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: P1367228

Luminaire Tested: **GSS-SB4B-722-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:	P1367228
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-T4W
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17339.9 lumens
Efficiency:	N/A
Efficacy:	117.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

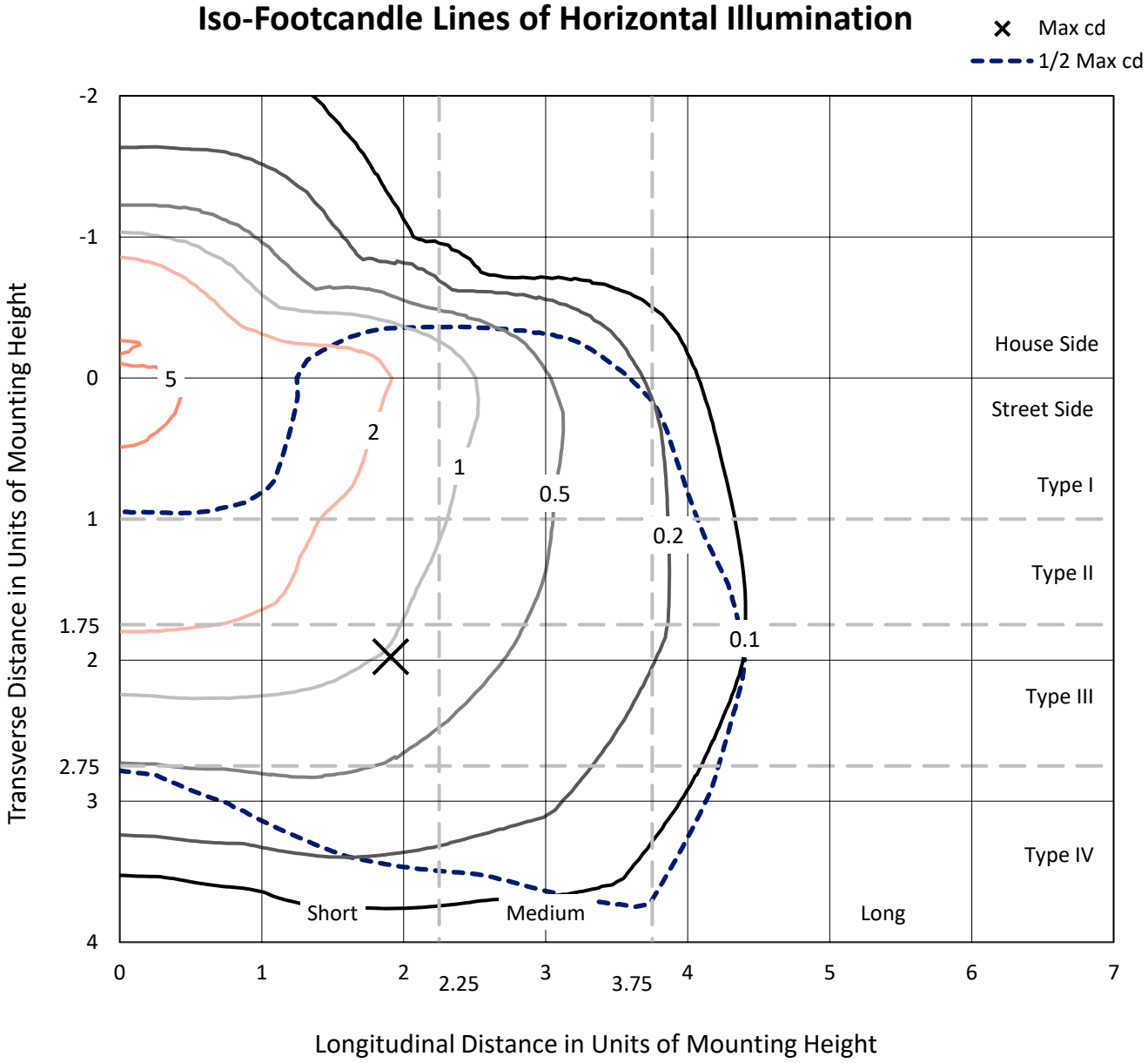
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



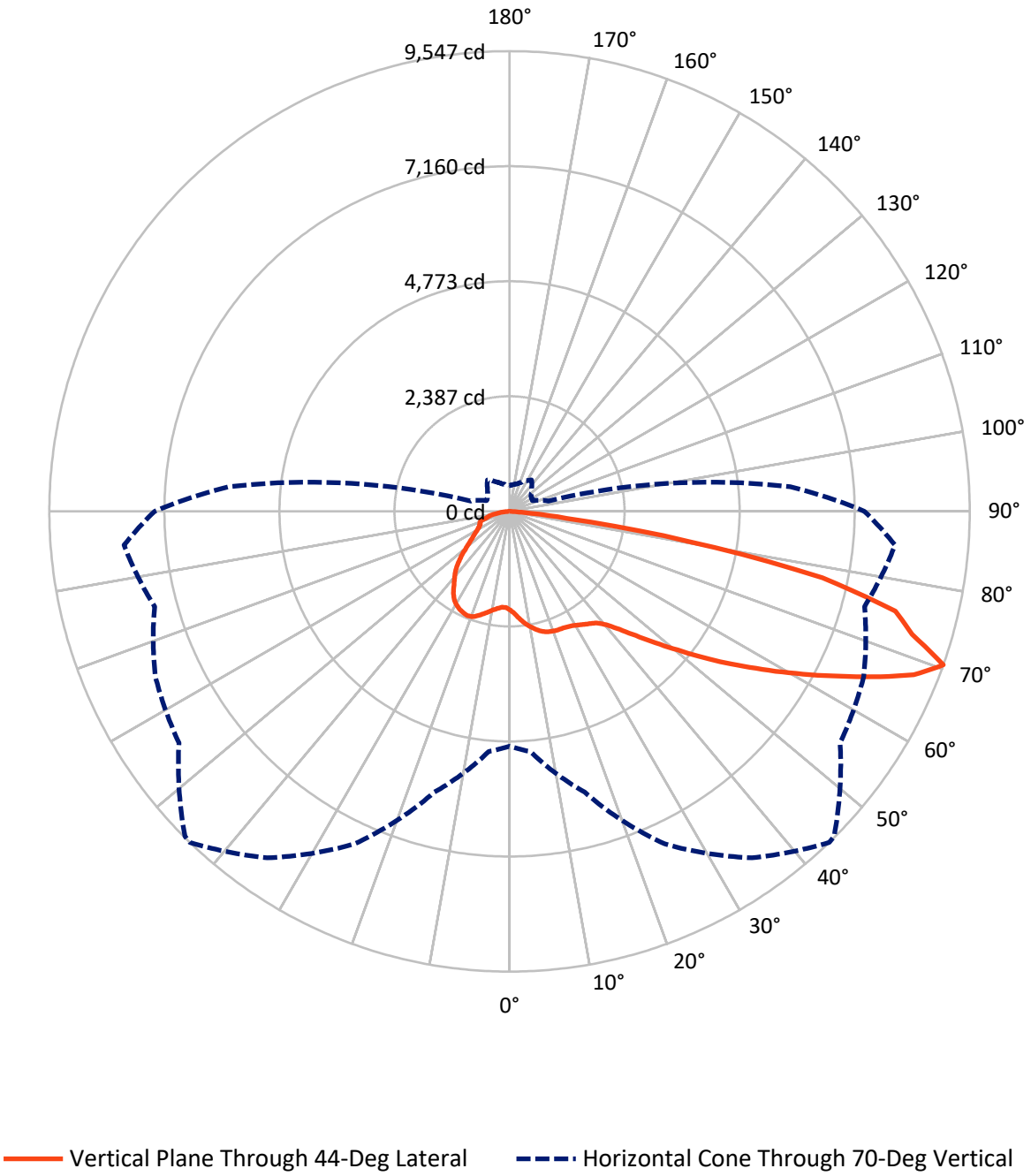
Based on 20 foot mounting height. Maximum calculated value = 6.3 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

Luminous Intensity Polar Plot



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

Scaled Data Report

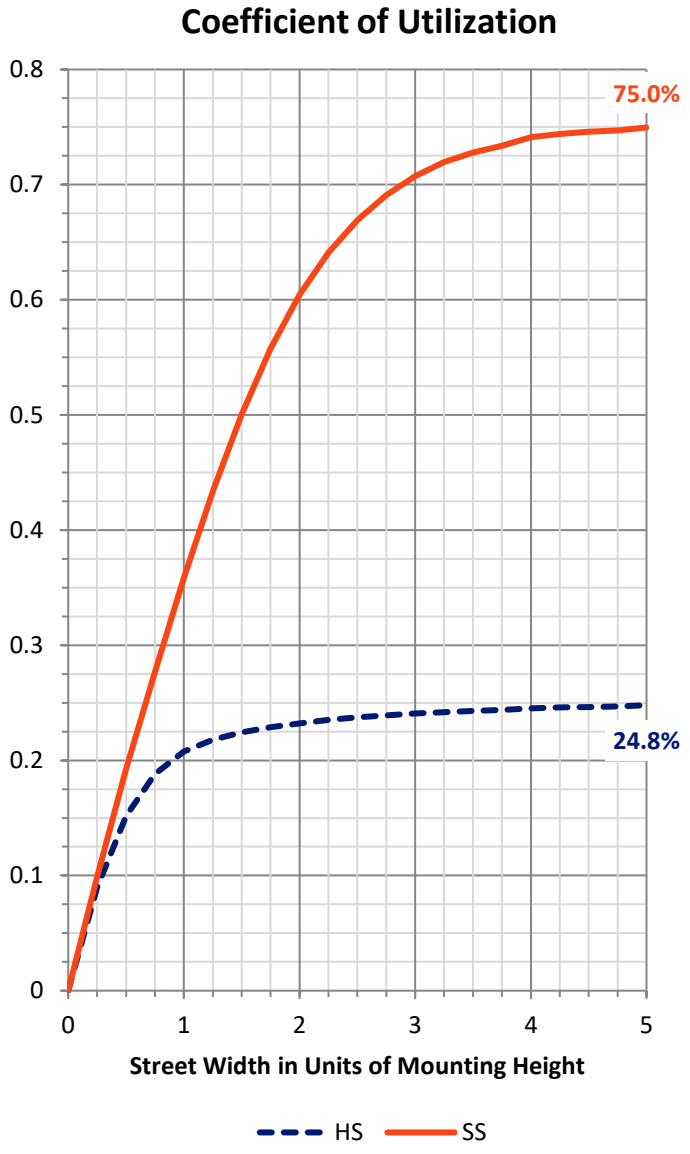
REPORT NUMBER: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4344.8	0.0	4344.8
	% Fixture	25.1	0.0	25.1
Street Side	Lumens	12995.1	0.0	12995.1
	% Fixture	74.9	0.0	74.9
Total	Lumens	17339.9	0.0	17339.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.8	1.2
10°-20°	678.8	3.9
20°-30°	1168.1	6.7
30°-40°	1646.7	9.5
40°-50°	2278.6	13.1
50°-60°	3383.9	19.5
60°-70°	4522.5	26.1
70°-80°	3190.3	18.4
80°-90°	264.2	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°	17339.9	100.0
0°-180°	17339.9	100.0



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

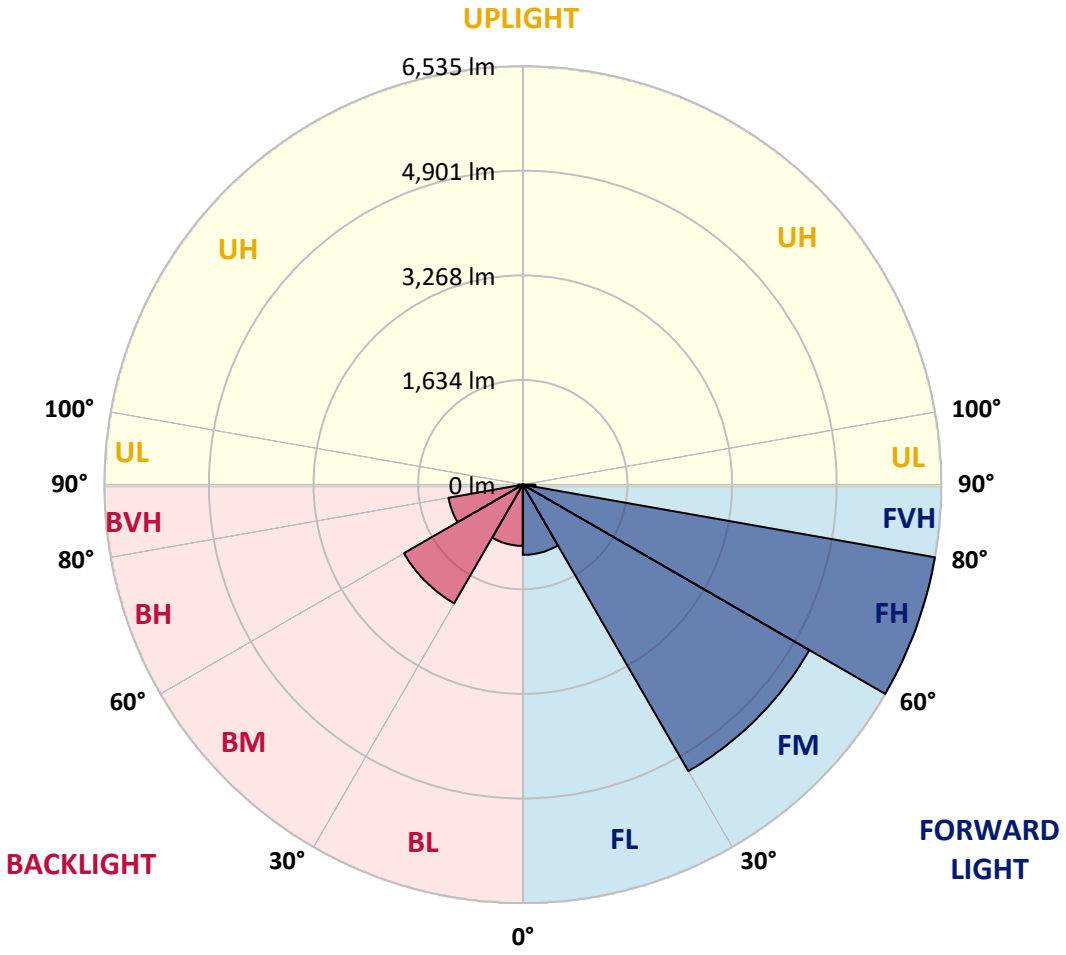
Scaled Data Report

REPORT NUMBER: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1097.4	6.3			
FM	(30°-60°)	5166.9	29.8			
FH	(60°-80°)	6535.3	37.7			G3/7500
FVH	(80°-90°)	195.5	1.1			G2/225
BL	(0°-30°)	956.3	5.5	B2/1000		
BM	(30°-60°)	2142.3	12.4	B2/2500		
BH	(60°-80°)	1177.5	6.8	B3/2500		G3/2500
BVH	(80°-90°)	68.7	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: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	2049.0	2049.0	2049.0	2049.0	2049.0	*2049.0*	2049.0	2049.0	2049.0	2049.0	2049.0
2.5°	2200.5	2187.9	2175.2	2171.0	2154.2	*2129.0*	2129.0	2120.6	2099.5	2082.7	2070.1
5°	2343.5	2347.8	2326.7	2309.9	2284.6	*2242.6*	2246.8	2208.9	2166.8	2120.6	2086.9
7.5°	2482.4	2482.4	2457.1	2436.1	2402.4	*2352.0*	2352.0	2293.1	2242.6	2179.5	2133.2
10°	2608.6	2600.2	2566.5	2541.3	2495.0	*2440.3*	2436.1	2377.2	2314.1	2242.6	2179.5
12.5°	2705.4	2705.4	2671.7	2629.7	2579.2	*2520.3*	2516.1	2452.9	2389.8	2314.1	2238.4
15°	2797.9	2776.9	2747.5	2692.8	2633.9	*2587.6*	2579.2	2524.5	2461.4	2394.0	2309.9
17.5°	2831.6	2823.2	2785.3	2730.6	2675.9	*2625.4*	2625.4	2575.0	2528.7	2461.4	2377.2
20°	2823.2	2810.6	2776.9	2730.6	2688.6	*2646.5*	2646.5	2608.6	2583.4	2520.3	2444.5
22.5°	2781.1	2768.5	2747.5	2705.4	2684.3	*2659.1*	2659.1	2638.1	2629.7	2591.8	2520.3
25°	2768.5	2760.1	2730.6	2692.8	2671.7	*2667.5*	2671.7	2675.9	2684.3	2654.9	2596.0
27.5°	2776.9	2776.9	2751.7	2713.8	2688.6	*2692.8*	2697.0	2722.2	2747.5	2730.6	2680.1
30°	2831.6	2819.0	2802.2	2764.3	2734.8	*2739.0*	2739.0	2789.5	2814.8	2793.7	2755.9
32.5°	2924.2	2911.6	2886.3	2806.4	2776.9	*2797.9*	2806.4	2848.4	2865.3	2844.2	2827.4
35°	3138.8	3151.4	3067.2	2924.2	2844.2	*2861.1*	2869.5	2898.9	2920.0	2911.6	2894.7
37.5°	3530.0	3534.3	3429.1	3172.4	2987.3	*2936.8*	2941.0	2983.1	3008.3	2978.9	2966.2
40°	4018.1	4022.3	3875.1	3525.8	3214.5	*3088.3*	3084.1	3092.5	3130.3	3079.8	3071.4
42.5°	4548.2	4489.3	4363.1	3963.4	3551.1	*3340.7*	3302.8	3277.6	3323.9	3260.8	3218.7
45°	5053.1	5011.1	4838.6	4426.2	3955.0	*3673.1*	3635.2	3509.0	3584.7	3534.3	3458.5
47.5°	5473.9	5440.2	5309.8	4926.9	4413.6	*4072.8*	4013.9	3816.2	3950.8	3925.5	3833.0
50°	5785.2	5751.6	5663.2	5427.6	4994.2	*4518.8*	4464.1	4224.3	4363.1	4409.4	4337.9
52.5°	6012.4	6004.0	5970.4	5932.5	5583.3	*5036.3*	4973.2	4674.5	4901.7	4990.0	4969.0
55°	6357.4	6340.6	6353.2	6416.4	6214.4	*5587.5*	5494.9	5145.7	5457.1	5621.1	5654.8
57.5°	6685.6	6685.6	6795.0	6959.1	6933.9	*6180.7*	6071.3	5696.9	6130.2	6210.2	6370.1
60°	6992.8	7022.2	7173.7	7535.5	7607.1	*6824.5*	6694.0	6332.2	6769.8	6858.1	7148.4
62.5°	6862.3	6933.9	7417.7	8002.6	8238.2	*7514.5*	7384.1	7030.6	7489.2	7384.1	7644.9
65°	6197.6	6307.0	7055.9	8032.0	8852.5	*8271.8*	8162.4	7817.4	7884.7	7464.0	7922.6
67.5°	5499.1	5659.0	6530.0	7674.4	9012.3	*9046.0*	8949.2	8301.3	7880.5	7548.2	8204.5
70°	*4872.2*	*5002.6*	*6029.3*	*7611.3*	*8772.5*	*9546.7*	*9525.7*	*8372.8*	*8107.7*	*7623.9*	*8027.8*
72.5°	3416.4	3597.4	4649.2	7026.4	8844.0	*8730.4*	8684.2	8873.5	8276.0	7346.2	7114.8
75°	1228.6	1300.1	2410.9	4754.4	7030.6	*8267.6*	8305.5	8221.3	8112.0	6580.4	5347.7
77.5°	366.0	391.3	685.8	1884.9	3942.4	*6635.1*	6698.2	6475.3	6096.6	3967.6	2023.8
80°	197.7	214.6	324.0	551.2	1476.8	*3744.6*	3917.1	3315.5	2196.3	1047.7	454.4
82.5°	96.8	105.2	168.3	269.3	635.3	*1190.7*	1194.9	1060.3	715.3	315.6	168.3
85°	33.7	37.9	54.7	101.0	218.8	*244.0*	244.0	227.2	210.4	155.7	75.7
87.5°	8.4	8.4	12.6	16.8	21.0	*25.2*	25.2	29.5	33.7	37.9	37.9
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: P1367228
CATALOG NUMBER: GSS-SB4B-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0	2049.0
2.5°	2061.6	2044.8	2032.2	2019.6	2011.2	1994.3	1990.1	1990.1	1985.9	1990.1	1985.9
5°	2074.3	2049.0	2028.0	2011.2	2002.7	1994.3	1994.3	1998.5	1994.3	1998.5	1994.3
7.5°	2099.5	2082.7	2061.6	2036.4	2032.2	2028.0	2032.2	2040.6	2044.8	2049.0	2040.6
10°	2150.0	2124.8	2095.3	2082.7	2074.3	2070.1	2082.7	2099.5	2103.7	2112.1	2103.7
12.5°	2208.9	2179.5	2158.4	2129.0	2129.0	2133.2	2145.8	2166.8	2179.5	2192.1	2179.5
15°	2276.2	2246.8	2217.3	2192.1	2187.9	2196.3	2217.3	2238.4	2242.6	2246.8	2238.4
17.5°	2343.5	2314.1	2276.2	2246.8	2242.6	2263.6	2272.0	2272.0	2263.6	2263.6	2251.0
20°	2410.9	2389.8	2352.0	2297.3	2314.1	2322.5	2297.3	2276.2	2263.6	2259.4	2246.8
22.5°	2490.8	2457.1	2415.1	2356.2	2368.8	2335.1	2288.8	2280.4	2267.8	2272.0	2259.4
25°	2566.5	2545.5	2478.2	2402.4	2368.8	2314.1	2284.6	2284.6	2272.0	2280.4	2276.2
27.5°	2654.9	2629.7	2537.1	2427.7	2339.3	2280.4	2276.2	2276.2	2255.2	2259.4	2255.2
30°	2743.3	2705.4	2583.4	2406.7	2267.8	2229.9	2242.6	2238.4	2229.9	2242.6	2251.0
32.5°	2819.0	2789.5	2608.6	2356.2	2179.5	2162.6	2171.0	2192.1	2213.1	2225.7	2242.6
35°	2898.9	2865.3	2629.7	2267.8	2082.7	2057.4	2053.2	2116.3	2154.2	2175.2	2187.9
37.5°	2983.1	2941.0	2642.3	2171.0	1990.1	1914.4	1927.0	1977.5	2019.6	2057.4	2086.9
40°	3096.7	3054.6	2659.1	2065.9	1893.3	1792.4	1775.5	1788.2	1817.6	1872.3	1901.8
42.5°	3265.0	3197.7	2659.1	1931.2	1754.5	1683.0	1624.1	1577.8	1561.0	1594.6	1611.5
45°	3496.4	3395.4	2642.3	1792.4	1594.6	1544.1	1447.4	1371.6	1304.3	1270.6	1262.2
47.5°	3879.3	3702.5	2625.4	1657.7	1443.2	1380.0	1262.2	1173.9	1077.1	988.7	967.7
50°	4392.6	4110.7	2629.7	1523.1	1291.7	1207.5	1102.4	1009.8	896.2	812.0	799.4
52.5°	5070.0	4682.9	2654.9	1375.8	1144.4	1068.7	980.3	887.8	774.2	711.1	706.9
55°	5856.8	5372.9	2743.3	1211.7	1009.8	950.9	887.8	799.4	702.6	647.9	639.5
57.5°	6774.0	6172.3	2920.0	1039.2	887.8	866.7	816.2	732.1	652.2	597.5	589.0
60°	7678.6	6946.5	3054.6	887.8	791.0	791.0	744.7	681.6	572.2	525.9	517.5
62.5°	8099.3	7186.3	2797.9	765.8	715.3	727.9	698.4	610.1	576.4	555.4	542.8
65°	8200.3	7051.7	2103.7	673.2	652.2	694.2	647.9	652.2	622.7	601.7	589.0
67.5°	8078.3	6668.8	1346.4	593.2	605.9	652.2	715.3	719.5	622.7	576.4	568.0
70°	*7363.0*	*5848.3*	*828.9*	*525.9*	*542.8*	*643.7*	*795.2*	*677.4*	*589.0*	*551.2*	*534.3*
72.5°	6142.9	4825.9	580.6	462.8	462.8	610.1	715.3	635.3	542.8	521.7	500.7
75°	4312.6	3265.0	425.0	387.1	387.1	475.4	660.6	580.6	509.1	517.5	509.1
77.5°	1468.4	1060.3	307.1	298.7	286.1	408.1	589.0	555.4	471.2	446.0	412.3
80°	433.4	340.8	227.2	210.4	206.2	328.2	496.5	408.1	336.6	307.1	286.1
82.5°	168.3	151.5	147.3	134.6	130.4	218.8	328.2	281.9	252.4	210.4	206.2
85°	67.3	67.3	75.7	75.7	67.3	117.8	197.7	155.7	147.3	130.4	126.2
87.5°	33.7	33.7	29.5	21.0	21.0	25.2	21.0	21.0	21.0	21.0	21.0
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: SP1-2407-184-2

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

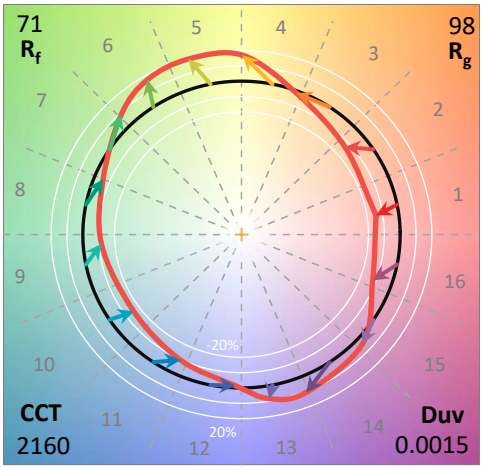
Test Information

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

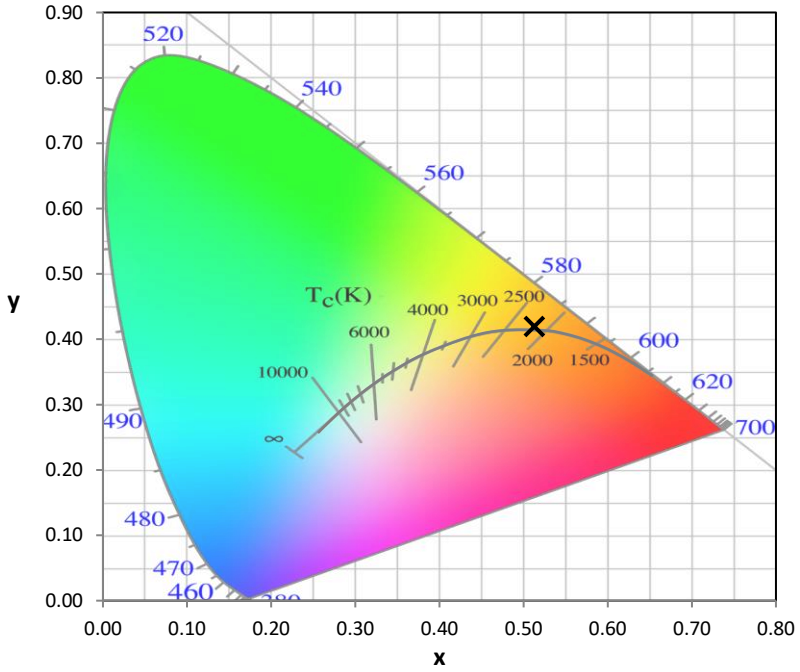
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

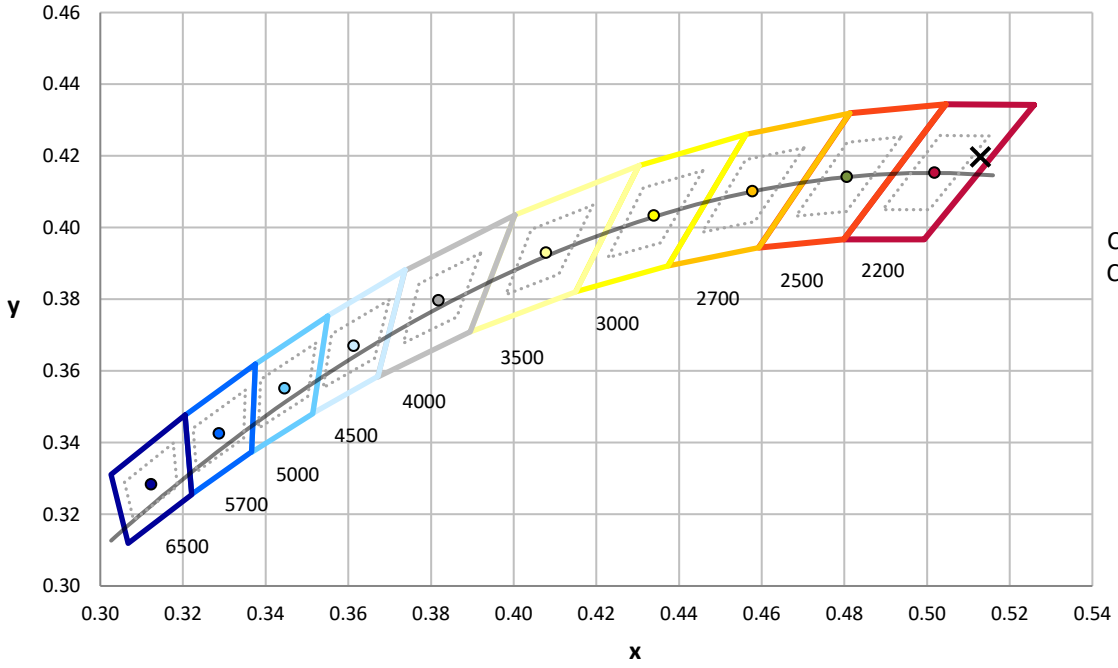
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

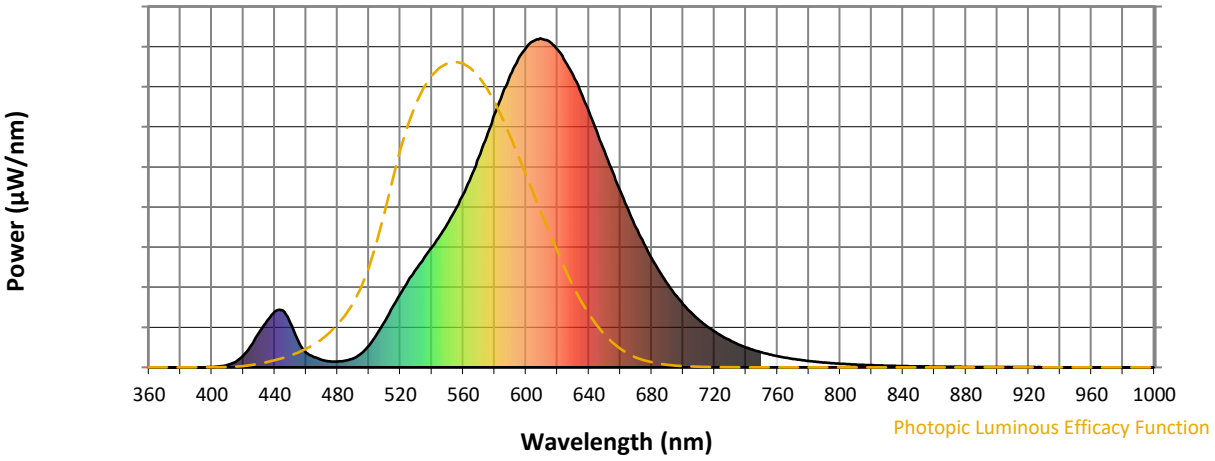


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

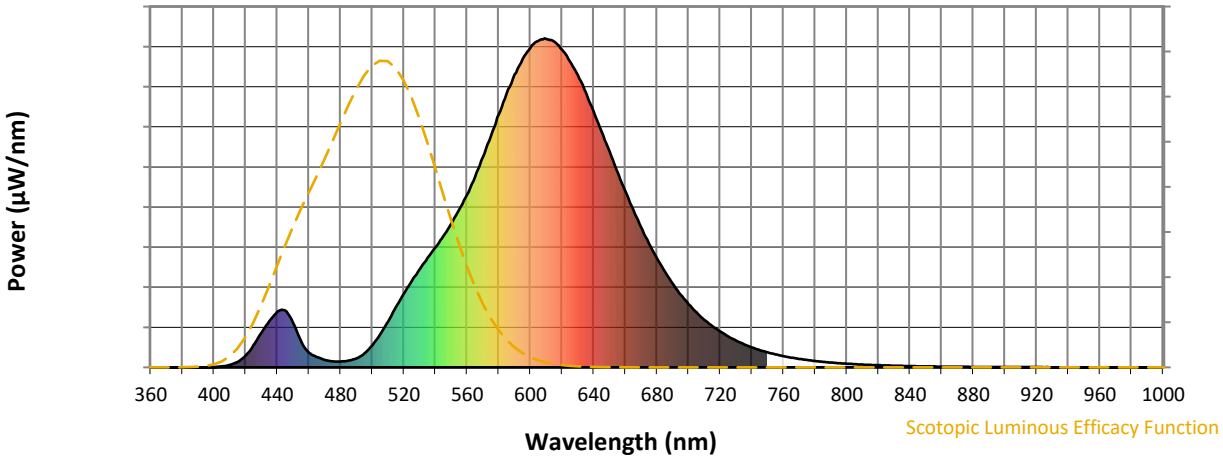


Photopic Lumens: NR

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

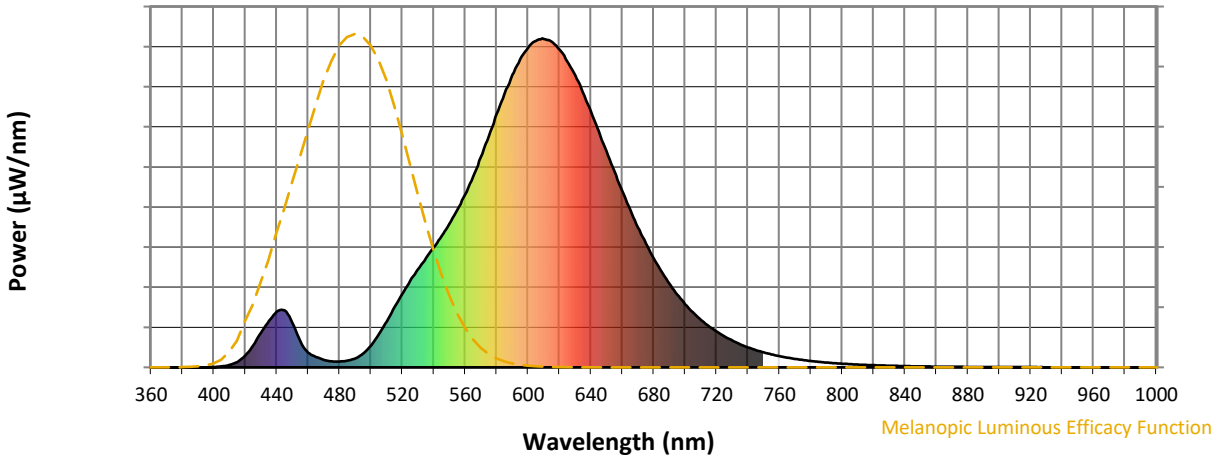


Scotopic Lumens: NR **S/P: 0.8**

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			

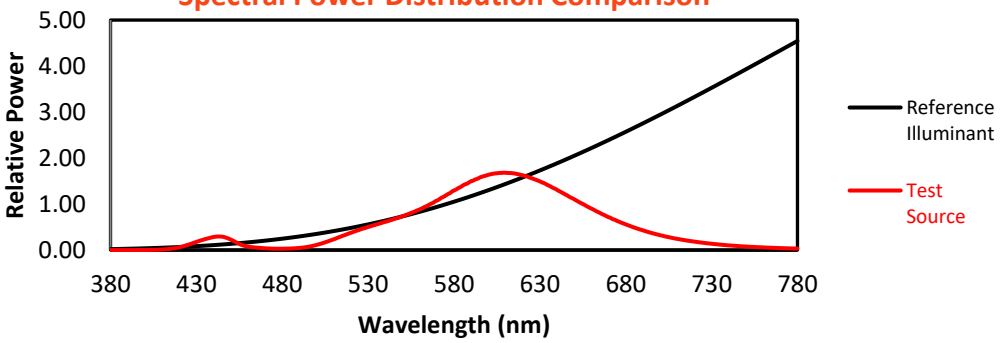
REPORT NUMBER: SP1-2407-184-2

TM-30-18

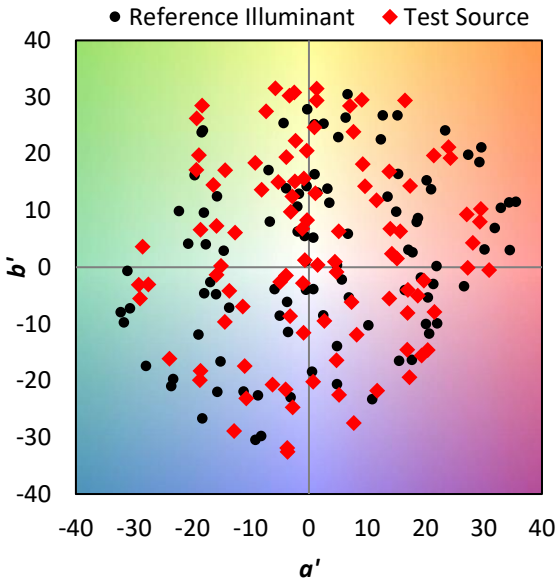
Summary

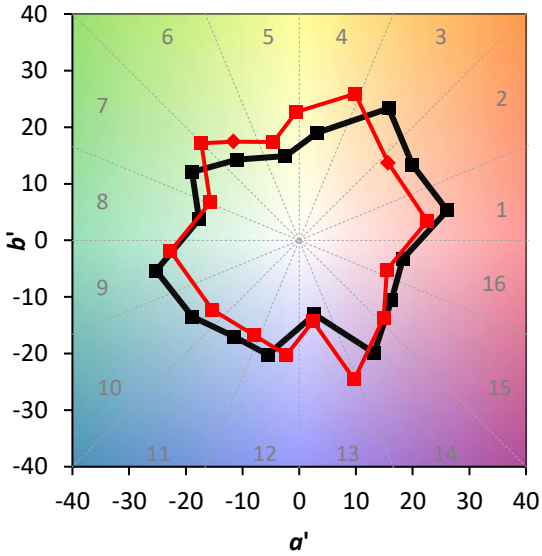
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

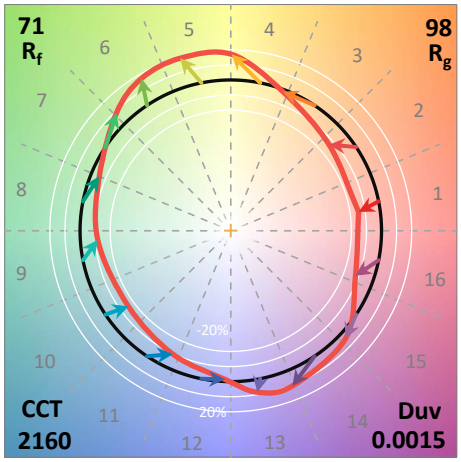
Spectral Power Distribution Comparison

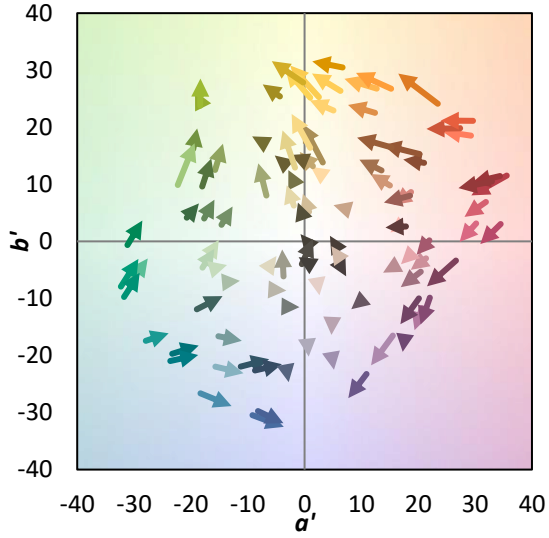


Color Vector Graphics







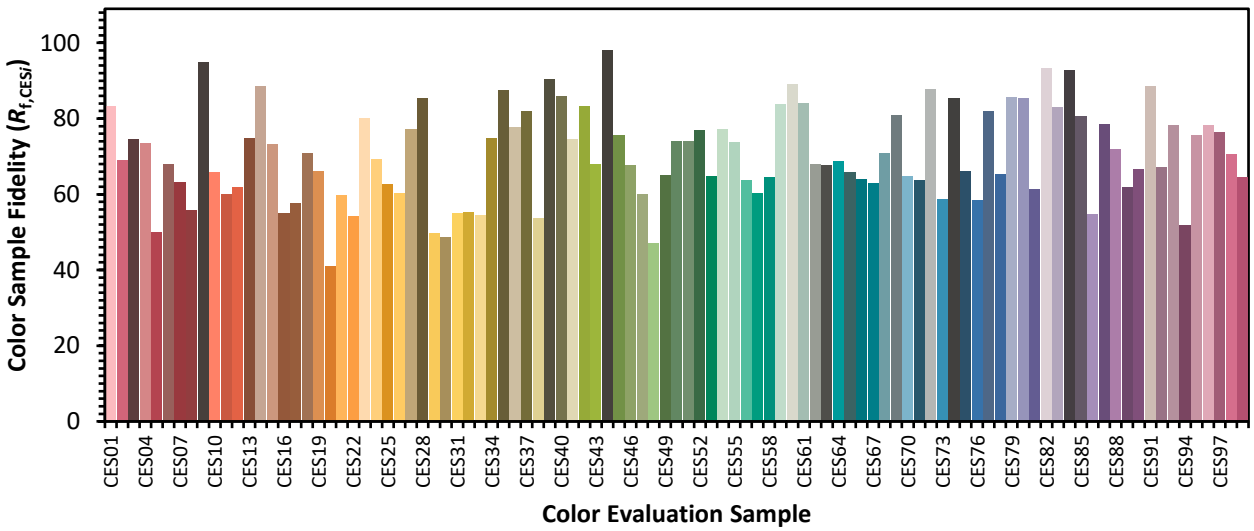


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

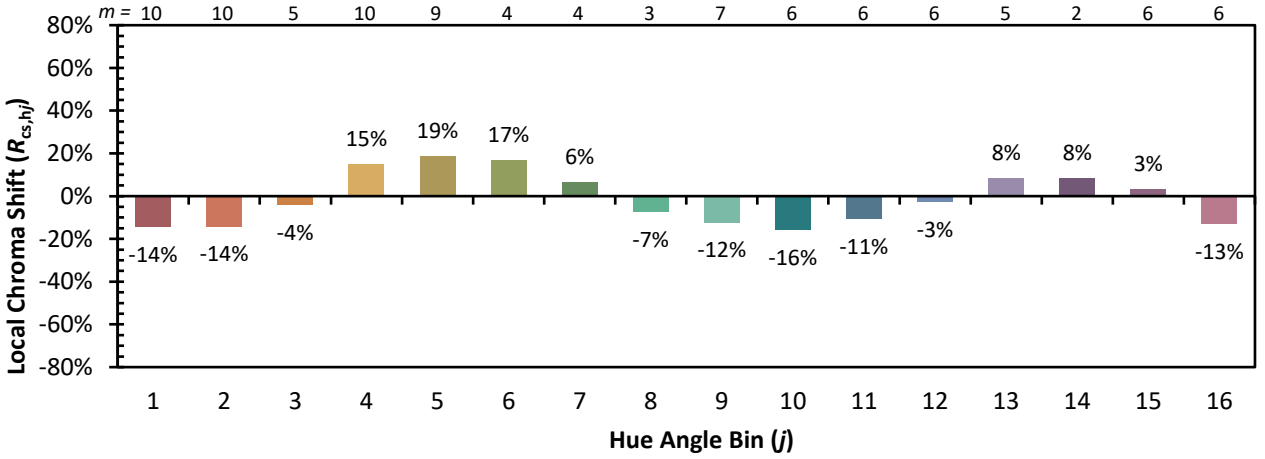
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

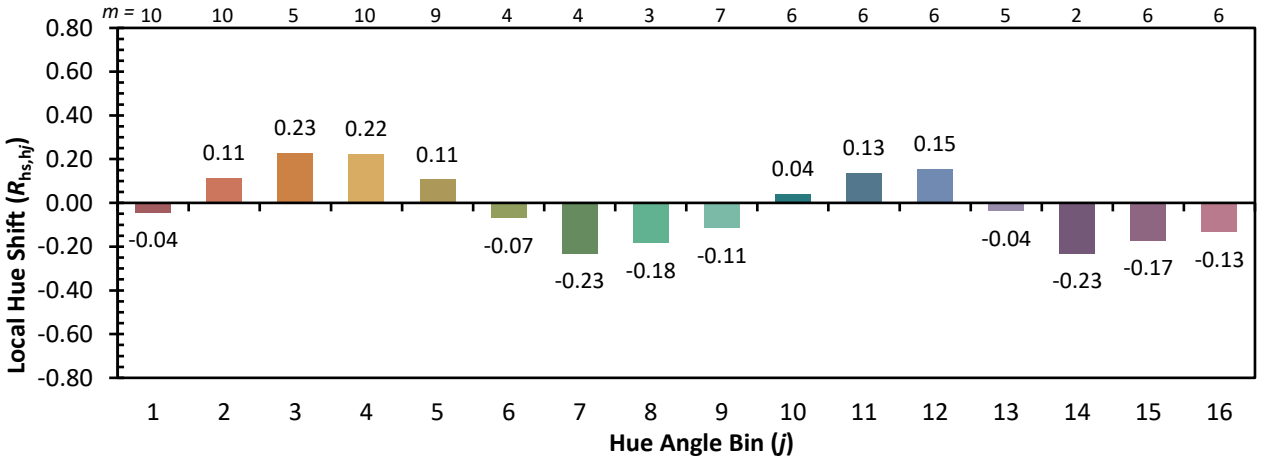


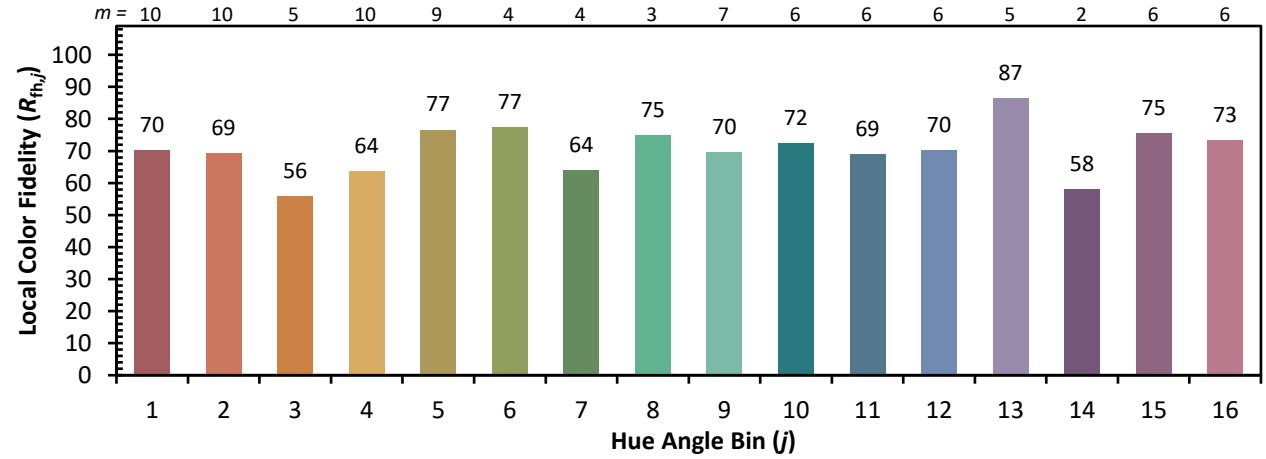
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



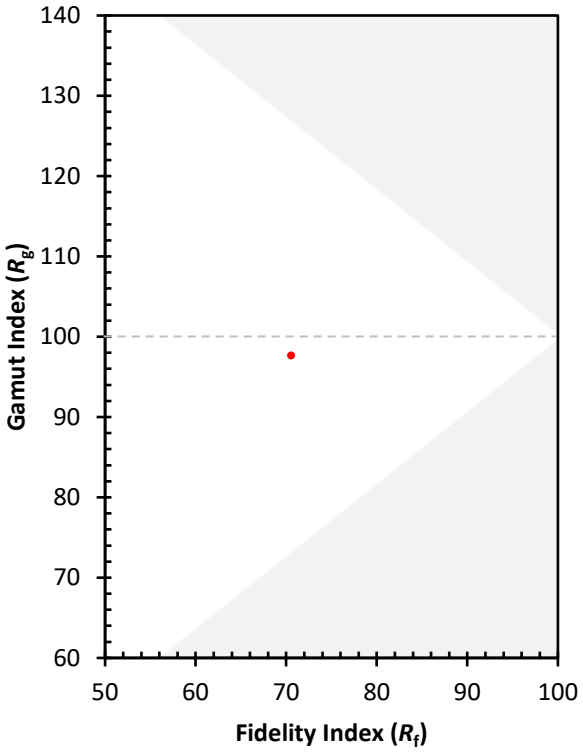


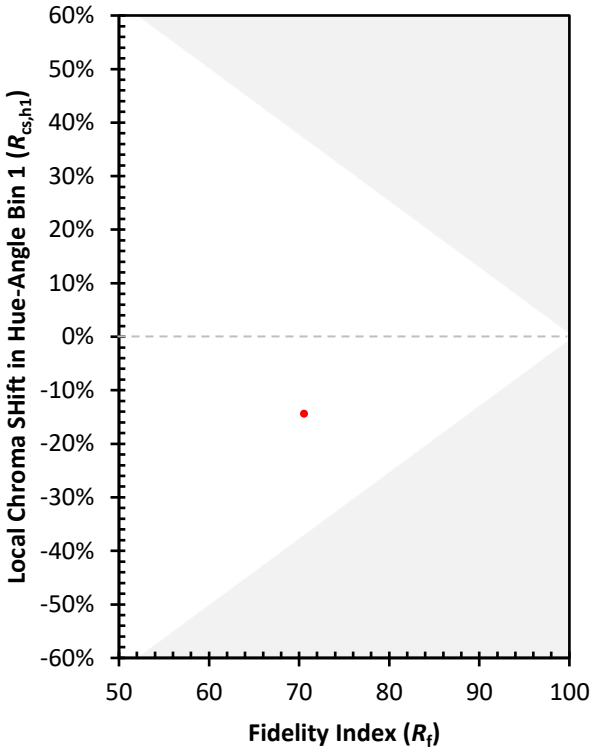


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)