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: P1363772

Luminaire Tested: **GSS-SB4B-722-U-SL3-HSS**

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:	P1363772
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-SL3-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12919.5 lumens
Efficiency:	N/A
Efficacy:	87.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G3

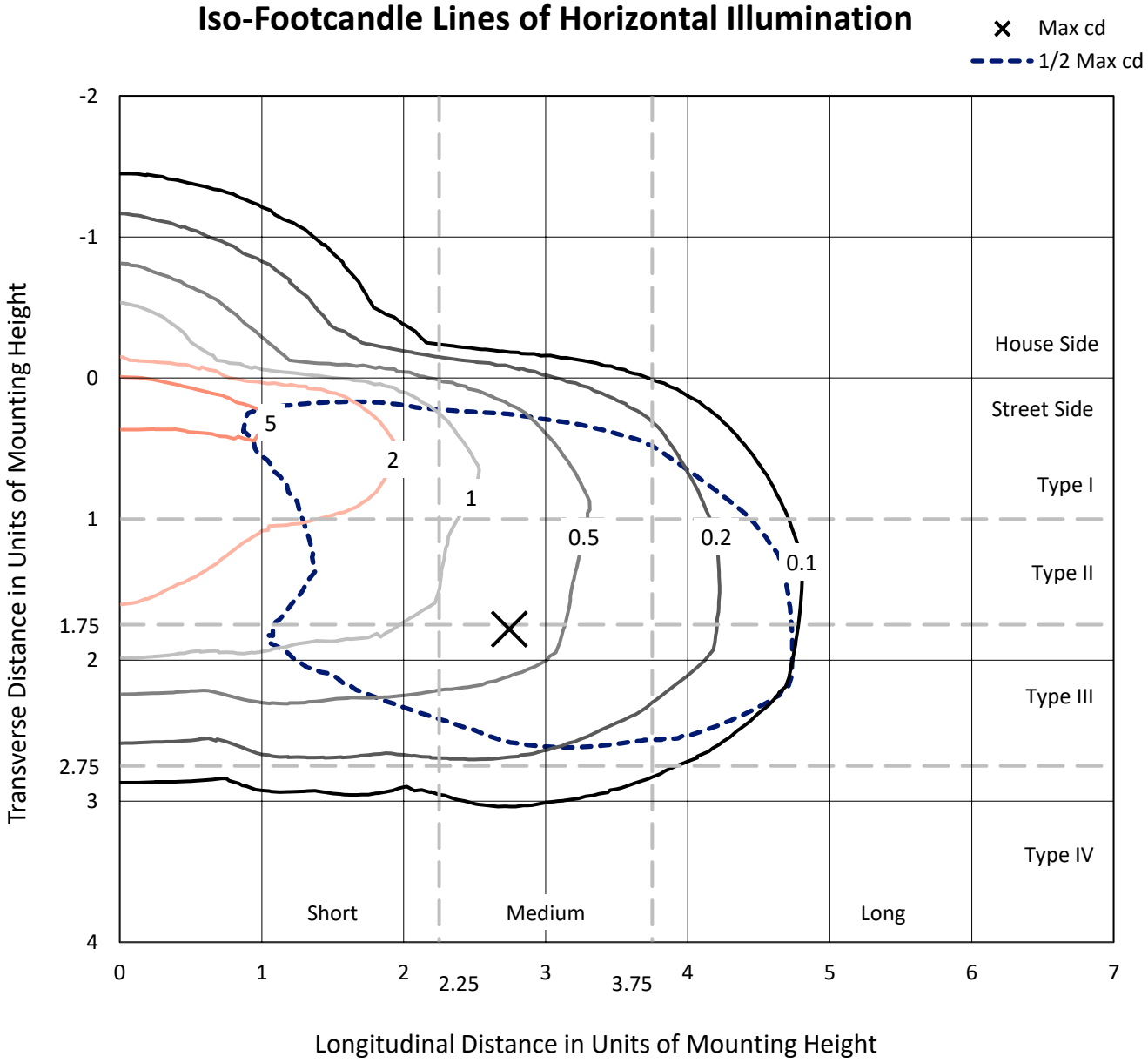
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



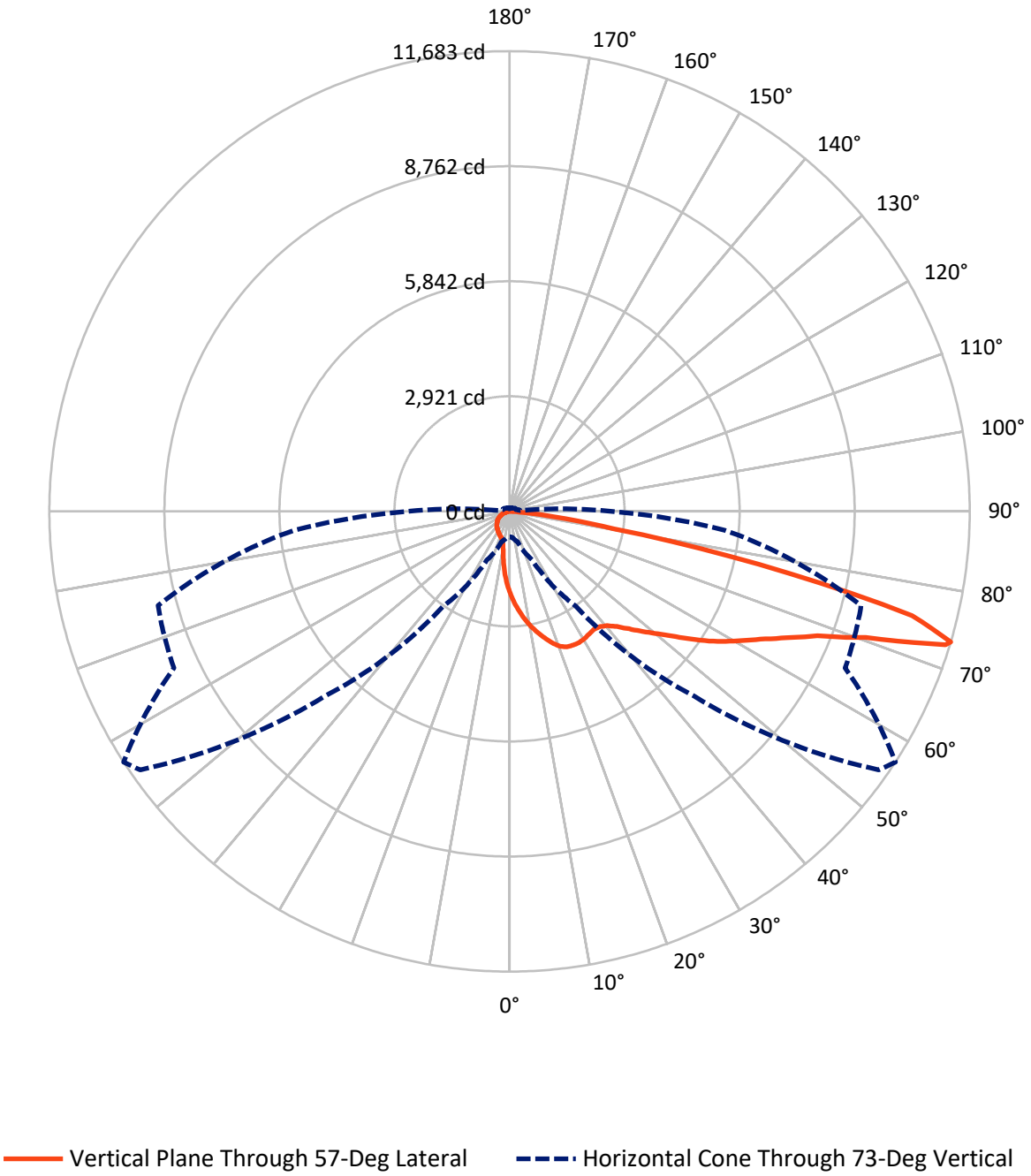
Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

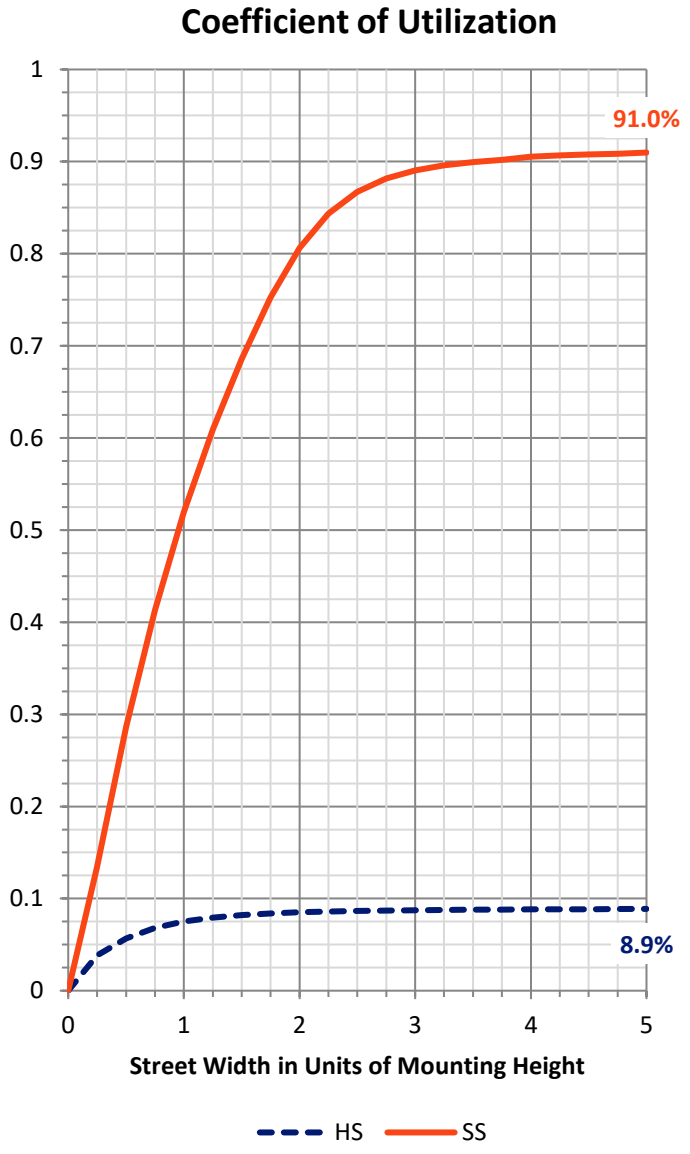
REPORT NUMBER: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1157.2	0.0	1157.2
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	11762.3	0.0	11762.3
	% Fixture	91.0	0.0	91.0
Total	Lumens	12919.5	0.0	12919.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.7	1.5
10°-20°	552.6	4.3
20°-30°	838.6	6.5
30°-40°	1214.6	9.4
40°-50°	1813.8	14.0
50°-60°	2626.3	20.3
60°-70°	3181.6	24.6
70°-80°	2297.9	17.8
80°-90°	201.5	1.6
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°	12919.5	100.0
0°-180°	12919.5	100.0



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

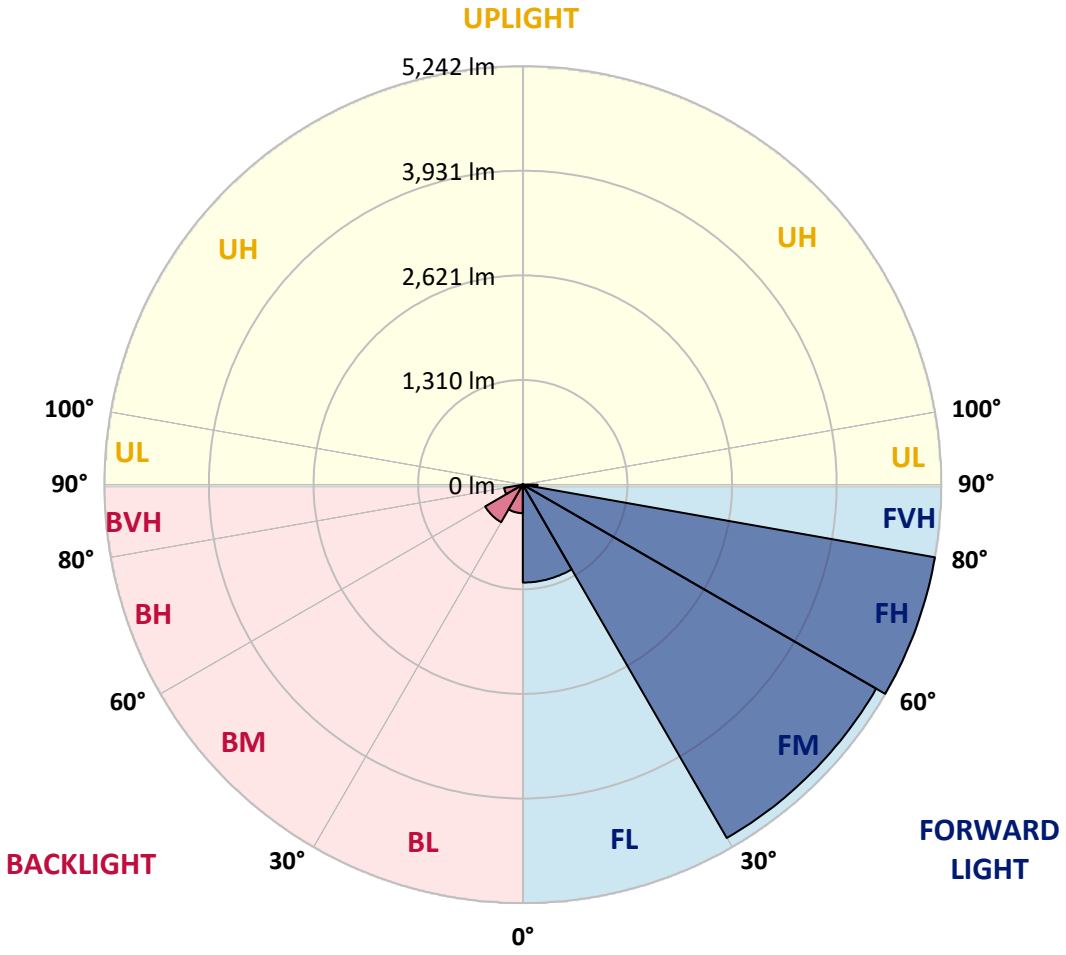
Scaled Data Report

REPORT NUMBER: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1226.2	9.5			
FM	(30°-60°)	5110.3	39.6			
FH	(60°-80°)	5241.8	40.6			G3/7500
FVH	(80°-90°)	184.0	1.4			G2/225
BL	(0°-30°)	357.7	2.8	B1/500		
BM	(30°-60°)	544.3	4.2	B1/1000		
BH	(60°-80°)	237.7	1.8	B1/500		G1/500
BVH	(80°-90°)	17.5	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	*2078.3*	2078.3	2078.3	2078.3
2.5°	2499.0	2507.5	2478.0	2461.2	2427.5	2372.8	2318.1	*2318.1*	2255.0	2196.1	2120.4
5°	2869.3	2844.0	2831.4	2789.3	2726.2	2658.9	2562.1	*2536.9*	2435.9	2309.7	2158.3
7.5°	3151.1	3121.7	3109.1	3071.2	2999.7	2911.3	2780.9	*2759.9*	2612.6	2427.5	2208.7
10°	3323.6	3302.6	3302.6	3273.2	3218.5	3125.9	2995.5	*2966.0*	2789.3	2536.9	2242.4
12.5°	3247.9	3239.5	3290.0	3357.3	3382.5	3327.8	3189.0	*3151.1*	2949.2	2658.9	2284.5
15°	2902.9	2894.5	2987.1	3163.8	3378.3	3470.9	3365.7	*3332.1*	3121.7	2785.1	2326.5
17.5°	2570.6	2557.9	2646.3	2823.0	3142.7	3487.7	3550.8	*3508.8*	3294.2	2911.3	2372.8
20°	2381.2	2368.6	2427.5	2570.6	2860.9	3353.1	3647.6	*3656.0*	3483.5	3050.2	2419.1
22.5°	2313.9	2309.7	2339.2	2435.9	2642.1	3121.7	3685.5	*3735.9*	3689.7	3210.0	2486.4
25°	2343.4	2326.5	2335.0	2372.8	2520.1	2936.6	3664.4	*3761.2*	3862.1	3403.6	2574.8
27.5°	2419.1	2406.5	2393.9	2393.9	2469.6	2802.0	3609.7	*3769.6*	4038.8	3613.9	2650.5
30°	2545.3	2528.5	2490.6	2444.3	2469.6	2717.8	3546.6	*3748.6*	4190.3	3841.1	2755.7
32.5°	2831.4	2818.8	2709.4	2562.1	2528.5	2696.8	3475.1	*3710.7*	4354.4	4110.4	2877.7
35°	3113.3	3100.7	3024.9	2814.6	2629.5	2713.6	3428.8	*3685.5*	4556.3	4438.5	3020.7
37.5°	3239.5	3218.5	3159.6	3046.0	2865.1	2810.4	3441.4	*3714.9*	4846.6	4800.3	3197.4
40°	3399.4	3365.7	3277.4	3172.2	3092.2	3033.3	3542.4	*3815.9*	5170.6	5216.8	3391.0
42.5°	3635.0	3597.1	3466.7	3319.4	3226.9	3344.7	3735.9	*3996.8*	5570.2	5679.6	3626.6
45°	3958.9	3908.4	3740.1	3546.6	3433.0	3500.3	3996.8	*4253.4*	6016.2	6205.5	3900.0
47.5°	4253.4	4240.8	4051.5	3828.5	3693.9	3605.5	4278.7	*4552.1*	6487.4	6794.5	4181.9
50°	4531.1	4484.8	4299.7	4080.9	3967.3	3820.1	4590.0	*4884.5*	6958.6	7333.0	4484.8
52.5°	4834.0	4783.5	4531.1	4282.9	4169.3	4135.6	4993.9	*5280.0*	7370.9	7901.0	4791.9
55°	5069.6	4998.1	4720.4	4514.3	4333.3	4446.9	5427.2	*5755.4*	7736.9	8414.3	5103.3
57.5°	5364.1	5271.5	4876.1	4724.6	4585.8	4762.5	5915.2	*6230.8*	8119.8	8847.6	5414.6
60°	5620.7	5549.2	5166.4	4977.0	4846.6	5120.1	6390.6	*6668.3*	8418.5	9217.8	5700.7
62.5°	4838.2	4829.8	4930.8	5498.7	5305.2	5662.8	6899.7	*7143.7*	8599.4	9466.1	5818.5
65°	3433.0	3458.3	3740.1	5507.1	6197.1	6571.5	7568.6	*7728.5*	8607.8	9184.2	5587.1
67.5°	2183.5	2158.3	2507.5	4611.0	6230.8	8363.8	8586.8	*8426.9*	8220.7	8881.3	5616.5
70°	1308.4	1316.8	1434.6	3344.7	5136.9	8771.9	10008.8	*9596.5*	8452.1	9104.2	5641.8
72.5°	711.0	727.8	896.1	1640.8	3403.6	6979.6	11514.9	*11573.8*	9243.1	9209.4	5545.0
73°	*647.9*	*652.1*	*803.6*	*1371.5*	*2945.0*	*6634.7*	*11443.4*	*11683.2*	*9402.9*	*9238.9*	*5481.9*
75°	429.1	429.1	546.9	778.3	1291.6	5157.9	9499.7	*10559.9*	9945.7	8936.0	4989.7
77.5°	265.0	281.9	378.6	538.5	471.2	2595.8	5587.1	*6462.2*	8868.6	6723.0	3134.3
80°	96.8	105.2	235.6	353.4	273.5	984.5	2343.4	*2688.4*	4110.4	3412.0	1131.7
82.5°	50.5	54.7	147.2	180.9	147.2	256.6	1047.6	*1119.1*	1657.6	887.7	210.4
85°	25.2	29.4	63.1	75.7	58.9	84.1	260.8	*244.0*	374.4	117.8	58.9
87.5°	0.0	0.0	4.2	8.4	12.6	16.8	25.2	*25.2*	29.4	33.7	33.7
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: P1363772
CATALOG NUMBER: GSS-SB4B-722-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3	2078.3
2.5°	2074.1	2040.5	1960.5	1880.6	1821.7	1758.6	1699.7	1649.2	1619.7	1607.1	1619.7
5°	2078.3	2006.8	1842.7	1678.6	1518.8	1388.4	1266.3	1178.0	1114.9	1093.9	1085.4
7.5°	2078.3	1960.5	1703.9	1434.6	1199.0	1026.5	904.5	849.8	820.4	816.2	816.2
10°	2074.1	1905.8	1548.2	1194.8	925.6	807.8	769.9	761.5	761.5	761.5	765.7
12.5°	2069.9	1855.3	1371.5	963.4	778.3	740.5	727.8	727.8	732.0	736.2	740.5
15°	2061.5	1779.6	1186.4	803.6	723.6	711.0	702.6	702.6	706.8	715.2	715.2
17.5°	2053.1	1703.9	1005.5	732.0	698.4	685.8	681.6	677.3	685.8	694.2	694.2
20°	2036.3	1607.1	854.0	694.2	673.1	664.7	660.5	656.3	660.5	668.9	673.1
22.5°	2015.2	1485.1	753.1	668.9	652.1	639.5	635.3	631.1	631.1	647.9	647.9
25°	1994.2	1350.5	694.2	643.7	626.9	614.2	605.8	601.6	605.8	618.4	618.4
27.5°	1952.1	1203.2	656.3	622.7	605.8	589.0	580.6	572.2	576.4	589.0	589.0
30°	1889.0	1047.6	635.3	601.6	580.6	559.5	546.9	538.5	542.7	555.3	559.5
32.5°	1796.4	912.9	626.9	584.8	559.5	530.1	513.3	500.6	504.9	521.7	521.7
35°	1699.7	816.2	622.7	568.0	534.3	504.9	475.4	458.6	467.0	483.8	488.0
37.5°	1598.7	761.5	622.7	559.5	517.5	479.6	437.5	420.7	424.9	441.7	446.0
40°	1510.4	736.2	626.9	551.1	496.4	450.2	403.9	382.8	391.3	412.3	408.1
42.5°	1476.7	732.0	626.9	530.1	475.4	420.7	370.2	349.2	357.6	370.2	374.4
45°	1514.6	748.9	618.4	509.1	446.0	387.1	345.0	323.9	328.2	336.6	345.0
47.5°	1645.0	769.9	605.8	483.8	420.7	361.8	319.7	302.9	294.5	307.1	311.3
50°	1825.9	782.5	584.8	458.6	399.7	336.6	298.7	277.7	269.3	273.5	277.7
52.5°	2032.0	782.5	563.8	433.3	378.6	311.3	281.9	260.8	244.0	248.2	248.2
55°	2238.2	774.1	509.1	412.3	357.6	294.5	265.0	235.6	223.0	223.0	218.8
57.5°	2452.8	761.5	441.7	382.8	332.4	273.5	244.0	218.8	201.9	193.5	193.5
60°	2663.1	744.7	403.9	353.4	302.9	256.6	223.0	201.9	180.9	168.3	164.1
62.5°	2772.5	698.4	361.8	315.5	273.5	231.4	201.9	180.9	155.7	138.8	134.6
65°	2713.6	601.6	311.3	281.9	248.2	206.1	180.9	159.9	130.4	109.4	109.4
67.5°	2776.7	504.9	265.0	239.8	214.6	176.7	151.5	138.8	113.6	96.8	96.8
70°	2797.7	395.5	223.0	206.1	185.1	147.2	130.4	122.0	101.0	84.1	79.9
72.5°	2642.1	294.5	180.9	172.5	151.5	113.6	109.4	101.0	84.1	67.3	67.3
73°	*2579.0*	*273.5*	*172.5*	*164.1*	*143.0*	*109.4*	*105.2*	*96.8*	*79.9*	*67.3*	*63.1*
75°	2271.9	210.4	143.0	134.6	113.6	92.6	88.3	79.9	67.3	54.7	54.7
77.5°	1506.2	151.5	109.4	101.0	84.1	71.5	67.3	58.9	50.5	42.1	42.1
80°	555.3	101.0	79.9	71.5	63.1	58.9	50.5	42.1	33.7	33.7	29.4
82.5°	113.6	67.3	58.9	50.5	46.3	42.1	33.7	29.4	25.2	25.2	25.2
85°	46.3	42.1	33.7	33.7	33.7	29.4	25.2	25.2	21.0	21.0	16.8
87.5°	29.4	25.2	25.2	21.0	21.0	16.8	16.8	16.8	16.8	16.8	16.8
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

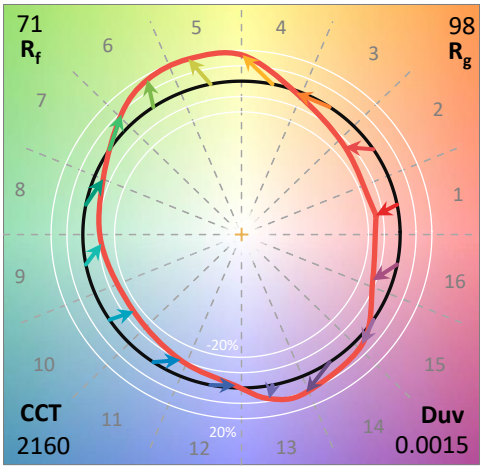
Test Information

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

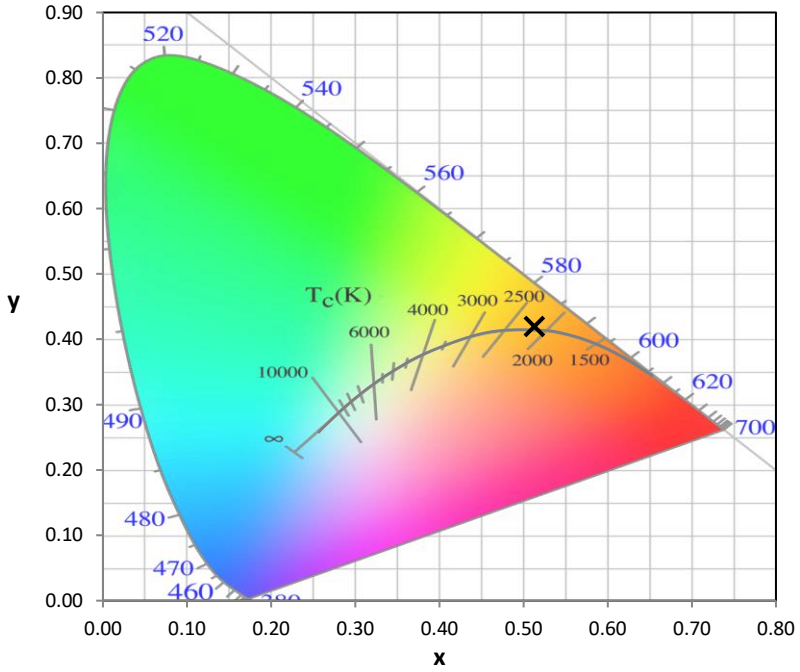
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

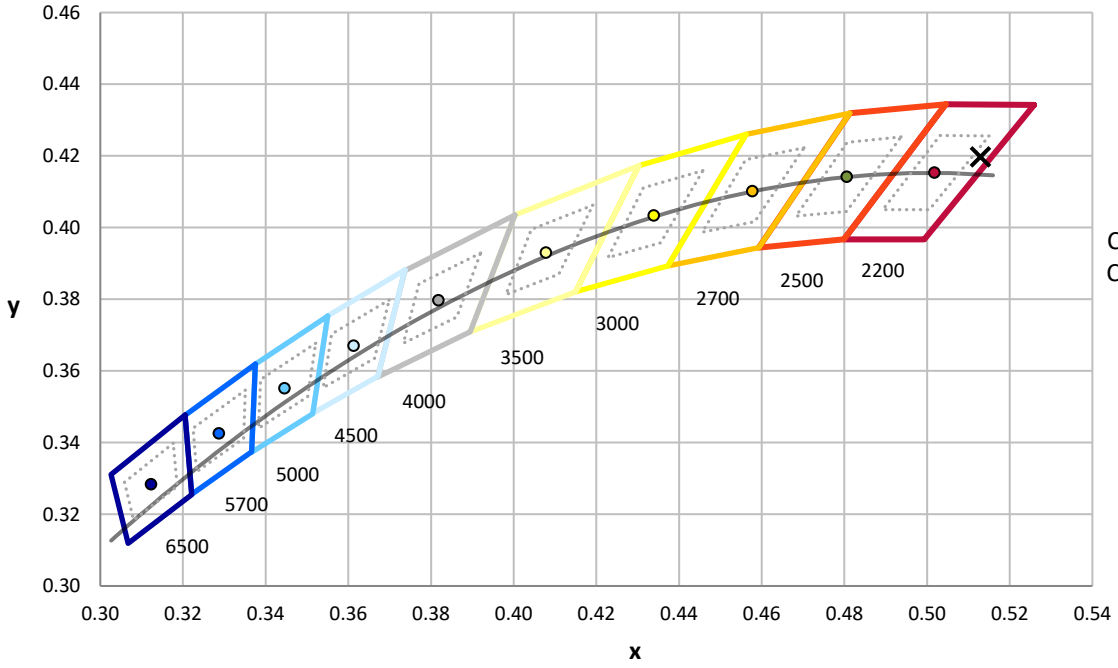
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

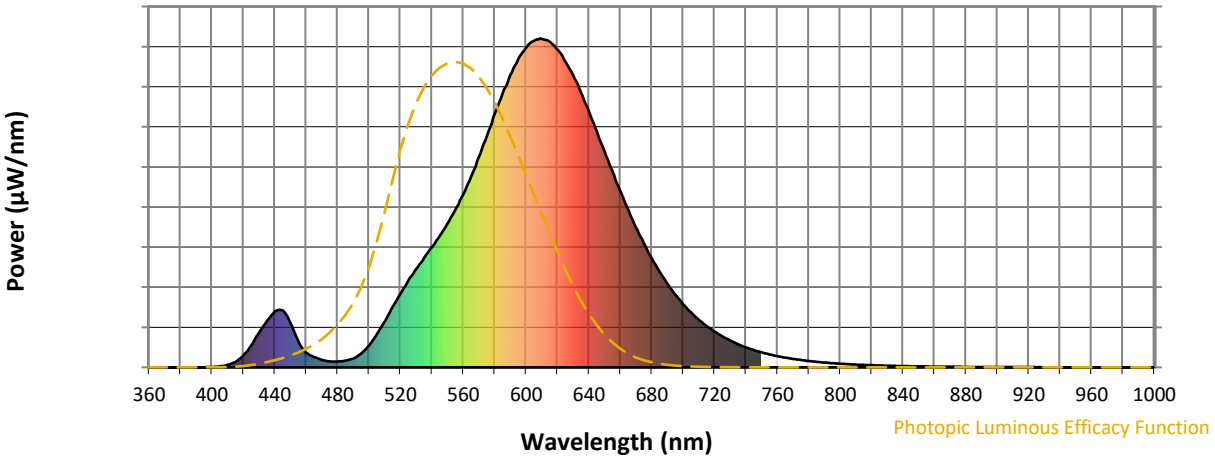


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

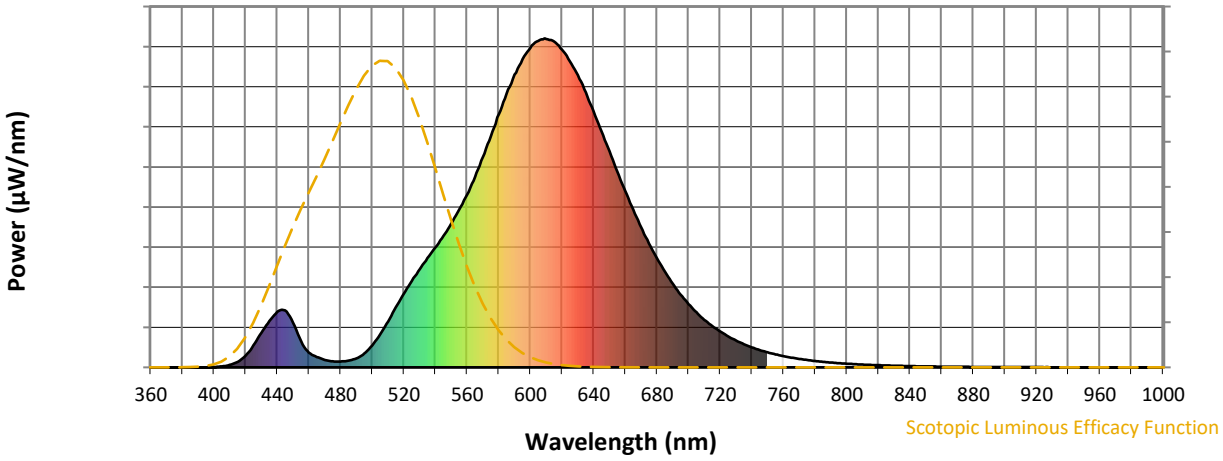


Photopic Lumens: NR

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

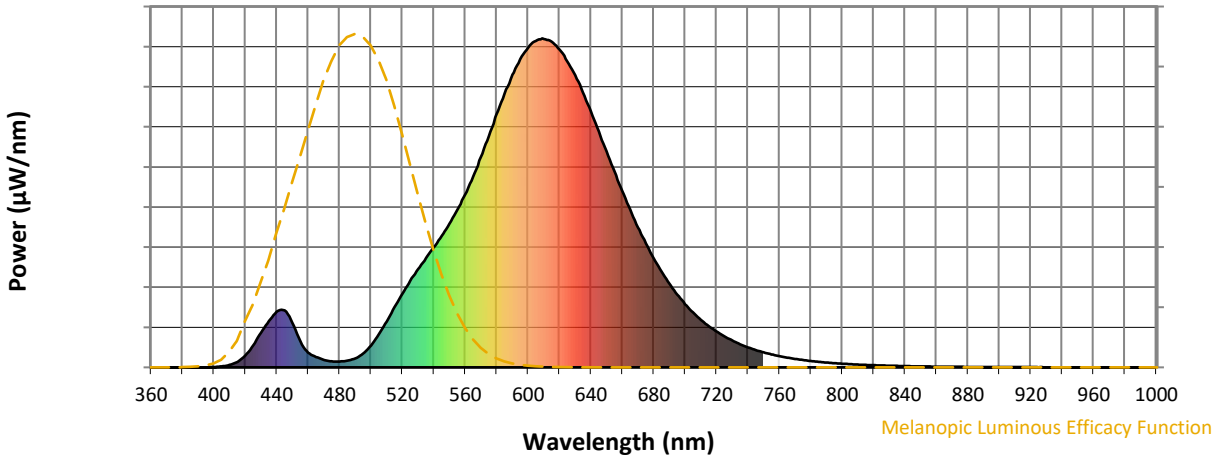


Scotopic Lumens: NR **S/P: 0.8**

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			

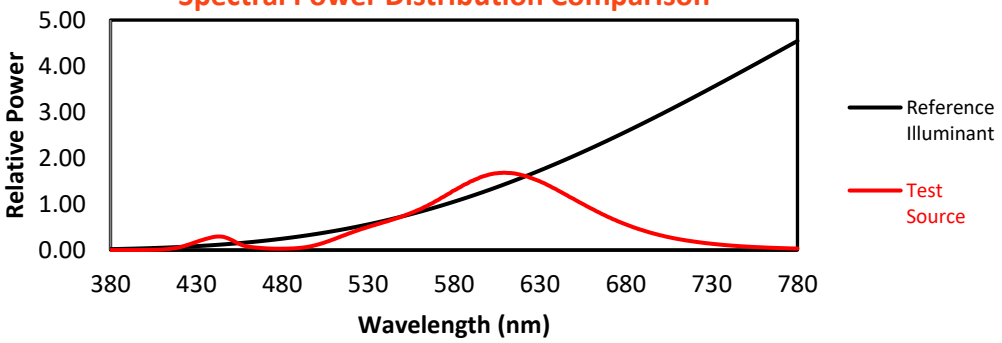
REPORT NUMBER: SP1-2407-184-2

TM-30-18

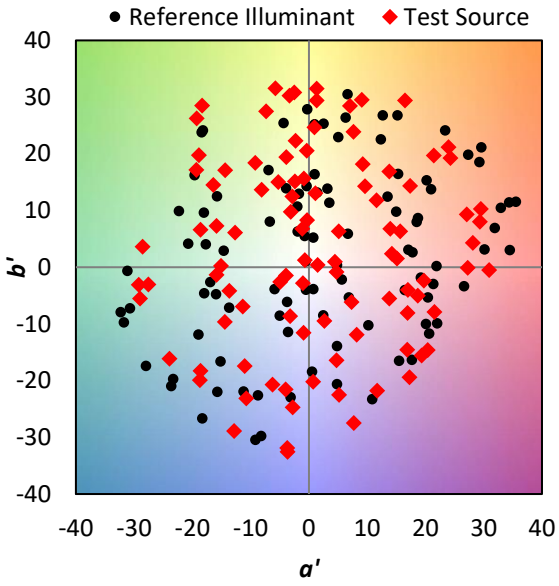
Summary

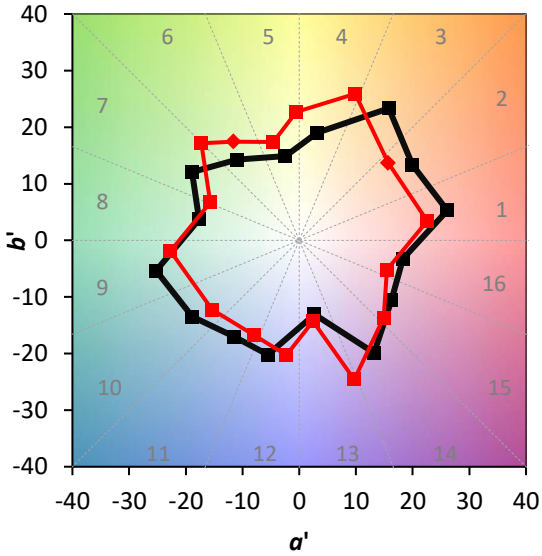
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

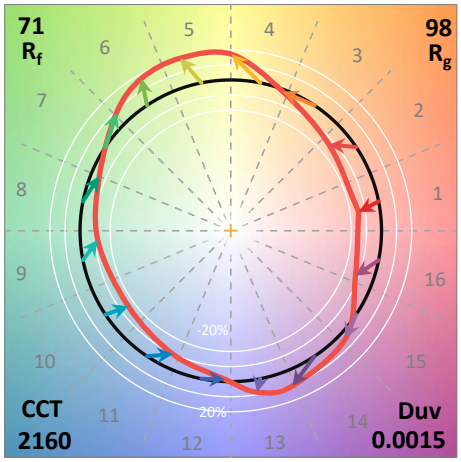
Spectral Power Distribution Comparison

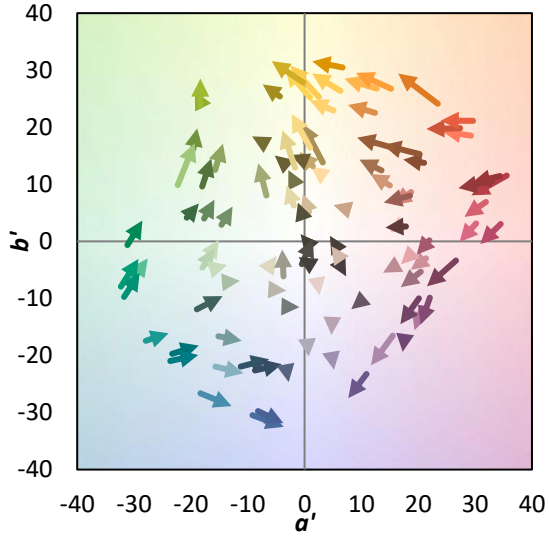


Color Vector Graphics







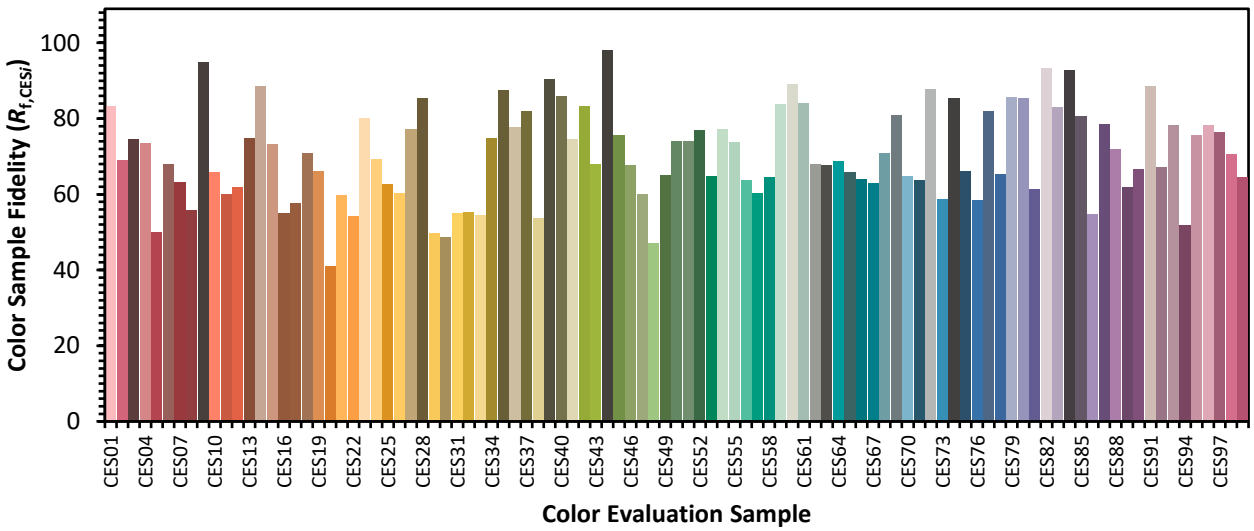


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

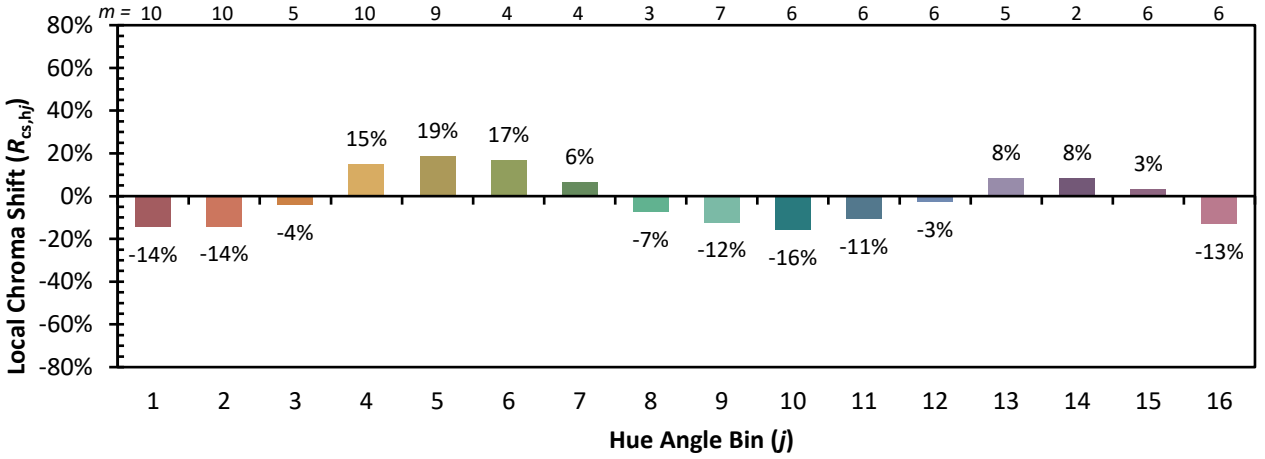
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

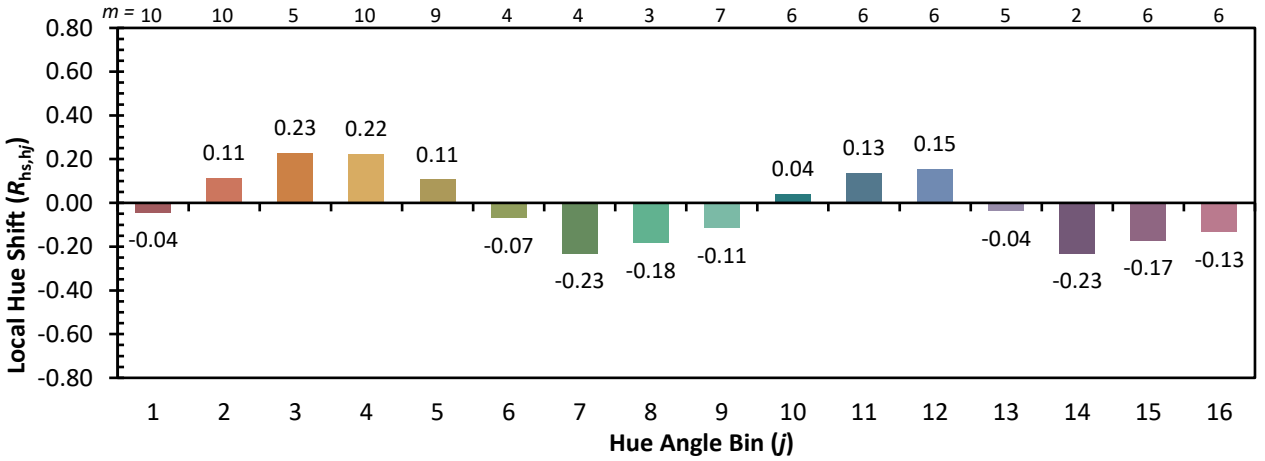


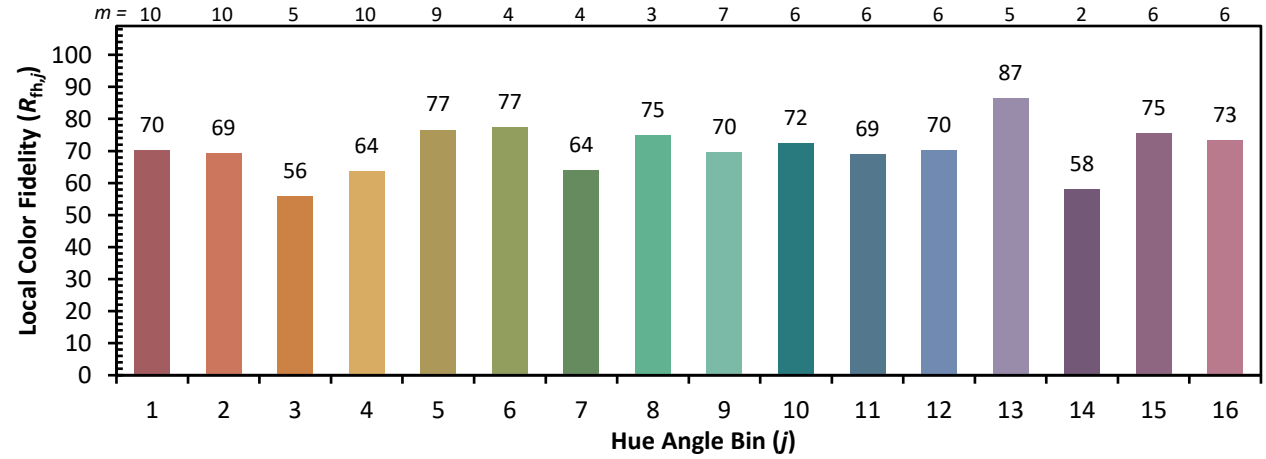
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



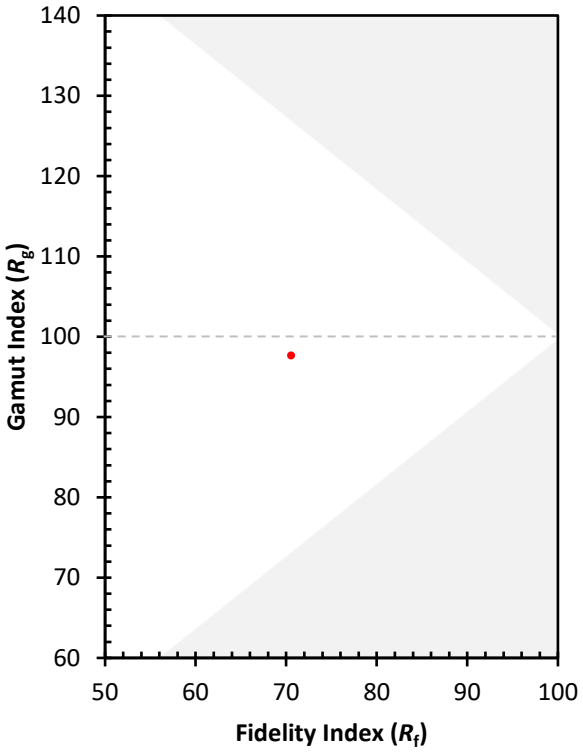


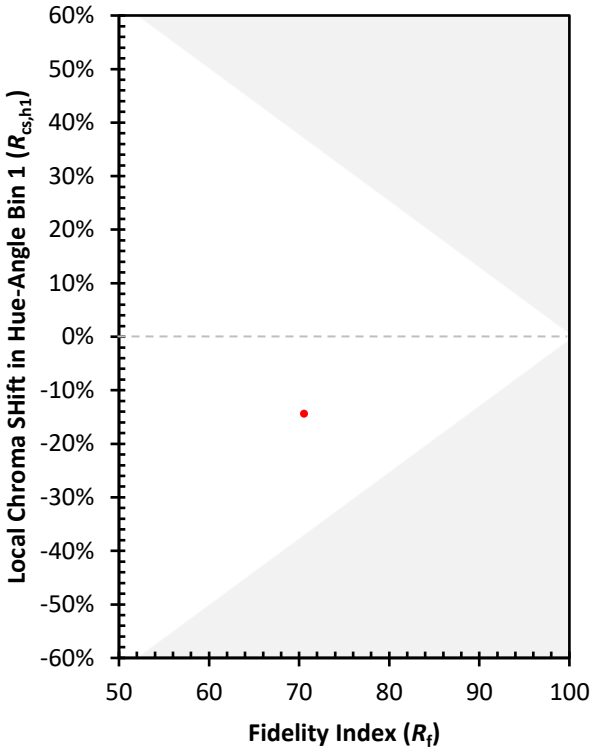


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)