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: P1366546

Luminaire Tested: **GSS-SB1D-750-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:	P1366546
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-750-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 70CRI 5000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(26) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9791.1 lumens
Efficiency:	N/A
Efficacy:	128.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

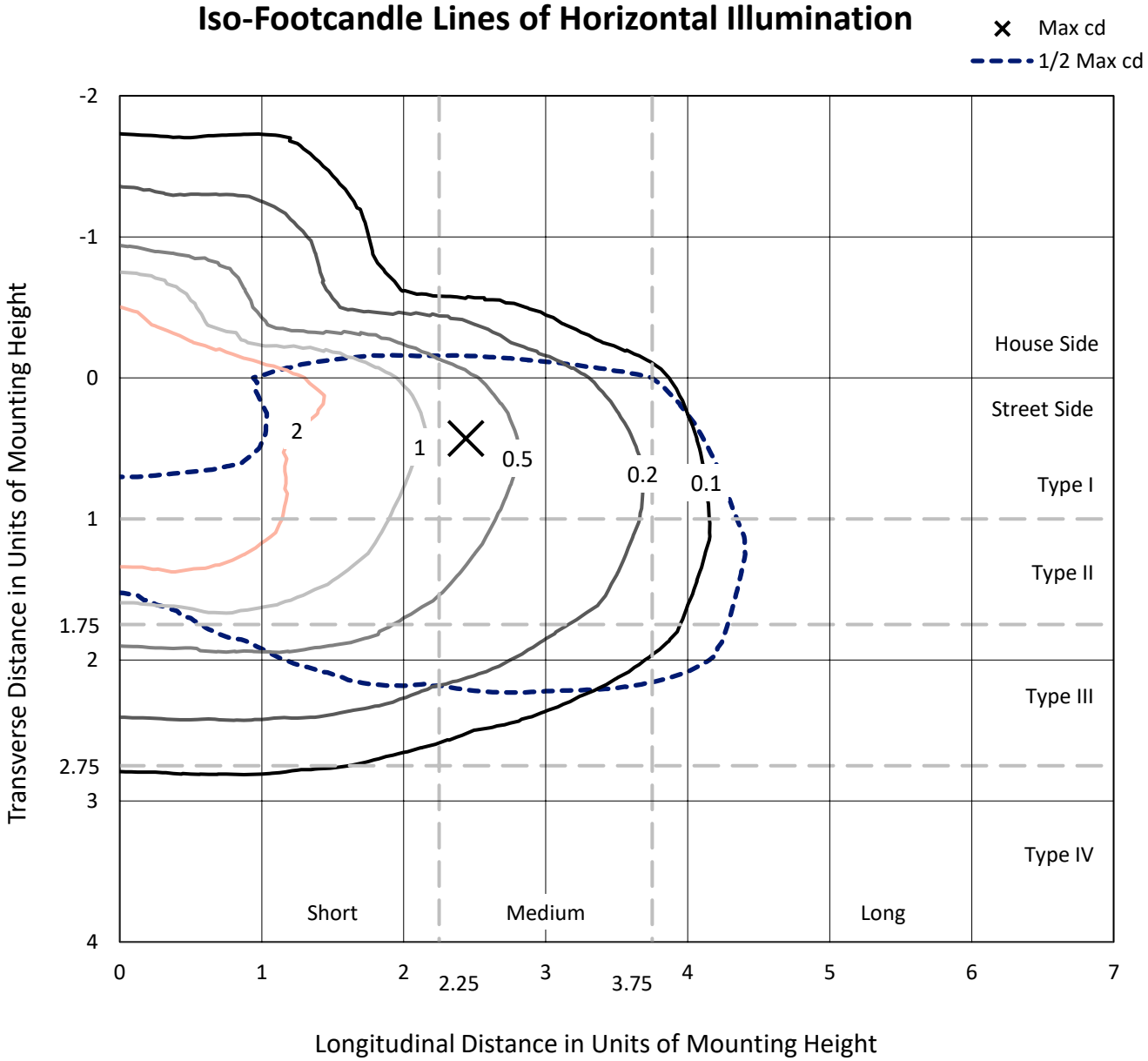
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



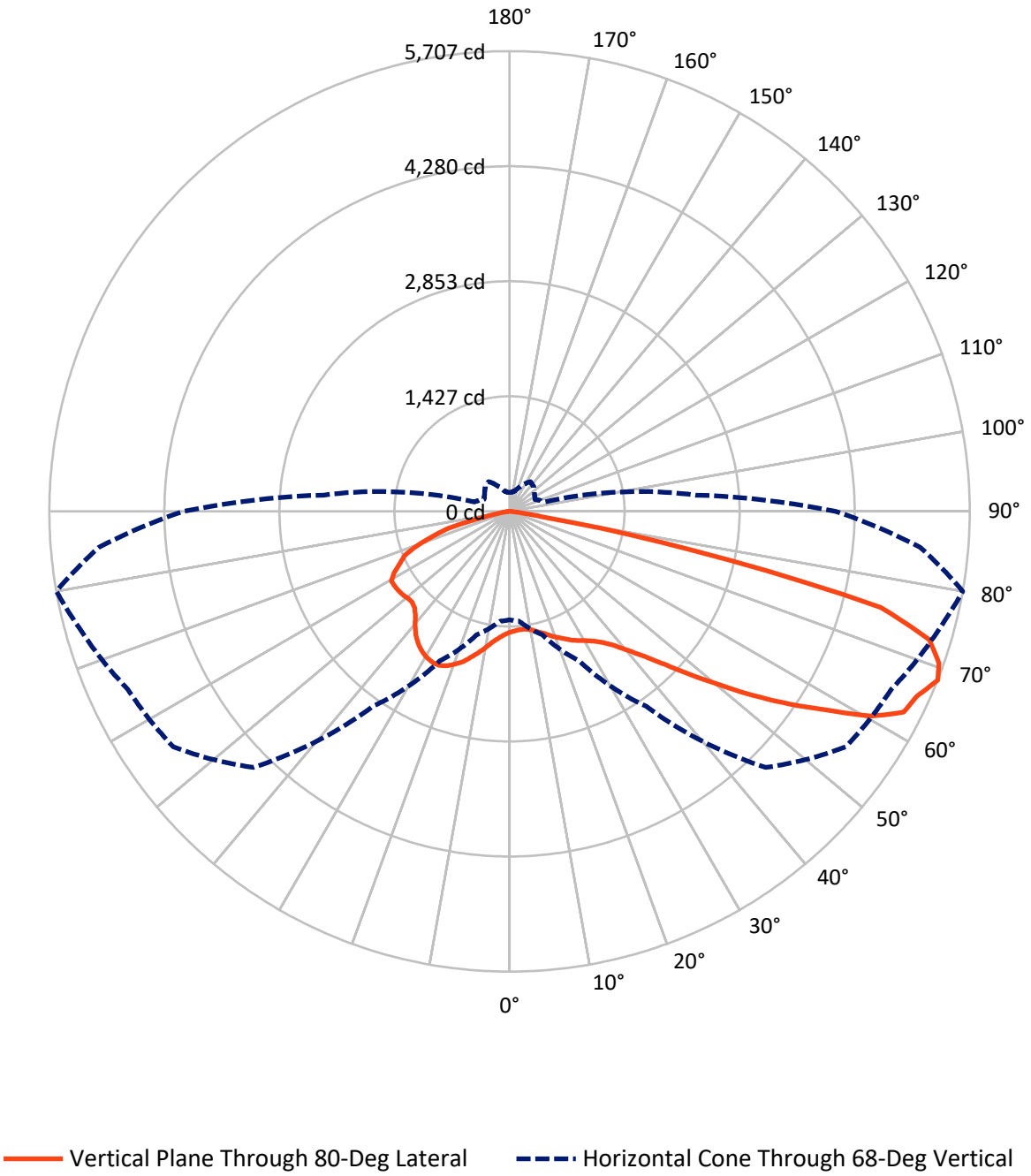
Based on 20 foot mounting height. Maximum calculated value = 4.2 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

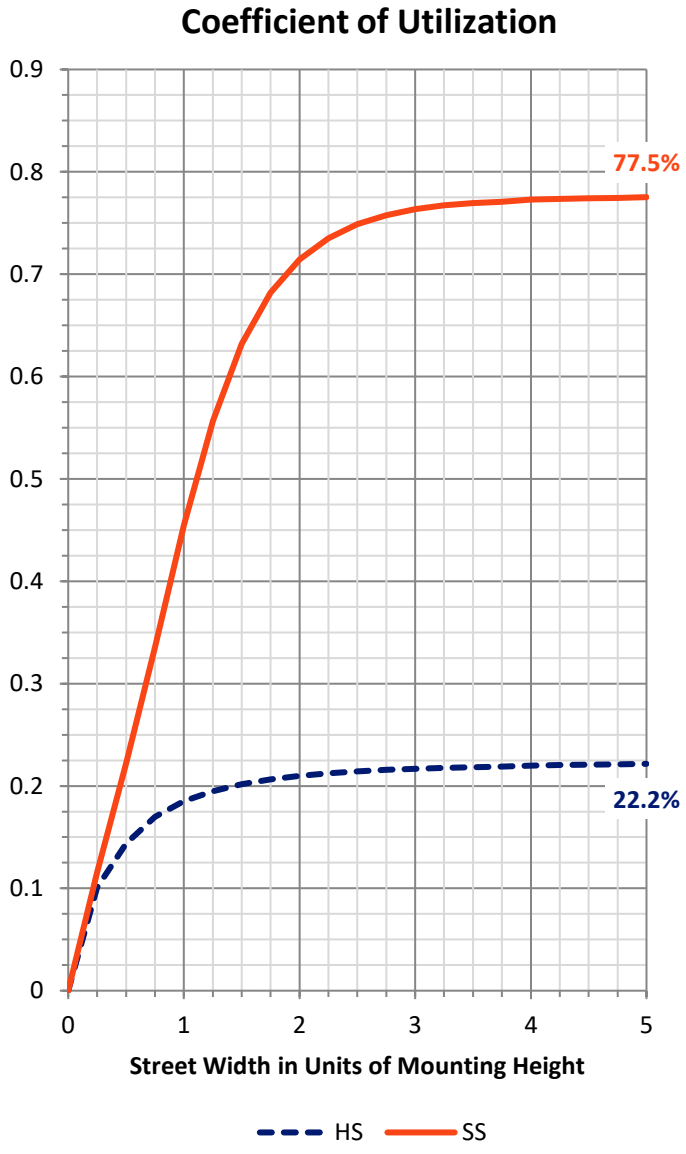
REPORT NUMBER: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2187.9	0.0	2187.9
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	7603.2	0.0	7603.2
	% Fixture	77.7	0.0	77.7
Total	Lumens	9791.1	0.0	9791.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.8	1.5
10°-20°	413.4	4.2
20°-30°	681.6	7.0
30°-40°	1046.4	10.7
40°-50°	1615.7	16.5
50°-60°	2231.6	22.8
60°-70°	2287.2	23.4
70°-80°	1295.4	13.2
80°-90°	75.1	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°	9791.1	100.0
0°-180°	9791.1	100.0



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

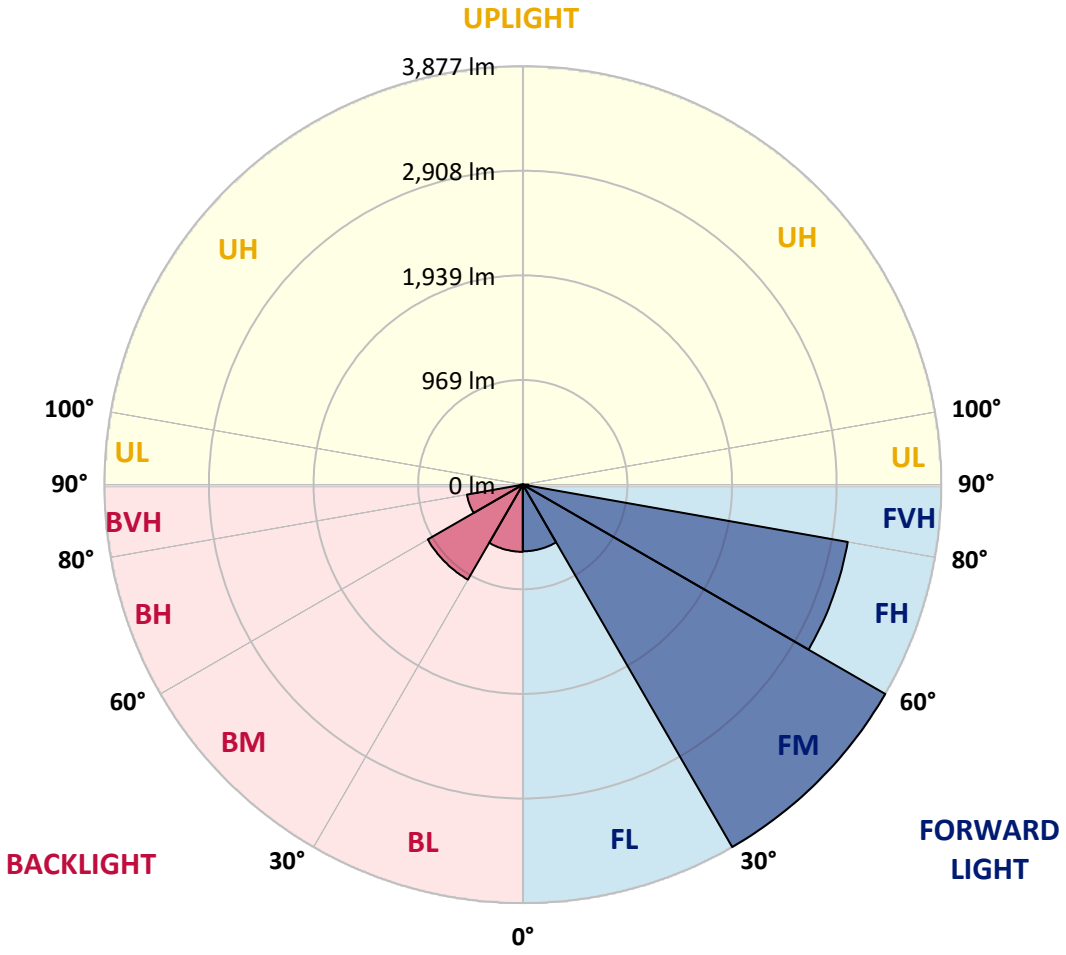
Scaled Data Report

REPORT NUMBER: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	617.3	6.3			
FM	(30°-60°)	3877.4	39.6			
FH	(60°-80°)	3056.8	31.2			G2/5000
FVH	(80°-90°)	51.8	0.5			G1/100
BL	(0°-30°)	622.4	6.4	B2/1000		
BM	(30°-60°)	1016.4	10.4	B2/2500		
BH	(60°-80°)	525.8	5.4	B2/1000		G2/1000
BVH	(80°-90°)	23.3	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: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	*1495.8*	1495.8
2.5°	1390.7	1386.2	1383.9	1388.4	1395.3	1409.0	1425.0	1436.4	1463.8	*1479.8*	1493.5
5°	1317.6	1315.4	1315.4	1326.8	1338.2	1354.2	1377.0	1397.6	1438.7	*1470.6*	1493.5
7.5°	1230.9	1228.6	1228.6	1253.7	1276.5	1313.1	1349.6	1383.9	1434.1	*1475.2*	1511.8
10°	1139.5	1139.5	1144.1	1176.1	1214.9	1267.4	1329.1	1381.6	1445.5	*1493.5*	1543.7
12.5°	1100.7	1098.4	1100.7	1130.4	1169.2	1240.0	1310.8	1390.7	1468.4	*1530.0*	1589.4
15°	1109.8	1105.3	1100.7	1125.8	1155.5	1226.3	1310.8	1409.0	1507.2	*1566.6*	1648.8
17.5°	1157.8	1155.5	1141.8	1148.7	1169.2	1233.2	1322.2	1436.4	1546.0	*1616.8*	1705.9
20°	1251.4	1244.6	1224.0	1212.6	1214.9	1256.0	1342.8	1472.9	1582.5	*1667.0*	1767.5
22.5°	1406.7	1402.1	1367.9	1322.2	1292.5	1303.9	1379.3	1514.0	1632.8	*1712.7*	1838.3
25°	1612.2	1600.8	1548.3	1475.2	1406.7	1381.6	1425.0	1568.8	1680.7	*1767.5*	1904.5
27.5°	1831.5	1833.7	1785.8	1676.2	1557.4	1472.9	1484.3	1623.6	1735.5	*1813.2*	1961.6
30°	2087.2	2075.8	2023.3	1909.1	1735.5	1594.0	1546.0	1676.2	1785.8	*1858.9*	2030.1
32.5°	2425.2	2427.5	2333.9	2158.0	1941.1	1742.4	1625.9	1731.0	1842.9	*1918.2*	2114.6
35°	2834.0	2824.8	2712.9	2500.6	2206.0	1913.7	1728.7	1801.8	1911.4	*1995.9*	2212.8
37.5°	3199.3	3174.2	3108.0	2904.8	2539.4	2146.6	1868.0	1895.4	2018.7	*2107.8*	2359.0
40°	3525.9	3514.5	3503.1	3347.8	2920.7	2436.6	2050.7	2039.3	2151.2	*2267.6*	2539.4
42.5°	3795.4	3793.1	3797.6	3763.4	3386.6	2799.7	2306.4	2226.5	2338.4	*2457.2*	2751.8
45°	3991.8	3987.2	4035.1	4105.9	3841.0	3233.6	2607.9	2459.4	2575.9	*2710.6*	3021.2
47.5°	4201.8	4204.1	4270.4	4389.1	4284.1	3665.2	2950.4	2749.5	2854.5	*3025.8*	3343.2
50°	4284.1	4284.1	4441.6	4610.6	4640.3	4124.2	3359.2	3094.3	3201.6	*3384.3*	3667.5
52.5°	4105.9	4140.2	4416.5	4733.9	4873.2	4549.0	3790.8	3468.8	3560.1	*3795.4*	3989.5
55°	3110.3	3231.3	4224.7	4674.6	4960.0	4882.4	4220.1	3884.4	3984.9	*4217.8*	4320.6
57.5°	2685.5	2717.5	3313.5	4466.7	4850.4	5062.8	4617.5	4327.4	4418.8	*4647.1*	4665.4
60°	2361.3	2404.6	2770.0	4115.1	4633.4	5044.5	4948.6	4736.2	4864.1	*5154.1*	5014.8
62.5°	1913.7	1959.3	2267.6	3288.4	4348.0	4916.6	5206.6	5122.1	5243.2	*5485.2*	5158.7
65°	1685.3	1701.3	1922.8	2521.1	3822.8	4807.0	5339.1	5286.6	5339.1	*5542.3*	5085.6
67.5°	1404.4	1436.4	1651.1	2139.7	3087.4	4574.1	5142.7	5218.1	5478.4	*5679.3*	5140.4
68°	*1345.0*	*1367.9*	*1587.1*	*2046.1*	*2950.4*	*4489.6*	*5090.2*	*5222.6*	*5533.2*	*5706.7*	*5110.7*
70°	1098.4	1130.4	1324.5	1715.0	2473.2	3594.4	4884.6	5311.7	5572.0	*5649.7*	4948.6
72.5°	543.5	600.6	913.4	1210.3	1785.8	2598.7	4281.8	5197.5	5492.1	*5444.1*	4606.0
75°	191.8	205.5	427.0	655.4	865.5	1683.0	3028.1	4738.5	5035.4	*4754.5*	3861.6
77.5°	137.0	148.4	242.1	331.1	356.2	844.9	1941.1	3133.1	2977.8	*2306.4*	1758.4
80°	107.3	116.5	180.4	185.0	178.1	296.9	662.2	950.0	669.1	*420.2*	303.7
82.5°	66.2	79.9	134.7	111.9	82.2	93.6	155.3	255.8	182.7	*116.5*	93.6
85°	25.1	32.0	61.7	43.4	27.4	36.5	52.5	68.5	52.5	*38.8*	34.3
87.5°	2.3	2.3	4.6	4.6	6.9	9.1	13.7	18.3	20.6	*20.6*	20.6
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: P1366546
CATALOG NUMBER: GSS-SB1D-750-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8	1495.8
2.5°	1502.6	1509.5	1539.2	1555.1	1584.8	1607.7	1621.4	1628.2	1635.1	1639.6	1637.3
5°	1518.6	1539.2	1596.2	1639.6	1673.9	1696.7	1708.1	1717.3	1719.6	1724.1	1721.8
7.5°	1548.3	1580.3	1667.0	1717.3	1747.0	1756.1	1747.0	1742.4	1735.5	1728.7	1728.7
10°	1596.2	1646.5	1749.2	1785.8	1788.1	1774.4	1744.7	1710.4	1685.3	1676.2	1671.6
12.5°	1657.9	1728.7	1833.7	1842.9	1813.2	1749.2	1664.8	1594.0	1548.3	1514.0	1511.8
15°	1733.3	1815.5	1906.8	1879.4	1794.9	1660.2	1520.9	1420.4	1367.9	1338.2	1324.5
17.5°	1810.9	1915.9	1973.0	1897.7	1719.6	1500.3	1333.6	1253.7	1205.7	1189.8	1178.3
20°	1897.7	1998.2	2018.7	1870.3	1582.5	1322.2	1171.5	1121.3	1121.3	1116.7	1112.1
22.5°	1986.7	2082.7	2043.8	1794.9	1402.1	1146.4	1055.0	1073.3	1105.3	1114.4	1114.4
25°	2069.0	2155.7	2043.8	1660.2	1187.5	1002.5	1009.4	1052.7	1093.8	1116.7	1116.7
27.5°	2148.9	2201.4	2002.7	1470.6	993.4	929.4	970.5	1023.1	1089.3	1123.5	1125.8
30°	2228.8	2235.7	1929.7	1228.6	854.1	876.9	924.9	993.4	1066.4	1109.8	1114.4
32.5°	2313.3	2267.6	1826.9	988.8	790.1	826.7	883.8	938.6	995.7	1027.6	1029.9
35°	2409.2	2297.3	1694.4	803.8	749.0	792.4	835.8	854.1	870.1	888.3	899.7
37.5°	2514.3	2336.1	1520.9	710.2	710.2	760.4	785.6	749.0	744.5	742.2	735.3
40°	2630.7	2377.2	1303.9	662.2	680.5	726.2	705.6	662.2	630.3	596.0	598.3
42.5°	2776.9	2429.8	1057.3	639.4	660.0	698.8	641.7	589.2	502.4	479.6	484.1
45°	2943.6	2496.0	860.9	618.9	644.0	673.7	598.3	497.8	443.0	465.9	481.8
47.5°	3119.4	2582.8	719.3	602.9	637.1	644.0	570.9	456.7	420.2	470.4	491.0
50°	3327.2	2662.7	653.1	586.9	634.8	634.8	522.9	449.9	401.9	445.3	465.9
52.5°	3537.3	2740.3	618.9	568.6	628.0	632.6	511.5	440.7	376.8	390.5	399.6
55°	3742.8	2783.7	600.6	543.5	621.1	621.1	516.1	424.8	351.7	351.7	356.2
57.5°	3950.6	2813.4	584.6	513.8	598.3	586.9	516.1	413.3	342.5	333.4	338.0
60°	4181.3	2831.7	568.6	479.6	566.3	545.8	513.8	404.2	331.1	317.4	319.7
62.5°	4217.8	2703.8	538.9	443.0	522.9	511.5	504.7	392.8	312.9	285.5	285.5
65°	4087.7	2512.0	502.4	397.3	465.9	477.3	486.4	379.1	294.6	262.6	264.9
67.5°	4074.0	2368.1	463.6	356.2	390.5	433.9	463.6	356.2	267.2	239.8	237.5
68°	*4042.0*	*2315.6*	*452.2*	*347.1*	*376.8*	*424.8*	*449.9*	*347.1*	*262.6*	*235.2*	*235.2*
70°	3836.5	2087.2	383.6	306.0	333.4	347.1	395.1	308.3	235.2	212.4	214.7
72.5°	3436.8	1701.3	294.6	248.9	267.2	267.2	342.5	285.5	214.7	194.1	194.1
75°	2865.9	1345.0	223.8	196.4	187.3	216.9	278.6	258.0	189.5	173.6	166.7
77.5°	1301.7	580.0	146.2	137.0	139.3	169.0	221.5	221.5	180.4	141.6	125.6
80°	287.7	180.4	89.1	82.2	82.2	107.3	155.3	159.9	130.2	98.2	84.5
82.5°	95.9	73.1	54.8	50.2	48.0	57.1	95.9	105.0	77.6	57.1	57.1
85°	36.5	34.3	29.7	27.4	22.8	22.8	29.7	48.0	41.1	27.4	27.4
87.5°	18.3	18.3	16.0	11.4	9.1	6.9	4.6	4.6	4.6	6.9	4.6
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

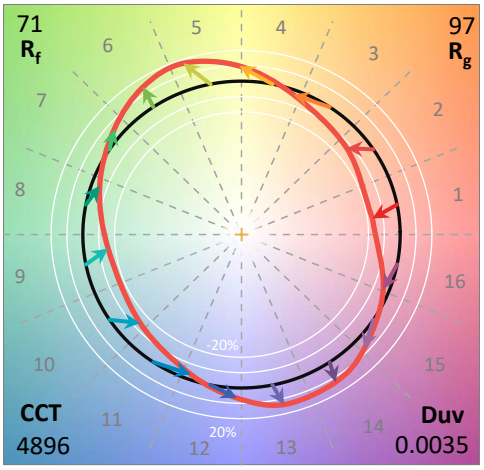
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-6
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-750-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896
CIE u':	0.2101
CIE v':	0.4901
Duv:	0.0035
CIE x:	0.3489
CIE y:	0.3618
CIE z:	0.2893
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	570
Purity:	13.25435
Rf:	70.7
Rg:	96.8

CRI (Ra):	70.2
R1:	68.1
R2:	73.9
R3:	79.4
R4:	72.1
R5:	69.2
R6:	65.7
R7:	78.1
R8:	55.3
R9:	-35.1
R10:	39.3
R11:	71.1
R12:	43.8
R13:	68.1
R14:	88.4
R15:	59.7



Test Conditions

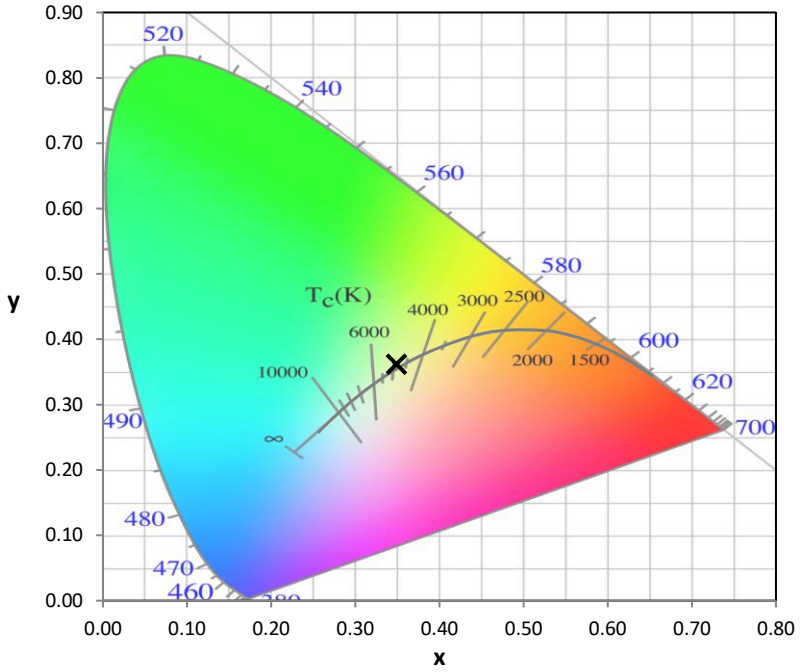
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

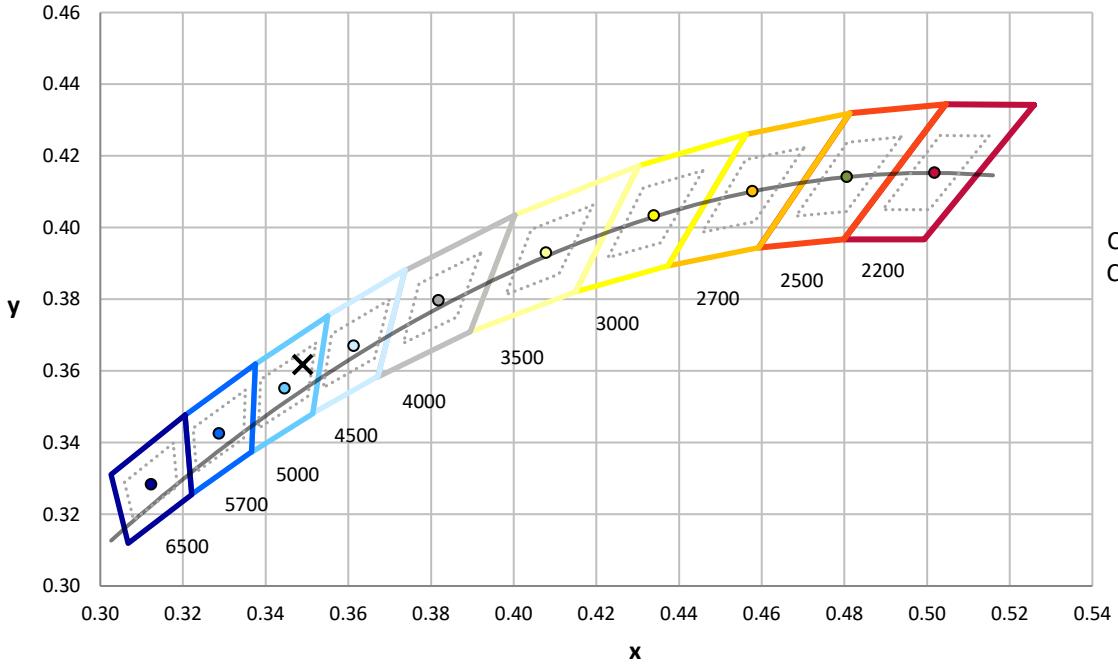
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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

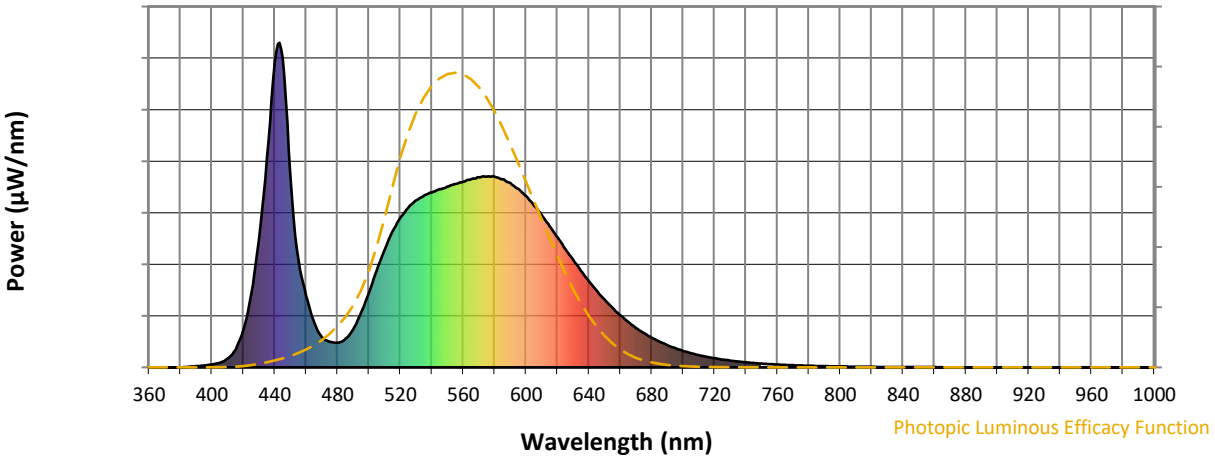


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

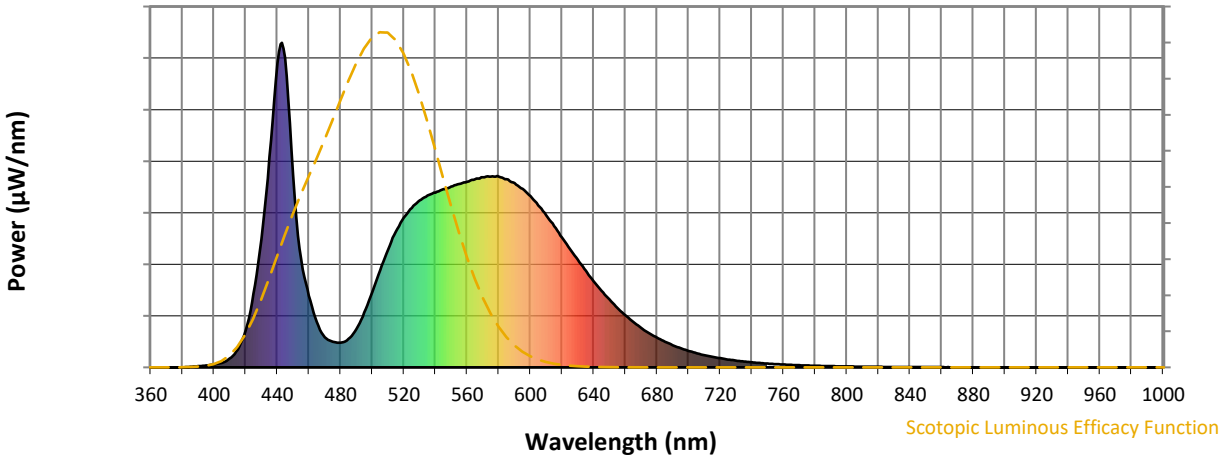


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength

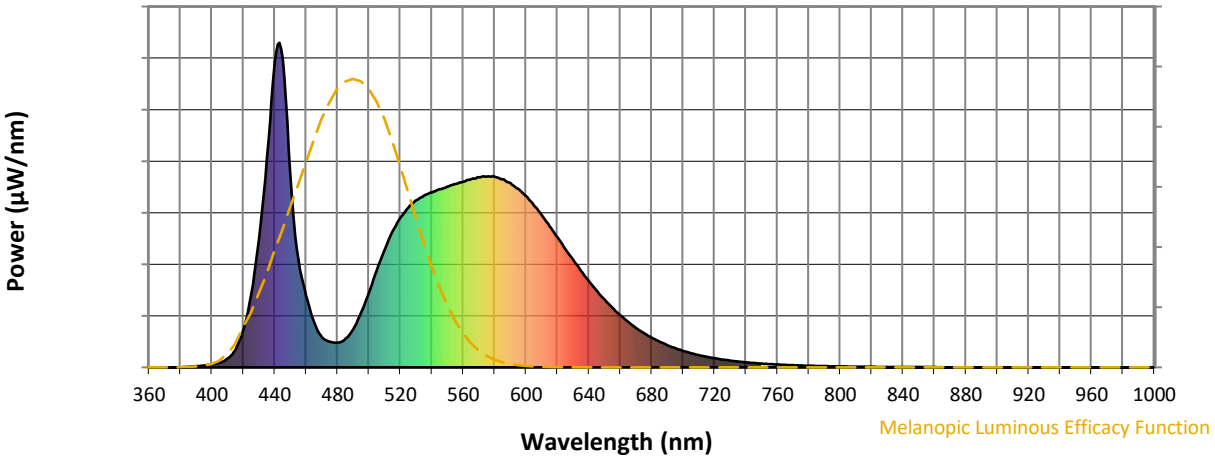


Scotopic Lumens: NR **S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

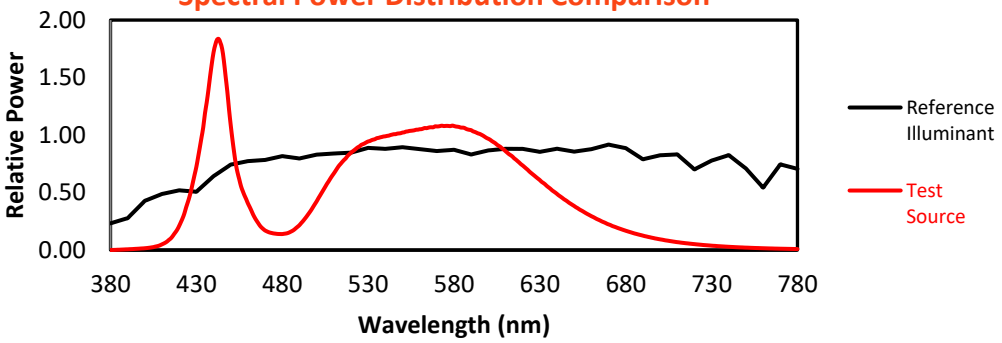
REPORT NUMBER: SP1-2407-184-6

TM-30-18

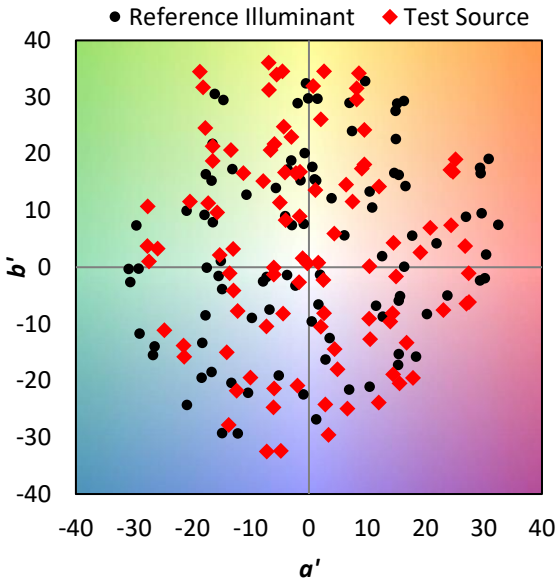
Summary

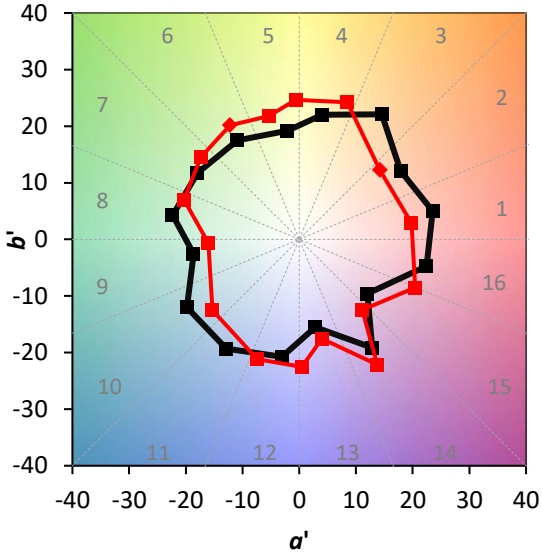
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

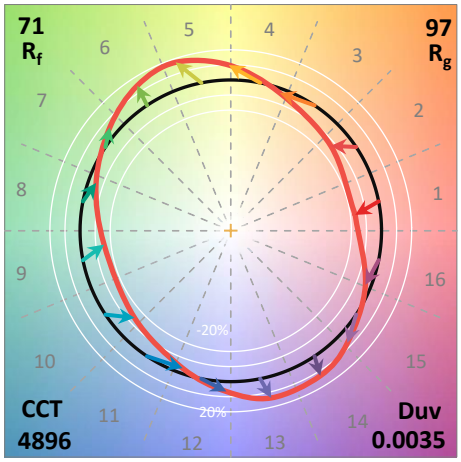
Spectral Power Distribution Comparison

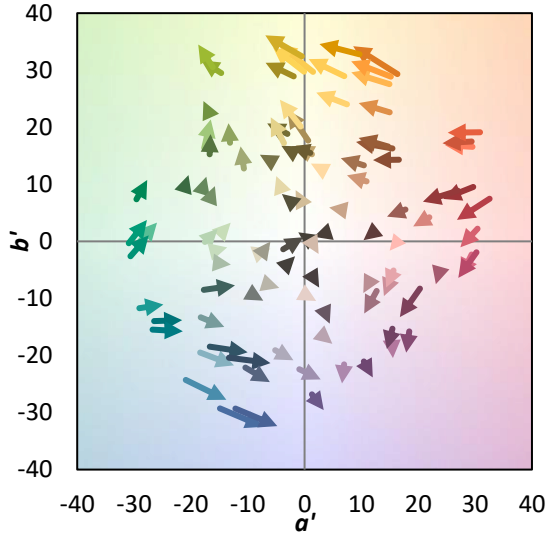


Color Vector Graphics







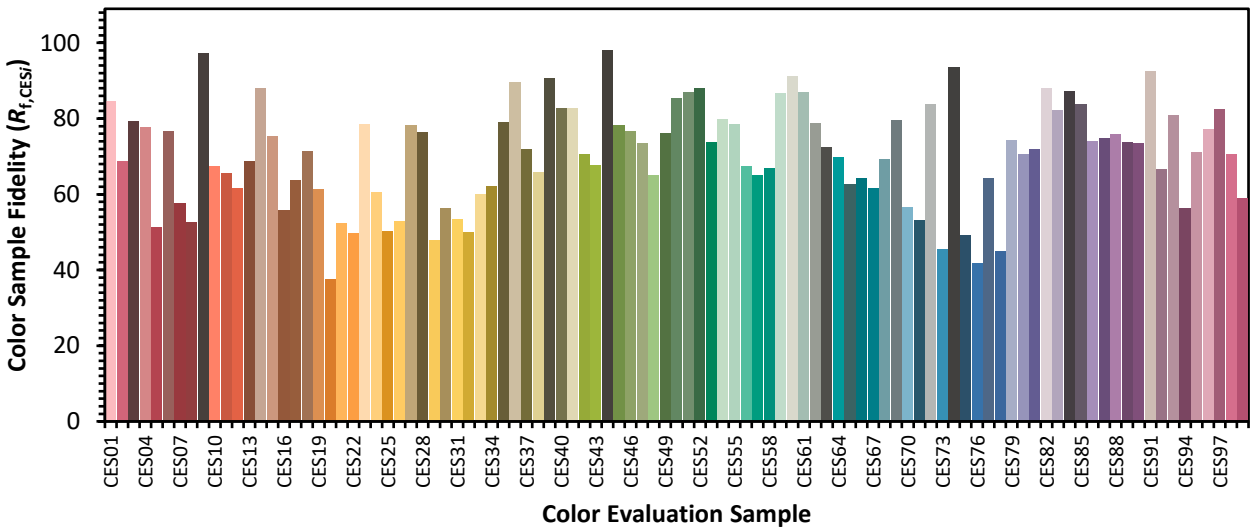


REPORT NUMBER: SP1-2407-184-6

TM-30-18

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

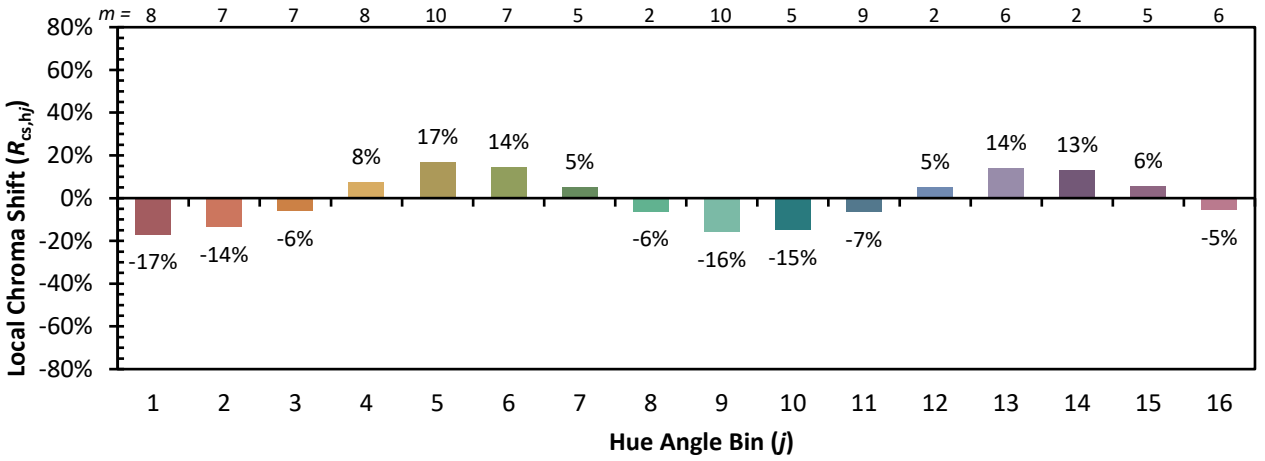
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	

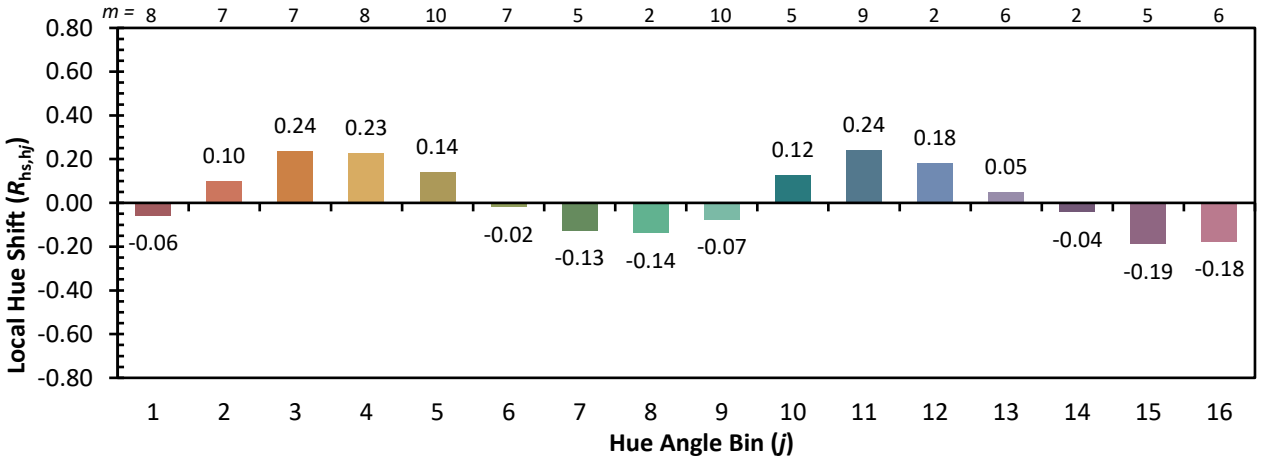


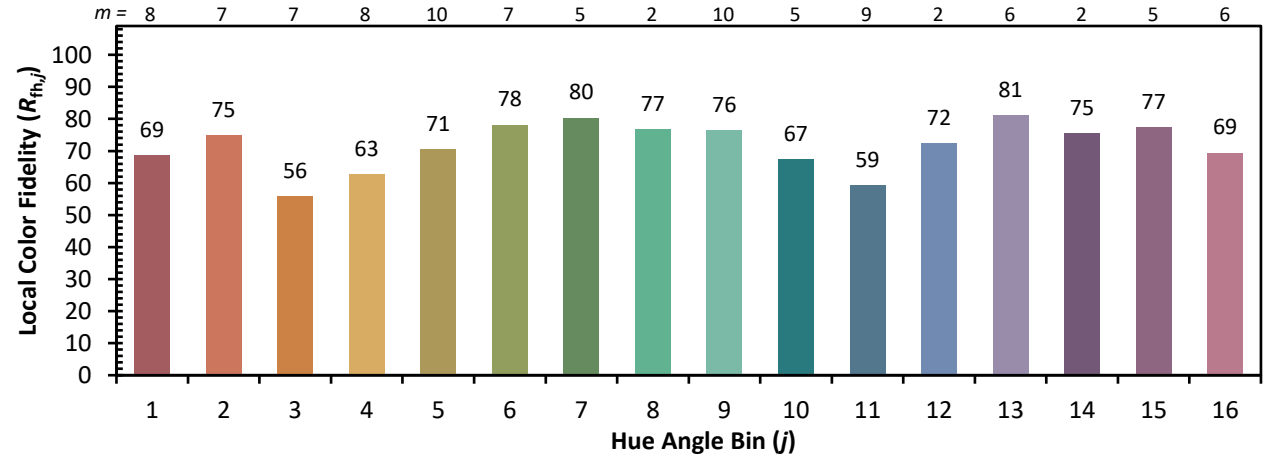
REPORT NUMBER: SP1-2407-184-6

TM-30-18

Color Rendition by Hue-Angle Bin



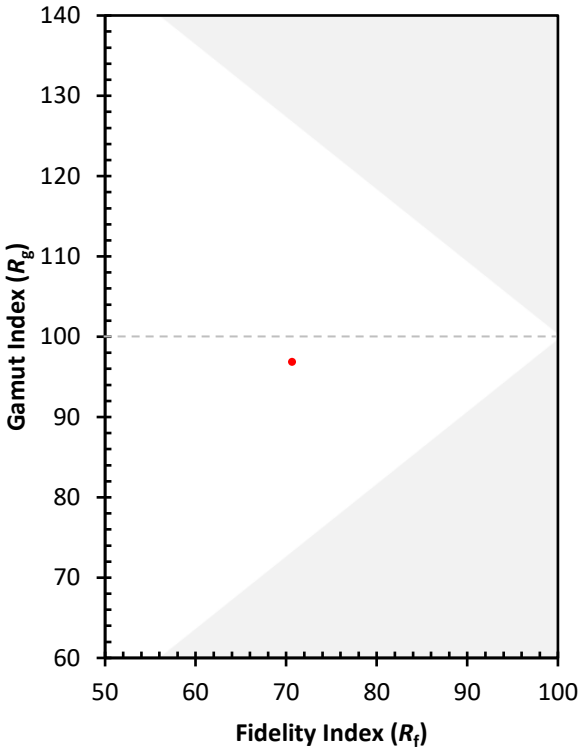


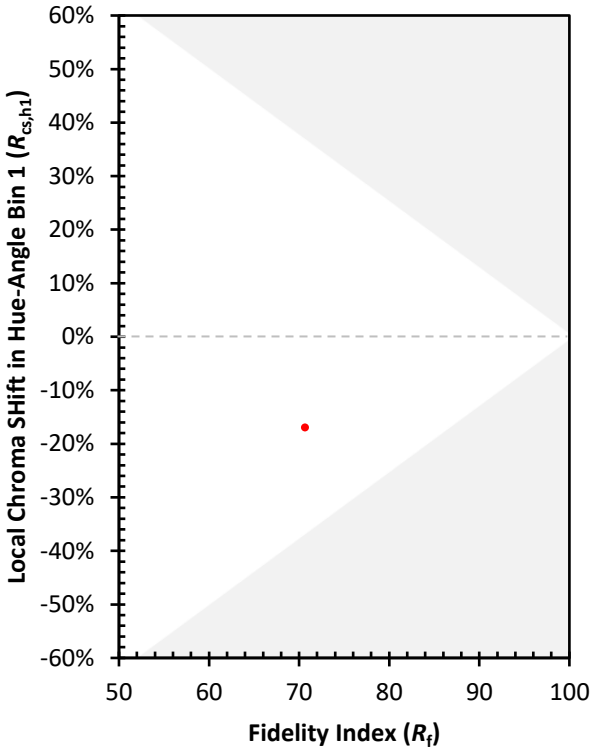


REPORT NUMBER: SP1-2407-184-6

TM-30-18

Measure Comparisons





(END OF REPORT)