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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500957

Luminaire Tested: GSS-SB5A-740-U-T3LG

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500957
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-740-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23507.5 lumens
Efficiency:	N/A
Efficacy:	164.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

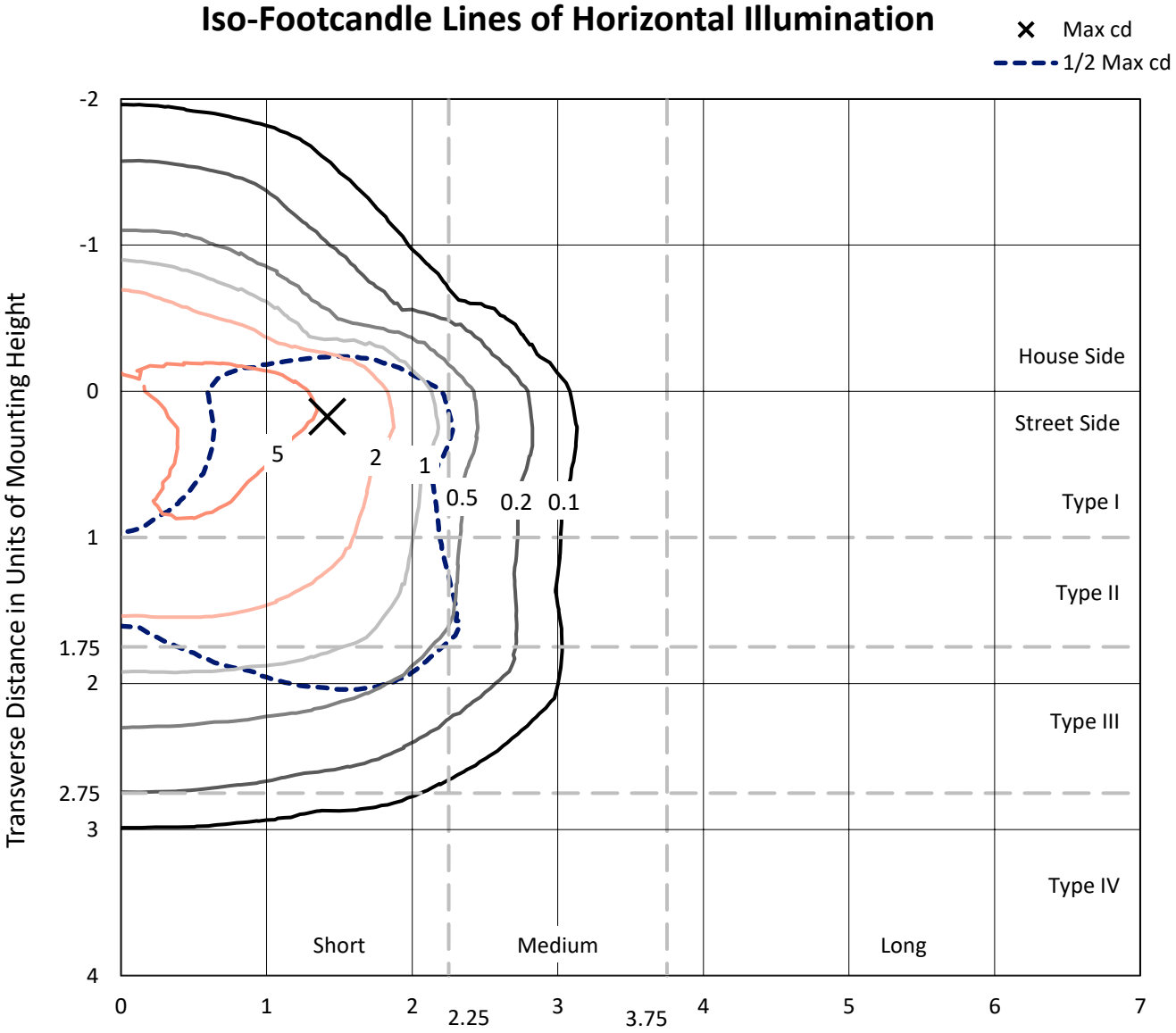
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500957
CATALOG NUMBER: GSS-SB5A-740-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



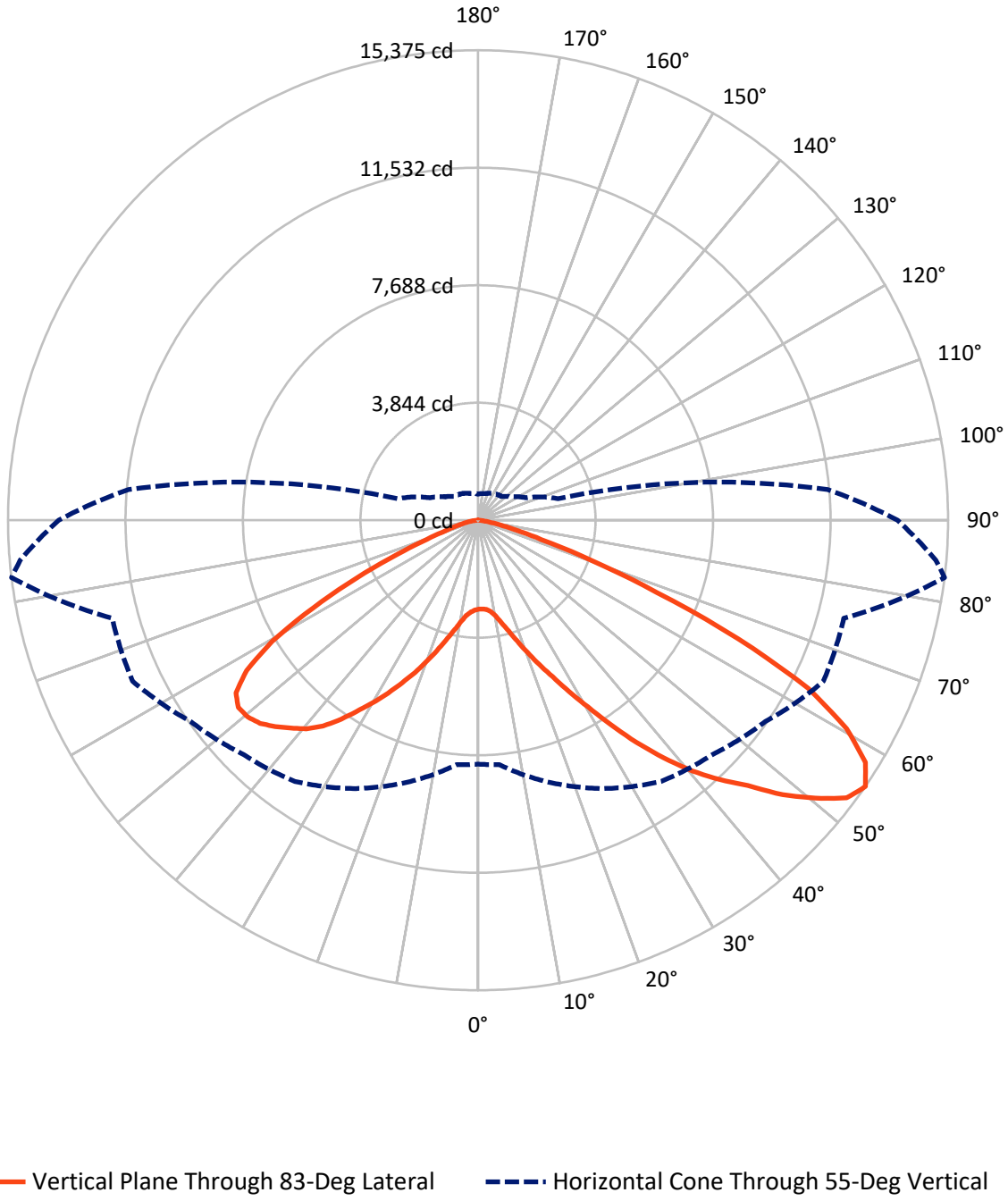
Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1500957
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Luminous Intensity Polar Plot



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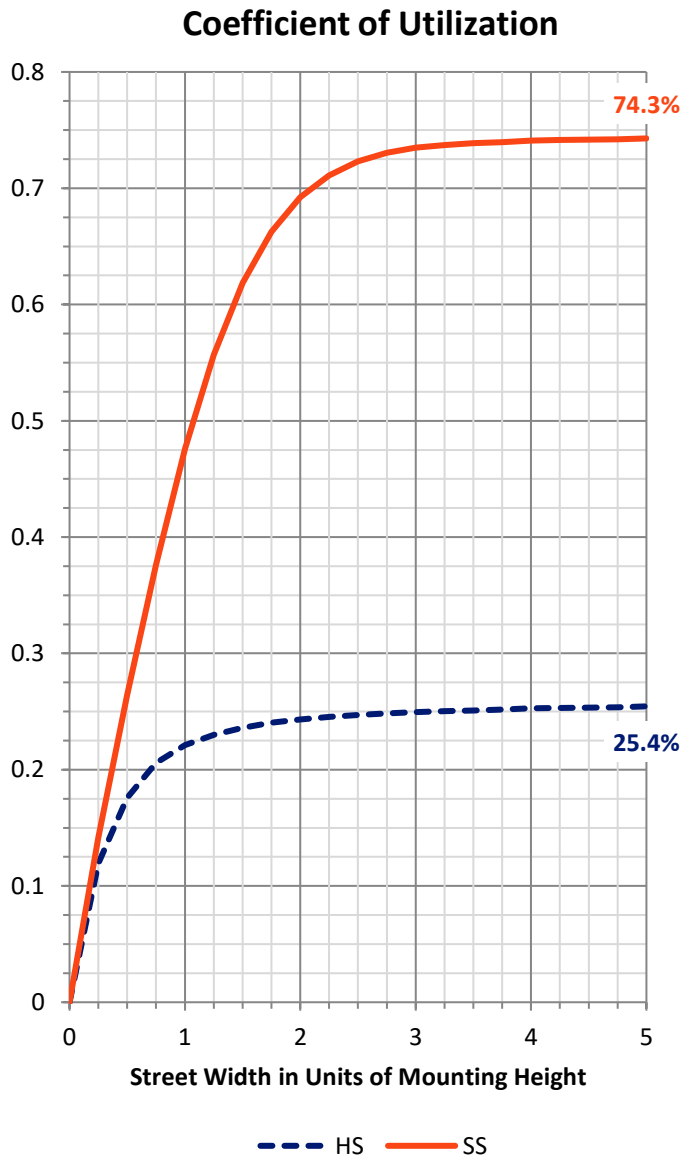
REPORT NUMBER: P1500957
CATALOG NUMBER: GSS-SB5A-740-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6032.5	0.0	6032.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	17475.0	0.0	17475.0
	% Fixture	74.3	0.0	74.3
Total	Lumens	23507.5	0.0	23507.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.2	1.2
10°-20°	916.0	3.9
20°-30°	1833.7	7.8
30°-40°	3262.5	13.9
40°-50°	4916.5	20.9
50°-60°	5991.0	25.5
60°-70°	4844.6	20.6
70°-80°	1326.9	5.6
80°-90°	135.1	0.6
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°	23507.5	100.0
0°-180°	23507.5	100.0



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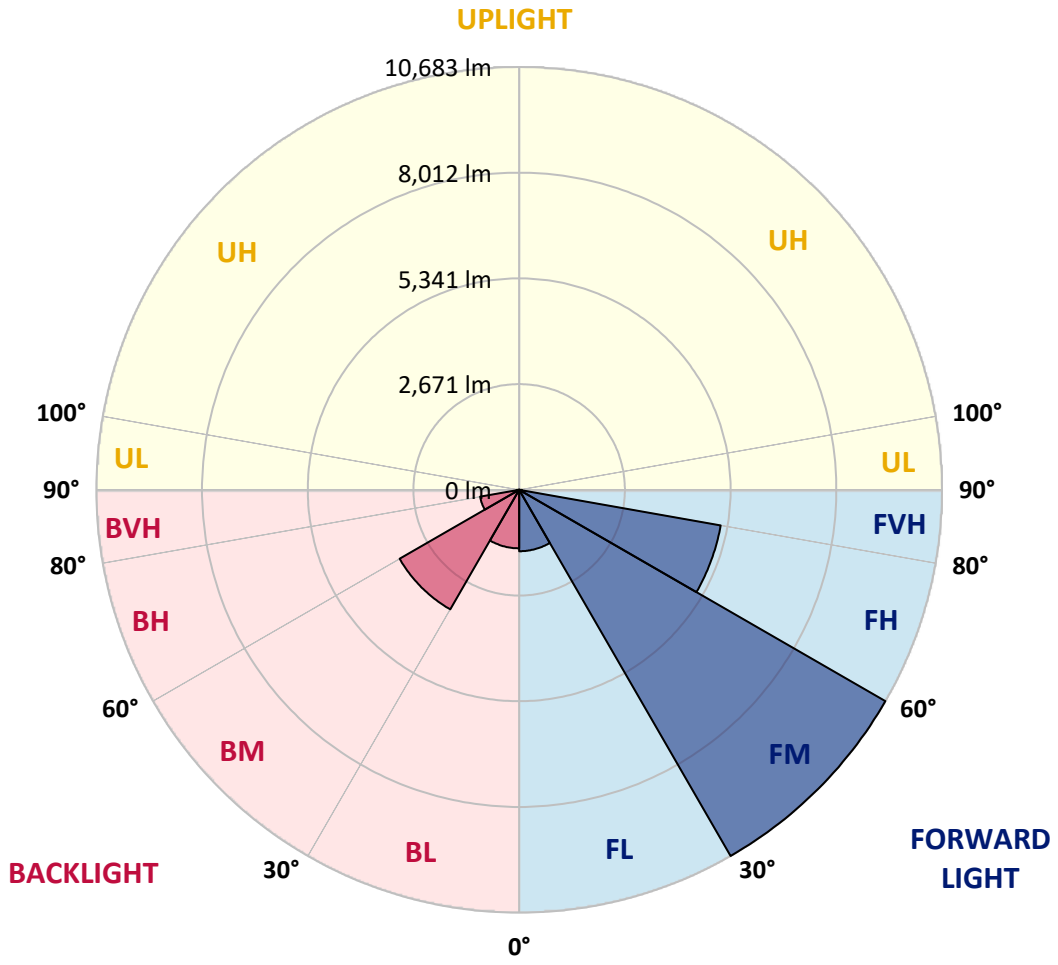
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REPORT NUMBER: P1500957
CATALOG NUMBER: GSS-SB5A-740-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1552.1	6.6			
FM	(30°-60°)	10682.6	45.4			
FH	(60°-80°)	5169.9	22.0			G3/7500
FVH	(80°-90°)	70.4	0.3			G1/100
BL	(0°-30°)	1478.7	6.3	B3/2500		
BM	(30°-60°)	3487.5	14.8	B3/5000		
BH	(60°-80°)	1001.6	4.3	B3/2500		G3/2500
BVH	(80°-90°)	64.8	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	*2910.0*	2910.0
2.5°	2826.4	2821.2	2815.9	2810.7	2821.2	2836.8	2852.5	2863.0	2889.1	*2910.0*	2899.5
5°	2601.7	2591.3	2601.7	2643.5	2680.1	2742.8	2805.5	2847.3	2904.8	*2930.9*	2941.3
7.5°	2403.2	2392.8	2403.2	2455.5	2518.2	2617.4	2748.0	2852.5	2957.0	*3019.7*	3030.1
10°	2403.2	2408.4	2408.4	2429.3	2460.7	2560.0	2716.7	2915.2	3098.1	*3186.9*	3207.8
12.5°	2481.6	2481.6	2481.6	2507.7	2528.6	2607.0	2784.6	3030.1	3322.7	*3453.3*	3469.0
15°	2586.1	2580.8	2596.5	2612.2	2648.8	2727.1	2904.8	3197.3	3568.3	*3766.8*	3787.7
17.5°	2732.4	2721.9	2737.6	2774.2	2826.4	2915.2	3092.8	3427.2	3907.8	*4158.6*	4190.0
20°	2894.3	2889.1	2920.4	2977.9	3051.0	3160.8	3364.5	3704.1	4294.4	*4613.1*	4670.6
22.5°	3087.6	3077.2	3134.6	3239.1	3338.4	3463.8	3709.3	4064.6	4738.5	*5119.9*	5177.4
25°	3307.0	3307.0	3385.4	3510.8	3662.3	3886.9	4132.5	4524.3	5261.0	*5668.5*	5757.3
27.5°	3667.5	3693.6	3725.0	3855.6	4069.8	4372.8	4634.0	5078.1	5830.4	*6342.4*	6373.8
30°	4252.7	4242.2	4294.4	4383.3	4560.9	4879.6	5271.4	5746.8	6551.4	*7089.5*	7167.9
32.5°	4780.3	4796.0	4869.1	5036.3	5250.5	5522.2	5992.4	6577.5	7335.0	*7956.7*	7993.3
35°	5313.2	5323.7	5464.7	5715.5	6034.2	6337.2	6849.2	7423.9	8186.6	*8923.3*	9022.5
37.5°	6060.3	6049.8	6190.9	6405.1	6833.5	7303.7	7716.4	8265.0	9001.6	*9863.6*	9978.6
40°	6619.3	6676.8	6943.2	7214.9	7617.2	8103.0	8453.1	8970.3	9670.3	*10783.1*	10887.6
42.5°	7194.0	7241.0	7596.3	8003.8	8426.9	8756.1	9027.7	9508.4	10203.2	*11598.1*	11655.6
45°	7669.4	7732.1	8139.6	8656.8	9095.7	9430.0	9524.1	9973.4	10746.6	*12381.8*	12470.6
47.5°	7972.4	8040.3	8521.0	9127.0	9576.3	9931.6	9900.2	10532.4	11326.5	*13421.5*	13390.1
50°	8181.4	8223.2	8745.6	9393.5	9978.6	10213.7	10349.5	11164.5	11922.1	*14293.9*	14179.0
52.5°	8332.9	8400.8	8876.2	9586.8	10203.2	10511.5	10877.2	11895.9	12334.8	*15093.3*	14837.3
55°	*7977.6*	*8029.9*	*8865.8*	*9686.0*	*10433.1*	*10840.6*	*11478.0*	*12465.4*	*12387.0*	*15375.4*	*15030.6*
57.5°	7611.9	7653.7	8426.9	9659.9	10683.9	11248.1	12162.4	12538.5	11922.1	*14941.8*	14508.1
60°	7152.2	7183.5	7956.7	9383.0	10689.1	11566.8	12512.4	12005.6	11060.0	*13849.9*	13437.1
62.5°	6305.8	6305.8	7157.4	8635.9	10427.9	11728.8	12418.4	10997.3	9905.4	*12131.0*	11561.6
65°	5469.9	5433.4	6008.0	7303.7	9733.0	11687.0	11713.1	9722.6	8113.5	*9356.9*	8912.8
67.5°	4560.9	4566.1	4905.7	5929.7	7883.6	10814.5	10224.1	7512.7	5652.8	*6300.6*	6070.7
70°	3087.6	3166.0	3510.8	4304.9	5945.4	7664.2	8139.6	5088.6	3526.5	*3913.1*	3725.0
72.5°	1175.5	1191.2	1593.4	2256.9	3756.3	4607.9	5678.9	2847.3	2063.6	*2157.7*	2168.1
75°	496.3	517.2	679.2	950.8	1666.6	2512.9	2988.4	1441.9	1253.9	*1290.4*	1280.0
77.5°	334.4	344.8	412.7	512.0	752.3	1008.3	1248.6	815.0	768.0	*721.0*	700.1
80°	250.8	250.8	297.8	344.8	423.2	517.2	543.3	412.7	459.7	*381.4*	370.9
82.5°	162.0	172.4	188.1	203.8	240.3	256.0	219.4	224.6	266.4	*198.5*	188.1
85°	78.4	83.6	88.8	94.0	94.0	88.8	78.4	99.3	135.8	*83.6*	78.4
87.5°	10.4	10.4	10.4	10.4	10.4	10.4	5.2	5.2	5.2	*5.2*	5.2
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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Scaled Data Report

REPORT NUMBER: P1500957
CATALOG NUMBER: GSS-SB5A-740-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0	2910.0
2.5°	2915.2	2936.1	2951.8	2962.2	2988.4	2983.1	2998.8	3009.2	3019.7	3035.4	3014.5
5°	2967.5	3004.0	3045.8	3077.2	3108.5	3124.2	3129.4	3139.9	3145.1	3155.5	3150.3
7.5°	3082.4	3124.2	3186.9	3218.2	3244.3	3244.3	3228.7	3223.4	3207.8	3218.2	3218.2
10°	3275.7	3338.4	3406.3	3411.5	3380.2	3343.6	3286.1	3254.8	3213.0	3202.6	3192.1
12.5°	3557.8	3641.4	3693.6	3657.1	3547.4	3411.5	3260.0	3119.0	3009.2	2962.2	2951.8
15°	3876.5	3981.0	3991.4	3886.9	3688.4	3359.3	3040.6	2883.9	2826.4	2826.4	2821.2
17.5°	4315.3	4388.5	4346.7	4095.9	3651.8	3113.7	2883.9	2857.7	2873.4	2894.3	2894.3
20°	4775.1	4858.7	4686.3	4242.2	3427.2	2967.5	2899.5	2920.4	2957.0	2977.9	2972.7
22.5°	5323.7	5365.4	5031.1	4247.4	3186.9	2930.9	2930.9	2957.0	2983.1	3014.5	3014.5
25°	5887.9	5872.2	5349.8	4054.1	3051.0	2920.4	2910.0	2930.9	2941.3	2957.0	2951.8
27.5°	6520.0	6436.4	5595.3	3745.9	3009.2	2889.1	2836.8	2815.9	2826.4	2842.1	2847.3
30°	7246.2	7047.7	5793.8	3552.6	2993.6	2815.9	2690.6	2633.1	2622.6	2643.5	2643.5
32.5°	8087.4	7659.0	5914.0	3526.5	2977.9	2685.3	2518.2	2408.4	2387.5	2398.0	2424.1
35°	8949.4	8395.6	5882.7	3594.4	2983.1	2580.8	2335.3	2189.0	2168.1	2178.6	2204.7
37.5°	9853.2	9095.7	5762.5	3698.9	2941.3	2439.8	2168.1	1990.5	1959.1	1980.0	1990.5
40°	10553.3	9686.0	5464.7	3740.7	2868.2	2262.2	1974.8	1823.3	1739.7	1734.5	1760.6
42.5°	11201.1	10151.0	5140.8	3672.7	2716.7	2074.1	1776.3	1624.8	1494.2	1394.9	1394.9
45°	11848.9	10621.2	4811.7	3479.4	2465.9	1875.6	1567.3	1363.6	1212.1	1138.9	1144.1
47.5°	12496.7	11075.7	4419.8	3186.9	2215.1	1666.6	1342.7	1180.7	1076.2	1018.8	1018.8
50°	13097.5	11404.8	3918.3	2721.9	1927.8	1457.6	1185.9	1091.9	1013.5	961.3	950.8
52.5°	13625.2	11624.3	3239.1	2157.7	1614.3	1222.5	1102.3	1029.2	971.7	914.3	898.6
55°	*13719.2*	*11478.0*	*2711.5*	*1734.5*	*1332.2*	*1097.1*	*1039.7*	*977.0*	*898.6*	*872.5*	*856.8*
57.5°	13139.3	10704.8	2288.3	1462.8	1138.9	1008.3	987.4	914.3	851.6	825.5	809.8
60°	12151.9	9299.4	1891.2	1253.9	1013.5	924.7	950.8	877.7	778.4	762.8	747.1
62.5°	10375.6	7256.7	1509.8	1055.3	919.5	862.0	888.1	783.7	700.1	679.2	673.9
65°	8066.5	5193.0	1269.5	929.9	846.4	799.3	788.9	694.8	632.2	616.5	616.5
67.5°	5631.9	3301.8	1060.6	851.6	752.3	721.0	715.7	653.0	611.3	595.6	595.6
70°	3448.1	2000.9	893.4	778.4	663.5	606.0	642.6	632.2	569.5	553.8	548.6
72.5°	1792.0	1196.4	783.7	715.7	559.0	517.2	574.7	579.9	527.7	548.6	543.3
75°	1039.7	830.7	684.4	632.2	444.1	433.6	501.5	553.8	512.0	527.7	517.2
77.5°	595.6	532.9	527.7	517.2	350.0	355.3	449.3	496.3	438.8	454.5	418.0
80°	329.1	344.8	365.7	323.9	245.5	276.9	360.5	397.1	334.4	329.1	303.0
82.5°	172.4	214.2	245.5	209.0	141.1	167.2	245.5	245.5	214.2	203.8	198.5
85°	78.4	88.8	114.9	104.5	52.2	62.7	114.9	125.4	109.7	99.3	94.0
87.5°	5.2	5.2	5.2	5.2	5.2	5.2	10.4	15.7	5.2	5.2	5.2
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: SP1-2407-184-1

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

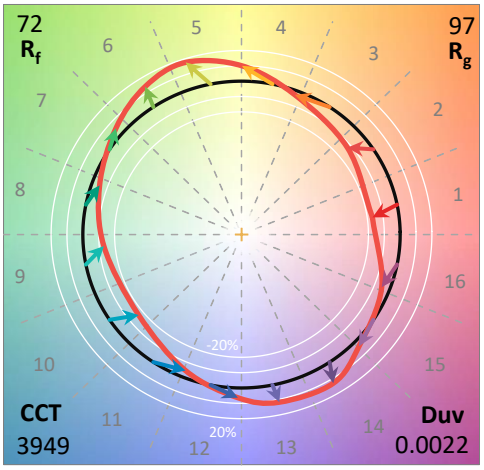
Test Information

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
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

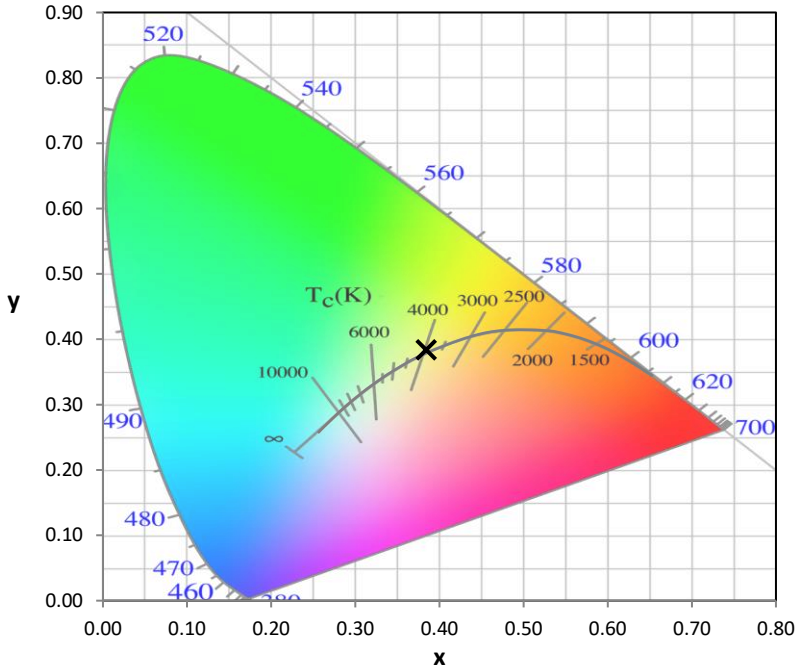
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

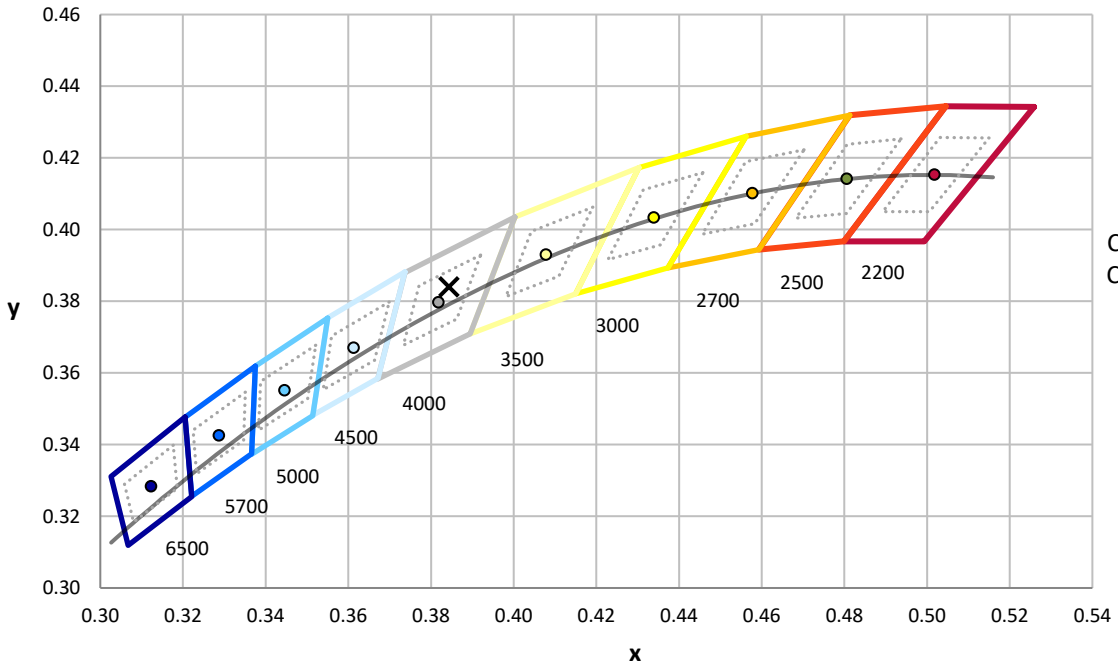
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

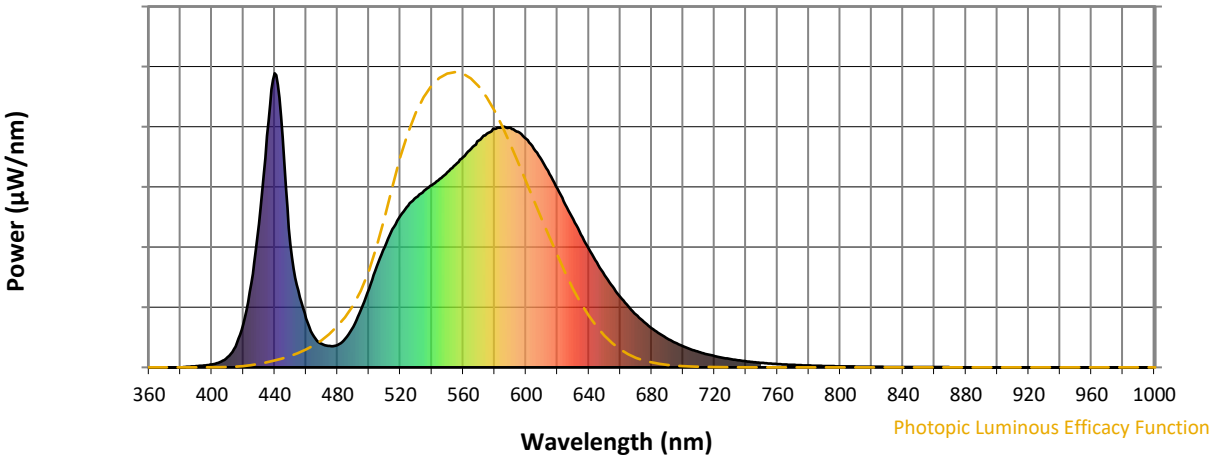


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

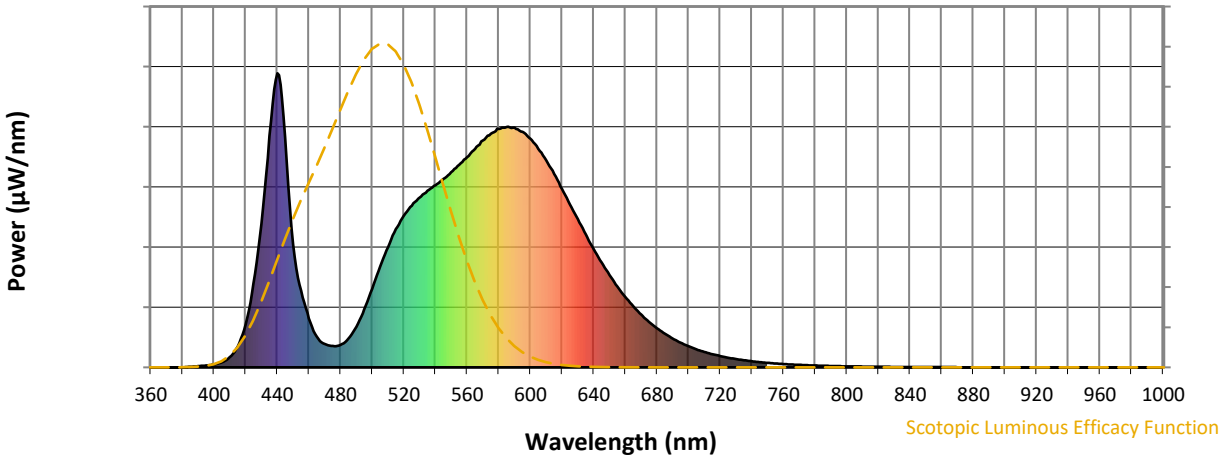


Photopic Lumens: NR

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	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

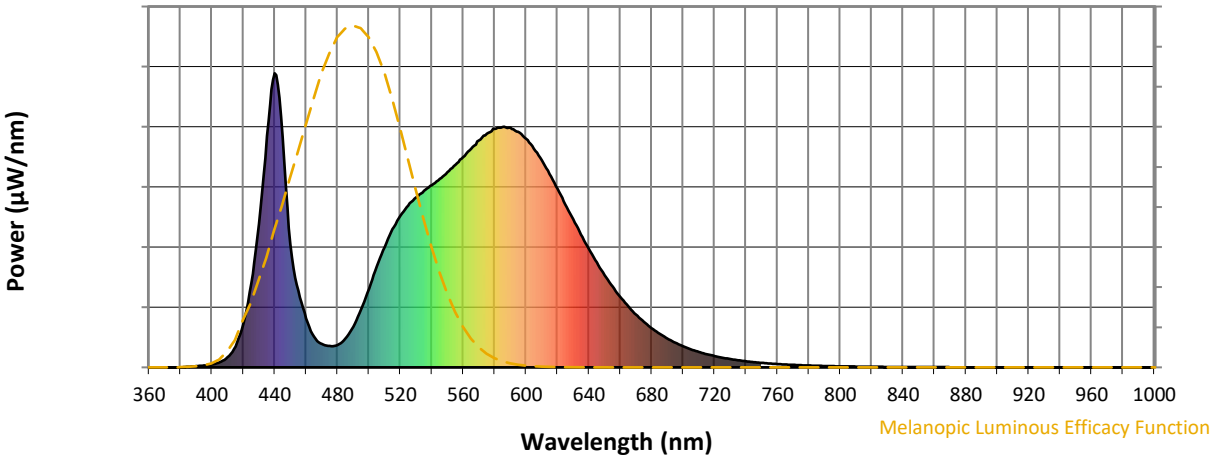


Scotopic Lumens: NR **S/P: 1.47**

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^/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			

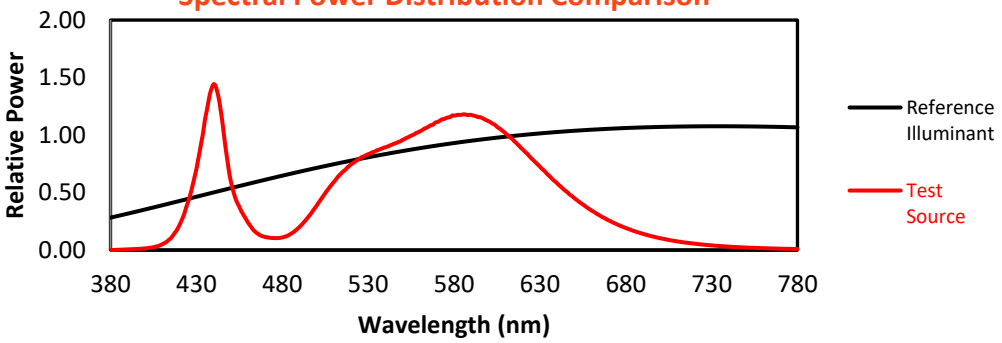
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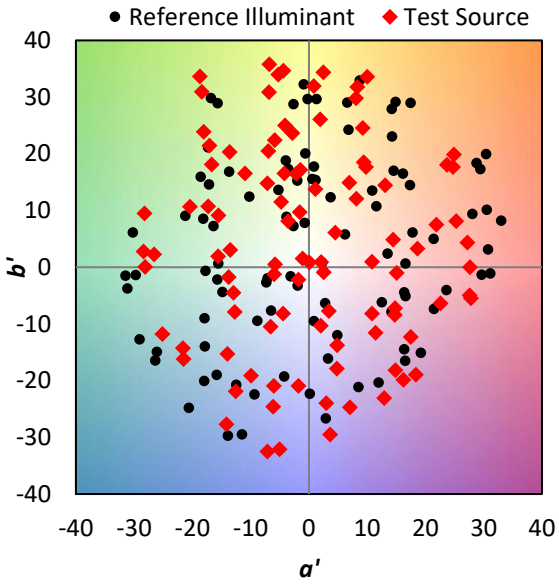
Summary

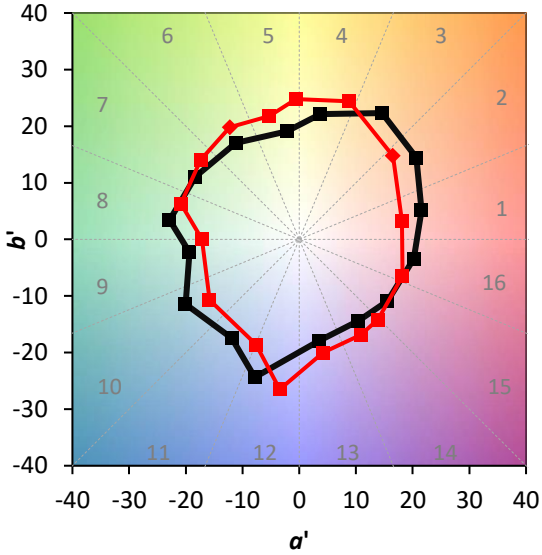
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

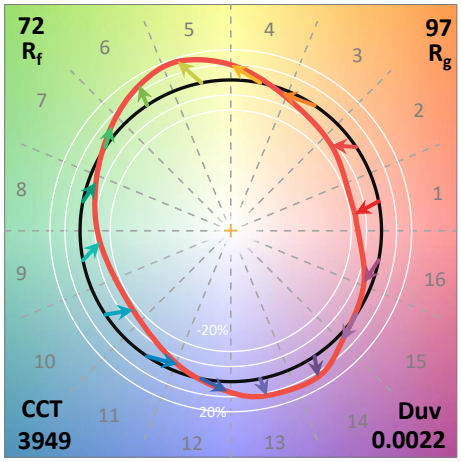
Spectral Power Distribution Comparison

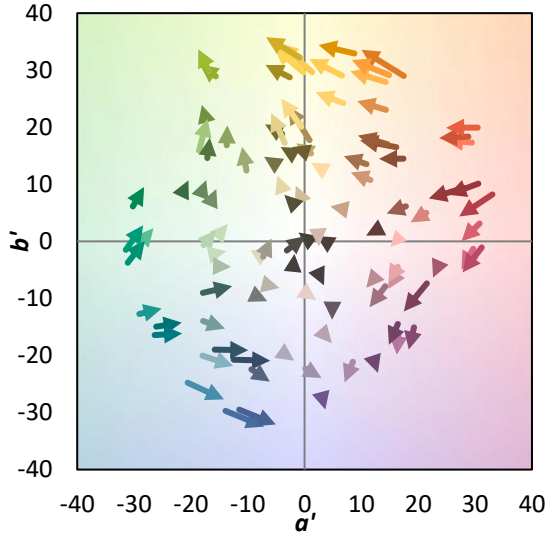


Color Vector Graphics







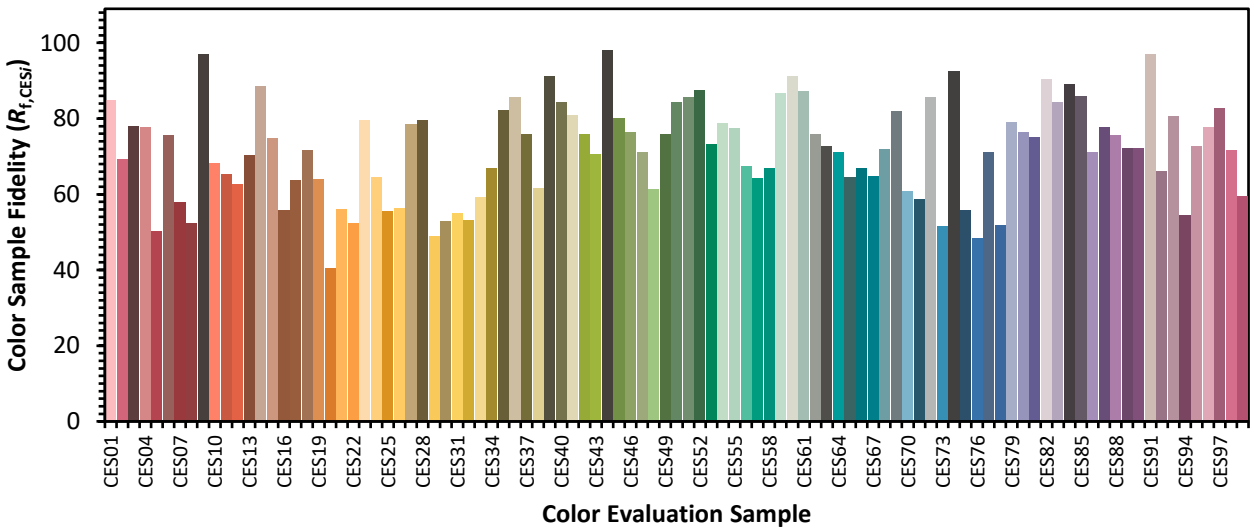


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Individual Sample Fidelity Index ($R_{f,i}$)

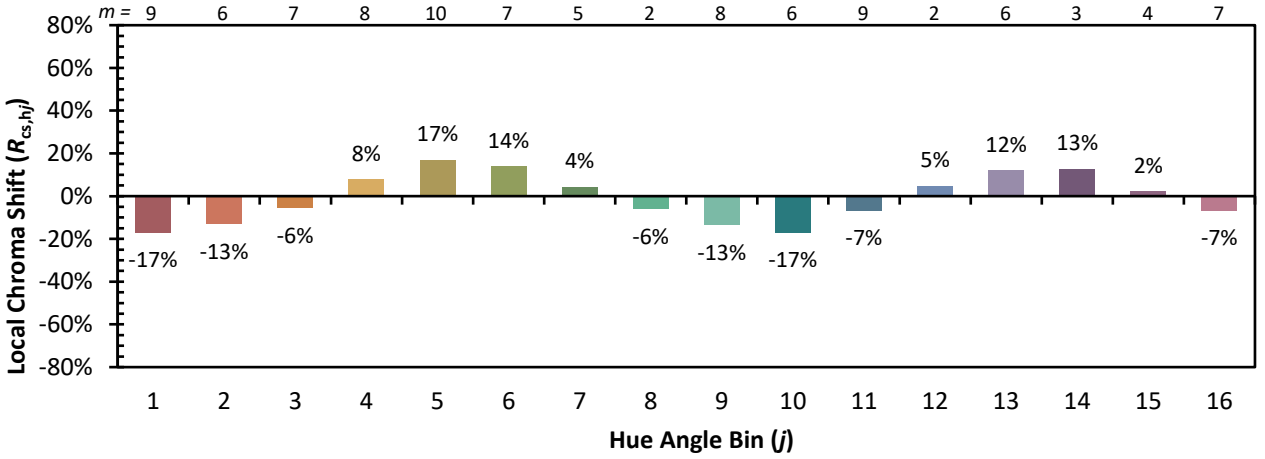
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

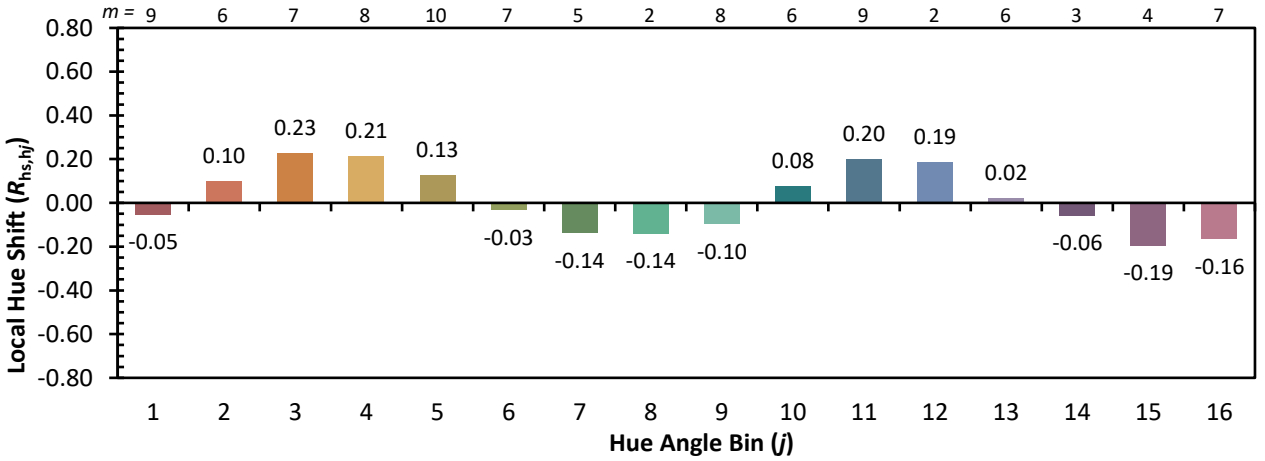


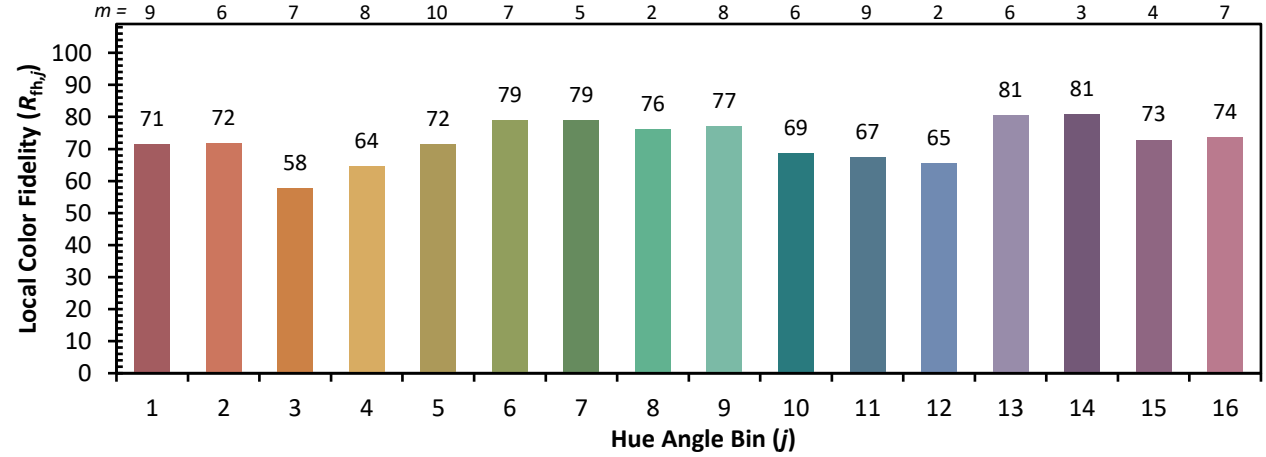
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Color Rendition by Hue-Angle Bin



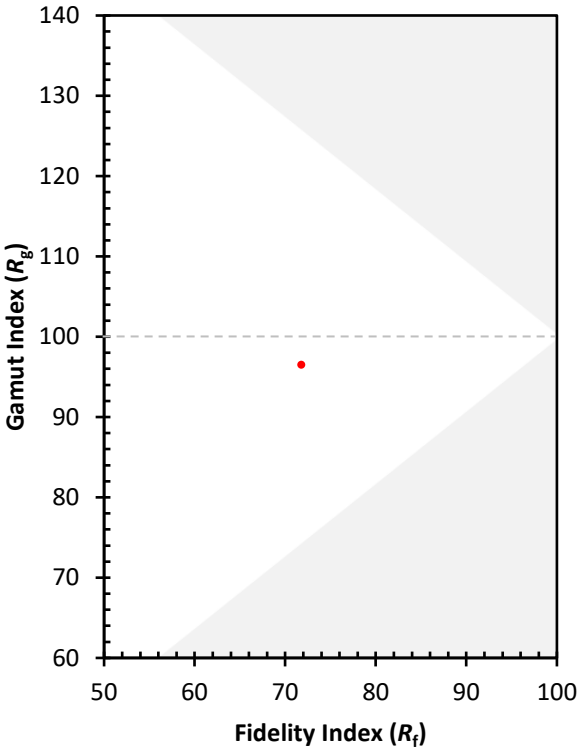


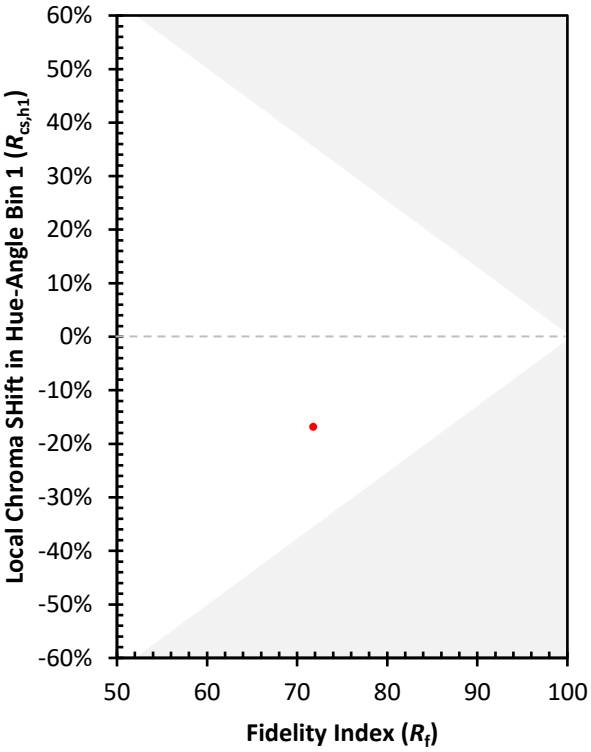


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Measure Comparisons





(END OF REPORT)