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: P1500810

Luminaire Tested: GSS-SB4B-840-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:	P1500810
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21038.7 lumens
Efficiency:	N/A
Efficacy:	142.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

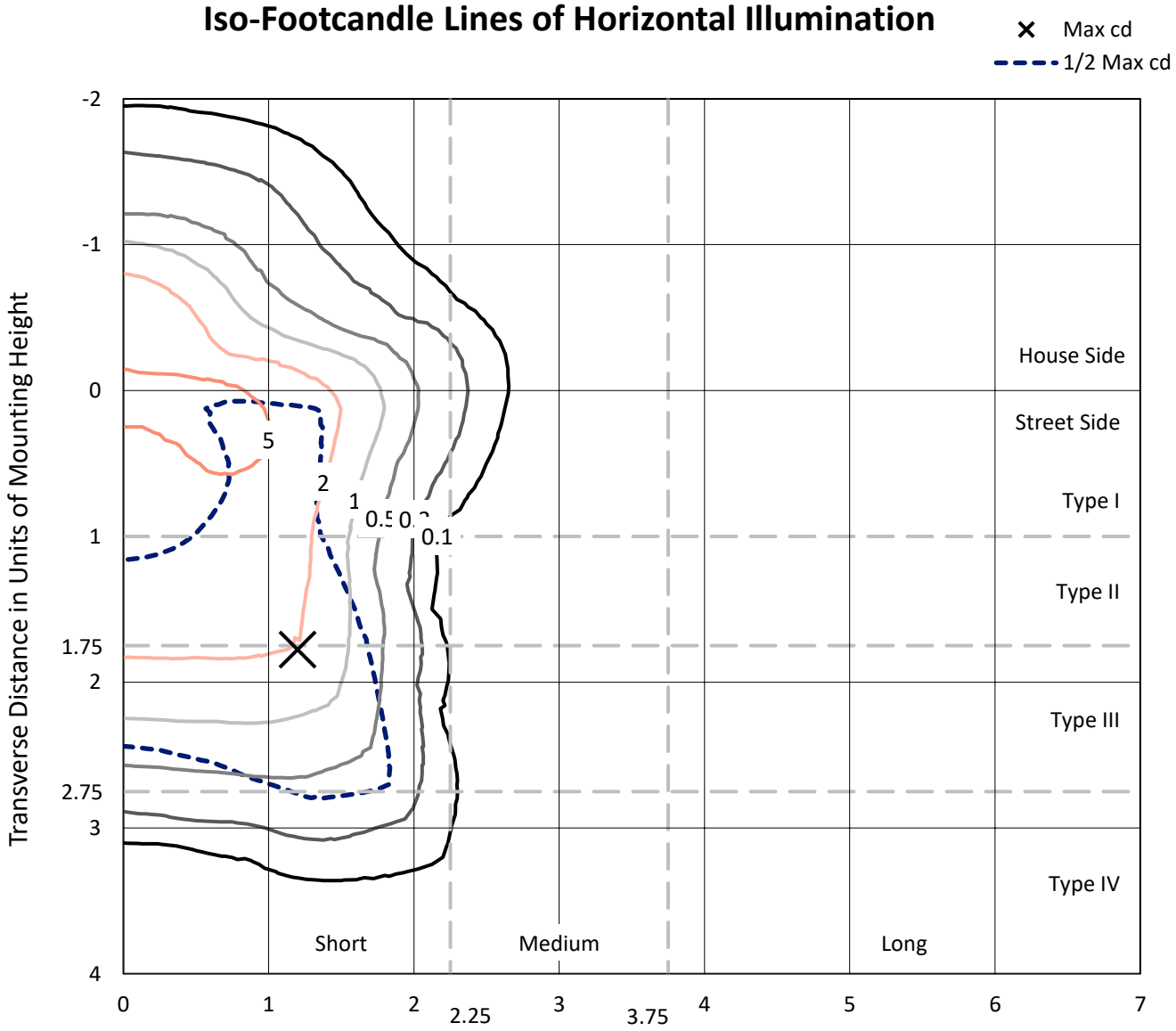
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500810
CATALOG NUMBER: GSS-SB4B-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



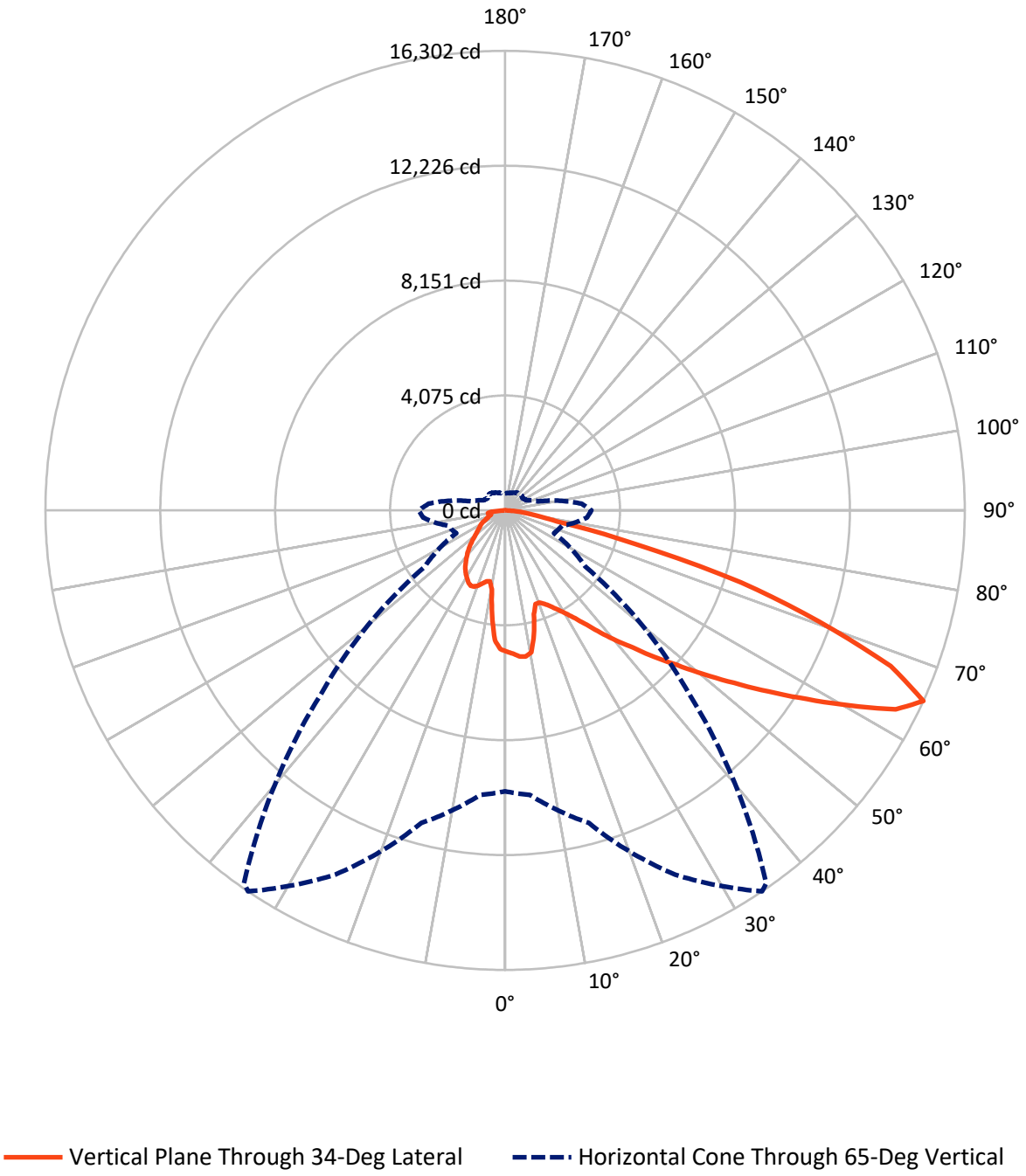
Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1500810
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Luminous Intensity Polar Plot



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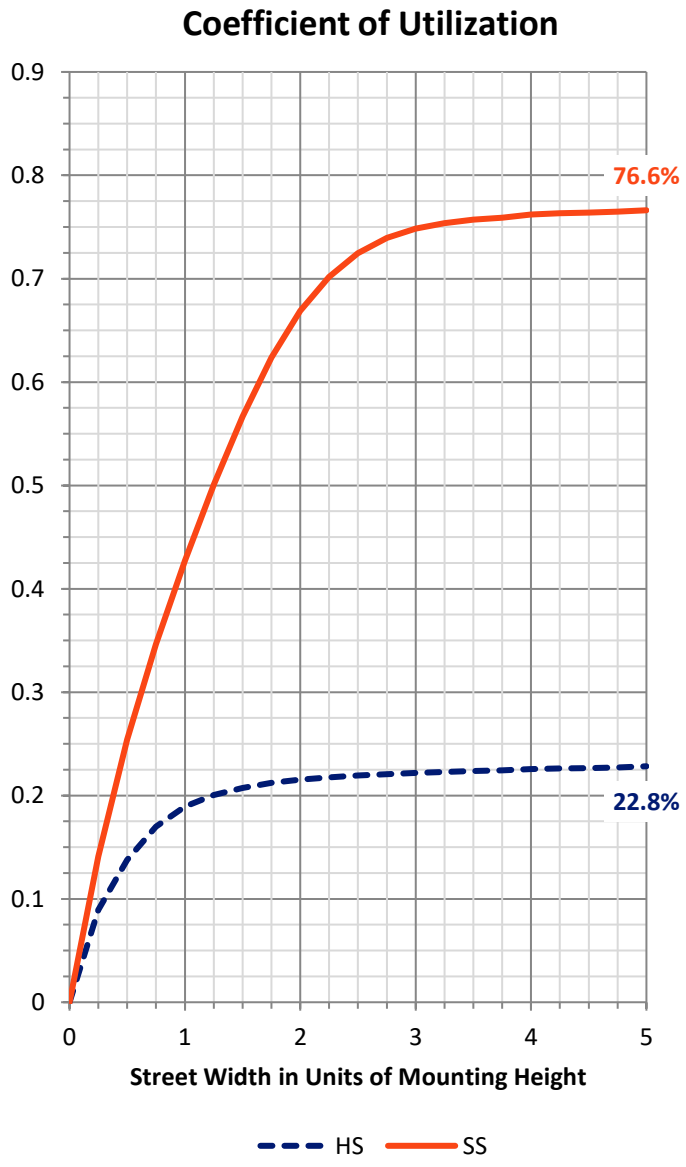
REPORT NUMBER: P1500810
CATALOG NUMBER: GSS-SB4B-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4894.8	0.0	4894.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	16143.9	0.0	16143.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	21038.7	0.0	21038.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	450.9	2.1
10°-20°	1135.0	5.4
20°-30°	1881.3	8.9
30°-40°	2829.4	13.4
40°-50°	3963.9	18.8
50°-60°	4997.8	23.8
60°-70°	4298.5	20.4
70°-80°	1278.0	6.1
80°-90°	203.9	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°	21038.7	100.0
0°-180°	21038.7	100.0



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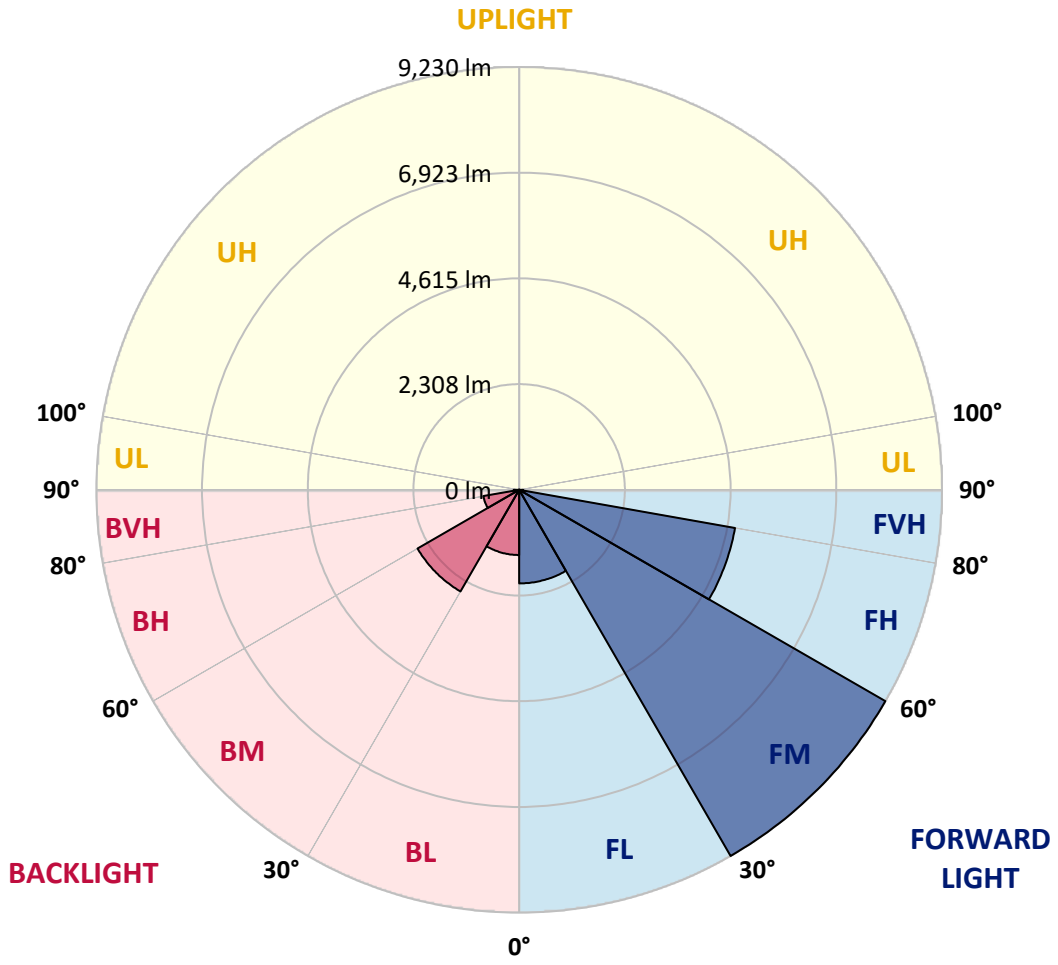
Scaled Data Report

REPORT NUMBER: P1500810
CATALOG NUMBER: GSS-SB4B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2043.0	9.7			
FM	(30°-60°)	9230.3	43.9			
FH	(60°-80°)	4784.3	22.7			G2/5000
FVH	(80°-90°)	86.3	0.4			G1/100
BL	(0°-30°)	1424.2	6.8	B3/2500		
BM	(30°-60°)	2560.8	12.2	B3/5000		
BH	(60°-80°)	792.2	3.8	B2/1000		G2/1000
BVH	(80°-90°)	117.6	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°	5002.0	5002.0	5002.0	5002.0	*5002.0*	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0
2.5°	5097.3	5125.9	5092.6	5078.3	*5083.0*	5087.8	5064.0	5068.7	5040.2	5040.2	5016.3
5°	5206.9	5211.7	5192.6	5206.9	*5202.1*	5197.4	5197.4	5192.6	5130.7	5116.4	5092.6
7.5°	5145.0	5164.0	5173.5	5225.9	*5240.2*	5268.8	5287.9	5297.4	5249.8	5211.7	5149.7
10°	4578.1	4592.4	4701.9	4940.1	*5121.1*	5154.5	5330.7	5430.8	5397.4	5378.4	5273.6
12.5°	3658.6	3682.5	3806.3	4116.0	*4539.9*	4630.5	5192.6	5530.8	5607.1	5611.8	5459.4
15°	3263.2	3263.2	3301.3	3477.6	*3820.6*	3892.1	4721.0	5559.4	5831.0	5864.3	5678.5
17.5°	3182.3	3177.5	3201.3	3306.1	*3487.1*	3530.0	4177.9	5411.7	6097.7	6154.9	5916.7
20°	3177.5	3163.2	3210.8	3329.9	*3487.1*	3525.2	3925.4	5154.5	6307.3	6488.4	6154.9
22.5°	3182.3	3182.3	3248.9	3420.4	*3601.5*	3634.8	3973.1	4940.1	6478.8	6836.1	6407.4
25°	3234.7	3225.1	3320.4	3530.0	*3777.7*	3801.6	4168.4	4930.6	6626.5	7226.8	6712.3
27.5°	3320.4	3325.2	3453.8	3706.3	*3987.3*	4035.0	4439.9	5135.4	6807.5	7655.5	7007.6
30°	3501.4	3506.2	3658.6	3915.9	*4239.8*	4301.8	4754.3	5440.3	7064.8	8117.6	7326.8
32.5°	3706.3	3730.1	3915.9	4216.0	*4563.8*	4597.1	5140.2	5897.6	7450.7	8579.7	7669.8
35°	4049.3	4073.1	4282.7	4597.1	*4983.0*	5030.6	5611.8	6426.4	7922.3	9046.6	7936.6
37.5°	4492.3	4511.4	4716.2	5097.3	*5507.0*	5554.6	6135.8	6988.6	8398.7	9418.1	8174.8
40°	5021.1	5064.0	5283.1	5654.7	*6069.1*	6097.7	6707.5	7531.6	8913.2	9675.4	8270.0
42.5°	5597.5	5640.4	5864.3	6274.0	*6655.1*	6740.8	7326.8	8108.1	9332.4	9789.7	8193.8
45°	6335.9	6326.4	6536.0	6964.7	*7412.6*	7445.9	7989.0	8584.5	9584.9	9694.4	8117.6
47.5°	7231.5	7241.1	7374.4	7722.2	*8184.3*	8260.5	8679.7	8994.1	9732.5	9618.2	8031.9
50°	8241.5	8265.3	8379.6	8632.1	*9127.5*	9179.9	9303.8	9280.0	9823.1	9456.2	8065.2
52.5°	9251.4	9265.7	9418.1	9684.9	*10166.1*	10204.2	9932.6	9499.1	9484.8	8803.6	7993.7
55°	10080.3	10075.5	10347.1	10756.8	*11342.7*	11318.9	10551.9	9332.4	8427.3	7788.9	7674.6
57.5°	10799.6	10828.2	11180.8	11890.6	*12629.0*	12609.9	11214.1	8451.1	6883.8	6588.4	7155.3
60°	11447.5	11514.2	12176.4	13238.7	*14053.4*	13939.0	11333.2	7122.0	5354.6	5159.2	6126.3
62.5°	11166.5	11290.3	12352.7	14424.9	*15544.4*	15292.0	10599.6	5516.5	3625.3	3449.0	4330.3
65°	*9966.0*	*10132.7*	*11480.9*	*14253.4*	*16301.9*	*16144.7*	*9265.7*	*3468.1*	*1910.3*	*2096.1*	*2915.5*
67.5°	8370.1	8570.2	10027.9	12805.2	*14748.9*	14410.6	7198.2	1824.6	890.8	1381.5	1810.3
70°	4587.6	5083.0	7250.6	10890.2	*11814.3*	11342.7	4163.6	862.3	647.9	862.3	1081.4
72.5°	1724.5	1843.6	3144.1	7322.0	*8751.2*	8170.0	1581.6	557.4	543.1	638.4	781.3
75°	828.9	886.1	1367.2	3329.9	*4778.1*	4454.2	776.5	414.5	466.9	500.2	566.9
77.5°	495.4	533.6	852.7	1934.1	*1881.7*	1729.3	476.4	319.2	376.3	357.3	333.5
80°	295.4	328.7	519.3	1100.4	*1133.8*	1005.2	290.6	223.9	262.0	228.7	204.8
82.5°	171.5	185.8	271.5	495.4	*719.3*	662.2	166.7	133.4	190.6	152.4	114.3
85°	85.7	90.5	123.9	214.4	*357.3*	271.5	71.5	61.9	90.5	66.7	38.1
87.5°	19.1	19.1	19.1	23.8	*33.3*	33.3	9.5	4.8	4.8	4.8	4.8
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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Scaled Data Report

REPORT NUMBER: P1500810
CATALOG NUMBER: GSS-SB4B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0	5002.0
2.5°	5011.6	5021.1	4987.8	4949.6	4940.1	4911.5	4921.1	4902.0	4873.4	4878.2	4882.9
5°	5059.2	5040.2	4973.5	4887.7	4811.5	4725.7	4625.7	4511.4	4430.4	4397.0	4425.6
7.5°	5102.1	5083.0	4968.7	4778.1	4520.9	4163.6	3792.0	3453.8	3220.4	3134.6	3153.7
10°	5221.2	5145.0	4935.3	4520.9	3906.4	3229.9	2853.5	2643.9	2572.5	2534.4	2539.1
12.5°	5378.4	5273.6	4873.4	4073.1	3144.1	2715.4	2582.0	2534.4	2510.5	2501.0	2510.5
15°	5568.9	5407.0	4725.7	3511.0	2791.6	2624.9	2596.3	2601.1	2601.1	2605.8	2605.8
17.5°	5735.7	5483.2	4459.0	3106.0	2720.2	2672.5	2701.1	2724.9	2724.9	2729.7	2724.9
20°	5888.1	5521.3	4116.0	2934.5	2734.5	2758.3	2825.0	2848.8	2853.5	2848.8	2848.8
22.5°	6050.1	5545.1	3773.0	2839.3	2767.8	2839.3	2910.7	2944.1	2953.6	2958.4	2963.1
25°	6207.3	5497.5	3491.9	2763.0	2753.5	2853.5	2934.5	2977.4	2986.9	2986.9	2991.7
27.5°	6364.5	5483.2	3301.3	2663.0	2686.8	2767.8	2863.1	2920.2	2958.4	2963.1	2967.9
30°	6545.5	5440.3	3120.3	2529.6	2539.1	2639.2	2739.2	2839.3	2915.5	2948.8	2948.8
32.5°	6669.4	5397.4	2958.4	2386.7	2386.7	2491.5	2615.4	2739.2	2848.8	2915.5	2929.8
35°	6788.5	5359.3	2815.4	2243.8	2248.5	2348.6	2477.2	2610.6	2748.7	2829.7	2867.8
37.5°	6850.4	5321.2	2715.4	2134.2	2115.1	2220.0	2305.7	2415.3	2563.0	2696.3	2729.7
40°	6864.7	5321.2	2705.9	2058.0	1977.0	2096.1	2134.2	2210.4	2343.8	2486.7	2539.1
42.5°	6769.4	5268.8	2753.5	2010.3	1834.1	1919.8	1962.7	2000.8	2086.6	2205.7	2248.5
45°	6655.1	5197.4	2796.4	1943.7	1657.8	1724.5	1791.2	1796.0	1834.1	1862.7	1891.2
47.5°	6559.8	5121.1	2720.2	1819.8	1476.8	1524.4	1595.9	1595.9	1576.8	1519.7	1500.6
50°	6636.0	5145.0	2591.5	1643.5	1310.1	1343.4	1419.6	1376.8	1333.9	1214.8	1200.5
52.5°	6702.7	5235.5	2439.1	1472.0	1167.1	1200.5	1276.7	1210.0	1124.3	1029.0	1014.7
55°	6593.2	5240.2	2158.0	1281.5	1067.1	1095.7	1167.1	1086.2	1005.2	948.0	938.5
57.5°	6264.5	5097.3	1862.7	1133.8	981.4	1009.9	1076.6	995.6	919.4	914.7	938.5
60°	5540.4	4597.1	1591.1	1038.5	900.4	933.7	1000.4	914.7	814.6	771.7	786.0
62.5°	4182.7	3534.8	1362.5	929.0	824.1	867.0	914.7	776.5	690.8	671.7	652.6
65°	*3058.4*	*2715.4*	*1224.3*	*843.2*	*752.7*	*805.1*	*767.0*	*690.8*	*633.6*	*614.5*	*605.0*
67.5°	1977.0	1843.6	1052.8	762.2	686.0	728.9	676.5	638.4	576.4	566.9	581.2
70°	1210.0	1252.9	881.3	671.7	619.3	609.8	619.3	581.2	514.5	528.8	547.8
72.5°	857.5	924.2	757.5	586.0	528.8	509.7	552.6	528.8	481.1	495.4	514.5
75°	614.5	686.0	624.1	481.1	447.8	438.3	514.5	528.8	495.4	505.0	519.3
77.5°	362.1	438.3	443.0	371.6	338.2	390.6	547.8	609.8	586.0	557.4	543.1
80°	233.4	262.0	314.4	238.2	238.2	338.2	600.2	743.2	638.4	566.9	557.4
82.5°	119.1	138.2	204.8	152.4	142.9	252.5	590.7	709.8	705.0	628.8	614.5
85°	33.3	42.9	95.3	66.7	57.2	133.4	443.0	533.6	476.4	347.8	352.5
87.5°	4.8	4.8	0.0	0.0	4.8	19.1	52.4	9.5	9.5	9.5	9.5
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

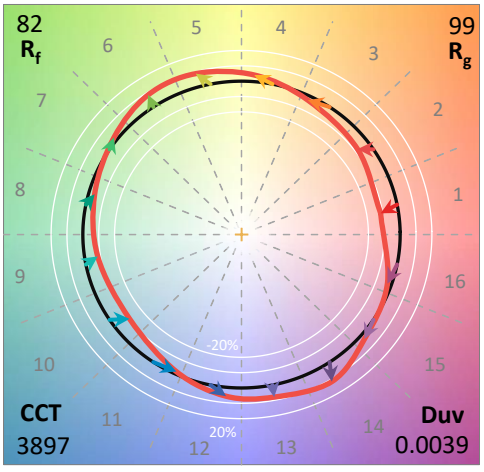
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

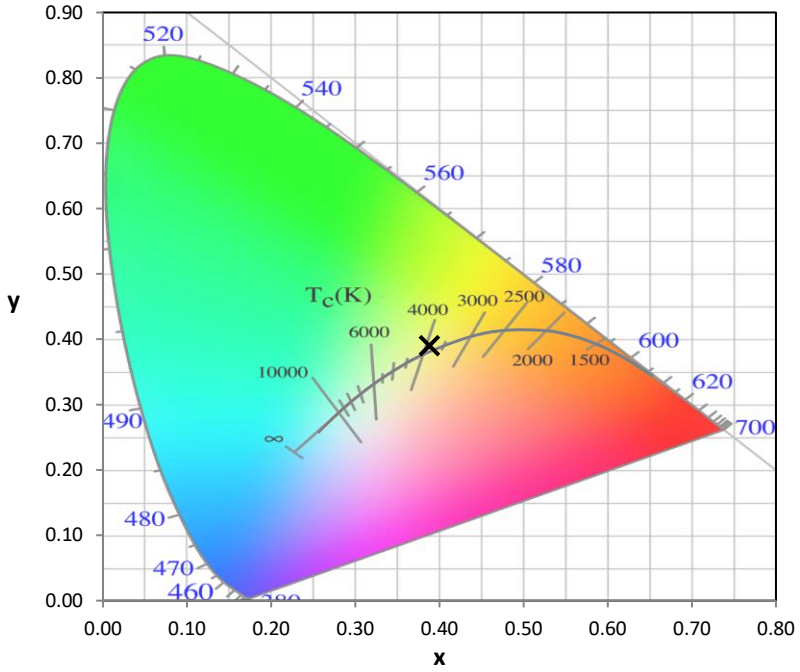
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

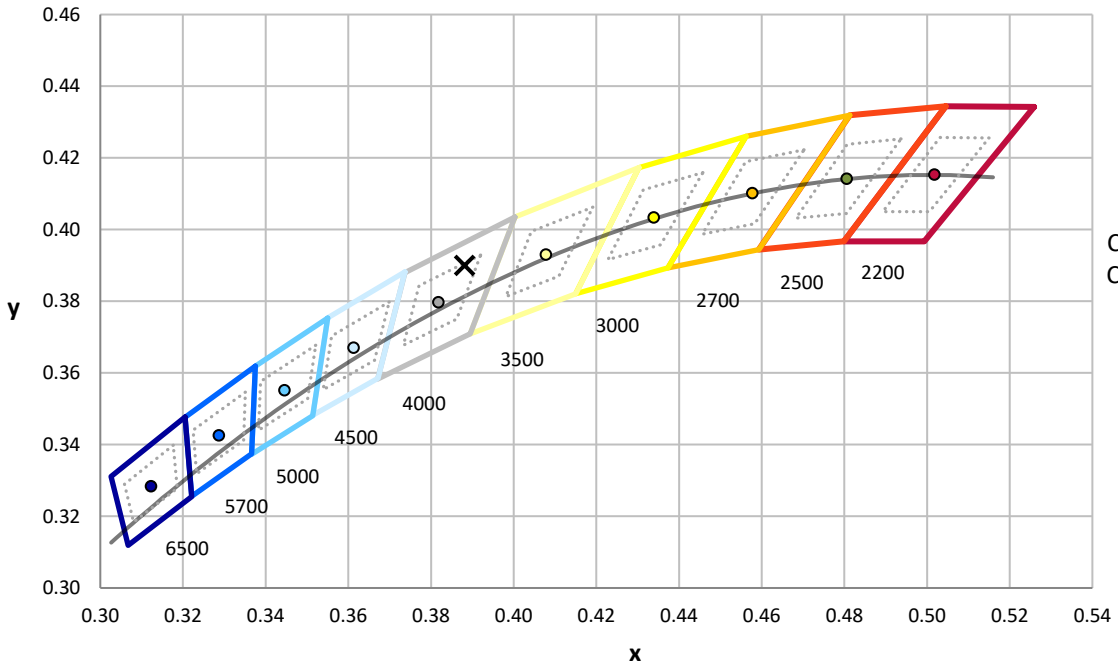
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

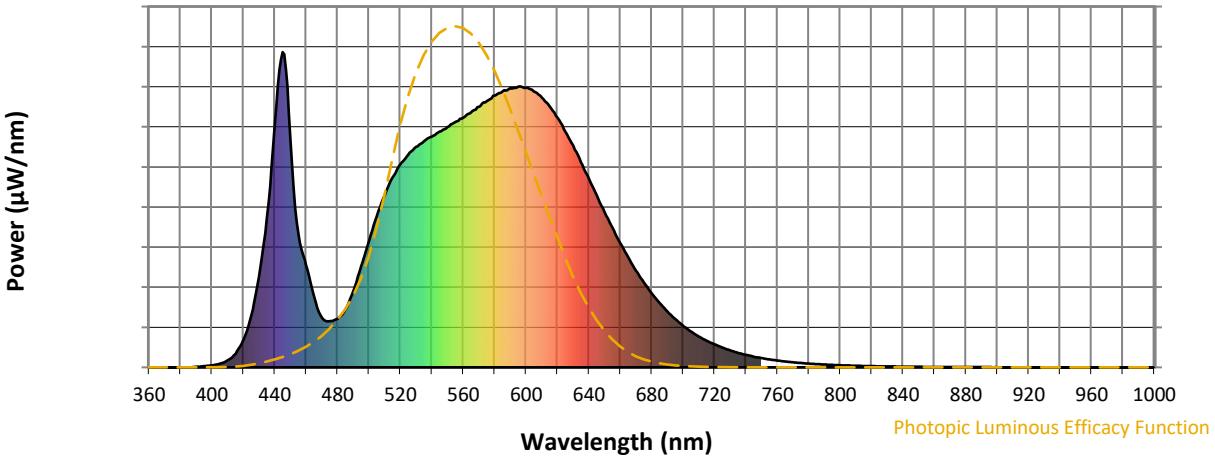


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

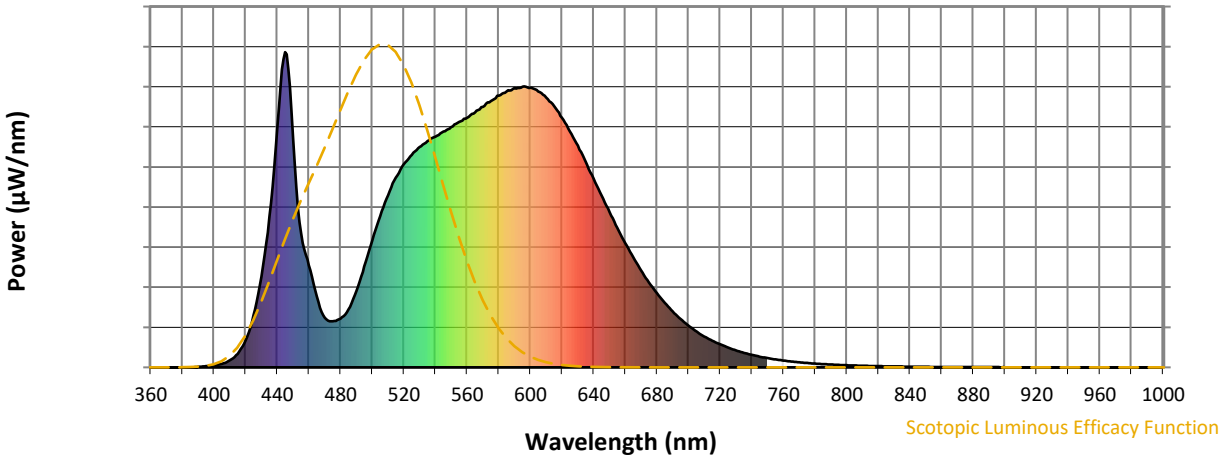


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

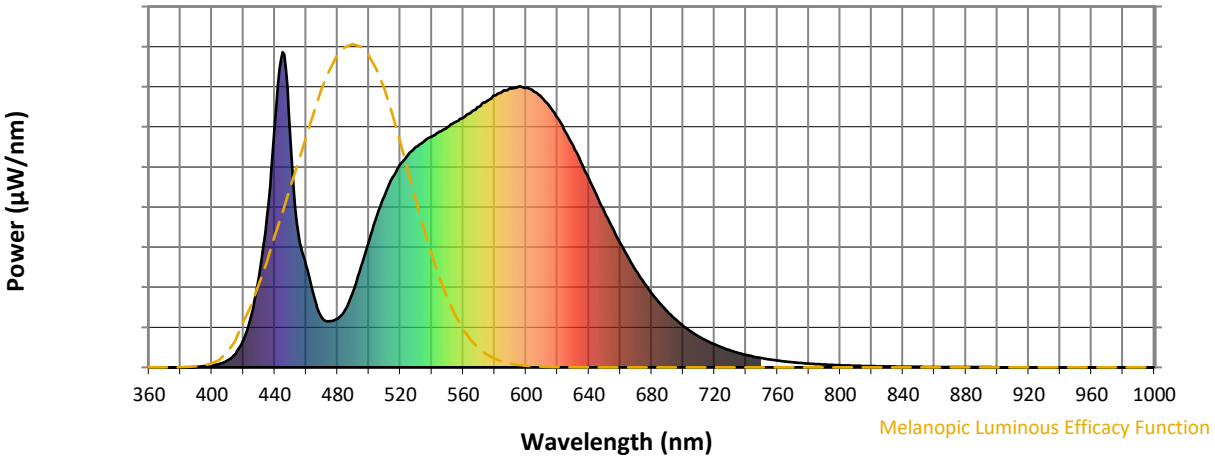


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

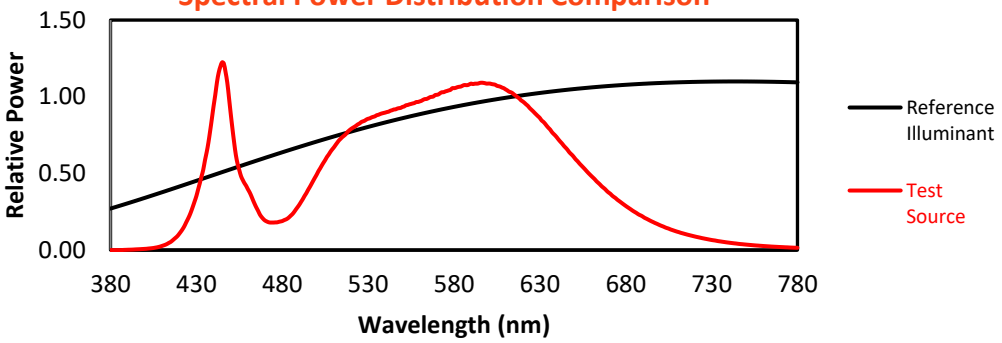
REPORT NUMBER: SP1-2407-184-11

TM-30-18

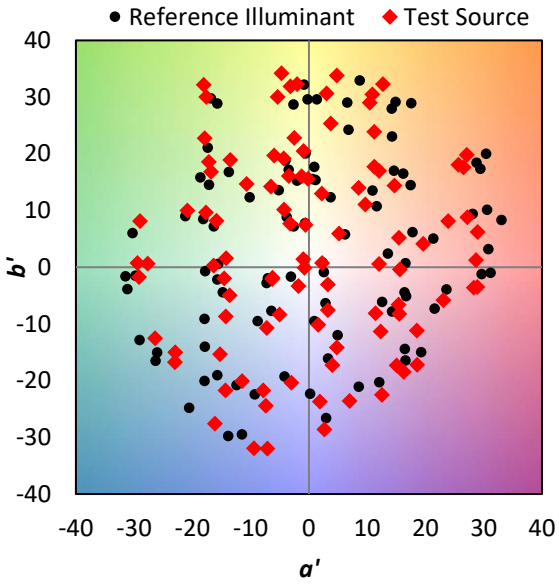
Summary

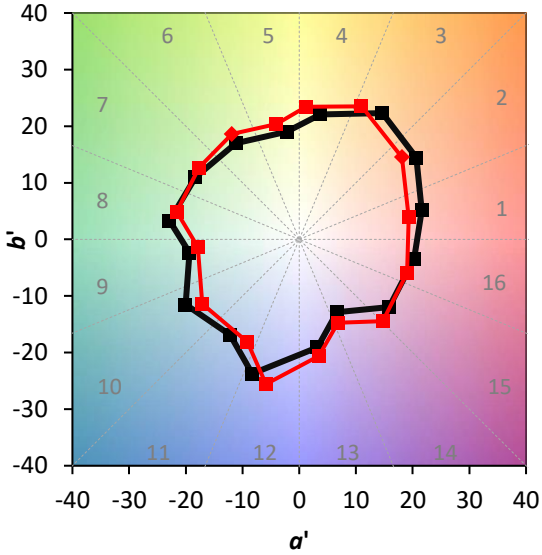
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

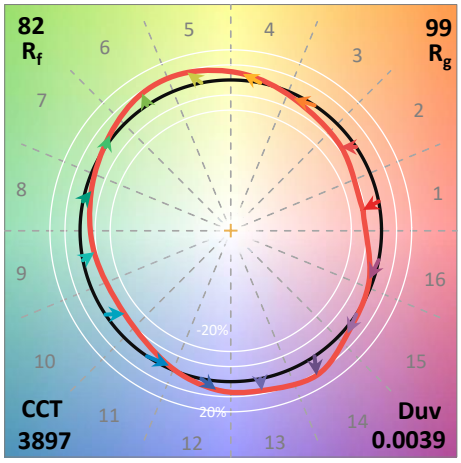
Spectral Power Distribution Comparison

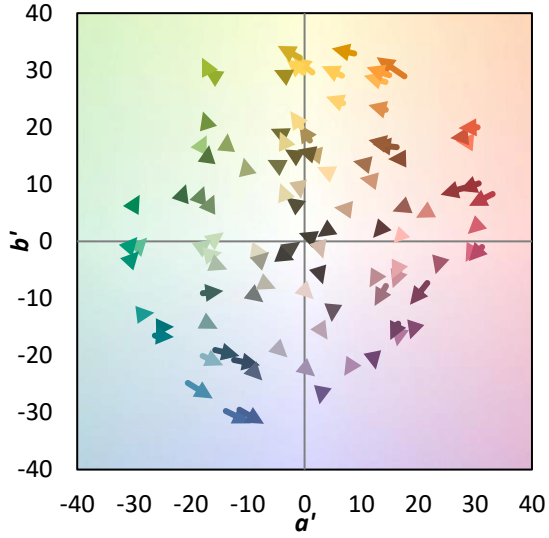


Color Vector Graphics







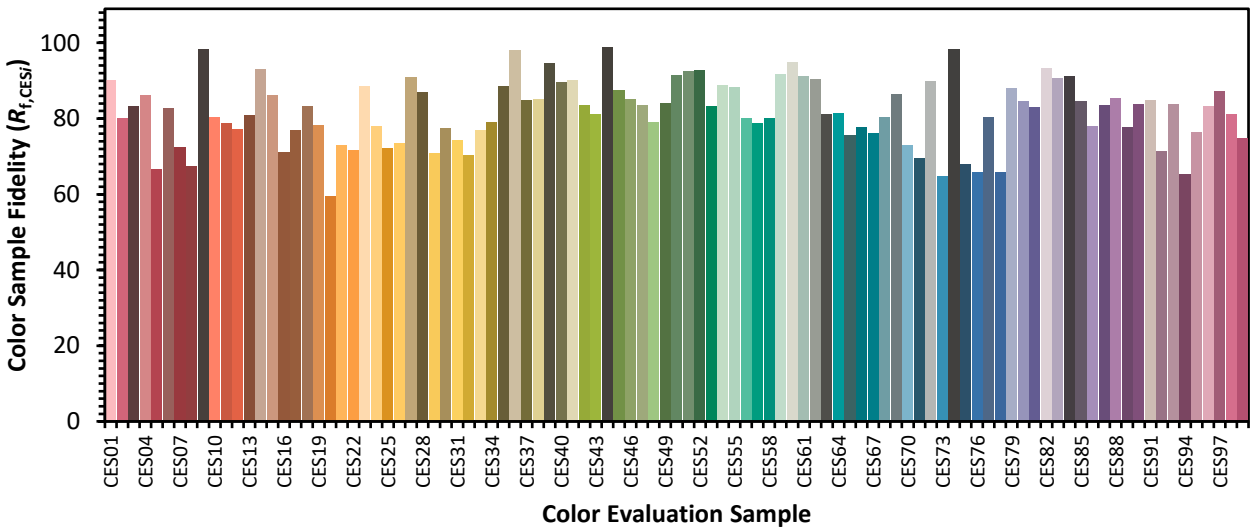


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

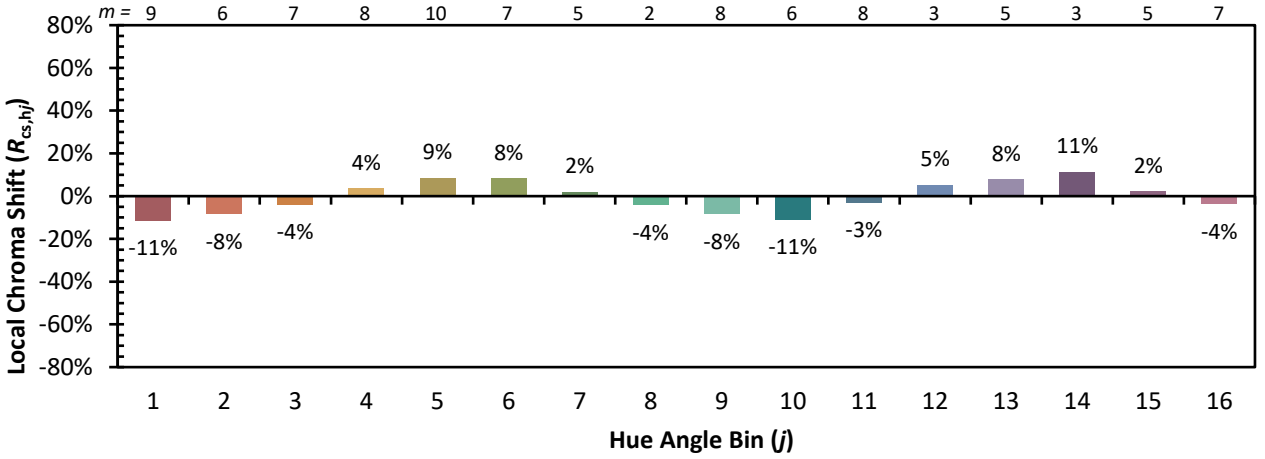
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

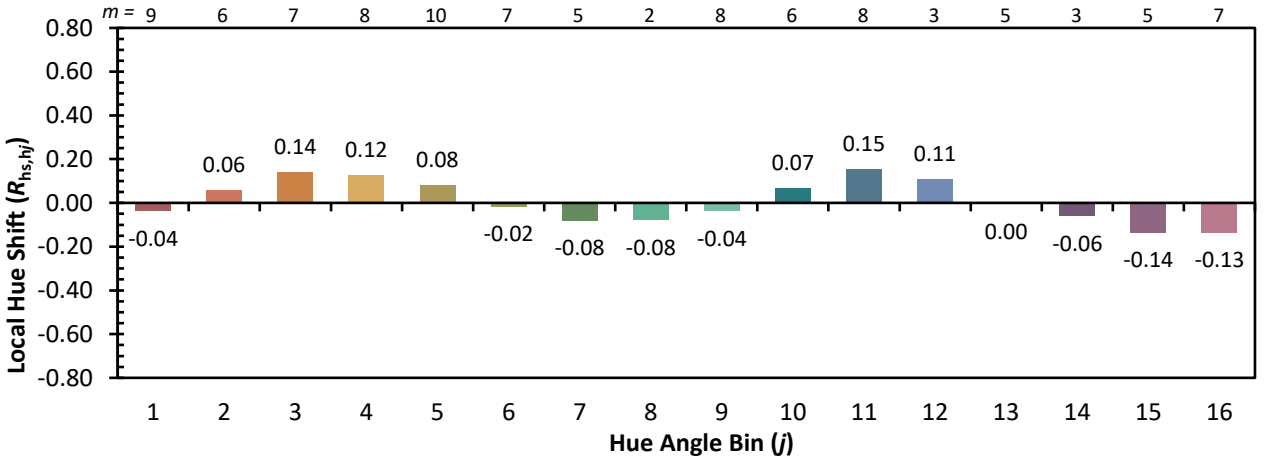


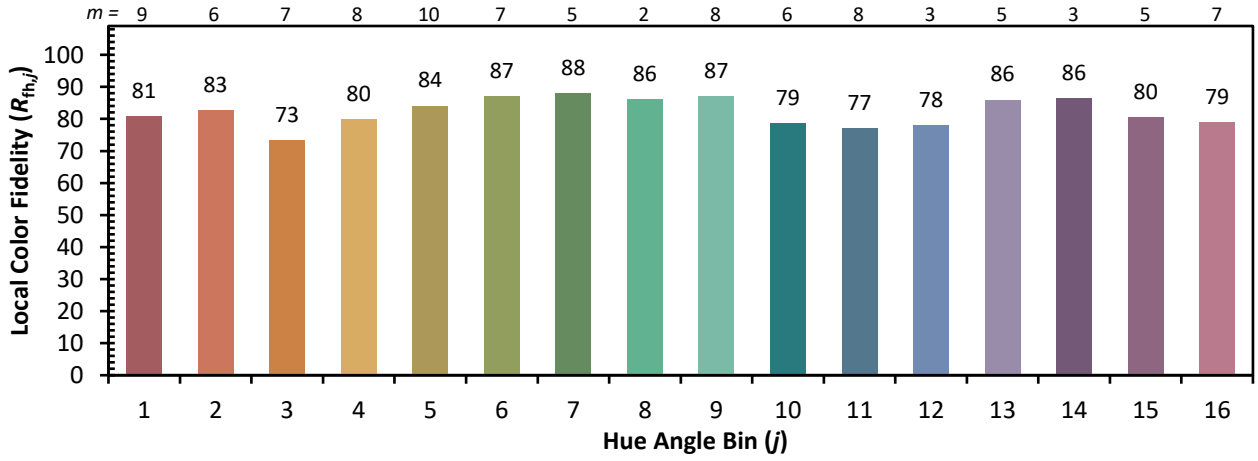
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



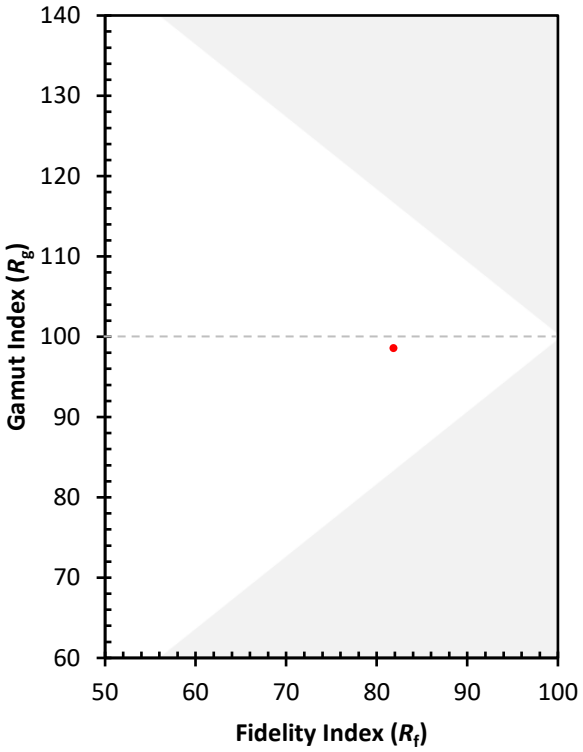


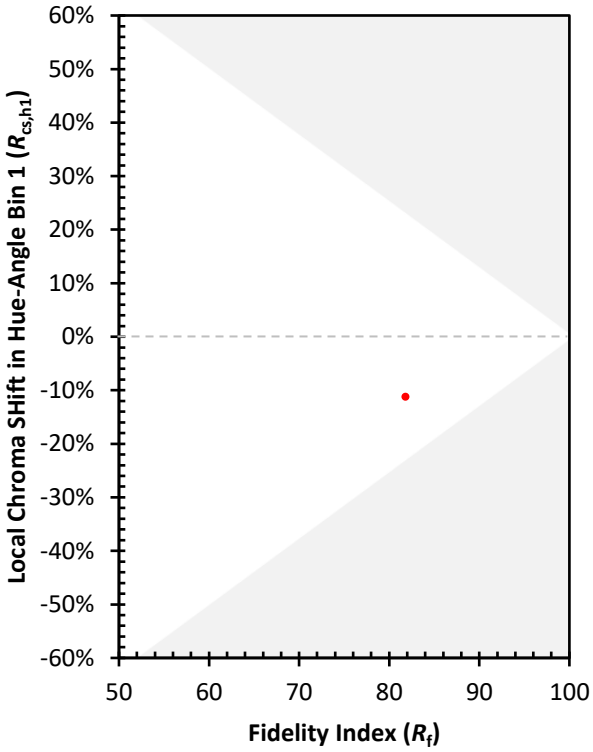


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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