

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: P991213

Luminaire Tested: **GPC-SA2C-827-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991213
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-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 80CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8006.1 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

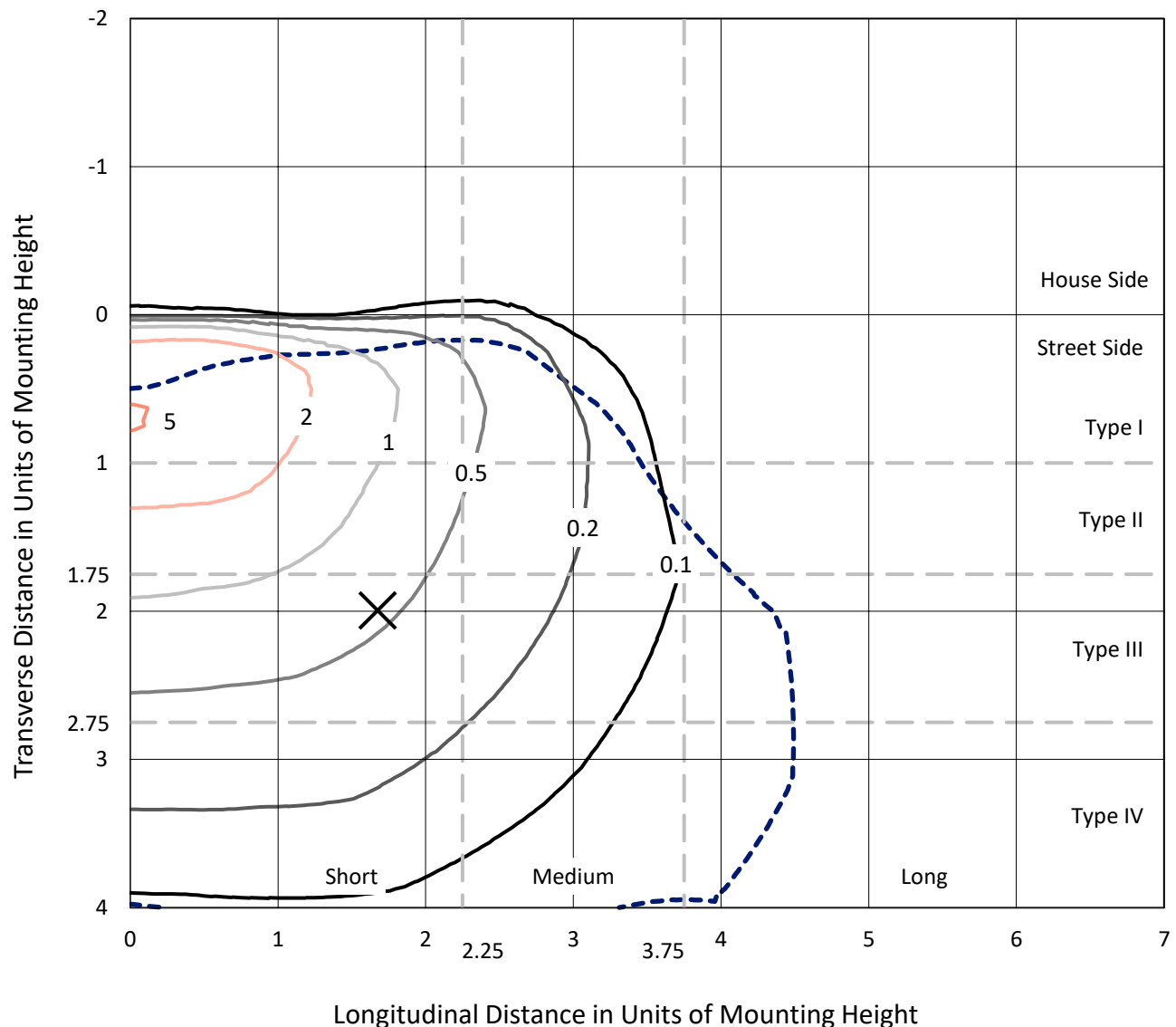
Input Watts (W): 94.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

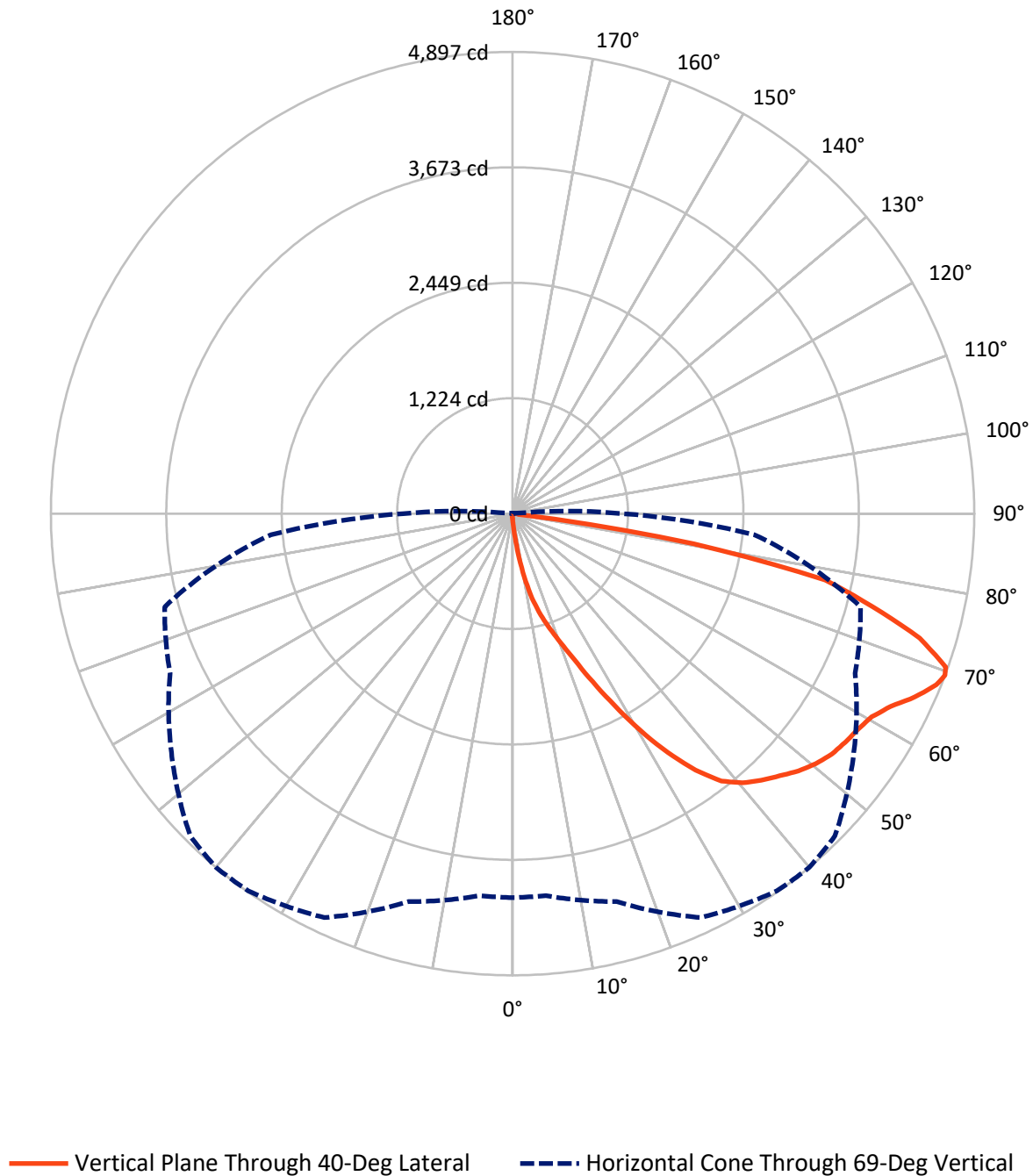
× Max cd
- - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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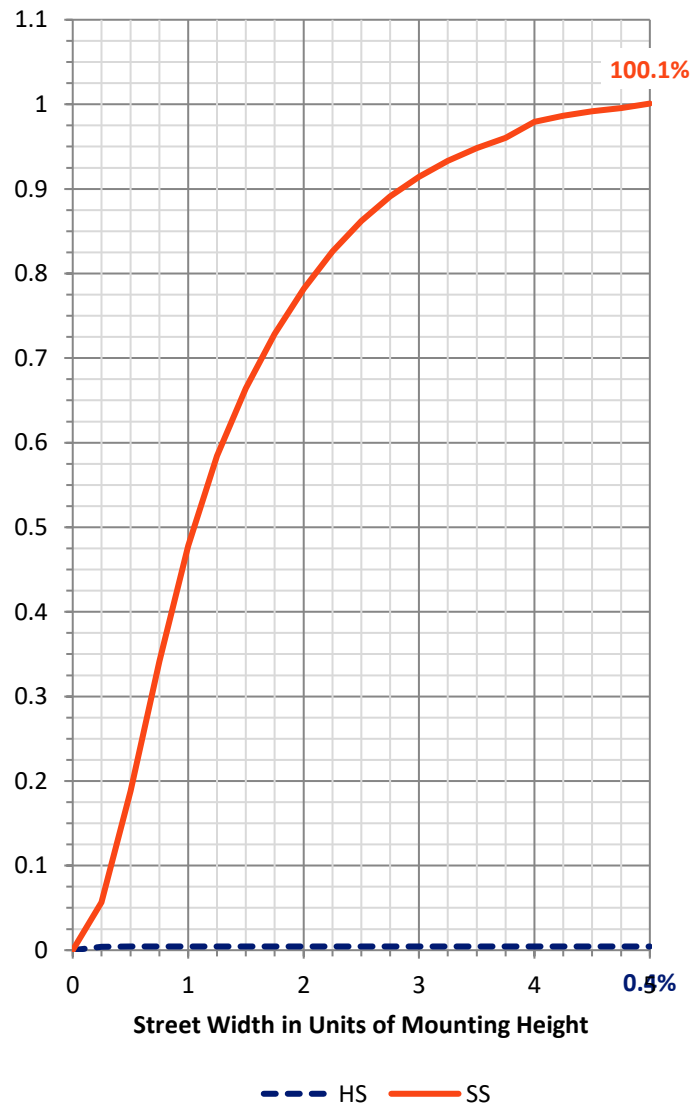
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.1	0.0	35.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7971.0	0.0	7971.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	8006.1	0.0	8006.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	0.2
10°-20°	127.9	1.6
20°-30°	385.1	4.8
30°-40°	847.9	10.6
40°-50°	1303.0	16.3
50°-60°	1604.5	20.0
60°-70°	2025.7	25.3
70°-80°	1558.1	19.5
80°-90°	136.9	1.7
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°	8006.1	100.0
0°-180°	8006.1	100.0

Coefficient of Utilization



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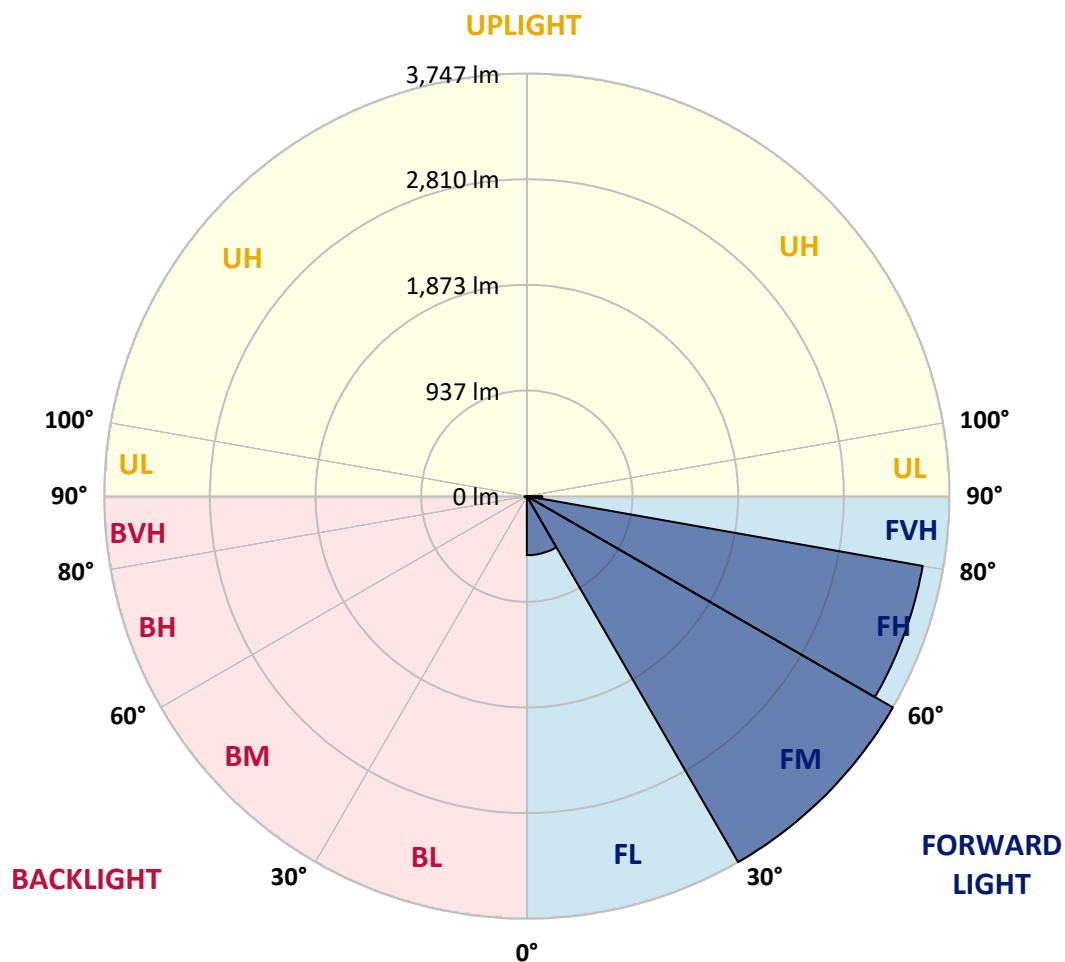
CATALOG NUMBER: GPC-SA2C-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	523.9	6.5			
FM	(30°-60°)	3746.9	46.8			
FH	(60°-80°)	3563.7	44.5			G2/5000
FVH	(80°-90°)	136.5	1.7			G2/225
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	8.6	0.1	B0/220		
BH	(60°-80°)	20.1	0.3	B0/110		G0/110
BVH	(80°-90°)	0.4	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
2.5°	130.6	129.1	123.1	115.6	109.6	105.1	99.1	90.1	81.1	70.6	63.1
5°	342.4	340.9	316.9	286.8	246.3	219.2	192.2	148.7	112.6	87.1	66.1
7.5°	633.7	629.2	606.7	560.1	474.5	428.0	378.4	265.8	172.7	108.1	70.6
10°	922.0	919.0	890.5	822.9	729.8	683.3	617.2	453.5	271.8	141.2	76.6
12.5°	1091.7	1099.2	1078.2	1046.7	967.1	923.5	848.5	659.2	417.5	193.7	84.1
15°	1231.4	1234.4	1214.9	1195.4	1151.8	1115.8	1052.7	878.5	591.7	264.3	93.1
17.5°	1404.1	1399.6	1378.6	1356.0	1308.0	1281.0	1240.4	1081.2	777.9	364.9	105.1
20°	1623.3	1611.3	1587.3	1548.3	1495.7	1462.7	1420.6	1288.5	964.1	476.0	120.1
22.5°	1904.2	1889.1	1863.6	1827.6	1734.5	1683.4	1629.4	1465.7	1169.8	617.2	139.7
25°	2228.5	2221.0	2194.0	2142.9	2043.8	1976.2	1889.1	1672.9	1374.1	767.4	163.7
27.5°	2610.0	2596.5	2560.4	2500.3	2393.7	2305.1	2197.0	1901.2	1569.3	926.6	193.7
30°	3036.5	3006.4	2932.8	2880.3	2755.6	2668.5	2542.4	2204.5	1770.5	1093.2	225.3
32.5°	3432.9	3393.9	3287.2	3215.2	3099.5	3021.4	2905.8	2510.9	1997.3	1267.4	265.8
35°	3791.8	3749.8	3577.1	3467.4	3408.9	3342.8	3225.7	2860.8	2242.0	1453.7	312.4
37.5°	4095.2	4053.1	3830.9	3658.2	3622.1	3599.6	3505.0	3156.6	2519.9	1663.9	366.4
40°	4264.8	4237.8	4045.6	3850.4	3781.3	3754.3	3685.2	3404.4	2829.2	1874.1	429.5
42.5°	4317.4	4300.9	4144.7	4048.6	3922.5	3868.4	3785.8	3593.6	3095.0	2109.9	501.6
45°	4288.9	4270.9	4156.7	4179.3	4074.1	3969.0	3856.4	3722.7	3318.8	2387.7	591.7
47.5°	4167.2	4161.2	4083.1	4210.8	4198.8	4078.6	3939.0	3808.3	3511.0	2656.5	704.3
50°	3869.9	3866.9	3902.9	4167.2	4281.4	4168.7	4029.1	3884.9	3664.2	2925.3	848.5
52.5°	3468.9	3490.0	3671.7	4086.1	4305.4	4239.3	4119.2	3972.0	3790.3	3194.1	1042.2
55°	3257.2	3275.2	3514.0	3997.5	4300.9	4281.4	4210.8	4056.1	3905.9	3414.9	1300.5
57.5°	3417.9	3398.4	3508.0	3985.5	4281.4	4317.4	4276.9	4122.2	4011.1	3610.1	1657.9
60°	3722.7	3716.7	3730.2	4071.1	4321.9	4376.0	4347.4	4167.2	4114.7	3758.8	2051.3
62.5°	4030.6	4014.1	4027.6	4306.9	4463.1	4500.6	4466.1	4240.8	4195.8	3866.9	2477.8
65°	4183.8	4171.7	4234.8	4544.2	4664.3	4689.8	4644.8	4359.5	4209.3	3922.5	2746.6
67.5°	4164.2	4161.2	4308.4	4710.9	4832.5	4847.5	4810.0	4478.1	4152.2	3921.0	2775.2
69°	4072.6	4066.6	4260.3	4727.4	4886.6	4897.1	4835.5	4418.0	4008.1	3820.3	2572.4
70°	3964.5	3970.5	4189.8	4697.3	4888.1	4873.0	4730.4	4332.4	3898.4	3704.7	2314.1
72.5°	3562.0	3599.6	3899.9	4500.6	4682.3	4514.1	4327.9	4051.6	3689.7	3158.1	1615.8
75°	2979.4	3031.9	3419.4	4092.2	4026.1	3942.0	3919.5	3709.2	3342.8	2097.9	1148.8
77.5°	1456.7	1630.9	2426.8	3143.1	3303.8	3389.4	3357.8	3066.5	2686.6	1030.2	749.4
80°	76.6	79.6	127.6	300.3	1530.2	1946.2	2393.7	2341.2	2033.3	470.0	394.9
82.5°	40.5	40.5	45.1	52.6	61.6	73.6	195.2	1341.0	1208.9	241.8	147.2
85°	22.5	22.5	27.0	36.0	46.6	54.1	61.6	81.1	259.8	87.1	24.0
87.5°	10.5	13.5	18.0	25.5	33.0	42.0	48.1	60.1	76.6	73.6	4.5
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-SA2C-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
2.5°	58.6	55.6	51.1	48.1	46.6	43.5	40.5	39.0	37.5	36.0	37.5
5°	58.6	54.1	46.6	42.0	39.0	34.5	31.5	30.0	28.5	27.0	27.0
7.5°	58.6	51.1	42.0	36.0	31.5	28.5	24.0	22.5	21.0	19.5	19.5
10°	60.1	48.1	37.5	31.5	27.0	22.5	19.5	16.5	15.0	15.0	15.0
12.5°	60.1	45.1	33.0	27.0	22.5	18.0	13.5	10.5	9.0	9.0	9.0
15°	60.1	42.0	30.0	22.5	18.0	13.5	7.5	4.5	3.0	3.0	1.5
17.5°	61.6	40.5	27.0	19.5	13.5	7.5	1.5	0.0	0.0	0.0	0.0
20°	64.6	39.0	24.0	16.5	9.0	3.0	0.0	0.0	0.0	0.0	0.0
22.5°	67.6	37.5	21.0	12.0	4.5	1.5	0.0	0.0	0.0	0.0	0.0
25°	73.6	37.5	19.5	10.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	79.6	37.5	15.0	6.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	84.1	37.5	13.5	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	90.1	37.5	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	94.6	36.0	9.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	99.1	34.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	105.1	33.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	111.1	30.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	118.6	28.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	129.1	27.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	144.2	27.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	169.7	27.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	211.7	27.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	285.3	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	429.5	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	663.8	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1015.2	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1287.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1162.3	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	985.1	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	548.1	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	285.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	121.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.0	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.5	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	1.5	1.5	1.5	1.5	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

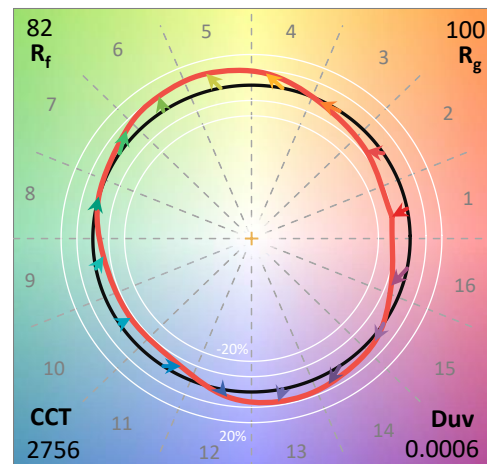
Test Information

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

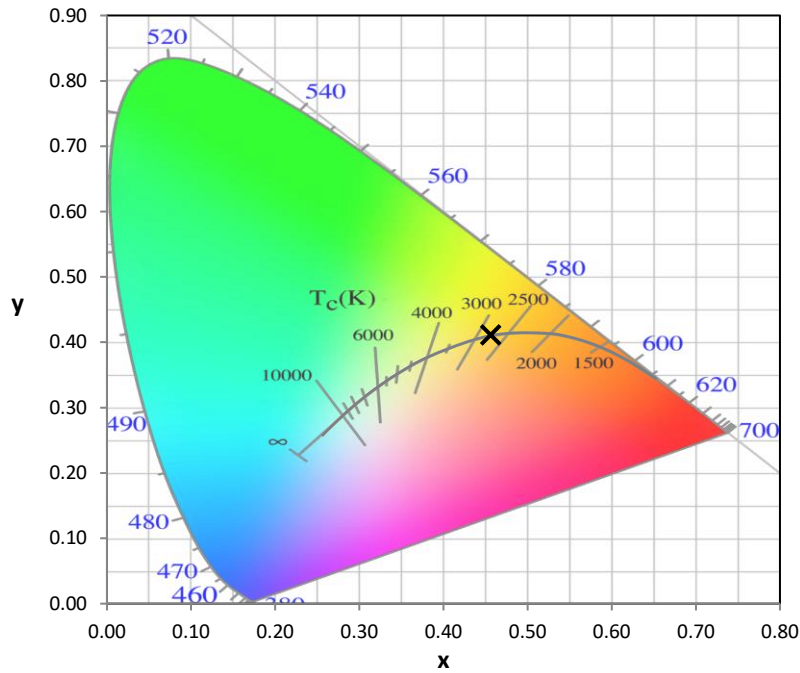
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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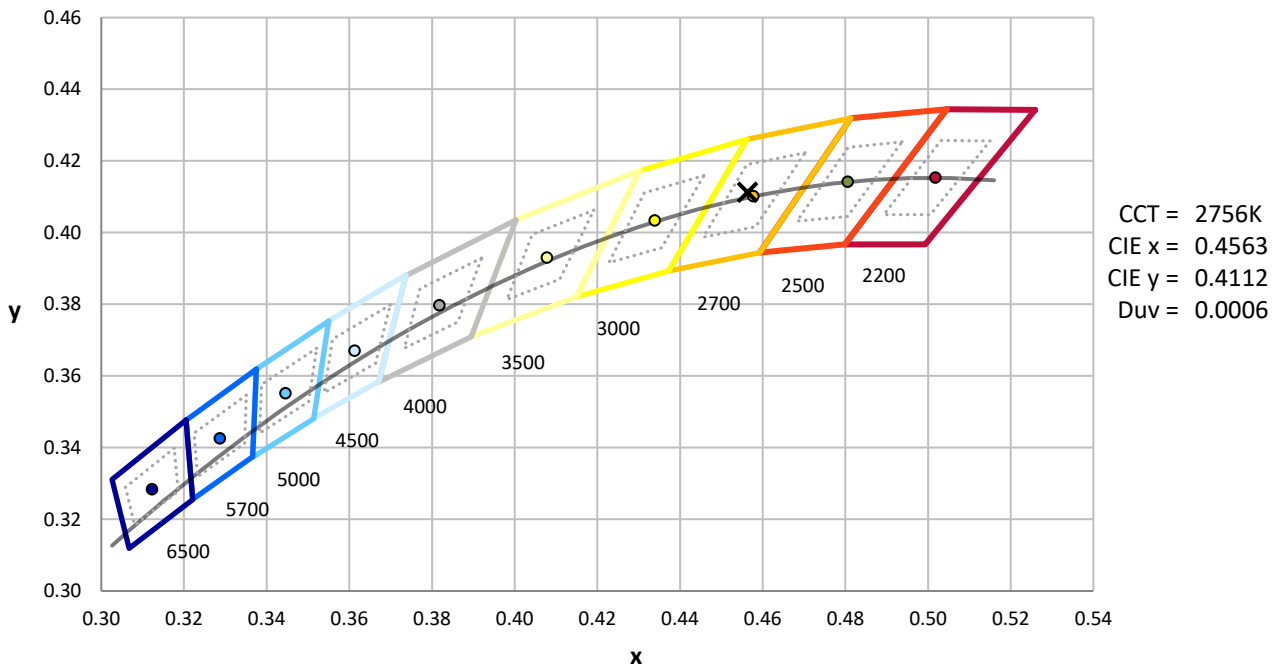
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



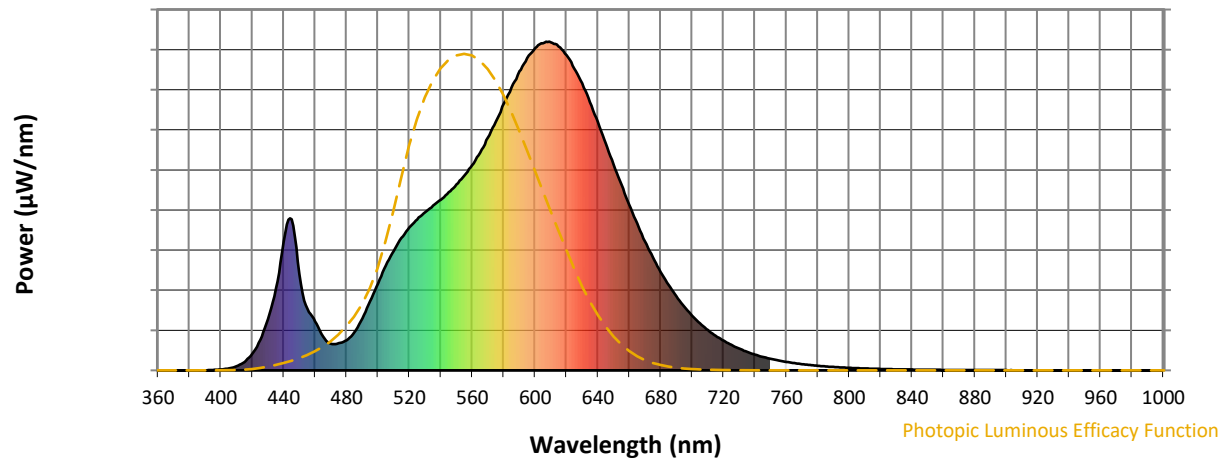
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

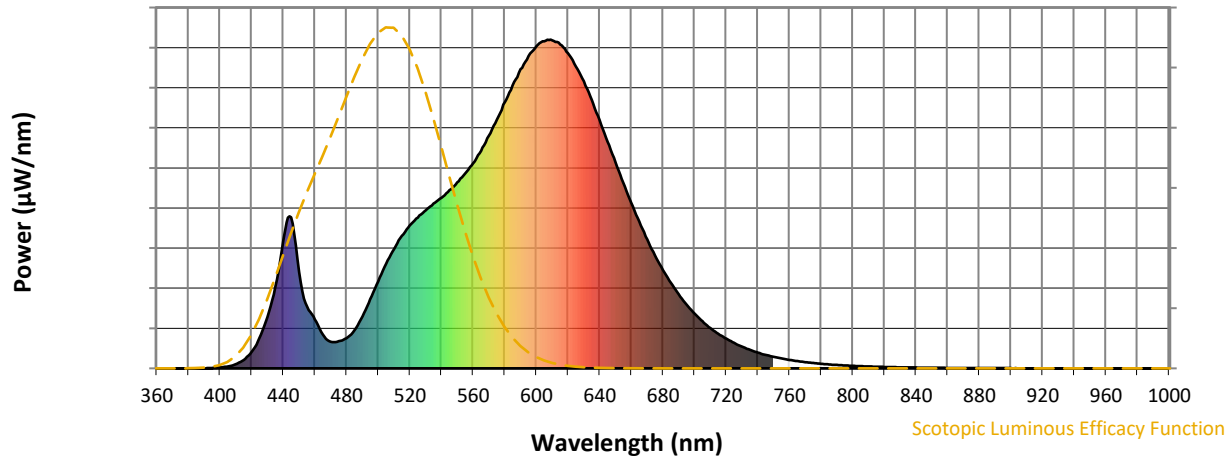


Photopic Lumens: NR

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	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			

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Scotopic Flux vs. Wavelength



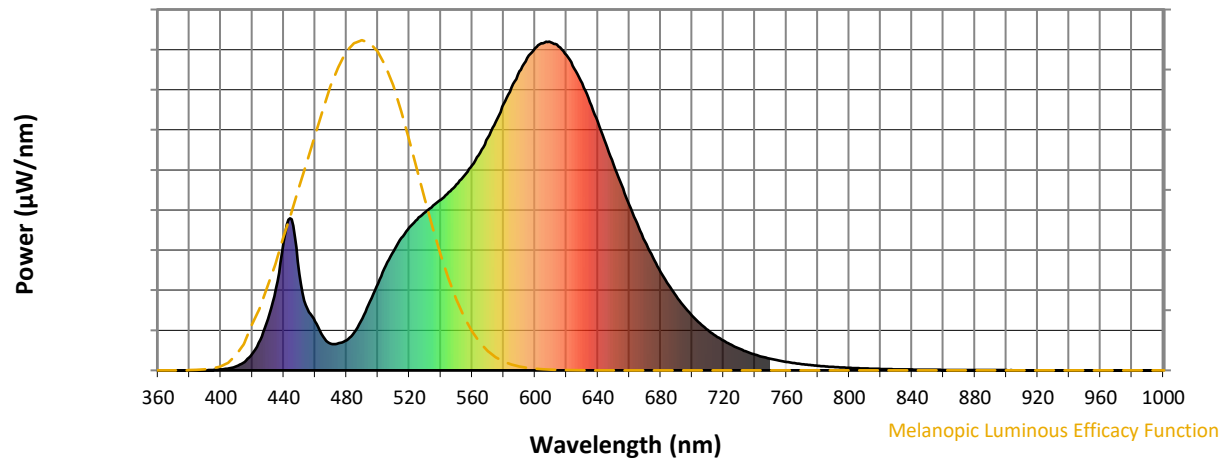
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

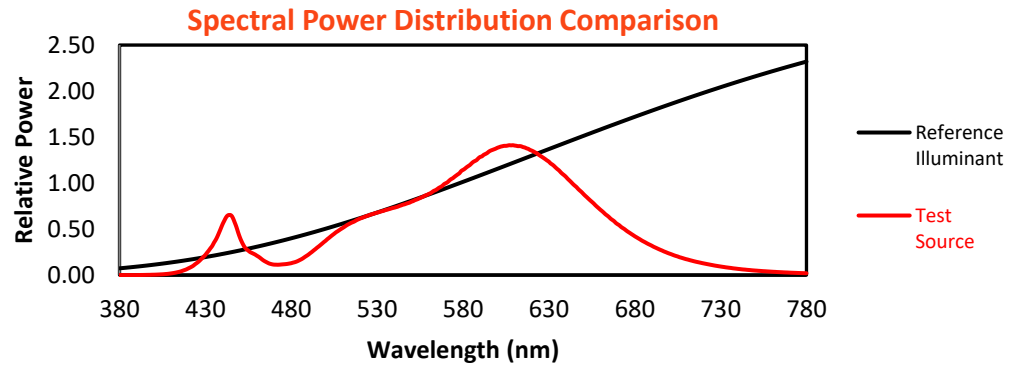
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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			

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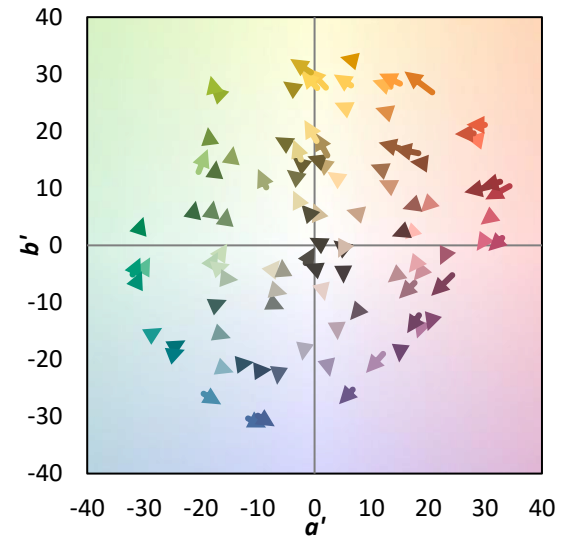
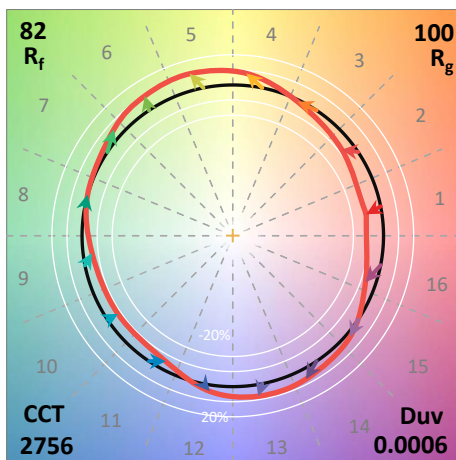
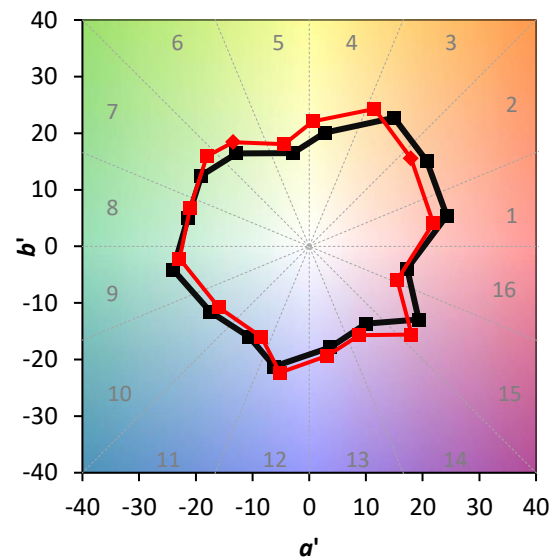
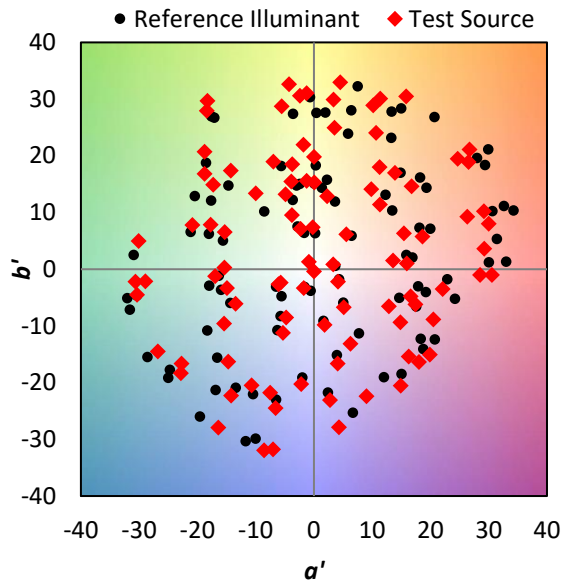
TM-30-18

Summary

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

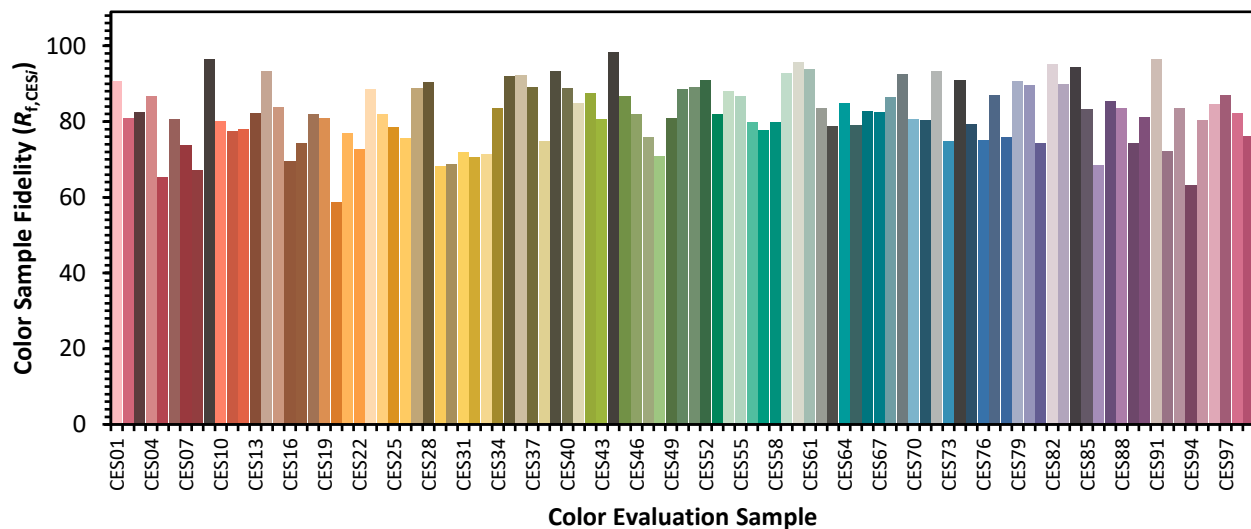


Color Vector Graphics

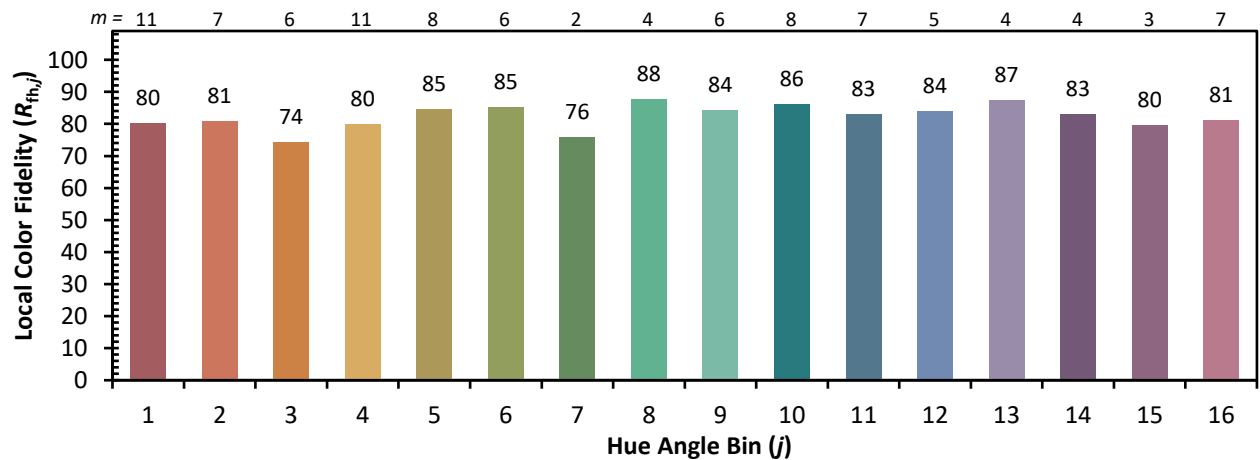
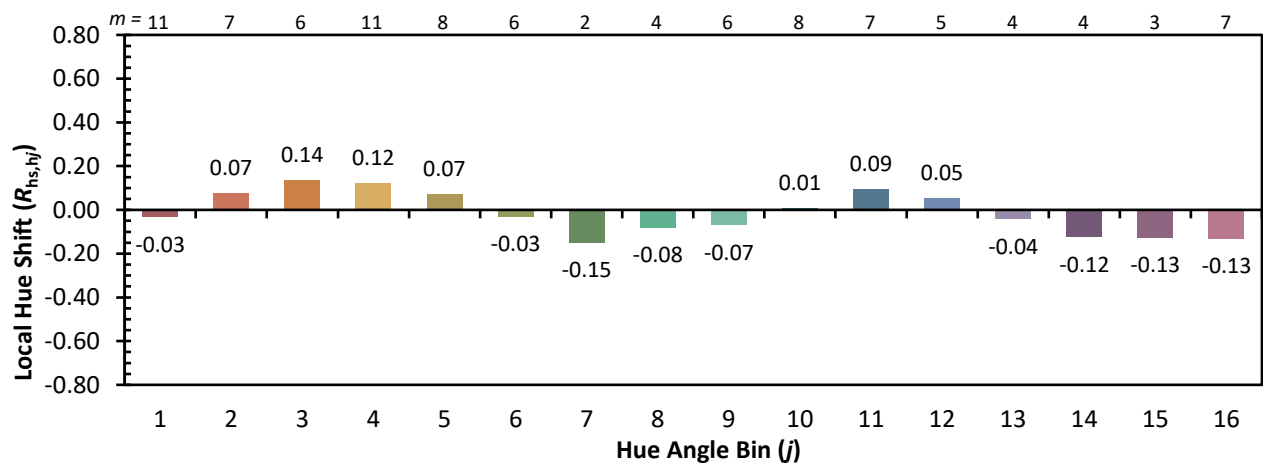
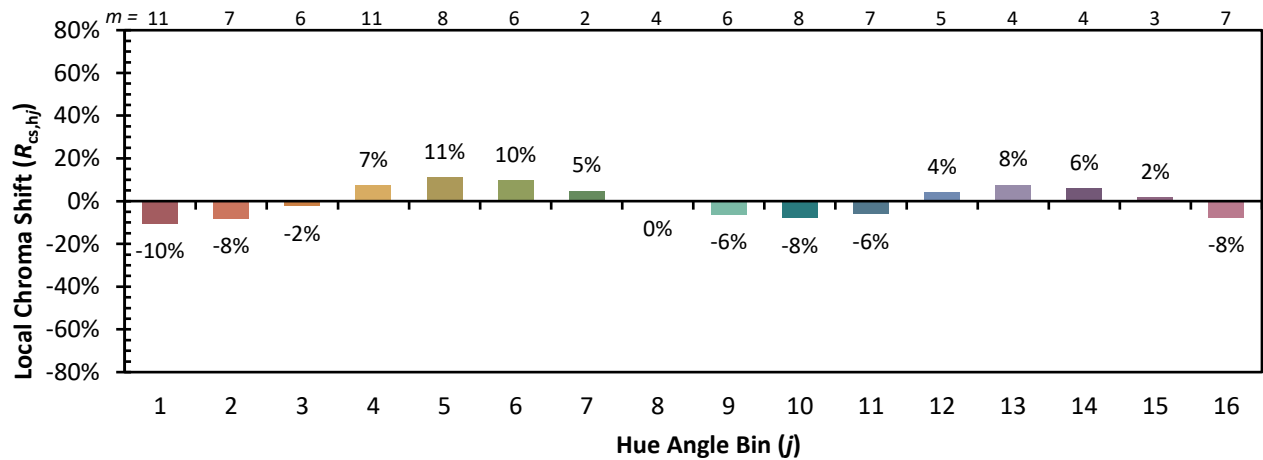


Individual Sample Fidelity Index ($R_{f,i}$)

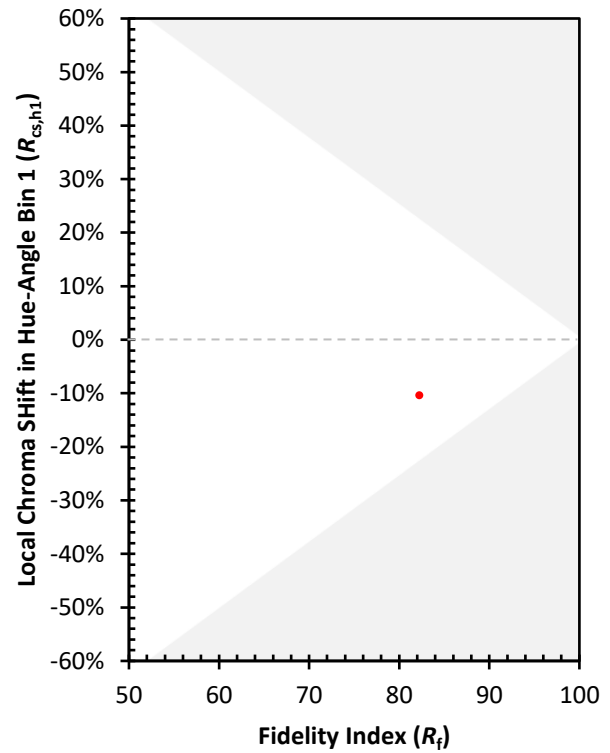
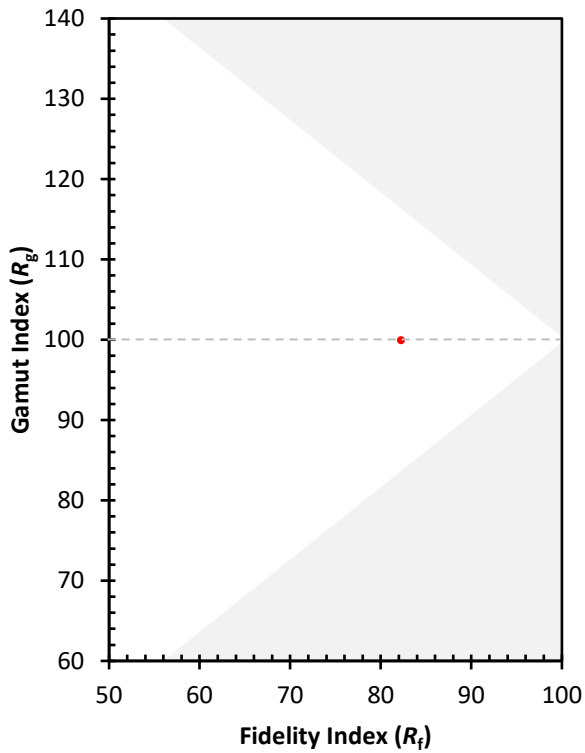
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)