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: P1367203

Luminaire Tested: **GSS-SB4A-740-U-T4W**

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:	P1367203
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-T4W
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17622.5 lumens
Efficiency:	N/A
Efficacy:	154.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

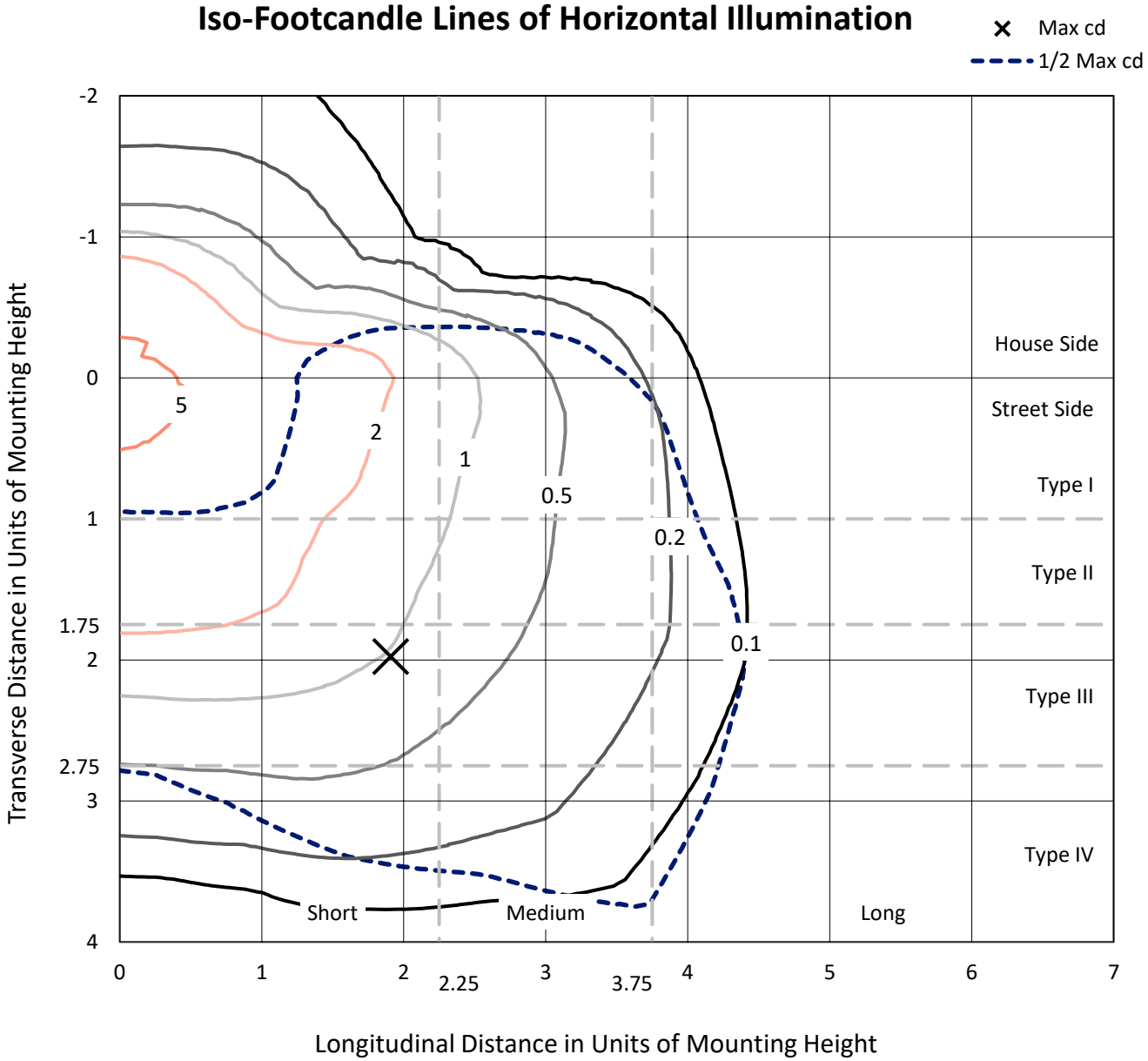
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



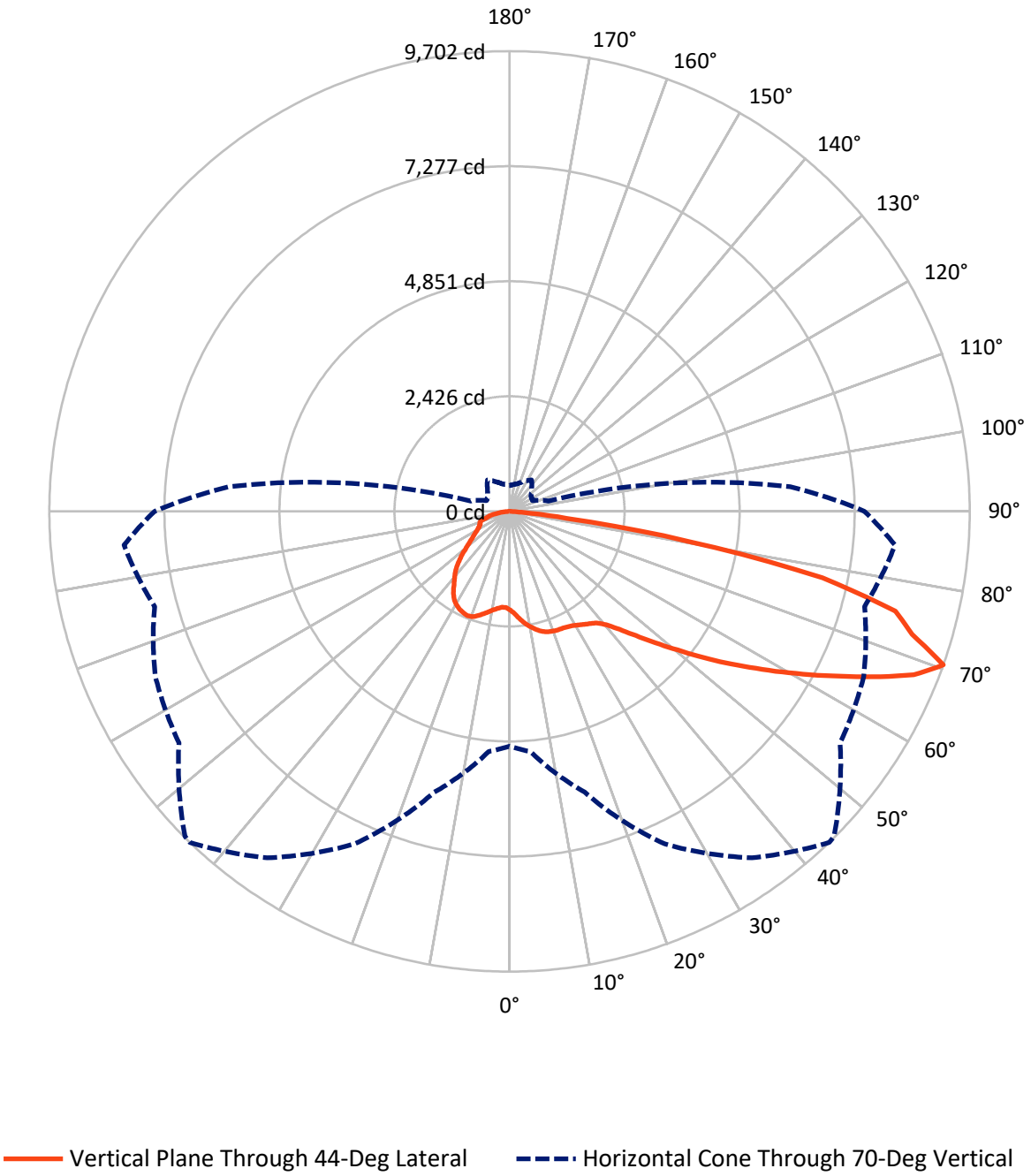
Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

Luminous Intensity Polar Plot



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

Scaled Data Report

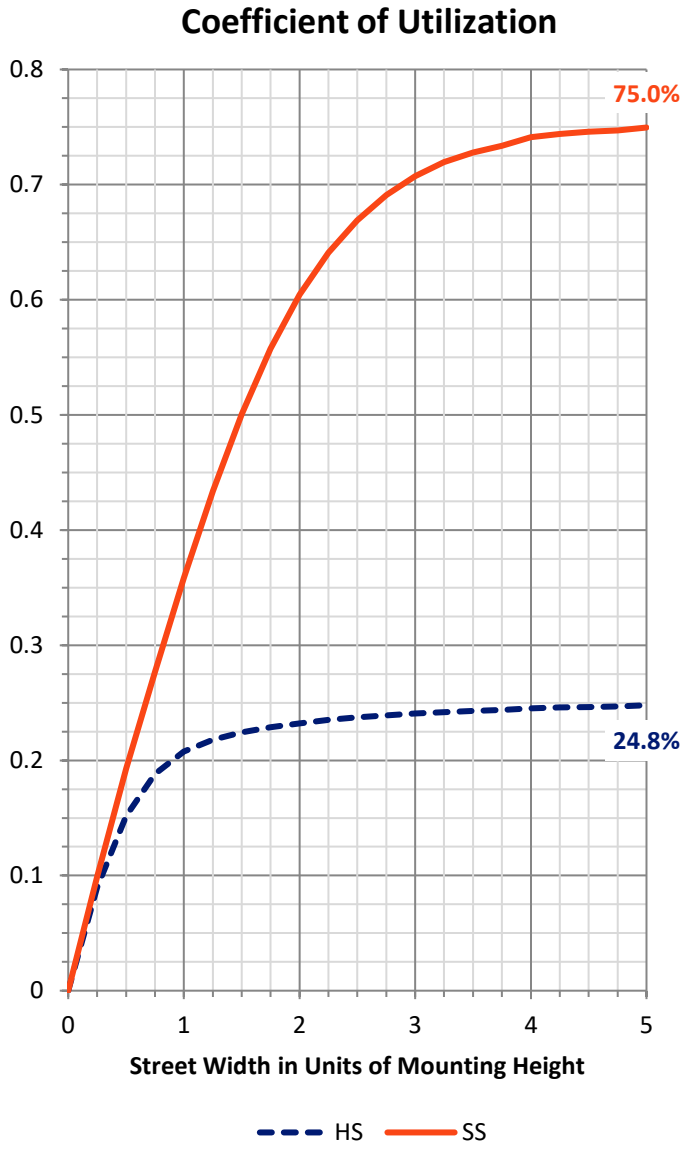
REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4415.7	0.0	4415.7
	% Fixture	25.1	0.0	25.1
Street Side	Lumens	13206.9	0.0	13206.9
	% Fixture	74.9	0.0	74.9
Total	Lumens	17622.5	0.0	17622.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.2	1.2
10°-20°	689.9	3.9
20°-30°	1187.1	6.7
30°-40°	1673.5	9.5
40°-50°	2315.7	13.1
50°-60°	3439.1	19.5
60°-70°	4596.2	26.1
70°-80°	3242.3	18.4
80°-90°	268.5	1.5
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°	17622.5	100.0
0°-180°	17622.5	100.0



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

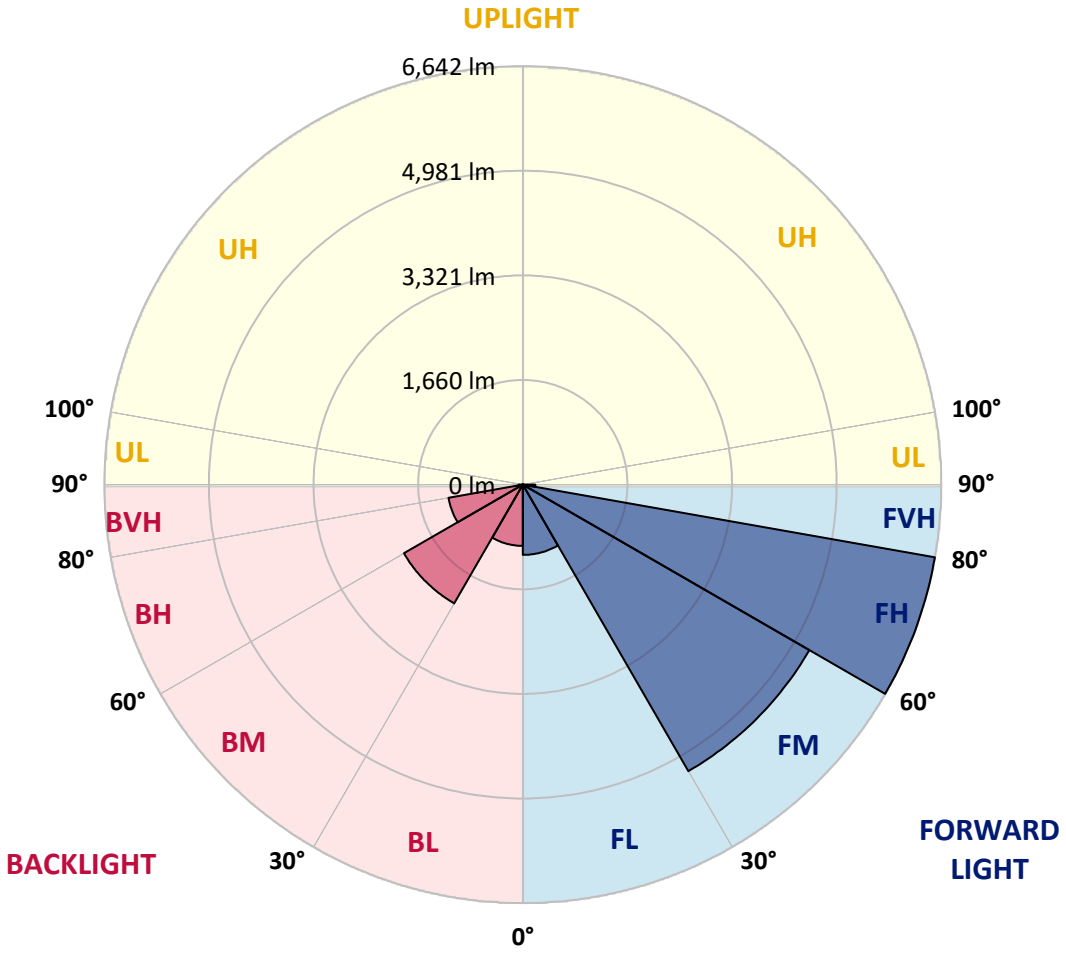
Scaled Data Report

REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1115.3	6.3			
FM	(30°-60°)	5251.1	29.8			
FH	(60°-80°)	6641.8	37.7			G3/7500
FVH	(80°-90°)	198.7	1.1			G2/225
BL	(0°-30°)	971.9	5.5	B2/1000		
BM	(30°-60°)	2177.2	12.4	B2/2500		
BH	(60°-80°)	1196.7	6.8	B3/2500		G3/2500
BVH	(80°-90°)	69.8	0.4			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 IV Short



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

Scaled Data Report

REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	2082.4	2082.4	2082.4	2082.4	2082.4	*2082.4*	2082.4	2082.4	2082.4	2082.4	2082.4
2.5°	2236.4	2223.5	2210.7	2206.4	2189.3	*2163.7*	2163.7	2155.1	2133.7	2116.6	2103.8
5°	2381.7	2386.0	2364.6	2347.5	2321.9	*2279.1*	2283.4	2244.9	2202.1	2155.1	2120.9
7.5°	2522.8	2522.8	2497.2	2475.8	2441.6	*2390.3*	2390.3	2330.4	2279.1	2215.0	2167.9
10°	2651.1	2642.6	2608.4	2582.7	2535.7	*2480.1*	2475.8	2415.9	2351.8	2279.1	2215.0
12.5°	2749.5	2749.5	2715.3	2672.5	2621.2	*2561.3*	2557.1	2492.9	2428.8	2351.8	2274.8
15°	2843.5	2822.2	2792.2	2736.6	2676.8	*2629.7*	2621.2	2565.6	2501.5	2433.0	2347.5
17.5°	2877.8	2869.2	2830.7	2775.1	2719.5	*2668.2*	2668.2	2616.9	2569.9	2501.5	2415.9
20°	2869.2	2856.4	2822.2	2775.1	2732.4	*2689.6*	2689.6	2651.1	2625.5	2561.3	2484.4
22.5°	2826.4	2813.6	2792.2	2749.5	2728.1	*2702.4*	2702.4	2681.1	2672.5	2634.0	2561.3
25°	2813.6	2805.1	2775.1	2736.6	2715.3	*2711.0*	2715.3	2719.5	2728.1	2698.2	2638.3
27.5°	2822.2	2822.2	2796.5	2758.0	2732.4	*2736.6*	2740.9	2766.6	2792.2	2775.1	2723.8
30°	2877.8	2864.9	2847.8	2809.3	2779.4	*2783.7*	2783.7	2835.0	2860.6	2839.3	2800.8
32.5°	2971.8	2959.0	2933.3	2852.1	2822.2	*2843.5*	2852.1	2894.9	2912.0	2890.6	2873.5
35°	3189.9	3202.7	3117.2	2971.8	2890.6	*2907.7*	2916.2	2946.2	2967.5	2959.0	2941.9
37.5°	3587.6	3591.8	3484.9	3224.1	3036.0	*2984.7*	2988.9	3031.7	3057.3	3027.4	3014.6
40°	4083.6	4087.9	3938.2	3583.3	3266.9	*3138.6*	3134.3	3142.9	3181.3	3130.0	3121.5
42.5°	4622.4	4562.5	4434.2	4028.0	3608.9	*3395.1*	3356.7	3331.0	3378.0	3313.9	3271.1
45°	5135.5	5092.7	4917.4	4498.4	4019.4	*3733.0*	3694.5	3566.2	3643.2	3591.8	3514.9
47.5°	5563.1	5528.9	5396.3	5007.2	4485.5	*4139.2*	4079.3	3878.3	4015.2	3989.5	3895.4
50°	5879.5	5845.3	5755.5	5516.0	5075.6	*4592.4*	4536.8	4293.1	4434.2	4481.3	4408.6
52.5°	6110.4	6101.9	6067.7	6029.2	5674.3	*5118.4*	5054.2	4750.6	4981.5	5071.3	5050.0
55°	6461.0	6443.9	6456.8	6520.9	6315.7	*5678.5*	5584.5	5229.6	5546.0	5712.7	5747.0
57.5°	6794.6	6794.6	6905.7	7072.5	7046.9	*6281.5*	6170.3	5789.7	6230.1	6311.4	6473.9
60°	7106.7	7136.7	7290.6	7658.3	7731.0	*6935.7*	6803.1	6435.4	6880.1	6969.9	7264.9
62.5°	6974.2	7046.9	7538.6	8133.0	8372.4	*7636.9*	7504.4	7145.2	7611.3	7504.4	7769.5
65°	6298.6	6409.7	7170.9	8162.9	8996.7	*8406.6*	8295.4	7944.8	8013.2	7585.6	8051.7
67.5°	5588.7	5751.2	6636.4	7799.4	9159.2	*9193.4*	9095.1	8436.6	8009.0	7671.2	8338.2
70°	*4951.6*	*5084.2*	*6127.5*	*7735.3*	*8915.5*	*9702.3*	*9680.9*	*8509.2*	*8239.9*	*7748.1*	*8158.6*
72.5°	3472.1	3656.0	4725.0	7140.9	8988.2	*8872.7*	8825.7	9018.1	8410.9	7465.9	7230.7
75°	1248.6	1321.3	2450.2	4831.9	7145.2	*8402.3*	8440.8	8355.3	8244.1	6687.7	5434.8
77.5°	372.0	397.7	697.0	1915.7	4006.6	*6743.3*	6807.4	6580.8	6195.9	4032.3	2056.8
80°	201.0	218.1	329.3	560.2	1500.9	*3805.6*	3981.0	3369.5	2232.1	1064.7	461.8
82.5°	98.3	106.9	171.0	273.7	645.7	*1210.1*	1214.4	1077.6	726.9	320.7	171.0
85°	34.2	38.5	55.6	102.6	222.4	*248.0*	248.0	230.9	213.8	158.2	77.0
87.5°	8.6	8.6	12.8	17.1	21.4	*25.7*	25.7	29.9	34.2	38.5	38.5
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1367203
CATALOG NUMBER: GSS-SB4A-740-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4
2.5°	2095.2	2078.1	2065.3	2052.5	2043.9	2026.8	2022.6	2022.6	2018.3	2022.6	2018.3
5°	2108.1	2082.4	2061.0	2043.9	2035.4	2026.8	2026.8	2031.1	2026.8	2031.1	2026.8
7.5°	2133.7	2116.6	2095.2	2069.6	2065.3	2061.0	2065.3	2073.9	2078.1	2082.4	2073.9
10°	2185.0	2159.4	2129.5	2116.6	2108.1	2103.8	2116.6	2133.7	2138.0	2146.6	2138.0
12.5°	2244.9	2215.0	2193.6	2163.7	2163.7	2167.9	2180.8	2202.1	2215.0	2227.8	2215.0
15°	2313.3	2283.4	2253.5	2227.8	2223.5	2232.1	2253.5	2274.8	2279.1	2283.4	2274.8
17.5°	2381.7	2351.8	2313.3	2283.4	2279.1	2300.5	2309.0	2309.0	2300.5	2300.5	2287.7
20°	2450.2	2428.8	2390.3	2334.7	2351.8	2360.4	2334.7	2313.3	2300.5	2296.2	2283.4
22.5°	2531.4	2497.2	2454.4	2394.6	2407.4	2373.2	2326.1	2317.6	2304.8	2309.0	2296.2
25°	2608.4	2587.0	2518.6	2441.6	2407.4	2351.8	2321.9	2321.9	2309.0	2317.6	2313.3
27.5°	2698.2	2672.5	2578.4	2467.3	2377.5	2317.6	2313.3	2313.3	2291.9	2296.2	2291.9
30°	2788.0	2749.5	2625.5	2445.9	2304.8	2266.3	2279.1	2274.8	2266.3	2279.1	2287.7
32.5°	2864.9	2835.0	2651.1	2394.6	2215.0	2197.9	2206.4	2227.8	2249.2	2262.0	2279.1
35°	2946.2	2912.0	2672.5	2304.8	2116.6	2091.0	2086.7	2150.8	2189.3	2210.7	2223.5
37.5°	3031.7	2988.9	2685.3	2206.4	2022.6	1945.6	1958.4	2009.7	2052.5	2091.0	2120.9
40°	3147.1	3104.4	2702.4	2099.5	1924.2	1821.6	1804.5	1817.3	1847.2	1902.8	1932.8
42.5°	3318.2	3249.8	2702.4	1962.7	1783.1	1710.4	1650.5	1603.5	1586.4	1620.6	1637.7
45°	3553.4	3450.7	2685.3	1821.6	1620.6	1569.3	1470.9	1394.0	1325.6	1291.4	1282.8
47.5°	3942.5	3762.9	2668.2	1684.7	1466.7	1402.5	1282.8	1193.0	1094.7	1004.9	983.5
50°	4464.1	4177.7	2672.5	1547.9	1312.7	1227.2	1120.3	1026.2	910.8	825.3	812.4
52.5°	5152.6	4759.2	2698.2	1398.3	1163.1	1086.1	996.3	902.2	786.8	722.6	718.4
55°	5952.2	5460.5	2788.0	1231.5	1026.2	966.4	902.2	812.4	714.1	658.5	650.0
57.5°	6884.4	6272.9	2967.5	1056.2	902.2	880.9	829.5	744.0	662.8	607.2	598.6
60°	7803.7	7059.7	3104.4	902.2	803.9	803.9	756.9	692.7	581.5	534.5	525.9
62.5°	8231.3	7303.4	2843.5	778.2	726.9	739.7	709.8	620.0	585.8	564.4	551.6
65°	8333.9	7166.6	2138.0	684.2	662.8	705.5	658.5	662.8	632.8	611.5	598.6
67.5°	8209.9	6777.5	1368.3	602.9	615.7	662.8	726.9	731.2	632.8	585.8	577.3
70°	*7483.0*	*5943.6*	*842.4*	*534.5*	*551.6*	*654.2*	*808.2*	*688.4*	*598.6*	*560.2*	*543.1*
72.5°	6243.0	4904.6	590.1	470.4	470.4	620.0	726.9	645.7	551.6	530.2	508.8
75°	4382.9	3318.2	431.9	393.4	393.4	483.2	671.3	590.1	517.4	525.9	517.4
77.5°	1492.3	1077.6	312.1	303.6	290.8	414.8	598.6	564.4	478.9	453.3	419.0
80°	440.4	346.4	230.9	213.8	209.5	333.5	504.6	414.8	342.1	312.1	290.8
82.5°	171.0	153.9	149.7	136.8	132.6	222.4	333.5	286.5	256.6	213.8	209.5
85°	68.4	68.4	77.0	77.0	68.4	119.7	201.0	158.2	149.7	132.6	128.3
87.5°	34.2	34.2	29.9	21.4	21.4	25.7	21.4	21.4	21.4	21.4	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

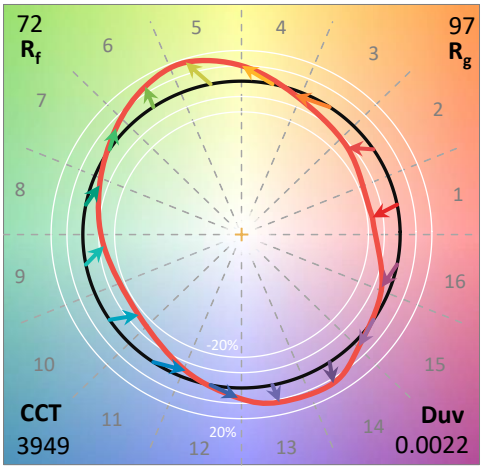
Test Information

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

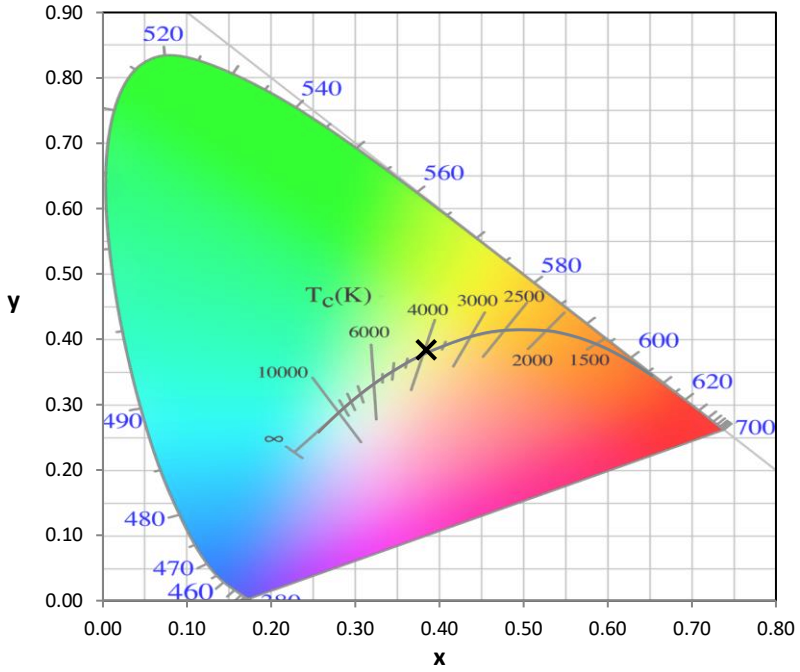
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

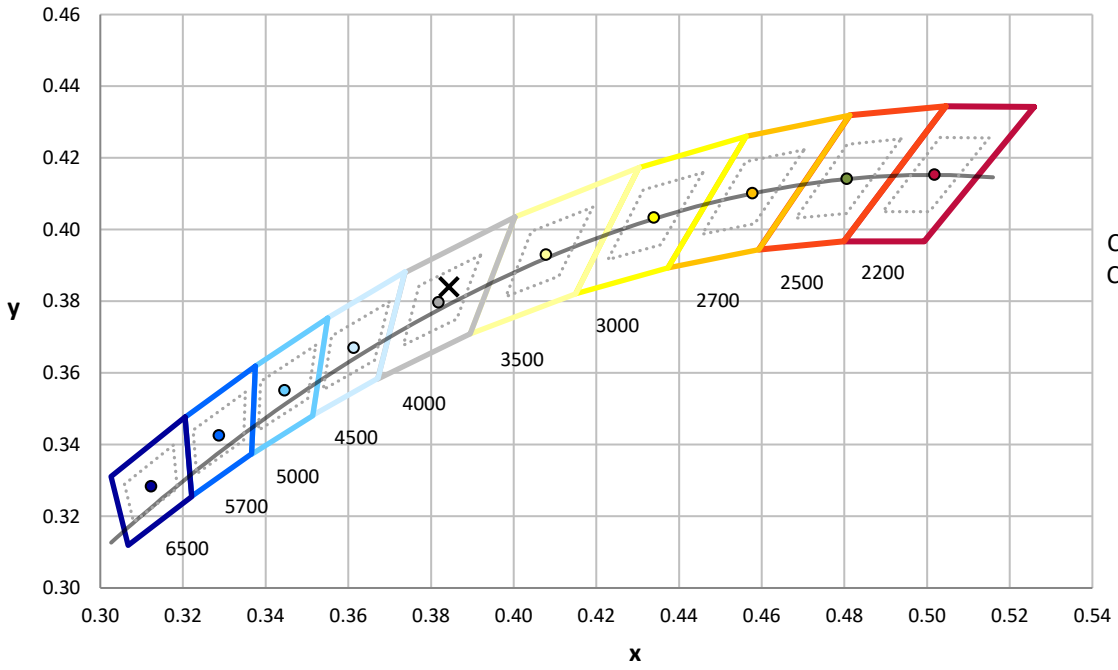
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

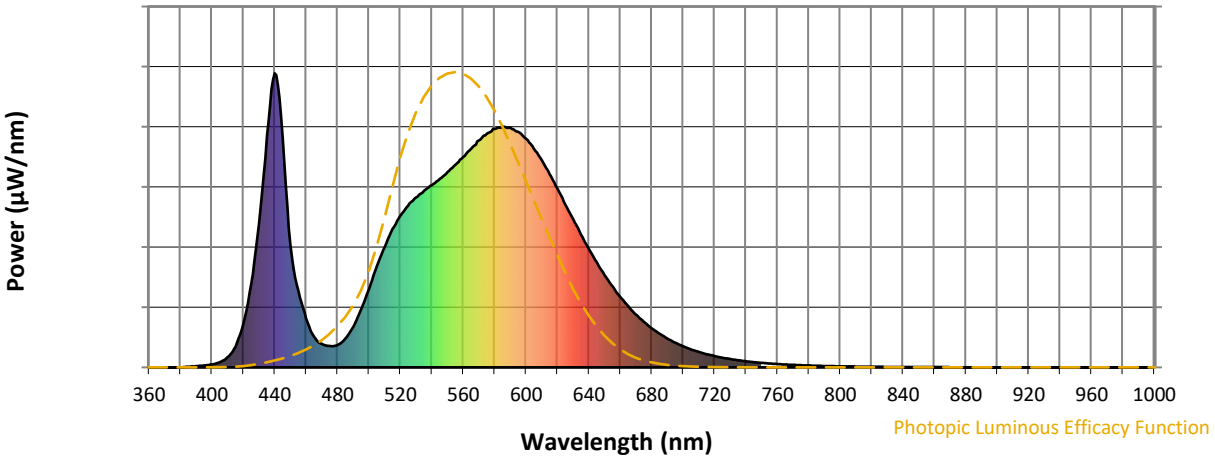


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

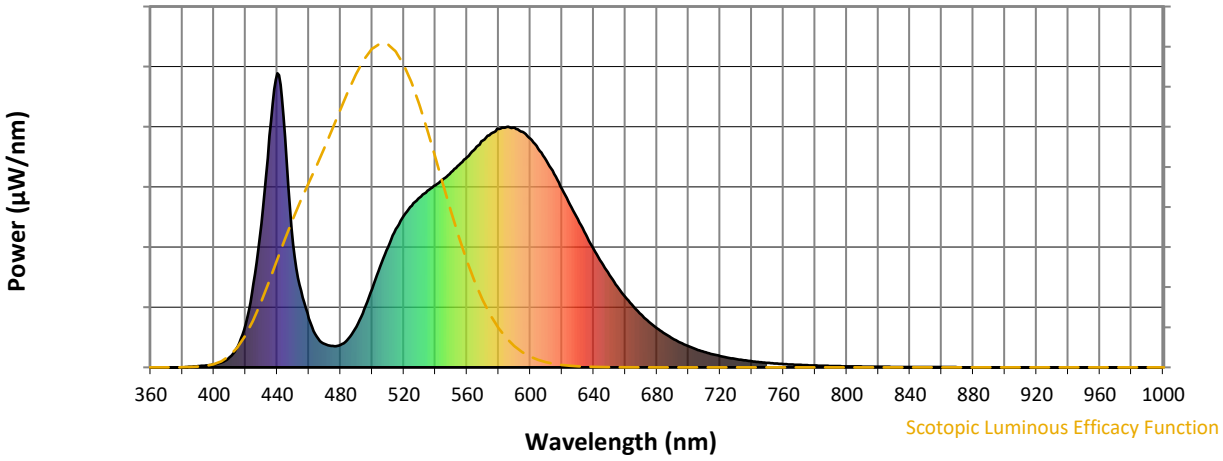


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

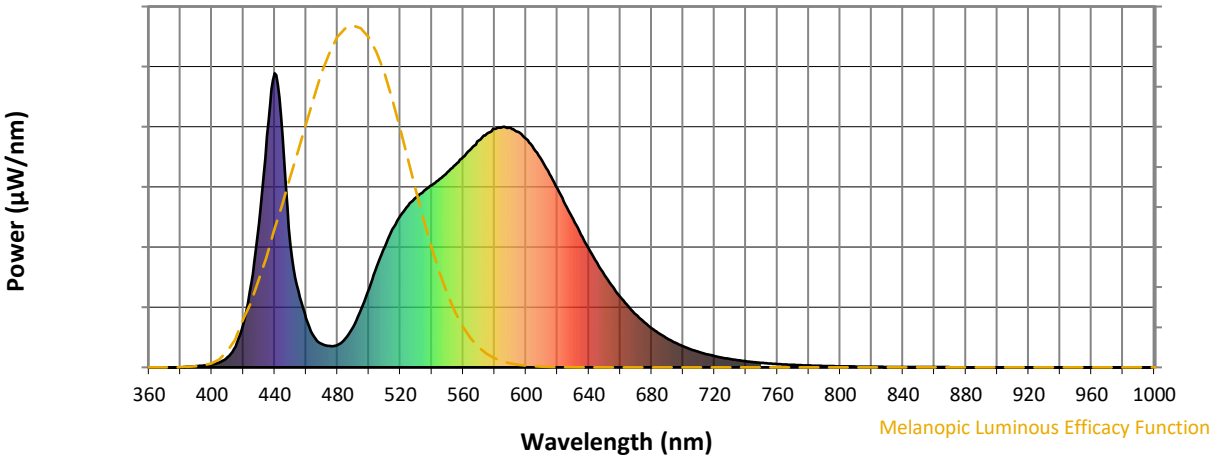


Scotopic Lumens: NR **S/P: 1.47**

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			

REPORT NUMBER: SP1-2407-184-1

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			

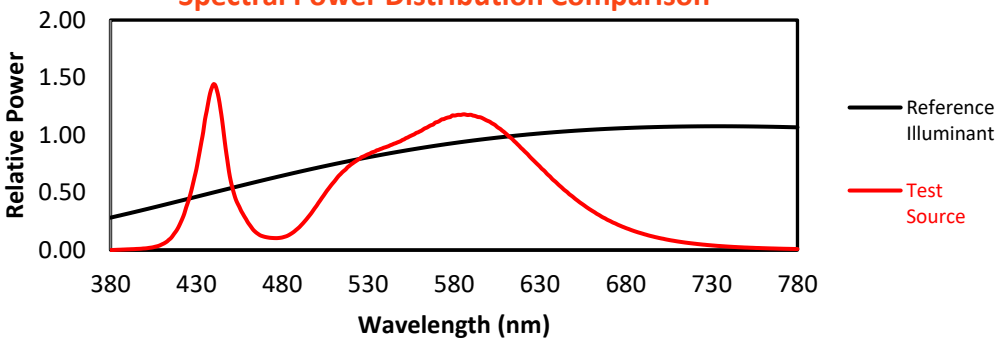
REPORT NUMBER: SP1-2407-184-1

TM-30-18

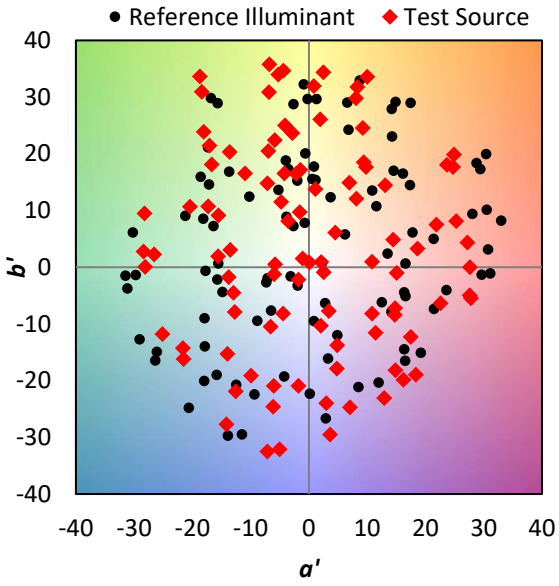
Summary

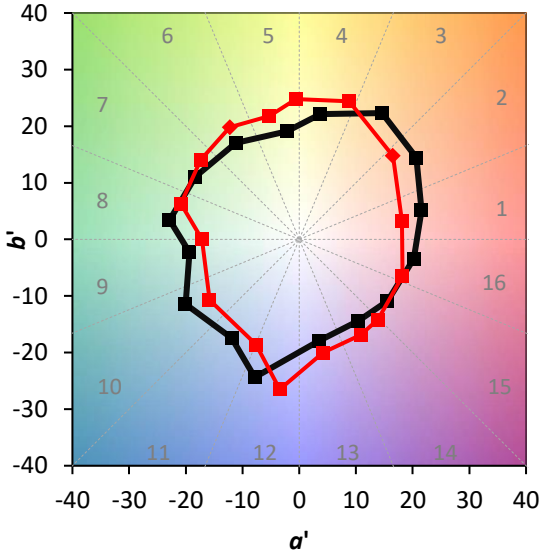
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

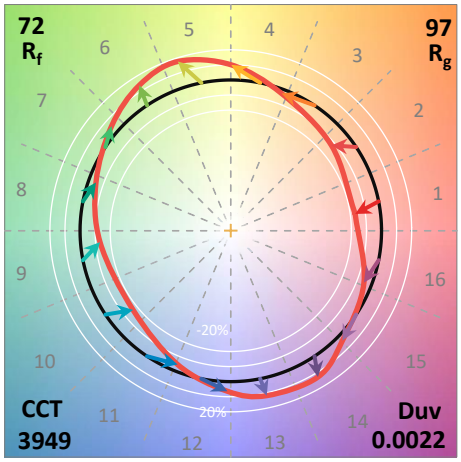
Spectral Power Distribution Comparison

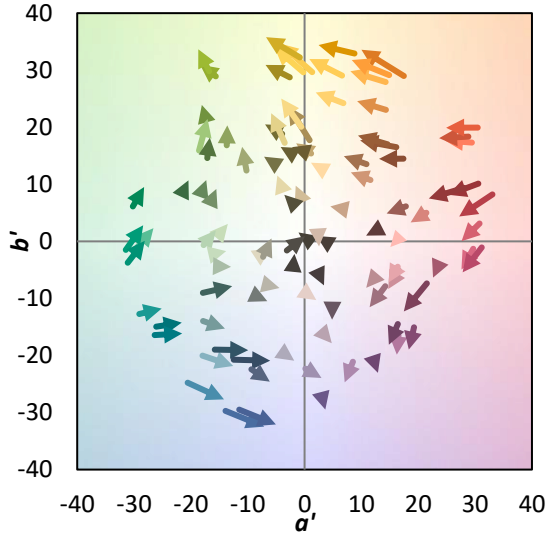


Color Vector Graphics







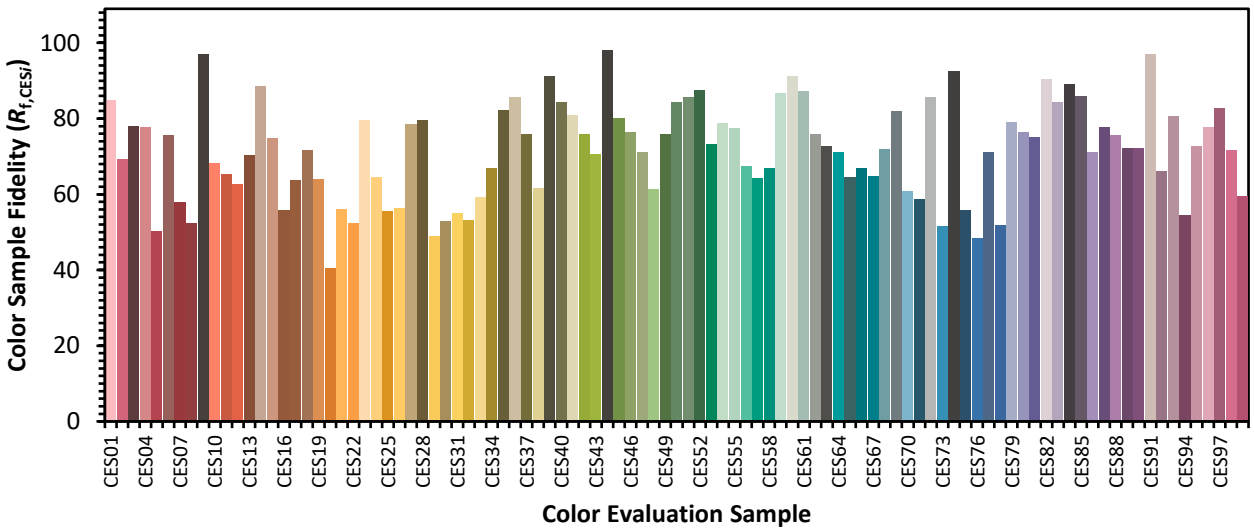


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

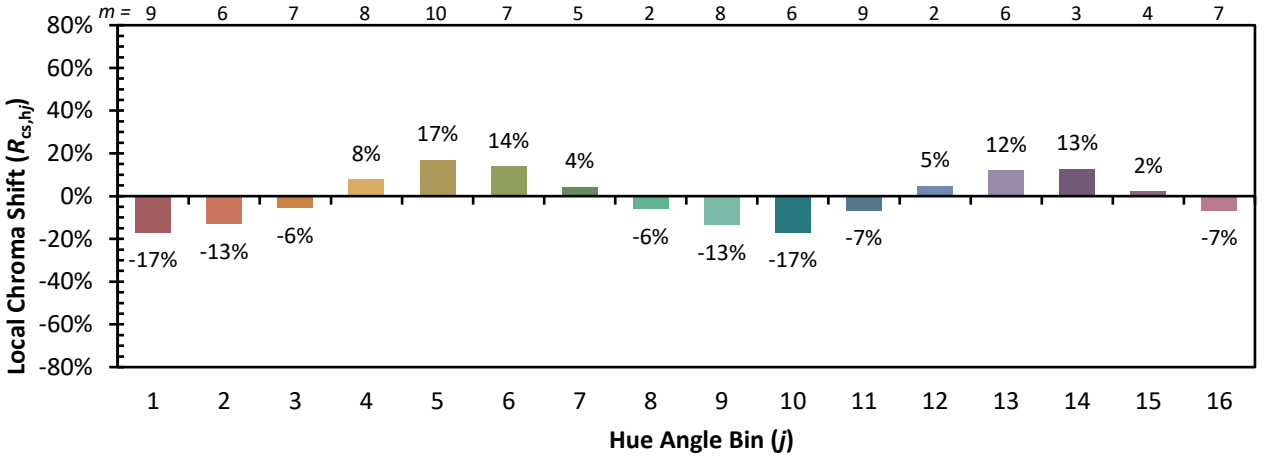
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

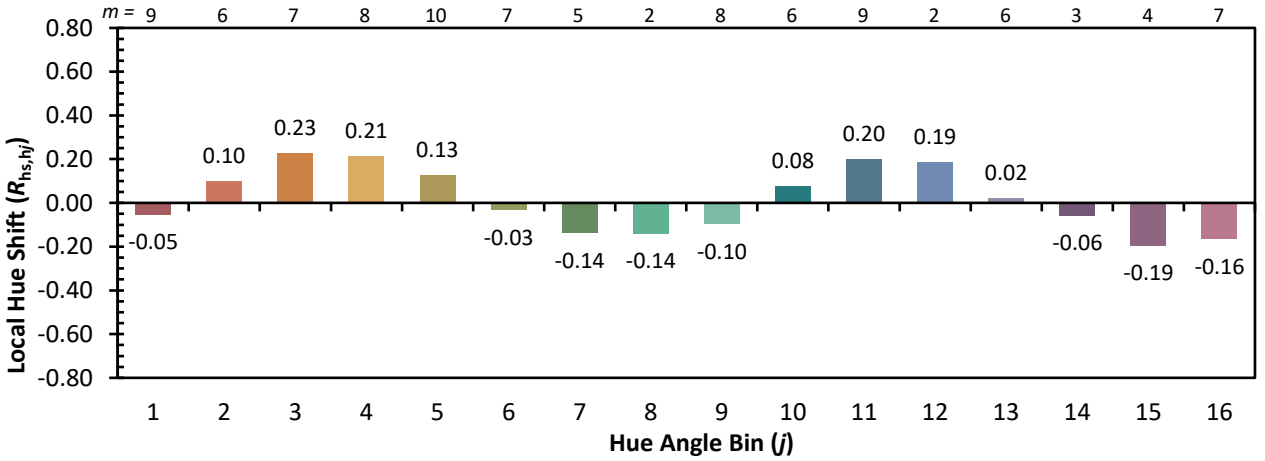


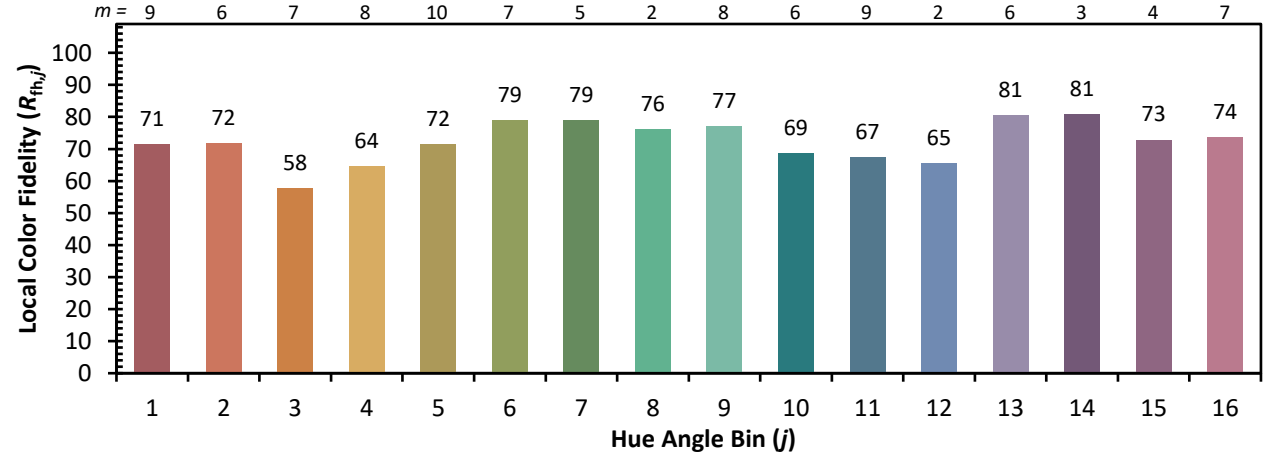
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



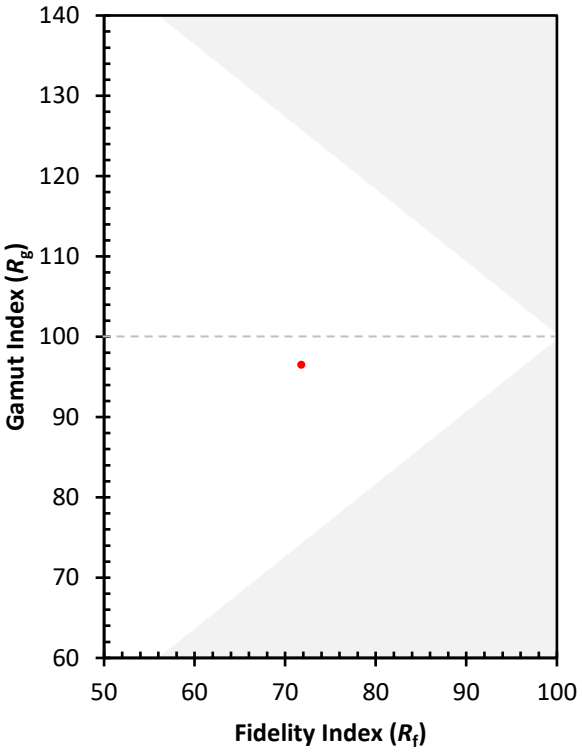


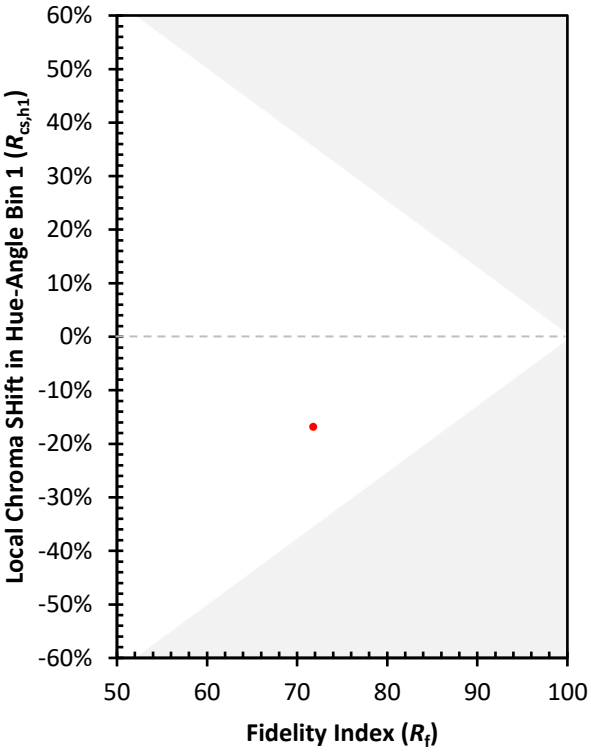


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)