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: P1366454

Luminaire Tested: **GSS-SB2D-722-U-T3R**

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:	P1366454
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-722-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 2200K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(52) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15613.5 lumens
Efficiency:	N/A
Efficacy:	106.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

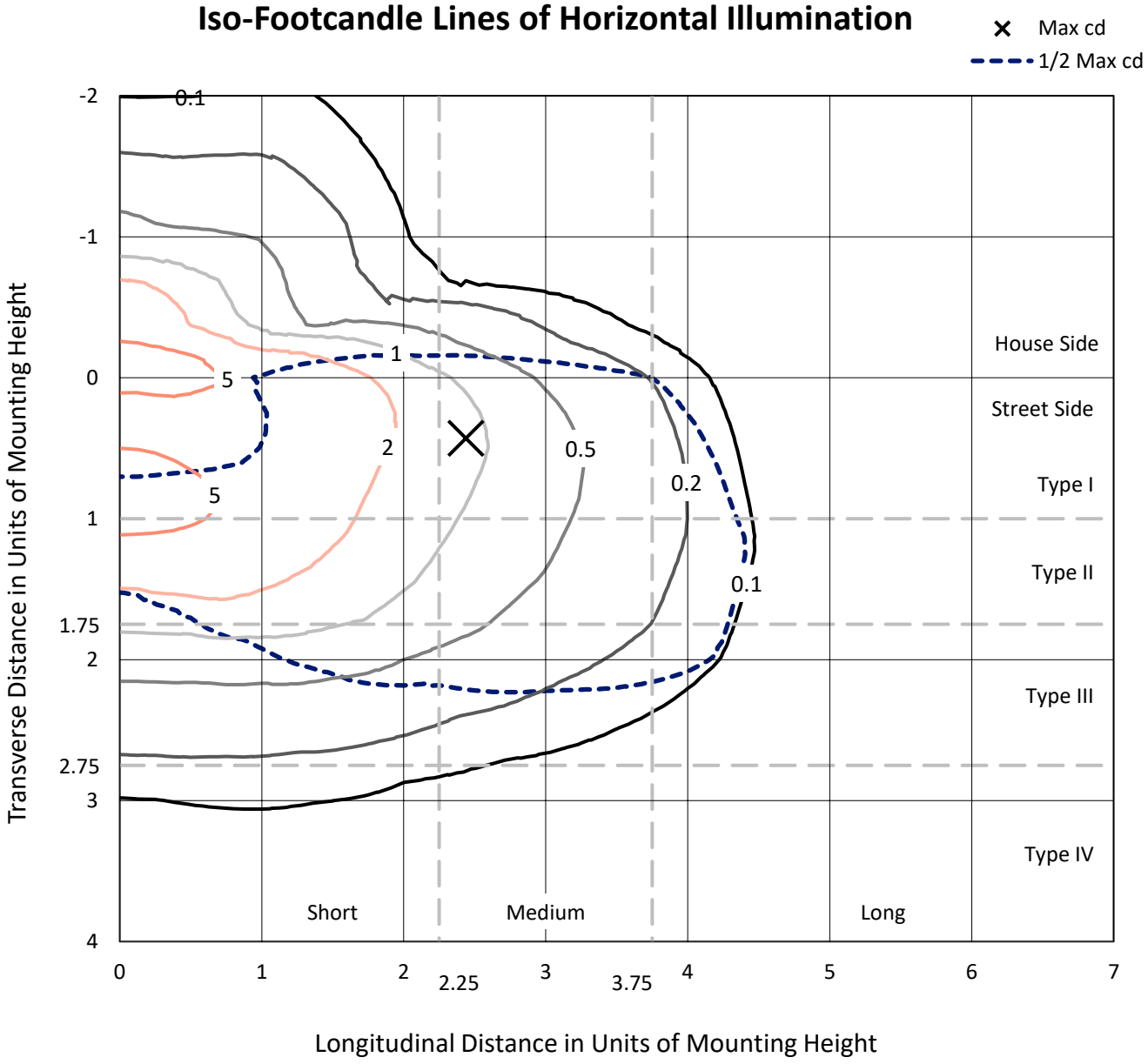
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



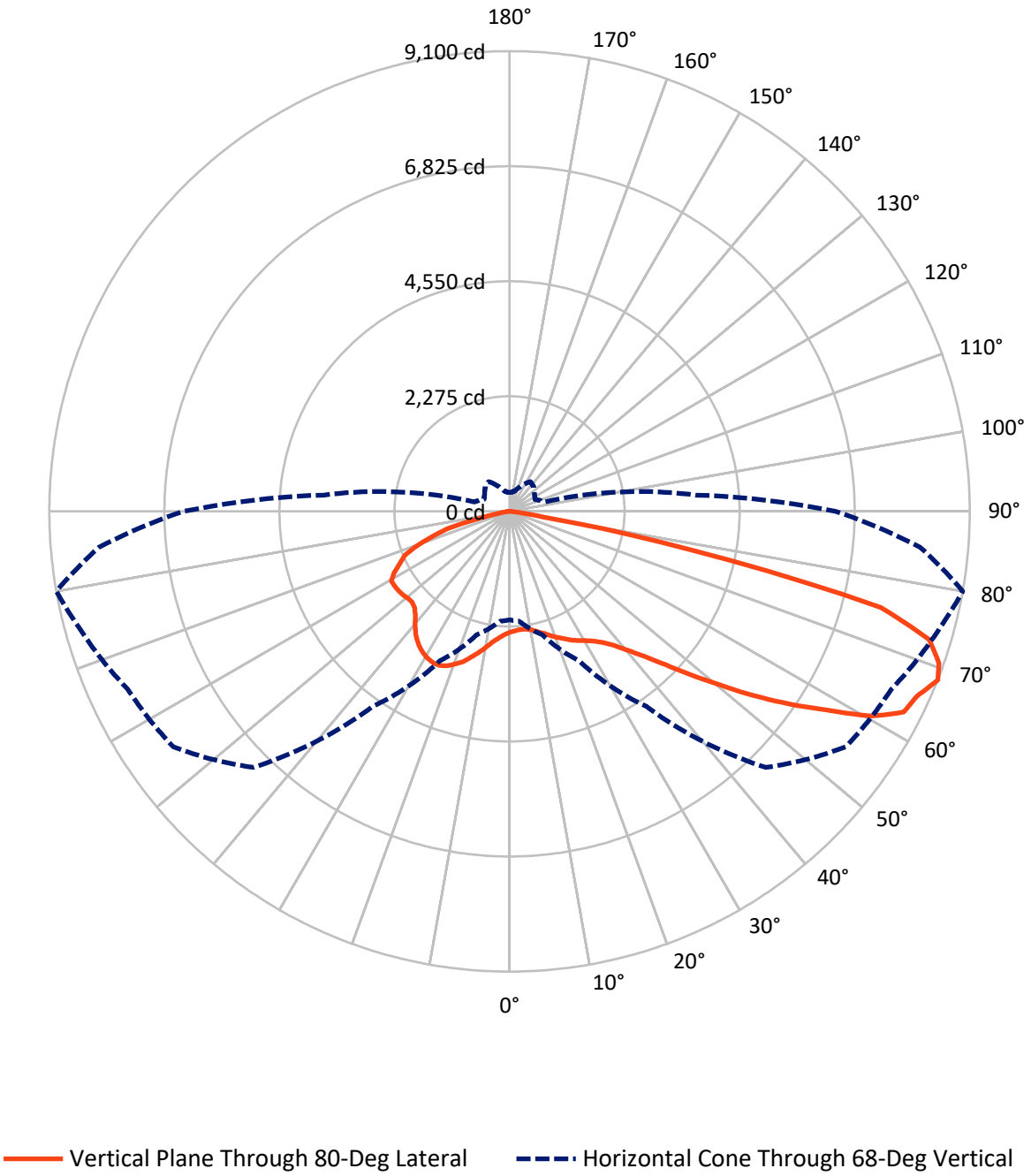
Based on 20 foot mounting height. Maximum calculated value = 6.8 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

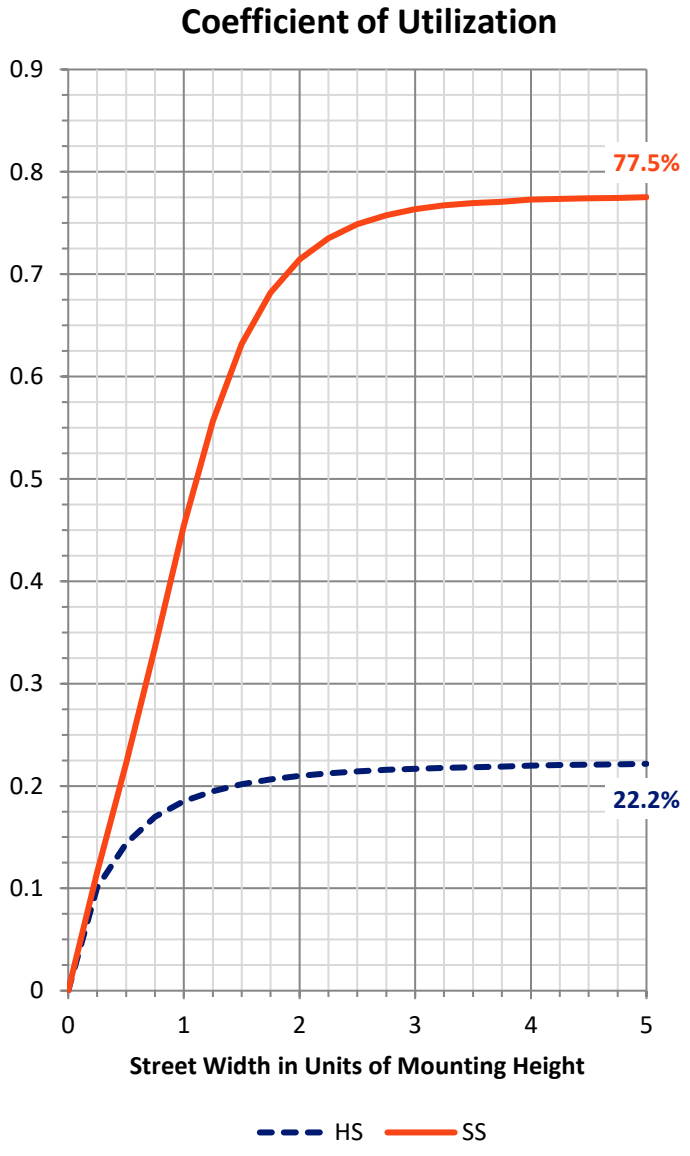
REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3489.0	0.0	3489.0
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	12124.5	0.0	12124.5
	% Fixture	77.7	0.0	77.7
Total	Lumens	15613.5	0.0	15613.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.9	1.5
10°-20°	659.2	4.2
20°-30°	1086.9	7.0
30°-40°	1668.7	10.7
40°-50°	2576.5	16.5
50°-60°	3558.7	22.8
60°-70°	3647.3	23.4
70°-80°	2065.7	13.2
80°-90°	119.7	0.8
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°	15613.5	100.0
0°-180°	15613.5	100.0



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

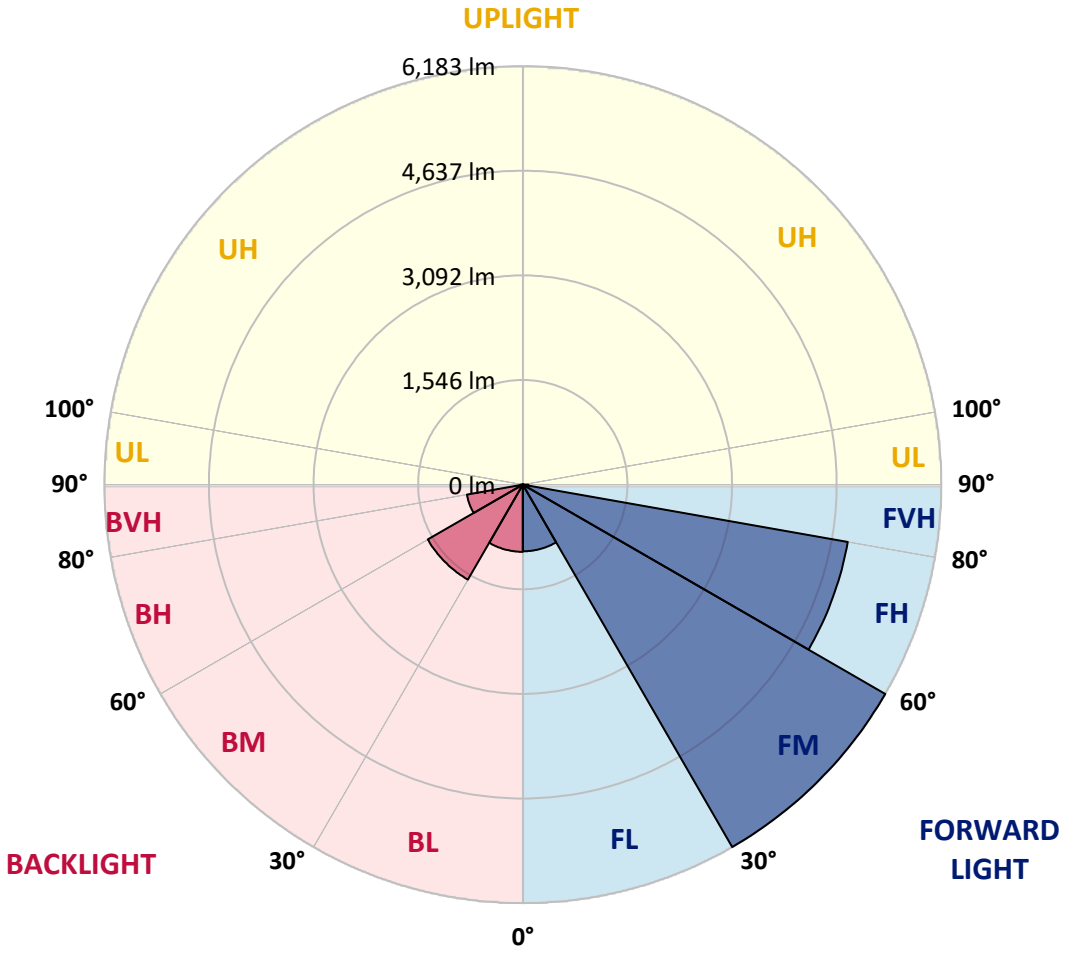
Scaled Data Report

REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	984.4	6.3			
FM	(30°-60°)	6183.1	39.6			
FH	(60°-80°)	4874.5	31.2			G2/5000
FVH	(80°-90°)	82.6	0.5			G1/100
BL	(0°-30°)	992.6	6.4	B2/1000		
BM	(30°-60°)	1620.8	10.4	B2/2500		
BH	(60°-80°)	838.5	5.4	B2/1000		G2/1000
BVH	(80°-90°)	37.2	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	*2385.2*	2385.2
2.5°	2217.7	2210.4	2206.8	2214.1	2225.0	2246.9	2272.3	2290.6	2334.3	*2359.7*	2381.6
5°	2101.2	2097.6	2097.6	2115.8	2134.0	2159.5	2195.9	2228.6	2294.2	*2345.2*	2381.6
7.5°	1962.8	1959.2	1959.2	1999.2	2035.6	2093.9	2152.2	2206.8	2286.9	*2352.5*	2410.7
10°	1817.1	1817.1	1824.4	1875.4	1937.3	2021.1	2119.4	2203.2	2305.1	*2381.6*	2461.7
12.5°	1755.2	1751.6	1755.2	1802.6	1864.5	1977.4	2090.3	2217.7	2341.5	*2439.9*	2534.5
15°	1769.8	1762.5	1755.2	1795.3	1842.6	1955.5	2090.3	2246.9	2403.4	*2498.1*	2629.2
17.5°	1846.3	1842.6	1820.8	1831.7	1864.5	1966.5	2108.5	2290.6	2465.3	*2578.2*	2720.3
20°	1995.6	1984.7	1951.9	1933.7	1937.3	2002.9	2141.2	2348.8	2523.6	*2658.4*	2818.6
22.5°	2243.2	2235.9	2181.3	2108.5	2061.1	2079.3	2199.5	2414.4	2603.7	*2731.2*	2931.5
25°	2571.0	2552.7	2469.0	2352.5	2243.2	2203.2	2272.3	2501.8	2680.2	*2818.6*	3037.1
27.5°	2920.5	2924.2	2847.7	2672.9	2483.6	2348.8	2367.0	2589.2	2767.6	*2891.4*	3128.1
30°	3328.4	3310.2	3226.4	3044.4	2767.6	2541.8	2465.3	2672.9	2847.7	*2964.2*	3237.4
32.5°	3867.4	3871.0	3721.7	3441.3	3095.3	2778.5	2592.8	2760.3	2938.8	*3058.9*	3372.1
35°	4519.2	4504.6	4326.2	3987.5	3517.8	3051.6	2756.7	2873.2	3048.0	*3182.7*	3528.7
37.5°	5101.9	5061.8	4956.2	4632.1	4049.4	3423.1	2978.8	3022.5	3219.2	*3361.2*	3761.8
40°	5622.6	5604.4	5586.2	5338.6	4657.6	3885.6	3270.1	3251.9	3430.4	*3616.1*	4049.4
42.5°	6052.3	6048.7	6055.9	6001.3	5400.5	4464.6	3678.0	3550.5	3729.0	*3918.3*	4388.1
45°	6365.5	6358.2	6434.7	6547.6	6125.1	5156.5	4158.7	3922.0	4107.7	*4322.6*	4817.8
47.5°	6700.5	6704.1	6809.8	6999.1	6831.6	5844.7	4704.9	4384.5	4552.0	*4825.1*	5331.3
50°	6831.6	6831.6	7082.9	7352.3	7399.7	6576.7	5356.8	4934.3	5105.5	*5396.8*	5848.4
52.5°	6547.6	6602.2	7042.8	7549.0	7771.1	7254.0	6045.0	5531.6	5677.2	*6052.3*	6361.8
55°	4959.8	5152.8	6736.9	7454.3	7909.5	7785.7	6729.6	6194.3	6354.6	*6726.0*	6889.9
57.5°	4282.5	4333.5	5283.9	7122.9	7734.7	8073.4	7363.3	6900.8	7046.5	*7410.6*	7439.7
60°	3765.4	3834.6	4417.2	6562.1	7388.8	8044.3	7891.3	7552.6	7756.6	*8219.0*	7996.9
62.5°	3051.6	3124.5	3616.1	5243.9	6933.6	7840.3	8302.8	8168.1	8361.1	*8747.1*	8226.3
65°	2687.5	2713.0	3066.2	4020.3	6096.0	7665.5	8514.0	8430.3	8514.0	*8838.1*	8109.8
67.5°	2239.6	2290.6	2632.9	3412.2	4923.4	7294.1	8200.8	8321.0	8736.2	*9056.6*	8197.2
68°	*2144.9*	*2181.3*	*2530.9*	*3262.9*	*4704.9*	*7159.3*	*8117.1*	*8328.3*	*8823.5*	*9100.3*	*8149.9*
70°	1751.6	1802.6	2112.1	2734.8	3943.8	5731.8	7789.3	8470.3	8885.5	*9009.3*	7891.3
72.5°	866.7	957.7	1456.6	1930.0	2847.7	4144.1	6828.0	8288.2	8758.0	*8681.5*	7345.1
75°	305.9	327.7	681.0	1045.1	1380.2	2683.8	4828.7	7556.3	8029.7	*7581.8*	6157.9
77.5°	218.5	236.7	386.0	528.0	568.1	1347.4	3095.3	4996.2	4748.6	*3678.0*	2804.0
80°	171.2	185.7	287.7	295.0	284.0	473.4	1056.1	1514.9	1067.0	*670.1*	484.3
82.5°	105.6	127.5	214.9	178.4	131.1	149.3	247.6	407.9	291.3	*185.7*	149.3
85°	40.1	51.0	98.3	69.2	43.7	58.3	83.8	109.2	83.8	*61.9*	54.6
87.5°	3.6	3.6	7.3	7.3	10.9	14.6	21.8	29.1	32.8	*32.8*	32.8
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

Scaled Data Report

REPORT NUMBER: P1366454
CATALOG NUMBER: GSS-SB2D-722-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2	2385.2
2.5°	2396.2	2407.1	2454.4	2479.9	2527.3	2563.7	2585.5	2596.4	2607.4	2614.7	2611.0
5°	2421.7	2454.4	2545.5	2614.7	2669.3	2705.7	2723.9	2738.5	2742.1	2749.4	2745.8
7.5°	2469.0	2520.0	2658.4	2738.5	2785.8	2800.4	2785.8	2778.5	2767.6	2756.7	2756.7
10°	2545.5	2625.6	2789.5	2847.7	2851.4	2829.5	2782.2	2727.5	2687.5	2672.9	2665.6
12.5°	2643.8	2756.7	2924.2	2938.8	2891.4	2789.5	2654.7	2541.8	2469.0	2414.4	2410.7
15°	2764.0	2895.1	3040.7	2997.0	2862.3	2647.4	2425.3	2265.1	2181.3	2134.0	2112.1
17.5°	2887.8	3055.3	3146.3	3026.2	2742.1	2392.5	2126.7	1999.2	1922.8	1897.3	1879.1
20°	3026.2	3186.4	3219.2	2982.5	2523.6	2108.5	1868.1	1788.0	1788.0	1780.7	1773.4
22.5°	3168.2	3321.1	3259.2	2862.3	2235.9	1828.1	1682.4	1711.5	1762.5	1777.1	1777.1
25°	3299.3	3437.7	3259.2	2647.4	1893.6	1598.7	1609.6	1678.8	1744.3	1780.7	1780.7
27.5°	3426.7	3510.5	3193.7	2345.2	1584.1	1482.1	1547.7	1631.4	1737.0	1791.7	1795.3
30°	3554.2	3565.1	3077.1	1959.2	1362.0	1398.4	1474.8	1584.1	1700.6	1769.8	1777.1
32.5°	3688.9	3616.1	2913.3	1576.8	1260.0	1318.3	1409.3	1496.7	1587.7	1638.7	1642.4
35°	3841.9	3663.4	2702.1	1281.8	1194.4	1263.6	1332.8	1362.0	1387.4	1416.6	1434.8
37.5°	4009.4	3725.3	2425.3	1132.5	1132.5	1212.6	1252.7	1194.4	1187.2	1183.5	1172.6
40°	4195.1	3790.9	2079.3	1056.1	1085.2	1158.0	1125.2	1056.1	1005.1	950.5	954.1
42.5°	4428.2	3874.6	1686.1	1019.6	1052.4	1114.3	1023.3	939.5	801.1	764.7	772.0
45°	4694.0	3980.2	1372.9	986.9	1026.9	1074.3	954.1	793.9	706.5	742.9	768.4
47.5°	4974.4	4118.6	1147.1	961.4	1016.0	1026.9	910.4	728.3	670.1	750.2	782.9
50°	5305.8	4246.1	1041.5	935.9	1012.4	1012.4	833.9	717.4	640.9	710.1	742.9
52.5°	5640.8	4369.9	986.9	906.8	1001.4	1008.7	815.7	702.8	600.9	622.7	637.3
55°	5968.5	4439.1	957.7	866.7	990.5	990.5	823.0	677.3	560.8	560.8	568.1
57.5°	6299.9	4486.4	932.2	819.4	954.1	935.9	823.0	659.1	546.2	531.7	539.0
60°	6667.7	4515.6	906.8	764.7	903.1	870.3	819.4	644.6	528.0	506.2	509.8
62.5°	6726.0	4311.6	859.4	706.5	833.9	815.7	804.8	626.4	498.9	455.2	455.2
65°	6518.4	4005.7	801.1	633.6	742.9	761.1	775.7	604.5	469.8	418.8	422.4
67.5°	6496.6	3776.3	739.2	568.1	622.7	691.9	739.2	568.1	426.1	382.4	378.7
68°	*6445.6*	*3692.6*	*721.0*	*553.5*	*600.9*	*677.3*	*717.4*	*553.5*	*418.8*	*375.1*	*375.1*
70°	6117.9	3328.4	611.8	488.0	531.7	553.5	630.0	491.6	375.1	338.7	342.3
72.5°	5480.6	2713.0	469.8	396.9	426.1	426.1	546.2	455.2	342.3	309.5	309.5
75°	4570.2	2144.9	356.9	313.2	298.6	346.0	444.3	411.5	302.3	276.8	265.8
77.5°	2075.7	925.0	233.1	218.5	222.1	269.5	353.2	353.2	287.7	225.8	200.3
80°	458.8	287.7	142.0	131.1	131.1	171.2	247.6	254.9	207.6	156.6	134.7
82.5°	152.9	116.5	87.4	80.1	76.5	91.0	152.9	167.5	123.8	91.0	91.0
85°	58.3	54.6	47.3	43.7	36.4	36.4	47.3	76.5	65.5	43.7	43.7
87.5°	29.1	29.1	25.5	18.2	14.6	10.9	7.3	7.3	7.3	10.9	7.3
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

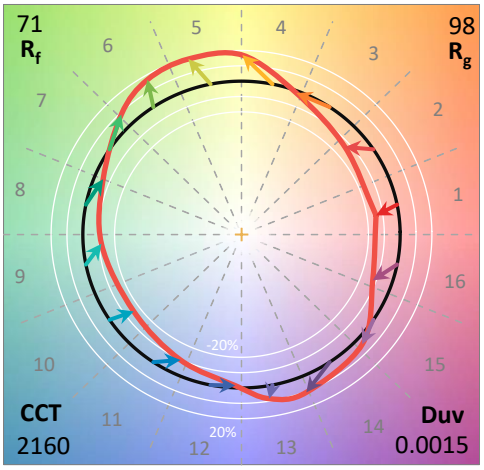
Test Information

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

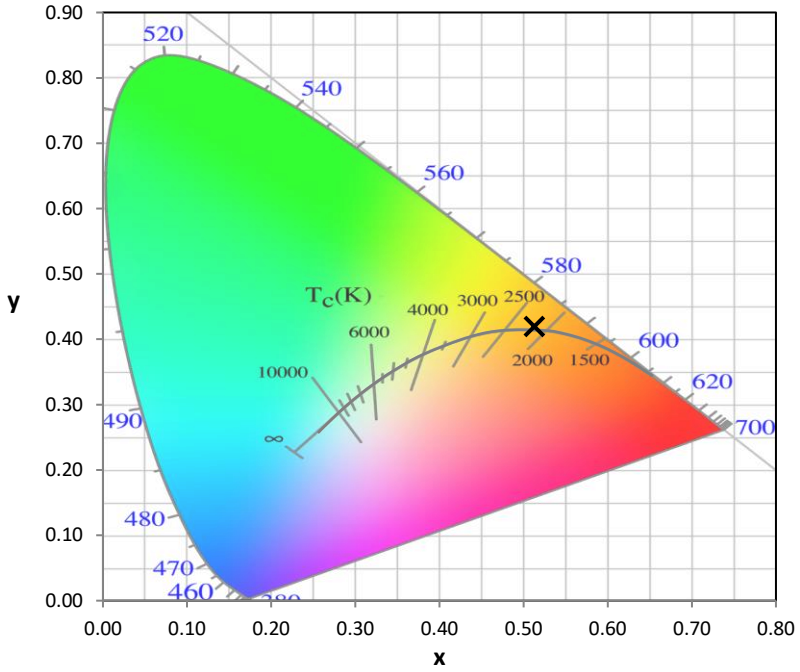
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

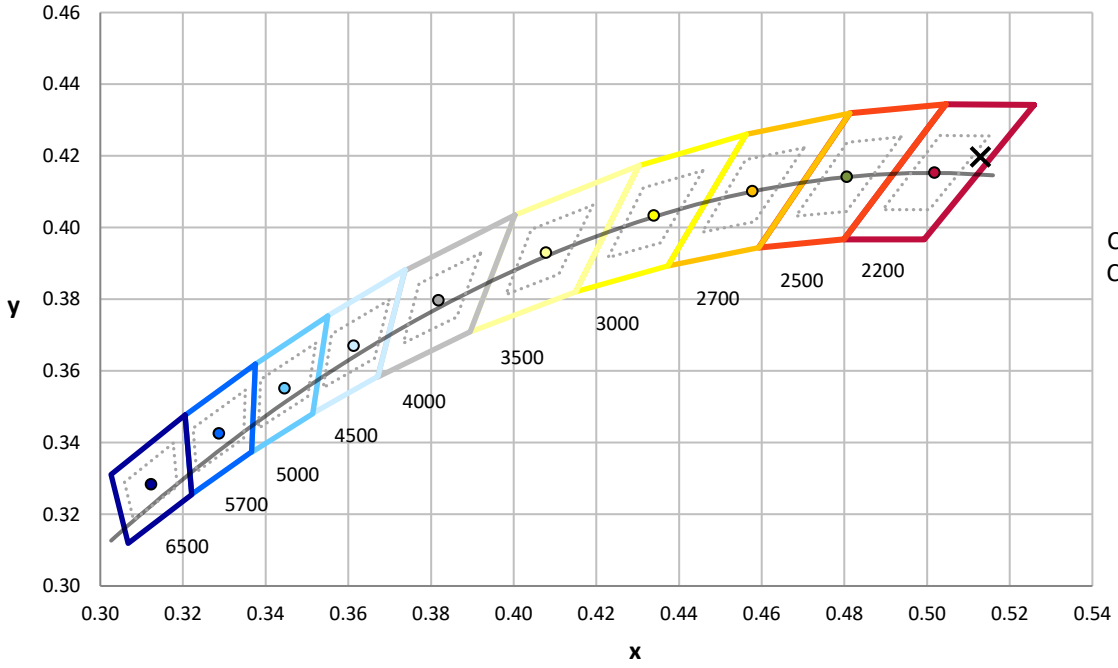
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

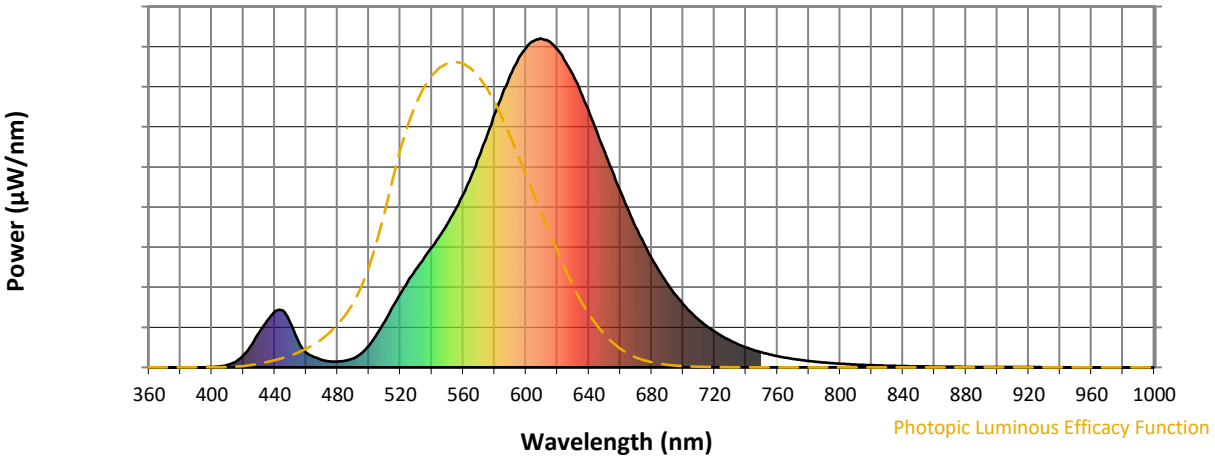


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

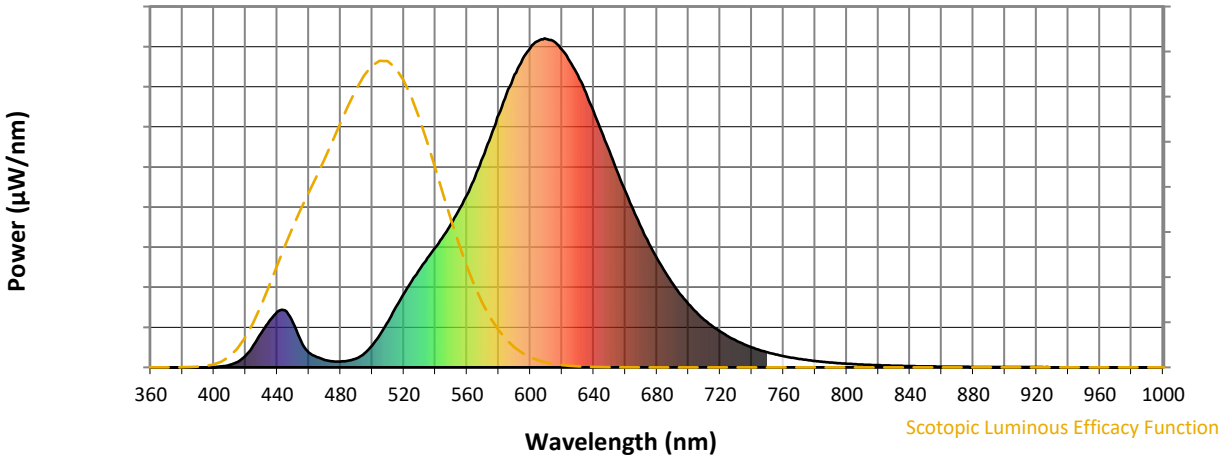


Photopic Lumens: NR

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

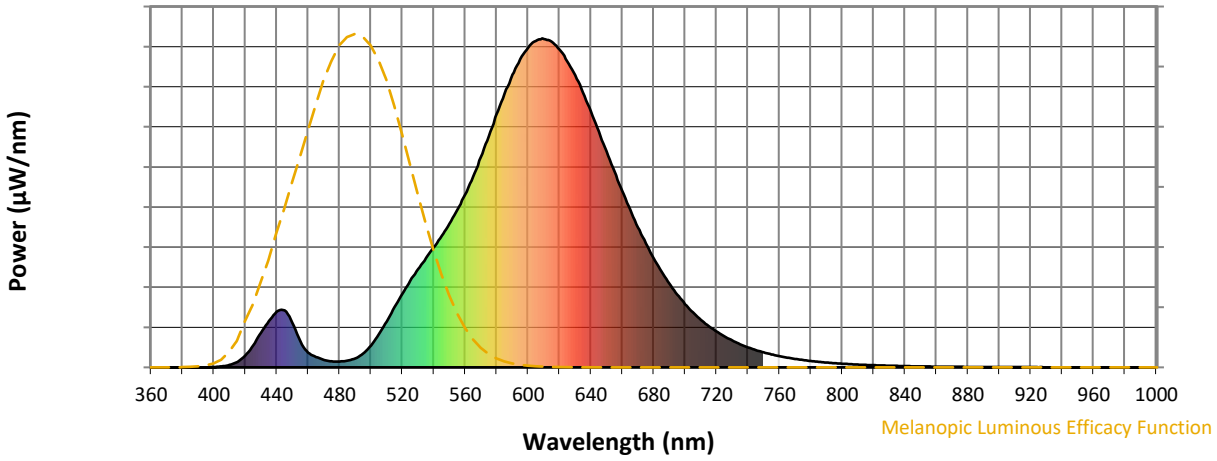


Scotopic Lumens: NR **S/P: 0.8**

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			

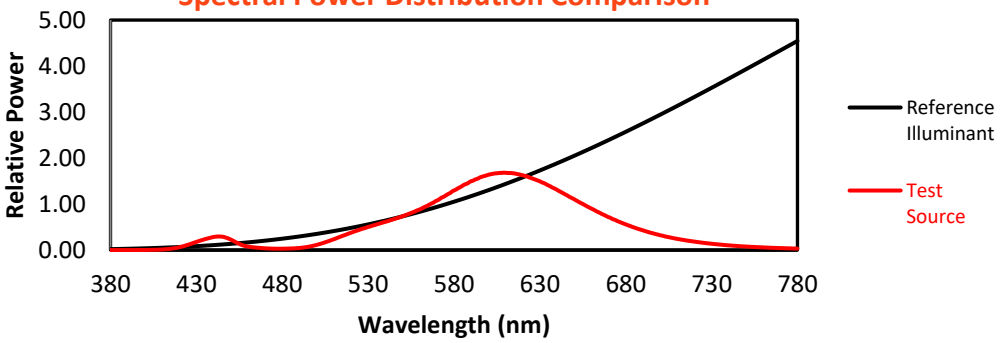
REPORT NUMBER: SP1-2407-184-2

TM-30-18

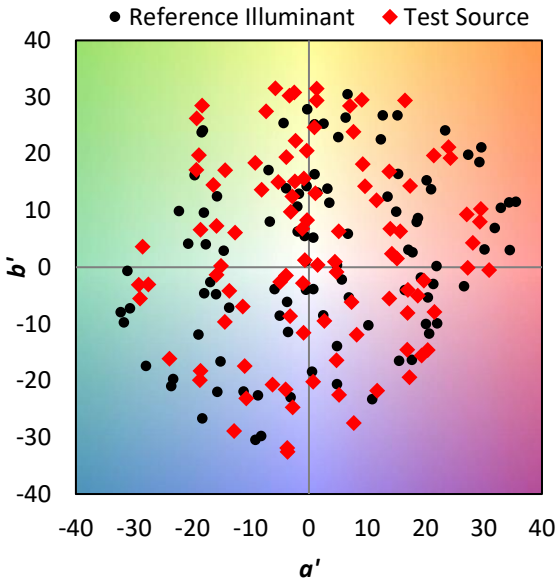
Summary

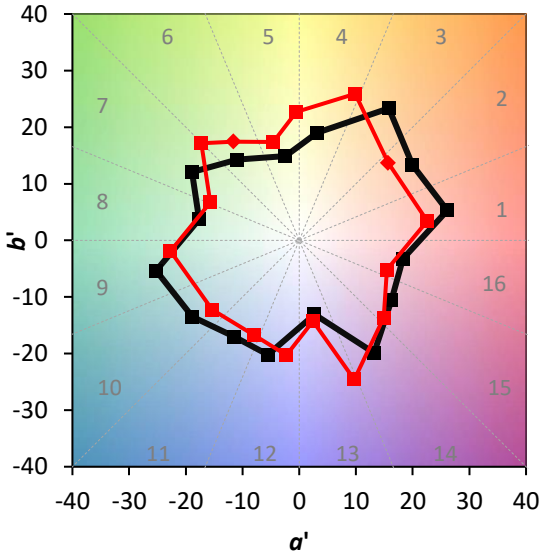
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

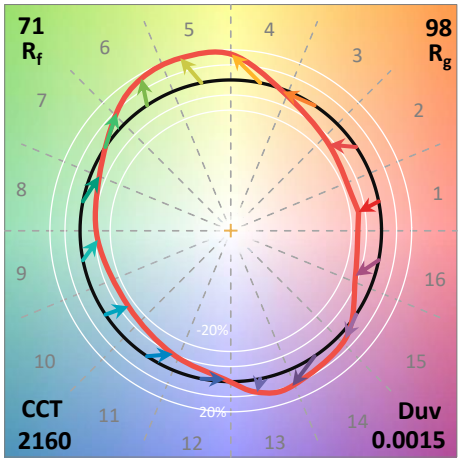
Spectral Power Distribution Comparison

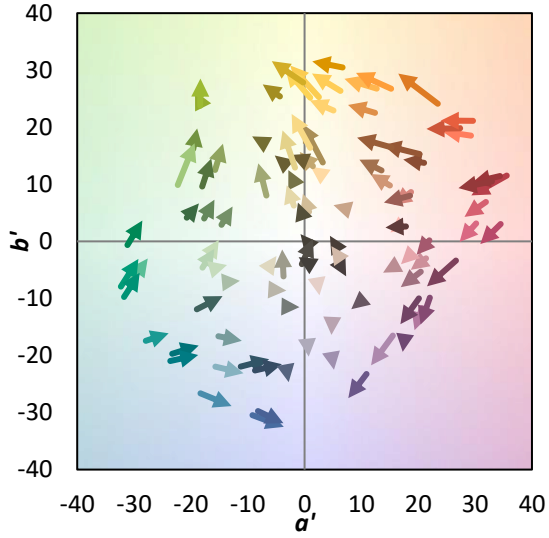


Color Vector Graphics







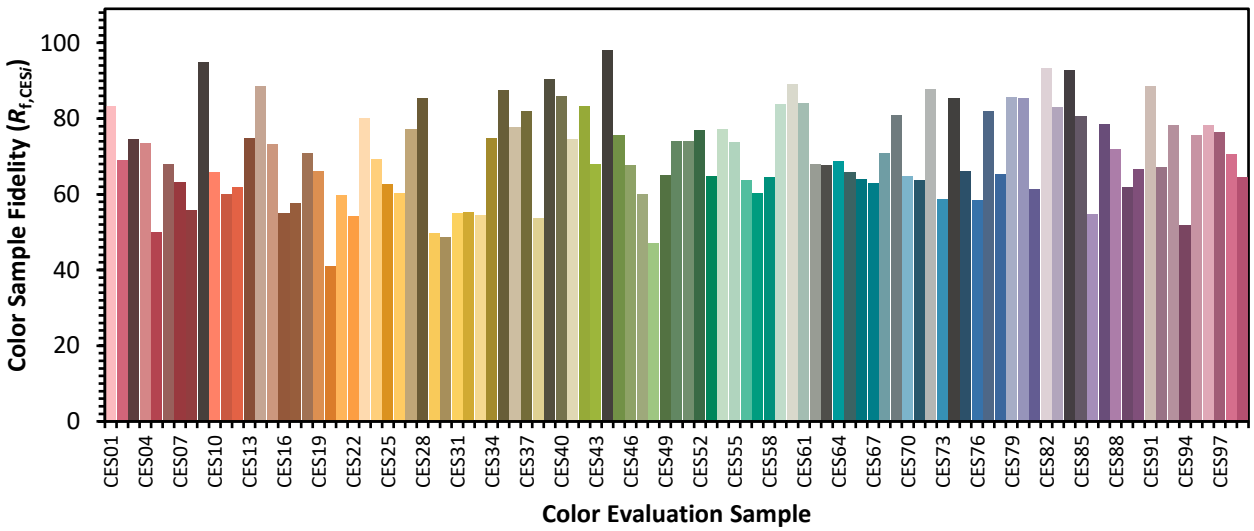


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

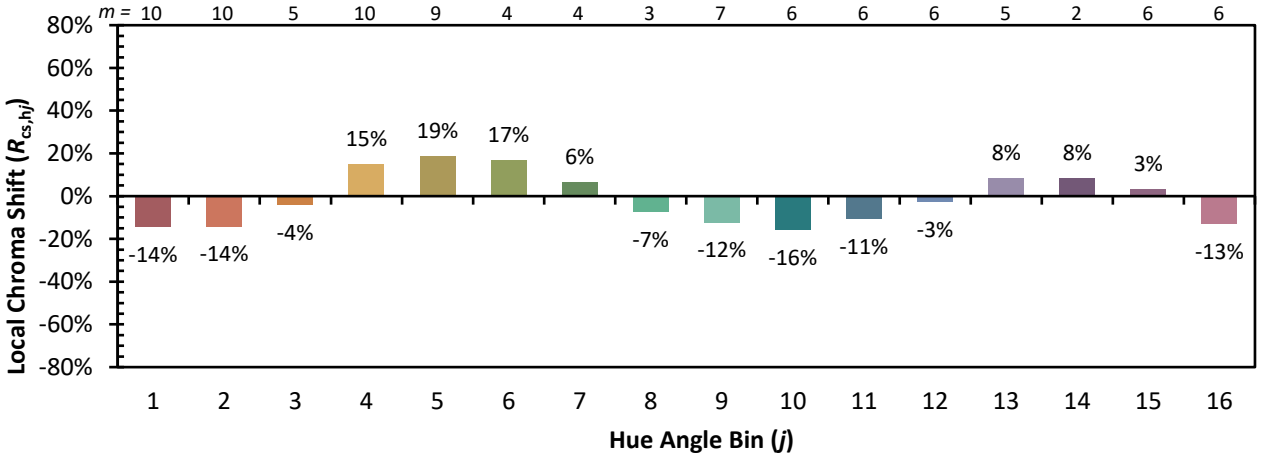
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

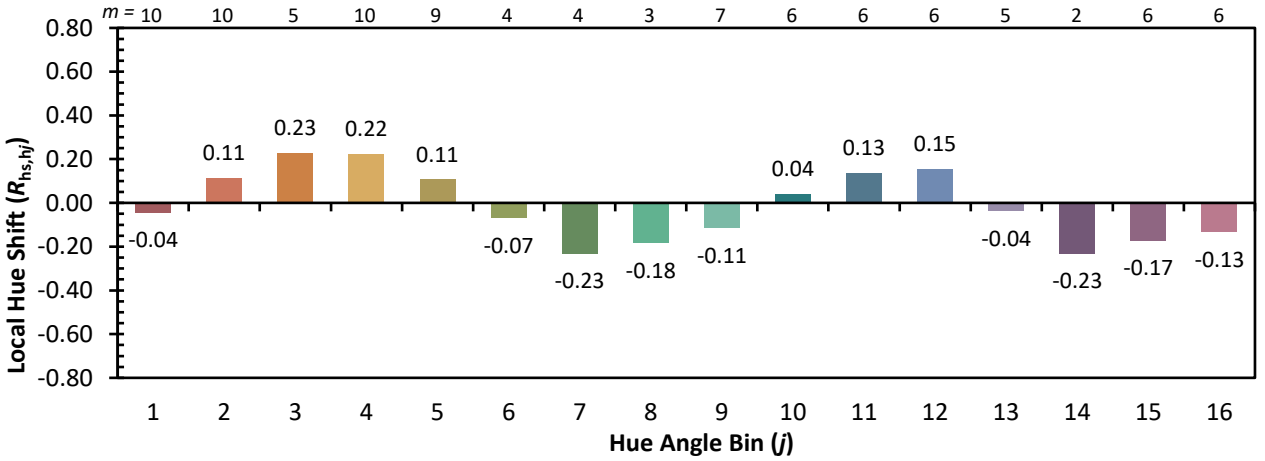


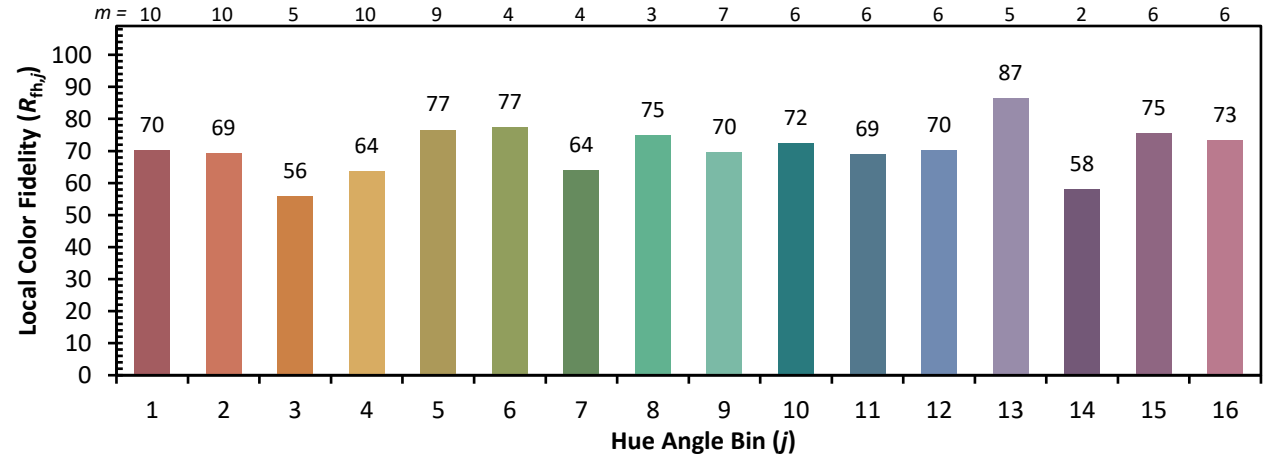
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



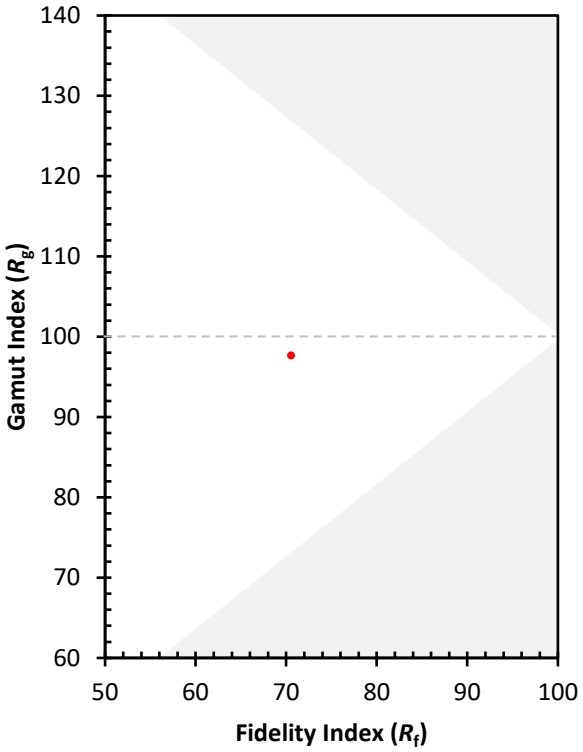


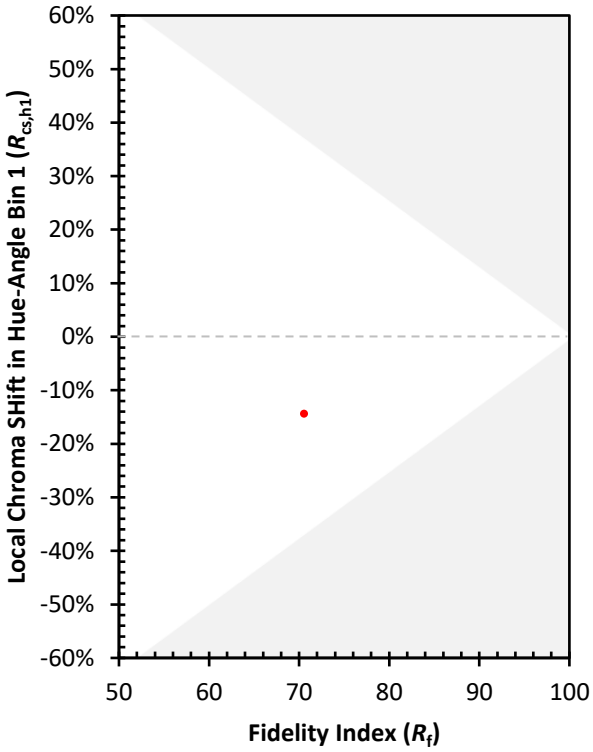


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)