

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: P991056

Luminaire Tested: **GPC-SA1D-760-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991056
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1D-760-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 1xLight Square PACKAGE 70CRI
5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6292.9 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.1
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

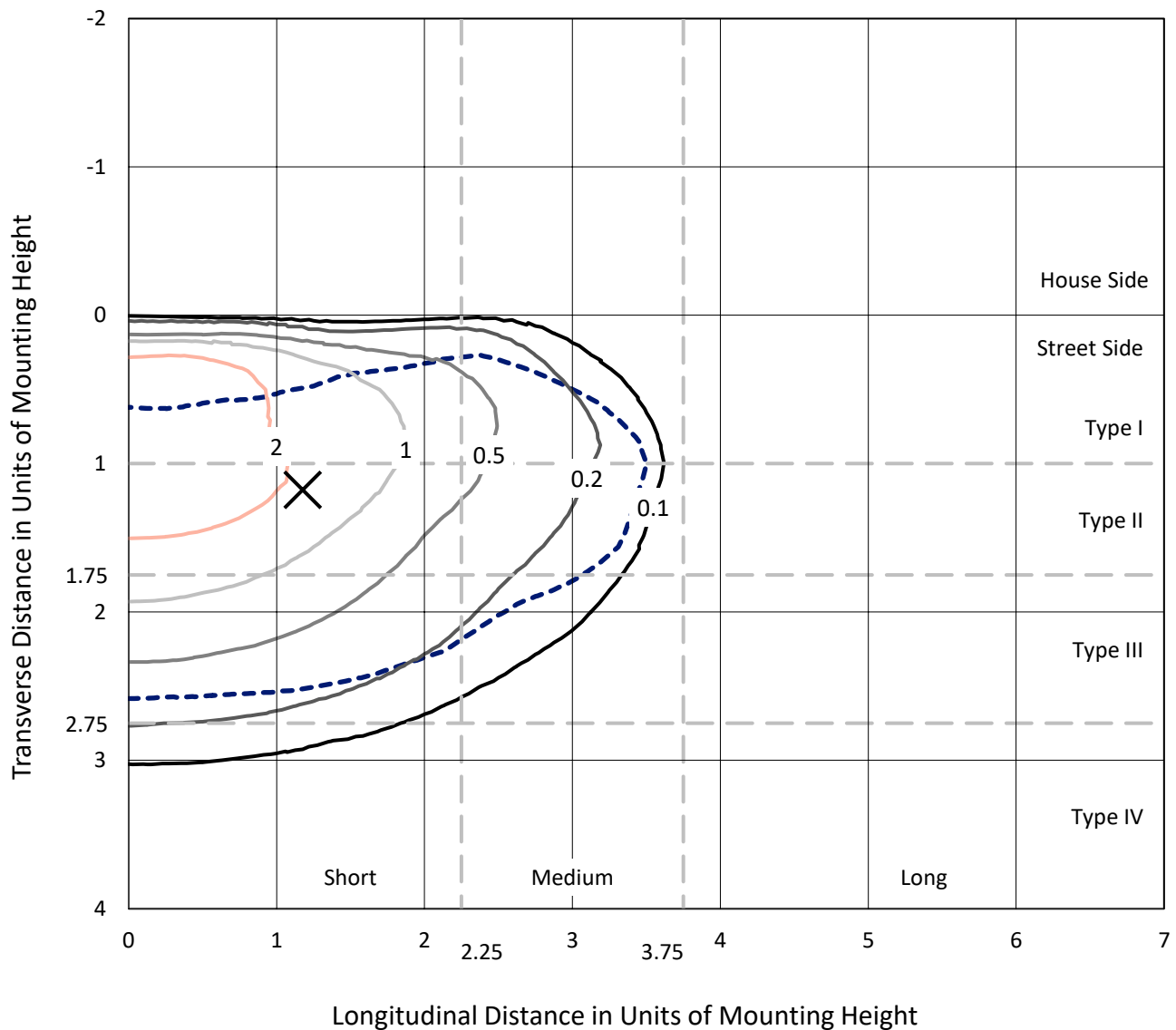


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Iso-Footcandle Lines of Horizontal Illumination

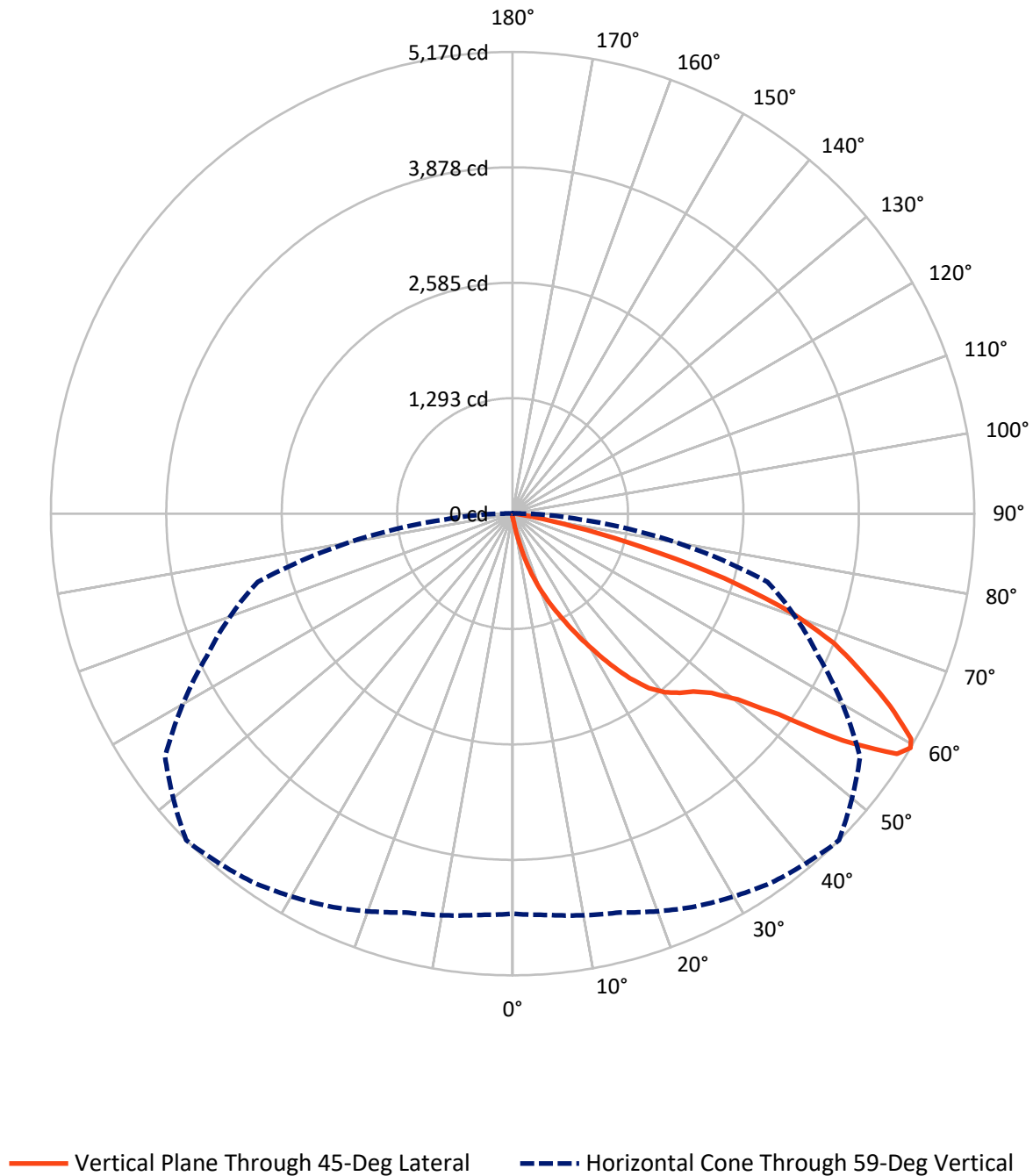
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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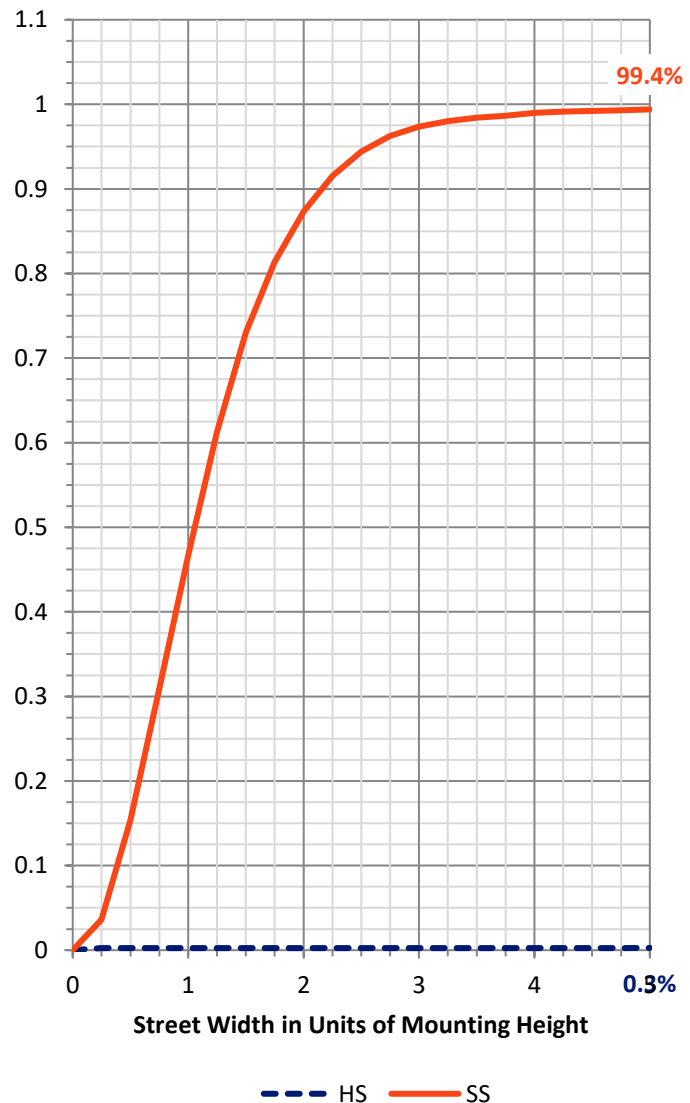
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.1	0.0	17.1
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6275.9	0.0	6275.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	6292.9	0.0	6292.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.1
10°-20°	72.9	1.2
20°-30°	257.6	4.1
30°-40°	593.7	9.4
40°-50°	1001.6	15.9
50°-60°	1651.2	26.2
60°-70°	1875.8	29.8
70°-80°	771.3	12.3
80°-90°	62.8	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°	6292.9	100.0
0°-180°	6292.9	100.0

Coefficient of Utilization



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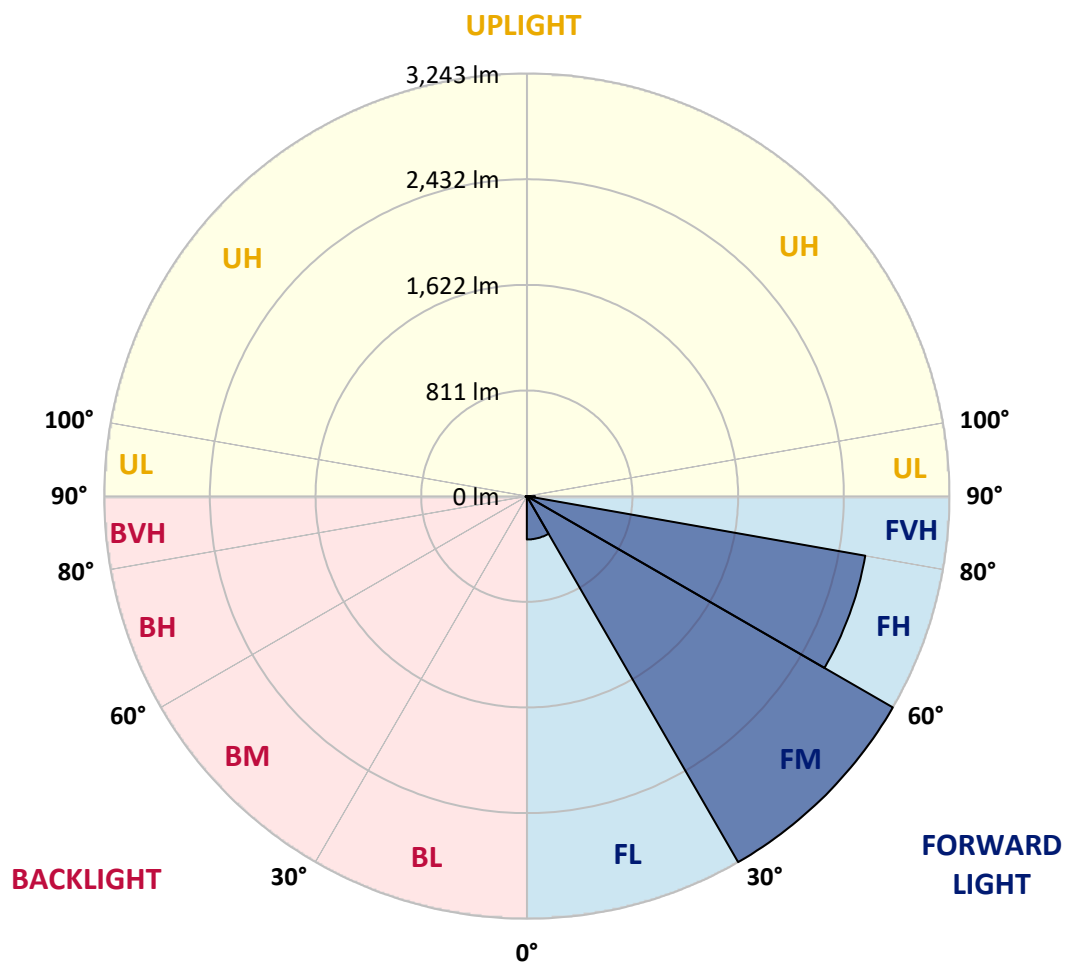
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	333.0	5.3			
FM	(30°-60°)	3243.2	51.5			
FH	(60°-80°)	2637.3	41.9			G2/5000
FVH	(80°-90°)	62.3	1.0			G1/100
BL	(0°-30°)	3.6	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	9.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2.5°	47.0	47.5	47.0	46.5	44.4	42.4	42.4	40.8	39.3	37.8	36.3
5°	82.7	80.7	78.6	74.0	65.4	57.7	56.7	50.0	44.4	40.3	36.8
7.5°	209.9	204.2	184.8	161.9	123.1	94.5	93.4	71.0	53.6	43.9	37.3
10°	438.1	422.8	393.2	344.1	266.0	194.5	179.2	109.3	70.5	48.5	37.8
12.5°	665.8	666.3	638.2	571.3	475.9	361.0	341.1	197.6	100.6	56.7	38.3
15°	866.0	860.9	836.3	788.9	685.7	553.0	535.1	339.5	152.2	67.9	39.3
17.5°	1019.1	1012.0	997.2	965.0	889.4	758.7	739.8	512.1	235.9	82.7	39.8
20°	1198.9	1193.8	1174.9	1130.4	1061.5	957.4	930.3	701.0	359.5	107.2	40.8
22.5°	1421.5	1406.7	1383.7	1327.0	1241.8	1129.9	1120.7	893.0	511.1	145.5	42.9
25°	1678.8	1657.9	1630.8	1559.3	1454.2	1318.3	1307.1	1081.4	674.5	203.2	46.0
27.5°	1990.8	1971.4	1922.9	1830.5	1704.3	1542.0	1529.2	1273.9	855.7	281.8	50.0
30°	2328.8	2303.8	2223.6	2103.6	1983.6	1791.7	1761.0	1471.0	1037.0	379.9	55.7
32.5°	2643.8	2611.7	2512.6	2370.7	2245.1	2042.4	2015.3	1693.6	1227.5	496.8	64.3
35°	2923.1	2885.3	2748.0	2593.3	2467.2	2288.5	2263.9	1910.1	1412.3	629.6	75.1
37.5°	3145.2	3120.2	2930.3	2755.6	2653.0	2494.7	2478.4	2142.4	1618.1	782.7	89.9
40°	3374.5	3341.3	3118.2	2898.1	2781.7	2650.0	2630.6	2329.3	1815.7	948.2	108.2
42.5°	3568.5	3537.4	3327.5	3094.2	2912.4	2755.6	2743.4	2486.1	2007.1	1120.2	132.2
45°	3773.8	3745.7	3557.8	3375.0	3102.3	2860.8	2839.9	2615.7	2194.0	1321.4	163.9
47.5°	4055.6	4018.3	3839.1	3698.7	3386.7	3022.7	2999.2	2742.9	2383.4	1531.8	207.8
50°	4408.4	4381.4	4251.7	4139.8	3809.0	3317.8	3267.8	2907.8	2563.2	1772.8	265.0
52.5°	4751.0	4741.8	4751.0	4711.2	4459.5	3829.9	3732.4	3185.0	2791.9	2024.5	339.5
55°	4793.9	4822.0	4932.8	5060.4	5018.6	4563.6	4481.4	3607.3	3074.8	2342.1	453.4
57.5°	4638.7	4654.5	4796.0	5021.1	5156.4	5087.0	5076.8	4306.3	3474.0	2719.4	624.4
59°	4479.9	4511.0	4623.9	4853.7	5047.7	5162.0	5170.2	4750.0	3777.8	2954.3	765.4
60°	4391.6	4401.3	4488.6	4714.8	4923.1	5103.8	5127.3	4977.2	4017.3	3131.4	891.5
62.5°	4112.8	4117.9	4164.9	4343.1	4527.4	4693.8	4743.4	5115.6	4682.1	3575.6	1337.2
65°	3748.2	3754.9	3825.8	3996.9	4172.5	4284.3	4305.3	4727.5	5032.4	4038.2	1959.6
67.5°	3091.1	3128.4	3218.7	3488.3	3735.5	3869.2	3884.6	4043.3	4840.9	4351.2	2289.0
70°	2092.9	2057.7	2281.8	2657.1	3103.9	3305.0	3306.1	3375.5	4121.0	4274.1	1908.6
72.5°	914.0	970.1	1133.5	1463.9	2005.1	2490.1	2479.9	2715.8	3286.7	3631.3	1418.9
75°	401.3	414.1	483.0	658.1	911.9	1352.5	1508.3	2180.2	2473.8	2374.7	1031.9
77.5°	216.0	219.0	237.4	275.2	348.7	638.7	674.5	1381.1	1753.9	1368.9	666.8
80°	82.2	82.2	85.8	98.5	145.5	249.7	268.1	623.9	1210.1	699.5	337.0
82.5°	51.6	50.5	51.1	51.6	59.2	85.3	90.9	248.1	571.3	345.2	88.8
85°	26.0	27.1	30.1	36.3	42.9	52.6	54.1	77.6	173.6	80.7	23.0
87.5°	16.8	17.4	18.9	24.5	30.1	38.3	39.3	54.1	68.9	56.7	4.6
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2.5°	35.7	34.7	33.2	31.7	30.1	27.6	25.5	24.5	24.0	23.5	23.5
5°	35.2	33.7	30.6	28.1	25.5	22.5	19.9	18.4	17.9	17.4	17.4
7.5°	34.7	32.2	28.6	25.0	21.4	17.9	14.8	13.3	12.8	12.3	11.7
10°	34.2	31.1	26.0	22.0	17.9	13.8	10.7	8.7	8.2	7.7	7.7
12.5°	33.7	29.6	24.0	19.4	14.3	9.7	7.1	5.1	4.1	3.6	3.6
15°	33.2	28.1	22.5	16.3	10.7	6.1	3.1	1.5	0.5	0.5	0.5
17.5°	31.7	26.6	19.9	12.8	7.1	3.1	1.0	0.0	0.0	0.0	0.0
20°	30.6	25.0	17.4	9.7	4.1	1.5	0.0	0.0	0.0	0.0	0.0
22.5°	30.1	24.0	14.8	6.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0
25°	30.1	23.0	12.3	5.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	30.6	22.0	9.7	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	29.6	20.9	7.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	29.6	18.9	5.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	30.1	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	31.7	14.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	34.2	13.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	37.8	12.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.9	12.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	48.0	13.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	55.1	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	63.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	72.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	83.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	96.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	108.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	175.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	344.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	589.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	626.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	411.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	209.3	8.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	93.9	8.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	37.8	4.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.3	3.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.1	3.1	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.1	2.6	2.0	1.0	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

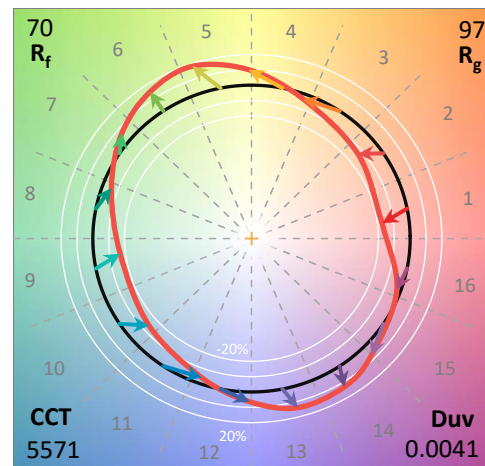
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

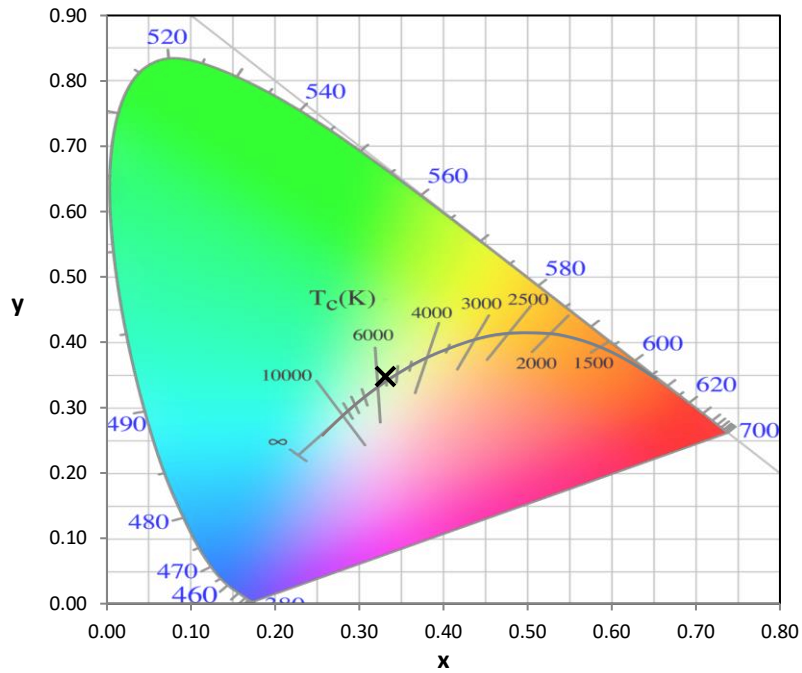
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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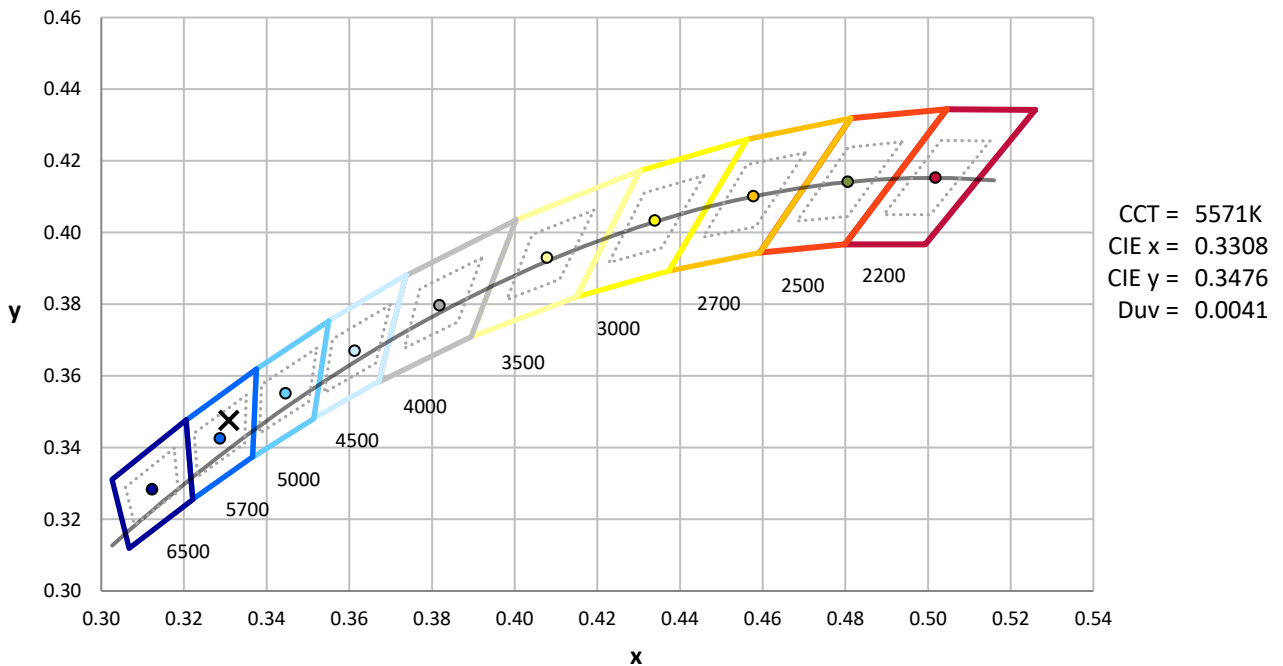
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



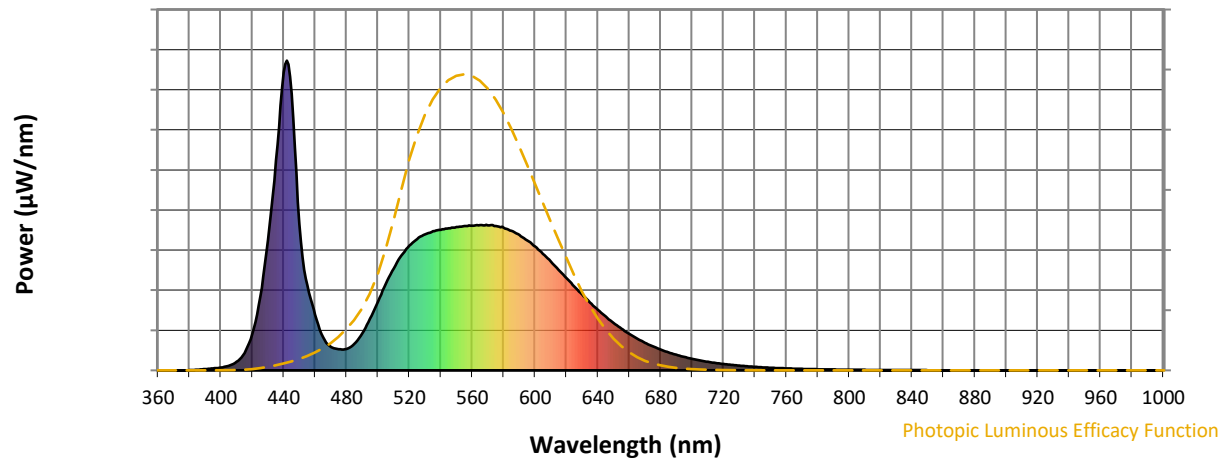
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

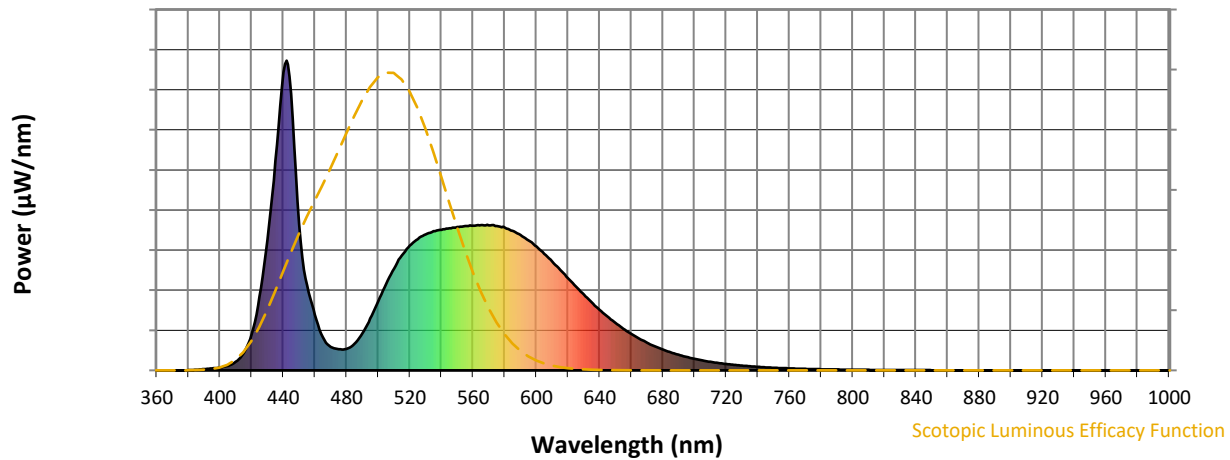


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



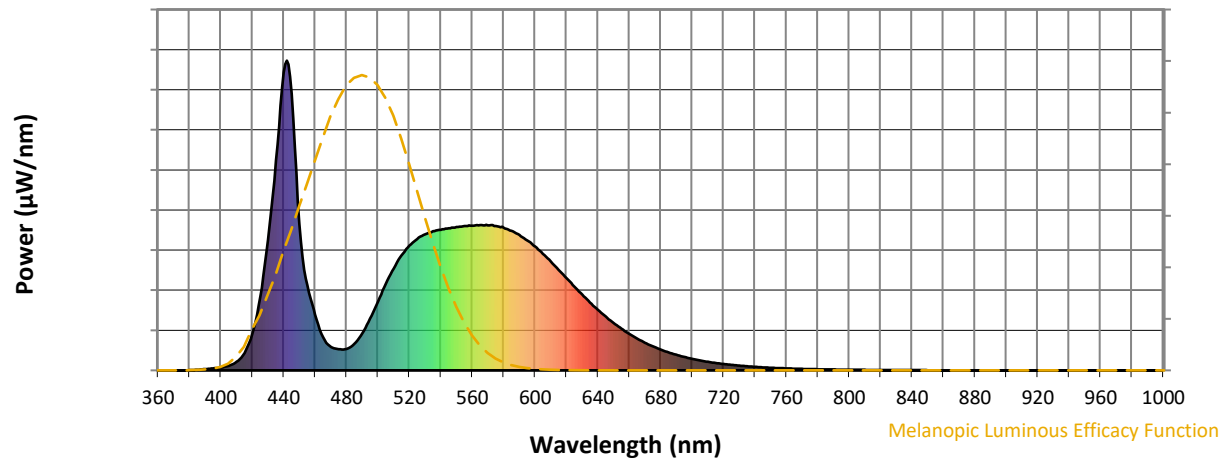
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

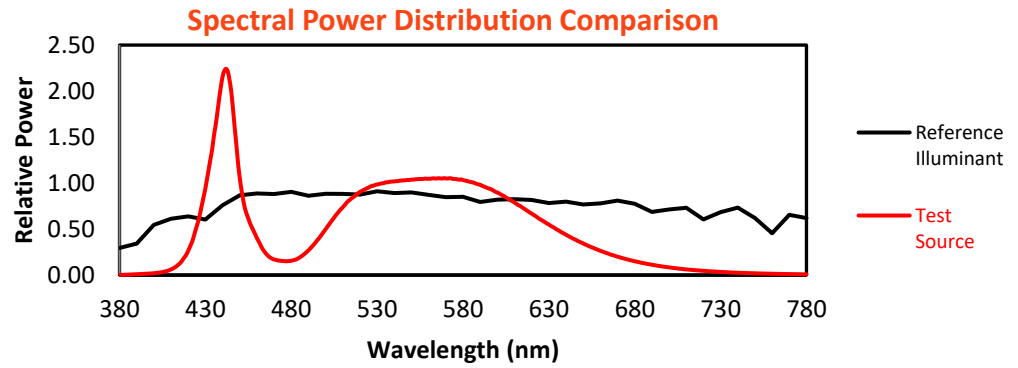
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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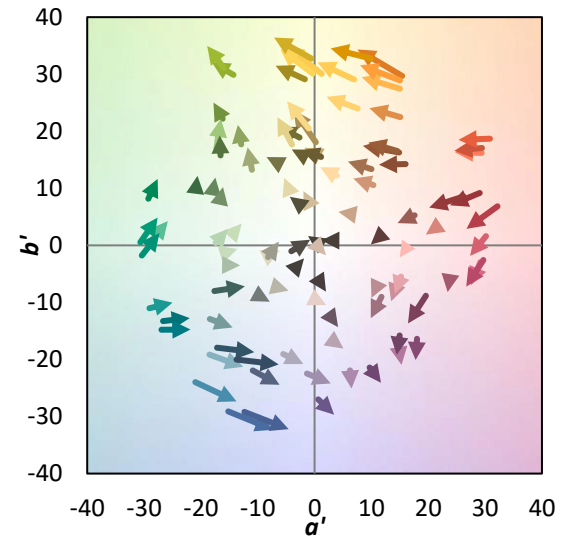
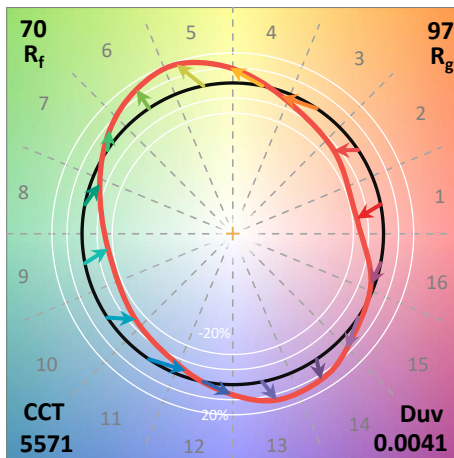
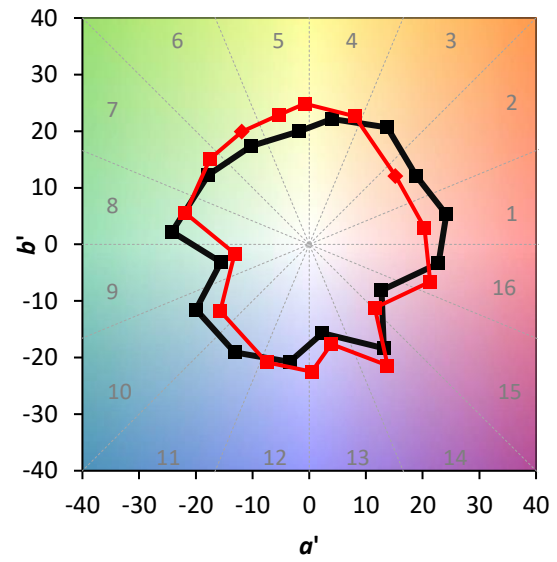
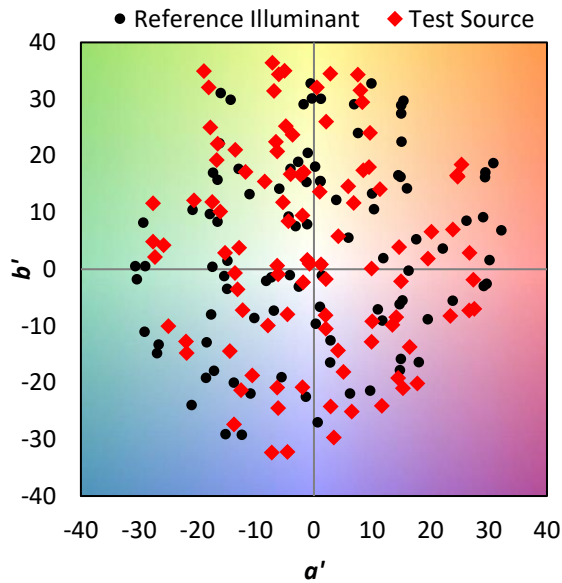
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

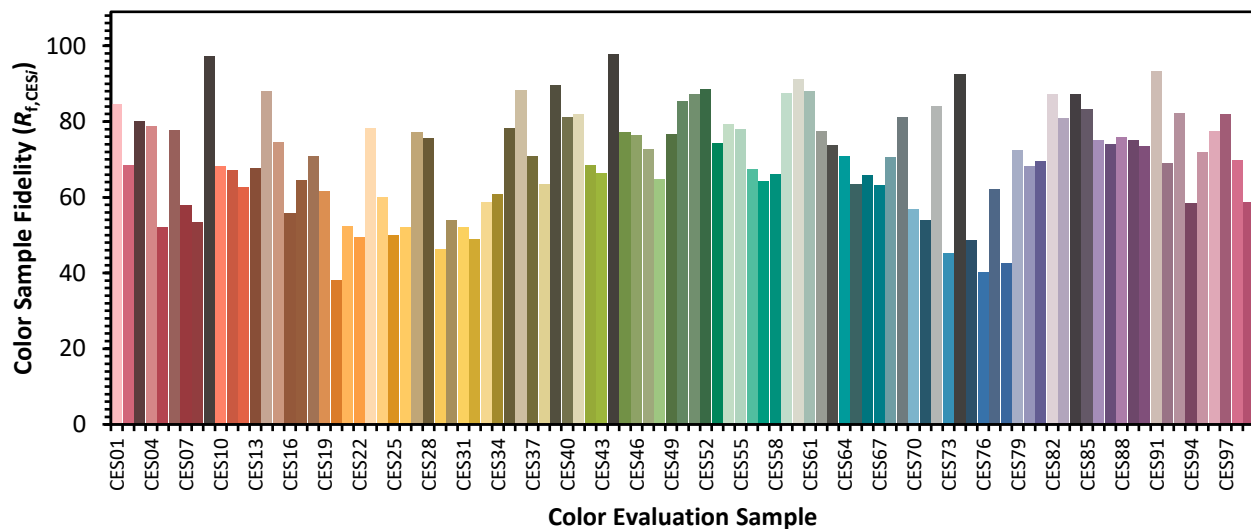


Color Vector Graphics

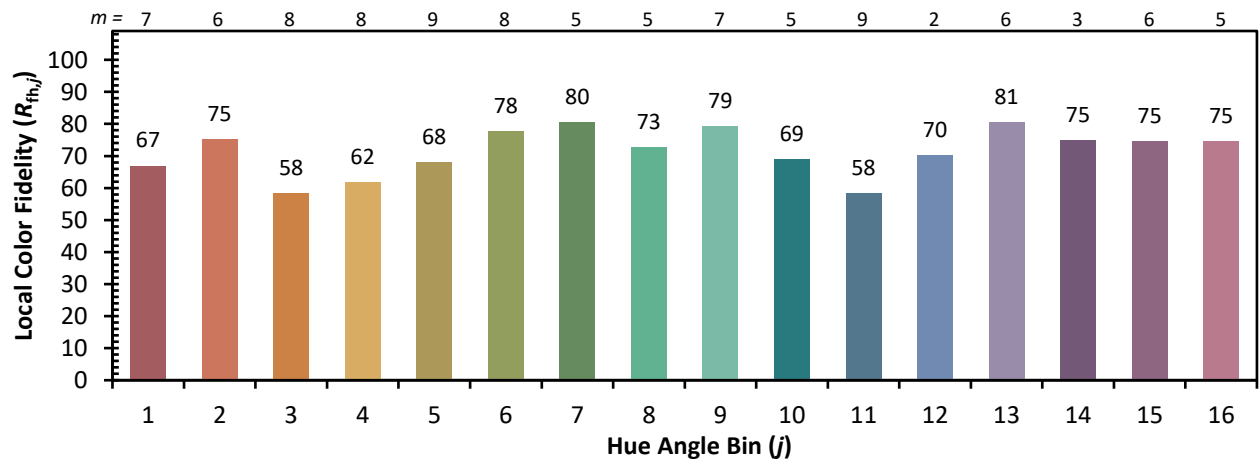
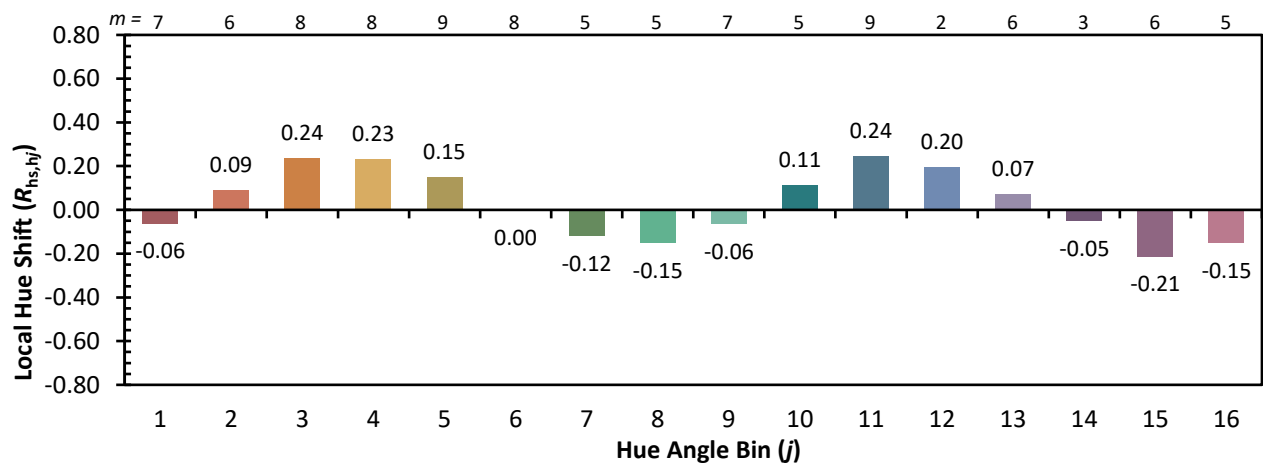
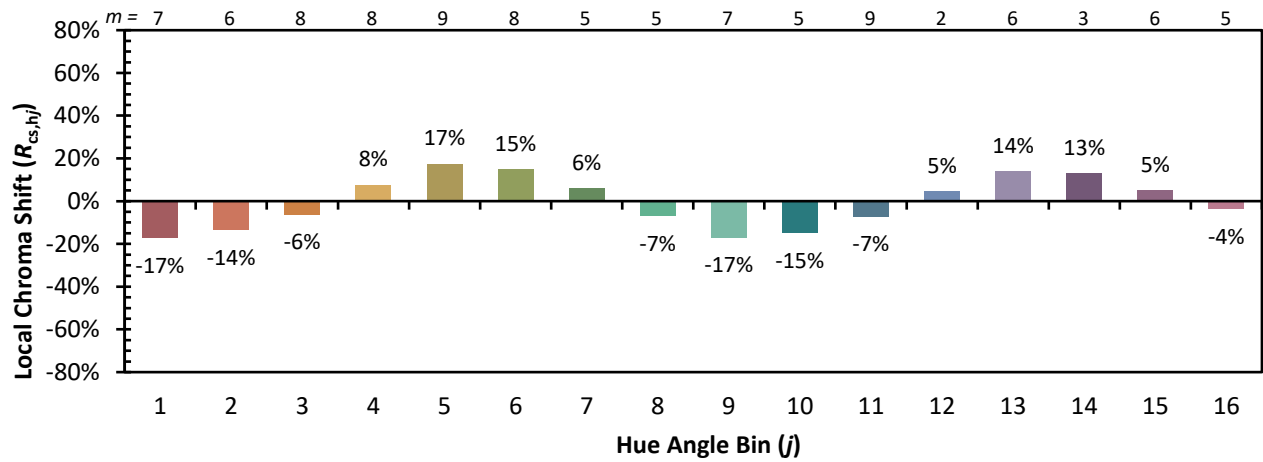


Individual Sample Fidelity Index ($R_{f,i}$)

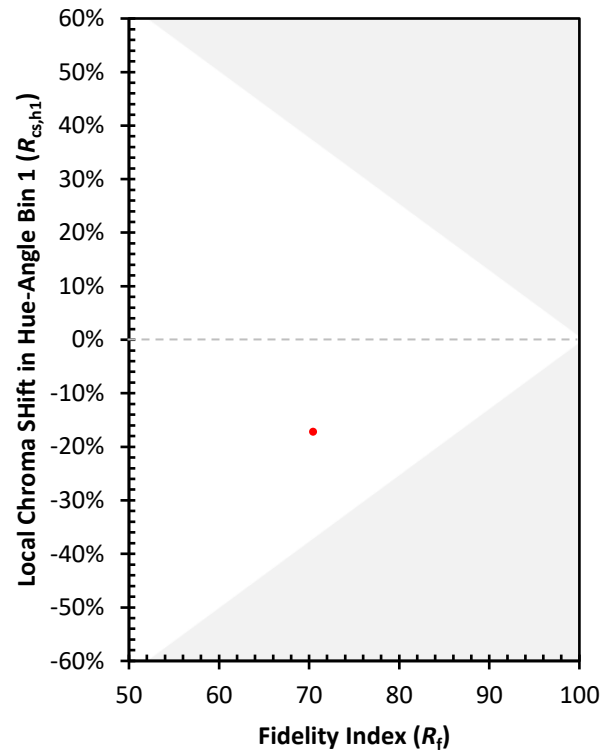
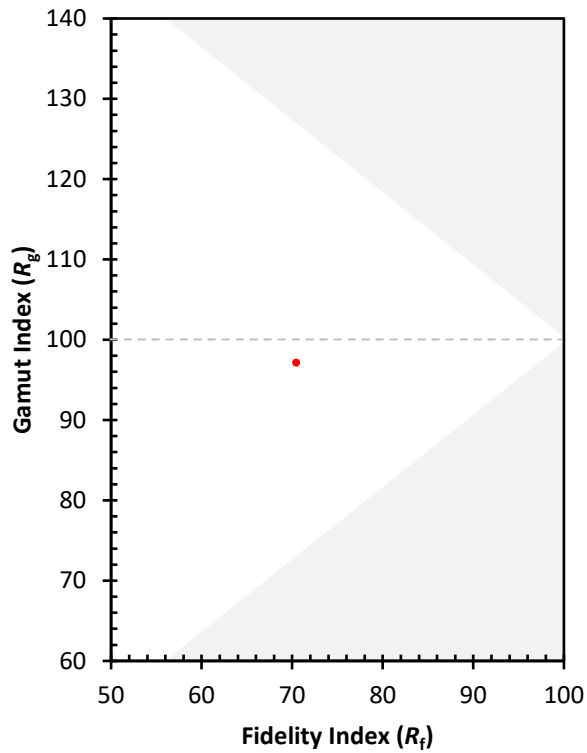
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)