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: P1367659

Luminaire Tested: **GSS-SB4A-730-U-T4W-HSS**

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:	P1367659
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-730-U-T4W-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12584.7 lumens
Efficiency:	N/A
Efficacy:	110.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

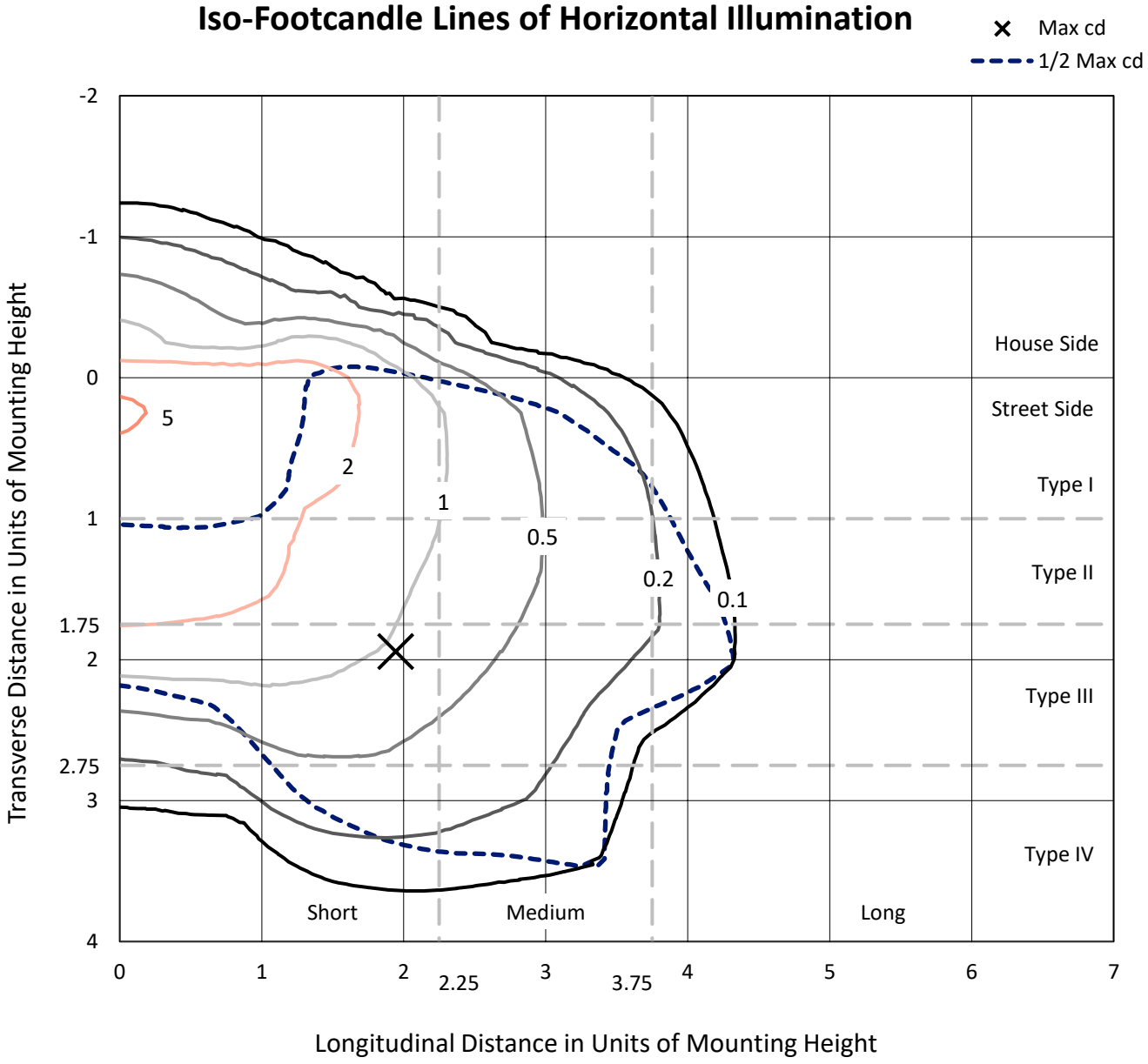
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



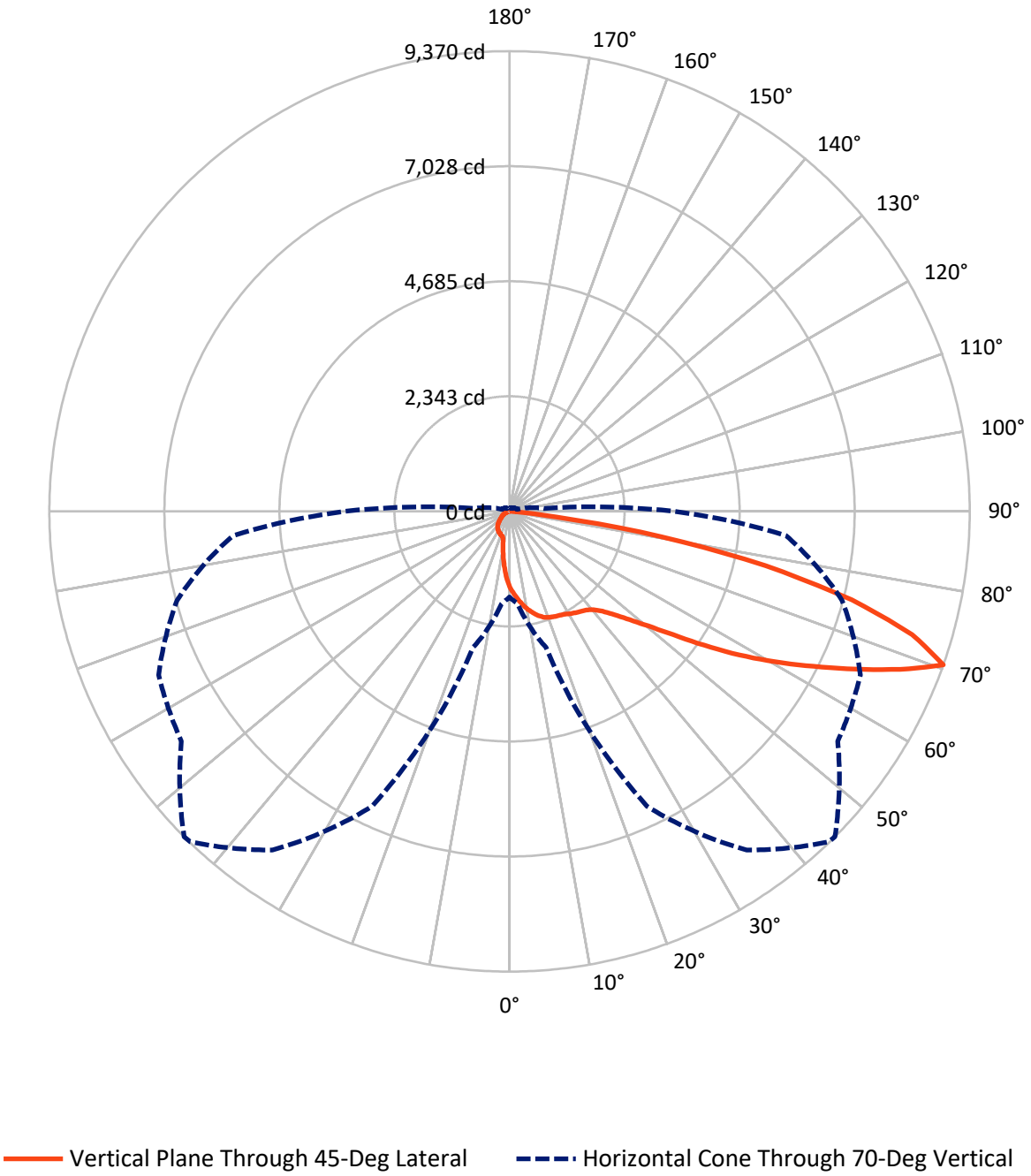
Based on 20 foot mounting height. Maximum calculated value = 5.4 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

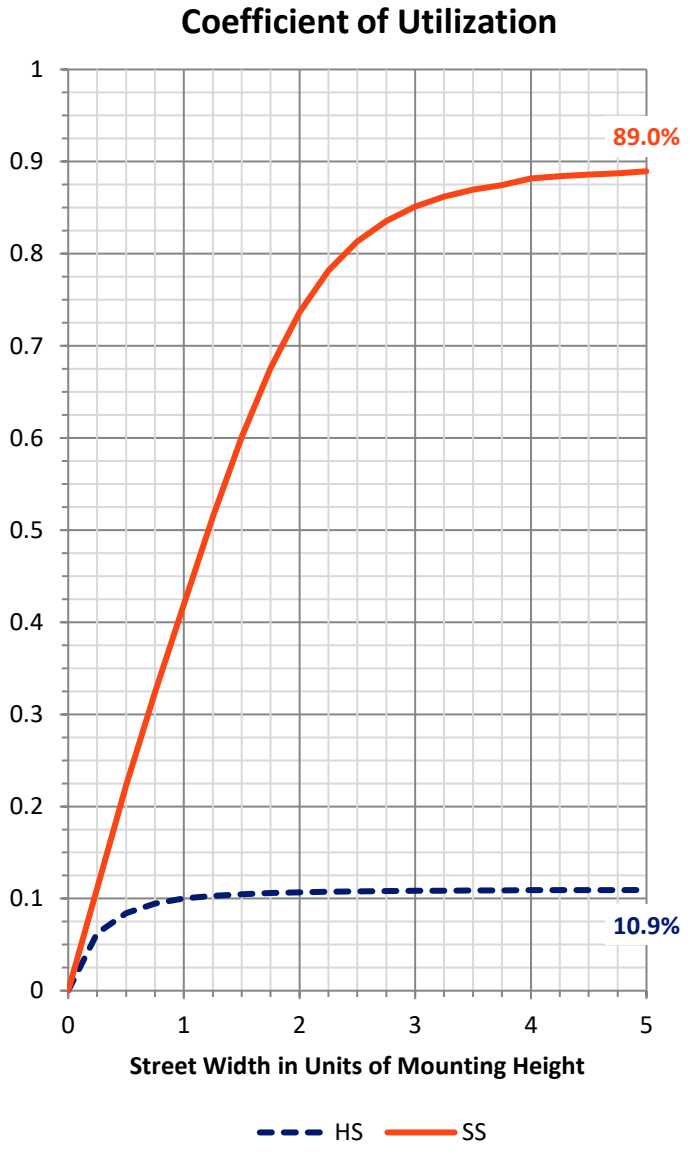
REPORT NUMBER: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1389.7	0.0	1389.7
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	11194.9	0.0	11194.9
	% Fixture	89.0	0.0	89.0
Total	Lumens	12584.7	0.0	12584.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.4	1.1
10°-20°	420.2	3.3
20°-30°	697.4	5.5
30°-40°	988.7	7.9
40°-50°	1568.1	12.5
50°-60°	2761.4	21.9
60°-70°	3579.6	28.4
70°-80°	2286.4	18.2
80°-90°	140.4	1.1
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°	12584.7	100.0
0°-180°	12584.7	100.0



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

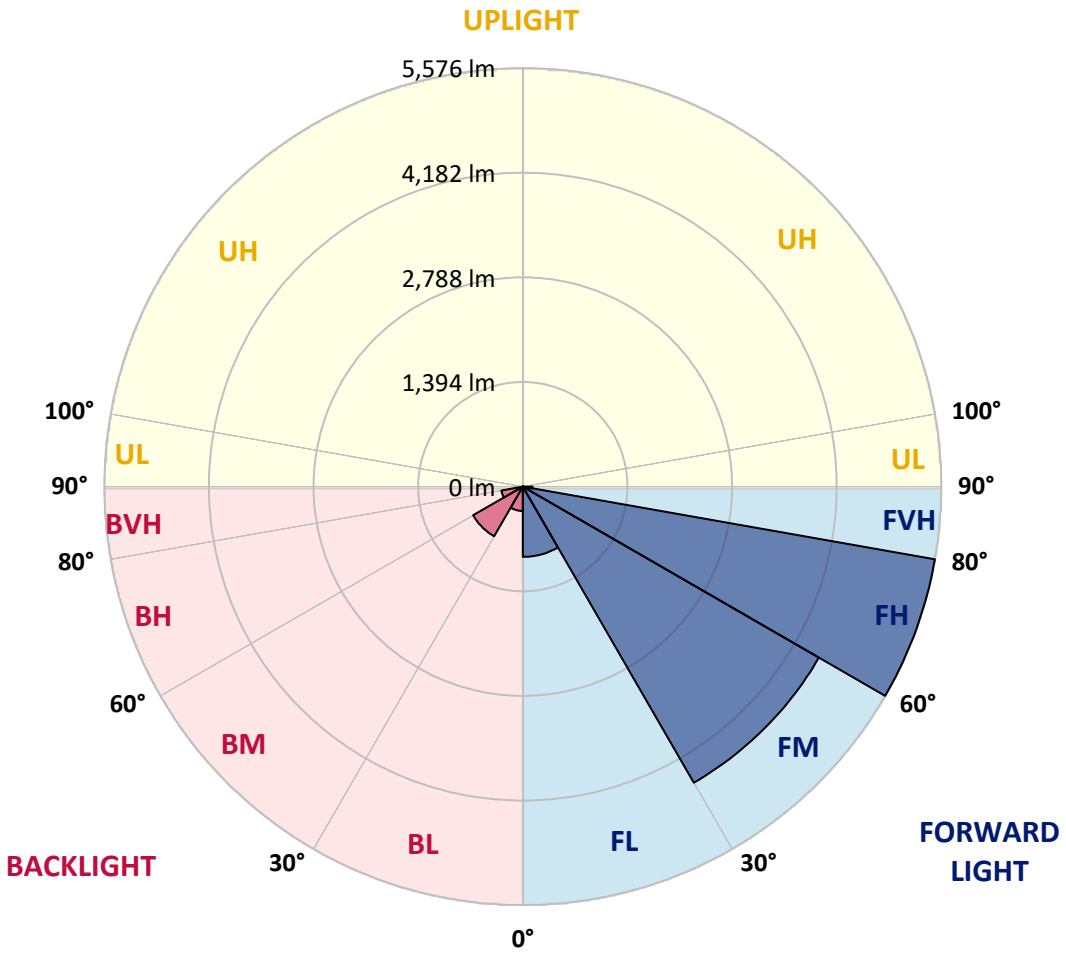
Scaled Data Report

REPORT NUMBER: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	936.3	7.4			
FM	(30°-60°)	4554.6	36.2			
FH	(60°-80°)	5576.0	44.3			G3/7500
FVH	(80°-90°)	128.1	1.0			G2/225
BL	(0°-30°)	323.7	2.6	B1/500		
BM	(30°-60°)	763.8	6.1	B1/1000		
BH	(60°-80°)	289.9	2.3	B1/500		G1/500
BVH	(80°-90°)	12.3	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	*1555.6*	1555.6	1555.6	1555.6	1555.6
2.5°	1737.4	1737.4	1721.3	1713.2	1701.1	1676.8	*1676.8*	1660.7	1628.3	1604.1	1575.8
5°	1915.2	1907.1	1882.9	1866.7	1834.4	1798.0	*1798.0*	1753.6	1705.1	1668.7	1608.1
7.5°	2060.7	2056.6	2040.5	2012.2	1967.7	1923.3	*1915.2*	1862.7	1794.0	1729.4	1656.6
10°	2202.1	2202.1	2165.7	2133.4	2084.9	2028.4	*2028.4*	1959.7	1878.9	1802.1	1709.2
12.5°	2323.3	2307.2	2278.9	2226.3	2177.9	2121.3	*2117.2*	2048.6	1963.7	1882.9	1773.8
15°	2416.2	2408.2	2371.8	2315.2	2258.7	2202.1	*2202.1*	2129.4	2048.6	1955.6	1838.4
17.5°	2480.9	2476.9	2436.4	2371.8	2311.2	2262.7	*2266.7*	2202.1	2129.4	2032.4	1911.2
20°	2497.1	2484.9	2452.6	2392.0	2343.5	2299.1	*2303.1*	2254.6	2190.0	2113.2	1979.9
22.5°	2472.8	2468.8	2432.4	2383.9	2355.6	2323.3	*2327.4*	2299.1	2258.7	2177.9	2060.7
25°	2444.5	2436.4	2412.2	2371.8	2355.6	2339.5	*2347.6*	2335.4	2319.3	2254.6	2141.5
27.5°	2436.4	2428.4	2400.1	2363.7	2363.7	2363.7	*2371.8*	2388.0	2383.9	2331.4	2222.3
30°	2448.6	2452.6	2424.3	2388.0	2379.9	2404.1	*2420.3*	2456.7	2456.7	2400.1	2311.2
32.5°	2484.9	2480.9	2456.7	2408.2	2404.1	2444.5	*2460.7*	2513.2	2501.1	2456.7	2388.0
35°	2557.7	2557.7	2521.3	2448.6	2432.4	2484.9	*2501.1*	2565.7	2565.7	2525.3	2464.7
37.5°	2691.0	2707.2	2662.7	2545.5	2493.0	2521.3	*2545.5*	2622.3	2650.6	2602.1	2557.7
40°	2929.4	2897.1	2852.6	2691.0	2594.0	2618.3	*2630.4*	2715.2	2755.7	2695.0	2666.8
42.5°	3511.2	3474.9	3280.9	2913.2	2759.7	2763.7	*2775.9*	2856.7	2933.4	2864.7	2840.5
45°	4371.9	4339.5	4012.3	3386.0	3006.2	2986.0	*3002.1*	3070.8	3175.9	3127.4	3103.1
47.5°	5030.5	4990.1	4743.6	4080.9	3402.1	3280.9	*3293.0*	3345.6	3523.4	3482.9	3478.9
50°	5349.7	5325.4	5180.0	4828.4	4068.8	3664.8	*3660.7*	3709.2	3951.7	3947.6	3959.7
52.5°	5668.9	5668.9	5555.7	5390.1	4868.9	4194.1	*4169.8*	4125.4	4456.7	4481.0	4610.3
55°	6016.4	6024.5	6020.4	5976.0	5660.8	4885.0	*4808.2*	4650.7	5042.6	5115.3	5272.9
57.5°	6367.9	6384.1	6416.4	6590.1	6501.2	5612.3	*5515.3*	5224.4	5729.5	5713.3	5814.3
60°	6642.7	6658.8	6792.2	7115.4	7188.1	6347.7	*6214.4*	5883.0	6412.3	6319.4	6254.8
62.5°	6477.0	6517.4	6990.1	7551.8	7790.2	7034.6	*6949.7*	6626.5	7087.1	6792.2	6424.5
65°	4929.5	5131.5	6178.0	7636.6	8335.6	7814.4	*7741.7*	7418.4	7547.7	6864.9	6291.1
67.5°	3046.6	3325.4	4460.8	7115.4	8614.4	8662.9	*8582.1*	8004.3	7584.1	6925.5	6137.6
70°	*1745.5*	*1886.9*	*2864.7*	*6622.5*	*8416.5*	*9353.9*	*9370.0*	*8157.9*	*7883.1*	*7010.3*	*5648.7*
72.5°	1151.6	1192.0	1571.8	5539.6	8157.9	8481.1	*8574.0*	8723.5	8085.1	6622.5	4658.7
75°	525.3	545.5	791.9	3543.6	6206.3	7289.1	*7200.2*	7264.9	7677.0	5786.1	3418.3
77.5°	165.7	189.9	319.2	1349.5	3301.1	5390.1	*5325.4*	3745.6	5689.1	3167.8	1070.7
80°	80.8	92.9	189.9	408.1	1220.2	3054.7	*3131.4*	1276.8	1802.1	715.2	218.2
82.5°	36.4	40.4	109.1	193.9	476.8	897.0	*953.6*	416.2	468.7	222.2	80.8
85°	16.2	20.2	44.4	76.8	133.3	145.5	*157.6*	88.9	173.7	125.3	40.4
87.5°	0.0	4.0	4.0	12.1	12.1	16.2	*16.2*	20.2	24.2	28.3	24.2
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: P1367659
CATALOG NUMBER: GSS-SB4A-730-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6	1555.6
2.5°	1559.6	1539.4	1511.2	1470.8	1442.5	1398.0	1365.7	1341.5	1313.2	1321.3	1325.3
5°	1571.8	1539.4	1462.7	1365.7	1280.9	1196.0	1135.4	1078.8	1042.5	1038.4	1022.3
7.5°	1604.1	1547.5	1418.2	1260.6	1111.1	998.0	897.0	820.2	771.7	755.6	747.5
10°	1648.5	1567.7	1365.7	1143.5	945.5	791.9	674.8	614.2	589.9	585.9	585.9
12.5°	1697.0	1596.0	1313.2	1026.3	783.9	618.2	565.7	557.6	557.6	561.6	561.6
15°	1753.6	1616.2	1252.6	888.9	626.3	545.5	541.4	541.4	541.4	549.5	545.5
17.5°	1810.2	1644.5	1179.8	751.5	541.4	525.3	525.3	525.3	525.3	533.4	529.3
20°	1870.8	1664.7	1103.1	626.3	517.2	513.1	513.1	509.1	509.1	517.2	517.2
22.5°	1939.5	1680.9	1018.2	541.4	505.1	497.0	497.0	497.0	492.9	501.0	501.0
25°	2008.2	1705.1	921.2	497.0	488.9	484.9	480.8	480.8	476.8	484.9	480.8
27.5°	2084.9	1733.4	828.3	480.8	476.8	472.7	468.7	464.7	460.6	468.7	464.7
30°	2173.8	1761.7	739.4	472.7	464.7	460.6	452.5	448.5	440.4	448.5	448.5
32.5°	2254.6	1790.0	670.7	468.7	456.6	440.4	428.3	420.2	416.2	424.3	428.3
35°	2339.5	1834.4	634.4	476.8	448.5	424.3	404.1	391.9	387.9	396.0	400.0
37.5°	2440.5	1886.9	626.3	492.9	440.4	404.1	375.8	355.6	351.5	359.6	363.6
40°	2581.9	1959.7	642.4	501.0	428.3	379.8	339.4	319.2	307.1	307.1	311.1
42.5°	2763.7	2113.2	654.6	509.1	408.1	351.5	307.1	278.8	258.6	258.6	262.6
45°	3042.5	2367.8	715.2	501.0	387.9	315.2	270.7	234.4	218.2	218.2	222.2
47.5°	3418.3	2723.3	884.9	484.9	359.6	282.8	234.4	202.0	189.9	189.9	189.9
50°	3915.3	3167.8	1066.7	456.6	327.3	250.5	202.0	181.8	173.7	169.7	165.7
52.5°	4509.2	3636.5	1196.0	428.3	299.0	222.2	181.8	165.7	157.6	153.5	153.5
55°	5083.0	3967.8	1240.4	400.0	270.7	198.0	169.7	157.6	149.5	145.5	145.5
57.5°	5430.5	4032.5	1058.6	367.7	242.4	181.8	153.5	145.5	137.4	133.3	133.3
60°	5511.3	3753.7	747.5	323.2	210.1	161.6	141.4	133.3	125.3	117.2	117.2
62.5°	5224.4	3103.1	521.2	262.6	185.9	145.5	129.3	121.2	109.1	101.0	97.0
65°	4646.6	2266.7	367.7	206.1	161.6	129.3	113.1	105.1	92.9	80.8	76.8
67.5°	4056.7	1373.8	238.4	169.7	141.4	105.1	97.0	92.9	80.8	68.7	68.7
70°	*3357.7*	*703.1*	*165.7*	*137.4*	*117.2*	*84.9*	*80.8*	*80.8*	*72.7*	*60.6*	*60.6*
72.5°	2590.0	258.6	113.1	109.1	88.9	64.6	72.7	68.7	60.6	52.5	52.5
75°	1757.6	125.3	84.9	76.8	60.6	52.5	56.6	56.6	52.5	44.4	40.4
77.5°	557.6	80.8	64.6	60.6	48.5	44.4	48.5	48.5	40.4	36.4	32.3
80°	141.4	56.6	52.5	44.4	36.4	36.4	40.4	32.3	32.3	28.3	28.3
82.5°	60.6	40.4	36.4	32.3	28.3	28.3	28.3	28.3	24.2	24.2	24.2
85°	32.3	28.3	24.2	24.2	24.2	20.2	20.2	24.2	20.2	20.2	20.2
87.5°	20.2	20.2	16.2	12.1	12.1	16.2	16.2	16.2	16.2	16.2	16.2
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

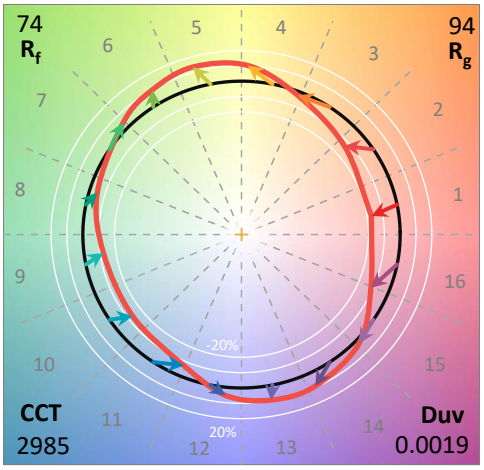
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

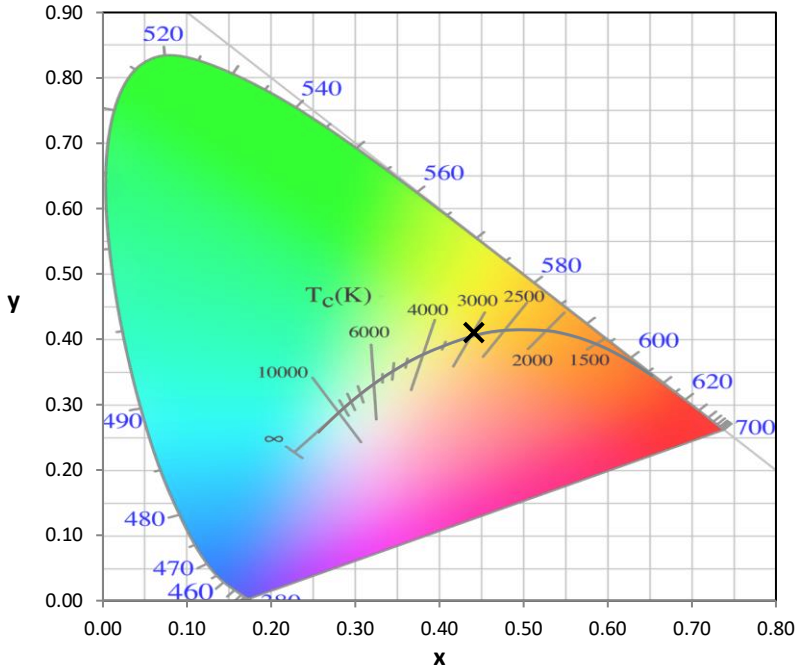
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

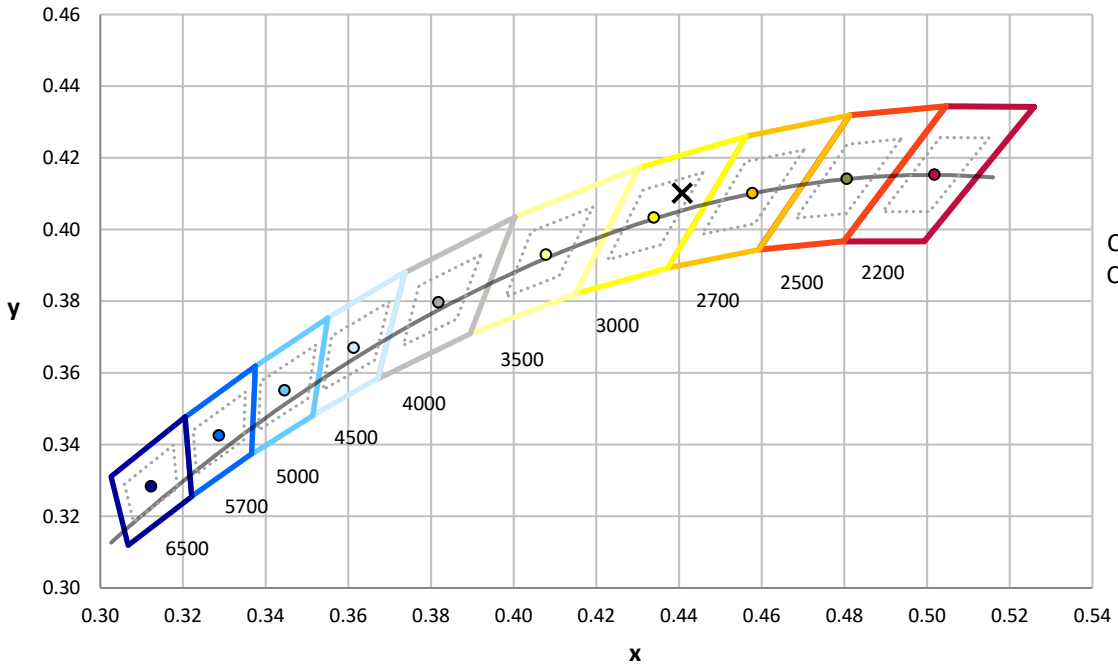
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

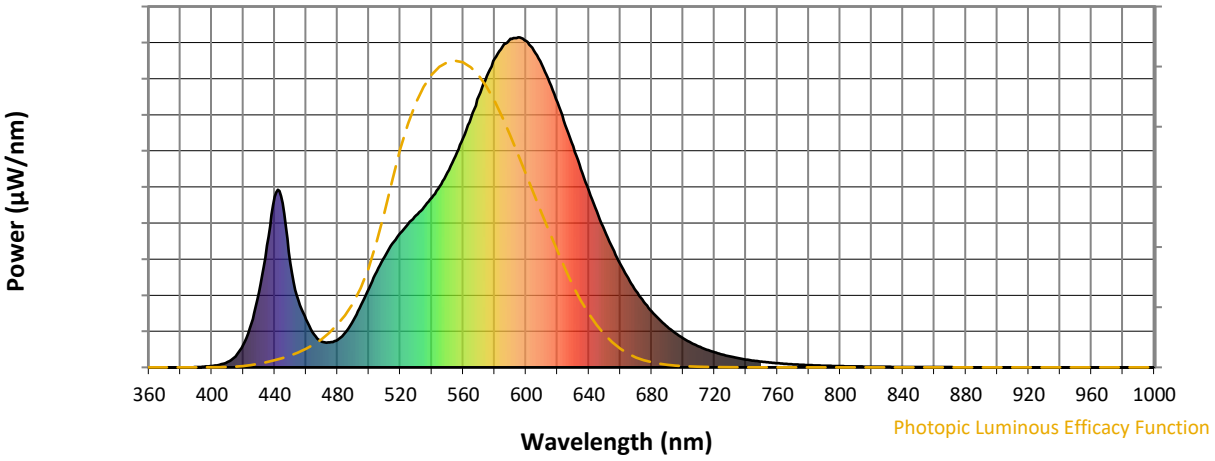


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

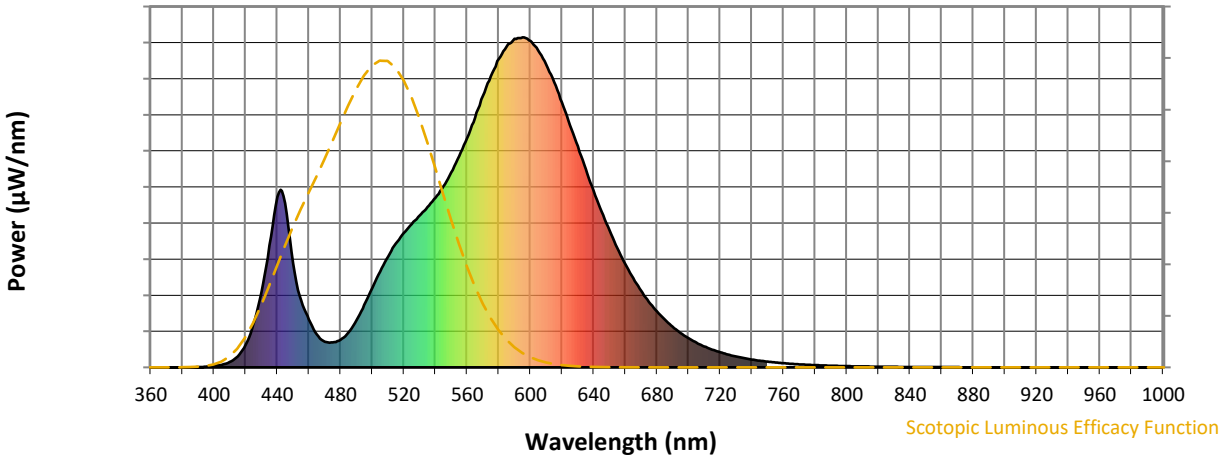


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

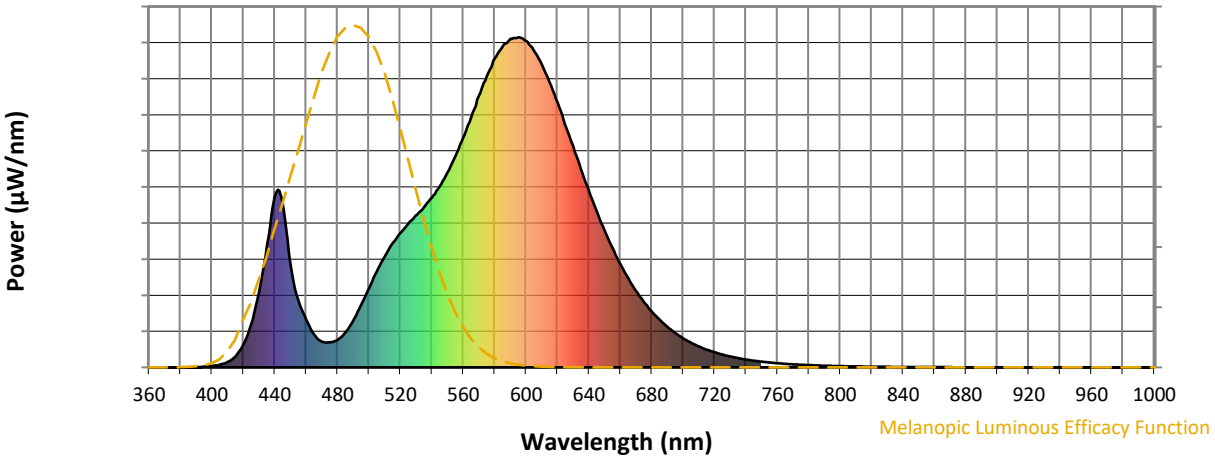


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

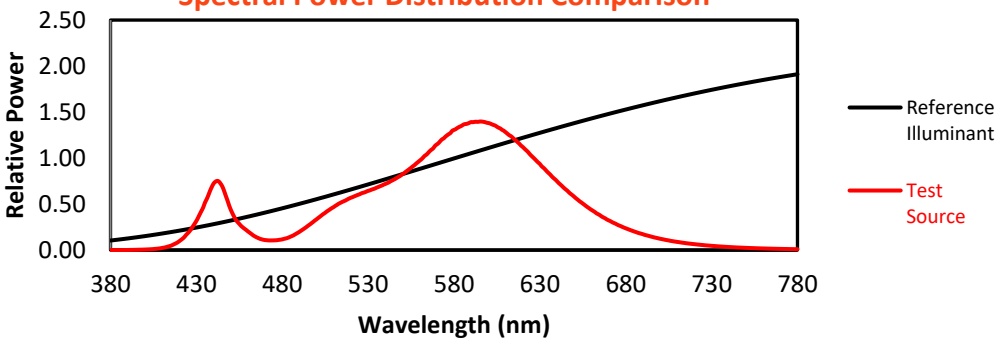
REPORT NUMBER: SP1-2407-184-4

TM-30-18

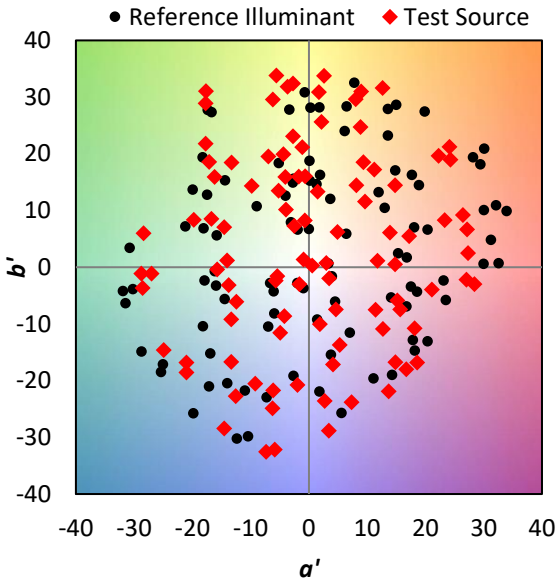
Summary

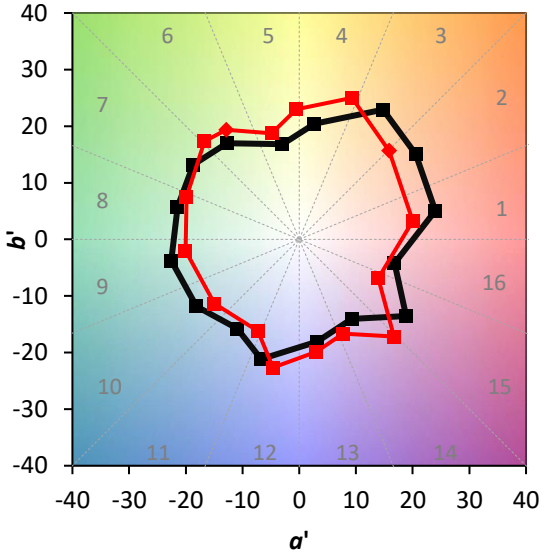
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

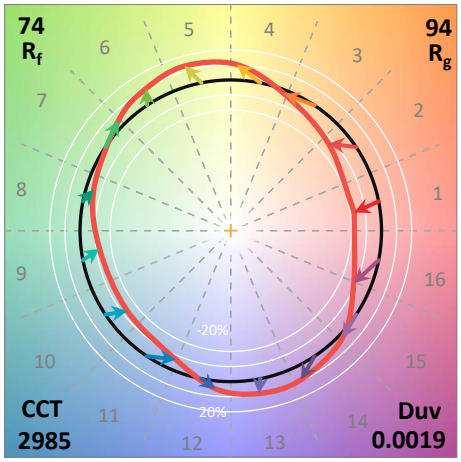
Spectral Power Distribution Comparison

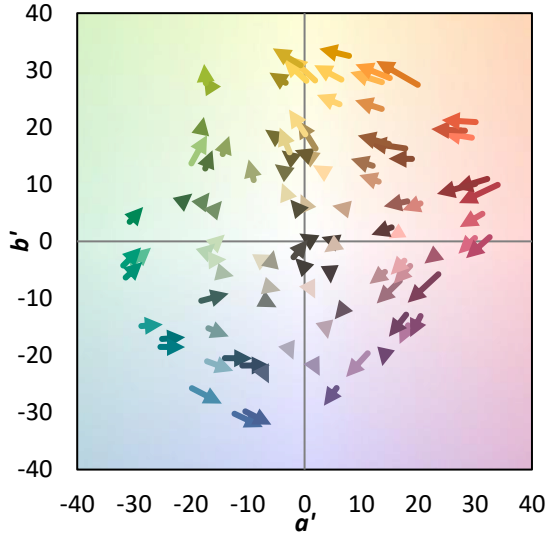


Color Vector Graphics







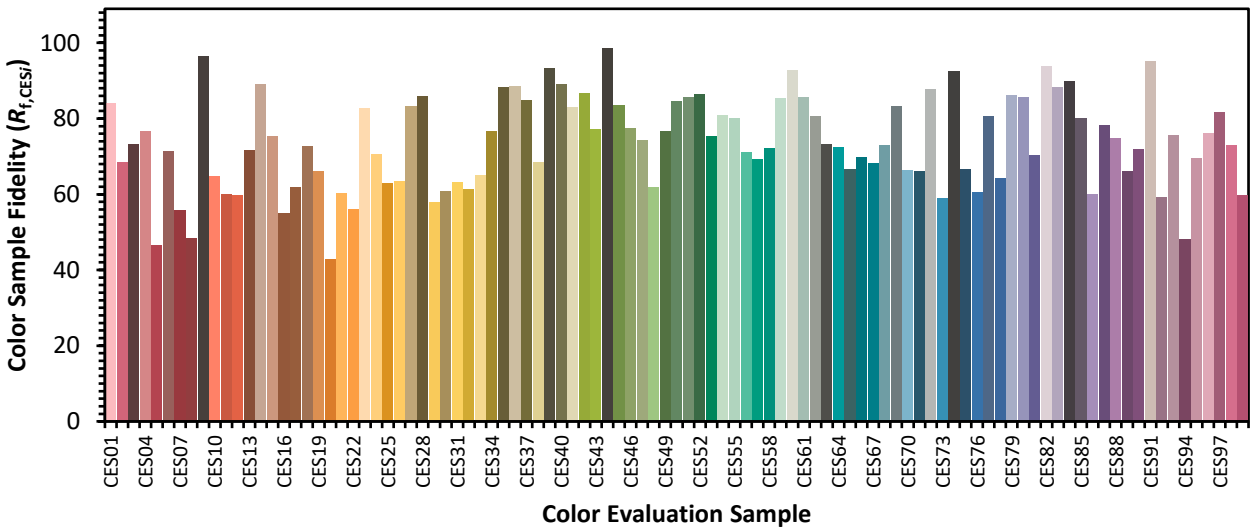


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

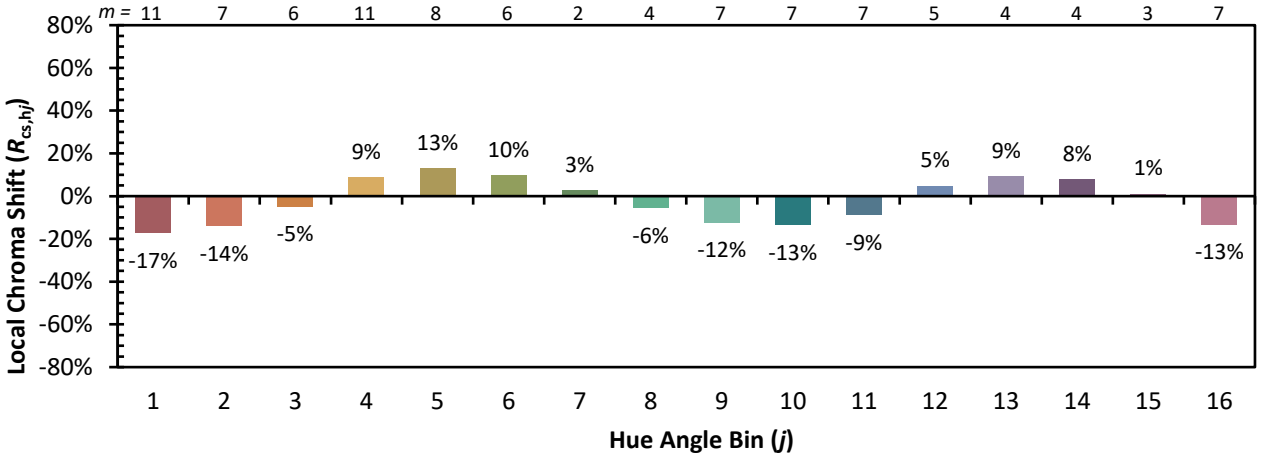
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

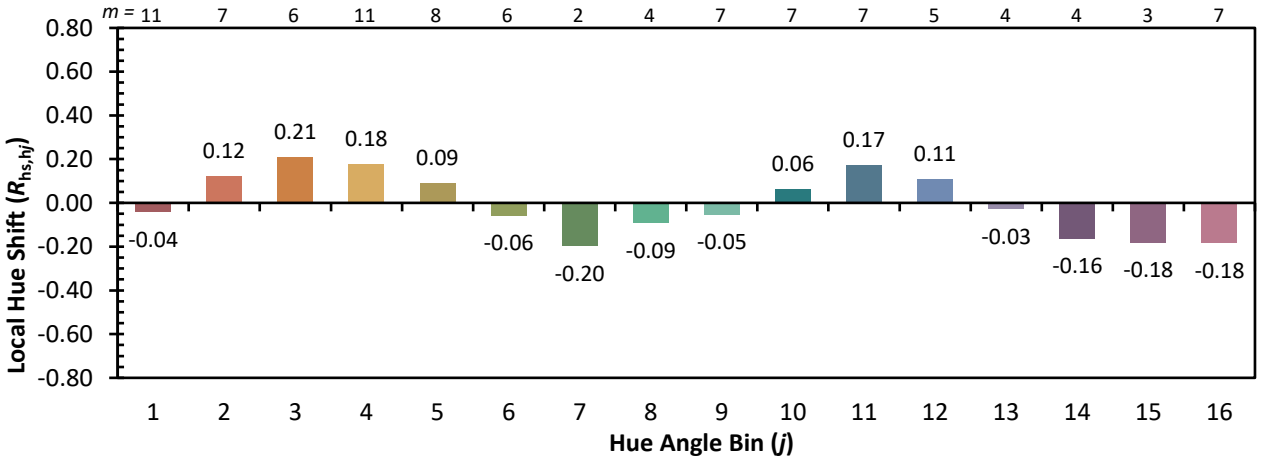


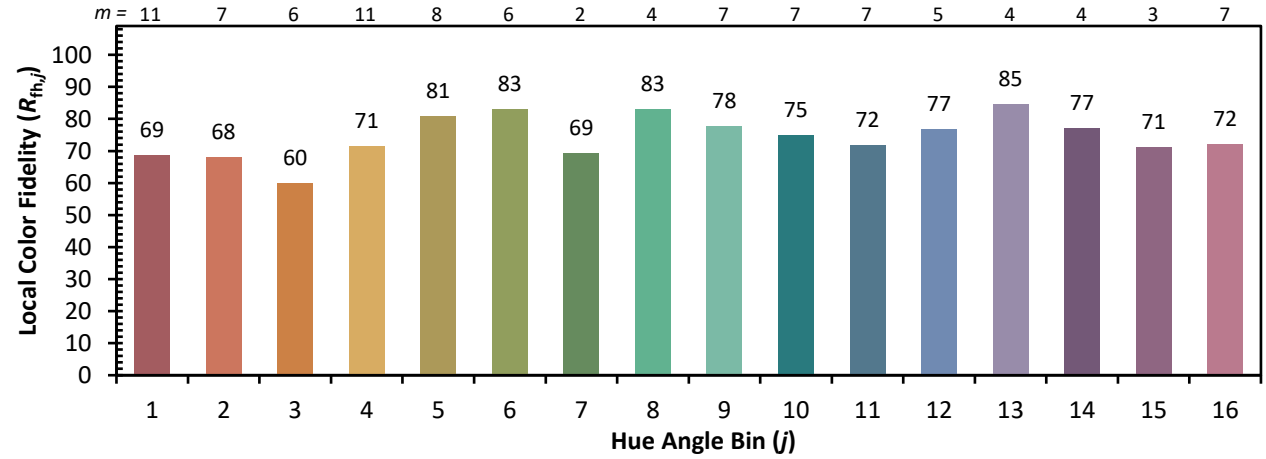
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



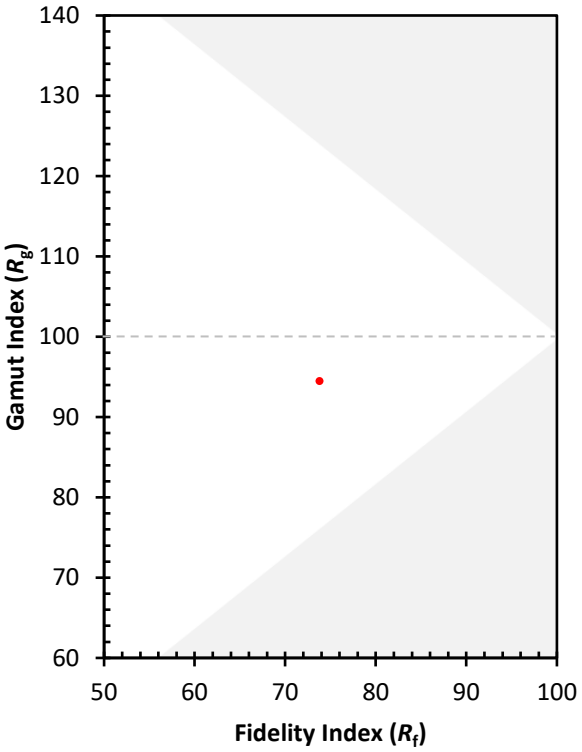


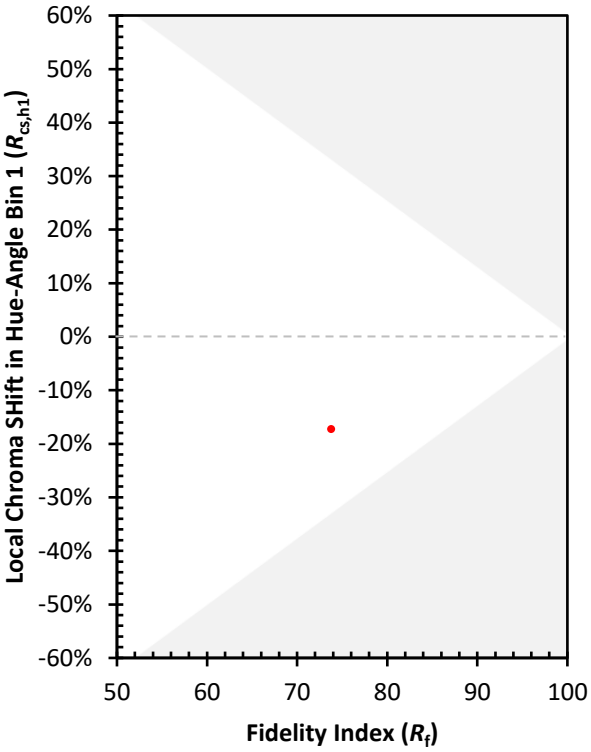


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)