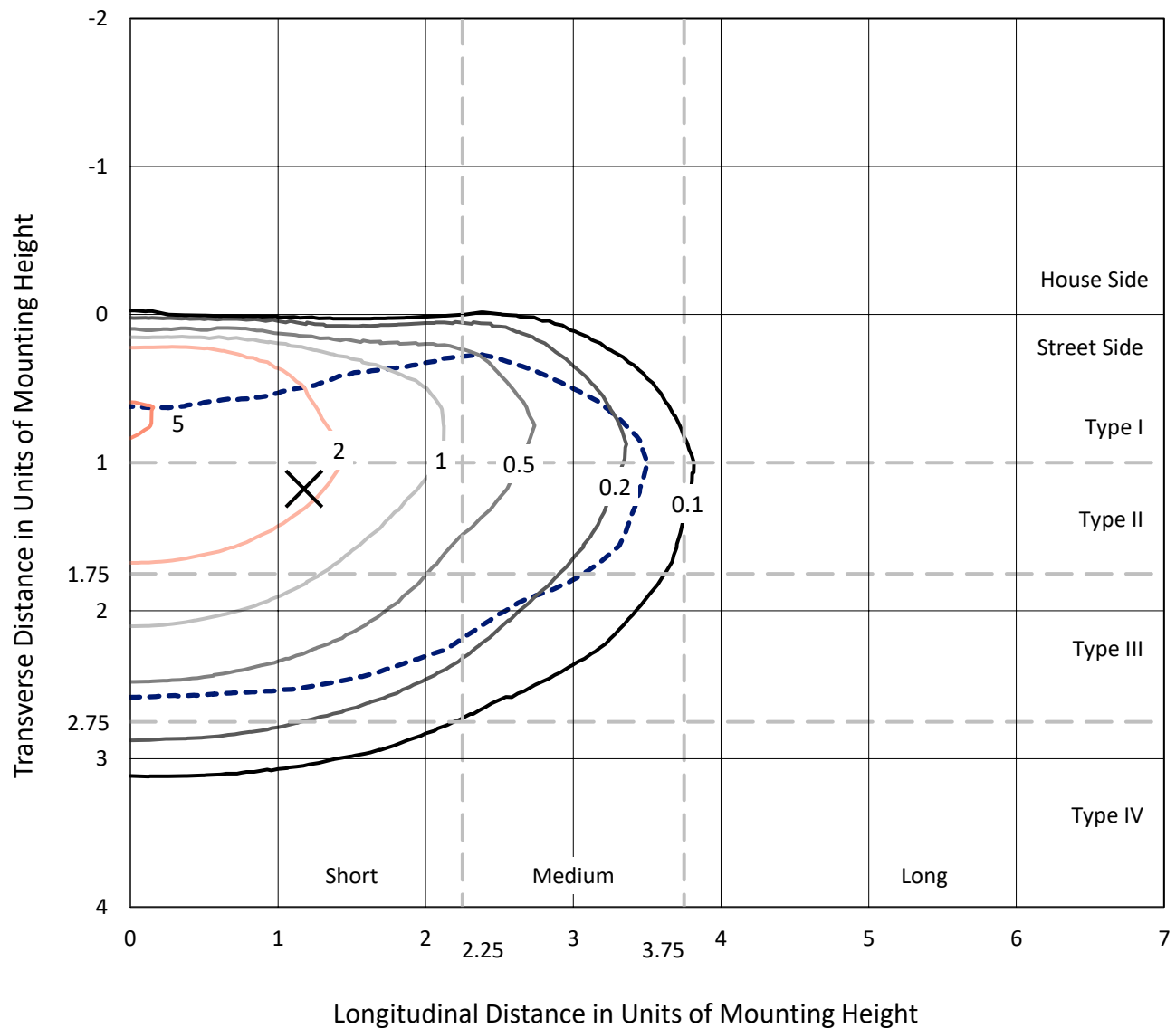
Input Watts (W): 94.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P991069

CATALOG NUMBER: GPC-SA2C-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

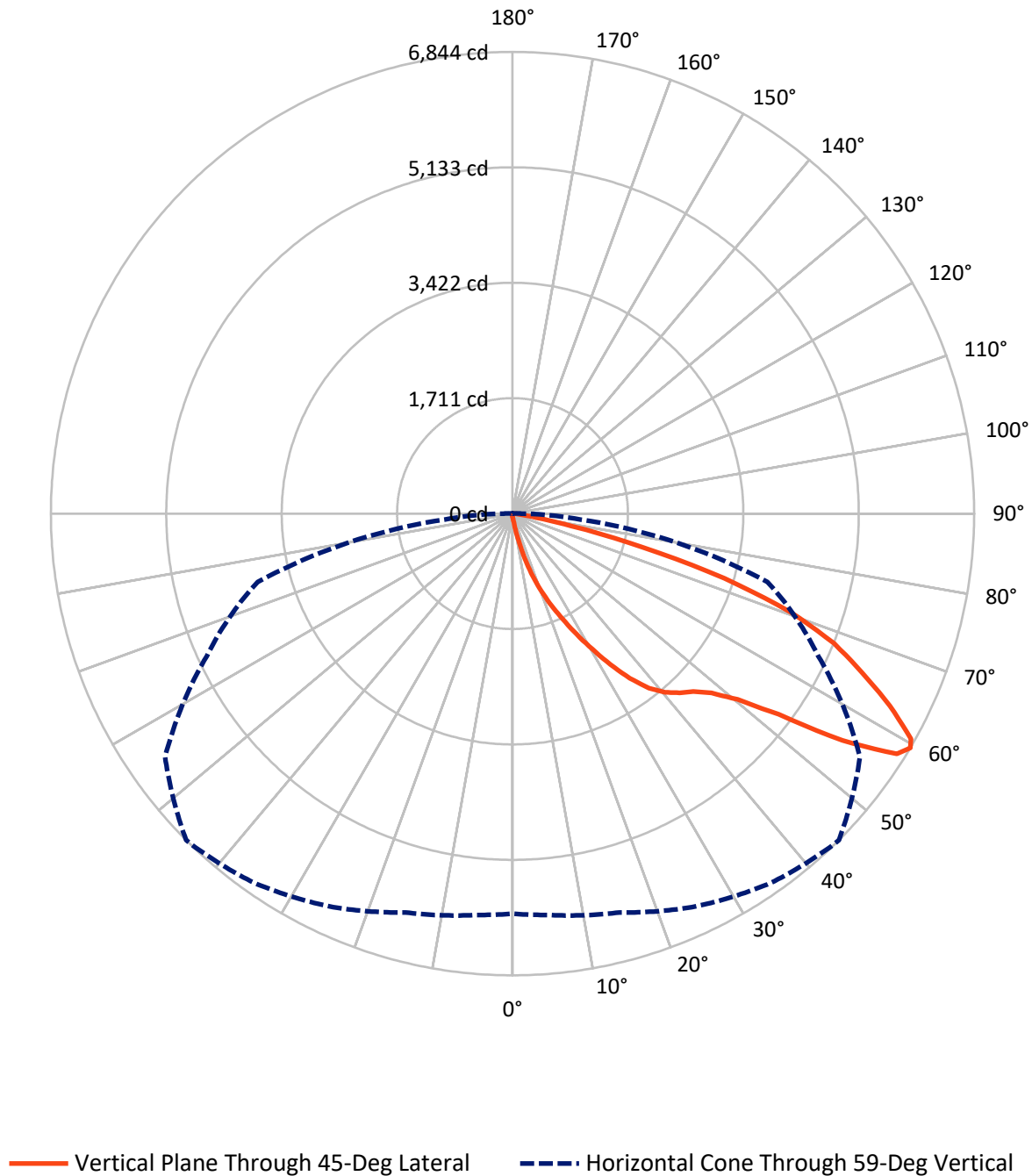
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - N/A

REPORT NUMBER: P991069
CATALOG NUMBER: GPC-SA2C-827-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991069

CATALOG NUMBER: GPC-SA2C-827-U-T3BC

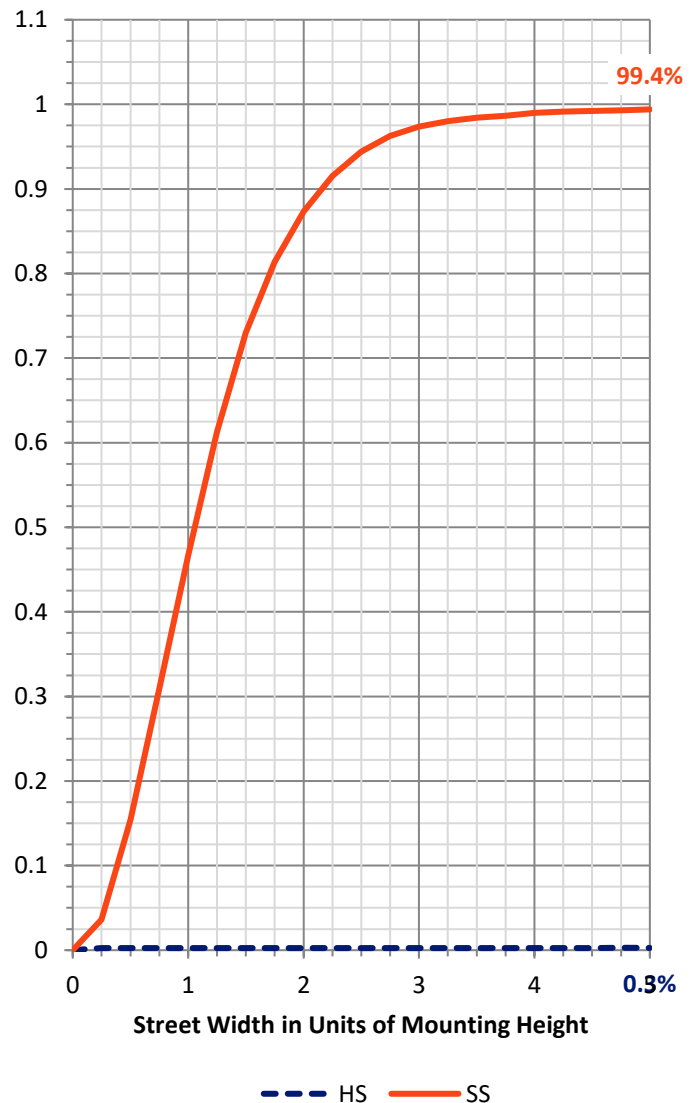
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.6	0.0	22.6
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	8307.8	0.0	8307.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	8330.4	0.0	8330.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	0.1
10°-20°	96.4	1.2
20°-30°	341.0	4.1
30°-40°	785.9	9.4
40°-50°	1325.8	15.9
50°-60°	2185.8	26.2
60°-70°	2483.1	29.8
70°-80°	1021.0	12.3
80°-90°	83.1	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°	8330.4	100.0
0°-180°	8330.4	100.0



REPORT NUMBER: P991069

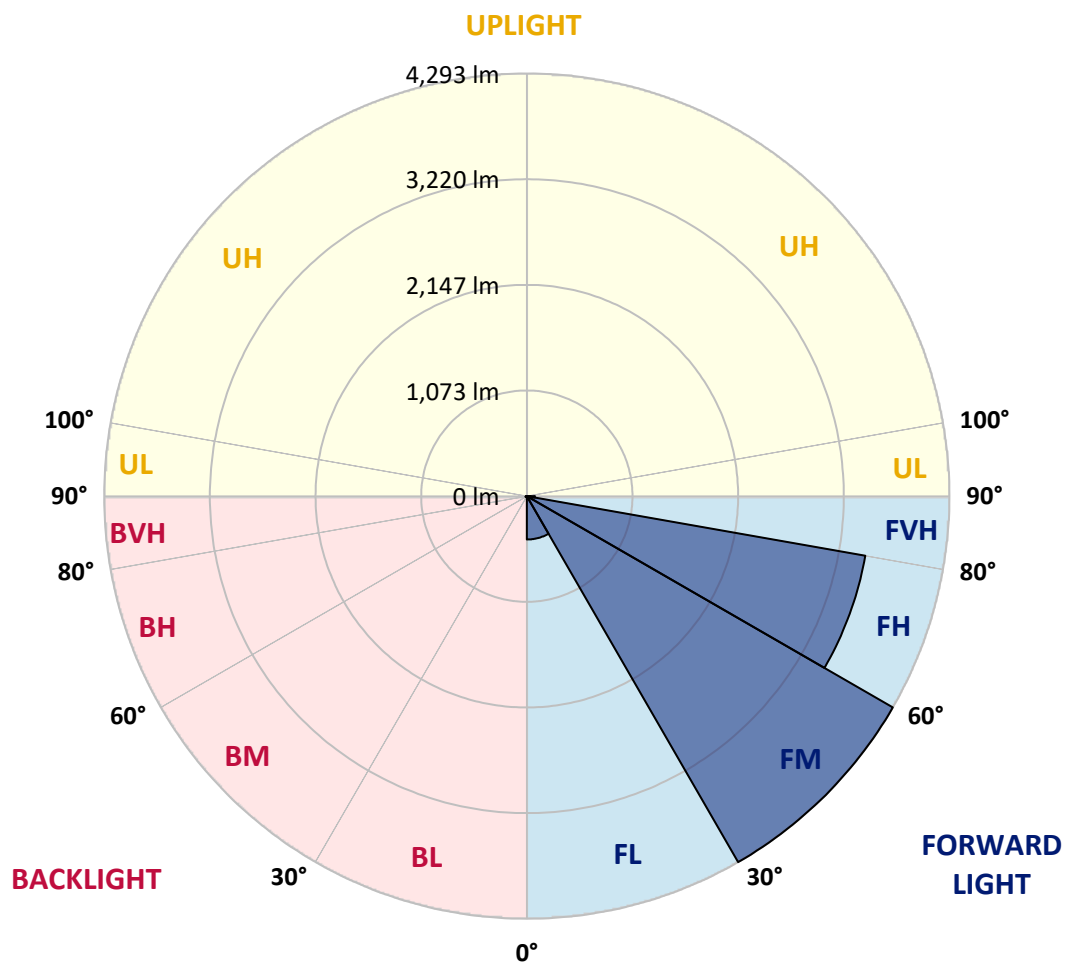
CATALOG NUMBER: GPC-SA2C-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	440.8	5.3			
FM	(30°-60°)	4293.3	51.5			
FH	(60°-80°)	3491.2	41.9			G2/5000
FVH	(80°-90°)	82.5	1.0			G1/100
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	4.3	0.1	B0/220		
BH	(60°-80°)	12.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2

Type III Short



REPORT NUMBER: P991069

CATALOG NUMBER: GPC-SA2C-827-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
2.5°	62.2	62.9	62.2	61.5	58.8	56.1	56.1	54.1	52.0	50.0	48.0
5°	109.5	106.8	104.1	98.0	86.5	76.4	75.0	66.2	58.8	53.4	48.7
7.5°	277.8	270.4	244.7	214.3	162.9	125.0	123.7	94.0	71.0	58.1	49.3
10°	579.9	559.6	520.4	455.6	352.1	257.5	237.2	144.6	93.3	64.2	50.0
12.5°	881.4	882.1	844.9	756.3	629.9	477.9	451.5	261.6	133.2	75.0	50.7
15°	1146.3	1139.6	1107.1	1044.3	907.7	732.0	708.3	449.5	201.4	89.9	52.0
17.5°	1349.1	1339.6	1320.0	1277.5	1177.4	1004.4	979.4	677.9	312.3	109.5	52.7
20°	1587.0	1580.3	1555.3	1496.4	1405.2	1267.3	1231.5	928.0	475.8	141.9	54.1
22.5°	1881.7	1862.1	1831.7	1756.7	1643.8	1495.8	1483.6	1182.2	676.6	192.6	56.8
25°	2222.4	2194.7	2158.8	2064.2	1925.0	1745.2	1730.3	1431.6	892.9	269.0	60.8
27.5°	2635.3	2609.7	2545.4	2423.1	2256.2	2041.2	2024.3	1686.4	1132.8	373.1	66.2
30°	3082.8	3049.7	2943.6	2784.7	2625.9	2371.7	2331.2	1947.3	1372.8	502.9	73.7
32.5°	3499.8	3457.2	3326.1	3138.2	2971.9	2703.6	2667.8	2242.0	1624.9	657.7	85.2
35°	3869.5	3819.5	3637.7	3432.9	3266.0	3029.4	2996.9	2528.5	1869.5	833.4	99.4
37.5°	4163.6	4130.4	3879.0	3647.8	3512.0	3302.5	3280.8	2836.1	2141.9	1036.2	119.0
40°	4467.0	4423.1	4127.7	3836.4	3682.3	3507.9	3482.2	3083.5	2403.5	1255.1	143.3
42.5°	4723.9	4682.6	4404.9	4096.0	3855.3	3647.8	3631.6	3291.0	2657.0	1482.9	175.1
45°	4995.6	4958.4	4709.7	4467.7	4106.8	3787.1	3759.4	3462.6	2904.4	1749.2	217.0
47.5°	5368.7	5319.3	5082.1	4896.2	4483.3	4001.3	3970.2	3630.9	3155.1	2027.7	275.1
50°	5835.7	5799.9	5628.2	5480.2	5042.2	4392.0	4325.8	3849.3	3393.0	2346.7	350.8
52.5°	6289.3	6277.1	6289.3	6236.5	5903.3	5069.9	4940.8	4216.3	3695.8	2680.0	449.5
55°	6346.0	6383.2	6529.9	6698.9	6643.4	6041.2	5932.4	4775.2	4070.3	3100.4	600.2
57.5°	6140.6	6161.5	6348.7	6646.8	6825.9	6734.0	6720.5	5700.6	4598.8	3599.9	826.6
59°	5930.4	5971.6	6121.0	6425.1	6682.0	6833.4	6844.2	6287.9	5001.0	3910.8	1013.2
60°	5813.4	5826.3	5941.9	6241.3	6517.0	6756.3	6787.4	6588.7	5318.0	4145.3	1180.1
62.5°	5444.4	5451.1	5513.3	5749.2	5993.2	6213.6	6279.1	6771.9	6198.0	4733.3	1770.2
65°	4961.8	4970.6	5064.5	5291.0	5523.5	5671.5	5699.2	6258.2	6661.7	5345.7	2594.1
67.5°	4091.9	4141.3	4260.9	4617.8	4944.9	5122.0	5142.3	5352.5	6408.2	5760.0	3030.1
70°	2770.5	2723.9	3020.6	3517.4	4108.8	4375.1	4376.5	4468.4	5455.2	5658.0	2526.5
72.5°	1209.9	1284.2	1500.5	1937.8	2654.3	3296.4	3282.9	3595.1	4350.8	4807.0	1878.3
75°	531.3	548.2	639.4	871.2	1207.2	1790.5	1996.6	2886.1	3274.7	3143.6	1366.0
77.5°	285.9	290.0	314.3	364.3	461.6	845.6	892.9	1828.3	2321.7	1812.1	882.7
80°	108.8	108.8	113.6	130.4	192.6	330.5	354.8	826.0	1601.9	926.0	446.1
82.5°	68.3	66.9	67.6	68.3	78.4	112.9	120.3	328.5	756.3	456.9	117.6
85°	34.5	35.8	39.9	48.0	56.8	69.6	71.6	102.7	229.8	106.8	30.4
87.5°	22.3	23.0	25.0	32.4	39.9	50.7	52.0	71.6	91.2	75.0	6.1
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: P991069

CATALOG NUMBER: GPC-SA2C-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
2.5°	47.3	46.0	43.9	41.9	39.9	36.5	33.8	32.4	31.8	31.1	31.1
5°	46.6	44.6	40.6	37.2	33.8	29.7	26.4	24.3	23.7	23.0	23.0
7.5°	46.0	42.6	37.9	33.1	28.4	23.7	19.6	17.6	16.9	16.2	15.5
10°	45.3	41.2	34.5	29.1	23.7	18.2	14.2	11.5	10.8	10.1	10.1
12.5°	44.6	39.2	31.8	25.7	18.9	12.8	9.5	6.8	5.4	4.7	4.7
15°	43.9	37.2	29.7	21.6	14.2	8.1	4.1	2.0	0.7	0.7	0.7
17.5°	41.9	35.1	26.4	16.9	9.5	4.1	1.4	0.0	0.0	0.0	0.0
20°	40.6	33.1	23.0	12.8	5.4	2.0	0.0	0.0	0.0	0.0	0.0
22.5°	39.9	31.8	19.6	8.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0
25°	39.9	30.4	16.2	6.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	40.6	29.1	12.8	4.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	39.2	27.7	9.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	39.2	25.0	6.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	39.9	21.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	41.9	18.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	45.3	17.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	50.0	16.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	55.4	16.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	63.5	17.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	73.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	83.8	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	95.3	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	110.8	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	127.1	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	144.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	232.5	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	456.2	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	780.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	828.7	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	544.1	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	277.1	10.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	124.4	10.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.0	6.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.3	4.1	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.1	4.1	2.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	4.1	3.4	2.7	1.4	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

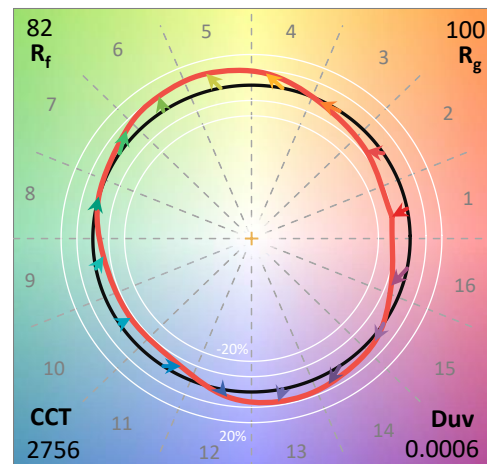
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

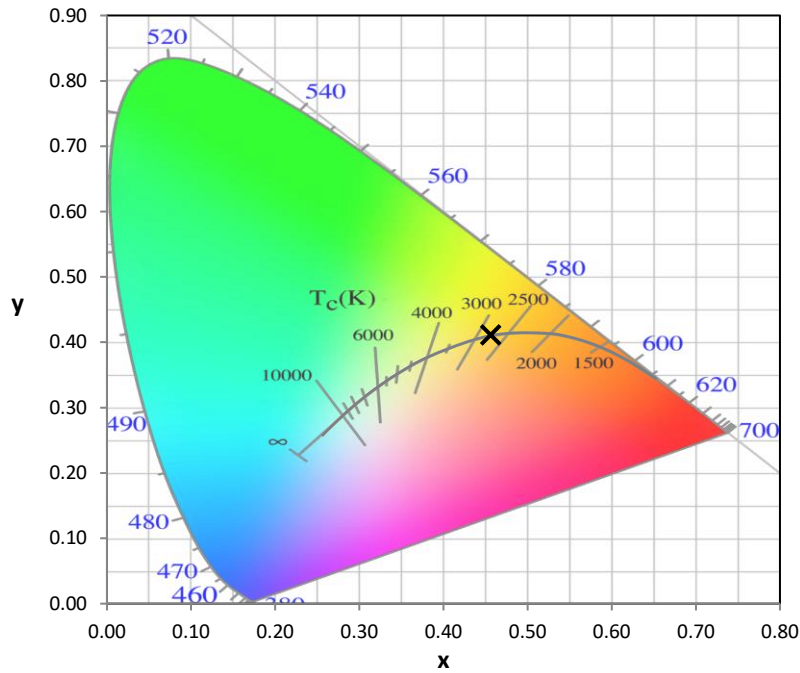
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

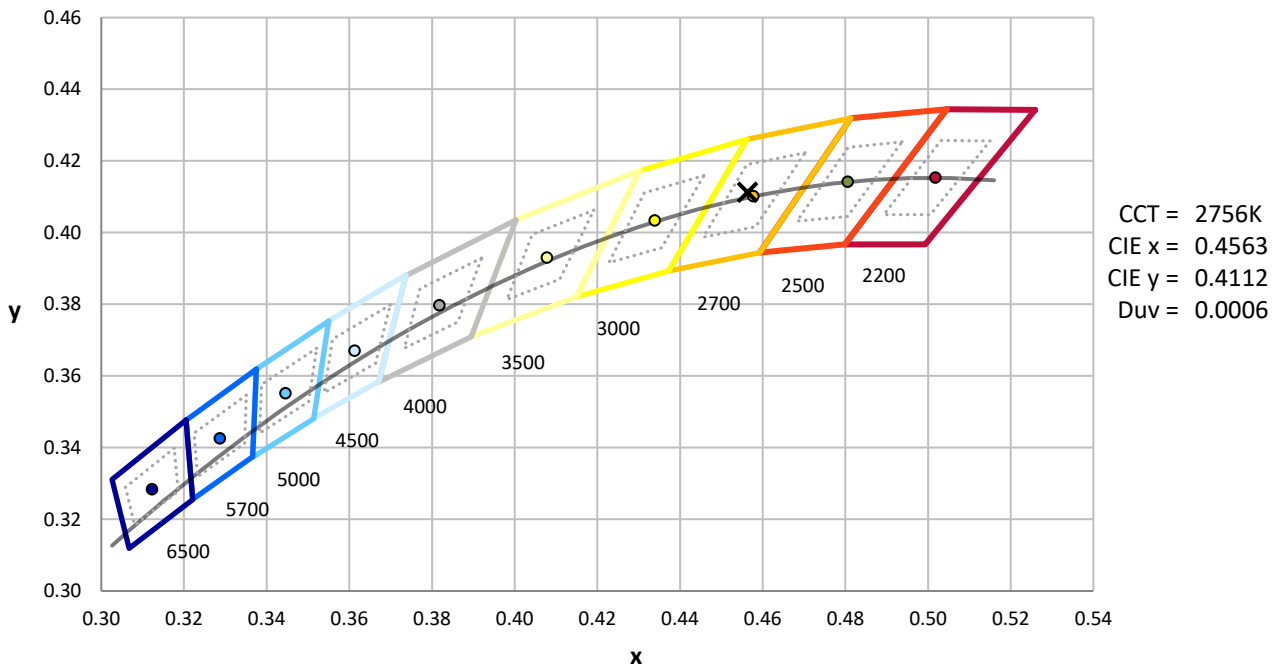
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram

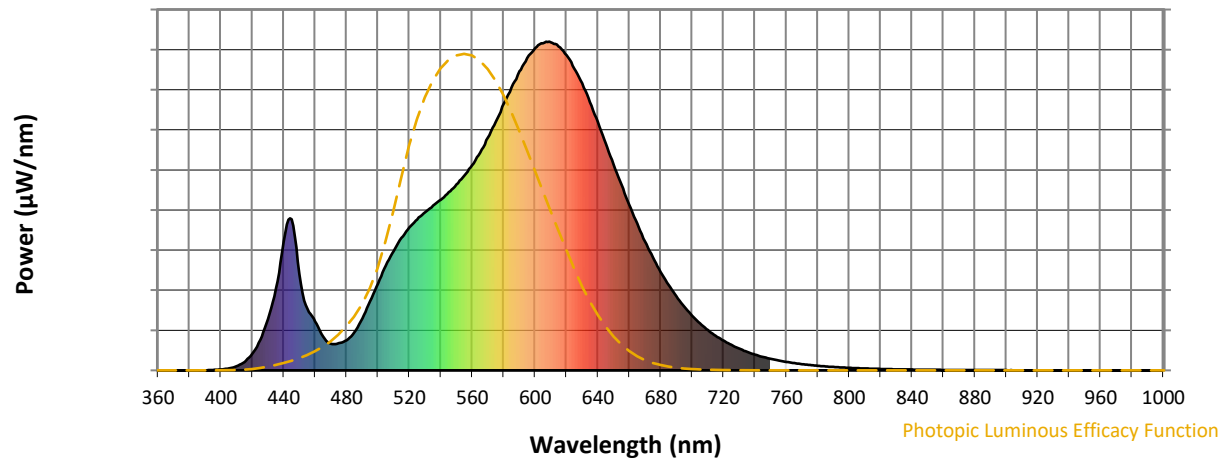


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

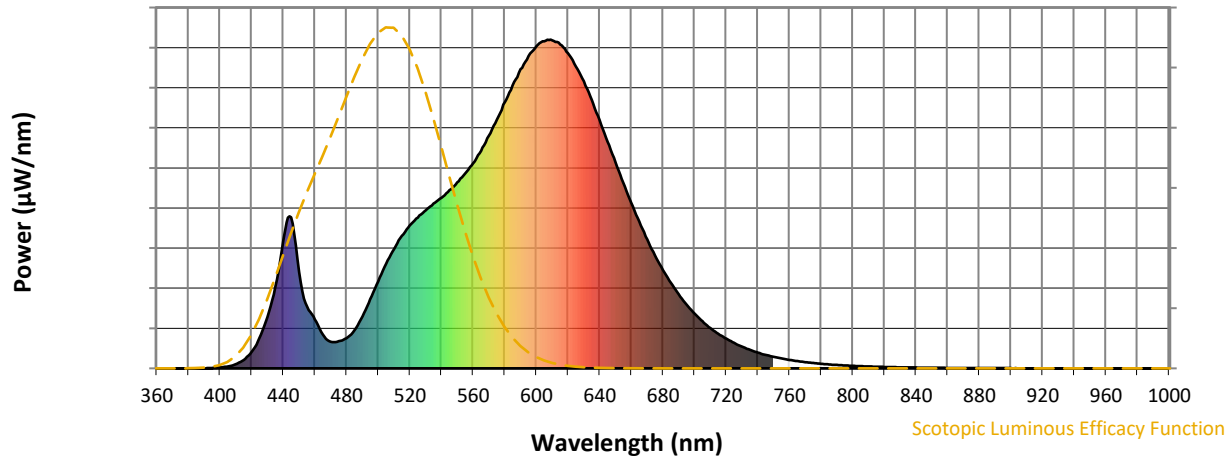


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



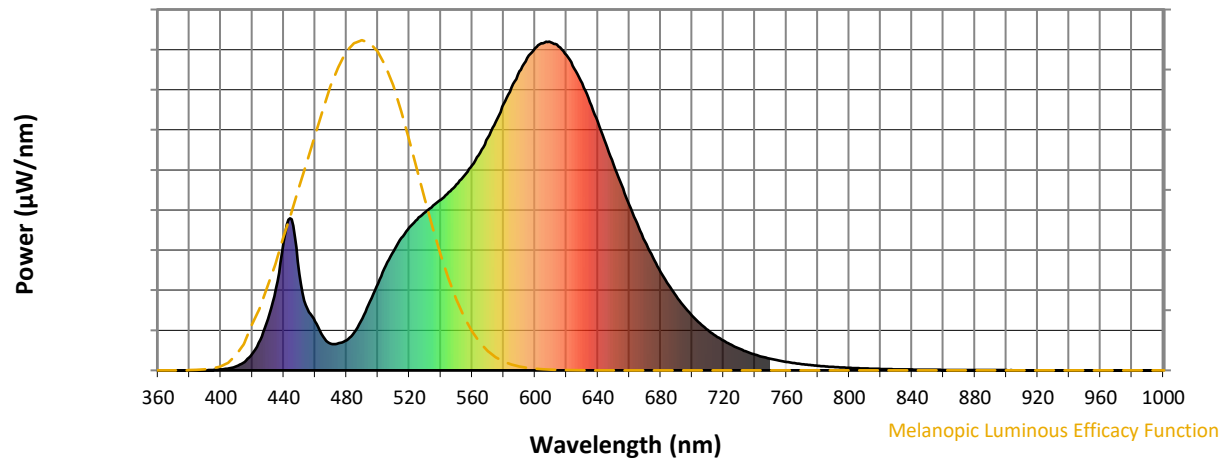
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

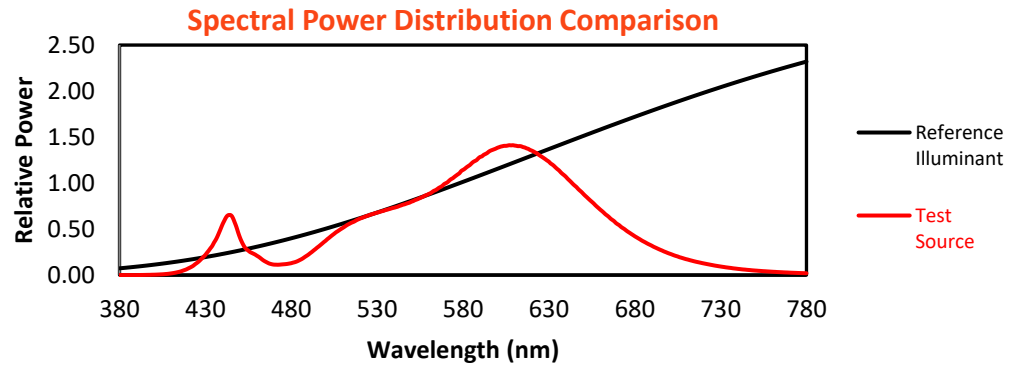
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

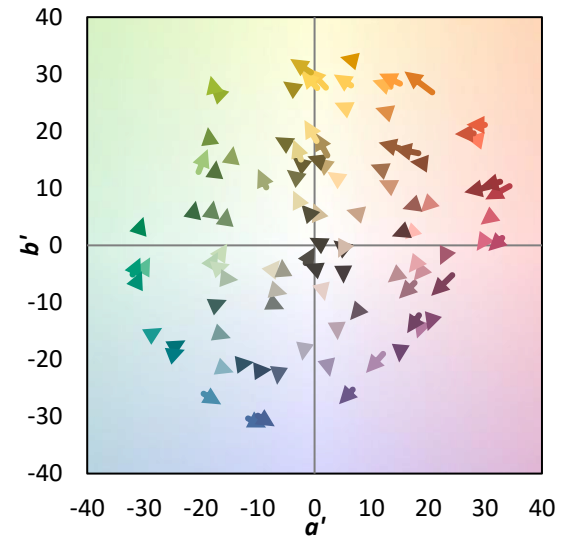
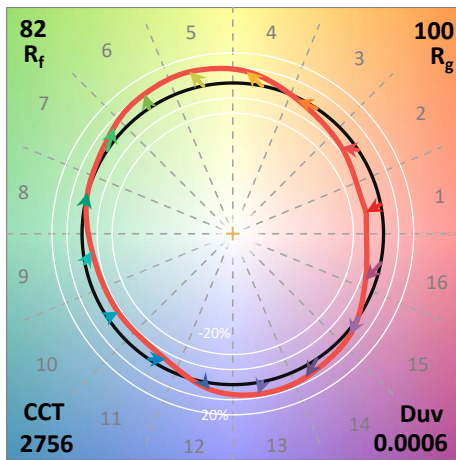
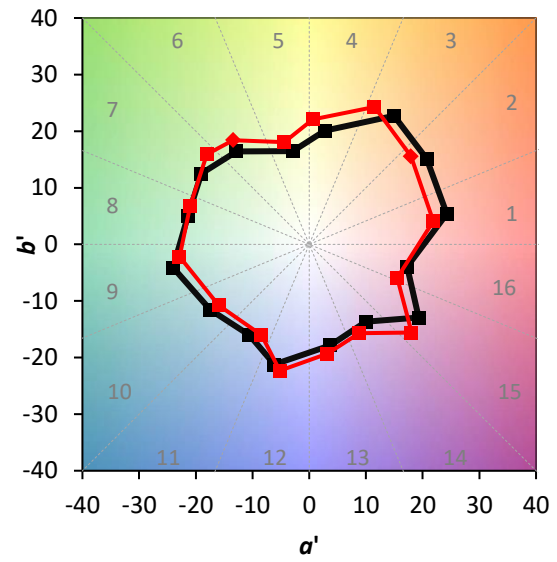
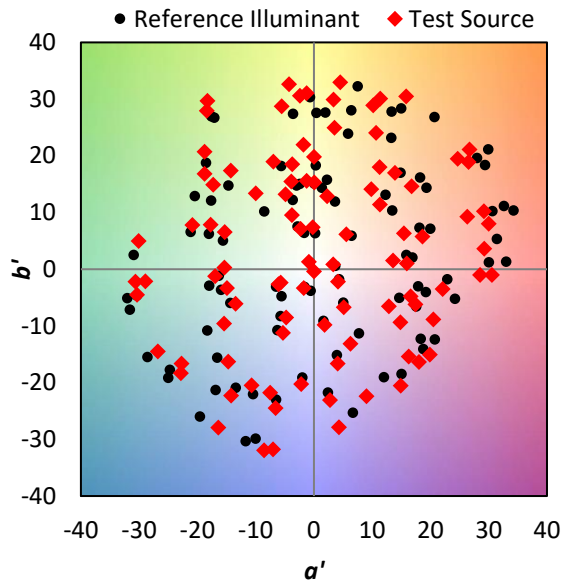
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

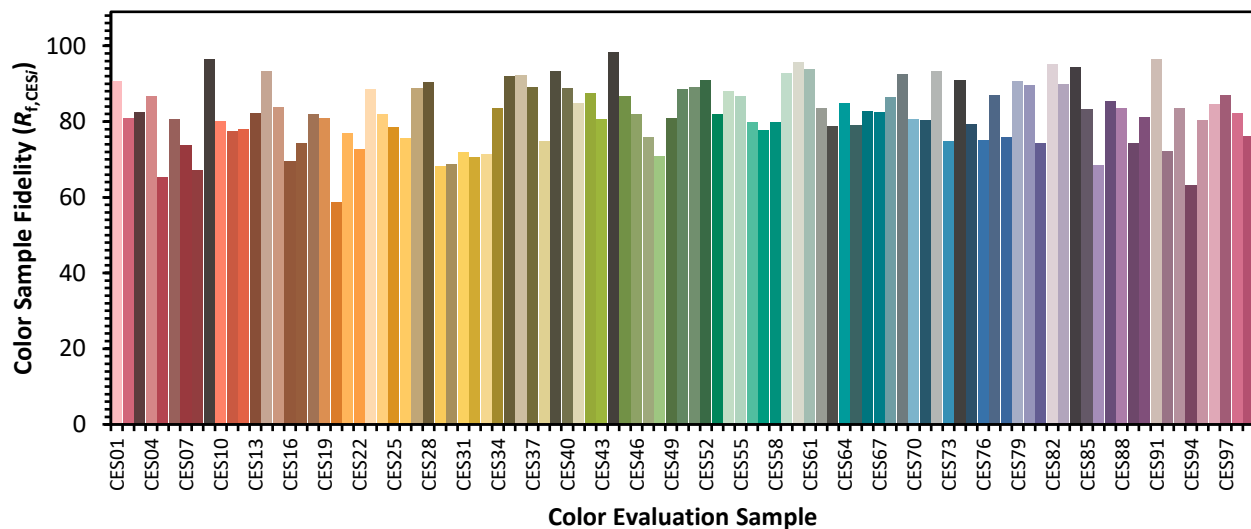


Color Vector Graphics

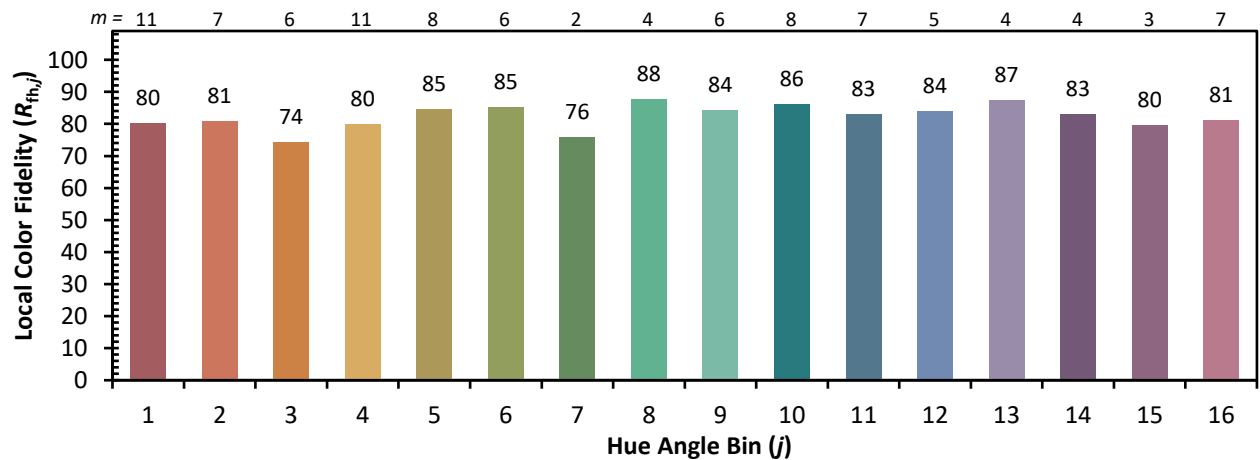
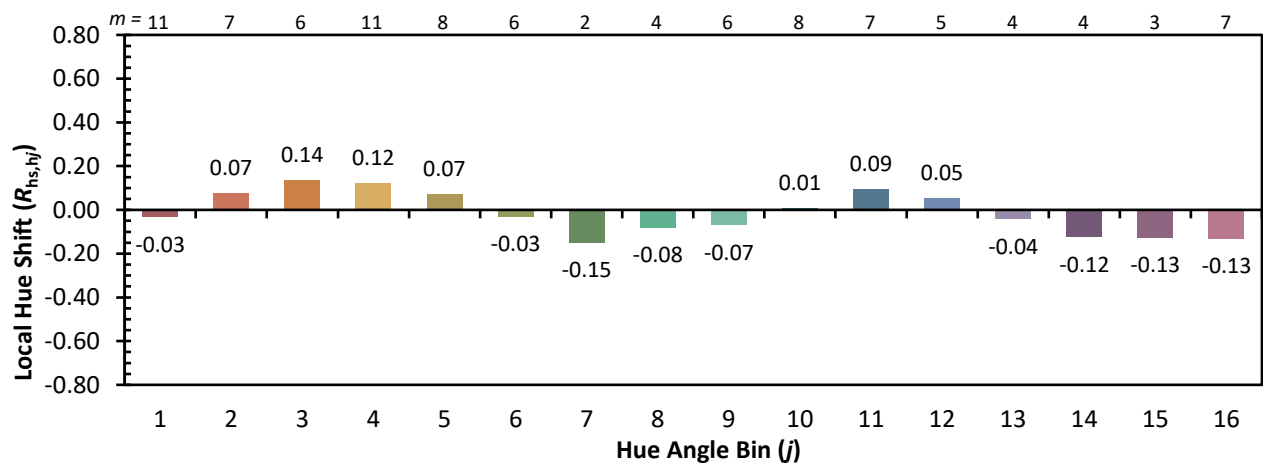
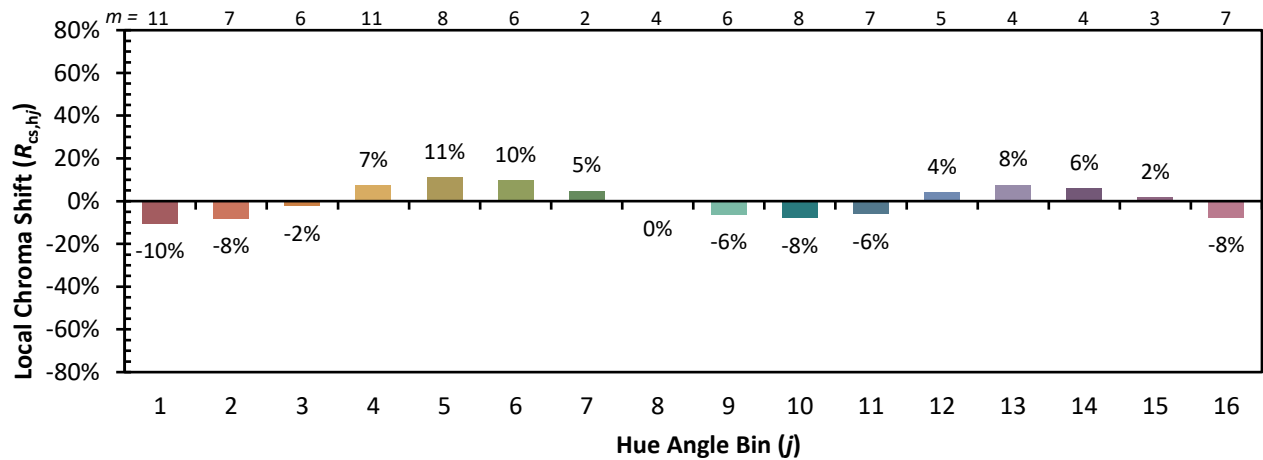


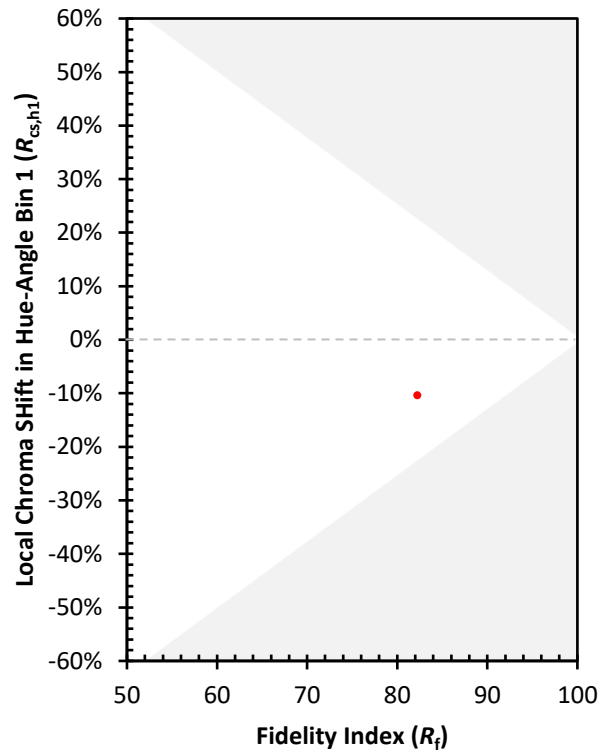
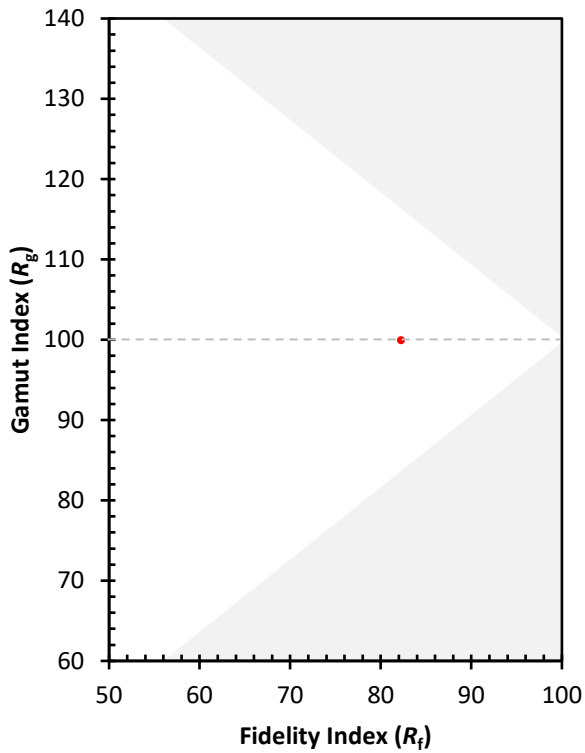
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)