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: P1366453

Luminaire Tested: **GSS-SB2C-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:	P1366453
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2C-722-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 102W 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:	11359.4 lumens
Efficiency:	N/A
Efficacy:	111.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

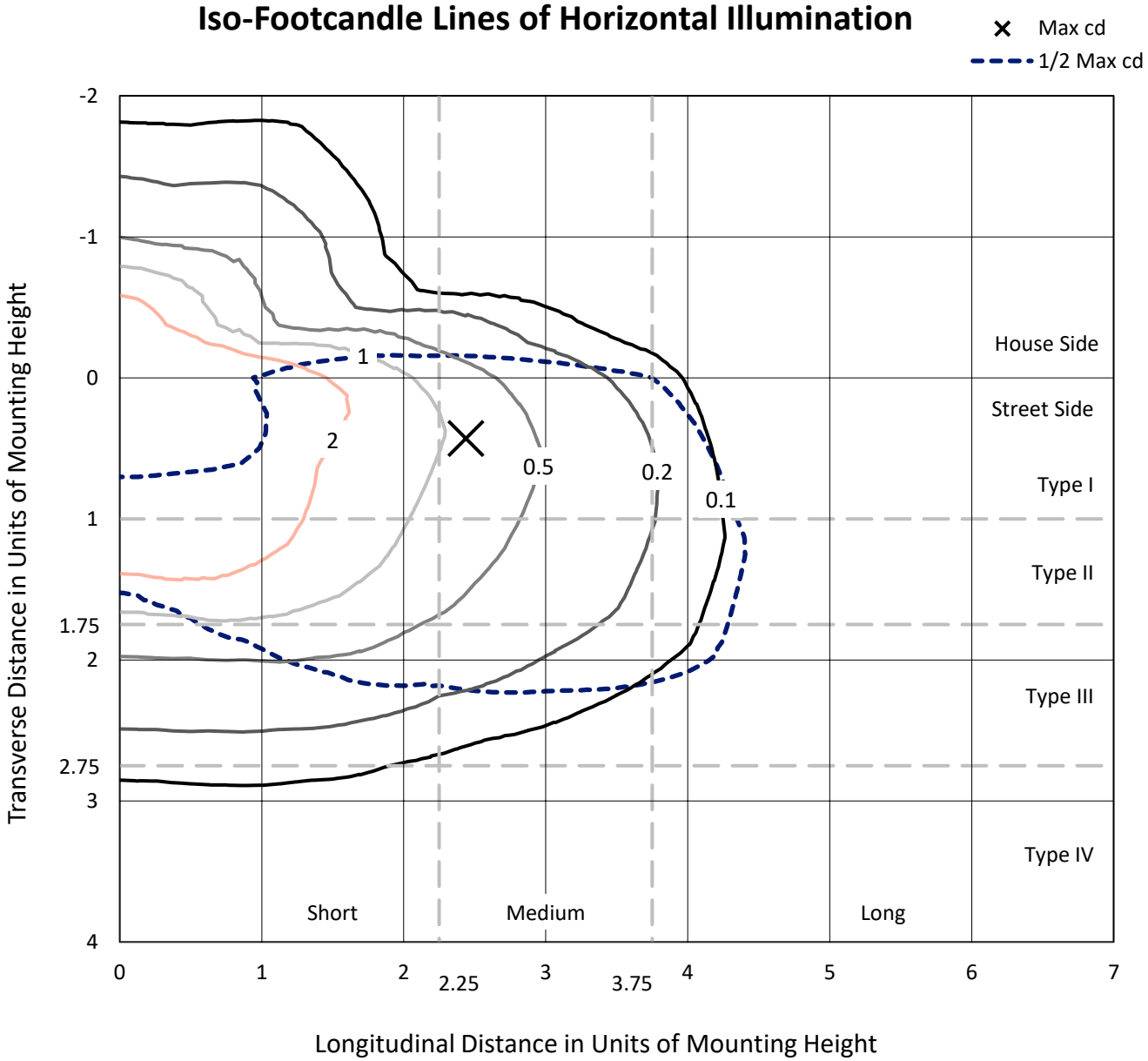
Input Watts (W):	102
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



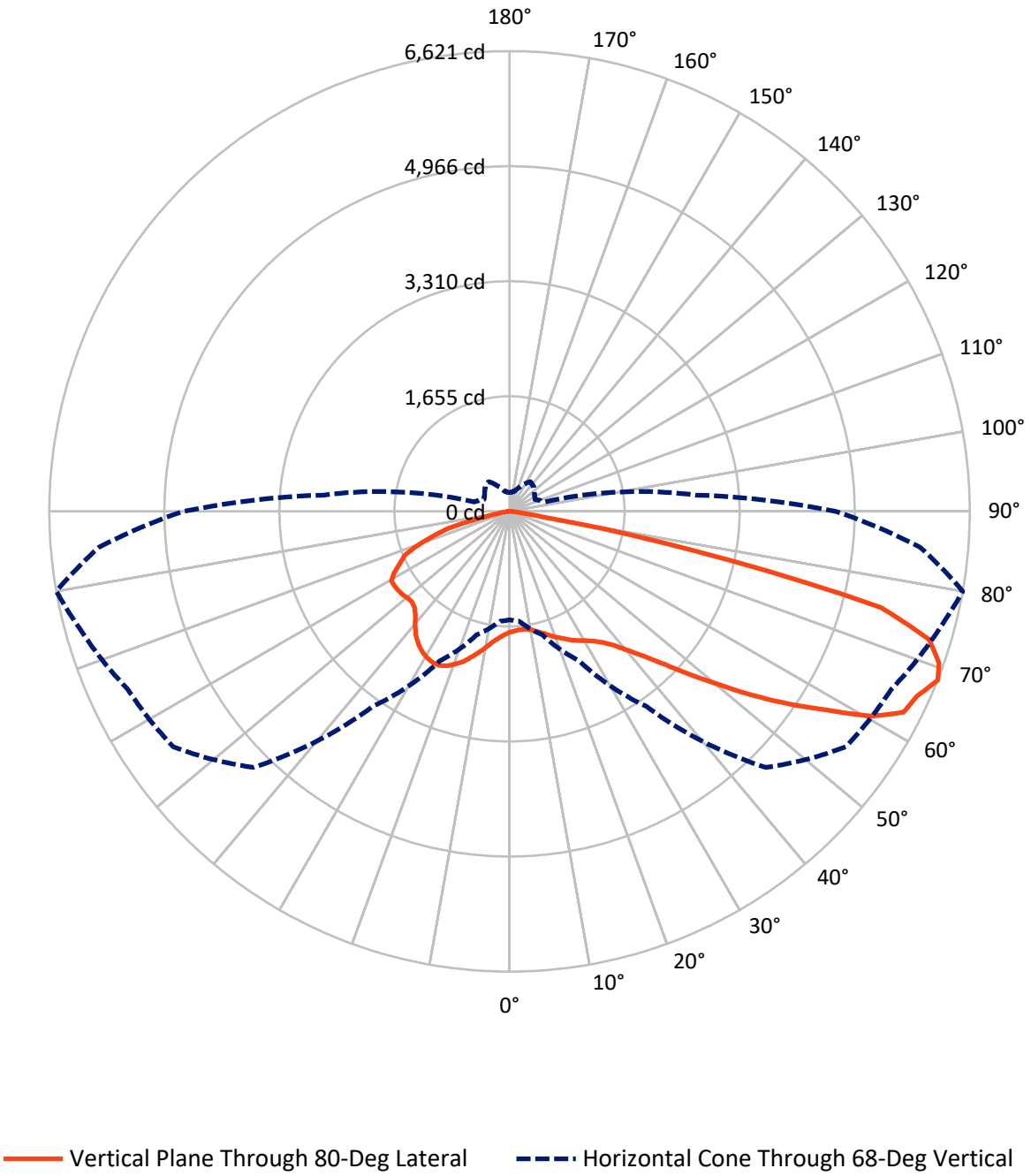
Based on 20 foot mounting height. Maximum calculated value = 4.9 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

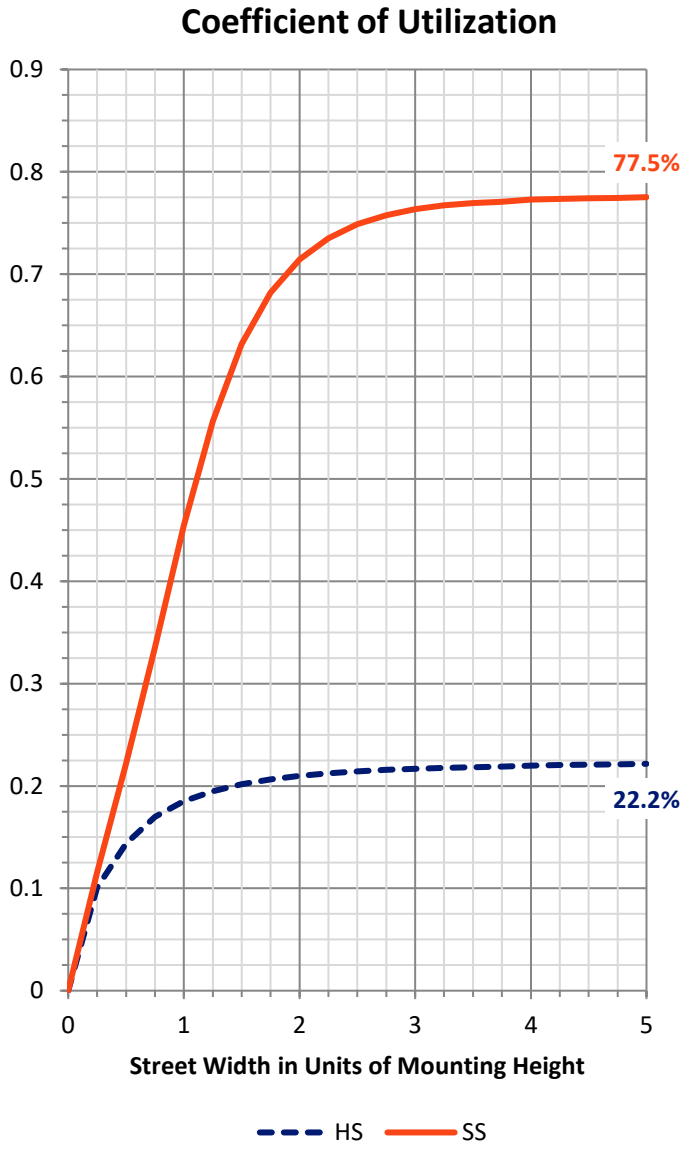
REPORT NUMBER: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2538.4	0.0	2538.4
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	8821.0	0.0	8821.0
	% Fixture	77.7	0.0	77.7
Total	Lumens	11359.4	0.0	11359.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.0	1.5
10°-20°	479.6	4.2
20°-30°	790.7	7.0
30°-40°	1214.0	10.7
40°-50°	1874.5	16.5
50°-60°	2589.1	22.8
60°-70°	2653.6	23.4
70°-80°	1502.9	13.2
80°-90°	87.1	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°	11359.4	100.0
0°-180°	11359.4	100.0



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

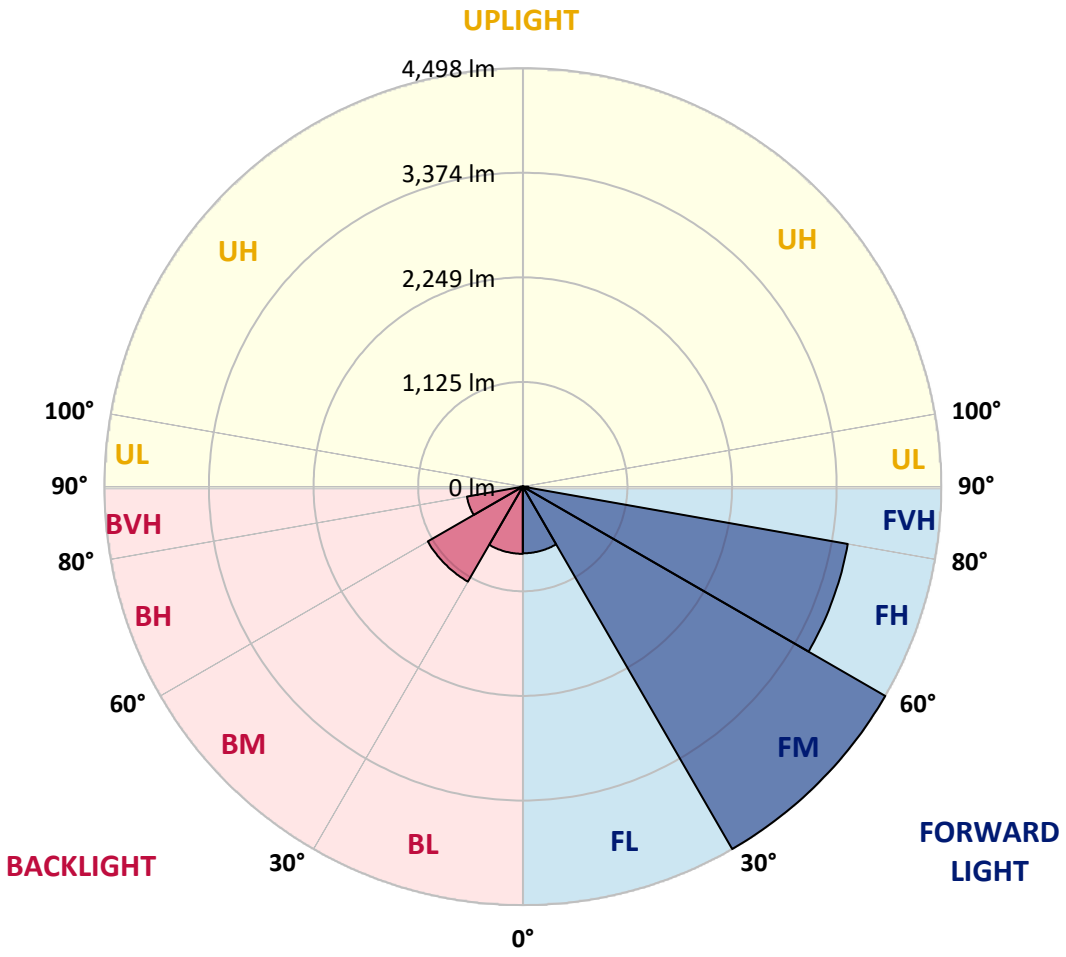
Scaled Data Report

REPORT NUMBER: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	716.2	6.3			
FM	(30°-60°)	4498.4	39.6			
FH	(60°-80°)	3546.4	31.2			G2/5000
FVH	(80°-90°)	60.1	0.5			G1/100
BL	(0°-30°)	722.1	6.4	B2/1000		
BM	(30°-60°)	1179.2	10.4	B2/2500		
BH	(60°-80°)	610.0	5.4	B2/1000		G2/1000
BVH	(80°-90°)	27.0	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: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	*1735.3*	1735.3
2.5°	1613.5	1608.2	1605.5	1610.8	1618.8	1634.7	1653.2	1666.5	1698.3	*1716.8*	1732.7
5°	1528.7	1526.0	1526.0	1539.3	1552.5	1571.1	1597.6	1621.4	1669.1	*1706.2*	1732.7
7.5°	1428.0	1425.4	1425.4	1454.5	1481.0	1523.4	1565.8	1605.5	1663.8	*1711.5*	1753.9
10°	1322.0	1322.0	1327.3	1364.4	1409.5	1470.4	1541.9	1602.9	1677.1	*1732.7*	1791.0
12.5°	1277.0	1274.4	1277.0	1311.4	1356.5	1438.6	1520.7	1613.5	1703.6	*1775.1*	1844.0
15°	1287.6	1282.3	1277.0	1306.1	1340.6	1422.7	1520.7	1634.7	1748.6	*1817.5*	1912.9
17.5°	1343.2	1340.6	1324.7	1332.6	1356.5	1430.7	1534.0	1666.5	1793.6	*1875.8*	1979.1
20°	1451.9	1443.9	1420.1	1406.8	1409.5	1457.2	1557.8	1708.9	1836.0	*1934.1*	2050.6
22.5°	1632.0	1626.7	1587.0	1534.0	1499.6	1512.8	1600.2	1756.5	1894.3	*1987.0*	2132.8
25°	1870.5	1857.2	1796.3	1711.5	1632.0	1602.9	1653.2	1820.1	1949.9	*2050.6*	2209.6
27.5°	2124.8	2127.5	2071.8	1944.6	1806.9	1708.9	1722.1	1883.7	2013.5	*2103.6*	2275.8
30°	2421.5	2408.3	2347.4	2214.9	2013.5	1849.3	1793.6	1944.6	2071.8	*2156.6*	2355.3
32.5°	2813.6	2816.3	2707.7	2503.7	2252.0	2021.5	1886.4	2008.2	2138.1	*2225.5*	2453.3
35°	3287.9	3277.3	3147.5	2901.1	2559.3	2220.2	2005.6	2090.4	2217.5	*2315.6*	2567.3
37.5°	3711.8	3682.6	3605.8	3370.0	2946.1	2490.4	2167.2	2199.0	2342.1	*2445.4*	2736.8
40°	4090.7	4077.4	4064.2	3884.0	3388.6	2826.9	2379.1	2365.9	2495.7	*2630.8*	2946.1
42.5°	4403.3	4400.6	4405.9	4366.2	3929.0	3248.1	2675.9	2583.2	2713.0	*2850.7*	3192.5
45°	4631.1	4625.8	4681.5	4763.6	4456.3	3751.5	3025.6	2853.4	2988.5	*3144.8*	3505.1
47.5°	4874.9	4877.5	4954.4	5092.1	4970.2	4252.3	3423.0	3189.9	3311.7	*3510.4*	3878.7
50°	4970.2	4970.2	5153.1	5349.1	5383.6	4784.8	3897.2	3589.9	3714.4	*3926.4*	4254.9
52.5°	4763.6	4803.3	5123.9	5492.2	5653.8	5277.6	4398.0	4024.4	4130.4	*4403.3*	4628.5
55°	3608.5	3748.9	4901.4	5423.3	5754.5	5664.4	4896.1	4506.6	4623.2	*4893.4*	5012.6
57.5°	3115.7	3152.8	3844.3	5182.2	5627.3	5873.7	5357.1	5020.6	5126.6	*5391.5*	5412.7
60°	2739.5	2789.8	3213.7	4774.2	5375.6	5852.5	5741.2	5494.8	5643.2	*5979.7*	5818.1
62.5°	2220.2	2273.2	2630.8	3815.1	5044.4	5704.1	6040.6	5942.6	6083.0	*6363.8*	5985.0
65°	1955.2	1973.8	2230.8	2924.9	4435.1	5577.0	6194.3	6133.3	6194.3	*6430.1*	5900.2
67.5°	1629.4	1666.5	1915.5	2482.5	3582.0	5306.7	5966.4	6053.8	6355.9	*6589.0*	5963.8
68°	*1560.5*	*1587.0*	*1841.3*	*2373.8*	*3423.0*	*5208.7*	*5905.5*	*6059.1*	*6419.5*	*6620.8*	*5929.3*
70°	1274.4	1311.4	1536.6	1989.7	2869.3	4170.1	5667.0	6162.5	6464.5	*6554.6*	5741.2
72.5°	630.6	696.8	1059.8	1404.2	2071.8	3015.0	4967.6	6030.0	6371.8	*6316.1*	5343.8
75°	222.5	238.4	495.4	760.4	1004.1	1952.6	3513.1	5497.5	5841.9	*5516.0*	4480.1
77.5°	159.0	172.2	280.8	384.2	413.3	980.3	2252.0	3635.0	3454.8	*2675.9*	2040.0
80°	124.5	135.1	209.3	214.6	206.7	344.4	768.3	1102.1	776.3	*487.5*	352.4
82.5°	76.8	92.7	156.3	129.8	95.4	108.6	180.2	296.7	212.0	*135.1*	108.6
85°	29.1	37.1	71.5	50.3	31.8	42.4	60.9	79.5	60.9	*45.0*	39.7
87.5°	2.6	2.6	5.3	5.3	7.9	10.6	15.9	21.2	23.8	*23.8*	23.8
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: P1366453
CATALOG NUMBER: GSS-SB2C-722-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3	1735.3
2.5°	1743.3	1751.2	1785.7	1804.2	1838.7	1865.2	1881.1	1889.0	1897.0	1902.3	1899.6
5°	1761.8	1785.7	1851.9	1902.3	1942.0	1968.5	1981.7	1992.3	1995.0	2000.3	1997.6
7.5°	1796.3	1833.4	1934.1	1992.3	2026.8	2037.4	2026.8	2021.5	2013.5	2005.6	2005.6
10°	1851.9	1910.2	2029.4	2071.8	2074.5	2058.6	2024.1	1984.4	1955.2	1944.6	1939.4
12.5°	1923.5	2005.6	2127.5	2138.1	2103.6	2029.4	1931.4	1849.3	1796.3	1756.5	1753.9
15°	2010.9	2106.3	2212.2	2180.4	2082.4	1926.1	1764.5	1647.9	1587.0	1552.5	1536.6
17.5°	2101.0	2222.8	2289.1	2201.6	1995.0	1740.6	1547.2	1454.5	1398.9	1380.3	1367.1
20°	2201.6	2318.2	2342.1	2169.8	1836.0	1534.0	1359.1	1300.8	1300.8	1295.5	1290.3
22.5°	2305.0	2416.2	2371.2	2082.4	1626.7	1330.0	1224.0	1245.2	1282.3	1292.9	1292.9
25°	2400.3	2501.0	2371.2	1926.1	1377.7	1163.1	1171.0	1221.4	1269.1	1295.5	1295.5
27.5°	2493.1	2554.0	2323.5	1706.2	1152.5	1078.3	1126.0	1186.9	1263.8	1303.5	1306.1
30°	2585.8	2593.7	2238.7	1425.4	990.9	1017.4	1073.0	1152.5	1237.3	1287.6	1292.9
32.5°	2683.8	2630.8	2119.5	1147.2	916.7	959.1	1025.3	1088.9	1155.1	1192.2	1194.9
35°	2795.1	2665.3	1965.8	932.6	869.0	919.3	969.7	990.9	1009.4	1030.6	1043.9
37.5°	2917.0	2710.3	1764.5	824.0	824.0	882.2	911.4	869.0	863.7	861.1	853.1
40°	3052.1	2758.0	1512.8	768.3	789.5	842.5	818.7	768.3	731.2	691.5	694.1
42.5°	3221.7	2818.9	1226.7	741.8	765.7	810.7	744.5	683.5	582.9	556.4	561.7
45°	3415.1	2895.8	998.8	718.0	747.1	781.6	694.1	577.6	514.0	540.5	559.0
47.5°	3619.1	2996.5	834.6	699.4	739.2	747.1	662.3	529.9	487.5	545.8	569.6
50°	3860.2	3089.2	757.7	680.9	736.5	736.5	606.7	521.9	466.3	516.6	540.5
52.5°	4103.9	3179.3	718.0	659.7	728.6	733.9	593.5	511.3	437.1	453.0	463.6
55°	4342.3	3229.6	696.8	630.6	720.6	720.6	598.8	492.8	408.0	408.0	413.3
57.5°	4583.4	3264.0	678.2	596.1	694.1	680.9	598.8	479.5	397.4	386.8	392.1
60°	4851.0	3285.2	659.7	556.4	657.0	633.2	596.1	468.9	384.2	368.3	370.9
62.5°	4893.4	3136.9	625.3	514.0	606.7	593.5	585.5	455.7	363.0	331.2	331.2
65°	4742.4	2914.3	582.9	461.0	540.5	553.7	564.3	439.8	341.8	304.7	307.3
67.5°	4726.5	2747.4	537.8	413.3	453.0	503.4	537.8	413.3	310.0	278.2	275.5
68°	*4689.4*	*2686.5*	*524.6*	*402.7*	*437.1*	*492.8*	*521.9*	*402.7*	*304.7*	*272.9*	*272.9*
70°	4451.0	2421.5	445.1	355.0	386.8	402.7	458.3	357.7	272.9	246.4	249.0
72.5°	3987.3	1973.8	341.8	288.8	310.0	310.0	397.4	331.2	249.0	225.2	225.2
75°	3325.0	1560.5	259.6	227.8	217.2	251.7	323.2	299.4	219.9	201.4	193.4
77.5°	1510.1	672.9	169.6	159.0	161.6	196.1	257.0	257.0	209.3	164.3	145.7
80°	333.8	209.3	103.3	95.4	95.4	124.5	180.2	185.5	151.0	113.9	98.0
82.5°	111.3	84.8	63.6	58.3	55.6	66.2	111.3	121.9	90.1	66.2	66.2
85°	42.4	39.7	34.4	31.8	26.5	26.5	34.4	55.6	47.7	31.8	31.8
87.5°	21.2	21.2	18.5	13.2	10.6	7.9	5.3	5.3	5.3	7.9	5.3
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

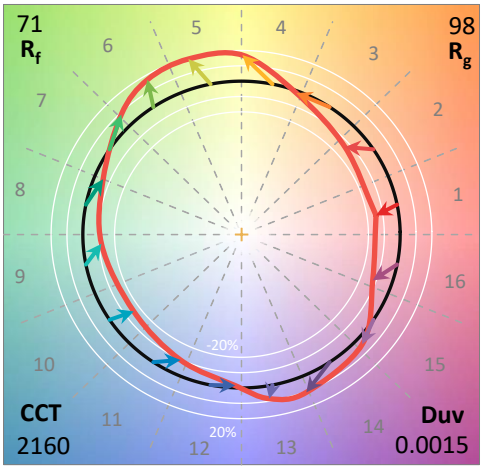
Test Information

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

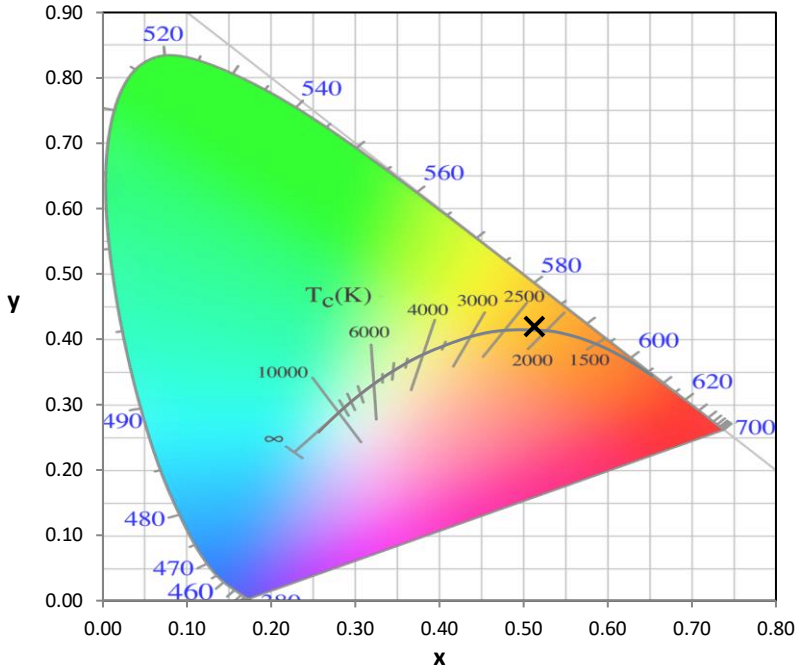
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

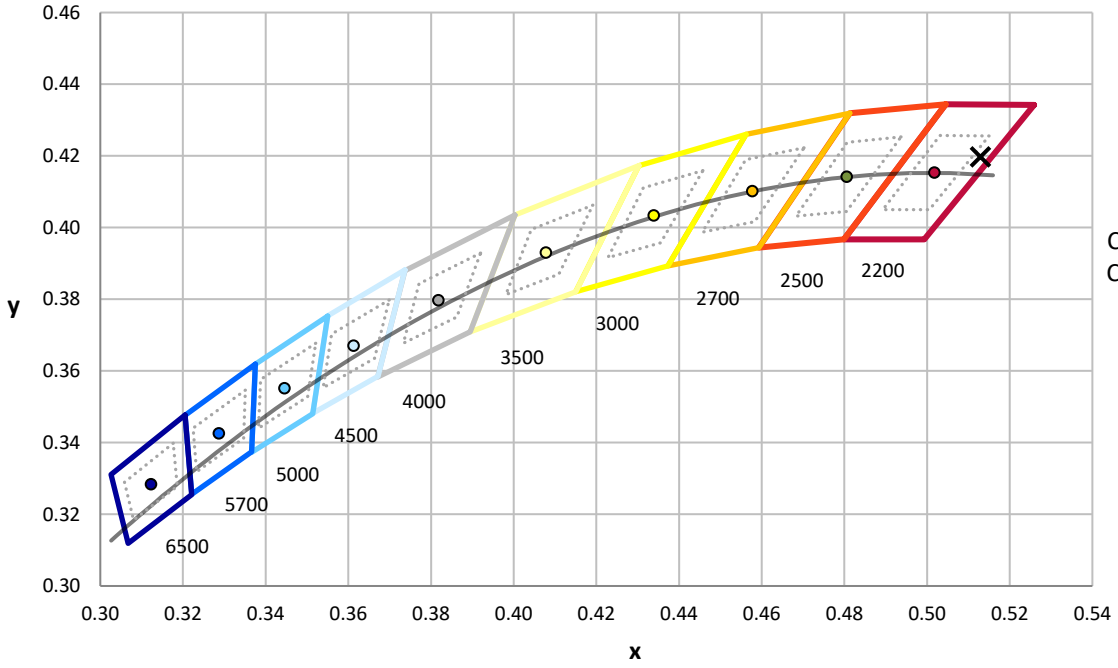
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

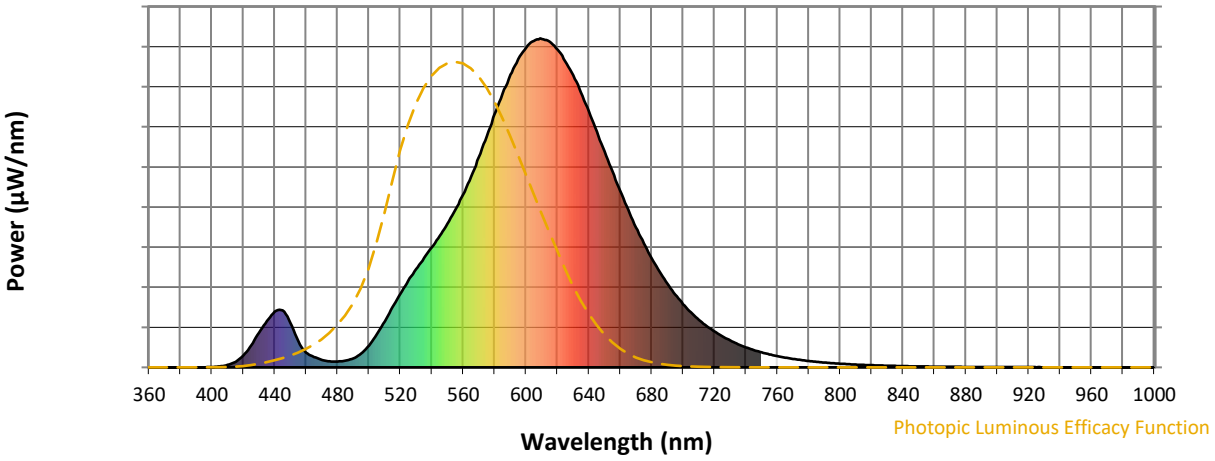


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

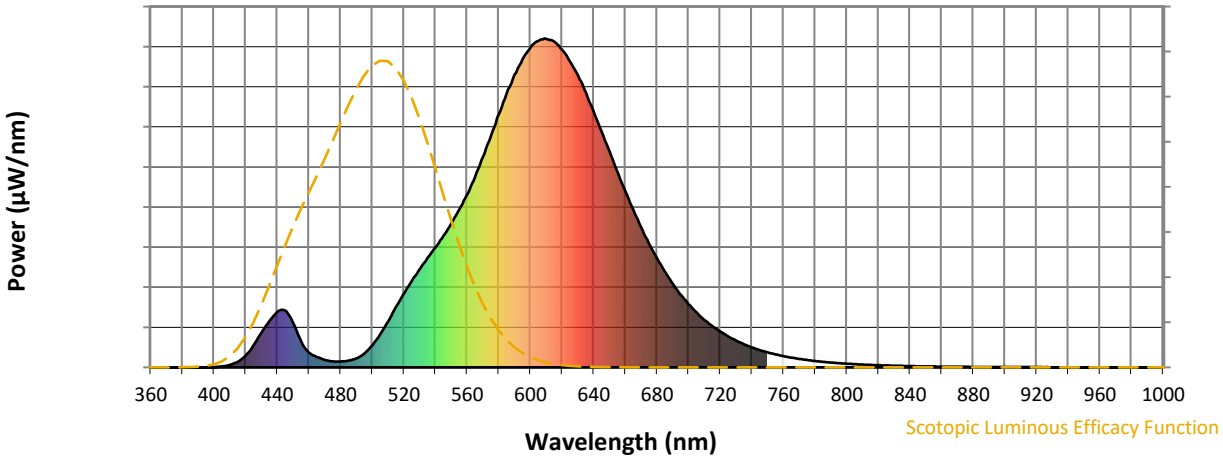


Photopic Lumens: NR

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

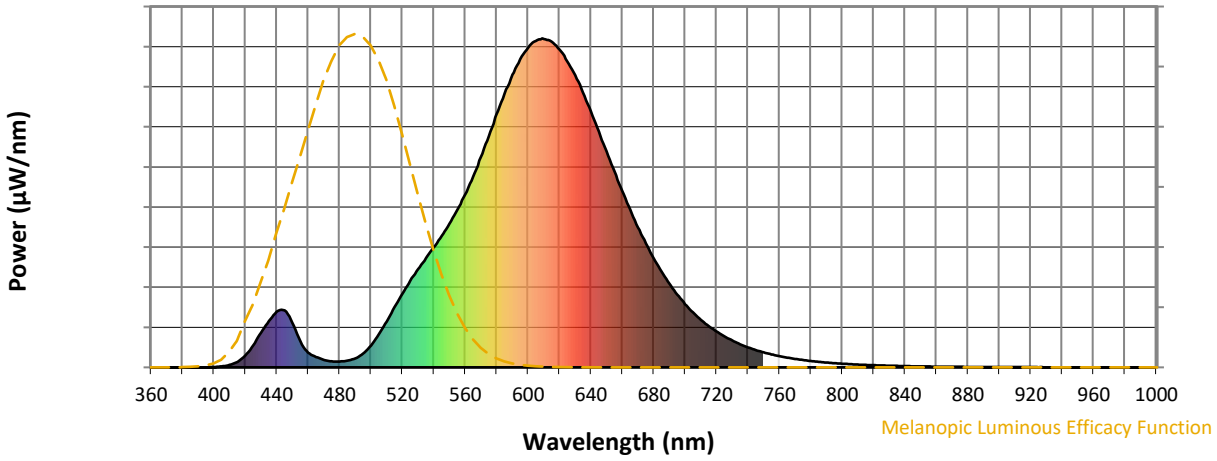


Scotopic Lumens: NR **S/P: 0.8**

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			

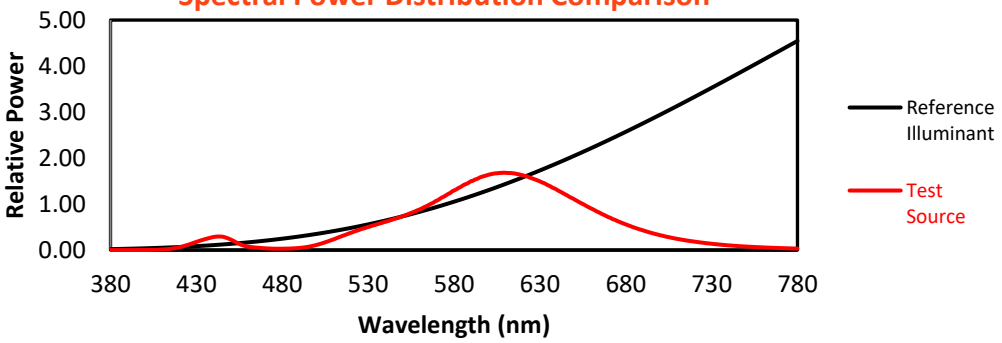
REPORT NUMBER: SP1-2407-184-2

TM-30-18

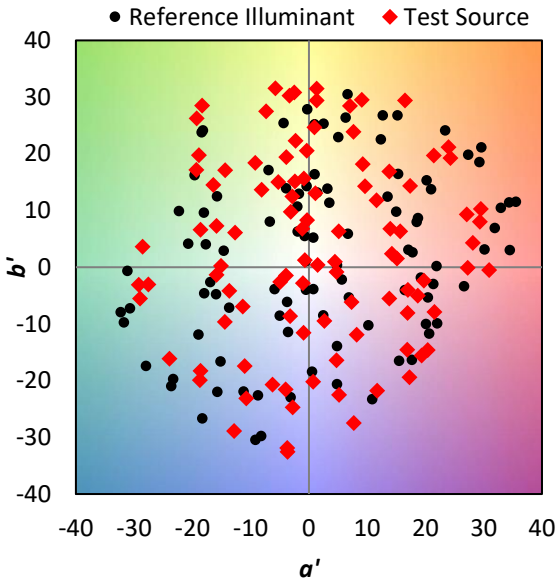
Summary

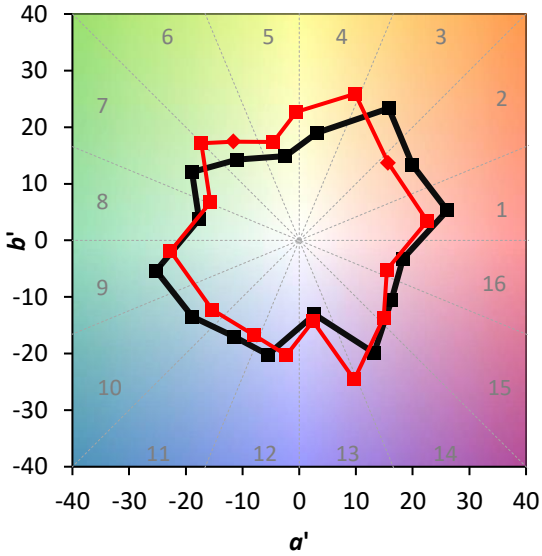
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

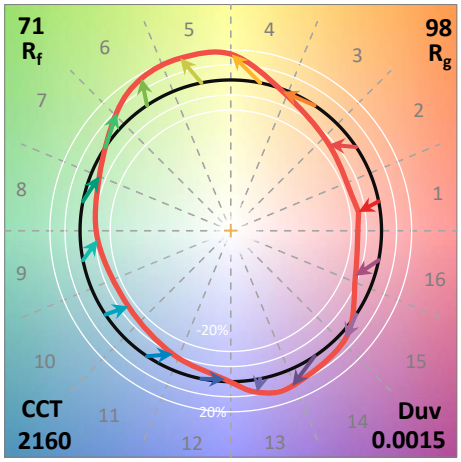
Spectral Power Distribution Comparison

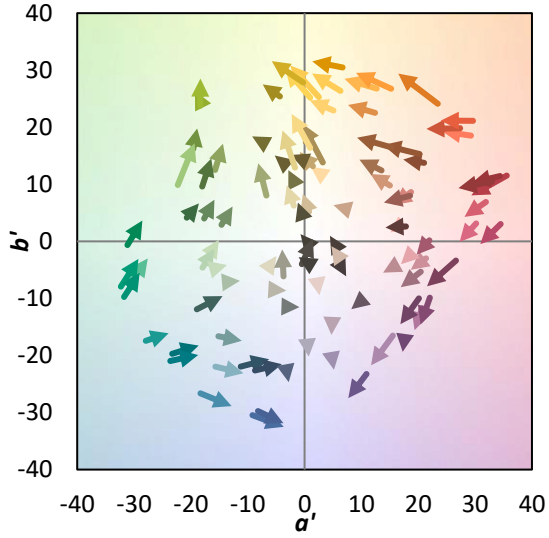


Color Vector Graphics







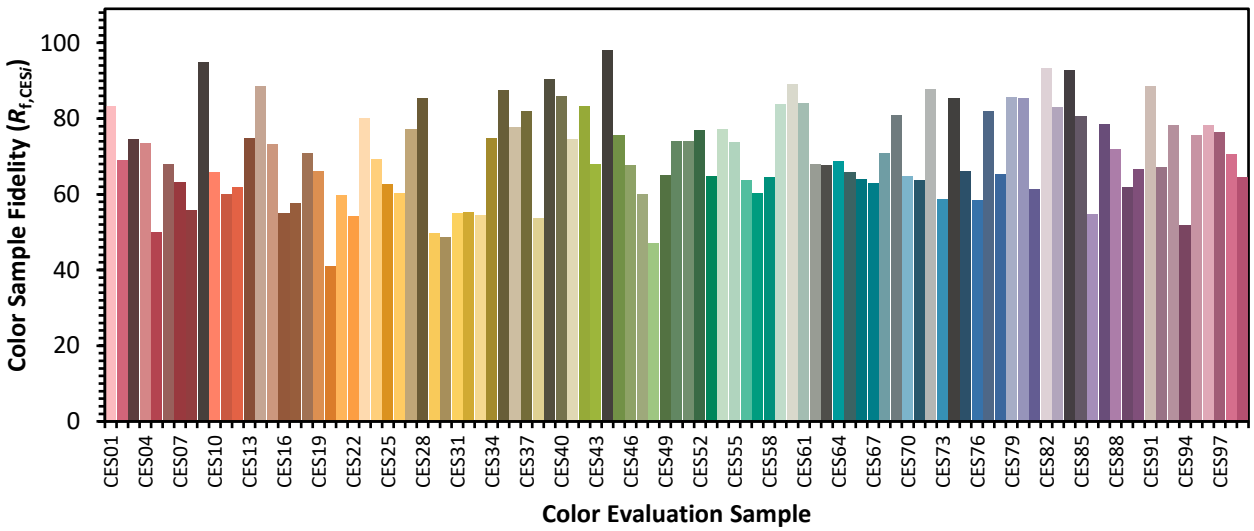


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

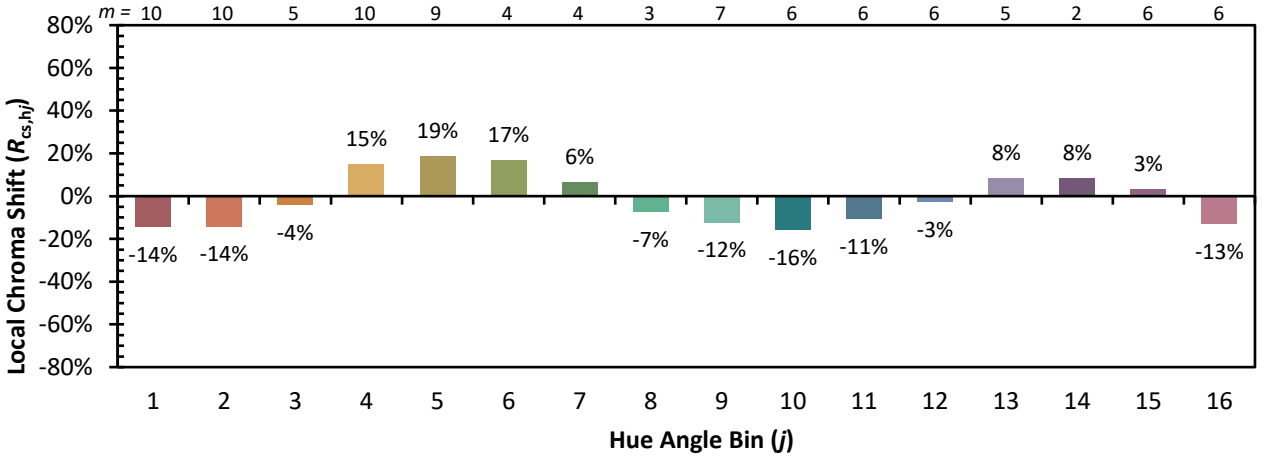
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

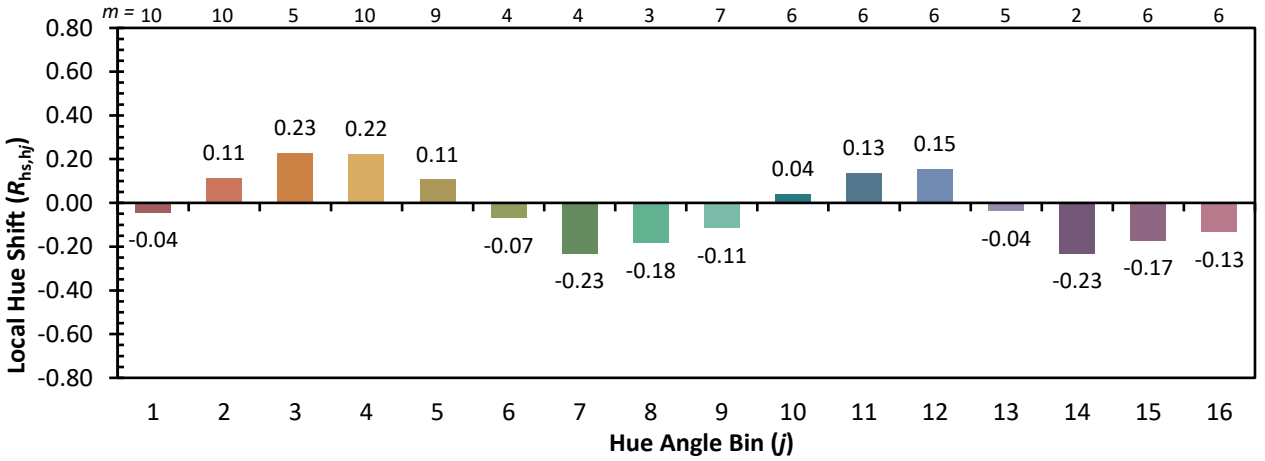


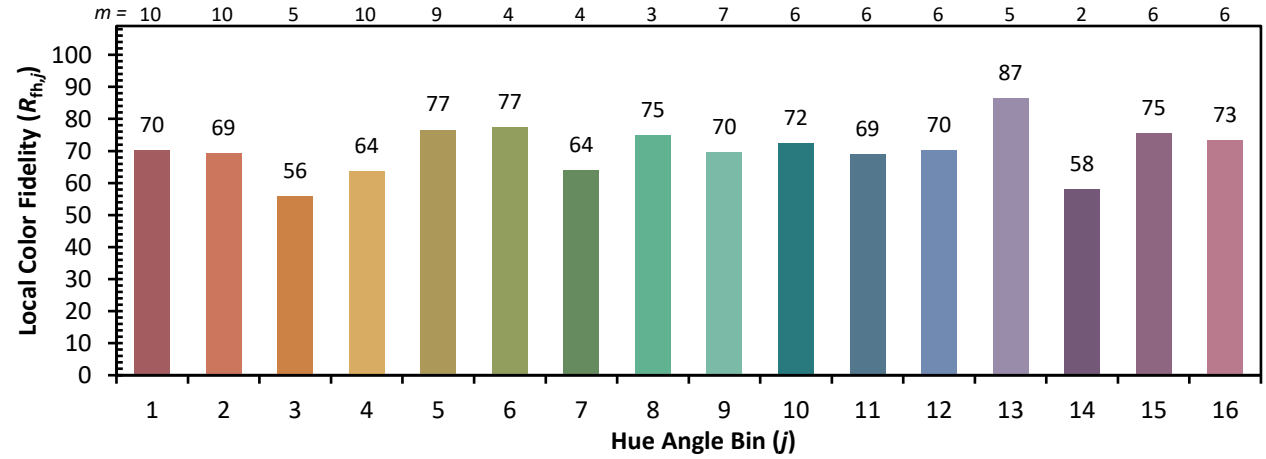
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



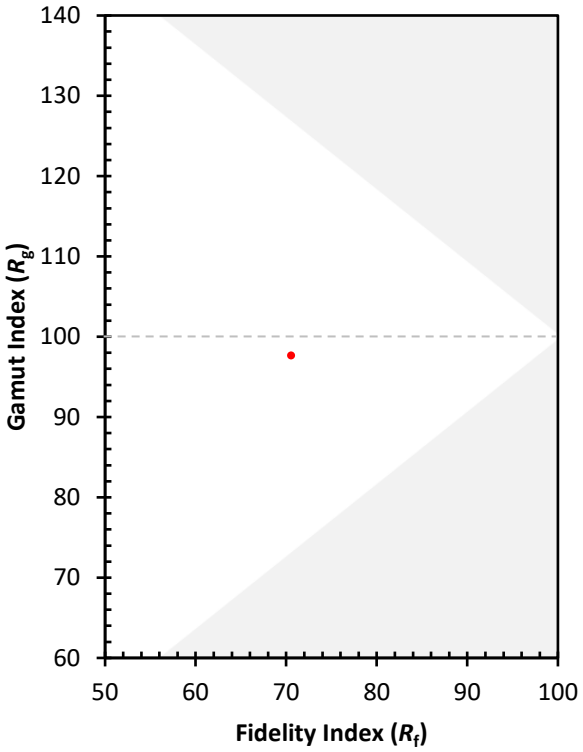


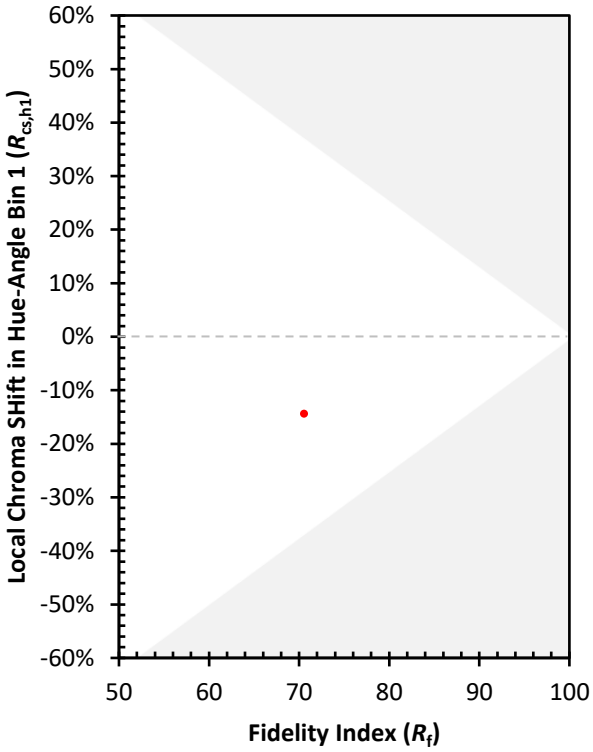


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)