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: P1361856

Luminaire Tested: **GSS-SB5B-722-U-5NQ**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1361856
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-722-U-5NQ
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 70CRI 2200K FIXTURE w/ TYPE V SQUARE NARROW DISTRIBUTION OPTIC
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23607.7 lumens
Efficiency:	N/A
Efficacy:	128.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B4 - U0 - G2

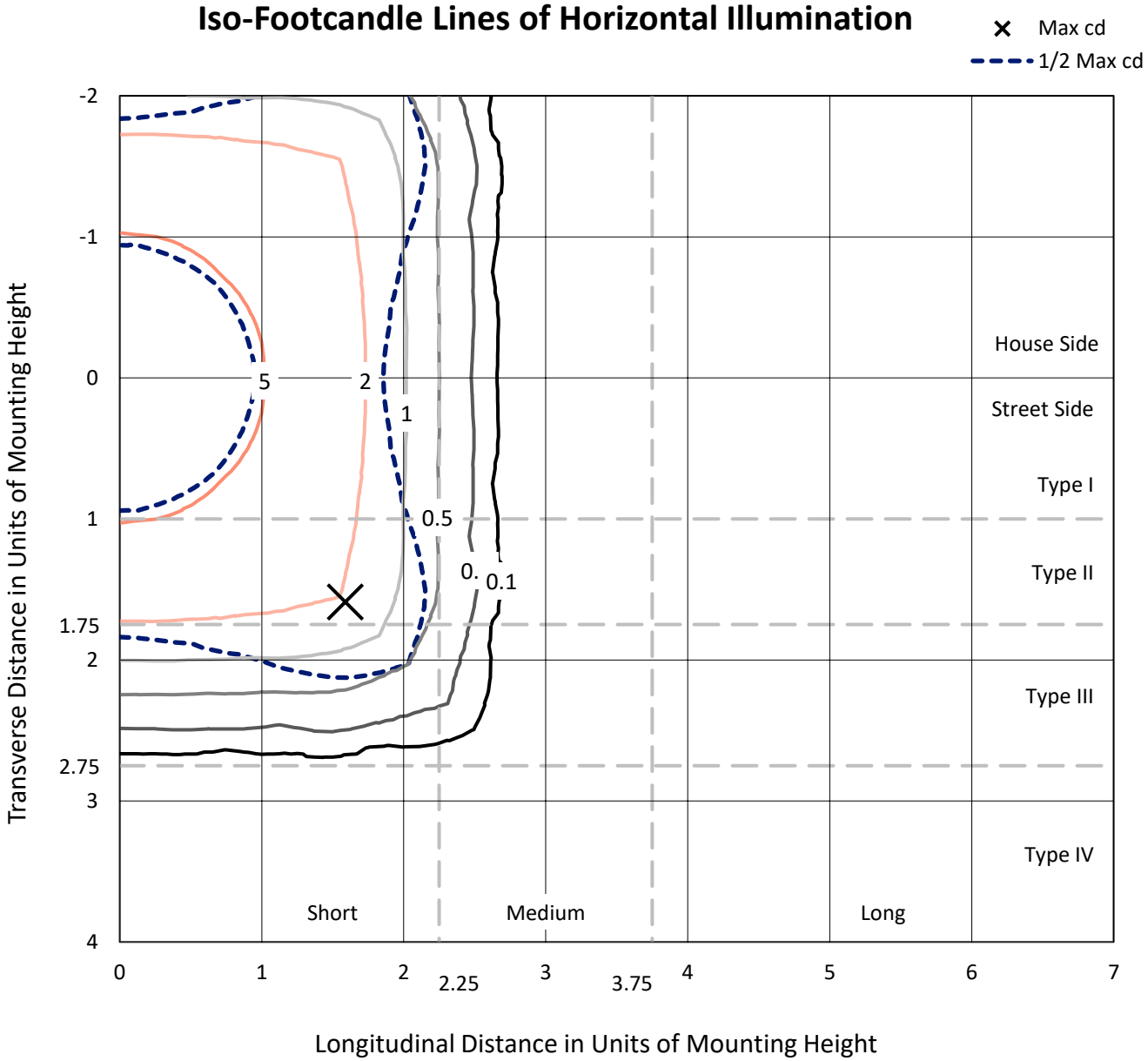
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1361856
CATALOG NUMBER: GSS-SB5B-722-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination



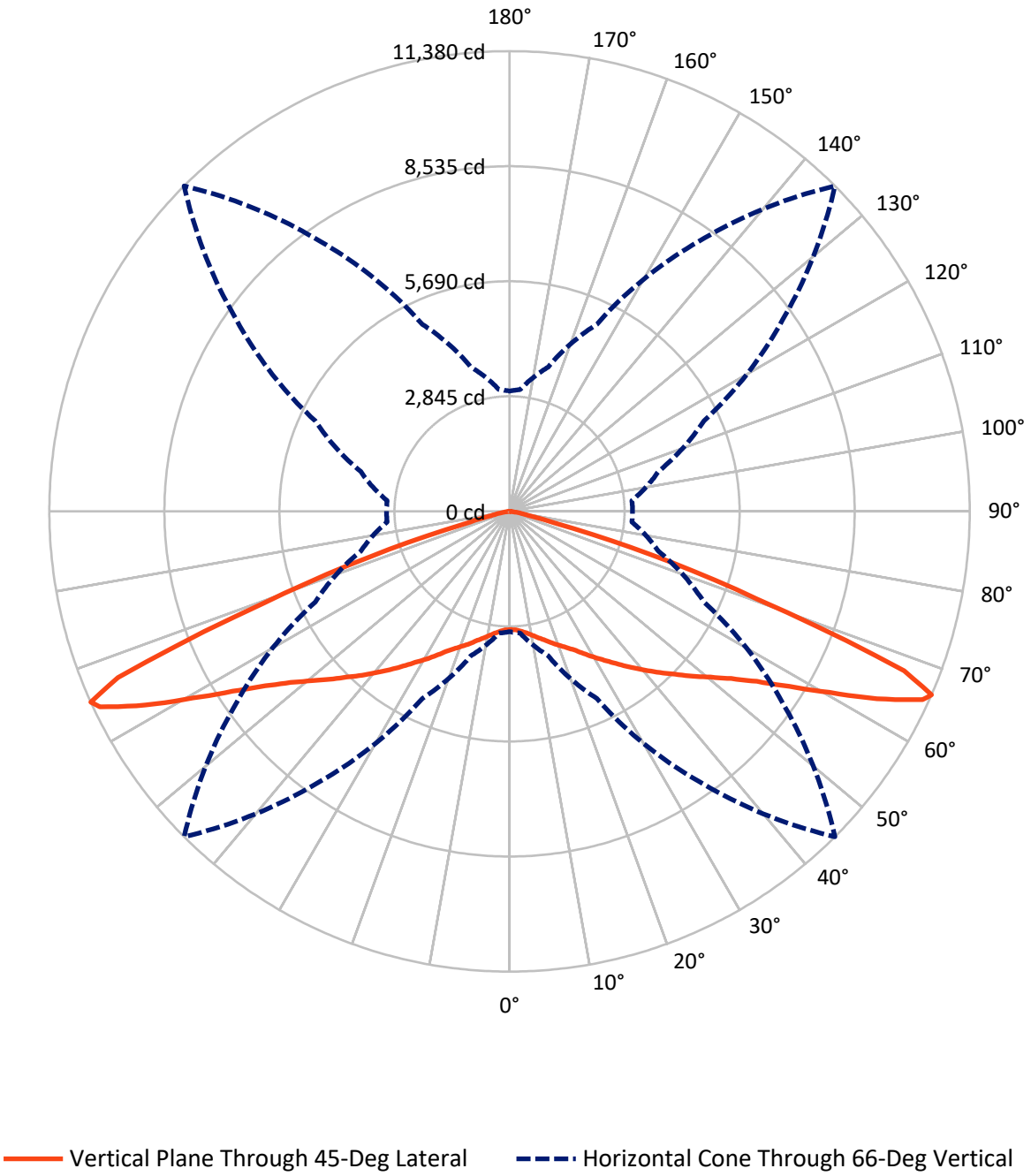
Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
Type V - Short - N/A

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REPORT NUMBER: P1361856
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Luminous Intensity Polar Plot



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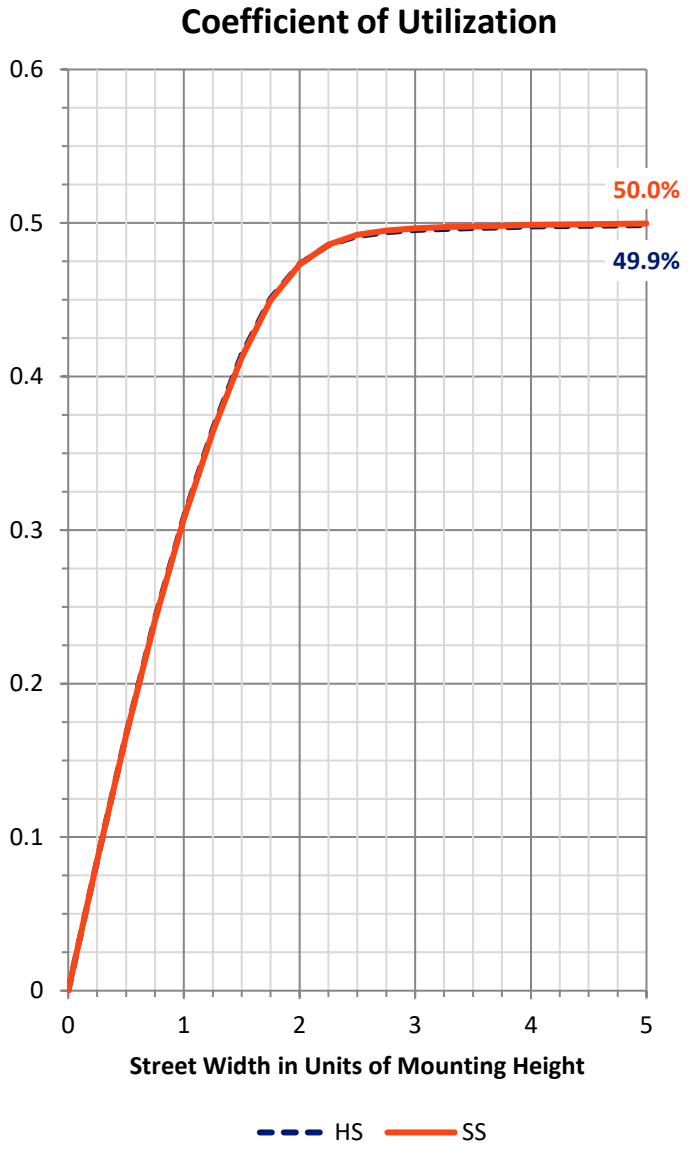
REPORT NUMBER: P1361856
CATALOG NUMBER: GSS-SB5B-722-U-5NQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11803.8	0.0	11803.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	11803.8	0.0	11803.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	23607.7	0.0	23607.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.6	1.2
10°-20°	941.4	4.0
20°-30°	1782.0	7.5
30°-40°	2925.6	12.4
40°-50°	4512.9	19.1
50°-60°	6541.0	27.7
60°-70°	5756.6	24.4
70°-80°	797.4	3.4
80°-90°	62.1	0.3
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°	23607.7	100.0
0°-180°	23607.7	100.0



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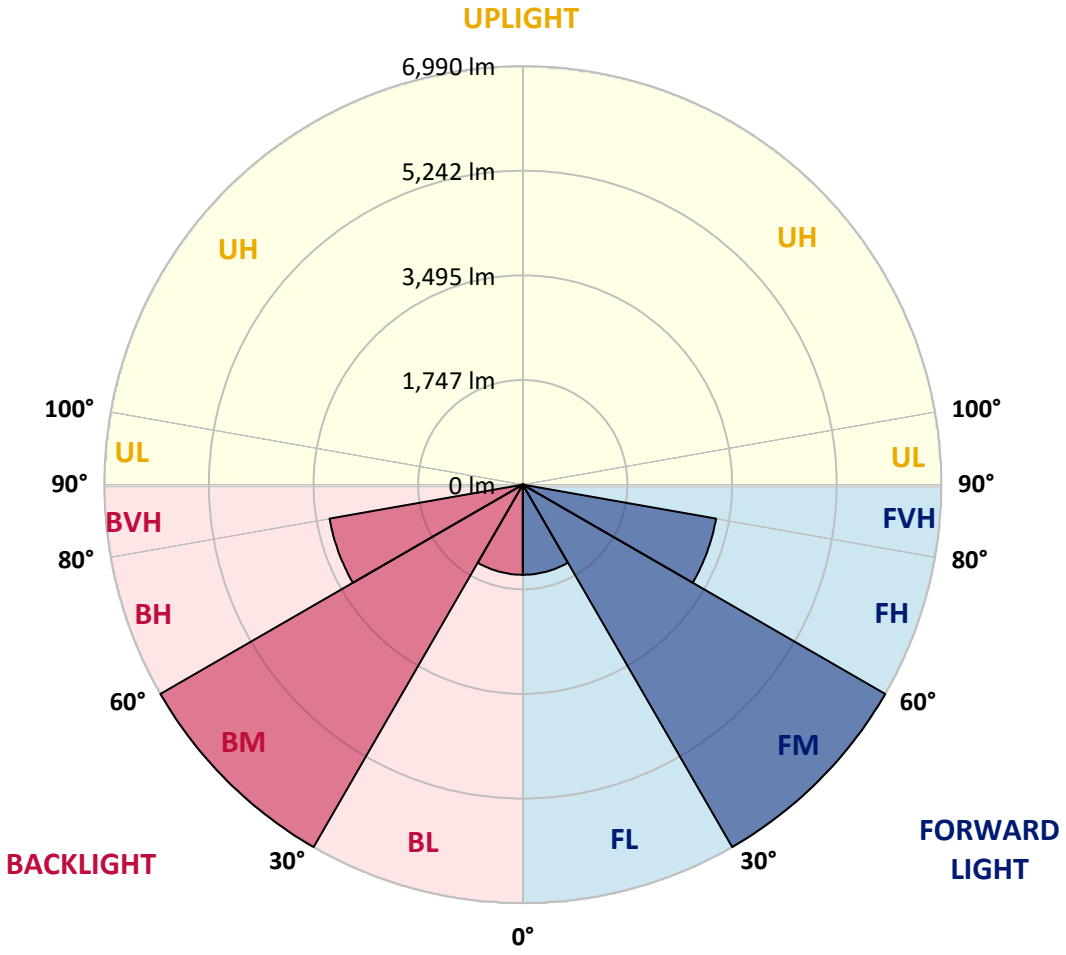
Scaled Data Report

REPORT NUMBER: P1361856
CATALOG NUMBER: GSS-SB5B-722-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1506.0	6.4			
FM	(30°-60°)	6989.7	29.6			
FH	(60°-80°)	3277.0	13.9			G2/5000
FVH	(80°-90°)	31.1	0.1			G1/100
BL	(0°-30°)	1506.0	6.4	B3/2500		
BM	(30°-60°)	6989.7	29.6	B4/8500		
BH	(60°-80°)	3277.0	13.9	B4/5000		G2/5000
BVH	(80°-90°)	31.1	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5	2922.5
2.5°	2938.3	2933.0	2922.5	2927.8	2922.5	2933.0	2948.8	2927.8	2938.3	2943.5	2938.3
5°	2975.1	2975.1	2959.3	2969.8	2969.8	2975.1	2980.3	2969.8	2980.3	2980.3	2980.3
7.5°	3043.4	3048.7	3032.9	3032.9	3038.1	3038.1	3048.7	3043.4	3043.4	3048.7	3053.9
10°	3122.2	3122.2	3106.5	3106.5	3111.7	3117.0	3122.2	3111.7	3117.0	3117.0	3117.0
12.5°	3206.3	3201.1	3185.3	3190.6	3190.6	3211.6	3211.6	3195.8	3190.6	3190.6	3190.6
15°	3290.4	3290.4	3279.9	3285.2	3301.0	3306.2	3311.5	3279.9	3279.9	3269.4	3269.4
17.5°	3406.1	3395.6	3395.6	3390.3	3411.3	3427.1	3416.6	3385.1	3390.3	3379.8	3379.8
20°	3537.5	3527.0	3511.2	3521.7	3521.7	3537.5	3532.2	3506.0	3506.0	3506.0	3506.0
22.5°	3679.4	3674.2	3658.4	3674.2	3668.9	3663.6	3668.9	3663.6	3653.1	3658.4	3663.6
25°	3831.8	3821.3	3810.8	3837.1	3821.3	3810.8	3826.6	3826.6	3816.1	3810.8	3831.8
27.5°	3989.5	3979.0	3979.0	4005.3	3979.0	4000.0	4005.3	3989.5	3984.3	3979.0	3994.8
30°	4163.0	4152.5	4163.0	4189.3	4173.5	4199.8	4199.8	4189.3	4157.7	4157.7	4168.2
32.5°	4373.2	4357.5	4373.2	4389.0	4389.0	4404.8	4410.0	4394.3	4389.0	4368.0	4394.3
35°	4609.8	4599.3	4599.3	4615.0	4615.0	4641.3	4641.3	4630.8	4620.3	4609.8	4620.3
37.5°	4893.6	4856.8	4877.9	4872.6	4877.9	4898.9	4898.9	4862.1	4883.1	4867.3	4888.4
40°	5161.7	5119.6	5172.2	5156.4	5166.9	5161.7	5172.2	5156.4	5151.2	5130.2	5151.2
42.5°	5456.0	5424.5	5471.8	5471.8	5477.1	5450.8	5466.6	5461.3	5461.3	5424.5	5435.0
45°	5797.7	5745.1	5813.5	5813.5	5797.7	5745.1	5803.0	5792.4	5803.0	5750.4	5766.2
47.5°	6128.9	6086.8	6191.9	6202.4	6160.4	6086.8	6155.1	6165.6	6160.4	6086.8	6113.1
50°	6475.8	6433.7	6559.9	6638.7	6570.4	6444.2	6533.6	6596.7	6559.9	6428.5	6439.0
52.5°	6791.1	6770.1	6954.1	7085.5	7006.7	6864.7	6990.9	7032.9	6943.6	6770.1	6775.4
55°	7027.7	7032.9	7295.8	7542.8	7542.8	7421.9	7511.3	7485.0	7264.2	7011.9	7001.4
57.5°	7064.5	7090.8	7453.4	7958.0	8194.6	8163.0	8115.7	7852.9	7400.9	7011.9	6990.9
60°	6323.3	6439.0	7080.2	8126.2	8814.8	9088.1	8741.2	7958.0	7043.4	6470.5	6417.9
62.5°	4998.7	5067.1	5755.7	7358.8	9314.2	10202.5	9151.2	7416.6	5929.1	5224.8	5151.2
65°	3674.2	3784.5	4373.2	5750.4	8772.8	11227.5	8762.3	5923.9	4504.7	3884.4	3837.1
66°	2975.1	3022.4	3695.2	5103.9	8142.0	11379.9	8236.6	5303.6	3810.8	3038.1	3043.4
67.5°	1787.1	1839.7	2475.7	4000.0	6822.7	10523.1	7174.9	4131.5	2481.0	1823.9	1676.8
70°	646.5	667.6	867.3	1624.2	4588.8	6507.3	4767.5	1613.7	825.2	662.3	641.3
72.5°	394.2	399.5	441.5	615.0	1413.9	3611.1	1371.9	620.2	441.5	378.5	378.5
75°	226.0	226.0	299.6	367.9	525.6	1145.9	509.9	373.2	304.9	268.1	257.6
77.5°	162.9	168.2	220.8	252.3	304.9	462.6	310.1	231.3	194.5	157.7	157.7
80°	115.6	120.9	147.2	178.7	210.3	262.8	168.2	147.2	141.9	99.9	99.9
82.5°	78.8	78.8	84.1	105.1	110.4	105.1	89.4	94.6	89.4	68.3	63.1
85°	31.5	31.5	36.8	42.1	42.1	36.8	42.1	47.3	42.1	31.5	31.5
87.5°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

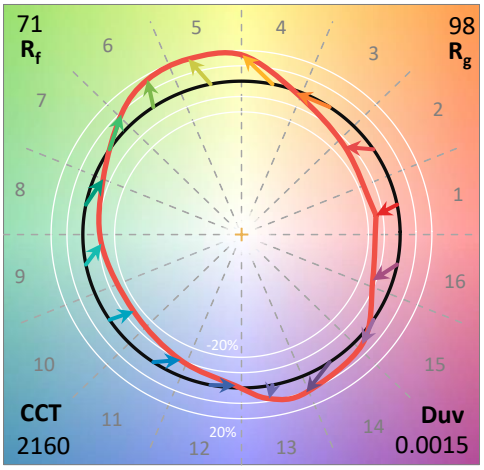
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

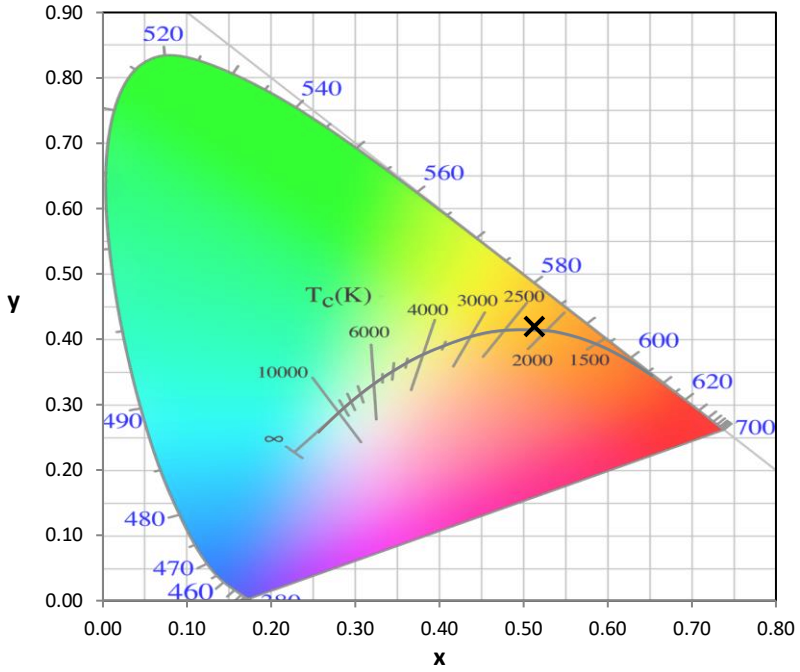
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

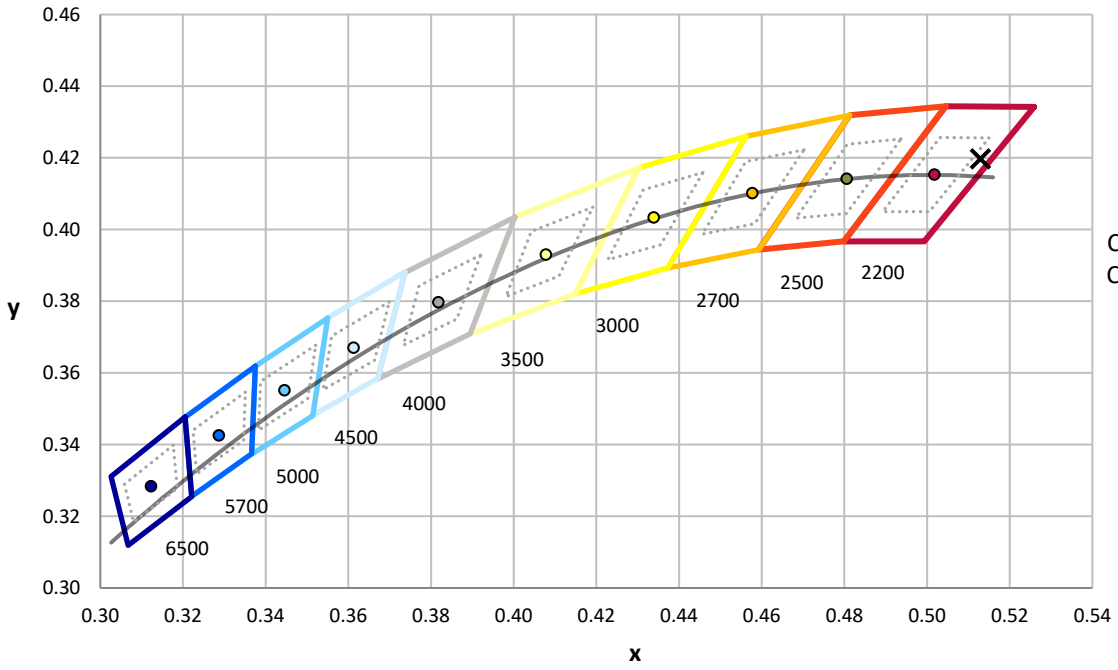
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

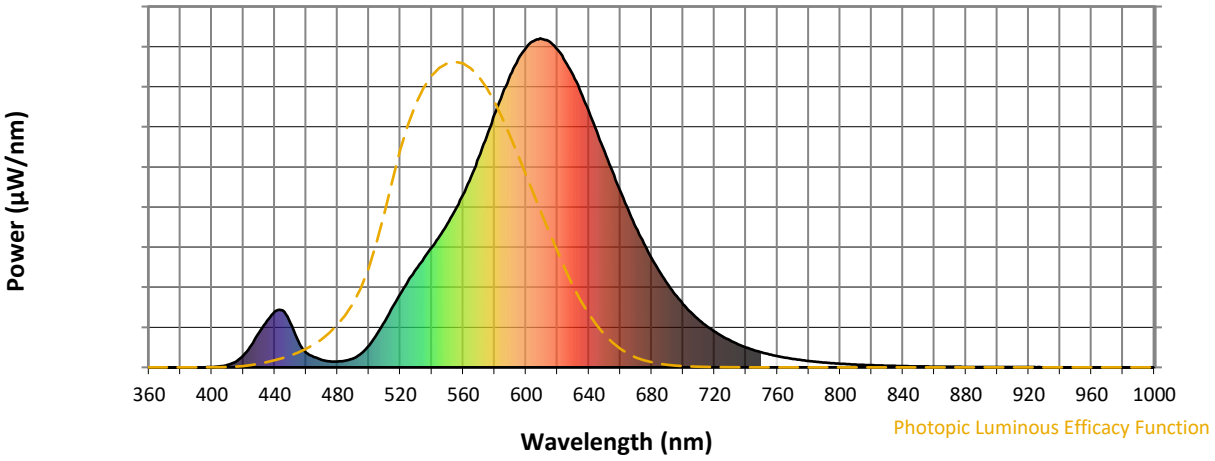


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

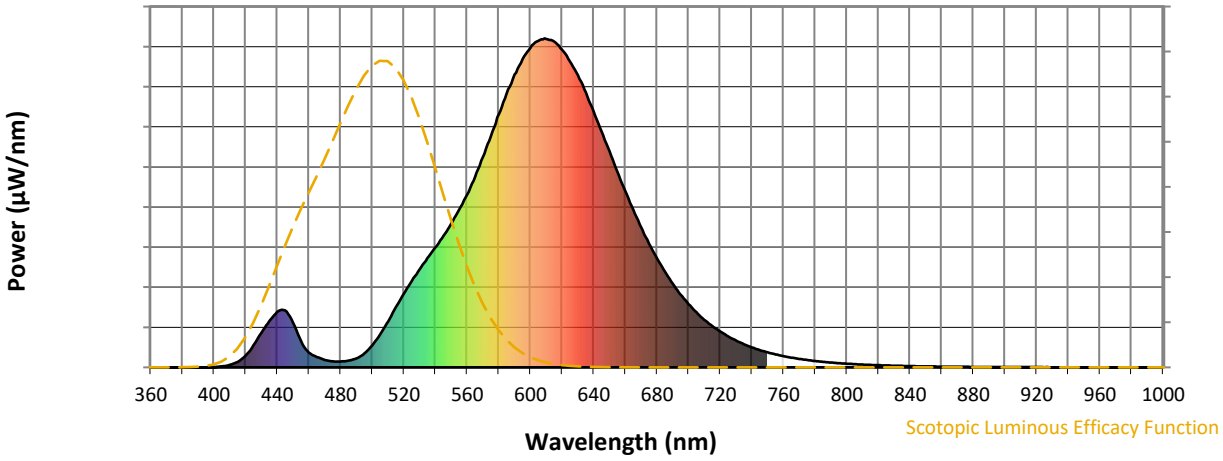


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

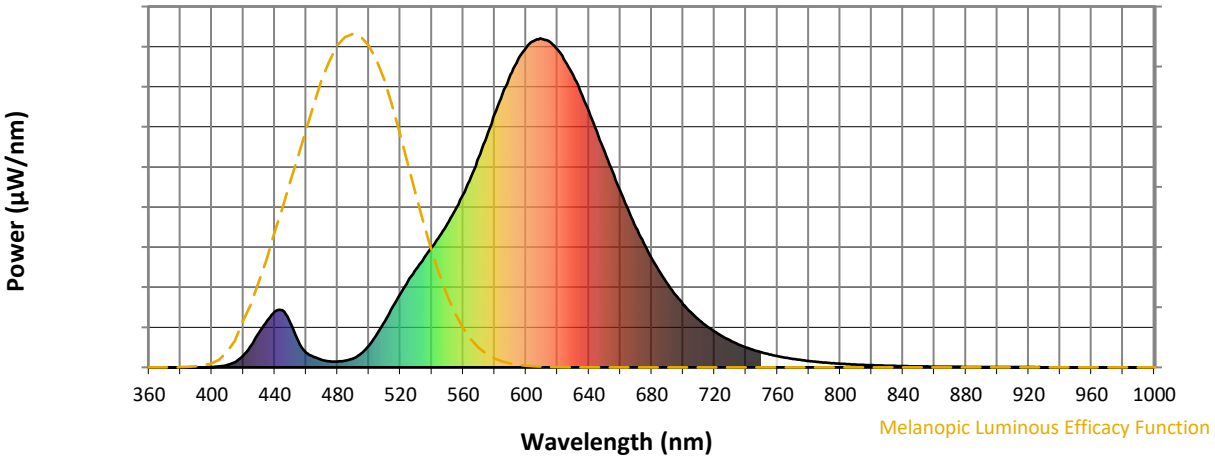


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

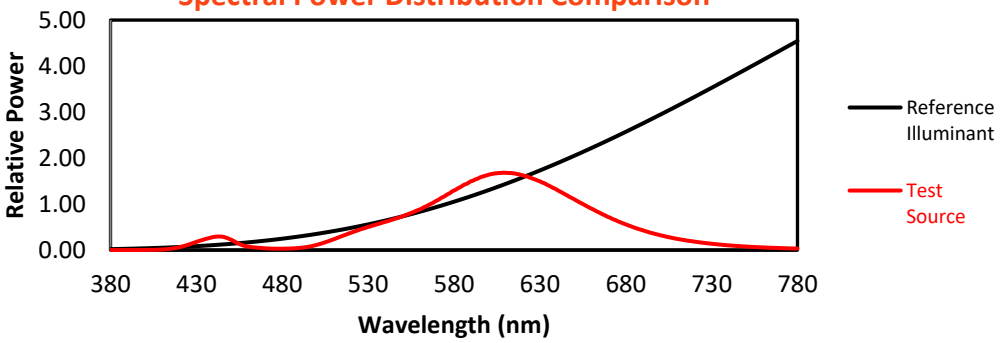
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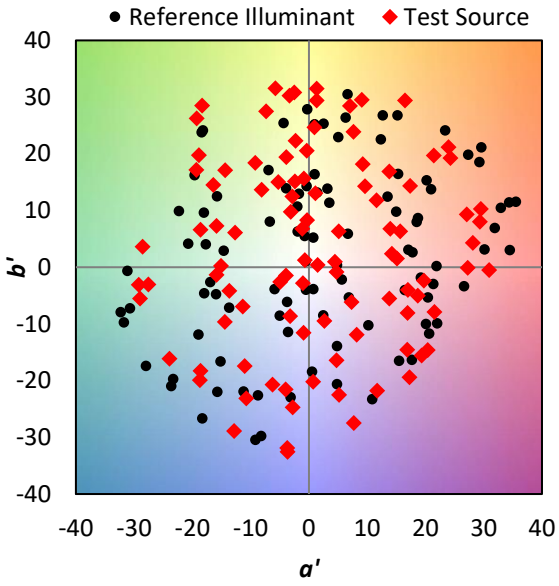
Summary

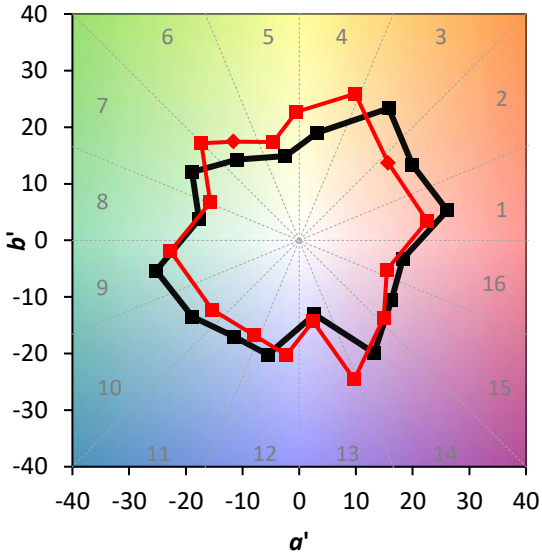
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

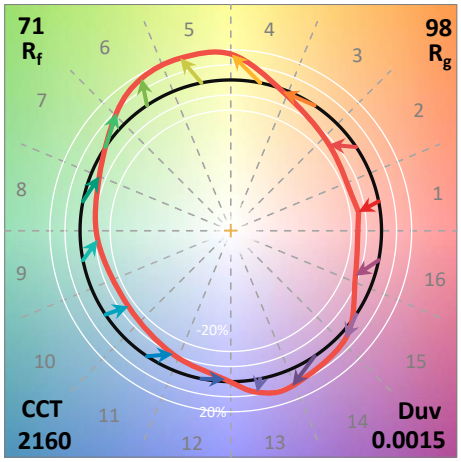
Spectral Power Distribution Comparison

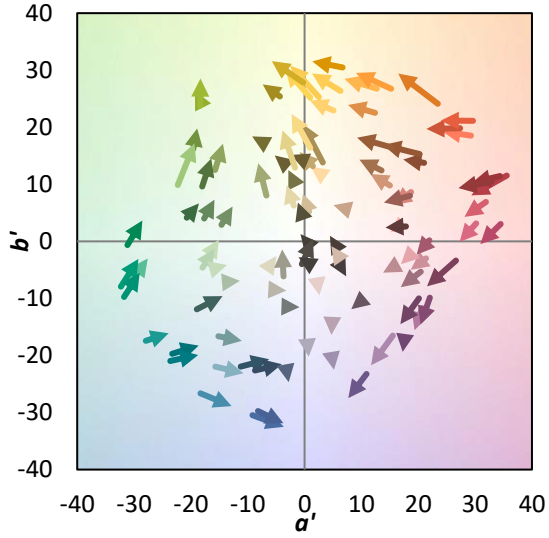


Color Vector Graphics







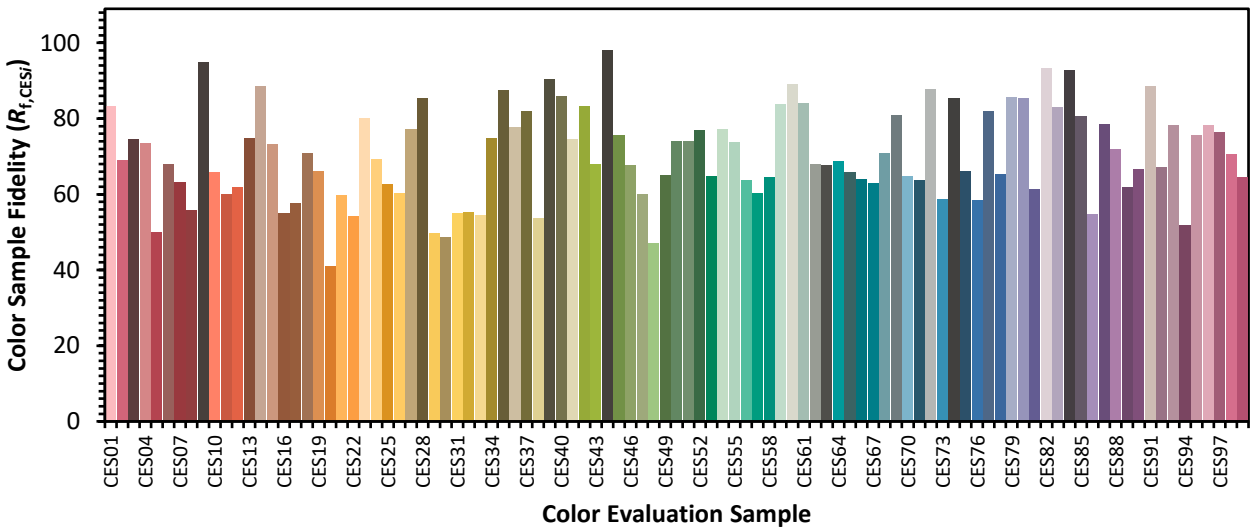


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Individual Sample Fidelity Index ($R_{f,i}$)

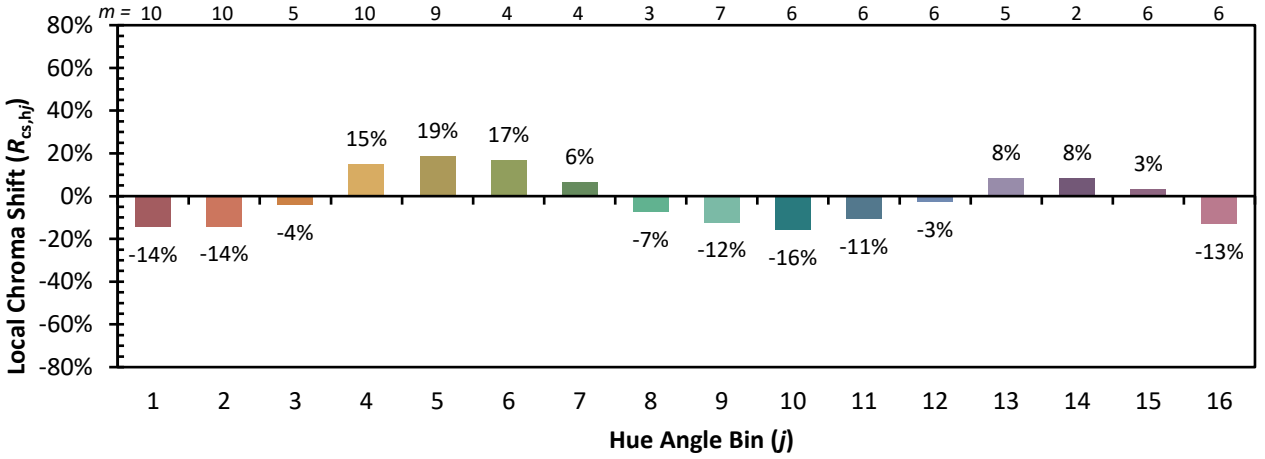
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

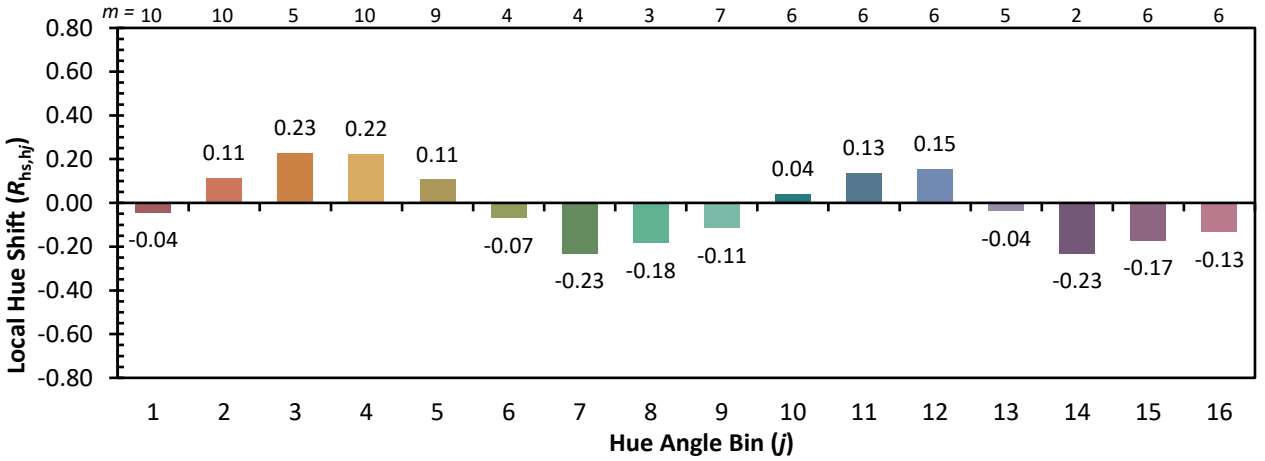


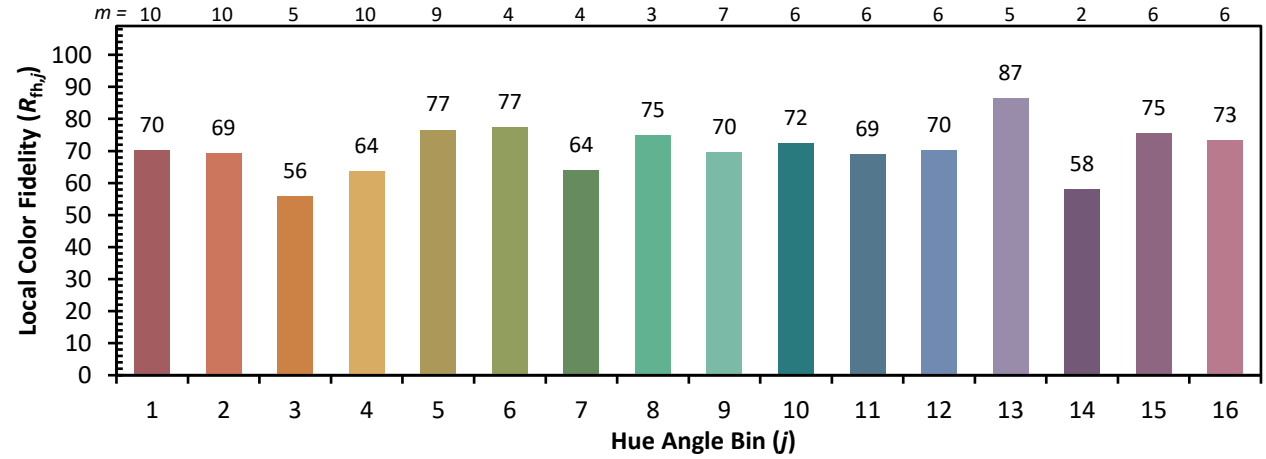
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Color Rendition by Hue-Angle Bin



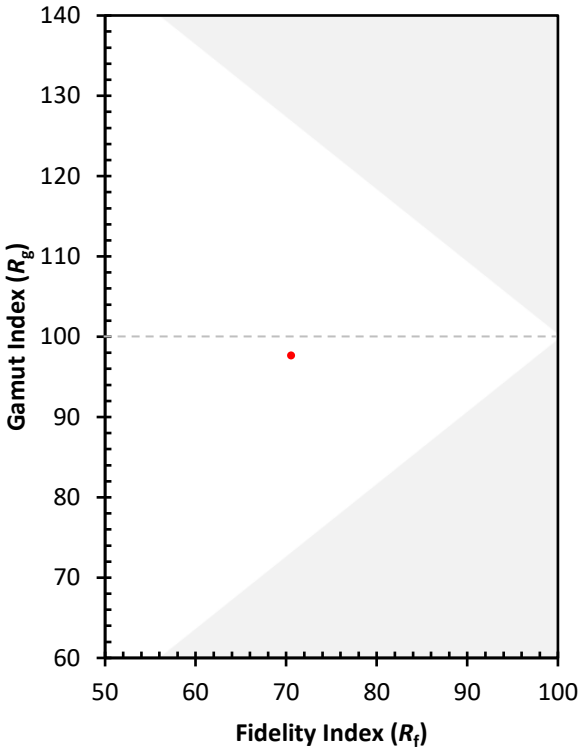


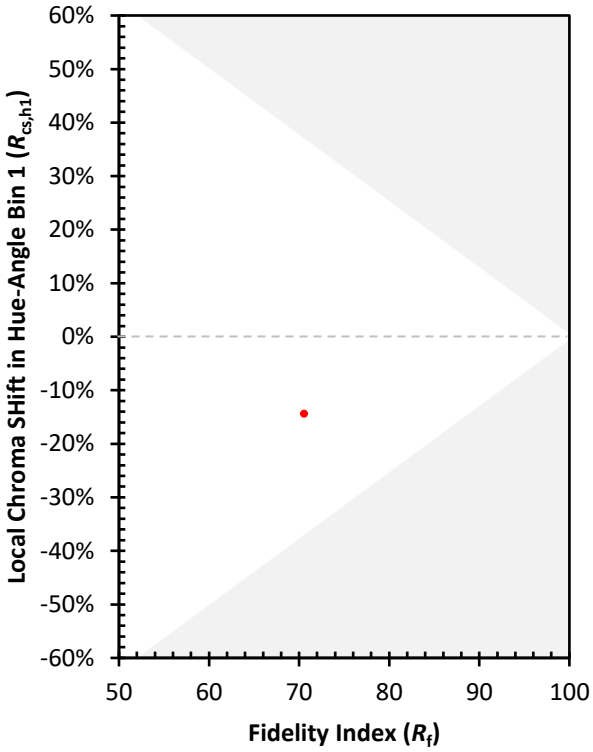


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Measure Comparisons





(END OF REPORT)