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: P1362716

Luminaire Tested: **GSS-SB4B-750-U-SL2**

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:	P1362716
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-750-U-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 5000K FIXTURE w/ TYPE II SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22769.6 lumens
Efficiency:	N/A
Efficacy:	153.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

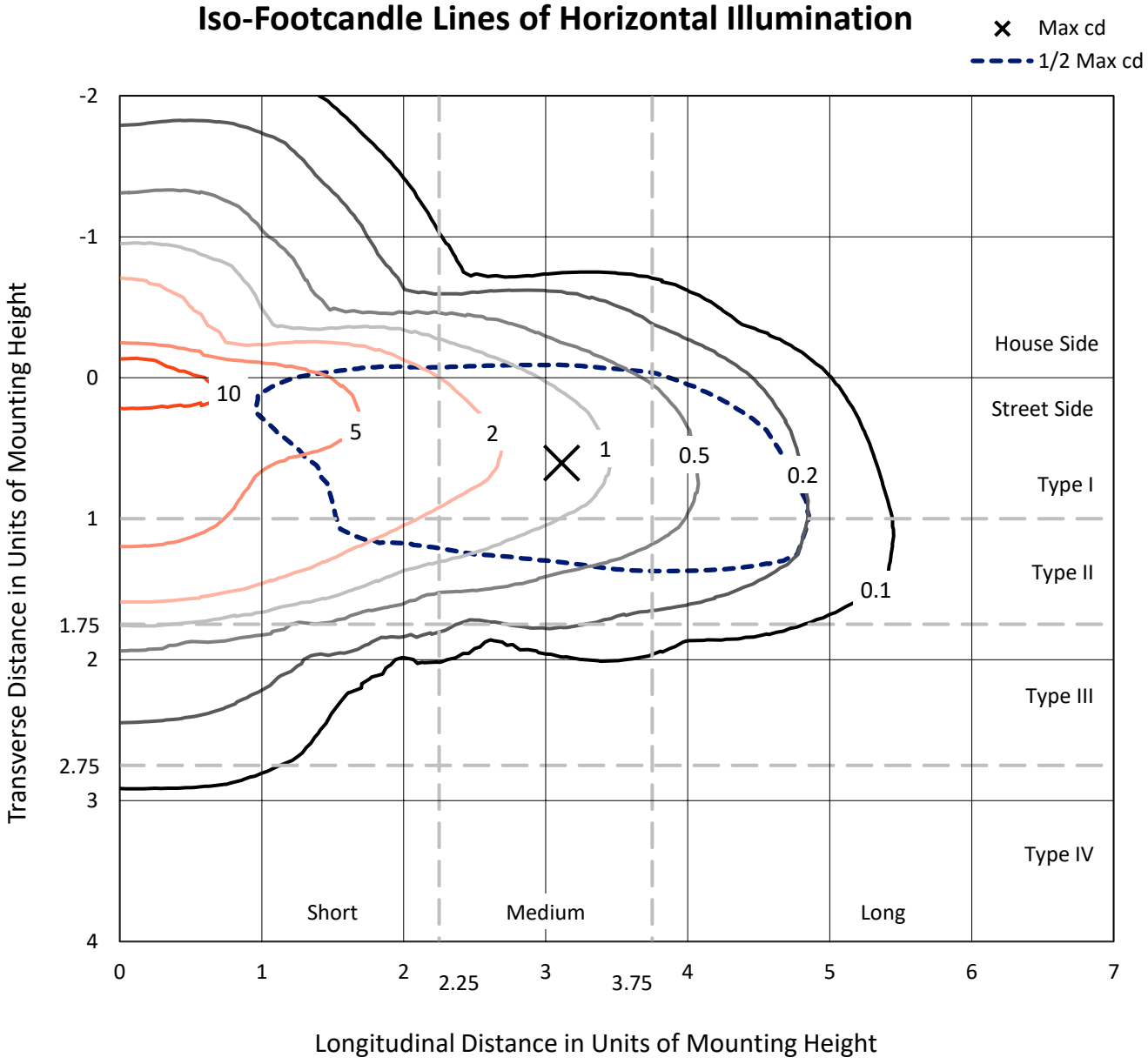
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



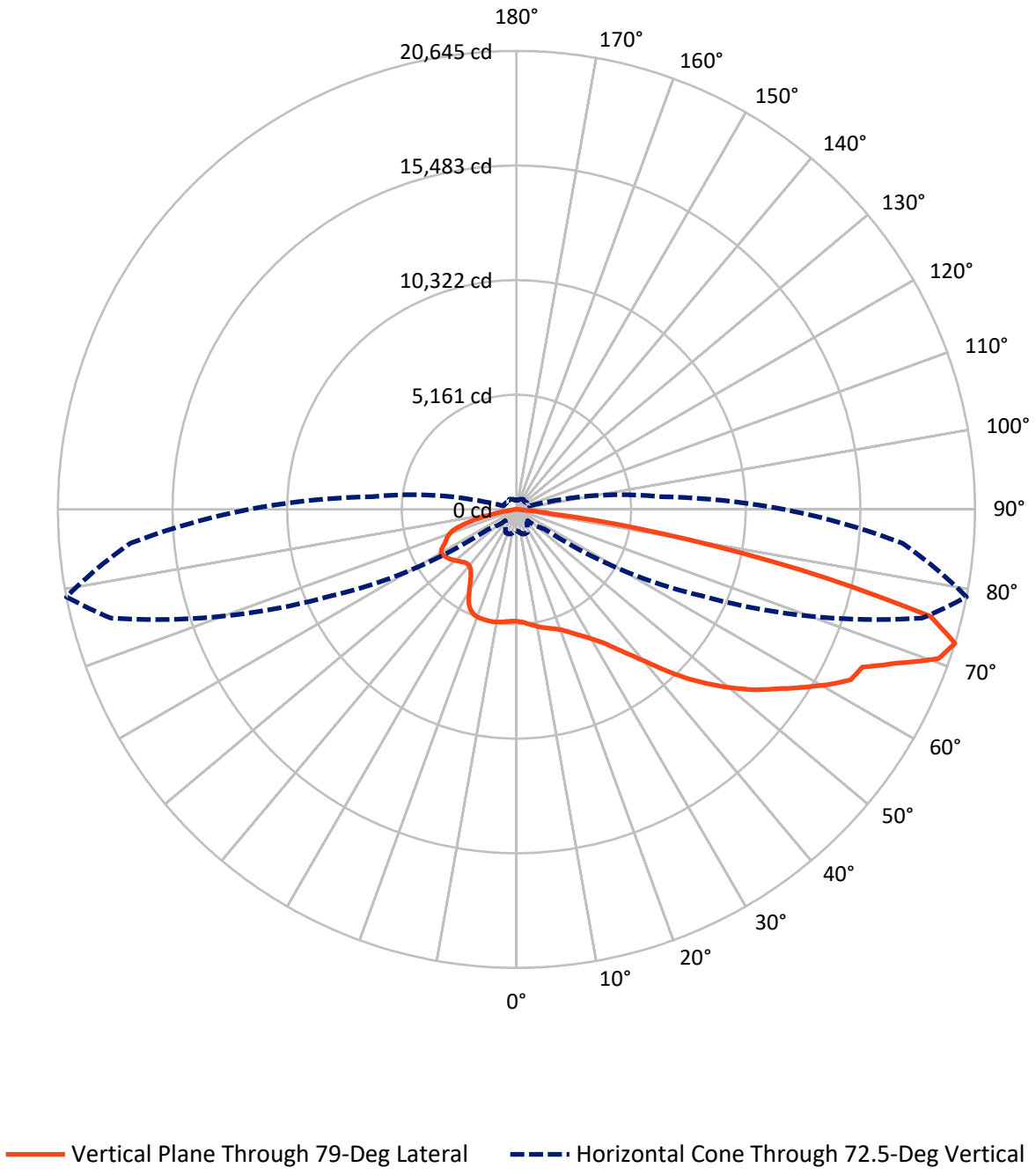
Based on 20 foot mounting height. Maximum calculated value = 12.7 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

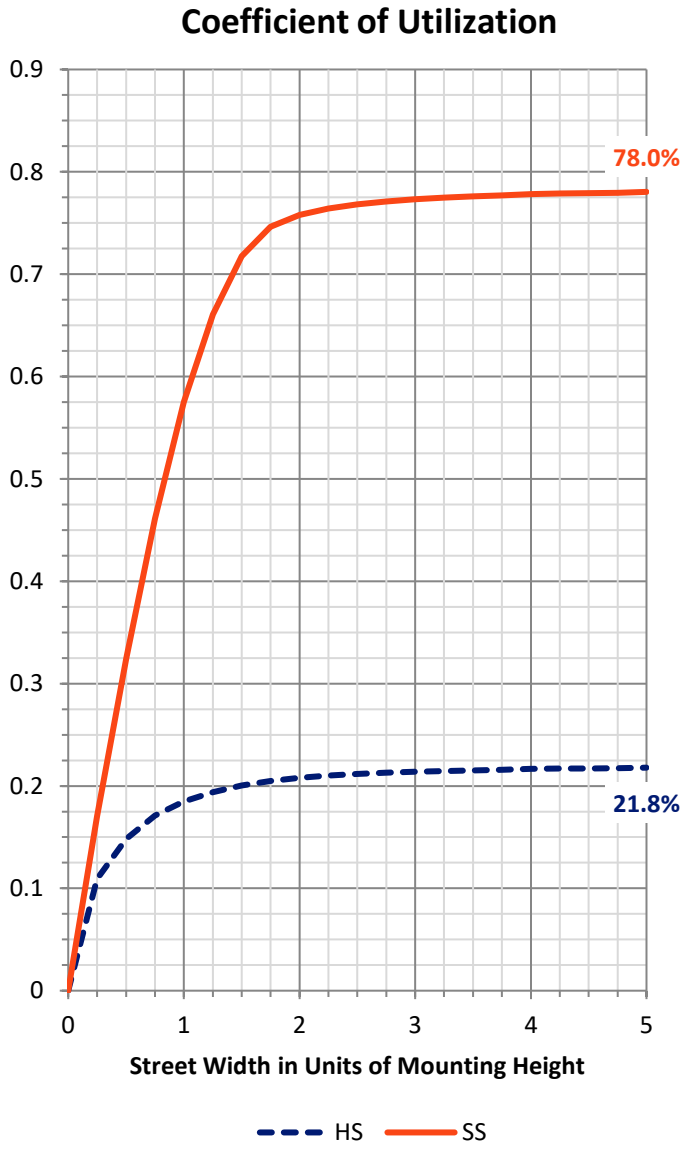
REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5001.7	0.0	5001.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	17767.9	0.0	17767.9
	% Fixture	78.0	0.0	78.0
Total	Lumens	22769.6	0.0	22769.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	468.1	2.1
10°-20°	1162.5	5.1
20°-30°	1830.4	8.0
30°-40°	2731.5	12.0
40°-50°	3883.8	17.1
50°-60°	4906.0	21.5
60°-70°	4592.1	20.2
70°-80°	2916.9	12.8
80°-90°	278.3	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°	22769.6	100.0
0°-180°	22769.6	100.0



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

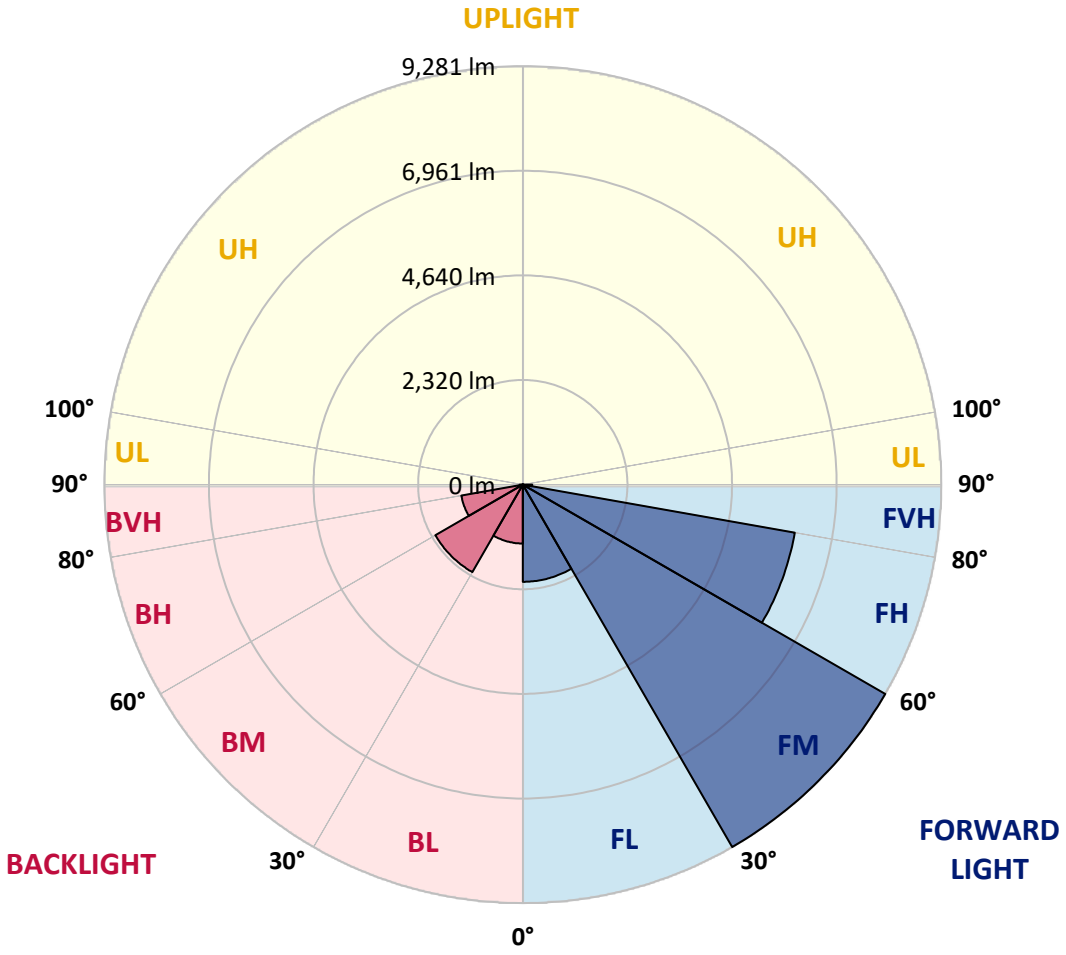
Scaled Data Report

REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2155.2	9.5			
FM	(30°-60°)	9280.9	40.8			
FH	(60°-80°)	6124.5	26.9			G3/7500
FVH	(80°-90°)	207.3	0.9			G2/225
BL	(0°-30°)	1305.8	5.7	B3/2500		
BM	(30°-60°)	2240.4	9.8	B2/2500		
BH	(60°-80°)	1384.6	6.1	B3/2500		G3/2500
BVH	(80°-90°)	71.0	0.3			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	*5042.6*	5042.6
2.5°	5161.1	5166.5	5145.0	5145.0	5150.3	5128.8	5101.9	5096.5	5074.9	*5074.9*	5074.9
5°	5188.1	5188.1	5182.7	5209.6	5220.4	5236.5	5215.0	5198.8	5166.5	*5166.5*	5123.4
7.5°	4902.5	4891.7	4934.8	5058.8	5188.1	5258.1	5301.2	5301.2	5285.0	*5258.1*	5220.4
10°	4363.8	4379.9	4444.6	4611.6	4848.6	5166.5	5338.9	5408.9	5382.0	*5371.2*	5306.6
12.5°	4078.3	4072.9	4121.4	4245.3	4450.0	4837.9	5263.5	5484.4	5489.7	*5462.8*	5387.4
15°	4045.9	4029.8	4051.3	4094.4	4229.1	4541.6	5037.2	5511.3	5565.2	*5554.4*	5468.2
17.5°	4229.1	4223.7	4191.4	4180.6	4175.2	4347.6	4816.3	5489.7	5667.5	*5656.8*	5559.8
20°	4547.0	4520.0	4460.8	4406.9	4293.7	4309.9	4643.9	5462.8	5807.6	*5791.4*	5694.5
22.5°	4886.4	4897.1	4843.3	4714.0	4514.6	4423.0	4590.1	5425.1	5996.2	*5985.4*	5856.1
25°	5301.2	5290.4	5225.8	5080.3	4816.3	4617.0	4649.3	5414.3	6211.7	*6222.4*	6066.2
27.5°	5726.8	5716.0	5635.2	5452.0	5145.0	4854.0	4784.0	5457.4	6486.4	*6481.0*	6287.1
30°	6200.9	6206.3	6103.9	5856.1	5484.4	5150.3	4999.5	5570.6	6761.2	*6777.3*	6540.3
32.5°	6626.5	6653.4	6594.2	6362.5	5899.2	5457.4	5263.5	5753.7	7127.5	*7154.5*	6863.5
35°	6895.9	6912.0	6906.6	6798.9	6341.0	5807.6	5527.5	5985.4	7569.3	*7671.6*	7294.5
37.5°	7154.5	7192.2	7197.6	7116.7	6771.9	6222.4	5839.9	6308.6	8135.0	*8302.0*	7860.2
40°	7434.6	7423.8	7499.2	7402.3	7159.8	6664.2	6163.2	6675.0	8759.9	*9034.7*	8522.8
42.5°	7601.6	7628.5	7725.5	7704.0	7461.5	7073.6	6529.5	7084.4	9541.1	*9945.1*	9325.6
45°	7709.4	7736.3	7876.4	7897.9	7768.6	7353.8	6874.3	7477.7	10257.6	*10887.9*	10187.6
47.5°	7747.1	7763.2	7946.4	8032.6	7978.7	7531.6	7143.7	7924.8	10963.3	*11776.8*	11049.5
50°	7596.2	7655.5	7892.5	8086.5	8124.2	7623.2	7375.3	8398.9	11723.0	*12638.8*	11916.9
52.5°	7364.6	7396.9	7682.4	8097.2	8215.8	7774.0	7660.9	8900.0	12439.5	*13500.8*	12660.4
55°	6912.0	6976.7	7332.2	7919.5	8269.6	7973.3	8032.6	9465.6	13182.9	*14255.0*	13468.5
57.5°	5629.8	5743.0	6330.2	7159.8	8124.2	8366.6	8587.5	10166.0	13996.4	*15127.8*	14190.4
60°	3528.7	3679.6	4293.7	5635.2	7299.9	8598.3	9471.0	11076.5	14966.2	*16043.6*	14993.1
62.5°	1912.5	1907.1	2090.3	2882.3	5263.5	7994.9	10230.7	12655.0	16216.0	*16894.9*	15461.8
65°	1659.3	1659.3	1680.9	1675.5	2273.5	5899.2	9476.4	13597.8	17078.0	*17121.1*	15063.1
67.5°	1492.3	1492.3	1524.6	1443.8	1239.1	2639.8	6933.6	13037.5	18505.7	*18478.7*	15574.9
70°	1314.5	1319.9	1373.8	1325.3	996.7	1072.1	3792.7	11873.8	19572.4	*20148.8*	16593.2
72.5°	*964.3*	*996.7*	*1152.9*	*1152.9*	*818.9*	*721.9*	*1540.8*	*9207.0*	*18904.3*	*20644.5*	*17439.0*
75°	678.8	684.2	765.0	824.3	646.5	544.1	748.8	6163.2	17342.0	*19259.9*	16684.7
77.5°	517.2	522.6	549.5	657.3	441.8	398.7	517.2	3367.1	12509.5	*13005.2*	10823.3
80°	344.8	339.4	377.1	463.3	312.5	269.4	334.0	1126.0	7019.8	*6696.5*	4520.0
82.5°	172.4	177.8	204.7	242.4	183.2	161.6	193.9	581.8	2753.0	*1600.1*	657.3
85°	48.5	59.3	70.0	97.0	75.4	70.0	91.6	204.7	350.2	*258.6*	177.8
87.5°	5.4	5.4	10.8	10.8	10.8	16.2	26.9	43.1	59.3	*59.3*	59.3
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

Scaled Data Report

REPORT NUMBER: P1362716
CATALOG NUMBER: GSS-SB4B-750-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6	5042.6
2.5°	5064.1	5048.0	5026.4	4994.1	4994.1	4956.4	4934.8	4891.7	4907.9	4886.4	4875.6
5°	5112.6	5091.1	5042.6	4988.7	4934.8	4854.0	4789.4	4697.8	4687.0	4665.5	4633.2
7.5°	5198.8	5145.0	5085.7	4961.8	4859.4	4676.3	4530.8	4347.6	4245.3	4180.6	4186.0
10°	5285.0	5215.0	5091.1	4929.5	4708.6	4406.9	4029.8	3668.8	3394.1	3237.8	3270.1
12.5°	5344.3	5268.9	5101.9	4843.3	4433.8	3830.4	3130.1	2618.3	2418.9	2316.6	2316.6
15°	5403.6	5306.6	5085.7	4660.1	3916.6	2887.6	2332.7	2138.8	2084.9	2052.6	2041.8
17.5°	5479.0	5365.8	5037.2	4320.7	3087.0	2257.3	2063.4	2004.1	2004.1	1998.7	1987.9
20°	5570.6	5435.9	4977.9	3781.9	2370.5	2025.7	1971.8	1961.0	1971.8	1966.4	1961.0
22.5°	5710.6	5522.1	4827.1	3038.5	2036.4	1917.9	1912.5	1858.6	1869.4	1880.2	1874.8
25°	5888.4	5629.8	4541.6	2322.0	1869.4	1847.9	1794.0	1745.5	1740.1	1745.5	1745.5
27.5°	6055.4	5710.6	4078.3	1912.5	1750.9	1745.5	1697.0	1653.9	1653.9	1659.3	1659.3
30°	6238.6	5759.1	3367.1	1702.4	1680.9	1653.9	1637.8	1621.6	1627.0	1643.2	1643.2
32.5°	6481.0	5807.6	2672.1	1583.9	1610.8	1573.1	1583.9	1578.5	1589.3	1616.2	1621.6
35°	6777.3	5829.2	2138.8	1513.9	1513.9	1481.5	1486.9	1465.4	1465.4	1481.5	1492.3
37.5°	7170.6	5839.9	1799.4	1476.1	1438.4	1422.3	1411.5	1384.6	1346.8	1319.9	1325.3
40°	7596.2	5866.9	1616.2	1449.2	1406.1	1400.7	1379.2	1341.5	1233.7	1147.5	1142.1
42.5°	8161.9	5942.3	1524.6	1406.1	1406.1	1406.1	1373.8	1206.8	1120.6	1061.3	1055.9
45°	8733.0	6141.6	1476.1	1368.4	1400.7	1406.1	1260.6	1158.3	1088.3	1023.6	1007.4
47.5°	9368.7	6427.2	1454.6	1346.8	1363.0	1373.8	1185.2	1136.7	1055.9	980.5	964.3
50°	9999.0	6728.8	1433.0	1309.1	1309.1	1239.1	1169.1	1115.2	1034.4	953.6	942.8
52.5°	10667.0	7079.0	1411.5	1244.5	1239.1	1163.7	1152.9	1109.8	1023.6	921.2	899.7
55°	11248.9	7396.9	1373.8	1169.1	1163.7	1088.3	1142.1	1088.3	959.0	840.4	818.9
57.5°	11803.8	7655.5	1325.3	1088.3	1099.0	1029.0	1099.0	1045.2	899.7	781.2	770.4
60°	12331.7	7924.8	1260.6	1018.2	1018.2	975.1	1045.2	975.1	840.4	721.9	705.7
62.5°	12488.0	7838.7	1152.9	942.8	937.4	905.1	975.1	894.3	765.0	657.3	641.1
65°	11949.2	7396.9	1023.6	867.4	851.2	824.3	872.8	797.3	678.8	592.6	587.2
67.5°	12024.7	7224.5	878.1	770.4	754.2	732.7	748.8	689.6	598.0	533.4	528.0
70°	12121.6	7035.9	743.5	678.8	641.1	603.4	641.1	592.6	528.0	474.1	468.7
72.5°	*12046.2*	*6513.4*	*614.2*	*571.1*	*544.1*	*501.0*	*549.5*	*511.8*	*457.9*	*414.8*	*404.1*
75°	10957.9	5236.5	501.0	468.7	436.4	409.4	441.8	431.0	387.9	382.5	344.8
77.5°	7369.9	3356.3	387.9	361.0	350.2	323.2	344.8	328.6	307.1	285.5	269.4
80°	3194.7	1503.1	280.1	253.2	242.4	226.3	247.8	242.4	231.7	215.5	210.1
82.5°	457.9	355.6	188.6	172.4	145.5	134.7	145.5	156.2	226.3	274.8	269.4
85°	129.3	107.7	91.6	80.8	64.6	53.9	59.3	97.0	129.3	80.8	70.0
87.5°	59.3	53.9	43.1	26.9	16.2	16.2	10.8	5.4	5.4	0.0	0.0
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

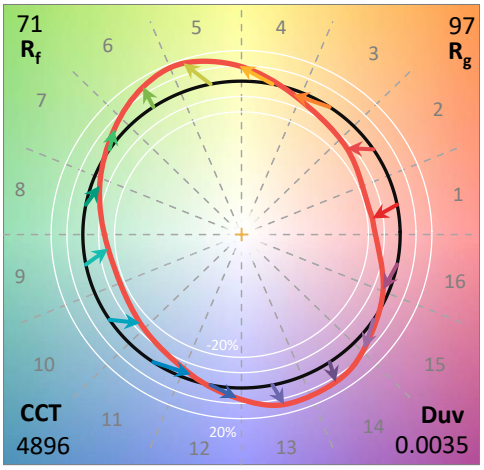
Test Information

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

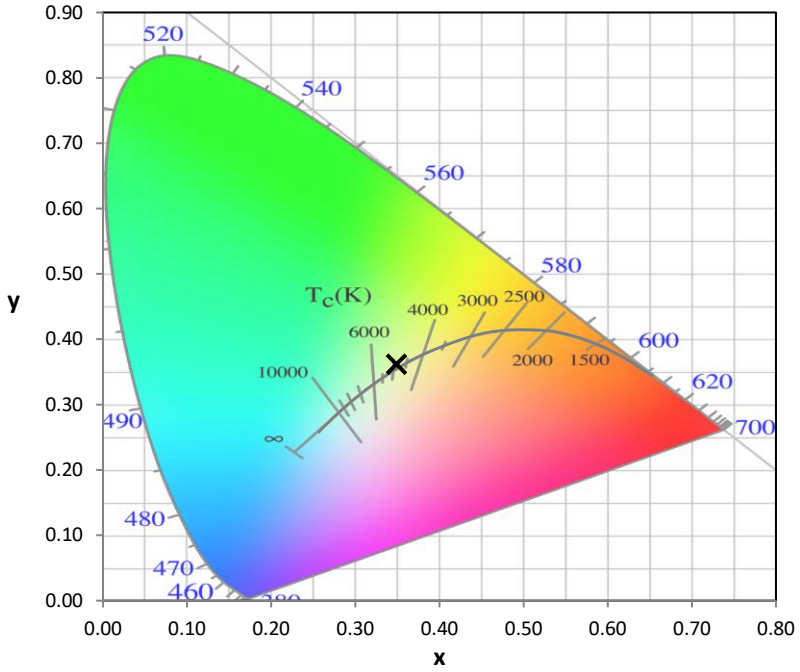
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

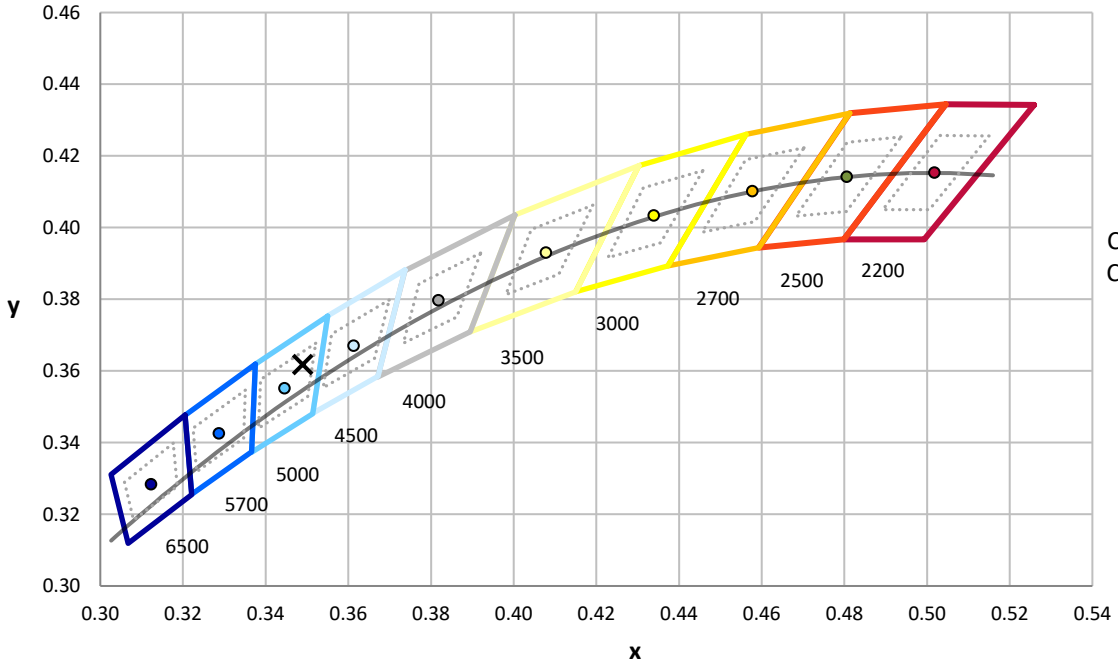
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

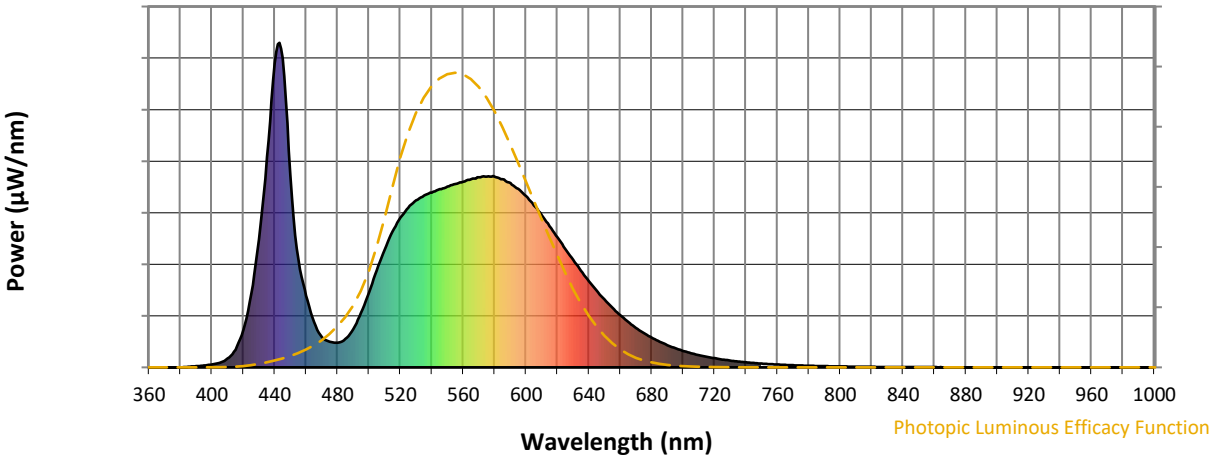


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

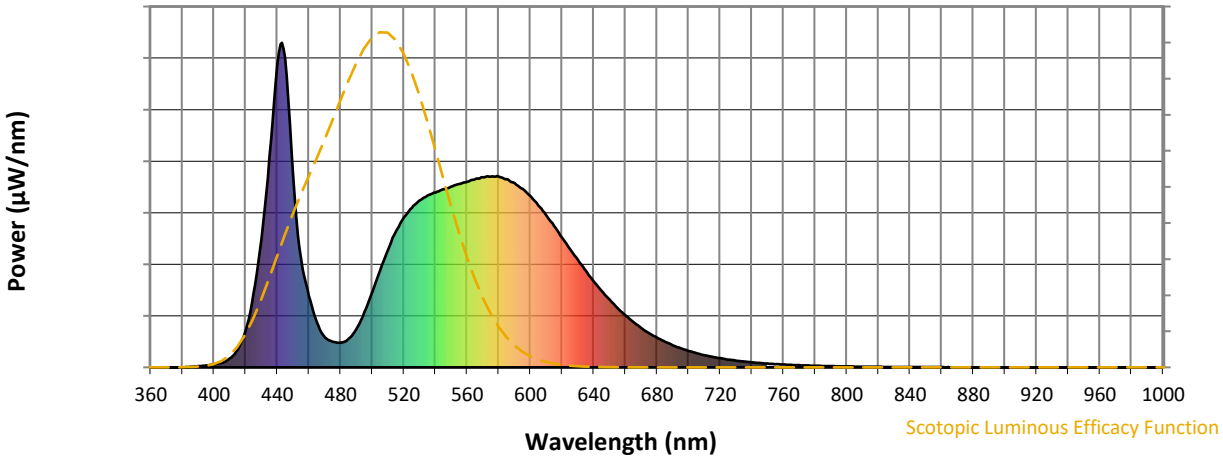


Photopic Lumens: NR

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

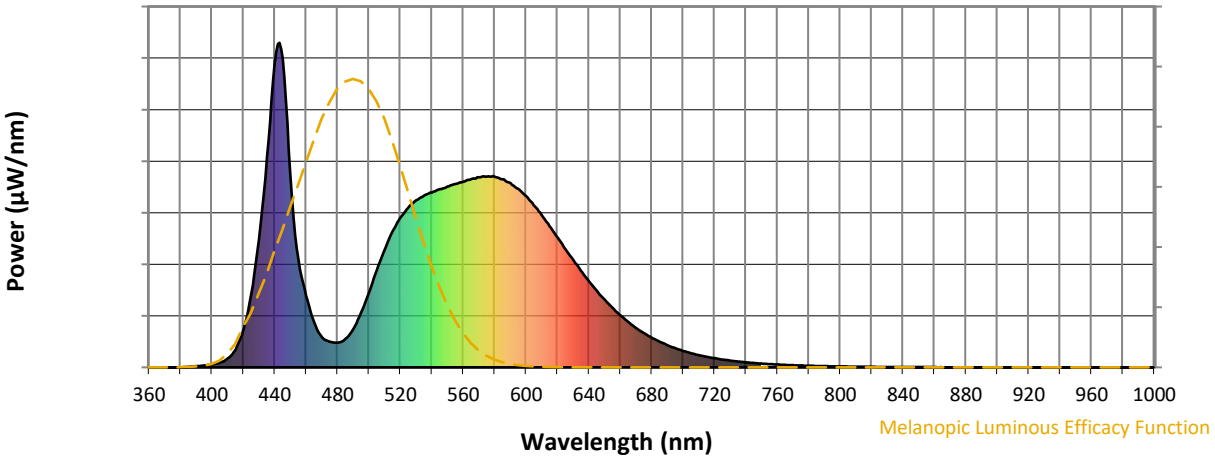


Scotopic Lumens: NR **S/P: 1.7**

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			

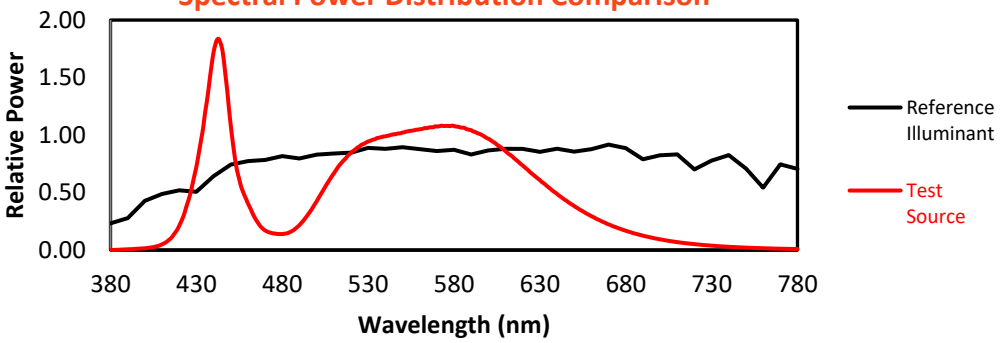
REPORT NUMBER: SP1-2407-184-6

TM-30-18

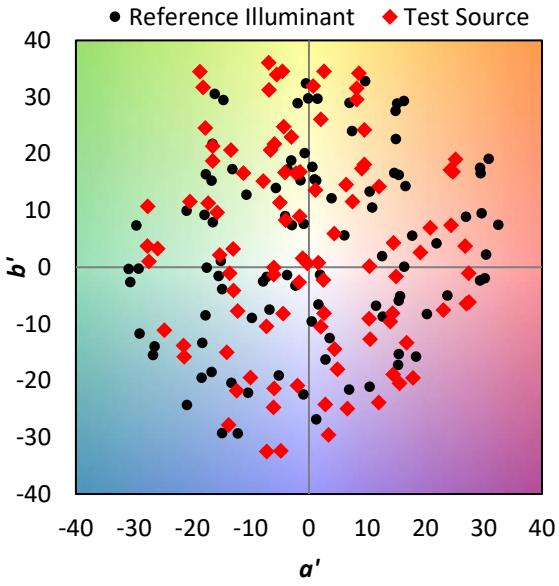
Summary

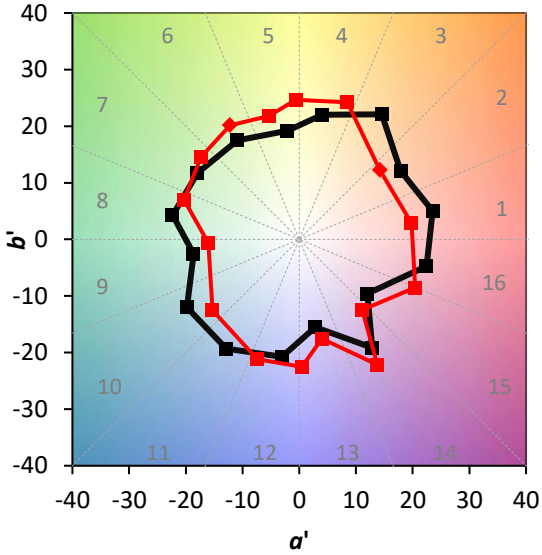
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

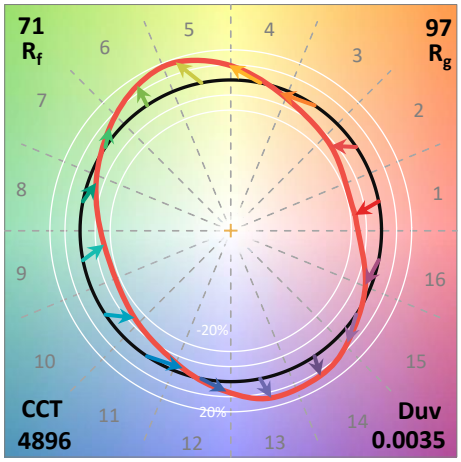
Spectral Power Distribution Comparison

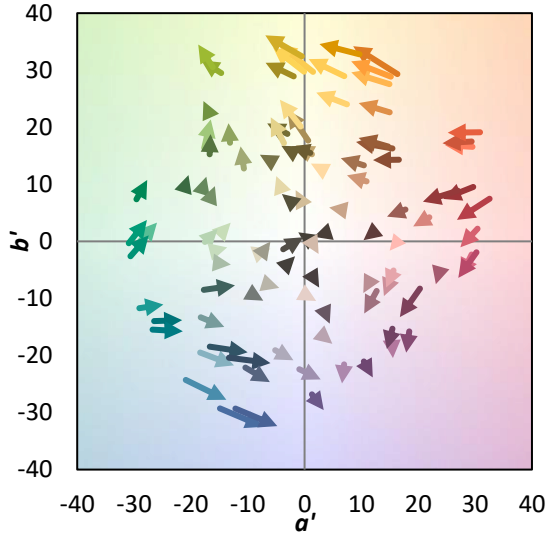


Color Vector Graphics







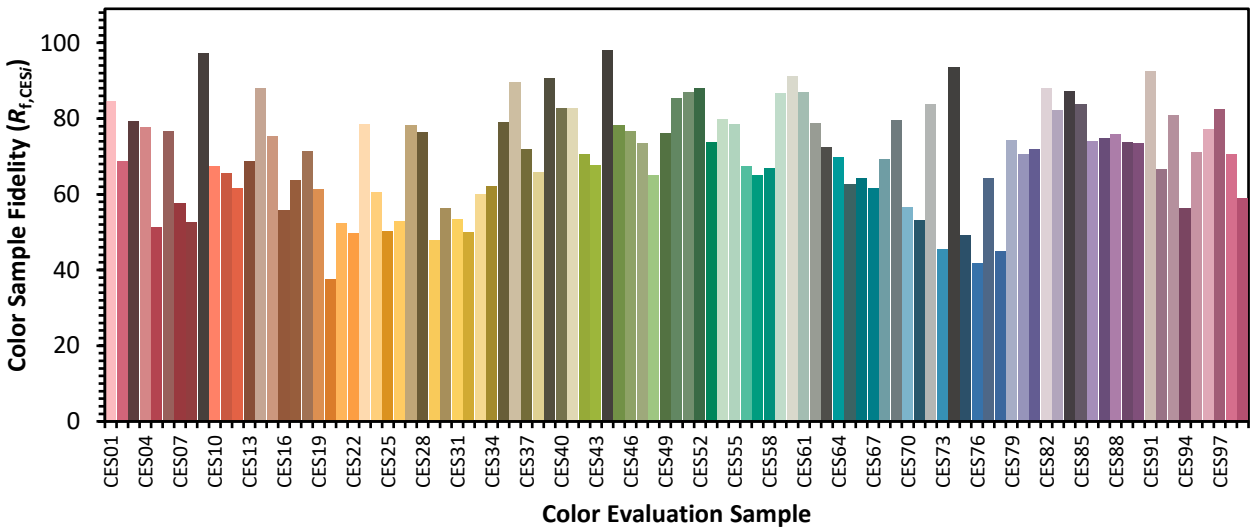


REPORT NUMBER: SP1-2407-184-6

TM-30-18

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

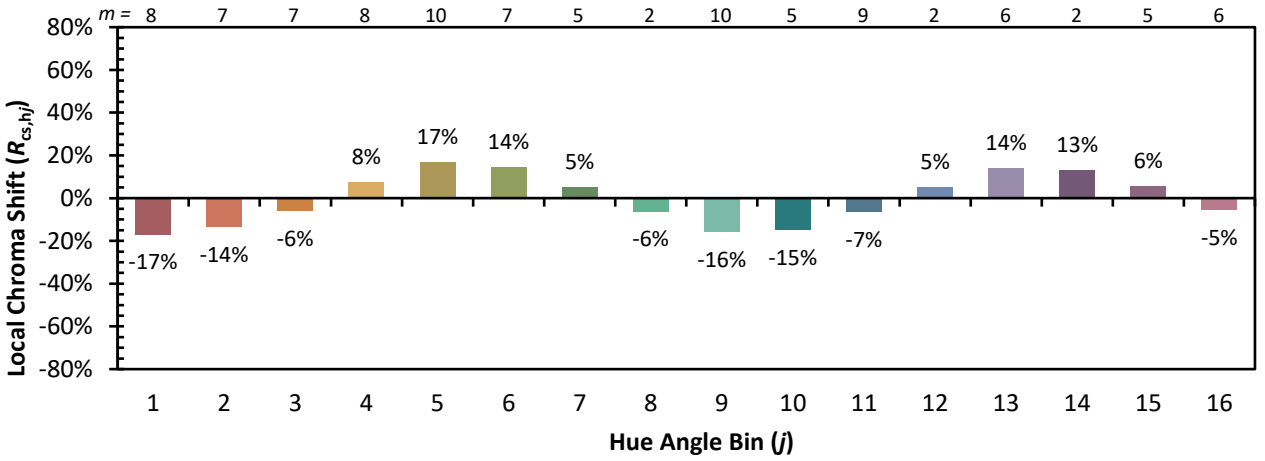
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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	

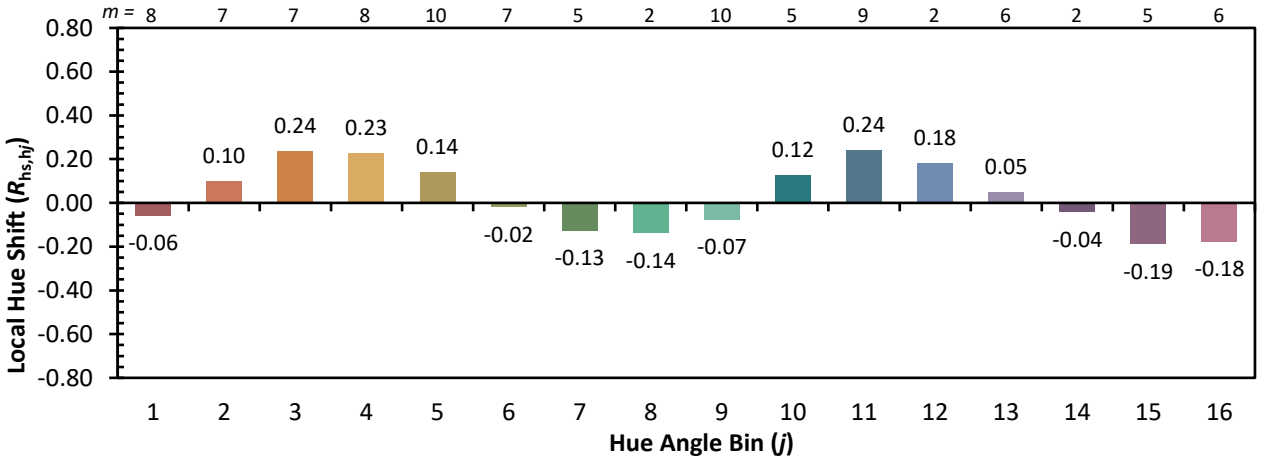


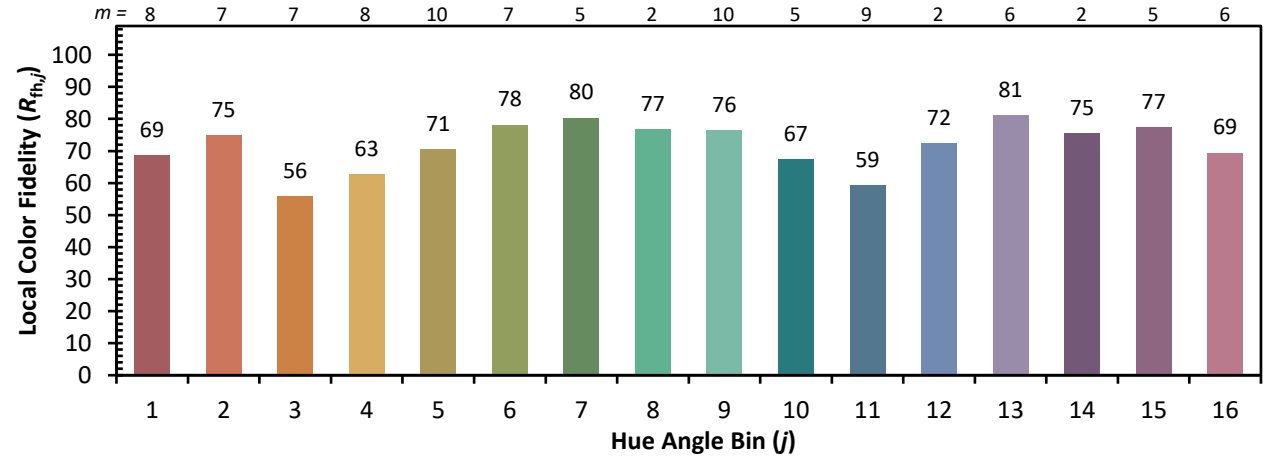
REPORT NUMBER: SP1-2407-184-6

TM-30-18

Color Rendition by Hue-Angle Bin



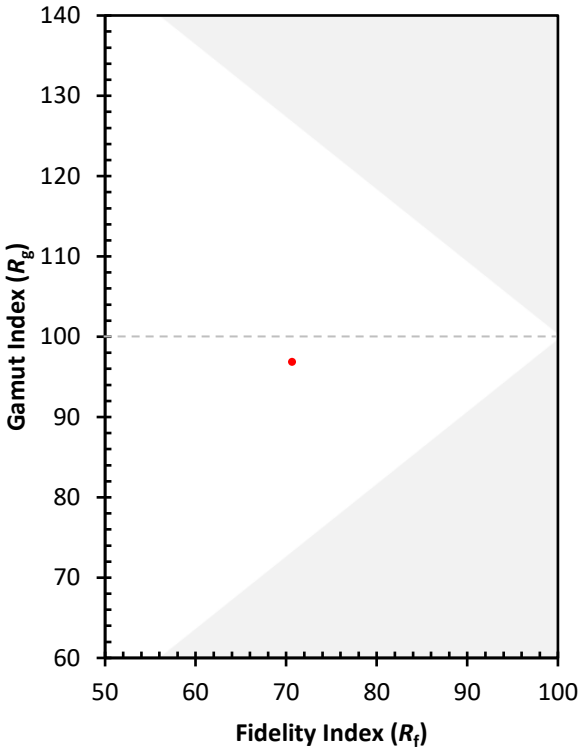


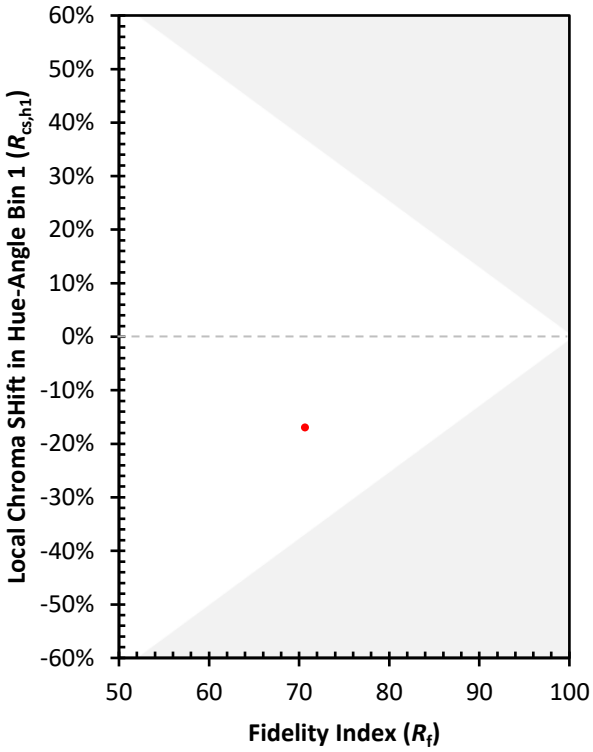


REPORT NUMBER: SP1-2407-184-6

TM-30-18

Measure Comparisons





(END OF REPORT)