

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: P991068

Luminaire Tested: **GPC-SA2D-827-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991068
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-827-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 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: 9177.1 lumens
Efficiency: N/A
Efficacy: 84.8 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): 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



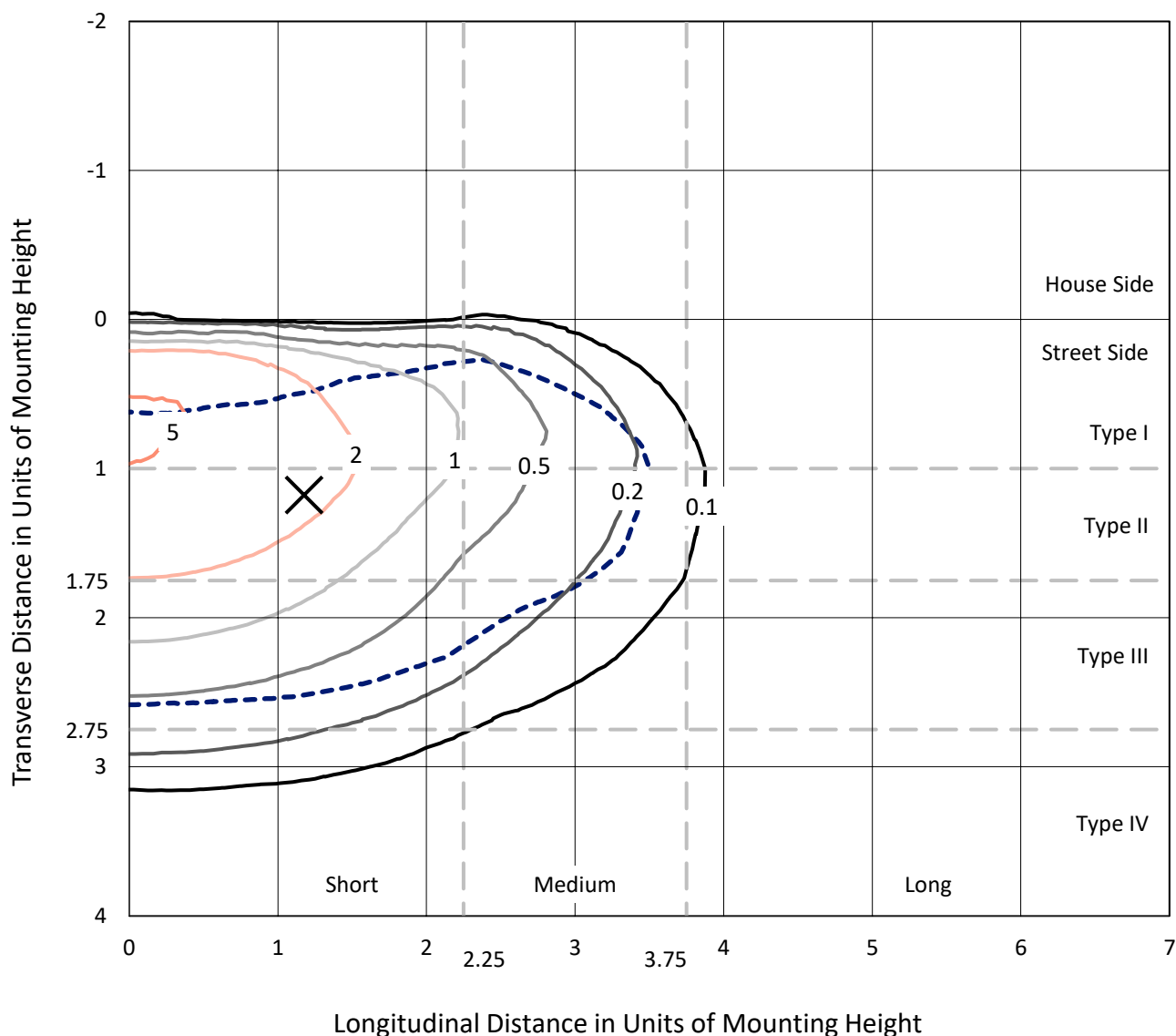
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

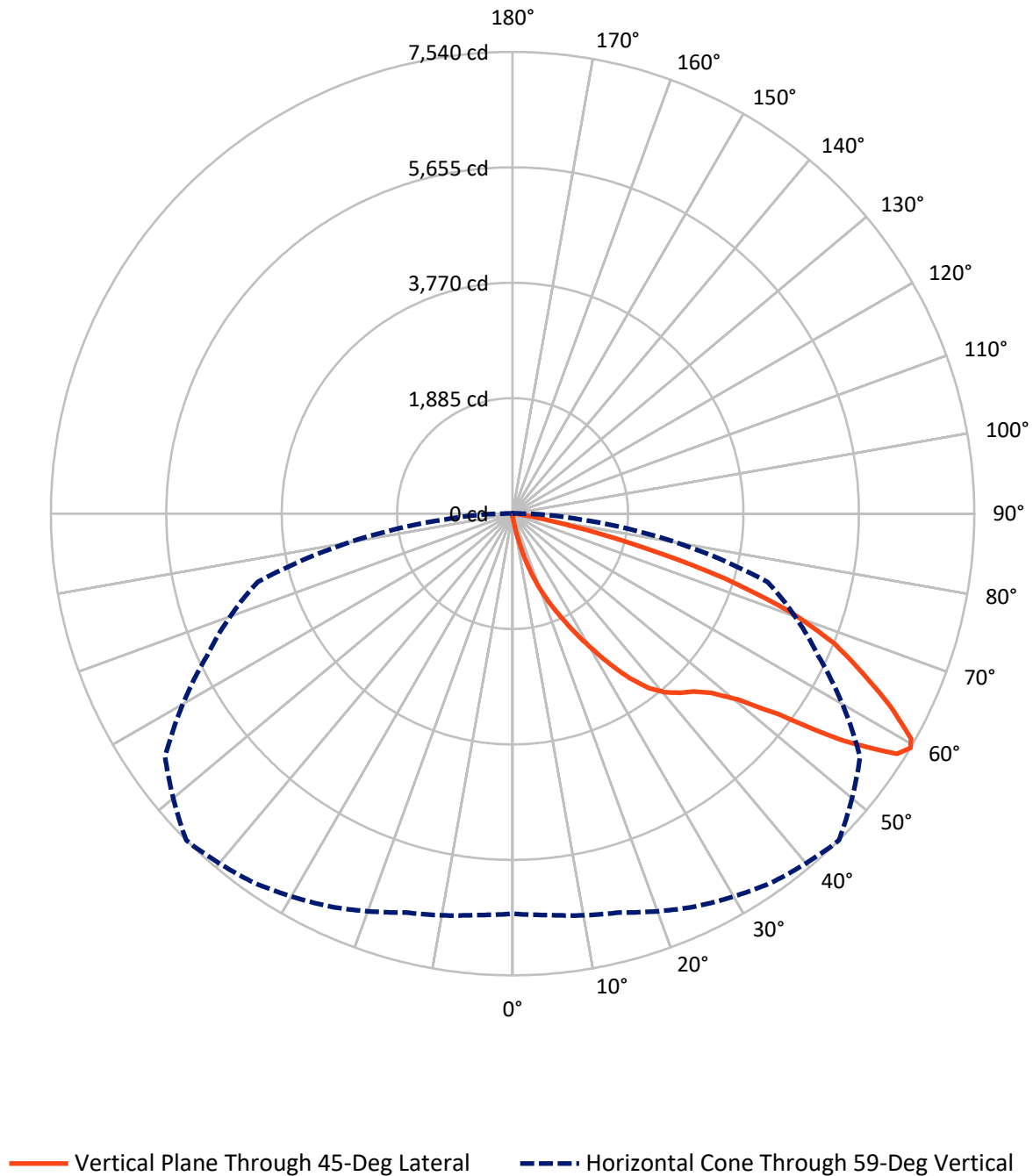


Based on 20 foot mounting height. Maximum calculated value = 5.8 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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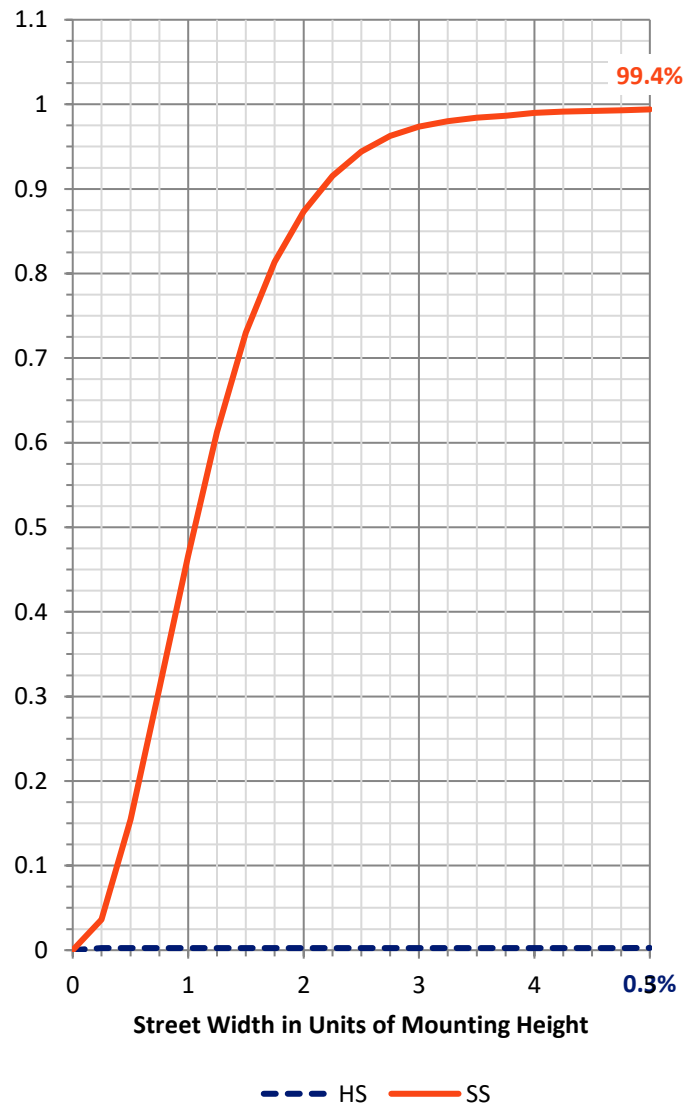
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.9	0.0	24.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9152.2	0.0	9152.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	9177.1	0.0	9177.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	0.1
10°-20°	106.2	1.2
20°-30°	375.7	4.1
30°-40°	865.8	9.4
40°-50°	1460.6	15.9
50°-60°	2408.0	26.2
60°-70°	2735.5	29.8
70°-80°	1124.7	12.3
80°-90°	91.6	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°	9177.1	100.0
0°-180°	9177.1	100.0



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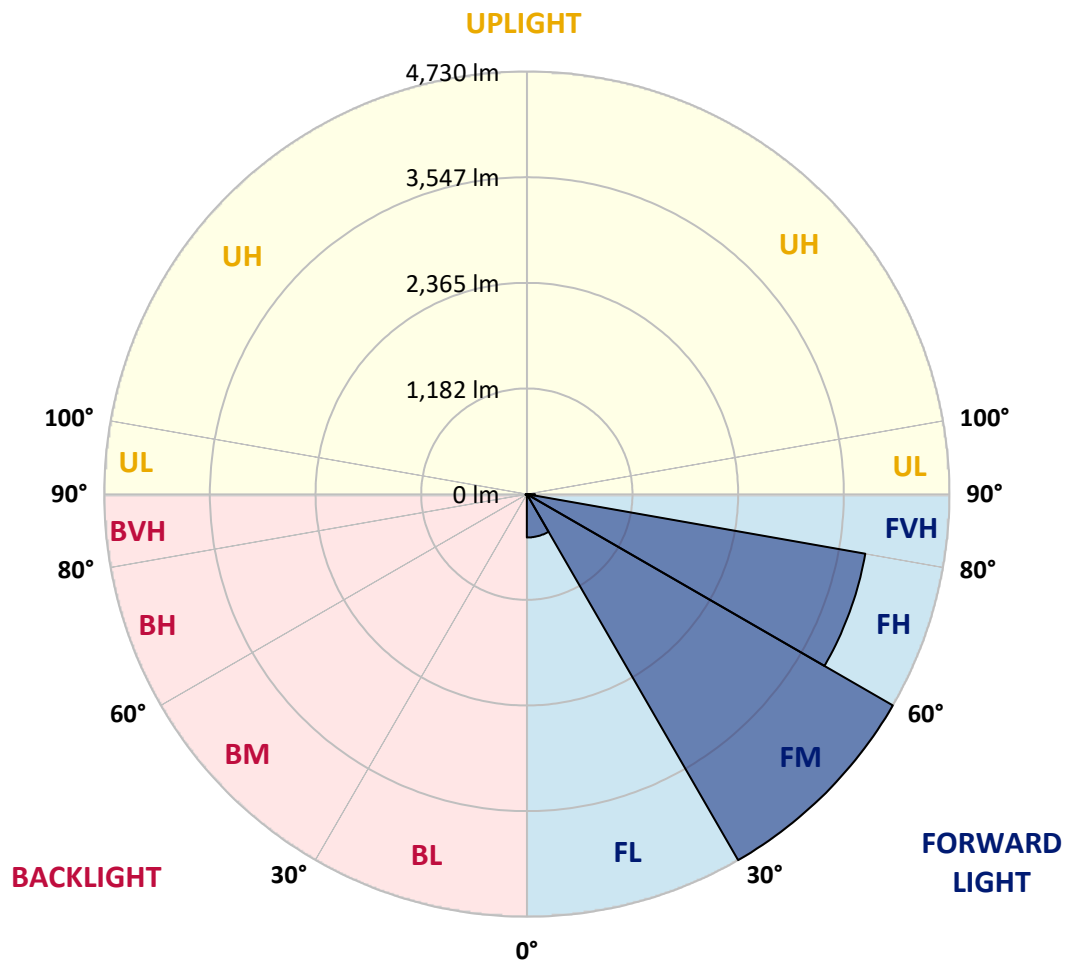
CATALOG NUMBER: GPC-SA2D-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	485.6	5.3			
FM	(30°-60°)	4729.7	51.5			
FH	(60°-80°)	3846.0	41.9			G2/5000
FVH	(80°-90°)	90.9	1.0			G1/100
BL	(0°-30°)	5.2	0.1	B0/110		
BM	(30°-60°)	4.7	0.1	B0/220		
BH	(60°-80°)	14.2	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°	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
2.5°	68.5	69.2	68.5	67.8	64.8	61.8	61.8	59.6	57.3	55.1	52.9
5°	120.6	117.6	114.7	108.0	95.3	84.1	82.7	73.0	64.8	58.8	53.6
7.5°	306.0	297.8	269.5	236.0	179.4	137.8	136.3	103.5	78.2	64.0	54.4
10°	638.9	616.5	573.3	501.9	387.9	283.7	261.4	159.3	102.8	70.7	55.1
12.5°	971.0	971.7	930.8	833.2	694.0	526.4	497.4	288.2	146.7	82.7	55.8
15°	1262.8	1255.4	1219.7	1150.4	1000.0	806.4	780.3	495.2	221.9	99.0	57.3
17.5°	1486.2	1475.8	1454.2	1407.3	1297.1	1106.5	1078.9	746.8	344.0	120.6	58.1
20°	1748.3	1740.9	1713.3	1648.5	1548.0	1396.1	1356.7	1022.3	524.2	156.4	59.6
22.5°	2073.0	2051.4	2017.9	1935.2	1810.9	1647.8	1634.4	1302.3	745.3	212.2	62.5
25°	2448.2	2417.7	2378.3	2274.0	2120.6	1922.6	1906.2	1577.1	983.6	296.4	67.0
27.5°	2903.2	2874.9	2804.2	2669.4	2485.5	2248.7	2230.1	1857.8	1248.0	411.0	73.0
30°	3396.1	3359.6	3242.7	3067.8	2892.8	2612.8	2568.1	2145.2	1512.3	554.0	81.2
32.5°	3855.5	3808.6	3664.2	3457.2	3274.0	2978.4	2938.9	2469.8	1790.0	724.5	93.8
35°	4262.8	4207.7	4007.4	3781.8	3597.9	3337.3	3301.6	2785.6	2059.6	918.1	109.5
37.5°	4586.7	4550.3	4273.3	4018.6	3868.9	3638.1	3614.3	3124.3	2359.6	1141.5	131.0
40°	4921.1	4872.7	4547.3	4226.4	4056.6	3864.5	3836.2	3396.9	2647.8	1382.7	157.9
42.5°	5204.0	5158.6	4852.6	4512.3	4247.2	4018.6	4000.7	3625.5	2927.0	1633.7	192.9
45°	5503.3	5462.4	5188.4	4921.8	4524.2	4172.0	4141.5	3814.6	3199.6	1927.0	239.0
47.5°	5914.4	5860.0	5598.7	5393.9	4938.9	4408.0	4373.8	4000.0	3475.8	2233.8	303.1
50°	6428.9	6389.4	6200.3	6037.2	5554.7	4838.4	4765.4	4240.5	3737.9	2585.3	386.4
52.5°	6928.5	6915.1	6928.5	6870.4	6503.3	5585.3	5443.0	4644.8	4071.5	2952.3	495.2
55°	6991.1	7032.0	7193.6	7379.7	7318.7	6655.2	6535.4	5260.6	4484.0	3415.5	661.2
57.5°	6764.7	6787.8	6994.0	7322.4	7519.7	7418.5	7403.6	6280.0	5066.3	3965.7	910.6
59°	6533.1	6578.6	6743.1	7078.2	7361.1	7527.9	7539.8	6927.0	5509.3	4308.3	1116.2
60°	6404.3	6418.5	6545.8	6875.6	7179.4	7443.0	7477.3	7258.4	5858.5	4566.6	1300.1
62.5°	5997.8	6005.2	6073.7	6333.6	6602.4	6845.1	6917.3	7460.2	6828.0	5214.4	1950.1
65°	5466.1	5475.8	5579.3	5828.7	6084.9	6247.9	6278.5	6894.3	7338.8	5889.1	2857.8
67.5°	4507.8	4562.2	4694.0	5087.1	5447.5	5642.6	5664.9	5896.5	7059.6	6345.5	3338.0
70°	3052.1	3000.7	3327.6	3874.9	4526.4	4819.8	4821.3	4922.6	6009.7	6233.1	2783.3
72.5°	1332.8	1414.7	1653.0	2134.8	2924.0	3631.4	3616.5	3960.5	4793.0	5295.6	2069.2
75°	585.3	603.9	704.4	959.8	1329.9	1972.4	2199.6	3179.4	3607.6	3463.1	1504.8
77.5°	315.0	319.4	346.2	401.3	508.6	931.5	983.6	2014.1	2557.7	1996.3	972.4
80°	119.9	119.9	125.1	143.7	212.2	364.1	390.9	909.9	1764.7	1020.1	491.4
82.5°	75.2	73.7	74.5	75.2	86.4	124.3	132.5	361.9	833.2	503.4	129.6
85°	38.0	39.5	43.9	52.9	62.5	76.7	78.9	113.2	253.2	117.6	33.5
87.5°	24.6	25.3	27.6	35.7	43.9	55.8	57.3	78.9	100.5	82.7	6.7
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: P991068

CATALOG NUMBER: GPC-SA2D-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
2.5°	52.1	50.6	48.4	46.2	43.9	40.2	37.2	35.7	35.0	34.3	34.3
5°	51.4	49.1	44.7	41.0	37.2	32.8	29.0	26.8	26.1	25.3	25.3
7.5°	50.6	46.9	41.7	36.5	31.3	26.1	21.6	19.4	18.6	17.9	17.1
10°	49.9	45.4	38.0	32.0	26.1	20.1	15.6	12.7	11.9	11.2	11.2
12.5°	49.1	43.2	35.0	28.3	20.8	14.1	10.4	7.4	6.0	5.2	5.2
15°	48.4	41.0	32.8	23.8	15.6	8.9	4.5	2.2	0.7	0.7	0.7
17.5°	46.2	38.7	29.0	18.6	10.4	4.5	1.5	0.0	0.0	0.0	0.0
20°	44.7	36.5	25.3	14.1	6.0	2.2	0.0	0.0	0.0	0.0	0.0
22.5°	43.9	35.0	21.6	9.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0
25°	43.9	33.5	17.9	7.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	44.7	32.0	14.1	5.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	43.2	30.5	10.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	43.2	27.6	7.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	43.9	23.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	46.2	20.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	49.9	19.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	55.1	18.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	61.1	18.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	70.0	19.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	80.4	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	92.3	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	105.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	122.1	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	140.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	158.6	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	256.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	502.6	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	859.3	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	912.9	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	599.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.3	11.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	137.0	11.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.1	6.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	22.3	4.5	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.9	4.5	3.0	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	4.5	3.7	3.0	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

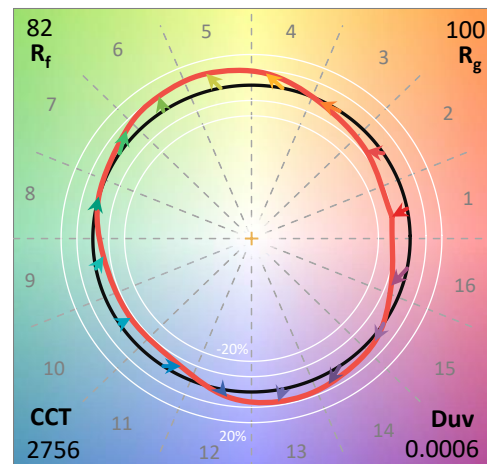
Test Information

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

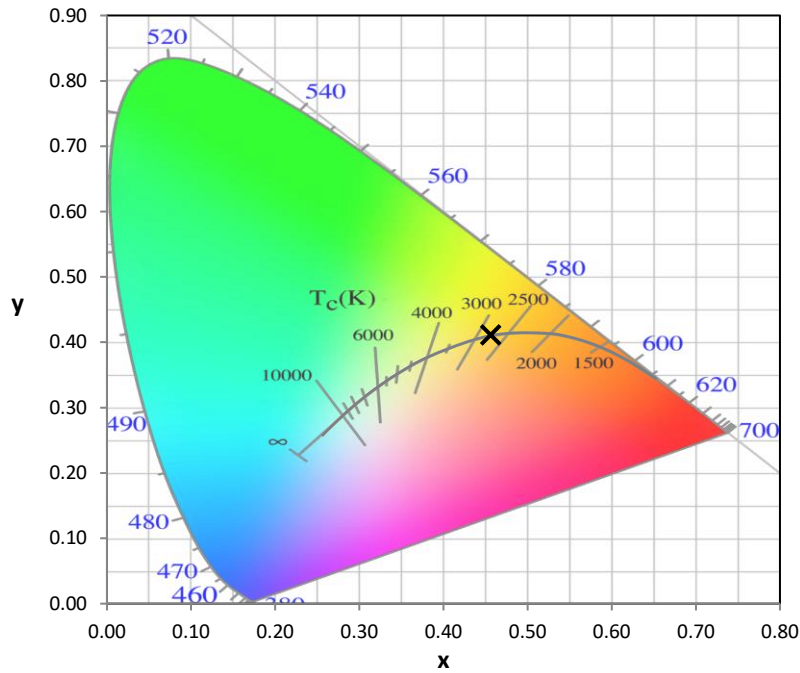
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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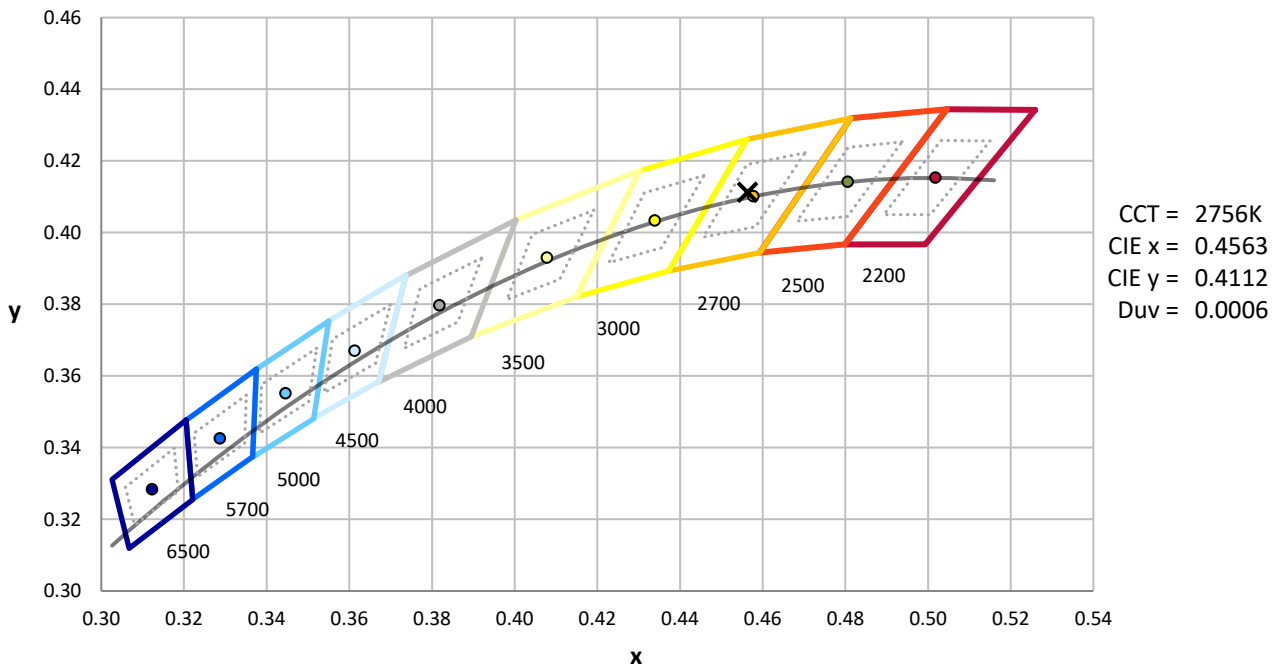
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



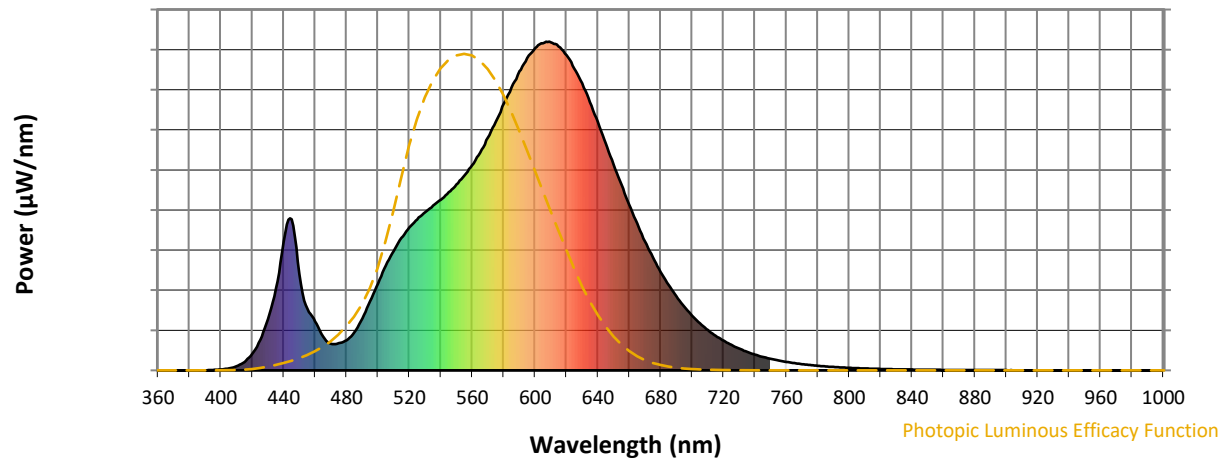
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

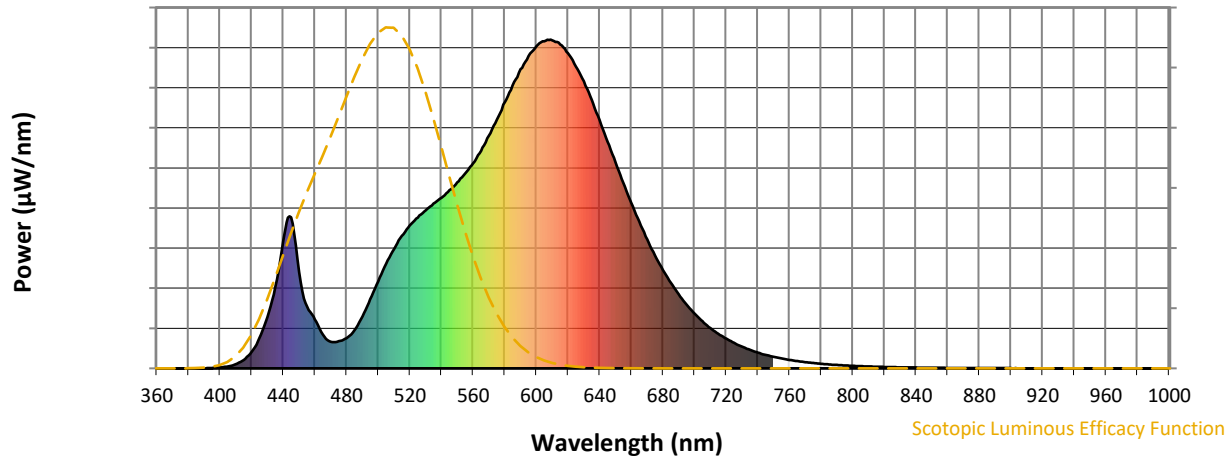


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



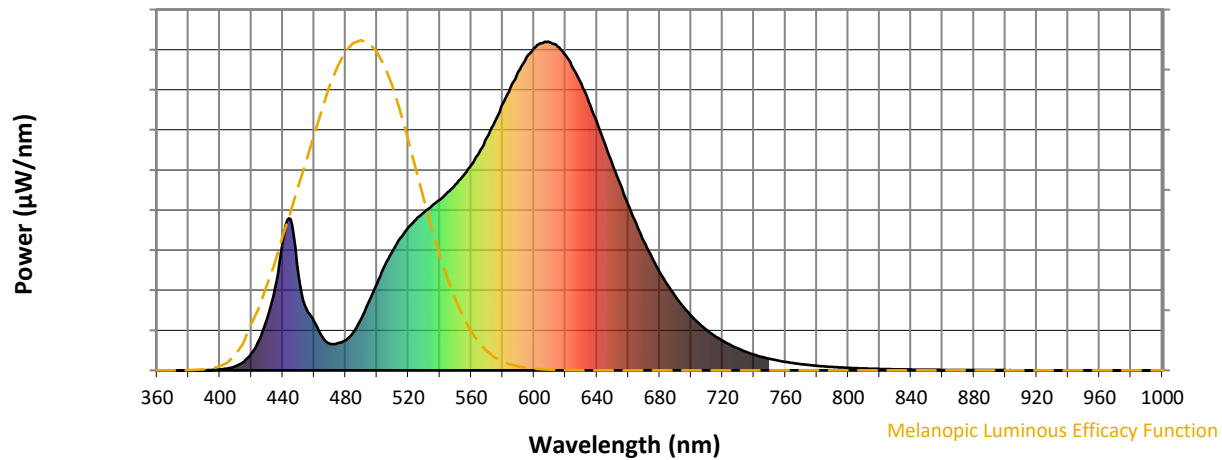
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

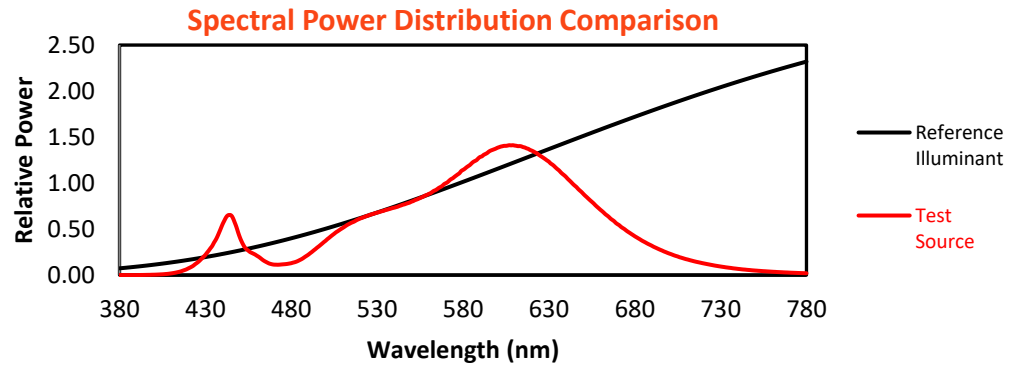
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	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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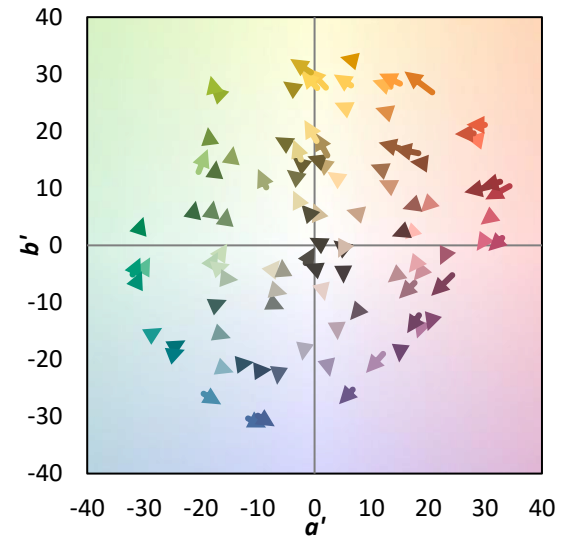
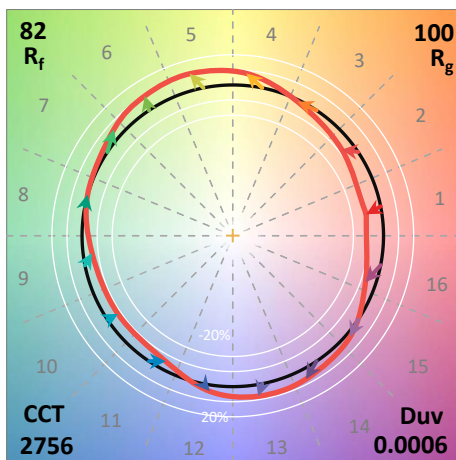
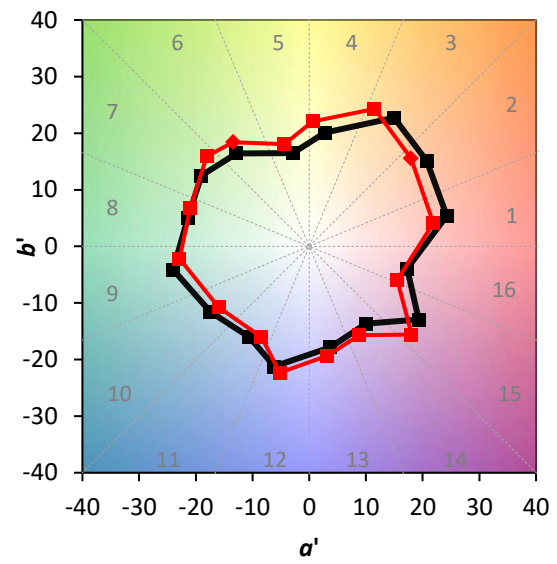
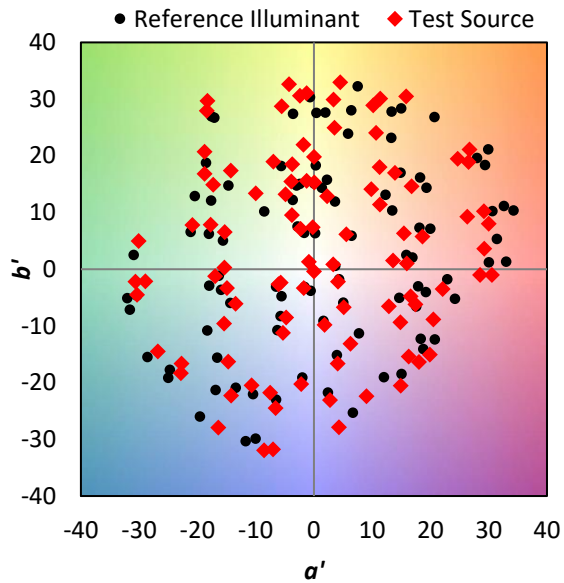
TM-30-18

Summary

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

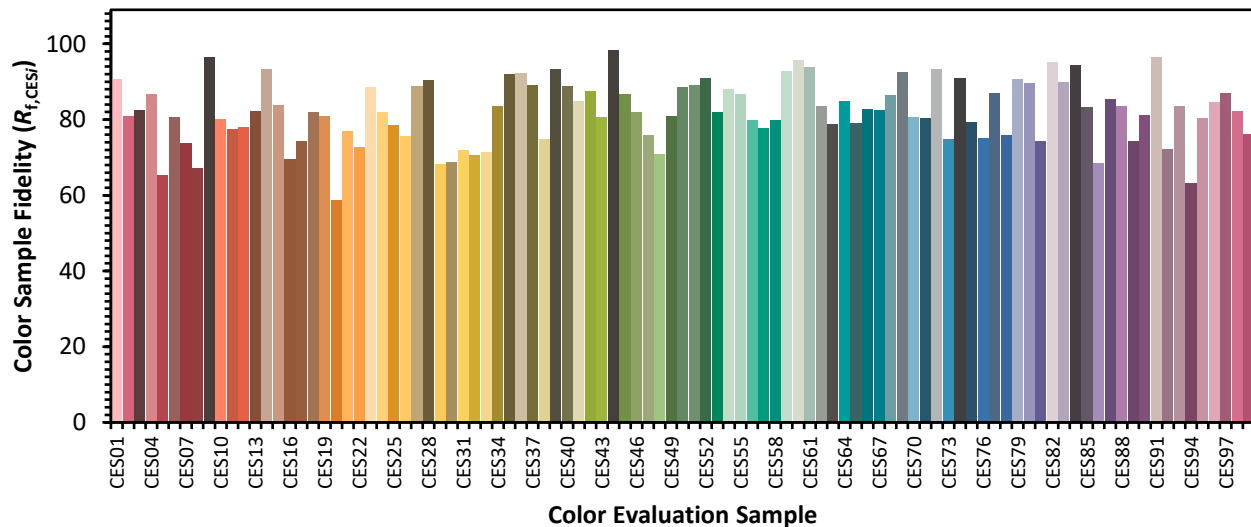


Color Vector Graphics

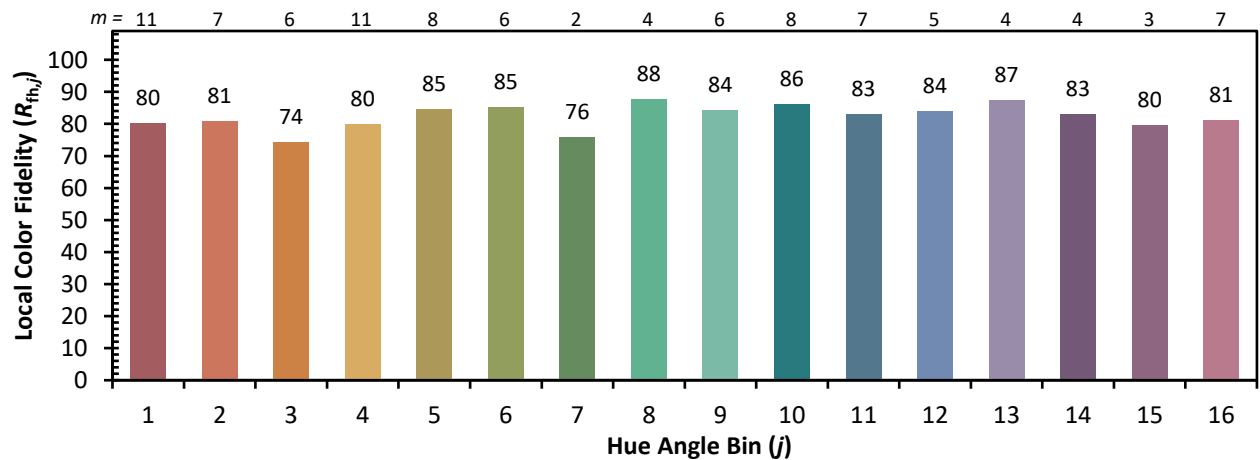
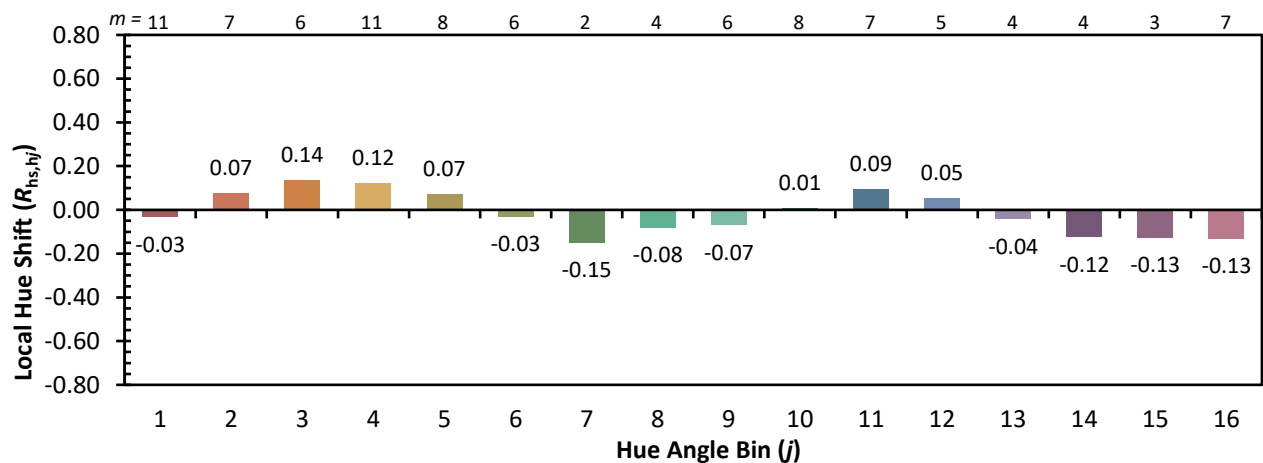
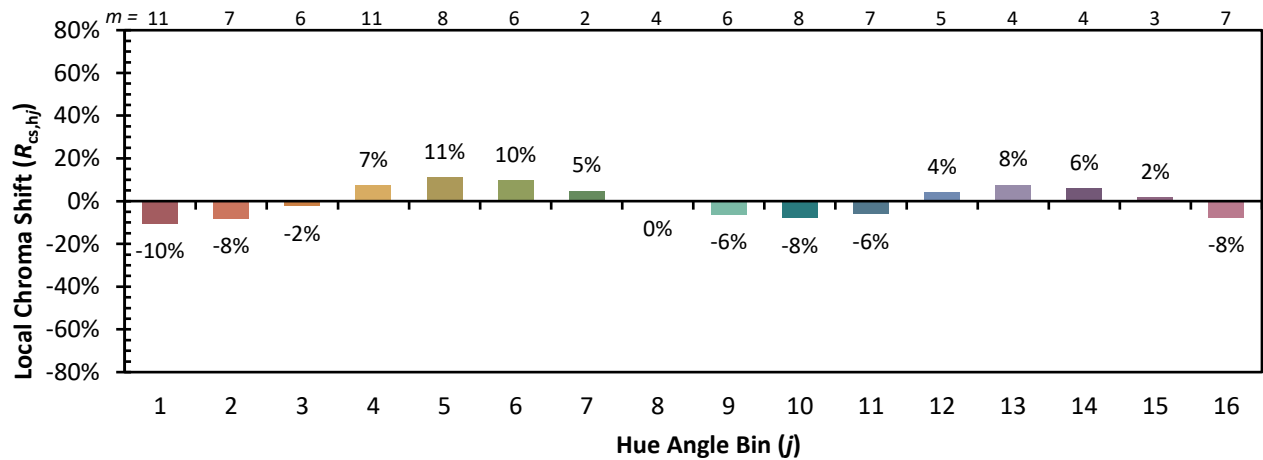


Individual Sample Fidelity Index ($R_{f,i}$)

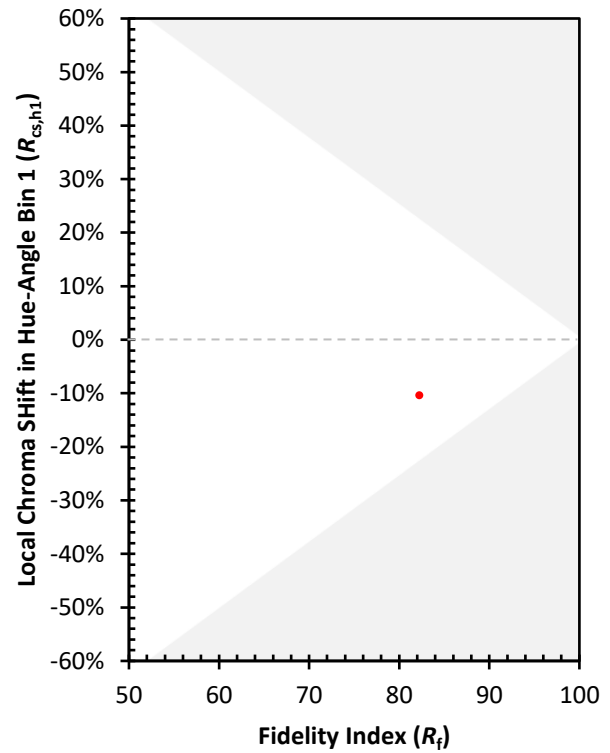
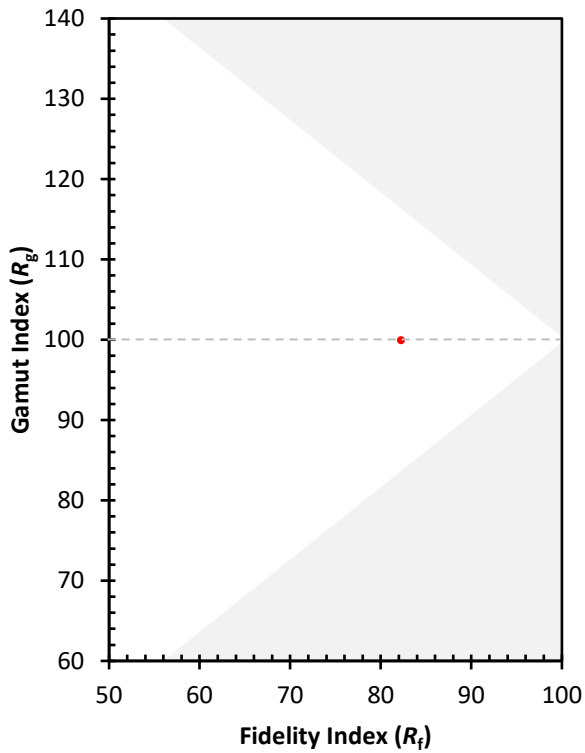
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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