

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: P991189

Luminaire Tested: **GPC-SA2C-740-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991189
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2C-740-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 70CRI
4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10892.7 lumens
Efficiency: N/A
Efficacy: 114.8 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

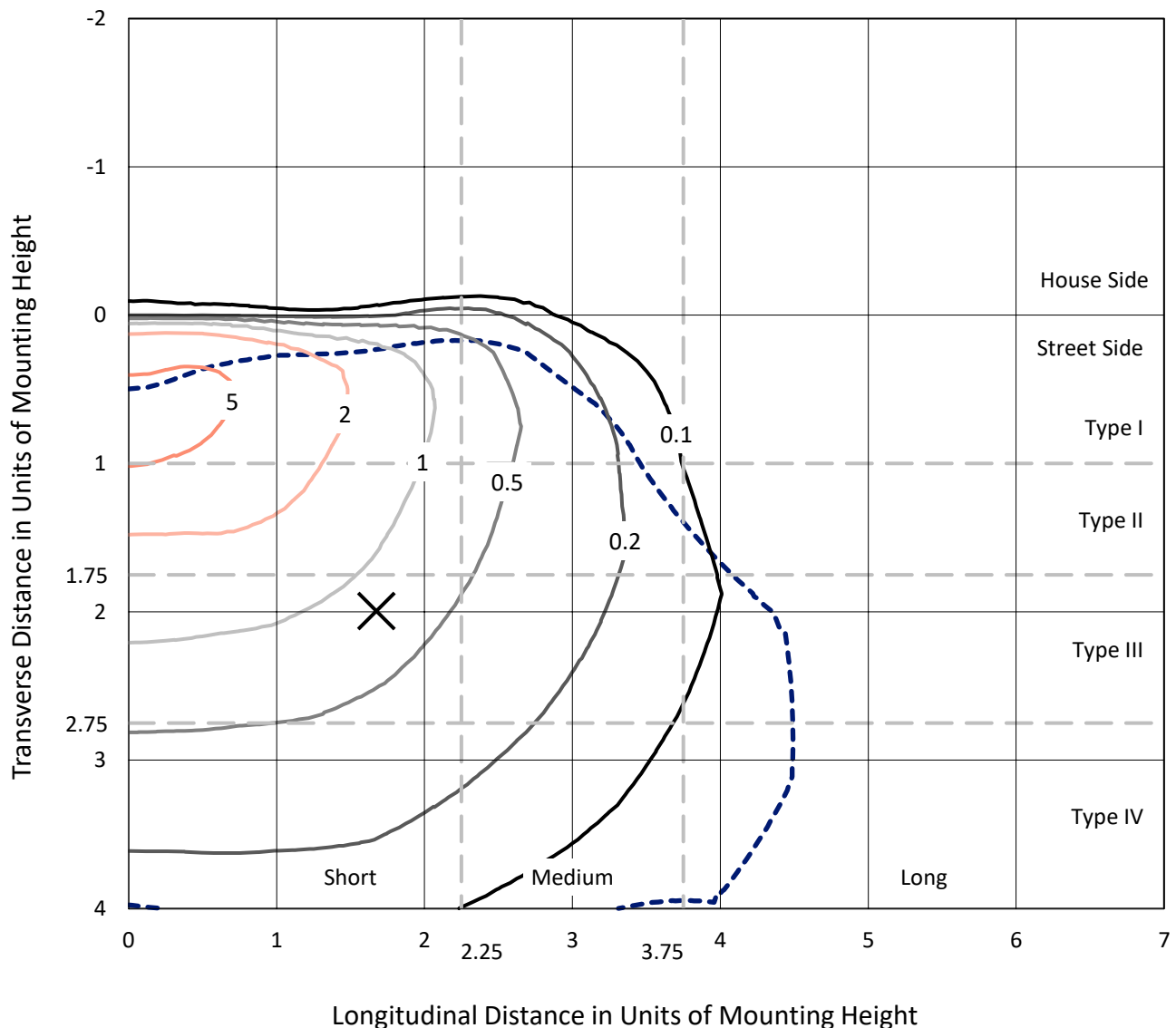


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Iso-Footcandle Lines of Horizontal Illumination

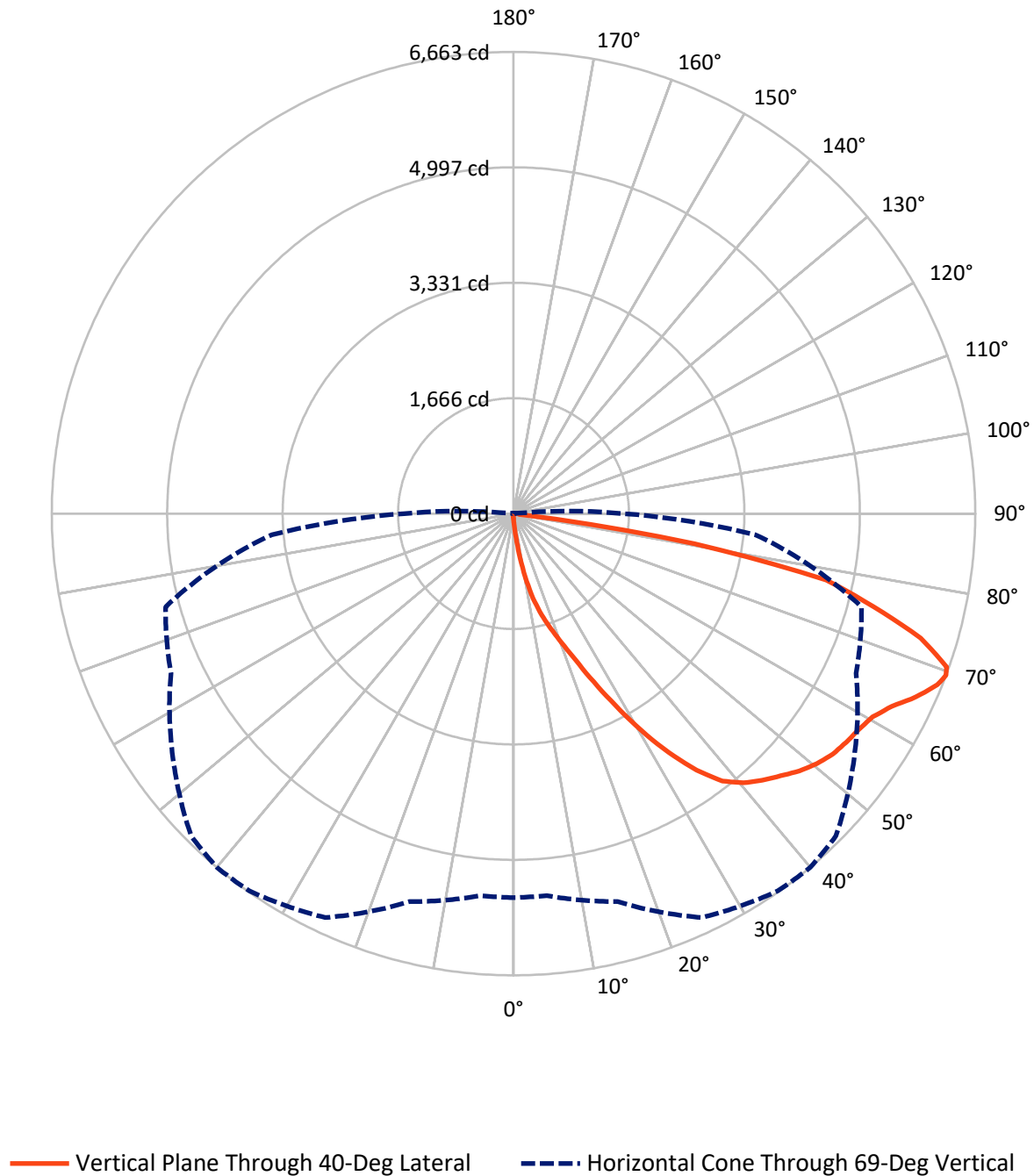
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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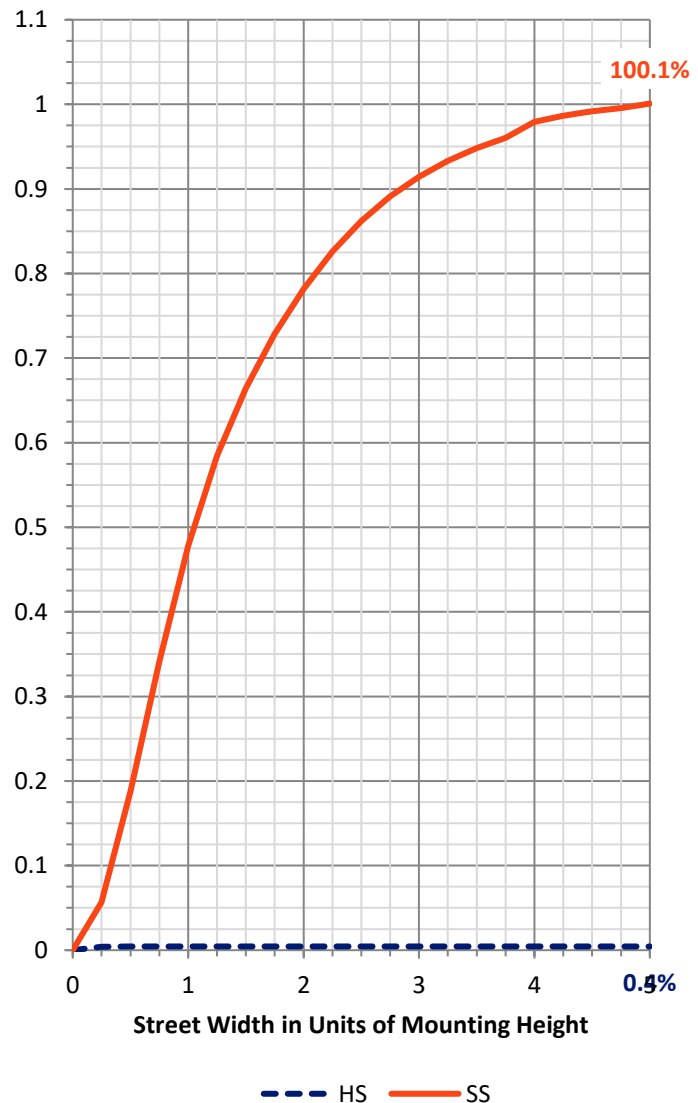
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.7	0.0	47.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10844.9	0.0	10844.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10892.7	0.0	10892.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	0.2
10°-20°	174.0	1.6
20°-30°	523.9	4.8
30°-40°	1153.7	10.6
40°-50°	1772.8	16.3
50°-60°	2183.0	20.0
60°-70°	2756.0	25.3
70°-80°	2119.9	19.5
80°-90°	186.3	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°	10892.7	100.0
0°-180°	10892.7	100.0

Coefficient of Utilization



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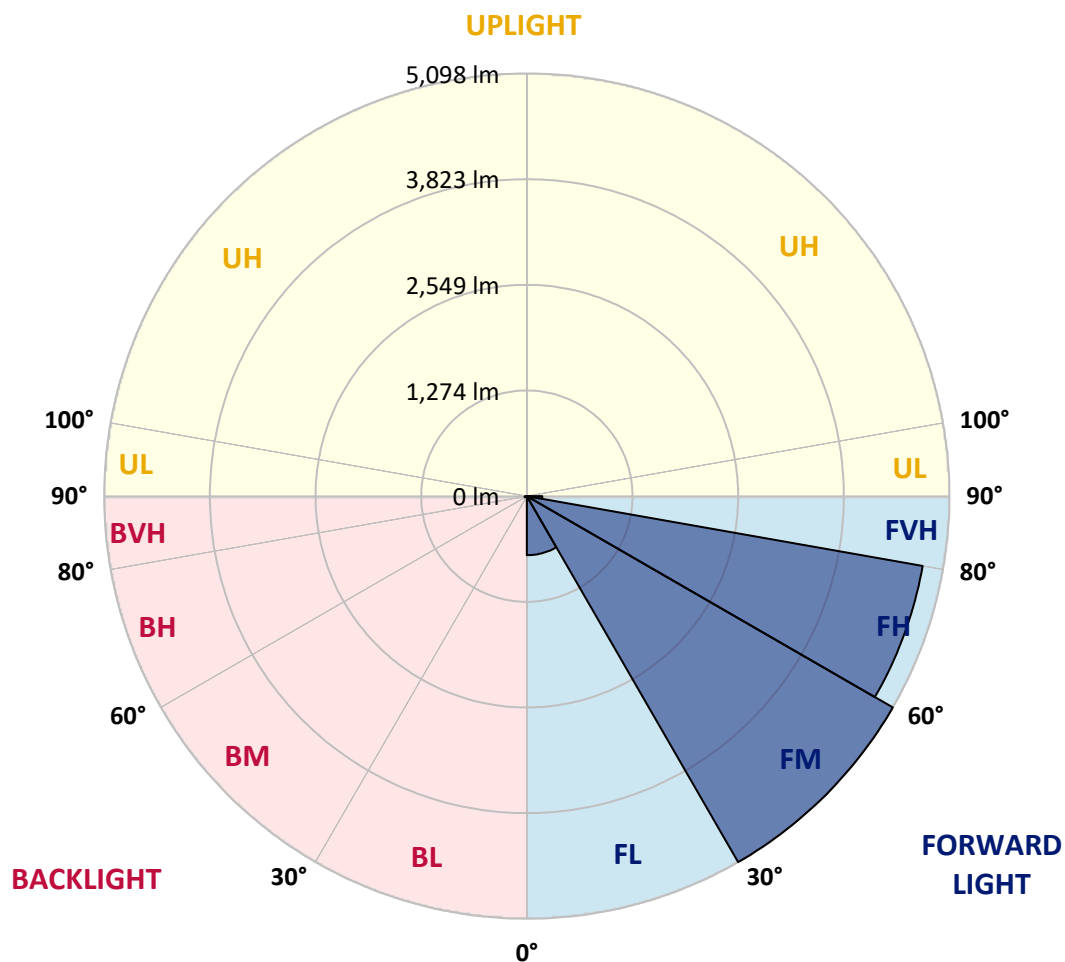
CATALOG NUMBER: GPC-SA2C-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	712.8	6.5			
FM	(30°-60°)	5097.8	46.8			
FH	(60°-80°)	4848.6	44.5			G2/5000
FVH	(80°-90°)	185.8	1.7			G2/225
BL	(0°-30°)	8.1	0.1	B0/110		
BM	(30°-60°)	11.7	0.1	B0/220		
BH	(60°-80°)	27.4	0.3	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
2.5°	177.8	175.7	167.5	157.3	149.1	143.0	134.8	122.6	110.3	96.0	85.8
5°	465.8	463.8	431.1	390.2	335.1	298.3	261.5	202.3	153.2	118.5	89.9
7.5°	862.2	856.1	825.4	762.1	645.6	582.3	514.9	361.6	235.0	147.1	96.0
10°	1254.5	1250.4	1211.6	1119.6	993.0	929.6	839.7	617.0	369.8	192.1	104.2
12.5°	1485.4	1495.6	1467.0	1424.1	1315.8	1256.5	1154.4	896.9	568.0	263.6	114.4
15°	1675.4	1679.5	1652.9	1626.3	1567.1	1518.1	1432.2	1195.2	805.0	359.6	126.7
17.5°	1910.3	1904.2	1875.6	1845.0	1779.6	1742.8	1687.6	1471.1	1058.3	496.5	143.0
20°	2208.6	2192.3	2159.6	2106.5	2035.0	1990.0	1932.8	1753.0	1311.7	647.7	163.5
22.5°	2590.7	2570.3	2535.5	2486.5	2359.8	2290.4	2216.8	1994.1	1591.6	839.7	190.0
25°	3032.0	3021.8	2985.0	2915.6	2780.7	2688.8	2570.3	2276.1	1869.5	1044.0	222.7
27.5°	3551.0	3532.6	3483.6	3401.8	3256.8	3136.2	2989.1	2586.6	2135.1	1260.6	263.6
30°	4131.2	4090.4	3990.3	3918.7	3749.2	3630.7	3459.0	2999.3	2408.9	1487.4	306.5
32.5°	4670.6	4617.5	4472.4	4374.4	4217.0	4110.8	3953.5	3416.1	2717.4	1724.4	361.6
35°	5158.9	5101.7	4866.8	4717.6	4637.9	4548.0	4388.7	3892.2	3050.4	1977.8	425.0
37.5°	5571.6	5514.4	5212.0	4977.1	4928.1	4897.4	4768.7	4294.7	3428.4	2263.8	498.5
40°	5802.5	5765.7	5504.2	5238.6	5144.6	5107.8	5013.9	4631.8	3849.3	2549.8	584.3
42.5°	5874.0	5851.6	5639.1	5508.3	5336.7	5263.1	5150.8	4889.2	4210.9	2870.6	682.4
45°	5835.2	5810.7	5655.4	5686.1	5543.0	5400.0	5246.8	5064.9	4515.3	3248.6	805.0
47.5°	5669.7	5661.5	5555.3	5729.0	5712.6	5549.2	5359.2	5181.4	4776.9	3614.3	958.2
50°	5265.2	5261.1	5310.1	5669.7	5825.0	5671.8	5481.7	5285.6	4985.3	3980.0	1154.4
52.5°	4719.7	4748.3	4995.5	5559.4	5857.7	5767.8	5604.3	5404.1	5156.9	4345.8	1417.9
55°	4431.6	4456.1	4780.9	5438.8	5851.6	5825.0	5729.0	5518.5	5314.2	4646.1	1769.4
57.5°	4650.2	4623.6	4772.8	5422.5	5825.0	5874.0	5818.9	5608.4	5457.2	4911.7	2255.6
60°	5064.9	5056.8	5075.2	5538.9	5880.2	5953.7	5914.9	5669.7	5598.2	5114.0	2790.9
62.5°	5483.8	5461.3	5479.7	5859.7	6072.2	6123.3	6076.3	5769.8	5708.5	5261.1	3371.2
65°	5692.2	5675.8	5761.7	6182.5	6346.0	6380.7	6319.4	5931.2	5726.9	5336.7	3736.9
67.5°	5665.6	5661.5	5861.8	6409.3	6574.8	6595.3	6544.2	6092.6	5649.3	5334.6	3775.7
69°	5541.0	5532.8	5796.4	6431.8	6648.4	6662.7	6578.9	6010.9	5453.1	5197.7	3499.9
70°	5393.9	5402.1	5700.4	6390.9	6650.4	6630.0	6435.9	5894.5	5304.0	5040.4	3148.5
72.5°	4846.3	4897.4	5306.0	6123.3	6370.5	6141.7	5888.3	5512.4	5020.0	4296.7	2198.4
75°	4053.6	4125.1	4652.2	5567.6	5477.7	5363.2	5332.6	5046.6	4548.0	2854.3	1563.0
77.5°	1981.8	2218.8	3301.7	4276.3	4494.9	4611.4	4568.5	4172.1	3655.2	1401.6	1019.5
80°	104.2	108.3	173.7	408.6	2082.0	2647.9	3256.8	3185.3	2766.4	639.5	537.3
82.5°	55.2	55.2	61.3	71.5	83.8	100.1	265.6	1824.5	1644.7	328.9	200.2
85°	30.6	30.6	36.8	49.0	63.3	73.6	83.8	110.3	353.5	118.5	32.7
87.5°	14.3	18.4	24.5	34.7	44.9	57.2	65.4	81.7	104.2	100.1	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
2.5°	79.7	75.6	69.5	65.4	63.3	59.3	55.2	53.1	51.1	49.0	51.1
5°	79.7	73.6	63.3	57.2	53.1	47.0	42.9	40.9	38.8	36.8	36.8
7.5°	79.7	69.5	57.2	49.0	42.9	38.8	32.7	30.6	28.6	26.6	26.6
10°	81.7	65.4	51.1	42.9	36.8	30.6	26.6	22.5	20.4	20.4	20.4
12.5°	81.7	61.3	44.9	36.8	30.6	24.5	18.4	14.3	12.3	12.3	12.3
15°	81.7	57.2	40.9	30.6	24.5	18.4	10.2	6.1	4.1	4.1	2.0
17.5°	83.8	55.2	36.8	26.6	18.4	10.2	2.0	0.0	0.0	0.0	0.0
20°	87.9	53.1	32.7	22.5	12.3	4.1	0.0	0.0	0.0	0.0	0.0
22.5°	91.9	51.1	28.6	16.3	6.1	2.0	0.0	0.0	0.0	0.0	0.0
25°	100.1	51.1	26.6	14.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	108.3	51.1	20.4	8.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	114.4	51.1	18.4	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	122.6	51.1	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	128.7	49.0	12.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	134.8	47.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	143.0	44.9	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	151.2	40.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	161.4	38.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	175.7	36.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	196.1	36.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	230.9	36.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	288.1	36.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	388.2	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	584.3	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	903.1	40.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1381.2	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1751.0	59.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1581.4	55.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1340.3	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	745.7	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	388.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	165.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	49.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.3	4.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.1	4.1	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	2.0	2.0	2.0	2.0	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

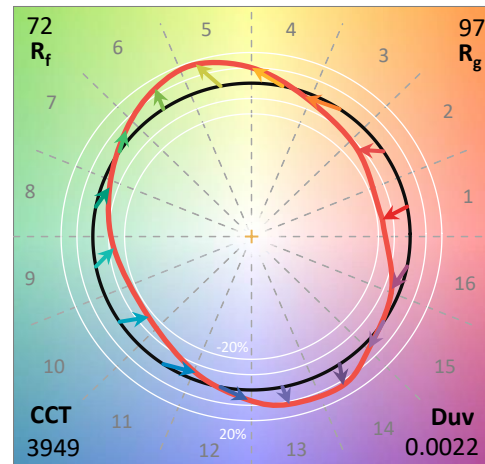
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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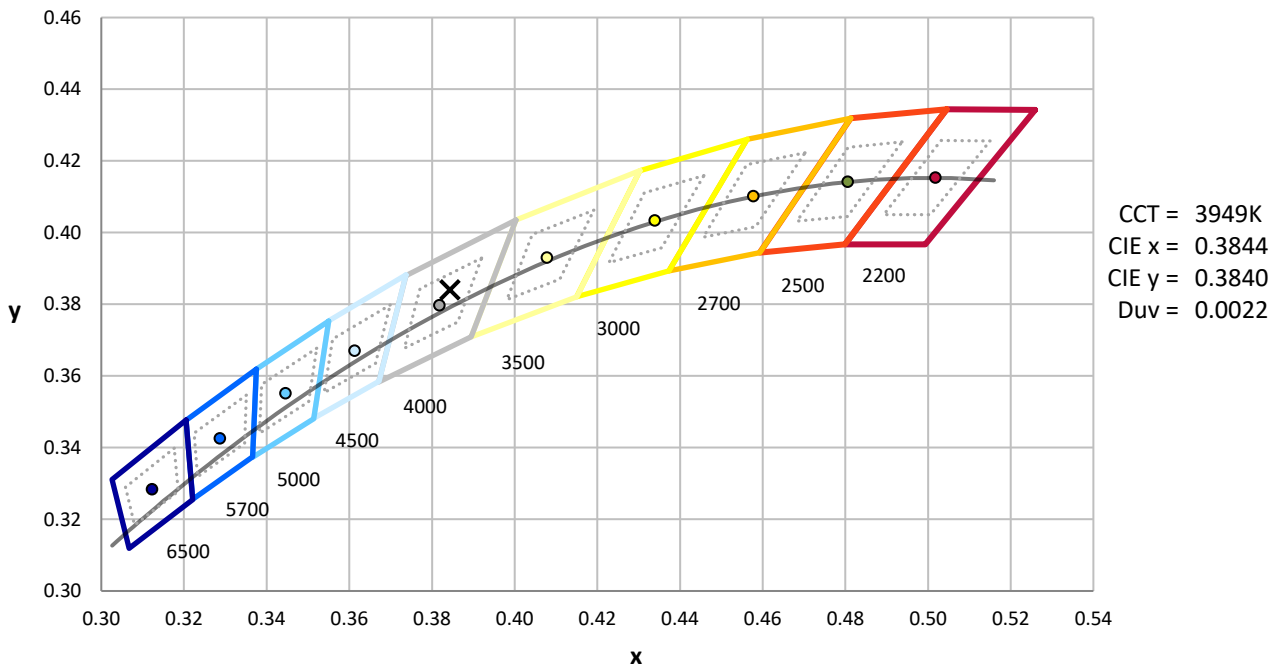
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 4000K 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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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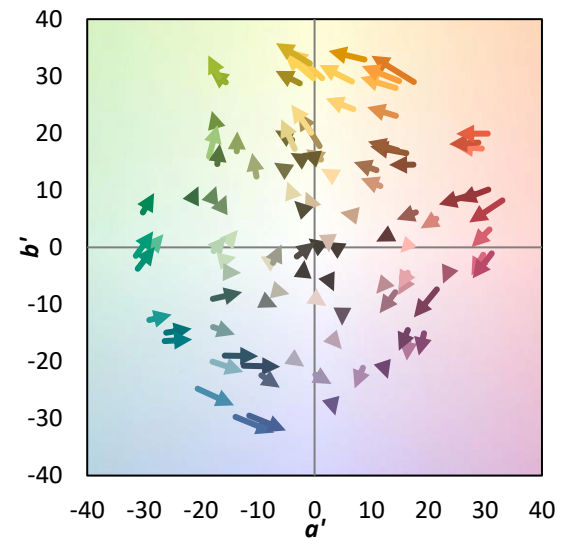
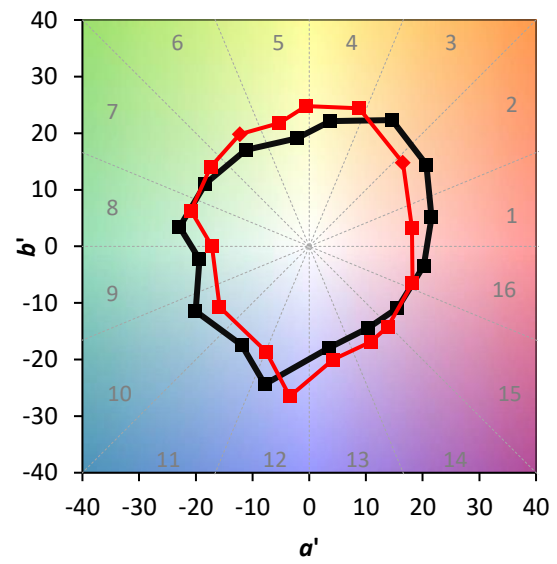
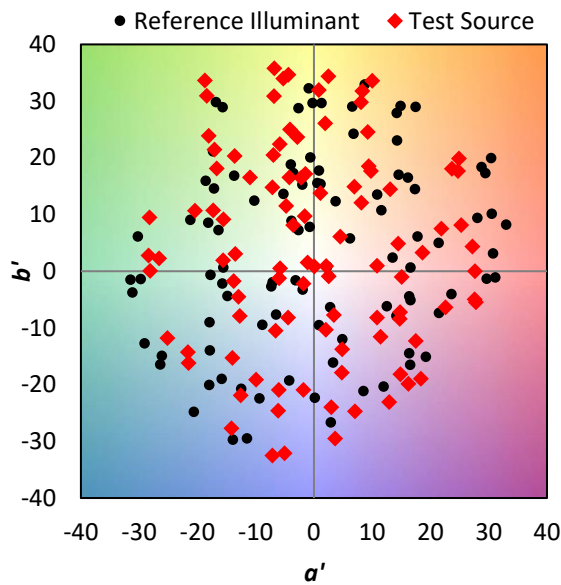
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$



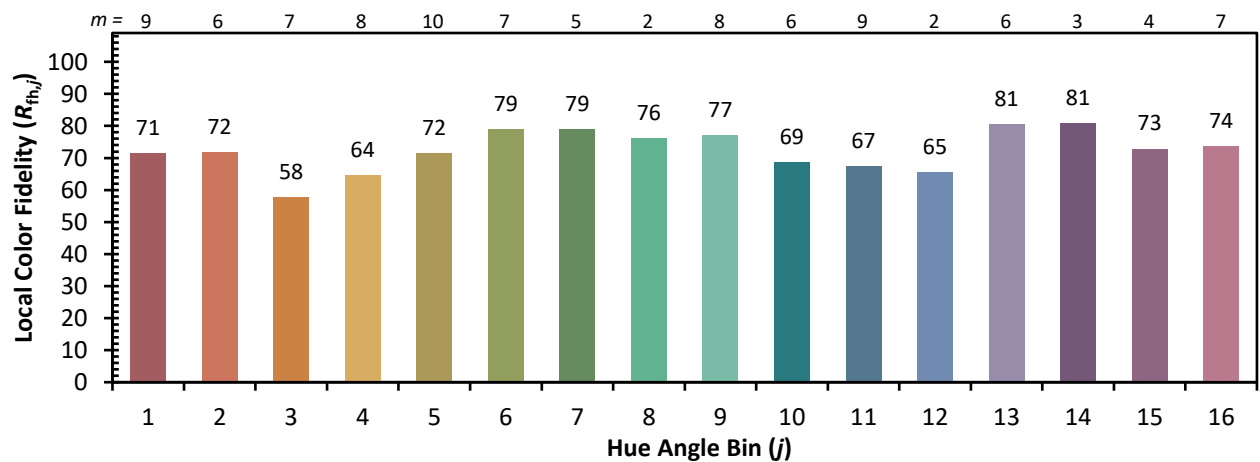
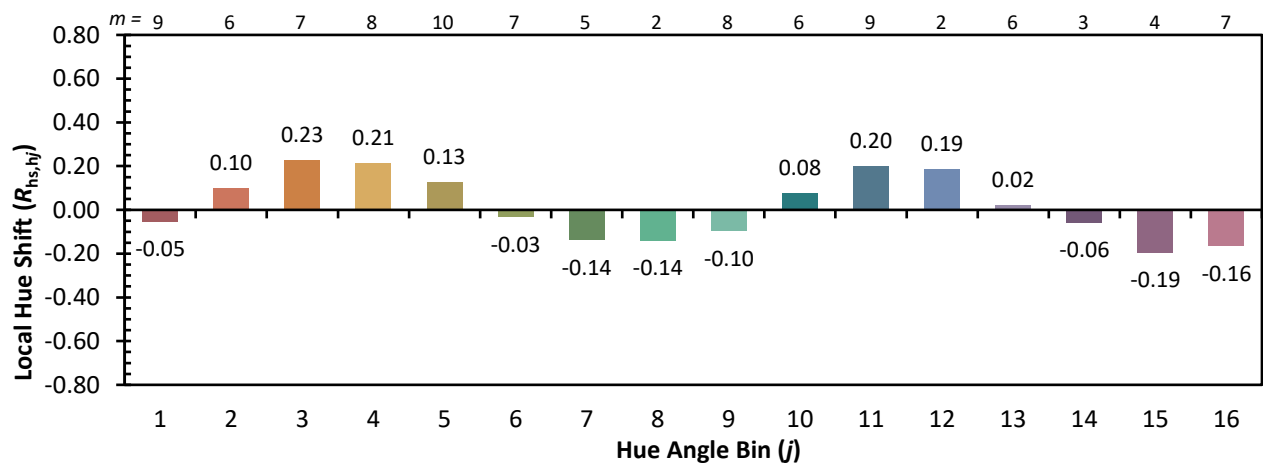
Color Vector Graphics



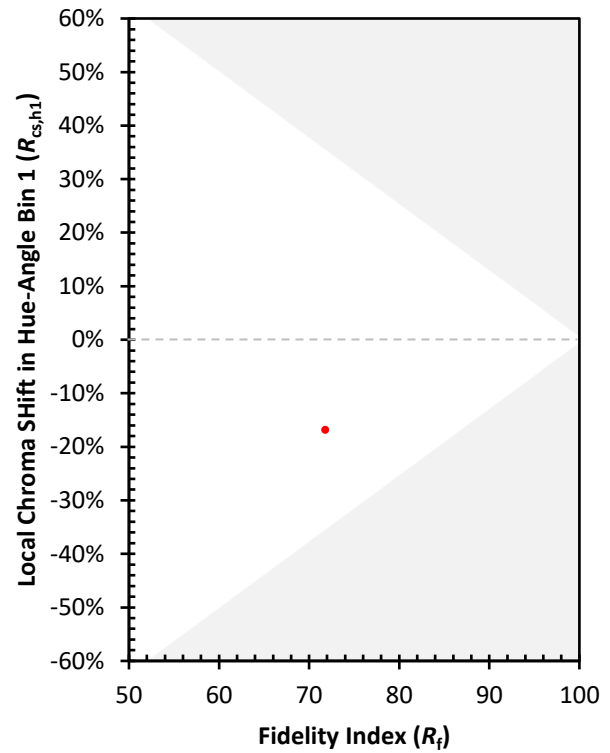
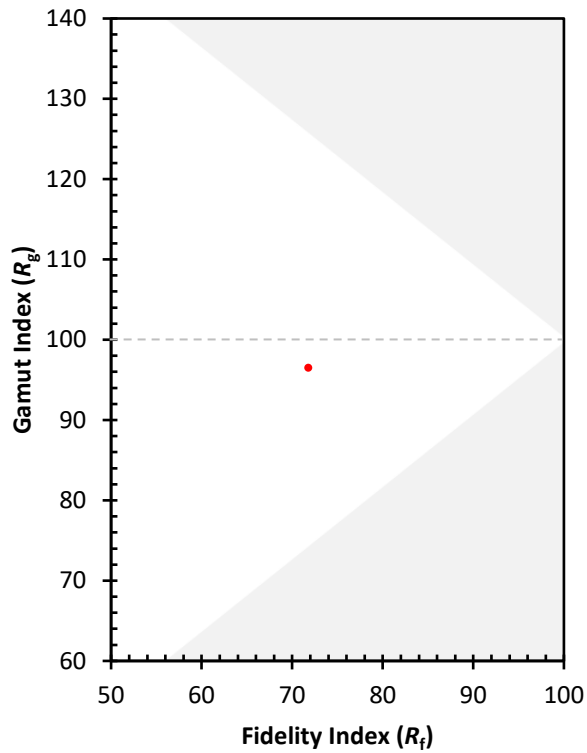
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)