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: P1500765

Luminaire Tested: GSS-SB5A-830-U-T4LG

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:	P1500765
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19593 lumens
Efficiency:	N/A
Efficacy:	137.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

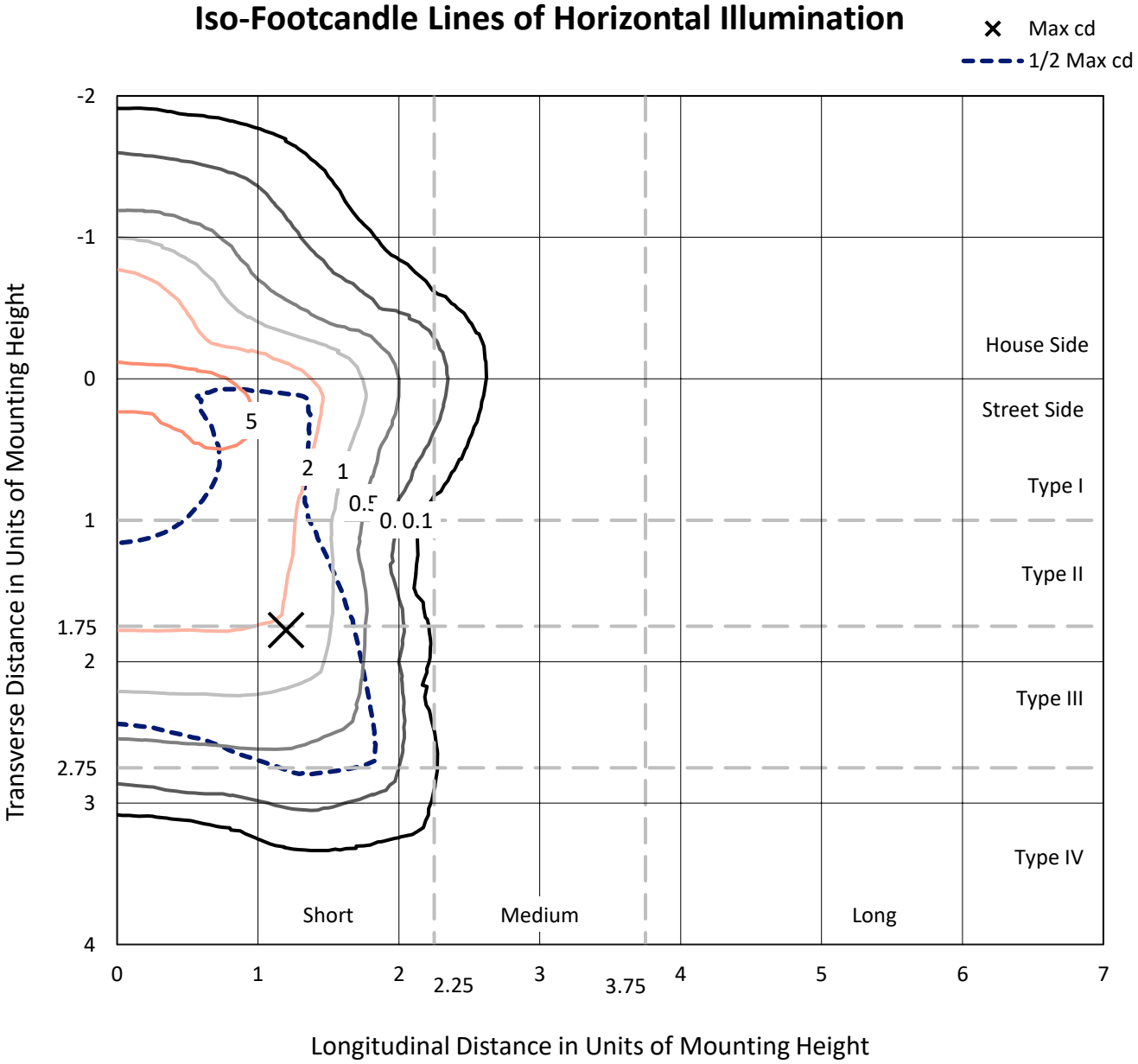
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500765
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Iso-Footcandle Lines of Horizontal Illumination



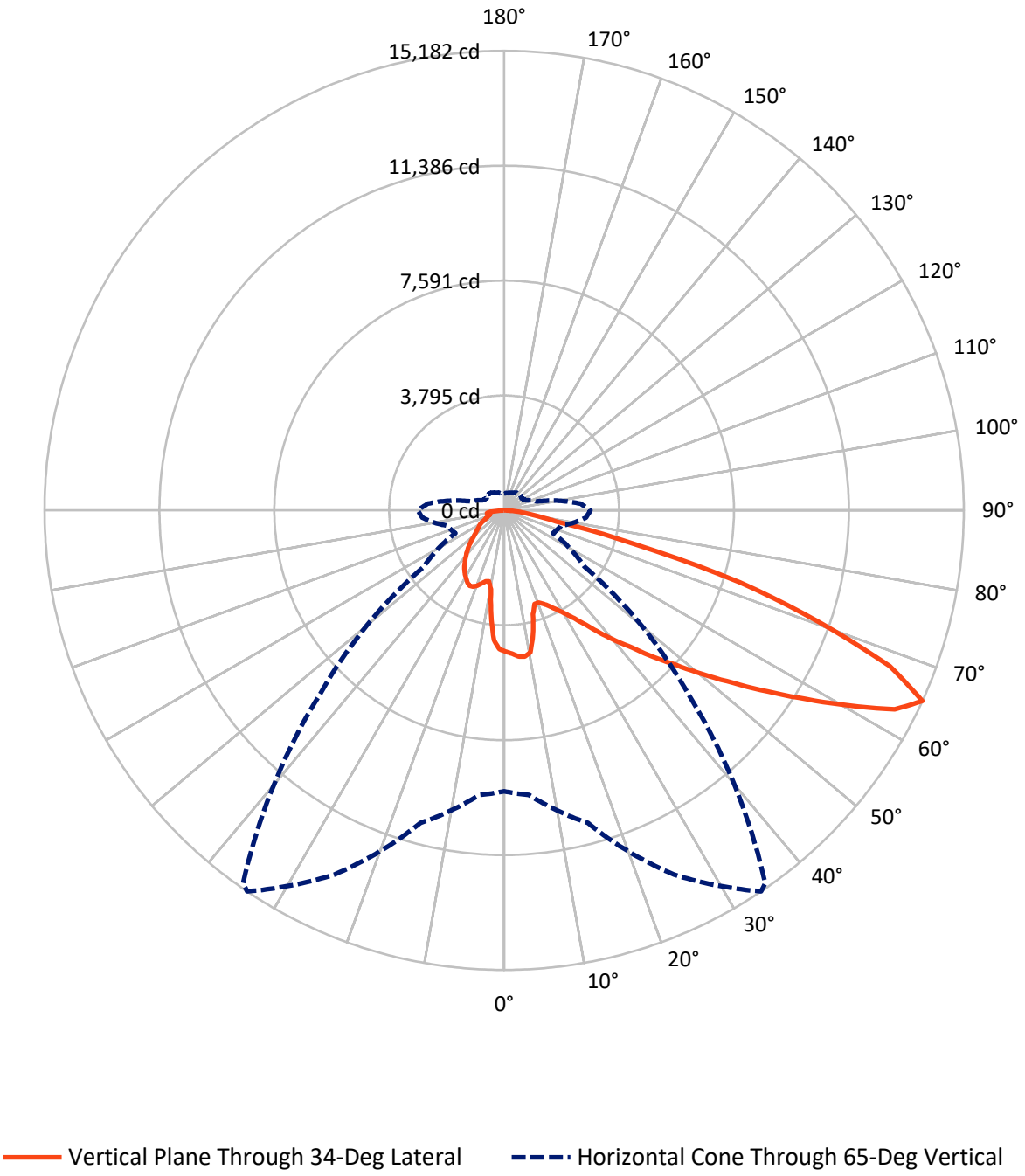
Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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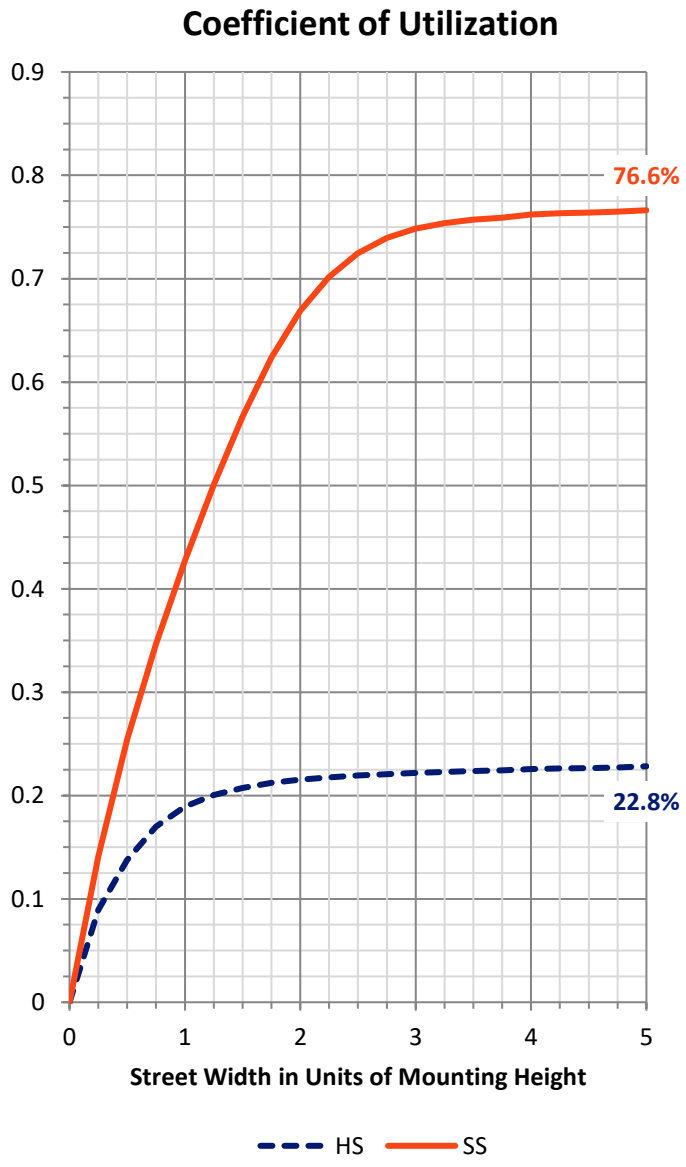
REPORT NUMBER: P1500765
CATALOG NUMBER: GSS-SB5A-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4558.4	0.0	4558.4
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15034.6	0.0	15034.6
	% Fixture	76.7	0.0	76.7
Total	Lumens	19593.0	0.0	19593.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	419.9	2.1
10°-20°	1057.0	5.4
20°-30°	1752.0	8.9
30°-40°	2635.0	13.4
40°-50°	3691.5	18.8
50°-60°	4654.4	23.8
60°-70°	4003.2	20.4
70°-80°	1190.2	6.1
80°-90°	189.9	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°	19593.0	100.0
0°-180°	19593.0	100.0



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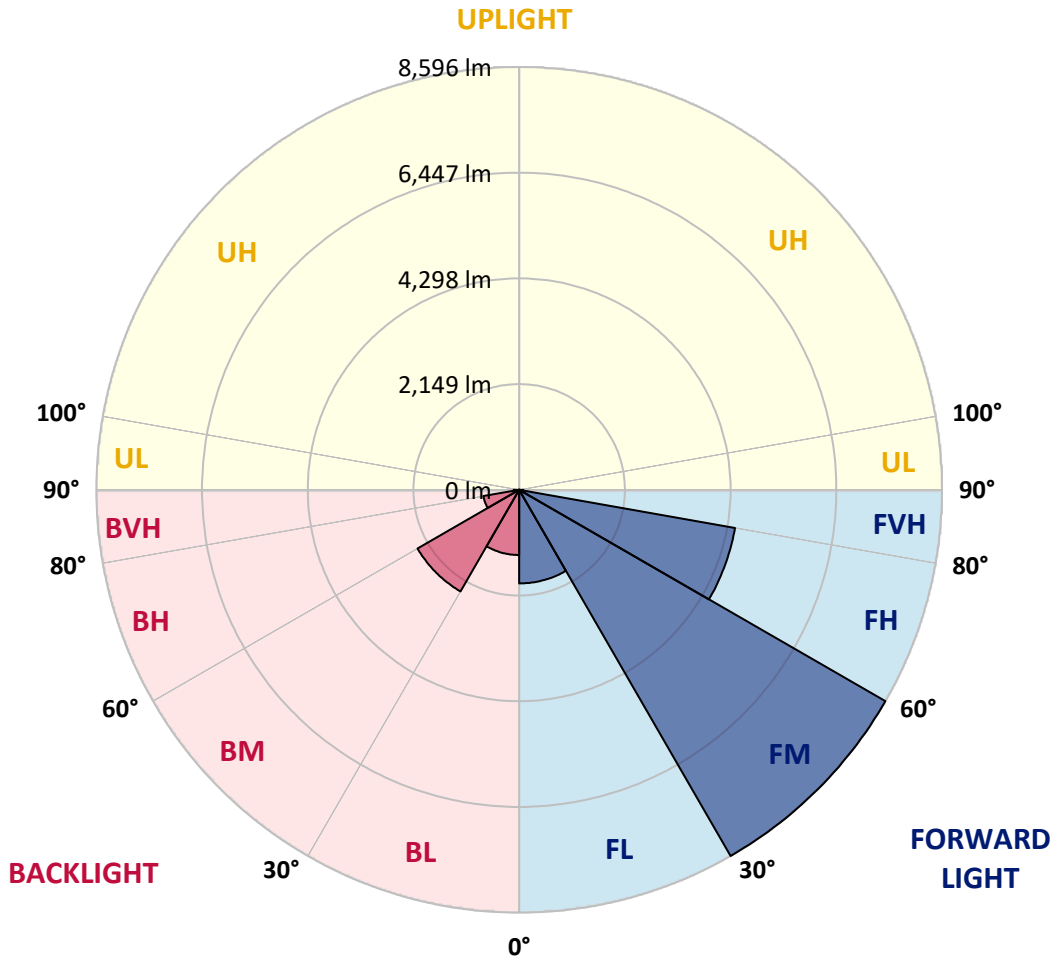
Scaled Data Report

REPORT NUMBER: P1500765
CATALOG NUMBER: GSS-SB5A-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1902.6	9.7			
FM	(30°-60°)	8596.0	43.9			
FH	(60°-80°)	4455.6	22.7			G2/5000
FVH	(80°-90°)	80.3	0.4			G1/100
BL	(0°-30°)	1326.3	6.8	B3/2500		
BM	(30°-60°)	2384.8	12.2	B2/2500		
BH	(60°-80°)	737.8	3.8	B2/1000		G2/1000
BVH	(80°-90°)	109.5	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4658.3	4658.3	4658.3	4658.3	*4658.3*	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3
2.5°	4747.1	4773.7	4742.6	4729.3	*4733.7*	4738.2	4716.0	4720.4	4693.8	4693.8	4671.6
5°	4849.1	4853.5	4835.8	4849.1	*4844.7*	4840.2	4840.2	4835.8	4778.1	4764.8	4742.6
7.5°	4791.4	4809.2	4818.0	4866.8	*4880.2*	4906.8	4924.5	4933.4	4889.0	4853.5	4795.9
10°	4263.5	4276.8	4378.8	4600.7	*4769.2*	4800.3	4964.4	5057.6	5026.6	5008.8	4911.2
12.5°	3407.2	3429.4	3544.8	3833.1	*4228.0*	4312.3	4835.8	5150.8	5221.8	5226.2	5084.2
15°	3039.0	3039.0	3074.5	3238.6	*3558.1*	3624.6	4396.6	5177.4	5430.3	5461.3	5288.3
17.5°	2963.6	2959.1	2981.3	3078.9	*3247.5*	3287.4	3890.8	5039.9	5678.7	5732.0	5510.1
20°	2959.1	2945.8	2990.2	3101.1	*3247.5*	3283.0	3655.7	4800.3	5873.9	6042.5	5732.0
22.5°	2963.6	2963.6	3025.7	3185.4	*3354.0*	3385.1	3700.0	4600.7	6033.6	6366.4	5967.1
25°	3012.4	3003.5	3092.2	3287.4	*3518.1*	3540.3	3881.9	4591.8	6171.2	6730.2	6251.0
27.5°	3092.2	3096.7	3216.5	3451.6	*3713.4*	3757.7	4134.8	4782.5	6339.8	7129.5	6526.1
30°	3260.8	3265.3	3407.2	3646.8	*3948.5*	4006.2	4427.6	5066.5	6579.3	7559.8	6823.3
32.5°	3451.6	3473.8	3646.8	3926.3	*4250.2*	4281.2	4787.0	5492.4	6938.7	7990.1	7142.8
35°	3771.0	3793.2	3988.4	4281.2	*4640.6*	4684.9	5226.2	5984.8	7377.9	8424.9	7391.2
37.5°	4183.6	4201.4	4392.1	4747.1	*5128.6*	5173.0	5714.2	6508.3	7821.6	8771.0	7613.0
40°	4676.1	4716.0	4920.1	5266.1	*5652.1*	5678.7	6246.6	7014.1	8300.7	9010.5	7701.8
42.5°	5212.9	5252.8	5461.3	5842.9	*6197.8*	6277.6	6823.3	7550.9	8691.1	9117.0	7630.8
45°	5900.5	5891.7	6086.9	6486.2	*6903.2*	6934.3	7440.0	7994.6	8926.2	9028.3	7559.8
47.5°	6734.6	6743.5	6867.7	7191.6	*7621.9*	7692.9	8083.3	8376.1	9063.8	8957.3	7479.9
50°	7675.1	7697.3	7803.8	8038.9	*8500.3*	8549.1	8664.5	8642.3	9148.1	8806.5	7511.0
52.5°	8615.7	8629.0	8771.0	9019.4	*9467.5*	9503.0	9250.1	8846.4	8833.1	8198.7	7444.4
55°	9387.6	9383.2	9636.1	10017.6	*10563.3*	10541.1	9826.8	8691.1	7848.2	7253.7	7147.2
57.5°	10057.5	10084.2	10412.5	11073.5	*11761.2*	11743.4	10443.5	7870.4	6410.7	6135.7	6663.6
60°	10660.9	10723.0	11339.7	12329.0	*13087.7*	12981.2	10554.4	6632.6	4986.6	4804.7	5705.3
62.5°	10399.2	10514.5	11503.8	13433.7	*14476.3*	14241.2	9871.2	5137.5	3376.2	3212.0	4032.8
65°	*9281.2*	*9436.4*	*10692.0*	*13274.0*	*15181.7*	*15035.3*	*8629.0*	*3229.8*	*1779.0*	*1952.1*	*2715.1*
67.5°	7794.9	7981.3	9338.8	11925.3	*13735.4*	13420.4	6703.6	1699.2	829.6	1286.6	1685.9
70°	4272.4	4733.7	6752.4	10141.8	*11002.5*	10563.3	3877.5	803.0	603.4	803.0	1007.1
72.5°	1606.0	1716.9	2928.1	6818.9	*8149.9*	7608.6	1472.9	519.1	505.8	594.5	727.6
75°	772.0	825.2	1273.3	3101.1	*4449.8*	4148.1	723.1	386.0	434.8	465.8	527.9
77.5°	461.4	496.9	794.1	1801.2	*1752.4*	1610.4	443.7	297.2	350.5	332.7	310.6
80°	275.1	306.1	483.6	1024.8	*1055.9*	936.1	270.6	208.5	244.0	213.0	190.8
82.5°	159.7	173.0	252.9	461.4	*669.9*	616.7	155.3	124.2	177.5	142.0	106.5
85°	79.9	84.3	115.3	199.6	*332.7*	252.9	66.5	57.7	84.3	62.1	35.5
87.5°	17.7	17.7	17.7	22.2	*31.1*	31.1	8.9	4.4	4.4	4.4	4.4
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: P1500765
CATALOG NUMBER: GSS-SB5A-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3	4658.3
2.5°	4667.2	4676.1	4645.0	4609.5	4600.7	4574.0	4582.9	4565.2	4538.5	4543.0	4547.4
5°	4711.6	4693.8	4631.7	4551.8	4480.9	4401.0	4307.8	4201.4	4125.9	4094.9	4121.5
7.5°	4751.5	4733.7	4627.3	4449.8	4210.2	3877.5	3531.5	3216.5	2999.1	2919.2	2937.0
10°	4862.4	4791.4	4596.2	4210.2	3637.9	3007.9	2657.5	2462.3	2395.7	2360.2	2364.7
12.5°	5008.8	4911.2	4538.5	3793.2	2928.1	2528.8	2404.6	2360.2	2338.0	2329.2	2338.0
15°	5186.3	5035.4	4401.0	3269.7	2599.8	2444.5	2417.9	2422.3	2422.3	2426.8	2426.8
17.5°	5341.5	5106.4	4152.6	2892.6	2533.2	2488.9	2515.5	2537.7	2537.7	2542.1	2537.7
20°	5483.5	5141.9	3833.1	2732.9	2546.6	2568.7	2630.8	2653.0	2657.5	2653.0	2653.0
22.5°	5634.4	5164.1	3513.7	2644.2	2577.6	2644.2	2710.7	2741.8	2750.6	2755.1	2759.5
25°	5780.8	5119.7	3252.0	2573.2	2564.3	2657.5	2732.9	2772.8	2781.7	2781.7	2786.1
27.5°	5927.2	5106.4	3074.5	2480.0	2502.2	2577.6	2666.3	2719.6	2755.1	2759.5	2763.9
30°	6095.8	5066.5	2905.9	2355.8	2364.7	2457.8	2551.0	2644.2	2715.1	2746.2	2746.2
32.5°	6211.1	5026.6	2755.1	2222.7	2222.7	2320.3	2435.6	2551.0	2653.0	2715.1	2728.4
35°	6322.0	4991.1	2622.0	2089.6	2094.0	2187.2	2307.0	2431.2	2559.9	2635.3	2670.8
37.5°	6379.7	4955.6	2528.8	1987.6	1969.8	2067.4	2147.3	2249.3	2386.8	2511.1	2542.1
40°	6393.0	4955.6	2519.9	1916.6	1841.1	1952.1	1987.6	2058.5	2182.8	2315.9	2364.7
42.5°	6304.3	4906.8	2564.3	1872.2	1708.1	1787.9	1827.8	1863.3	1943.2	2054.1	2094.0
45°	6197.8	4840.2	2604.2	1810.1	1543.9	1606.0	1668.1	1672.6	1708.1	1734.7	1761.3
47.5°	6109.1	4769.2	2533.2	1694.7	1375.3	1419.7	1486.2	1486.2	1468.5	1415.2	1397.5
50°	6180.0	4791.4	2413.5	1530.6	1220.0	1251.1	1322.1	1282.1	1242.2	1131.3	1118.0
52.5°	6242.2	4875.7	2271.5	1370.9	1086.9	1118.0	1189.0	1126.9	1047.0	958.3	945.0
55°	6140.1	4880.2	2009.7	1193.4	993.8	1020.4	1086.9	1011.5	936.1	882.9	874.0
57.5°	5834.0	4747.1	1734.7	1055.9	913.9	940.5	1002.6	927.2	856.2	851.8	874.0
60°	5159.7	4281.2	1481.8	967.2	838.5	869.6	931.7	851.8	758.6	718.7	732.0
62.5°	3895.2	3291.9	1268.8	865.1	767.5	807.4	851.8	723.1	643.3	625.5	607.8
65°	*2848.2*	*2528.8*	*1140.2*	*785.3*	*701.0*	*749.8*	*714.3*	*643.3*	*590.1*	*572.3*	*563.4*
67.5°	1841.1	1716.9	980.5	709.8	638.9	678.8	630.0	594.5	536.8	527.9	541.3
70°	1126.9	1166.8	820.8	625.5	576.7	567.9	576.7	541.3	479.1	492.5	510.2
72.5°	798.6	860.7	705.4	545.7	492.5	474.7	514.6	492.5	448.1	461.4	479.1
75°	572.3	638.9	581.2	448.1	417.0	408.2	479.1	492.5	461.4	470.3	483.6
77.5°	337.2	408.2	412.6	346.0	315.0	363.8	510.2	567.9	545.7	519.1	505.8
80°	217.4	244.0	292.8	221.8	221.8	315.0	559.0	692.1	594.5	527.9	519.1
82.5°	110.9	128.7	190.8	142.0	133.1	235.1	550.1	661.0	656.6	585.6	572.3
85°	31.1	39.9	88.7	62.1	53.2	124.2	412.6	496.9	443.7	323.9	328.3
87.5°	4.4	4.4	0.0	0.0	4.4	17.7	48.8	8.9	8.9	8.9	8.9
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

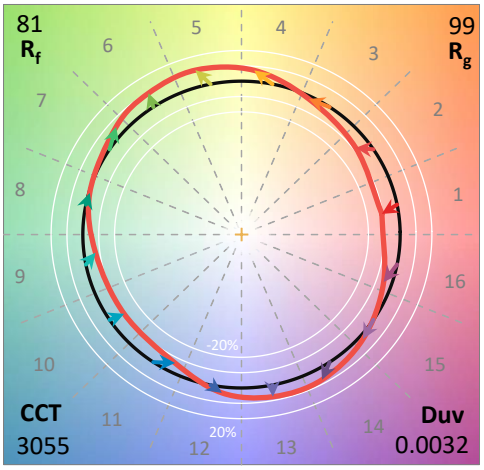
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

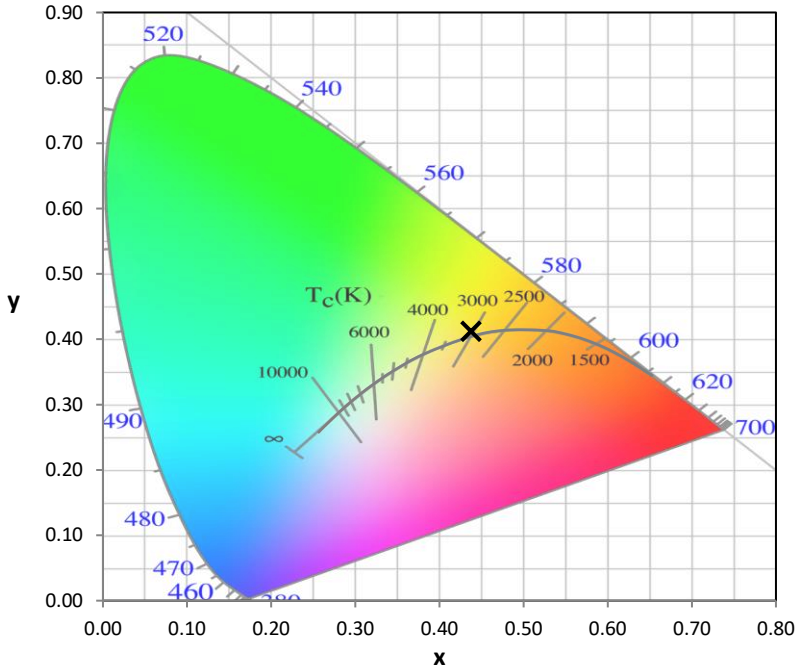
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

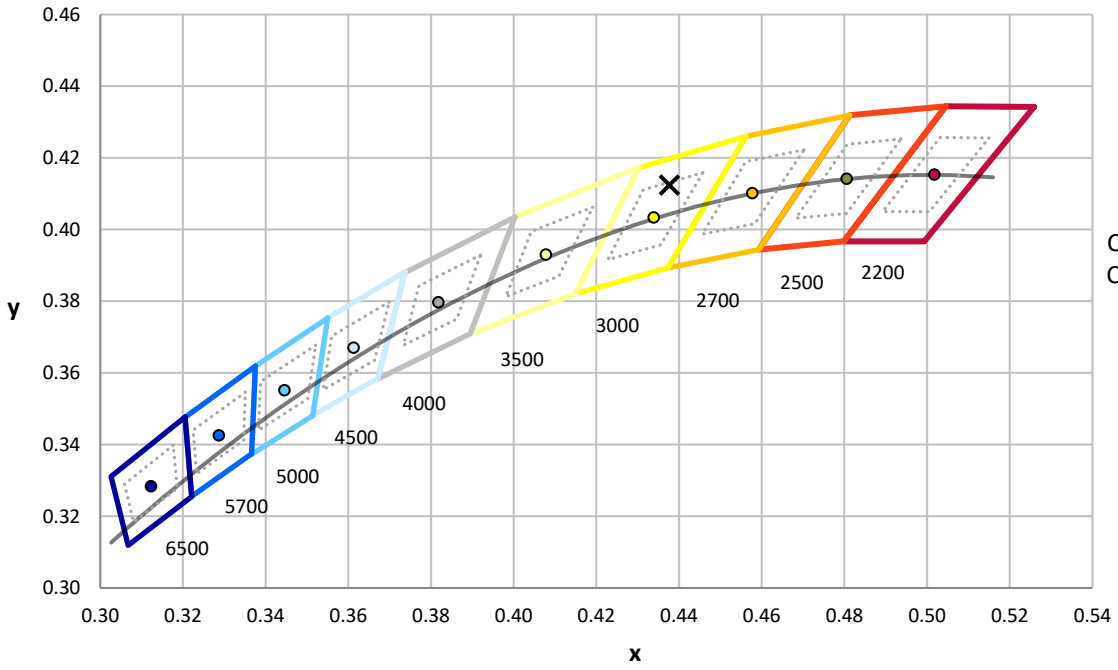
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

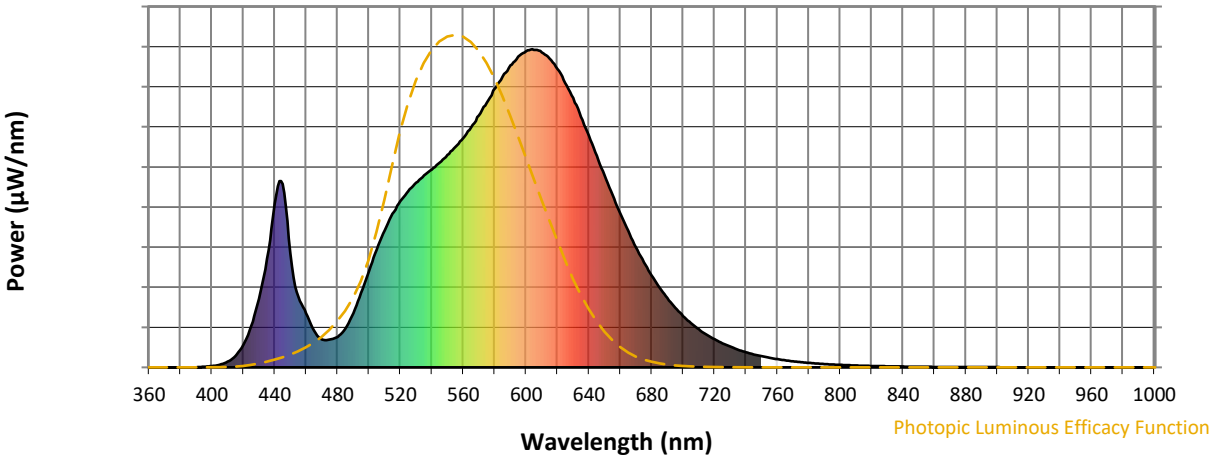


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

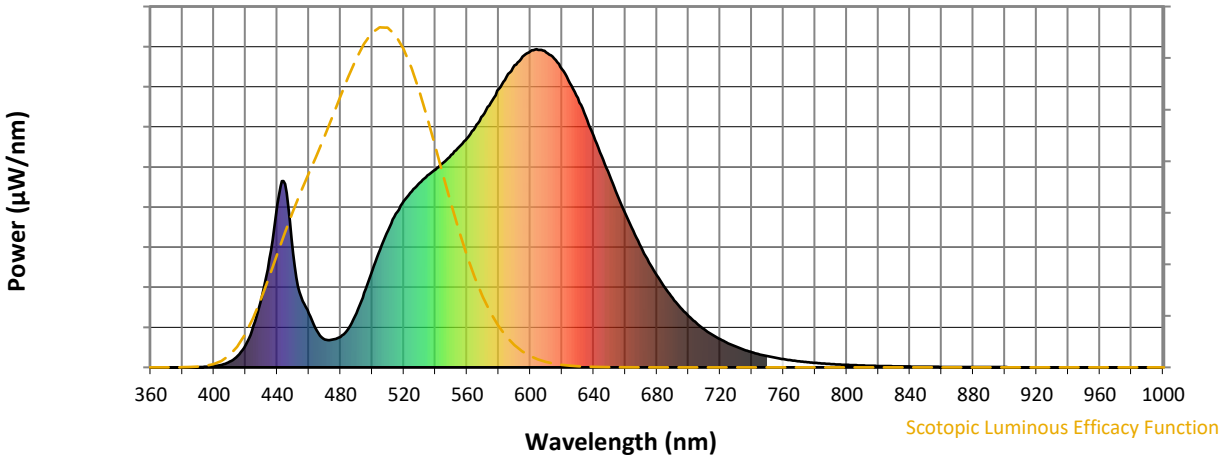


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

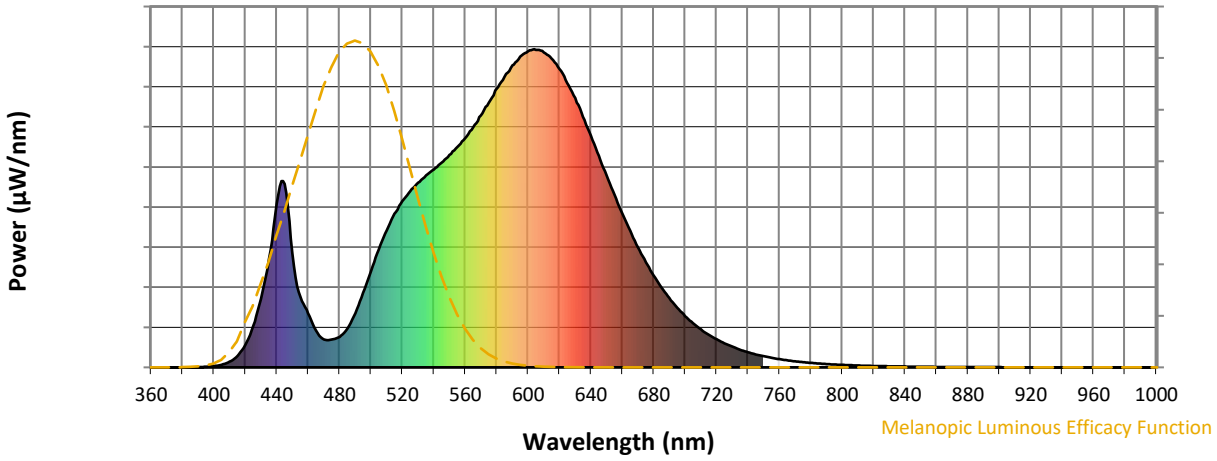


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

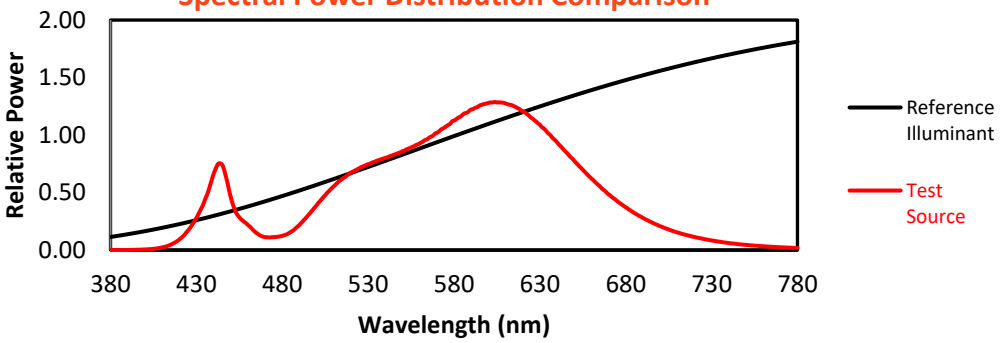
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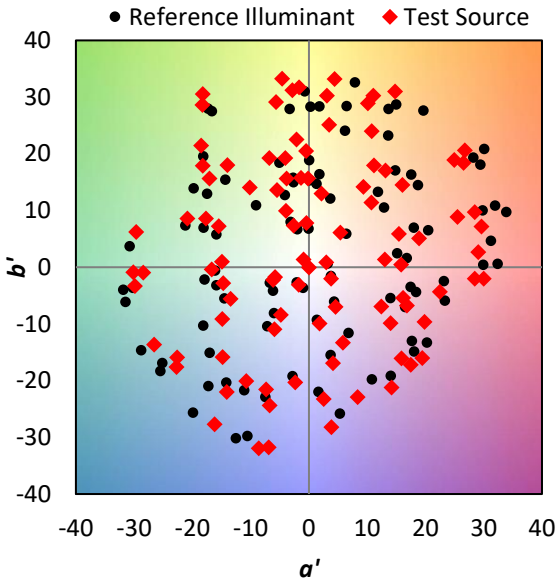
Summary

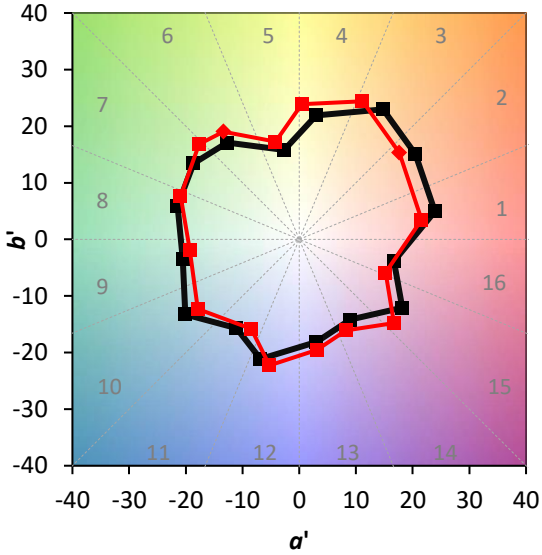
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

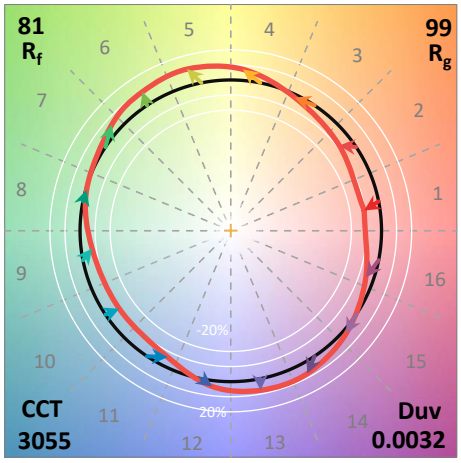
Spectral Power Distribution Comparison

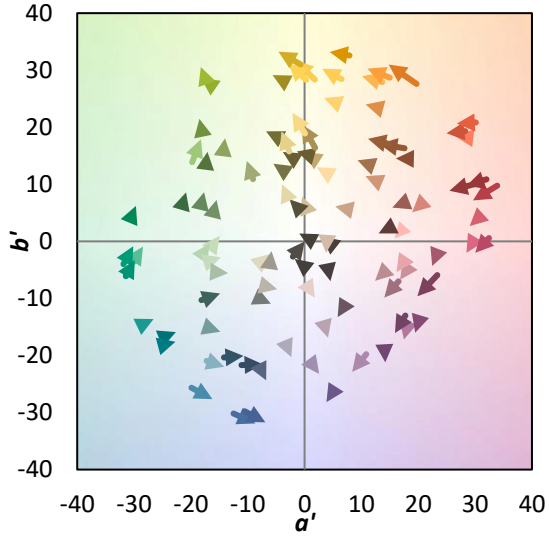


Color Vector Graphics







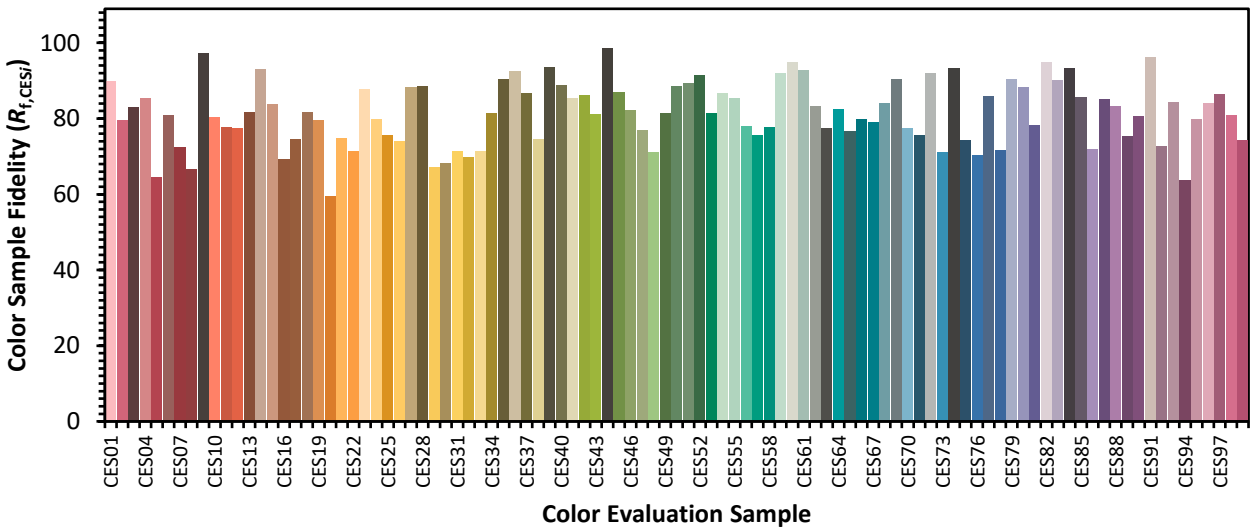


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Individual Sample Fidelity Index ($R_{f,i}$)

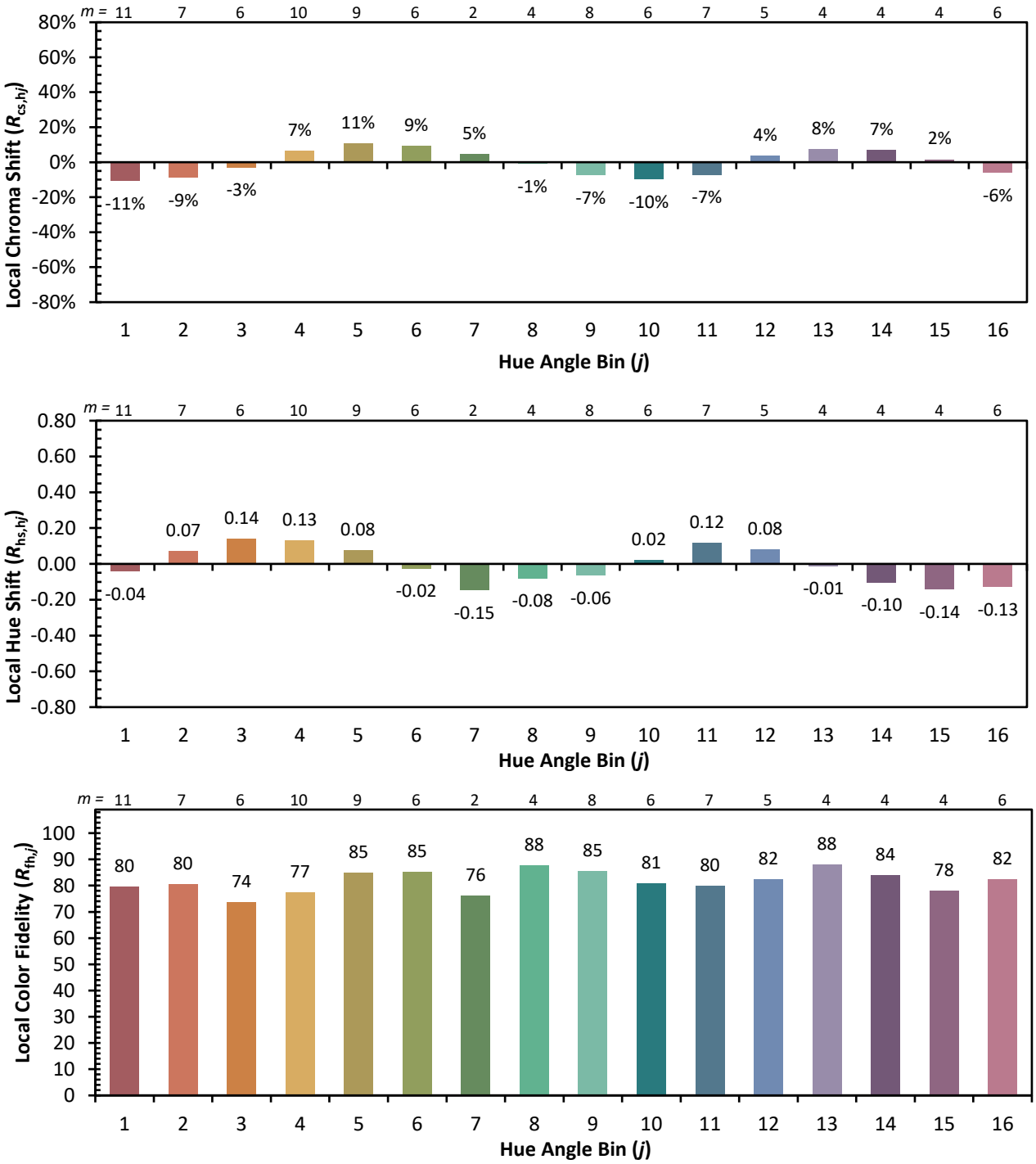
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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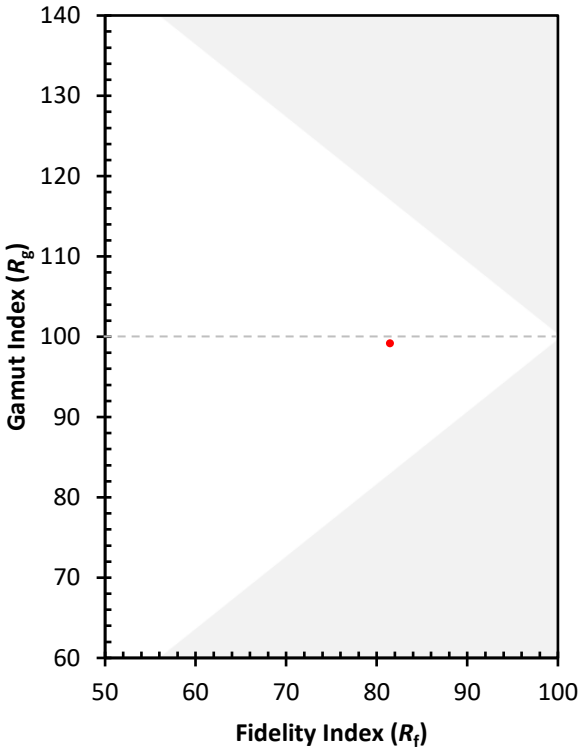
Color Rendition by Hue-Angle Bin

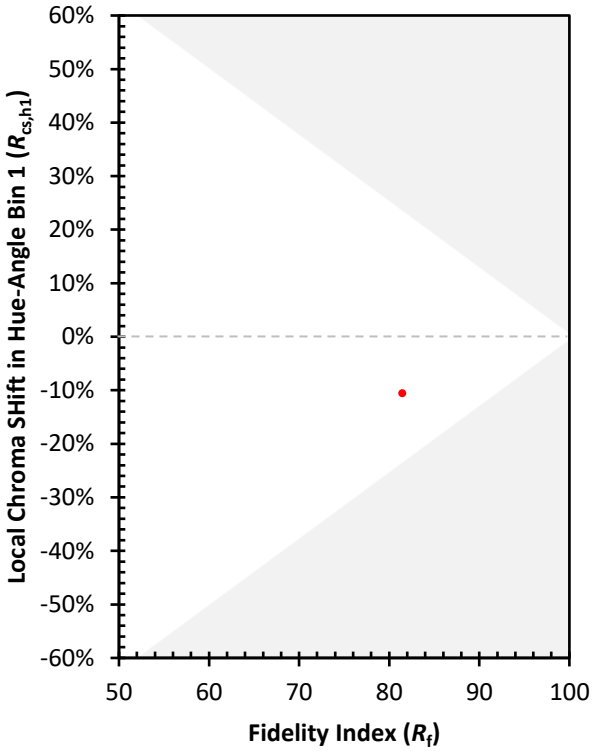


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Measure Comparisons





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