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: P1357631

Luminaire Tested: **GSS-SB5A-722-U-T4FT**

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:	P1357631
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-722-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 2200K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17005.8 lumens
Efficiency:	N/A
Efficacy:	118.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

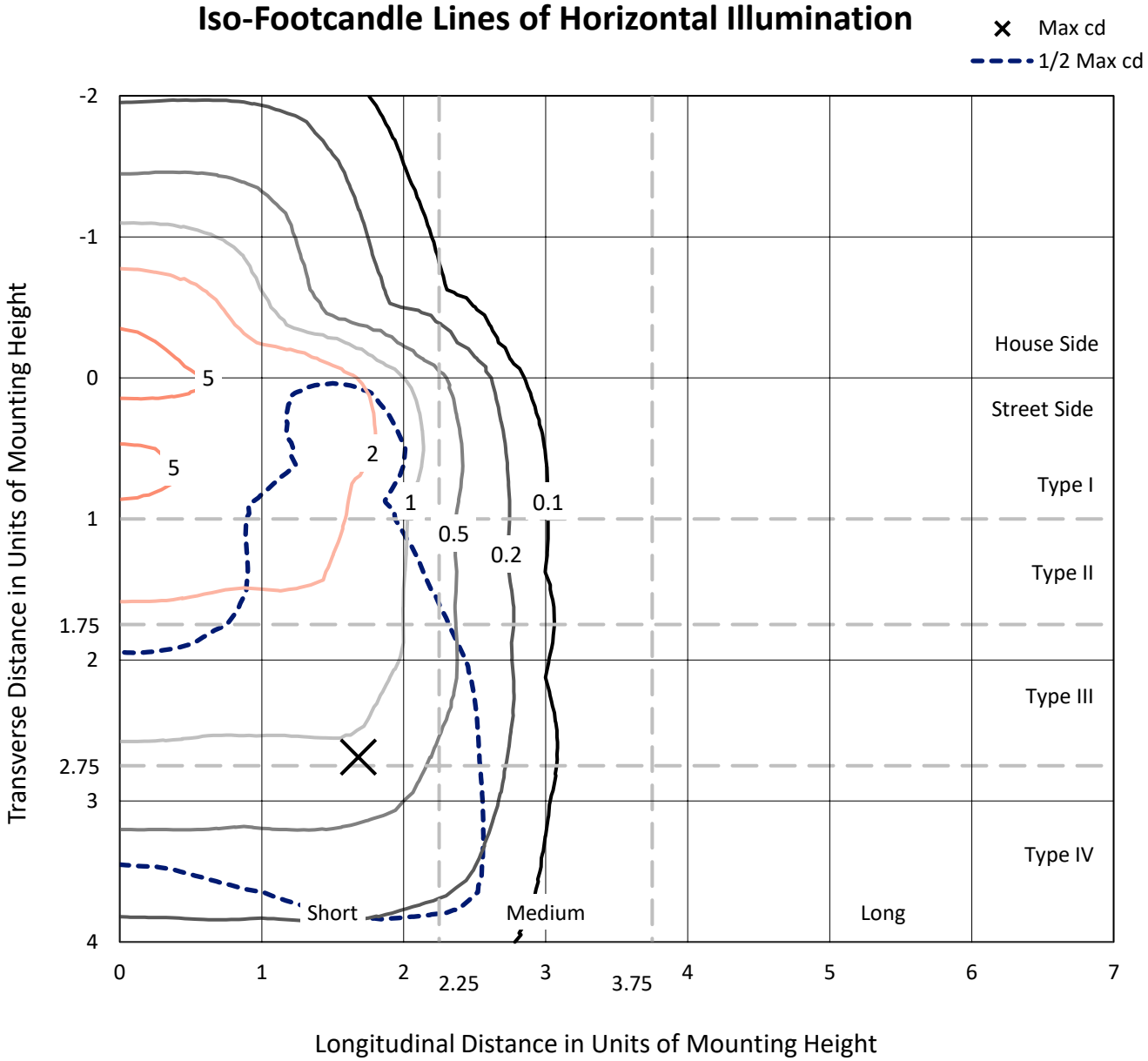
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



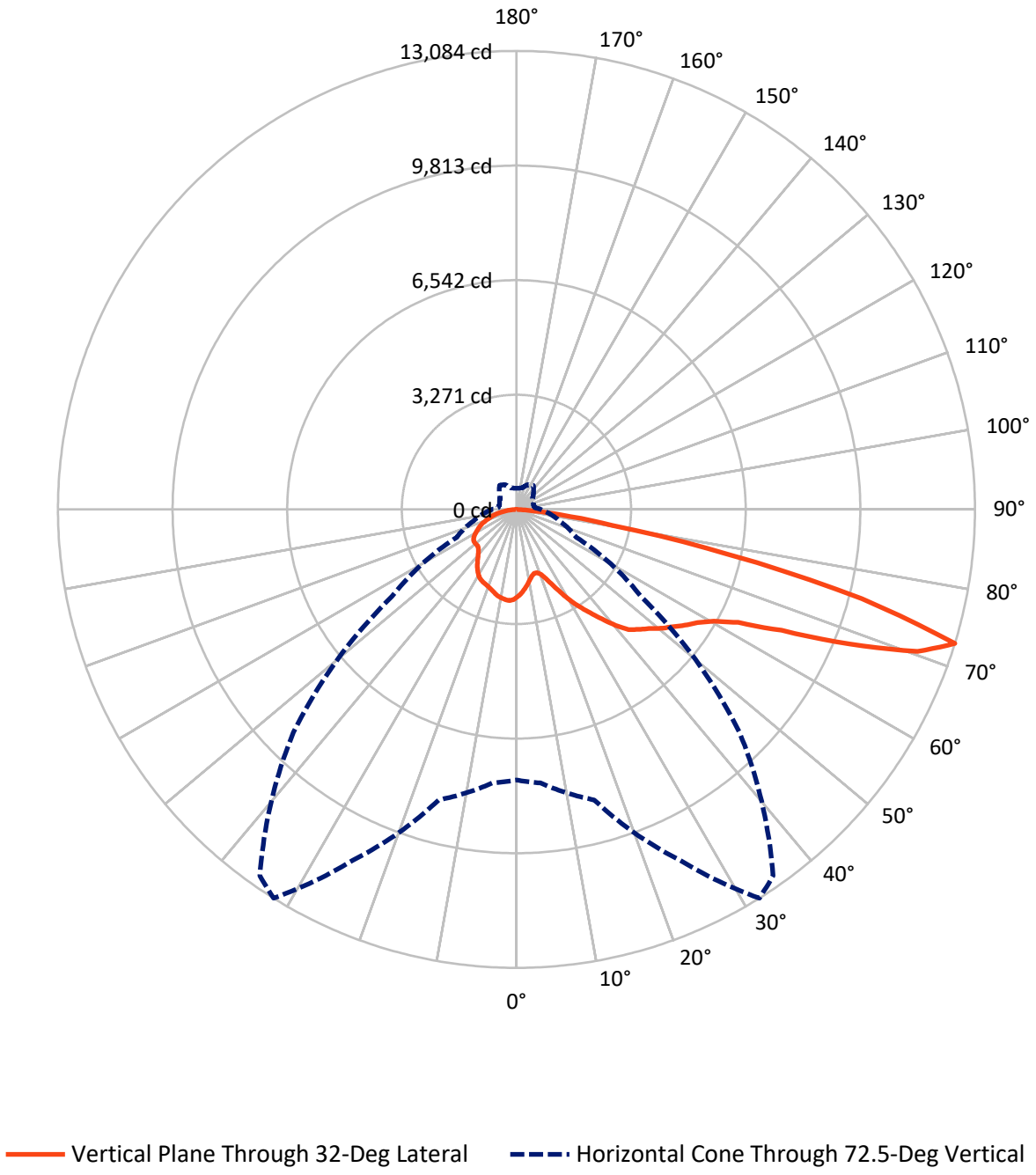
Based on 20 foot mounting height. Maximum calculated value = 6.3 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

Luminous Intensity Polar Plot



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

Scaled Data Report

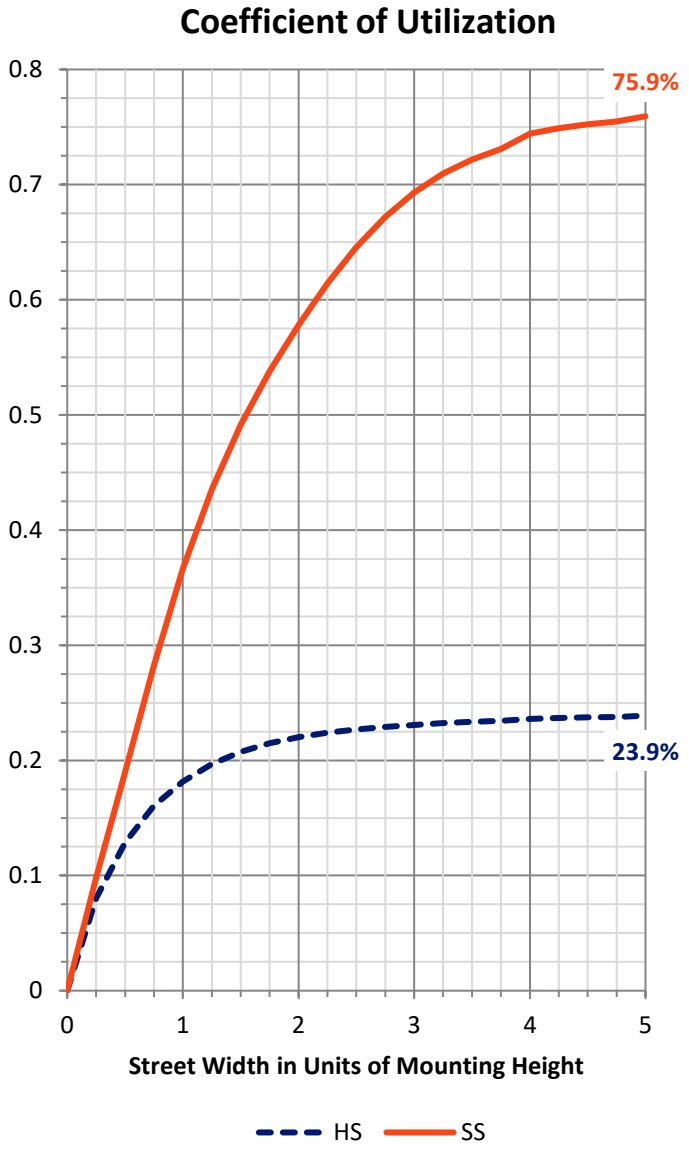
REPORT NUMBER: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4101.3	0.0	4101.3
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	12904.6	0.0	12904.6
	% Fixture	75.9	0.0	75.9
Total	Lumens	17005.8	0.0	17005.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.6	1.4
10°-20°	662.9	3.9
20°-30°	1148.6	6.8
30°-40°	1814.3	10.7
40°-50°	2644.3	15.5
50°-60°	3584.6	21.1
60°-70°	4125.4	24.3
70°-80°	2581.5	15.2
80°-90°	210.6	1.2
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°	17005.8	100.0
0°-180°	17005.8	100.0



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

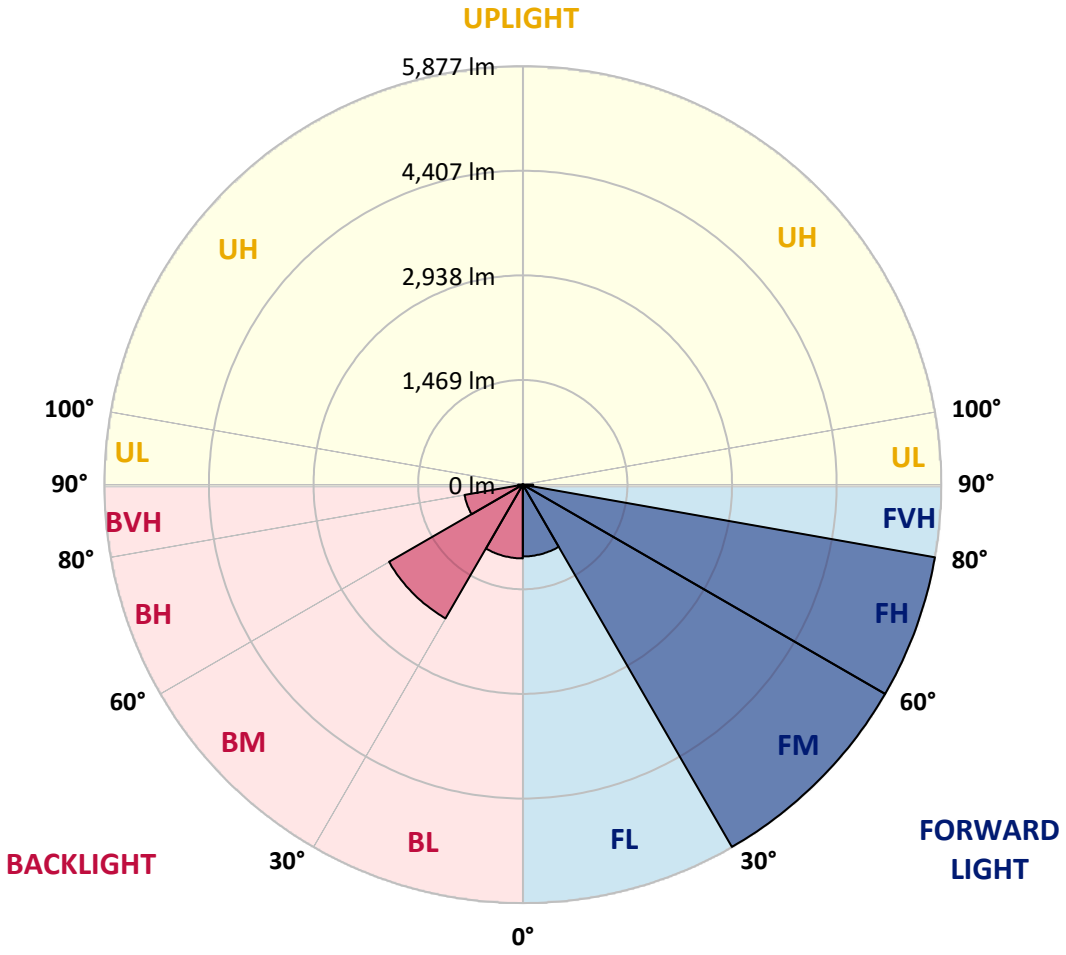
Scaled Data Report

REPORT NUMBER: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1008.8	5.9			
FM	(30°-60°)	5874.4	34.5			
FH	(60°-80°)	5876.6	34.6			G3/7500
FVH	(80°-90°)	144.7	0.9			G2/225
BL	(0°-30°)	1036.3	6.1	B3/2500		
BM	(30°-60°)	2168.7	12.8	B2/2500		
BH	(60°-80°)	830.3	4.9	B2/1000		G2/1000
BVH	(80°-90°)	65.9	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: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	2497.9	2497.9	2497.9	2497.9	*2497.9*	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9
2.5°	2392.4	2388.5	2408.0	2400.2	*2415.8*	2408.0	2408.0	2431.5	2451.0	2478.4	2497.9
5°	2259.5	2263.4	2259.5	2298.5	*2298.5*	2302.5	2333.7	2396.3	2443.2	2474.5	2494.0
7.5°	2087.5	2095.3	2110.9	2153.9	*2181.3*	2200.8	2259.5	2325.9	2404.1	2462.7	2533.1
10°	1946.7	1935.0	1970.2	2017.1	*2056.2*	2075.7	2173.5	2279.0	2384.5	2482.3	2540.9
12.5°	1845.1	1845.1	1864.6	1907.6	*1950.6*	1981.9	2091.4	2220.4	2361.1	2482.3	2591.7
15°	1825.5	1833.4	1841.2	1856.8	*1895.9*	1911.5	2017.1	2177.4	2333.7	2517.5	2626.9
17.5°	1892.0	1884.2	1876.4	1884.2	*1899.8*	1907.6	1985.8	2142.2	2318.1	2521.4	2646.5
20°	2071.8	2056.2	2044.5	1985.8	*1974.1*	1981.9	2013.2	2130.5	2322.0	2576.1	2728.5
22.5°	2322.0	2329.8	2282.9	2185.2	*2138.3*	2134.4	2095.3	2173.5	2345.5	2619.1	2798.9
25°	2681.6	2646.5	2599.5	2482.3	*2384.5*	2349.4	2267.3	2263.4	2396.3	2697.3	2900.5
27.5°	3045.2	3025.6	2951.4	2787.2	*2677.7*	2626.9	2478.4	2404.1	2470.5	2791.1	3017.8
30°	3451.7	3451.7	3330.5	3146.8	*3002.2*	2908.4	2732.5	2591.7	2595.6	2916.2	3185.9
32.5°	3870.0	3846.5	3729.3	3459.5	*3314.9*	3221.1	2986.5	2841.9	2795.0	3092.1	3416.5
35°	4171.0	4178.8	4069.4	3830.9	*3623.7*	3533.8	3322.7	3158.5	3053.0	3338.4	3709.7
37.5°	4444.6	4452.5	4386.0	4151.5	*3967.7*	3877.8	3639.4	3526.0	3365.7	3690.2	4061.5
40°	4581.5	4561.9	4542.4	4456.4	*4350.8*	4280.5	4034.2	3885.6	3744.9	4069.4	4444.6
42.5°	4683.1	4683.1	4651.8	4690.9	*4690.9*	4644.0	4452.5	4319.5	4178.8	4597.1	4851.2
45°	4800.4	4749.5	4749.5	4784.7	*4882.5*	4913.7	4929.4	4804.3	4675.3	5120.9	5292.9
47.5°	4921.5	4933.3	4902.0	4945.0	*5081.8*	5218.6	5421.9	5308.5	5167.8	5742.4	5793.3
50°	5074.0	5089.6	5089.6	5183.5	*5335.9*	5496.2	5996.5	5879.3	5644.7	6446.1	6344.4
52.5°	5113.1	5120.9	5238.2	5343.7	*5566.5*	5785.4	6571.2	6403.1	6152.9	7087.2	6825.3
55°	5042.7	5101.4	5312.5	5515.7	*5836.3*	6098.2	7118.4	6907.4	6524.3	7575.8	7204.4
57.5°	5203.0	5226.5	5421.9	5652.5	*6098.2*	6434.4	7657.9	7356.9	6782.3	7978.4	7356.9
60°	5543.1	5527.4	5699.4	5957.4	*6473.4*	6907.4	8240.4	7740.0	6997.3	8044.9	7055.9
62.5°	6305.4	6227.2	6289.7	6524.3	*7102.8*	7693.1	8838.4	8052.7	6864.4	7388.2	6039.5
65°	7337.4	7313.9	7274.8	7521.1	*8314.6*	8818.9	9585.1	7986.3	6199.8	6235.0	4855.1
67.5°	8259.9	8291.2	8267.7	8924.4	*10257.4*	10718.7	10378.6	7505.4	5136.5	4448.5	3123.4
70°	8615.6	8678.2	9092.5	10343.4	*12141.6*	12677.2	10738.3	6281.9	3557.3	2404.1	1536.3
72.5°	*7724.4*	*7837.7*	*8584.4*	*11051.0*	*13083.7*	*12767.1*	*9002.6*	*4335.2*	*1876.4*	*1266.5*	*856.1*
75°	5339.8	5457.1	6590.7	9268.4	*10179.3*	9659.4	5527.4	1868.5	969.5	738.8	527.7
77.5°	2095.3	2400.2	3142.9	5171.7	*6238.9*	6121.6	2619.1	645.0	539.5	449.5	344.0
80°	703.6	797.5	1168.8	2040.5	*2767.6*	2924.0	953.8	328.4	312.7	273.6	215.0
82.5°	254.1	285.4	500.4	770.1	*1262.6*	1270.5	308.8	175.9	191.5	164.2	113.4
85°	86.0	93.8	117.3	238.5	*308.8*	332.3	86.0	66.5	78.2	70.4	50.8
87.5°	7.8	7.8	7.8	11.7	*11.7*	11.7	11.7	15.6	15.6	11.7	11.7
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: P1357631
CATALOG NUMBER: GSS-SB5A-722-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9	2497.9
2.5°	2501.8	2513.5	2521.4	2537.0	2556.5	2560.5	2576.1	2580.0	2572.2	2580.0	2572.2
5°	2525.3	2544.8	2560.5	2583.9	2599.5	2619.1	2615.2	2603.5	2603.5	2583.9	2615.2
7.5°	2556.5	2583.9	2595.6	2619.1	2623.0	2611.3	2595.6	2591.7	2552.6	2552.6	2560.5
10°	2599.5	2623.0	2634.7	2642.5	2619.1	2599.5	2568.3	2548.7	2533.1	2517.5	2521.4
12.5°	2630.8	2654.3	2654.3	2626.9	2599.5	2568.3	2540.9	2501.8	2490.1	2470.5	2470.5
15°	2650.4	2689.5	2662.1	2619.1	2564.4	2521.4	2478.4	2443.2	2427.5	2423.6	2439.3
17.5°	2701.2	2720.7	2654.3	2580.0	2521.4	2462.7	2415.8	2388.5	2368.9	2365.0	2396.3
20°	2759.8	2744.2	2630.8	2537.0	2470.5	2392.4	2353.3	2345.5	2337.6	2361.1	2361.1
22.5°	2818.5	2791.1	2607.4	2501.8	2396.3	2341.5	2306.4	2329.8	2333.7	2349.4	2365.0
25°	2904.5	2838.0	2599.5	2447.1	2310.3	2271.2	2275.1	2306.4	2314.2	2314.2	2322.0
27.5°	2998.3	2916.2	2603.5	2365.0	2224.3	2212.5	2239.9	2251.6	2263.4	2251.6	2255.5
30°	3131.2	2998.3	2583.9	2271.2	2150.0	2169.5	2185.2	2181.3	2130.5	2118.7	2126.5
32.5°	3326.6	3111.6	2568.3	2196.9	2110.9	2110.9	2095.3	2048.4	1997.5	1950.6	1966.3
35°	3549.5	3252.4	2509.6	2138.3	2071.8	2056.2	1993.6	1915.5	1821.6	1766.9	1770.8
37.5°	3784.0	3381.4	2447.1	2071.8	2009.3	1970.2	1880.3	1759.1	1665.3	1610.5	1602.7
40°	4088.9	3526.0	2353.3	1981.9	1923.3	1860.7	1759.1	1626.2	1532.4	1489.4	1512.8
42.5°	4397.7	3694.1	2243.8	1856.8	1809.9	1770.8	1657.5	1528.5	1438.5	1411.2	1426.8
45°	4741.7	3866.1	2130.5	1708.3	1684.8	1677.0	1579.3	1477.6	1399.5	1360.4	1356.5
47.5°	5093.5	4045.9	1974.1	1575.4	1563.6	1614.5	1540.2	1454.2	1387.7	1325.2	1321.3
50°	5488.4	4221.8	1763.0	1407.3	1462.0	1579.3	1551.9	1458.1	1344.7	1247.0	1231.4
52.5°	5840.2	4284.4	1540.2	1274.4	1383.8	1583.2	1563.6	1434.6	1286.1	1168.8	1153.2
55°	6078.6	4178.8	1348.6	1157.1	1325.2	1555.8	1548.0	1399.5	1227.5	1102.4	1086.7
57.5°	6094.3	3870.0	1164.9	1059.4	1231.4	1477.6	1501.1	1329.1	1137.5	1032.0	1020.3
60°	5719.0	3361.8	1016.4	973.4	1129.7	1376.0	1415.1	1231.4	1055.5	942.1	934.3
62.5°	4878.5	2689.5	875.6	879.5	1032.0	1239.2	1313.5	1149.3	973.4	863.9	852.2
65°	3881.7	2056.2	777.9	797.5	906.9	1106.3	1219.6	1067.2	891.3	785.7	770.1
67.5°	2607.4	1419.0	672.4	711.5	785.7	969.5	1125.8	981.2	789.6	703.6	691.9
70°	1243.1	824.8	578.5	625.5	672.4	820.9	989.0	860.0	707.5	637.2	633.3
72.5°	*691.9*	*527.7*	*500.4*	*535.5*	*562.9*	*688.0*	*836.5*	*777.9*	*633.3*	*605.9*	*602.0*
75°	441.7	375.3	398.7	441.7	457.4	543.4	723.2	695.8	570.7	586.4	586.4
77.5°	273.6	258.0	304.9	344.0	355.7	445.6	594.2	590.3	476.9	469.1	414.4
80°	175.9	172.0	218.9	222.8	242.4	340.1	473.0	453.5	359.6	328.4	308.8
82.5°	93.8	97.7	132.9	140.7	136.8	207.2	324.5	320.5	265.8	230.6	218.9
85°	35.2	35.2	50.8	62.5	66.5	105.5	172.0	175.9	144.6	109.5	113.4
87.5°	7.8	7.8	7.8	11.7	11.7	23.5	31.3	35.2	39.1	19.5	11.7
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

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

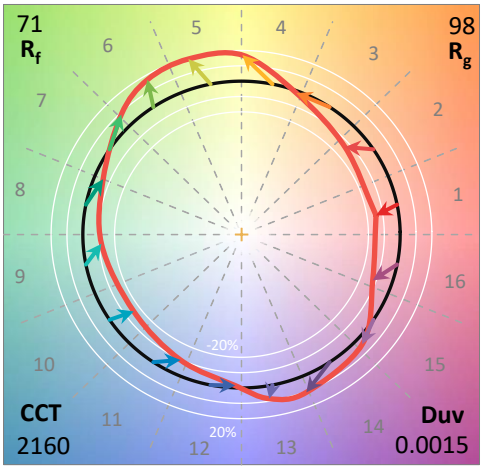
Test Information

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

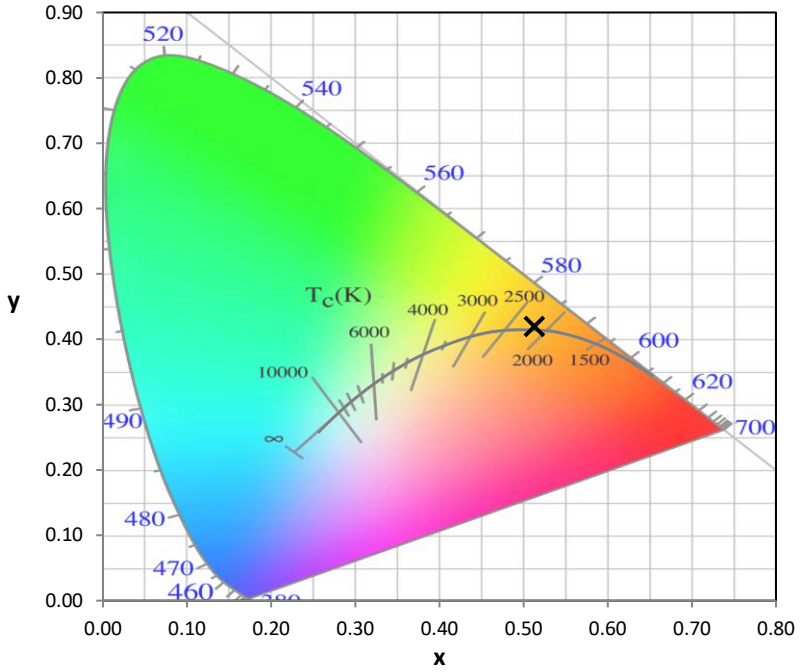
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

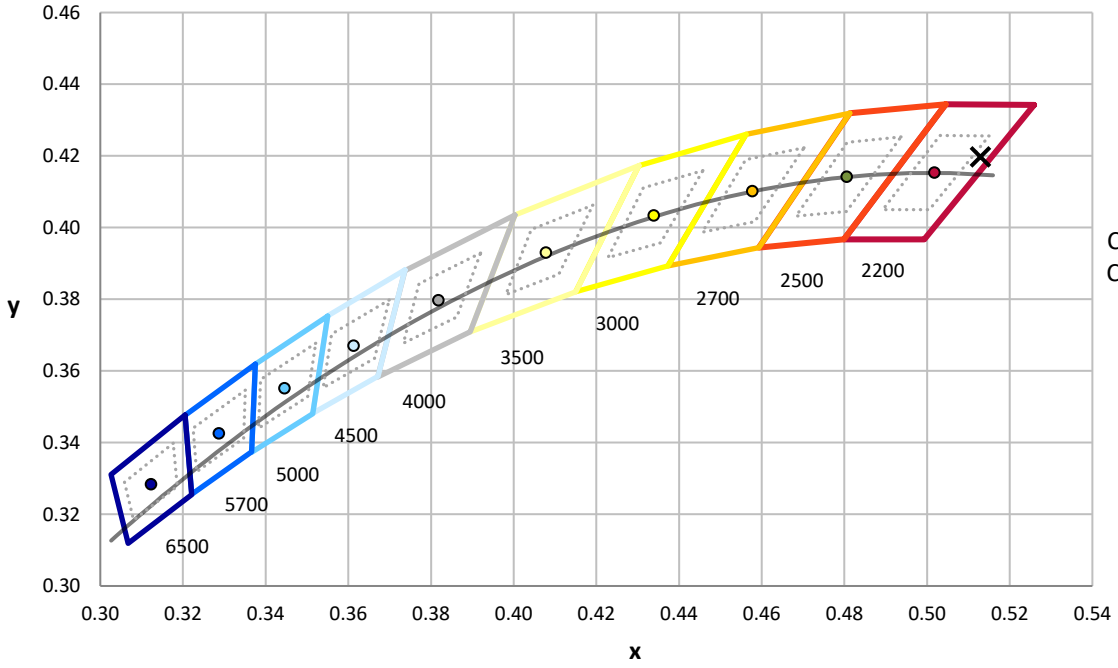
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

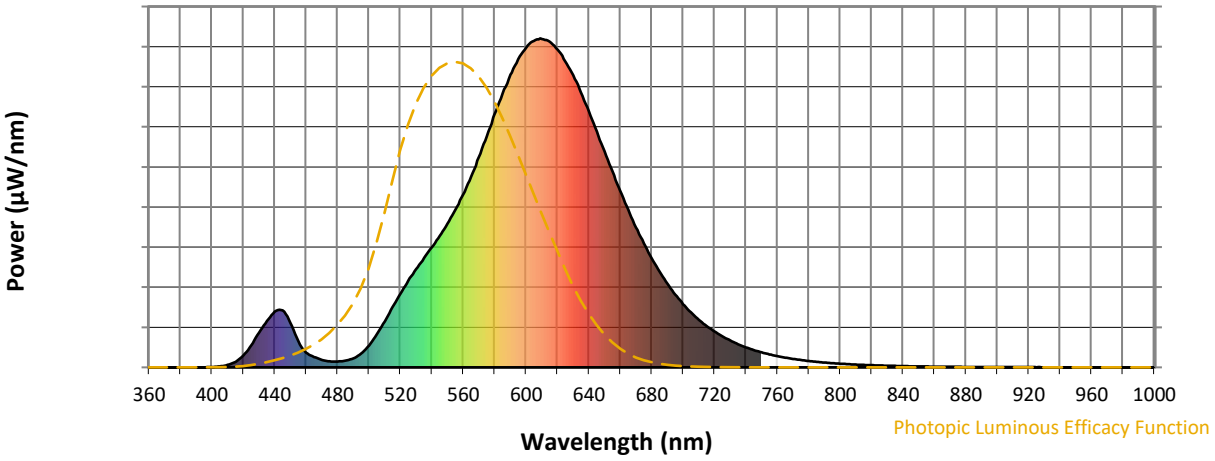


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

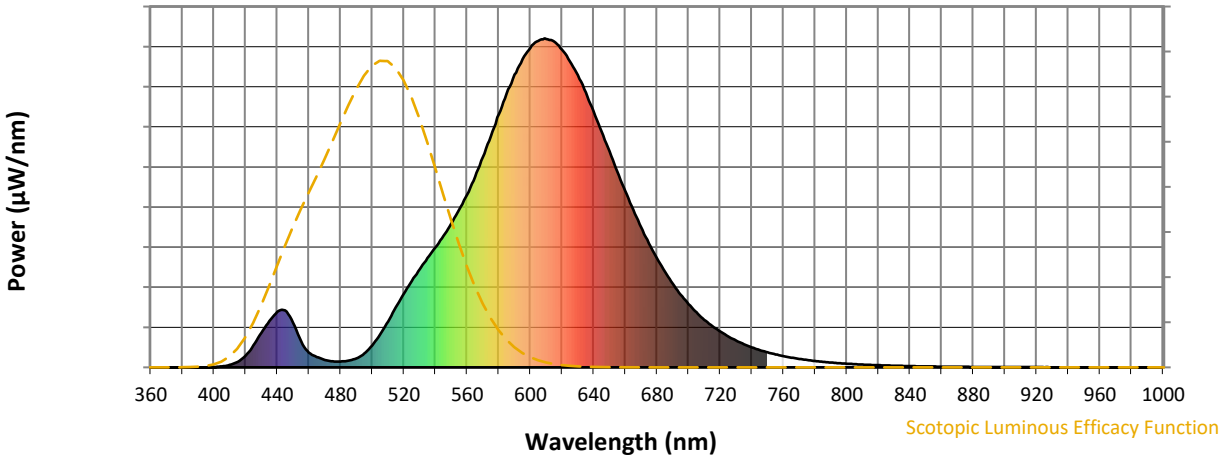


Photopic Lumens: NR

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

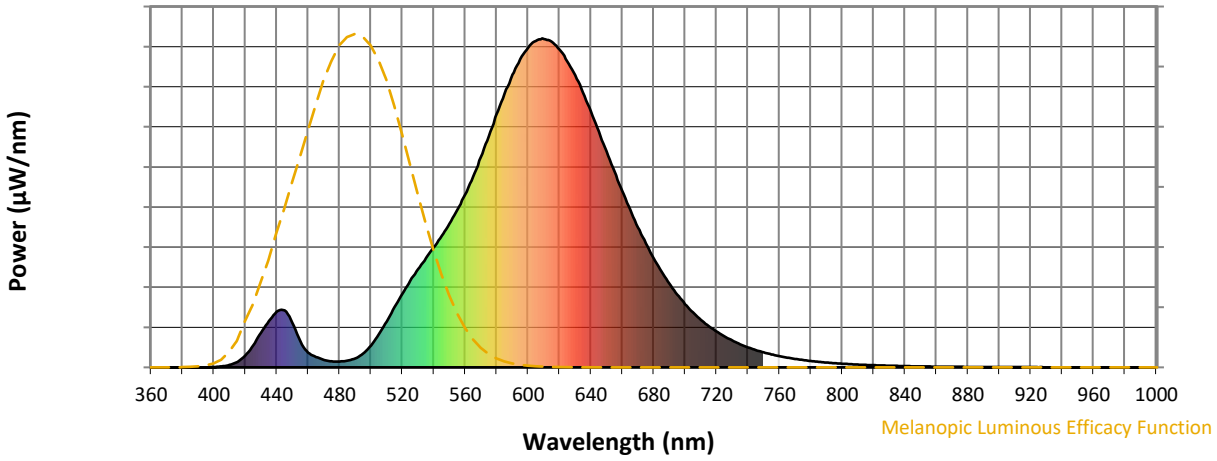


Scotopic Lumens: NR **S/P: 0.8**

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			

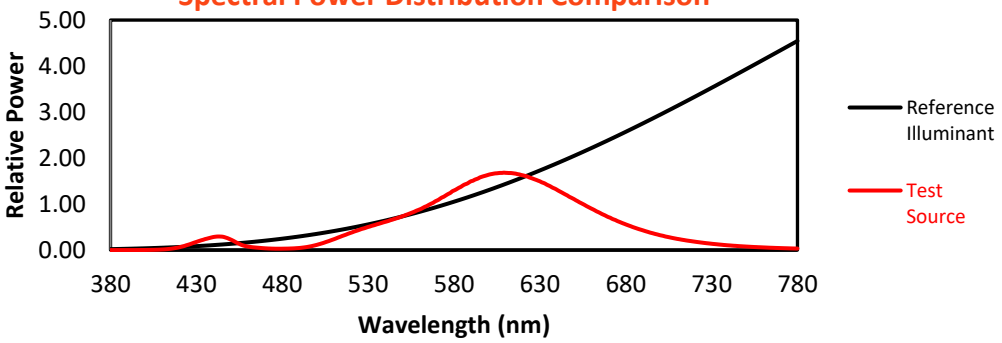
REPORT NUMBER: SP1-2407-184-2

TM-30-18

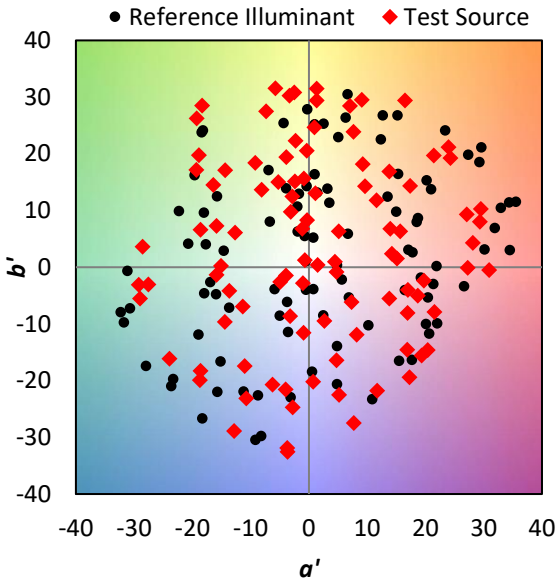
Summary

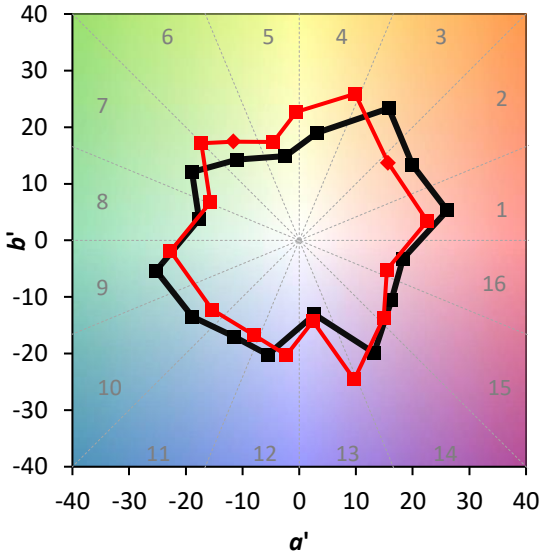
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

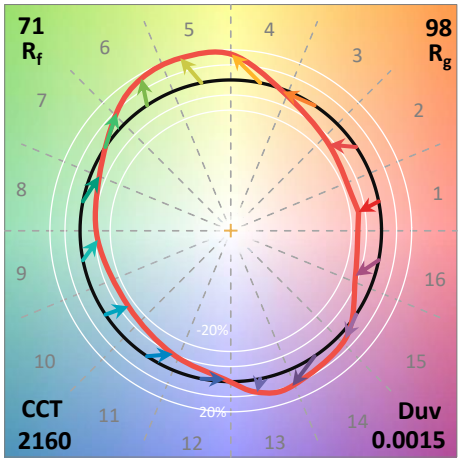
Spectral Power Distribution Comparison

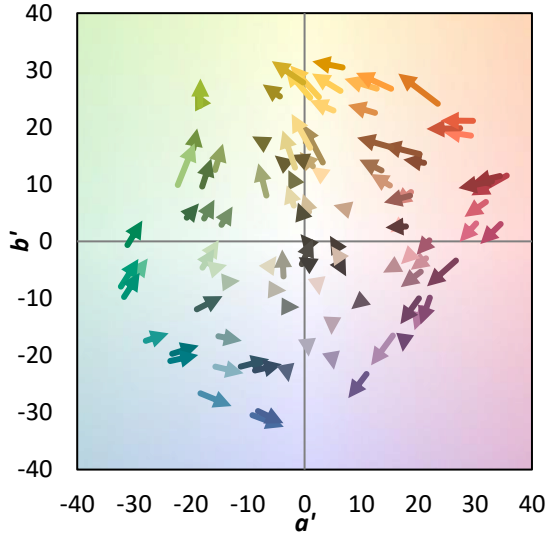


Color Vector Graphics







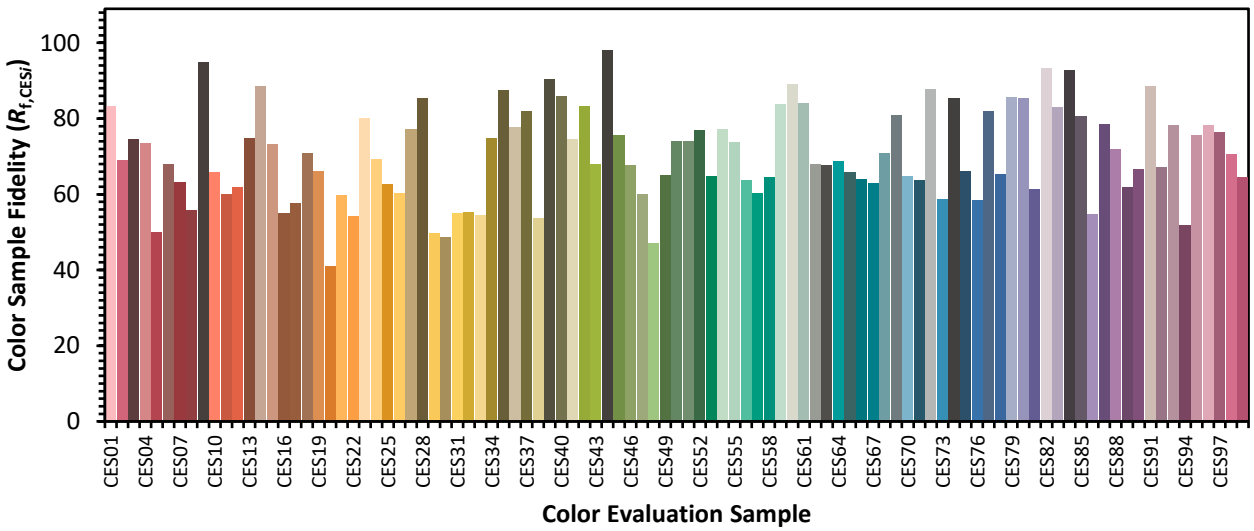


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

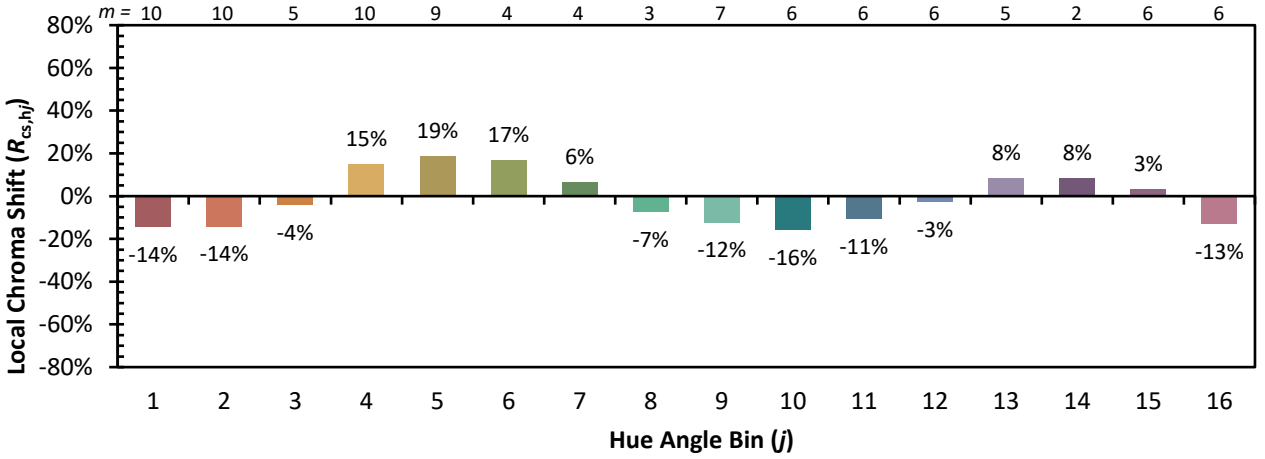
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

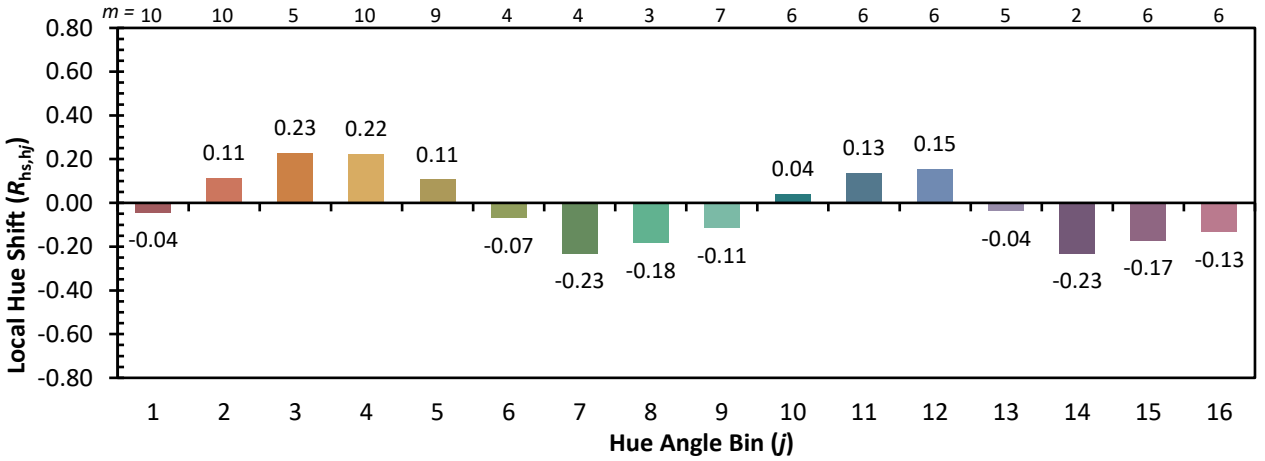


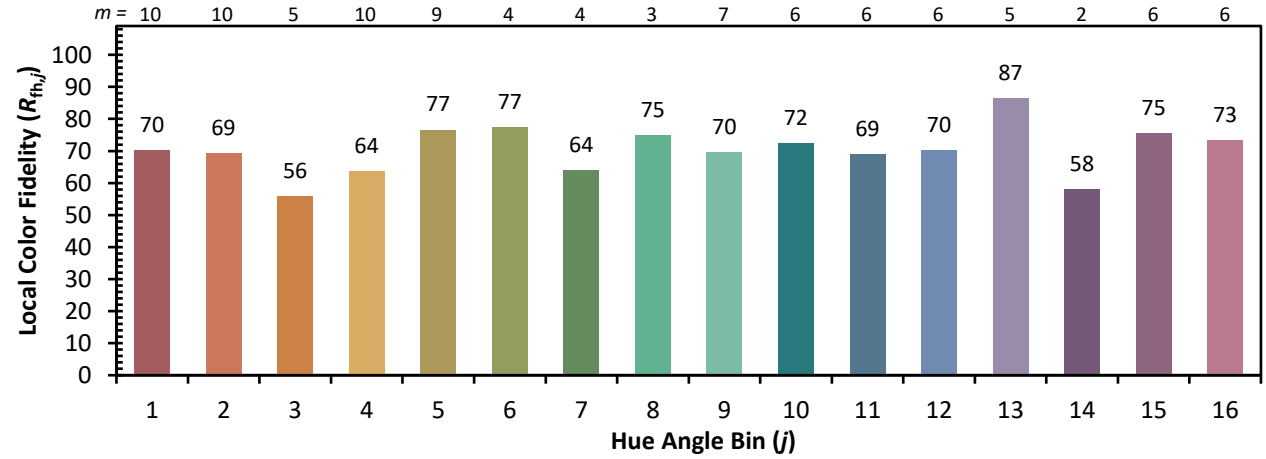
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



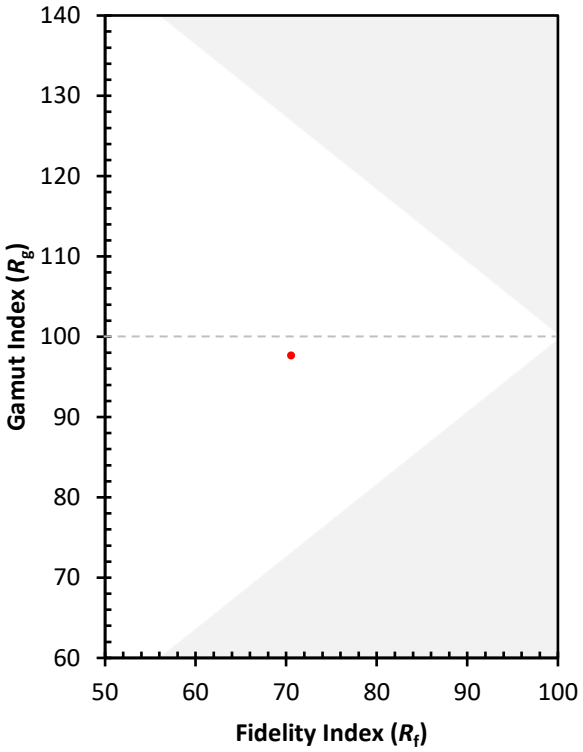


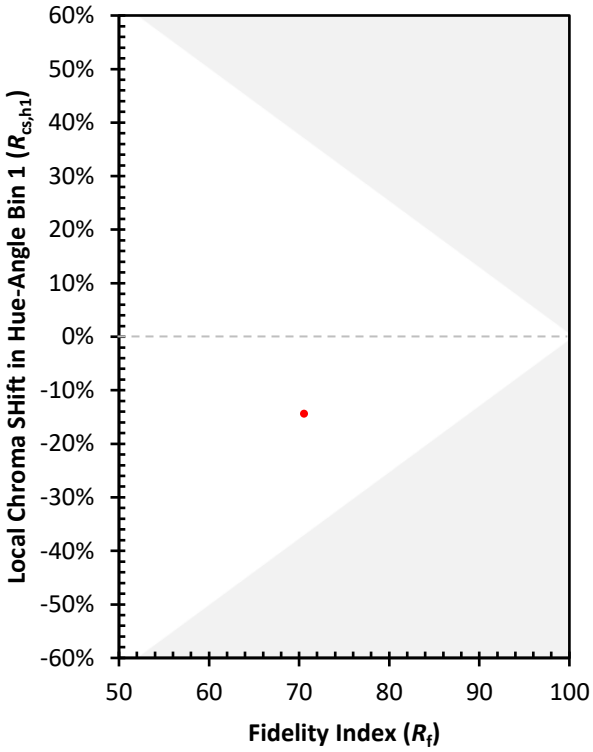


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)