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: P1363829

Luminaire Tested: **GSS-SB6C-730-U-SL3-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:	P1363829
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-730-U-SL3-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 3000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30920.6 lumens
Efficiency:	N/A
Efficacy:	103.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G5

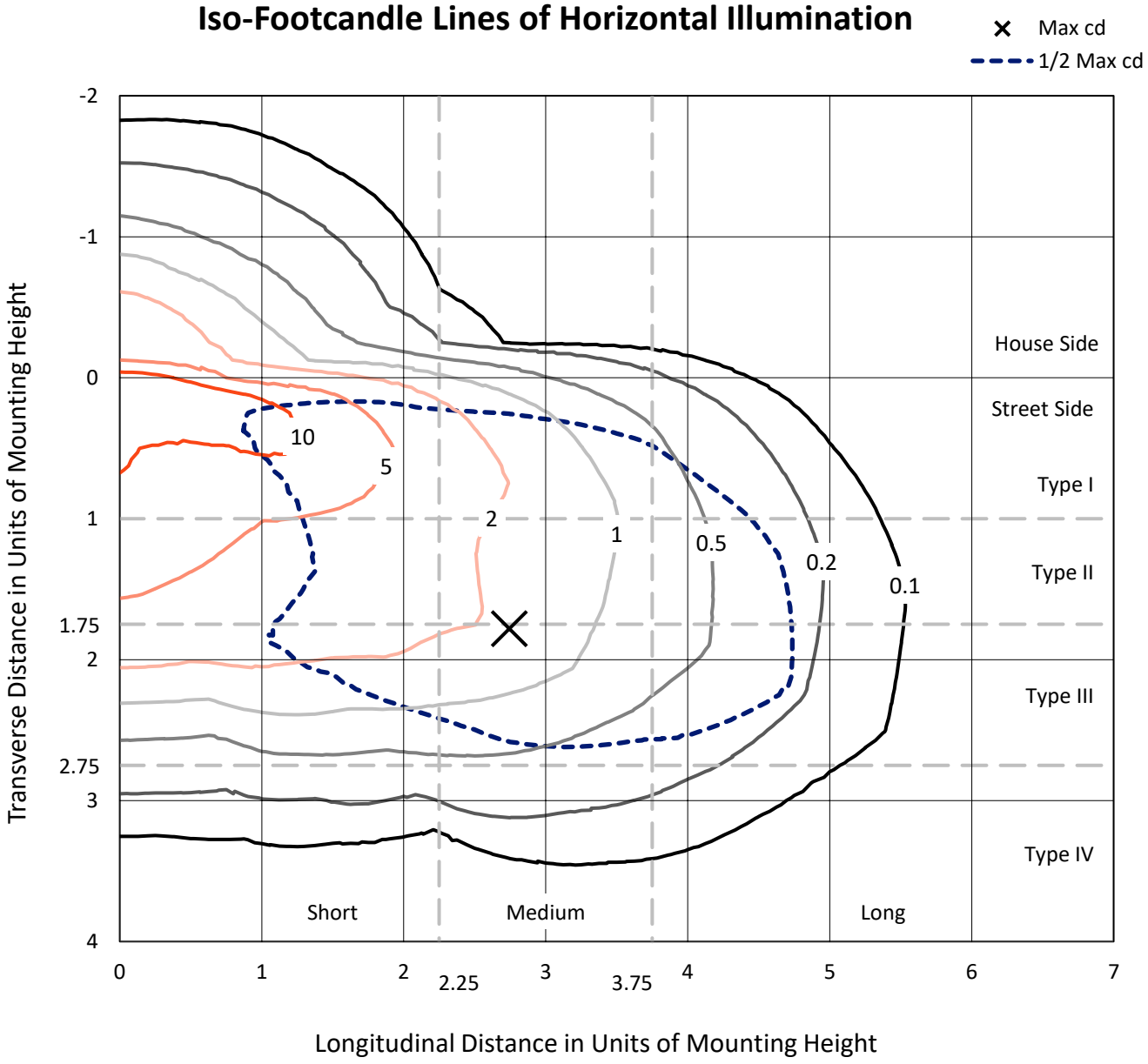
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



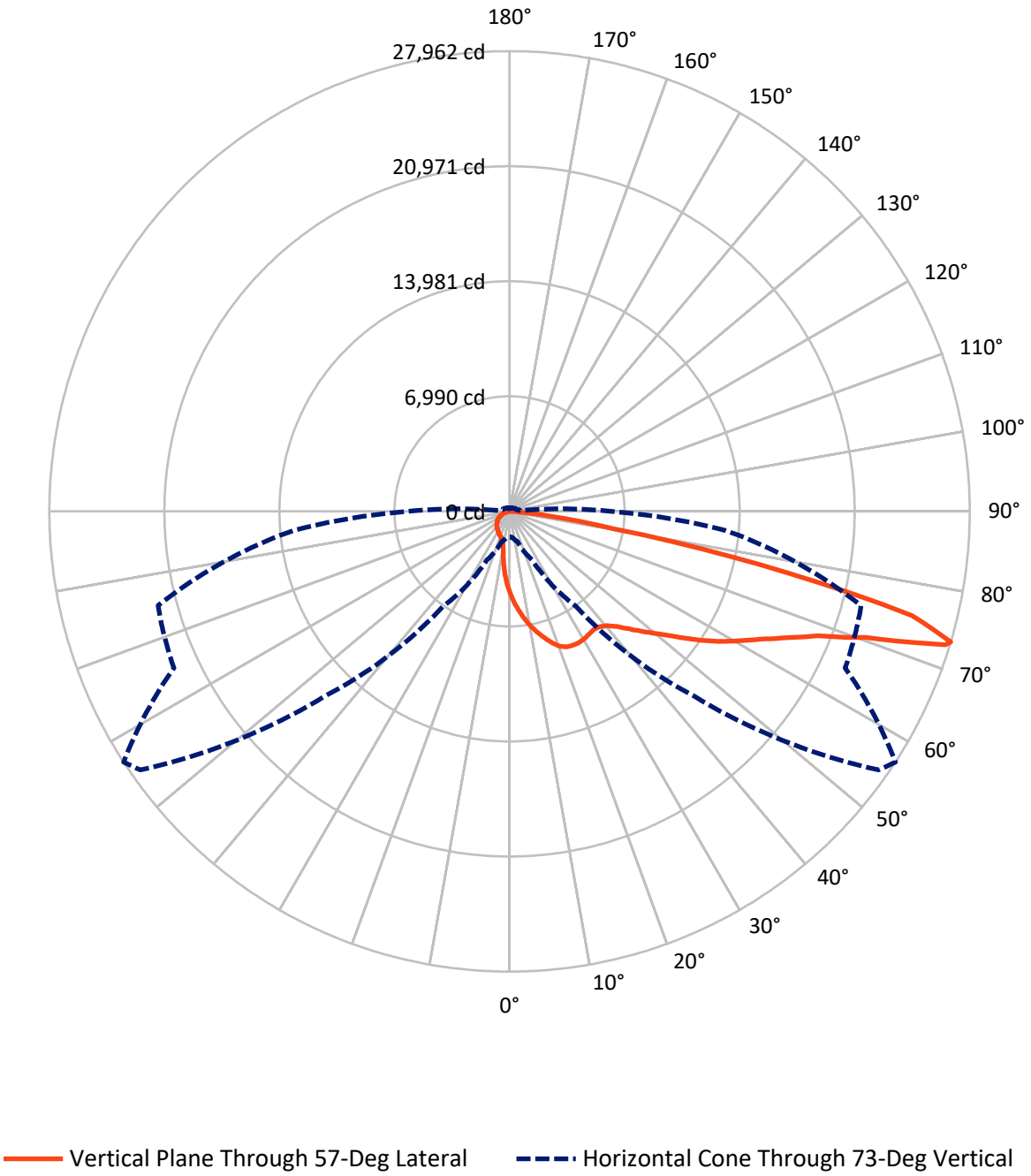
Based on 20 foot mounting height. Maximum calculated value = 18.2 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

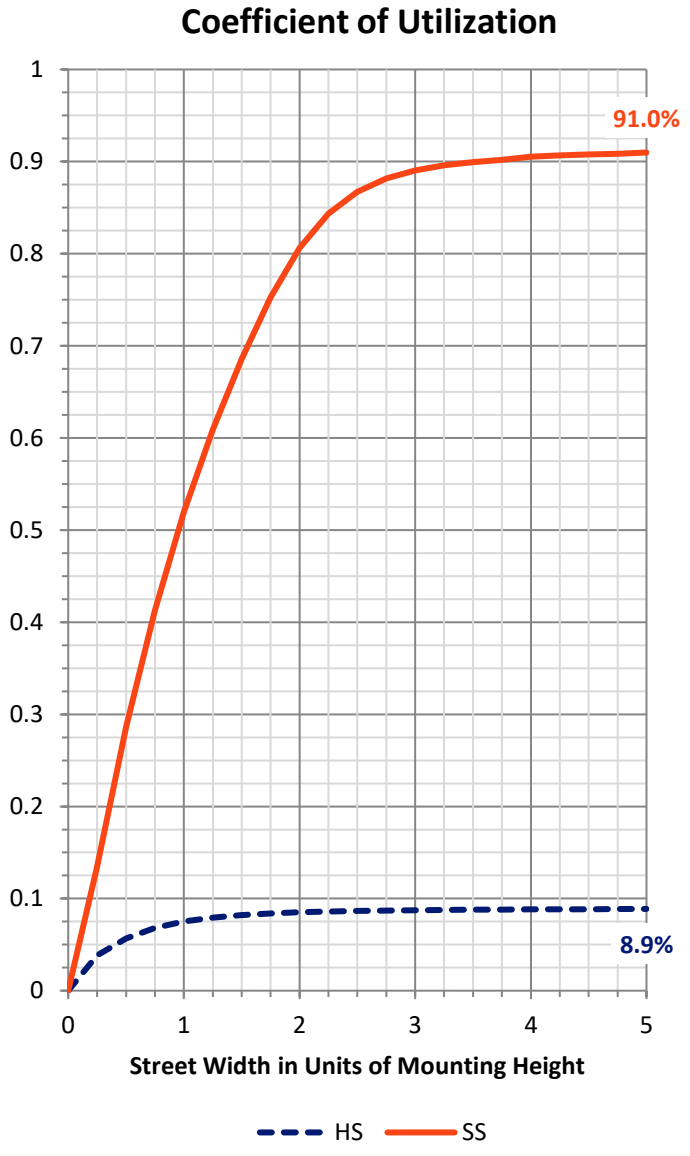
REPORT NUMBER: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2769.6	0.0	2769.6
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	28151.0	0.0	28151.0
	% Fixture	91.0	0.0	91.0
Total	Lumens	30920.6	0.0	30920.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	461.1	1.5
10°-20°	1322.5	4.3
20°-30°	2007.1	6.5
30°-40°	2906.8	9.4
40°-50°	4341.0	14.0
50°-60°	6285.5	20.3
60°-70°	7614.7	24.6
70°-80°	5499.6	17.8
80°-90°	482.2	1.6
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°	30920.6	100.0
0°-180°	30920.6	100.0



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

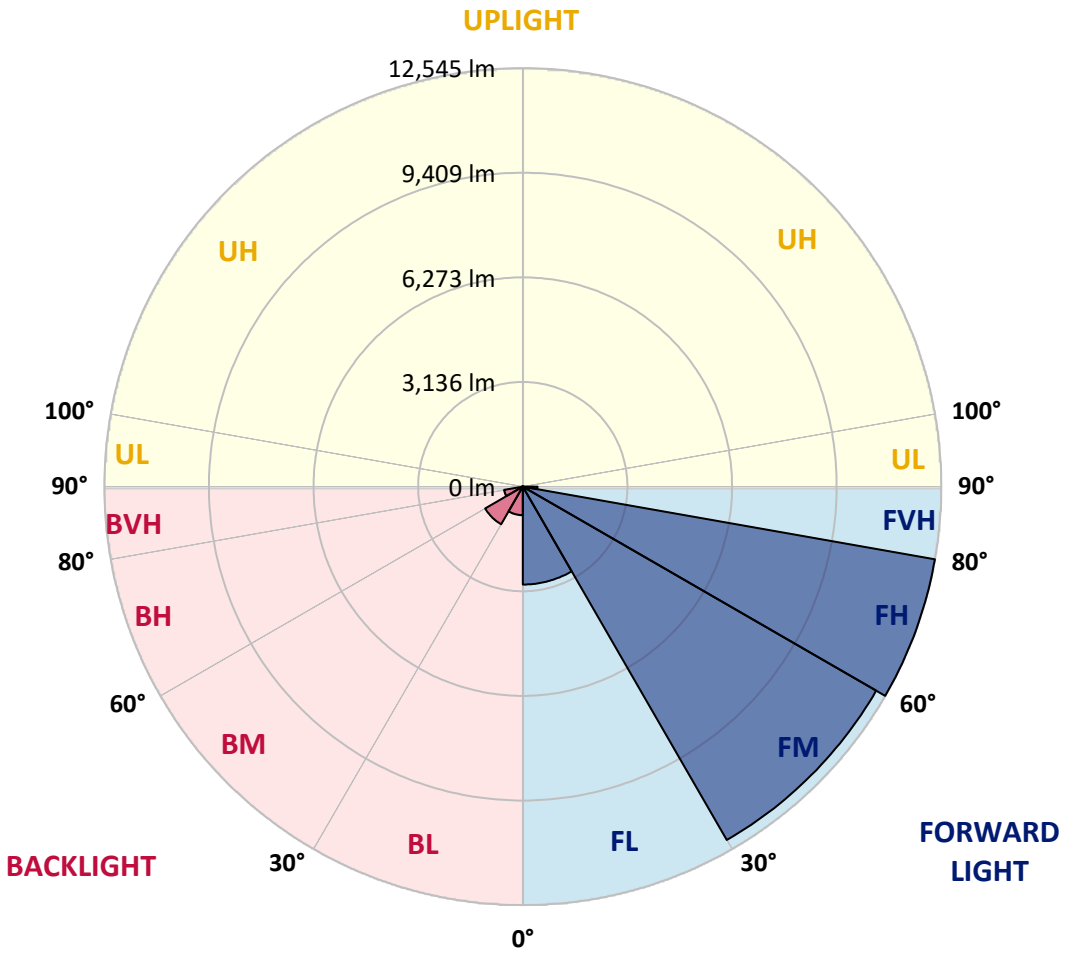
Scaled Data Report

REPORT NUMBER: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2934.6	9.5			
FM	(30°-60°)	12230.7	39.6			
FH	(60°-80°)	12545.3	40.6			G5
FVH	(80°-90°)	440.4	1.4			G3/500
BL	(0°-30°)	856.2	2.8	B2/1000		
BM	(30°-60°)	1302.7	4.2	B2/2500		
BH	(60°-80°)	569.0	1.8	B2/1000		G2/1000
BVH	(80°-90°)	41.8	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G5
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1
2.5°	5981.0	6001.1	5930.7	5890.4	5809.8	5678.9	5548.0	5548.0	5397.0	5256.0	5074.8
5°	6867.1	6806.7	6776.5	6675.8	6524.7	6363.6	6132.0	6071.6	5830.0	5527.9	5165.4
7.5°	7541.7	7471.2	7441.0	7350.4	7179.2	6967.8	6655.6	6605.3	6252.9	5809.8	5286.2
10°	7954.5	7904.2	7904.2	7833.7	7702.8	7481.3	7169.2	7098.7	6675.8	6071.6	5366.8
12.5°	7773.3	7753.2	7874.0	8035.1	8095.5	7964.6	7632.3	7541.7	7058.4	6363.6	5467.5
15°	6947.6	6927.5	7149.0	7571.9	8085.4	8307.0	8055.2	7974.7	7471.2	6665.7	5568.2
17.5°	6152.2	6122.0	6333.4	6756.3	7521.6	8347.2	8498.3	8397.6	7884.1	6967.8	5678.9
20°	5699.1	5668.9	5809.8	6152.2	6846.9	8025.0	8729.9	8750.0	8337.2	7300.0	5789.7
22.5°	5538.0	5527.9	5598.4	5830.0	6323.4	7471.2	8820.5	8941.3	8830.5	7682.7	5950.8
25°	5608.5	5568.2	5588.3	5678.9	6031.4	7028.2	8770.1	9001.7	9243.4	8145.8	6162.2
27.5°	5789.7	5759.5	5729.3	5729.3	5910.5	6706.0	8639.2	9021.9	9666.3	8649.3	6343.5
30°	6091.8	6051.5	5960.9	5850.1	5910.5	6504.6	8488.2	8971.5	10028.8	9193.0	6595.2
32.5°	6776.5	6746.3	6484.5	6132.0	6051.5	6454.2	8317.0	8880.9	10421.4	9837.4	6887.2
35°	7451.1	7420.9	7239.6	6736.2	6293.1	6494.5	8206.3	8820.5	10904.8	10622.8	7229.6
37.5°	7753.2	7702.8	7561.8	7290.0	6857.0	6726.1	8236.5	8891.0	11599.5	11488.8	7652.5
40°	8135.8	8055.2	7843.8	7592.1	7400.7	7259.8	8478.1	9132.6	12374.8	12485.6	8115.6
42.5°	8699.6	8609.0	8296.9	7944.5	7722.9	8004.9	8941.3	9565.6	13331.4	13593.2	8679.5
45°	9475.0	9354.1	8951.4	8488.2	8216.3	8377.4	9565.6	10179.8	14398.7	14851.8	9334.0
47.5°	10179.8	10149.6	9696.5	9162.8	8840.6	8629.2	10240.2	10894.7	15526.4	16261.5	10008.6
50°	10844.3	10733.6	10290.6	9767.0	9495.1	9142.7	10985.3	11690.1	16654.2	17550.3	10733.6
52.5°	11569.3	11448.5	10844.3	10250.3	9978.4	9897.9	11951.9	12636.6	17640.9	18909.6	11468.6
55°	12133.2	11962.0	11297.5	10804.1	10371.1	10643.0	12989.1	13774.4	18517.0	20138.1	12213.7
57.5°	12838.0	12616.5	11670.0	11307.5	10975.2	11398.1	14157.1	14912.2	19433.2	21175.2	12958.8
60°	13452.2	13281.1	12364.8	11911.7	11599.5	12254.0	15294.9	15959.4	20148.1	22061.3	13643.5
62.5°	11579.4	11559.2	11800.9	13160.2	12697.1	13552.9	16513.2	17097.2	20581.1	22655.3	13925.5
65°	8216.3	8276.7	8951.4	13180.4	14831.7	15727.8	18114.2	18496.8	20601.2	21980.7	13371.7
67.5°	5225.8	5165.4	6001.1	11035.7	14912.2	20017.2	20550.9	20168.3	19674.9	21255.7	13442.2
70°	3131.5	3151.6	3433.5	8004.9	12294.3	20993.9	23954.2	22967.5	20228.7	21789.4	13502.6
72.5°	1701.7	1741.9	2144.7	3926.9	8145.8	16704.5	27558.9	27699.9	22121.7	22041.1	13271.0
73°	1550.6	1560.7	1923.2	3282.5	7048.3	15878.9	27387.8	27961.7	22504.3	22111.6	13119.9
75°	1027.0	1027.0	1309.0	1862.8	3091.2	12344.6	22735.9	25273.3	23803.2	21386.6	11941.9
77.5°	634.3	674.6	906.2	1288.8	1127.7	6212.6	13371.7	15466.0	21225.5	16090.3	7501.4
80°	231.6	251.7	563.9	845.8	654.5	2356.2	5608.5	6434.1	9837.4	8166.0	2708.6
82.5°	120.8	130.9	352.4	433.0	352.4	614.2	2507.2	2678.4	3967.2	2124.6	503.5
85°	60.4	70.5	151.0	181.2	141.0	201.4	624.3	584.0	896.1	281.9	141.0
87.5°	0.0	0.0	10.1	20.1	30.2	40.3	60.4	60.4	70.5	80.6	80.6
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: P1363829
CATALOG NUMBER: GSS-SB6C-730-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1	4974.1
2.5°	4964.0	4883.5	4692.2	4500.9	4359.9	4208.9	4067.9	3947.1	3876.6	3846.4	3876.6
5°	4974.1	4802.9	4410.2	4017.5	3634.9	3322.8	3030.8	2819.3	2668.3	2617.9	2597.8
7.5°	4974.1	4692.2	4078.0	3433.5	2869.7	2456.8	2164.8	2033.9	1963.5	1953.4	1953.4
10°	4964.0	4561.3	3705.4	2859.6	2215.2	1933.3	1842.6	1822.5	1822.5	1822.5	1832.6
12.5°	4954.0	4440.4	3282.5	2305.8	1862.8	1772.1	1741.9	1741.9	1752.0	1762.1	1772.1
15°	4933.8	4259.2	2839.5	1923.2	1731.9	1701.7	1681.5	1681.5	1691.6	1711.7	1711.7
17.5°	4913.7	4078.0	2406.5	1752.0	1671.5	1641.3	1631.2	1621.1	1641.3	1661.4	1661.4
20°	4873.4	3846.4	2044.0	1661.4	1611.0	1590.9	1580.8	1570.8	1580.8	1601.0	1611.0
22.5°	4823.1	3554.4	1802.4	1601.0	1560.7	1530.5	1520.4	1510.4	1510.4	1550.6	1550.6
25°	4772.7	3232.2	1661.4	1540.6	1500.3	1470.1	1449.9	1439.9	1449.9	1480.1	1480.1
27.5°	4672.0	2879.7	1570.8	1490.2	1449.9	1409.7	1389.5	1369.4	1379.5	1409.7	1409.7
30°	4521.0	2507.2	1520.4	1439.9	1389.5	1339.2	1309.0	1288.8	1298.9	1329.1	1339.2
32.5°	4299.5	2185.0	1500.3	1399.6	1339.2	1268.7	1228.4	1198.2	1208.3	1248.6	1248.6
35°	4067.9	1953.4	1490.2	1359.3	1278.8	1208.3	1137.8	1097.5	1117.7	1157.9	1168.0
37.5°	3826.2	1822.5	1490.2	1339.2	1238.5	1147.9	1047.2	1006.9	1017.0	1057.2	1067.3
40°	3614.8	1762.1	1500.3	1319.0	1188.1	1077.4	966.6	916.3	936.4	986.8	976.7
42.5°	3534.2	1752.0	1500.3	1268.7	1137.8	1006.9	886.1	835.7	855.9	886.1	896.1
45°	3624.9	1792.3	1480.1	1218.4	1067.3	926.4	825.7	775.3	785.4	805.5	825.7
47.5°	3937.0	1842.6	1449.9	1157.9	1006.9	865.9	765.2	725.0	704.8	735.0	745.1
50°	4370.0	1872.8	1399.6	1097.5	956.6	805.5	714.9	664.6	644.4	654.5	664.6
52.5°	4863.3	1872.8	1349.3	1037.1	906.2	745.1	674.6	624.3	584.0	594.1	594.1
55°	5356.7	1852.7	1218.4	986.8	855.9	704.8	634.3	563.9	533.7	533.7	523.6
57.5°	5870.2	1822.5	1057.2	916.3	795.5	654.5	584.0	523.6	483.3	463.2	463.2
60°	6373.7	1782.2	966.6	845.8	725.0	614.2	533.7	483.3	433.0	402.8	392.7
62.5°	6635.5	1671.5	865.9	755.2	654.5	553.8	483.3	433.0	372.6	332.3	322.2
65°	6494.5	1439.9	745.1	674.6	594.1	493.4	433.0	382.6	312.1	261.8	261.8
67.5°	6645.6	1208.3	634.3	573.9	513.5	422.9	362.5	332.3	271.9	231.6	231.6
70°	6695.9	946.5	533.7	493.4	443.0	352.4	312.1	292.0	241.7	201.4	191.3
72.5°	6323.4	704.8	433.0	412.8	362.5	271.9	261.8	241.7	201.4	161.1	161.1
73°	*6172.3*	*654.5*	*412.8*	*392.7*	*342.3*	*261.8*	*251.7*	*231.6*	*191.3*	*161.1*	*151.0*
75°	5437.3	503.5	342.3	322.2	271.9	221.5	211.4	191.3	161.1	130.9	130.9
77.5°	3604.7	362.5	261.8	241.7	201.4	171.2	161.1	141.0	120.8	100.7	100.7
80°	1329.1	241.7	191.3	171.2	151.0	141.0	120.8	100.7	80.6	80.6	70.5
82.5°	271.9	161.1	141.0	120.8	110.8	100.7	80.6	70.5	60.4	60.4	60.4
85°	110.8	100.7	80.6	80.6	80.6	70.5	60.4	60.4	50.3	50.3	40.3
87.5°	70.5	60.4	60.4	50.3	50.3	40.3	40.3	40.3	40.3	40.3	40.3
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: SP1-2407-184-4

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

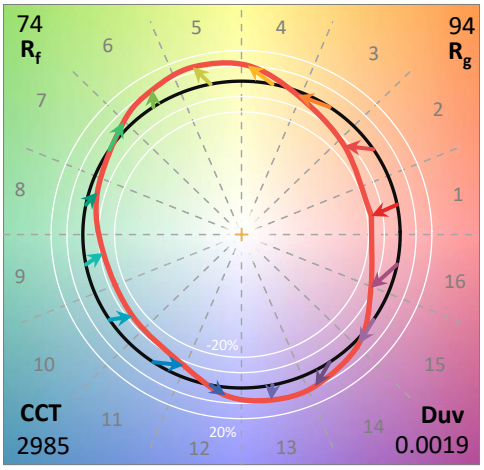
Test Information

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

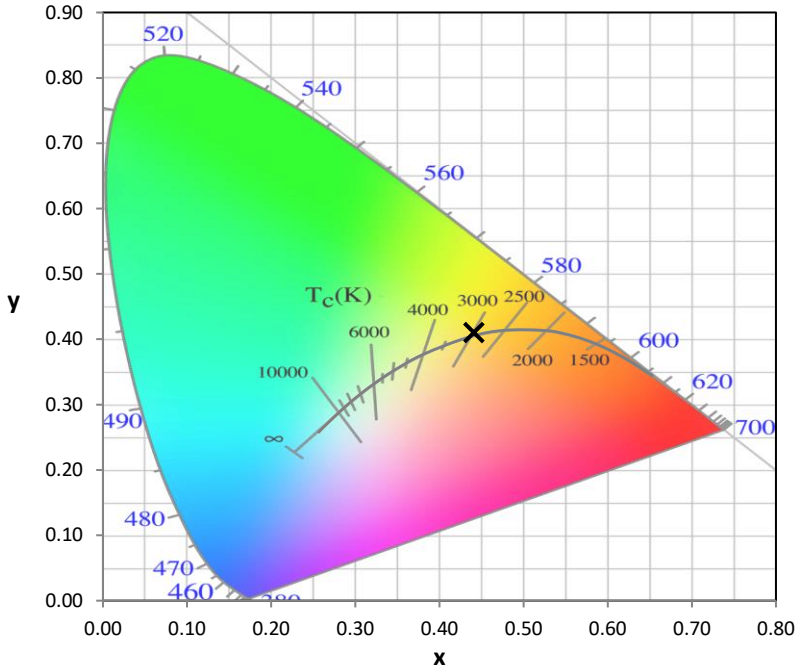
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

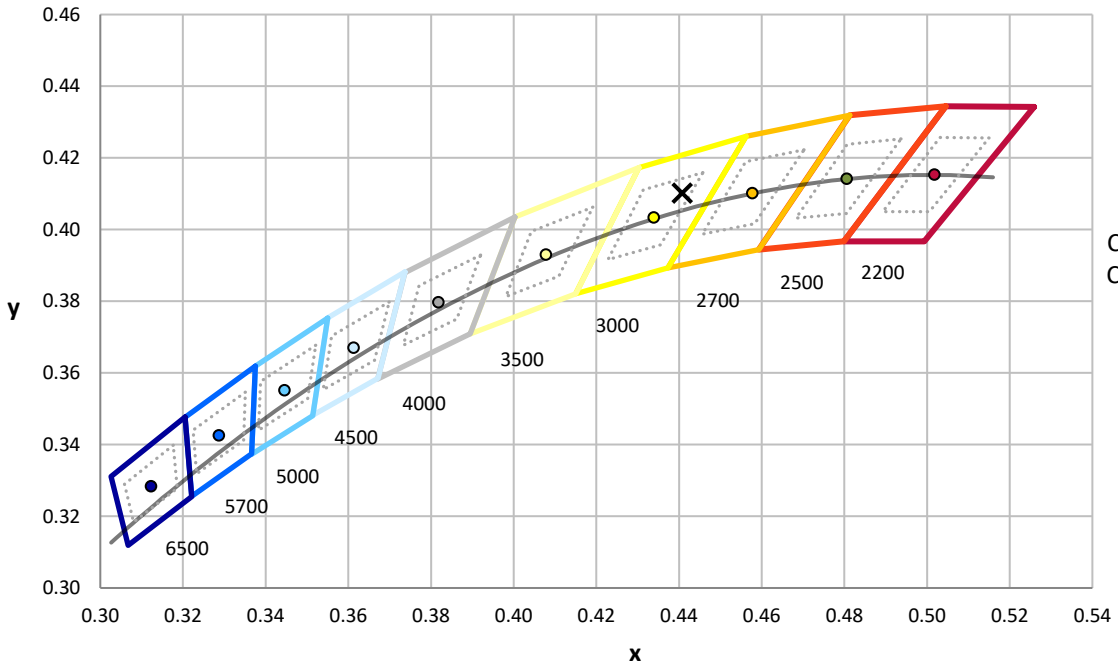
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

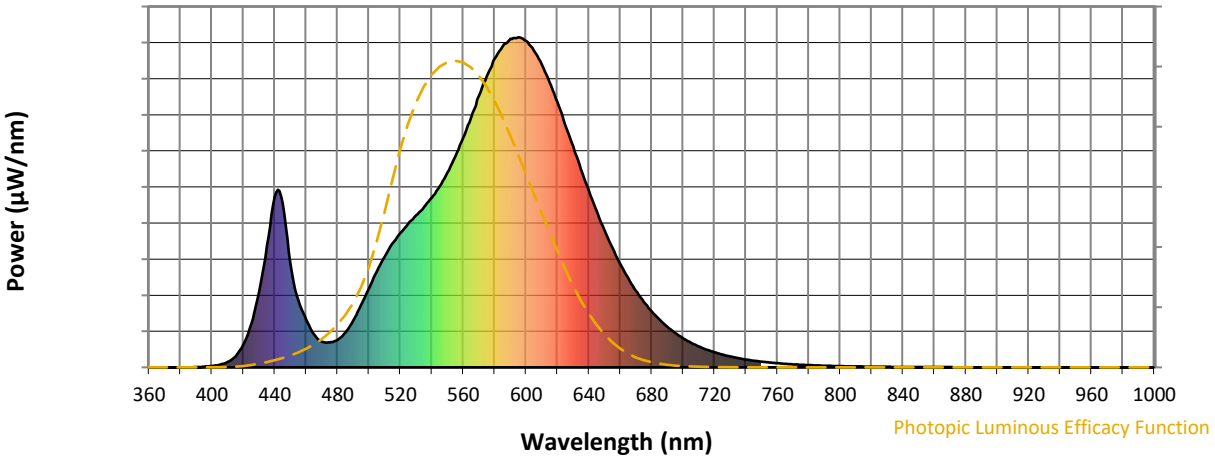


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

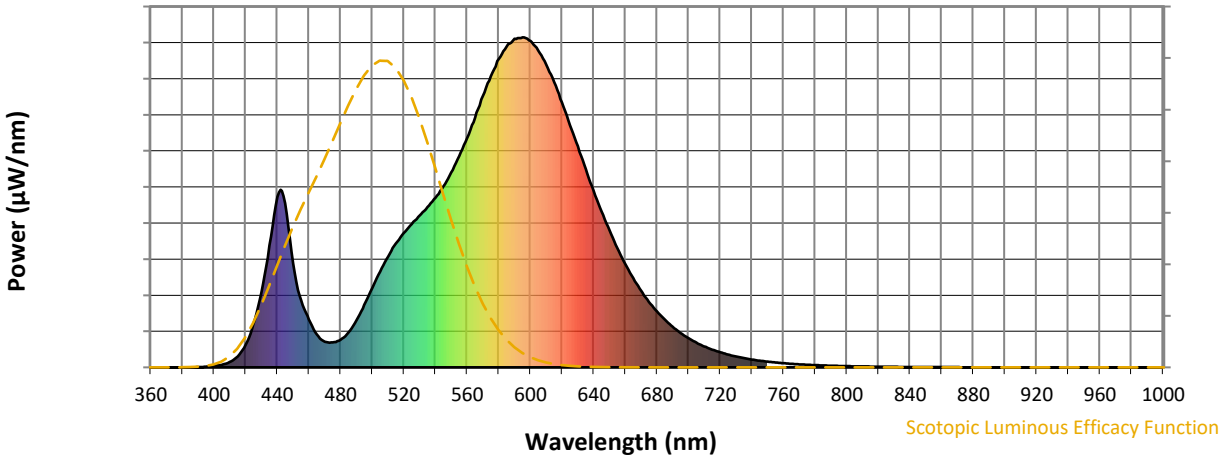


Photopic Lumens: NR

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

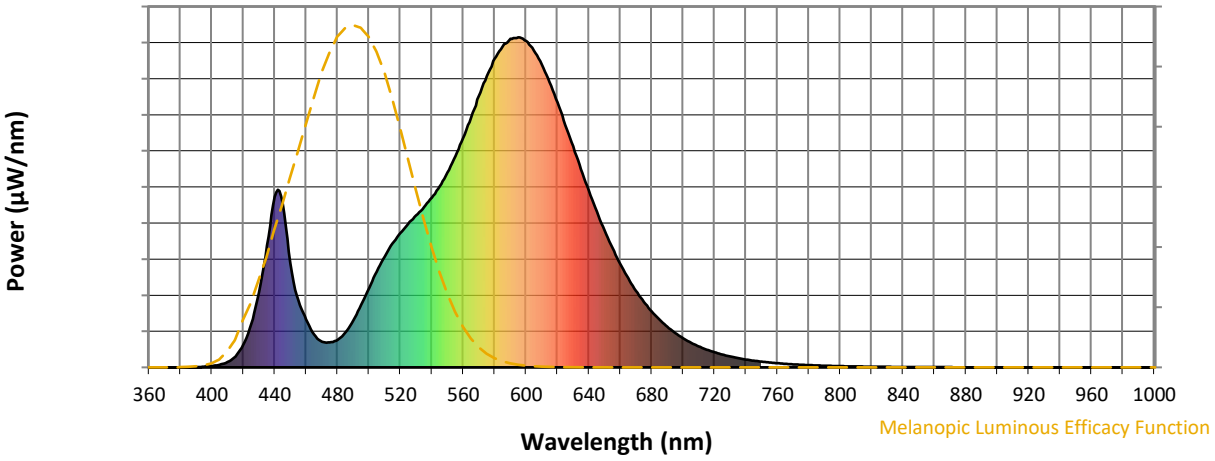


Scotopic Lumens: NR **S/P: 1.19**

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			

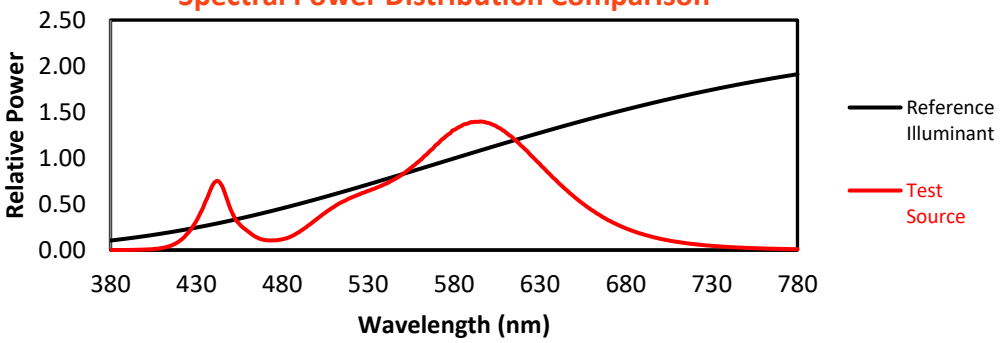
REPORT NUMBER: SP1-2407-184-4

TM-30-18

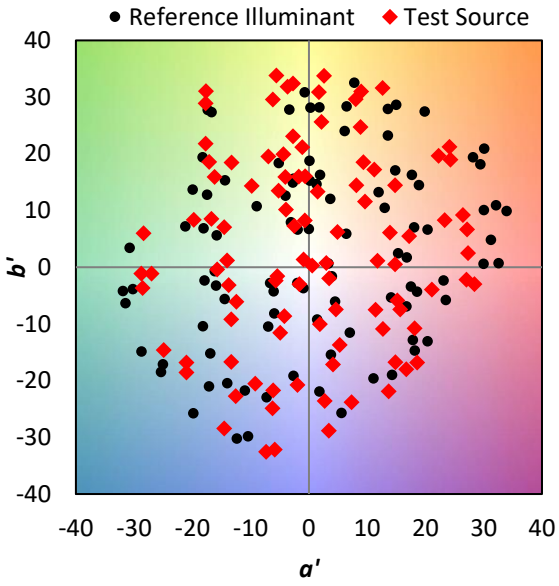
Summary

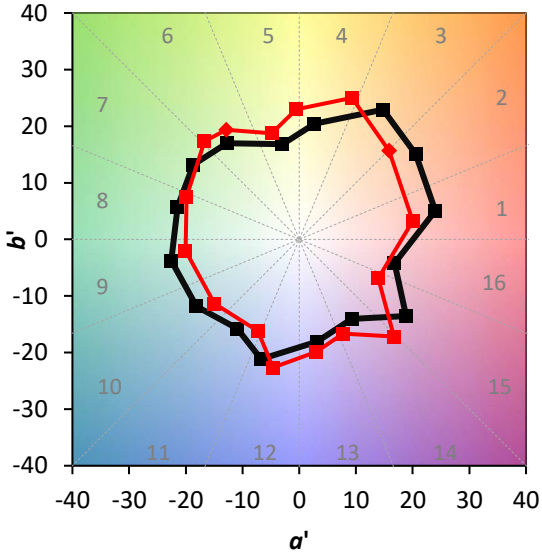
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

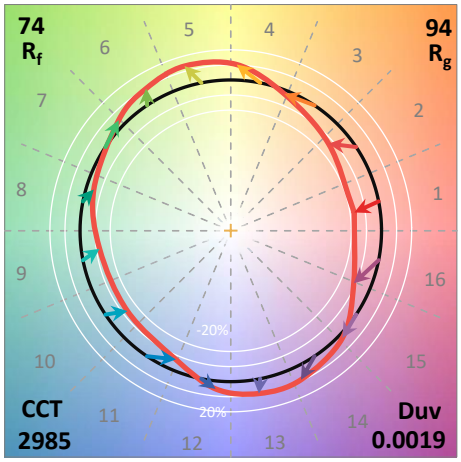
Spectral Power Distribution Comparison

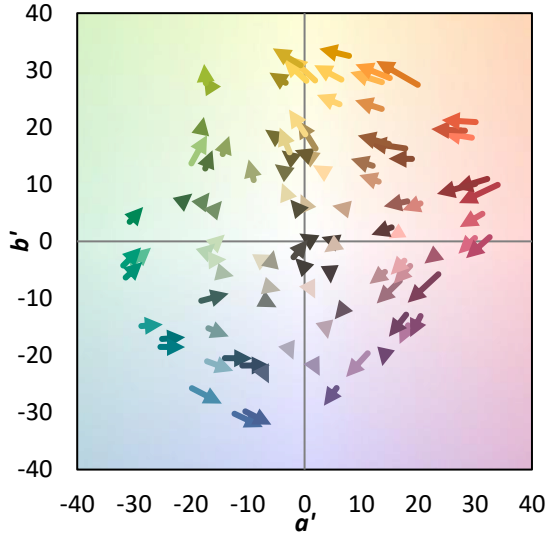


Color Vector Graphics







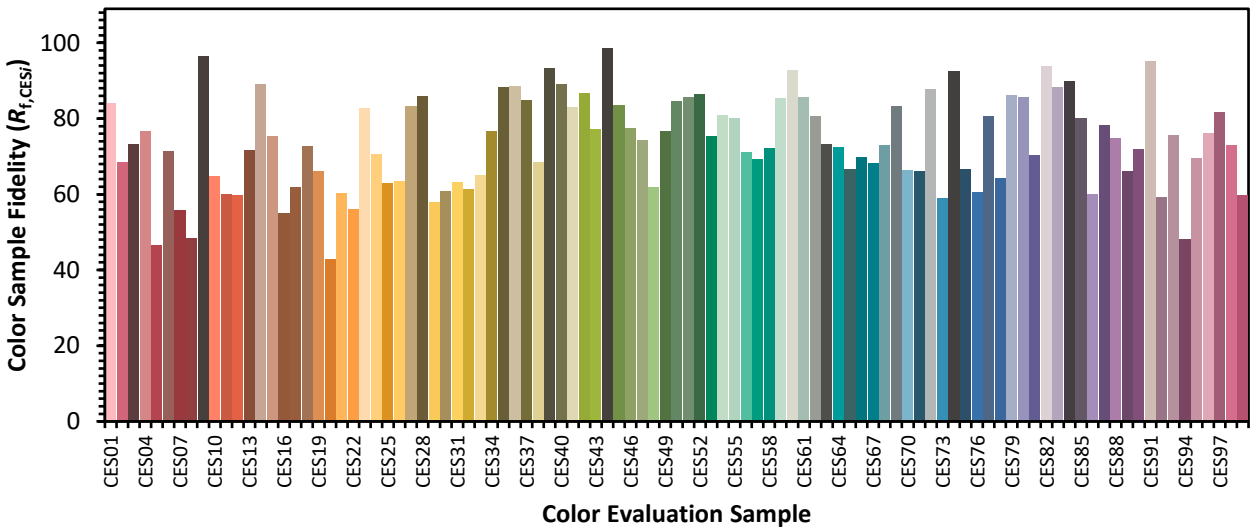


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

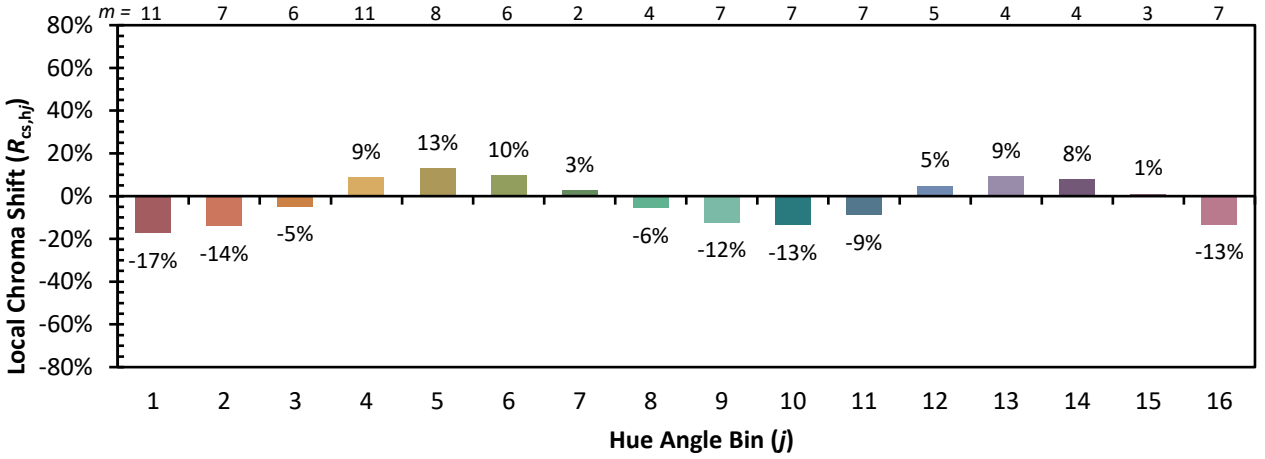
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

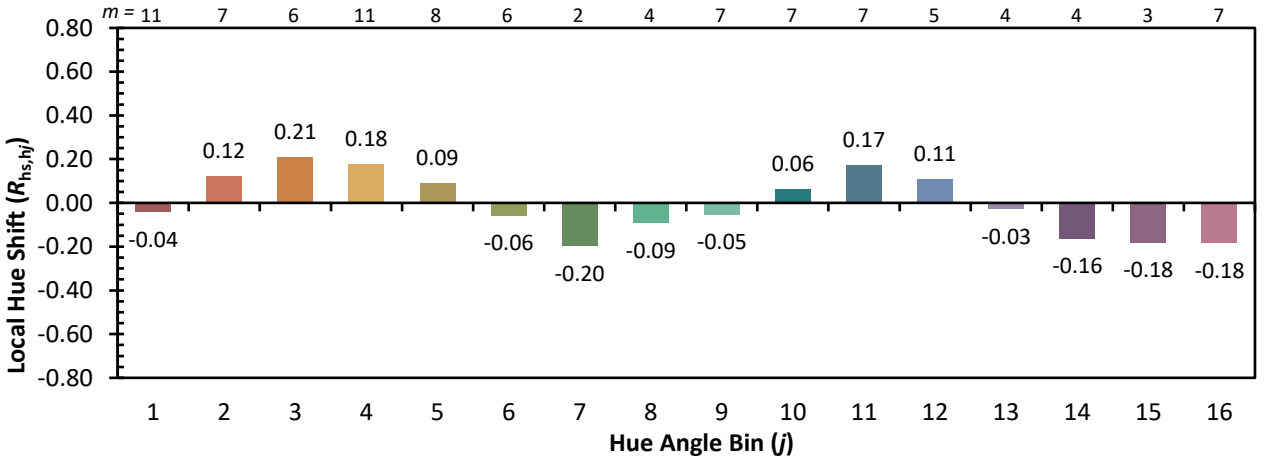


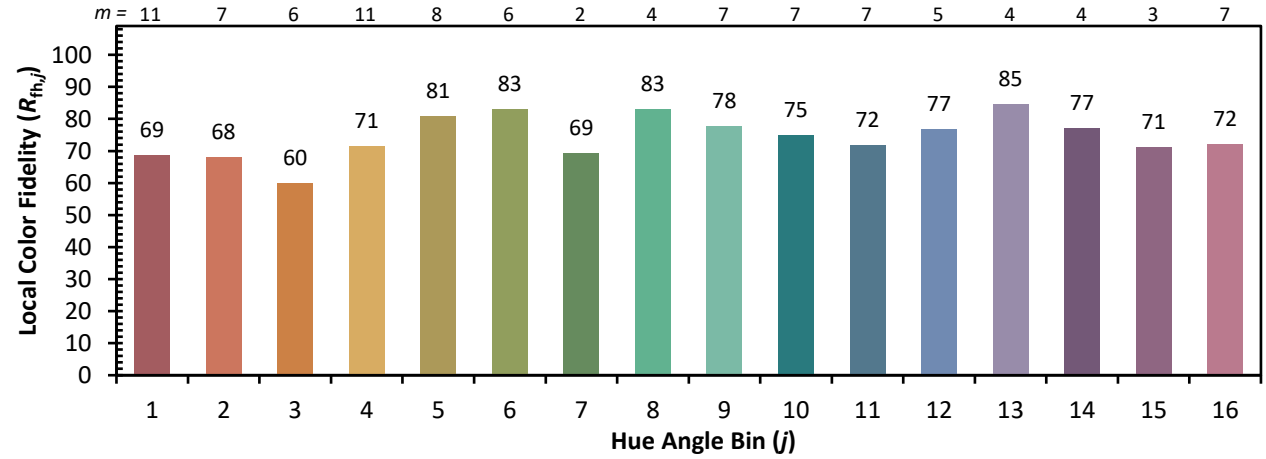
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



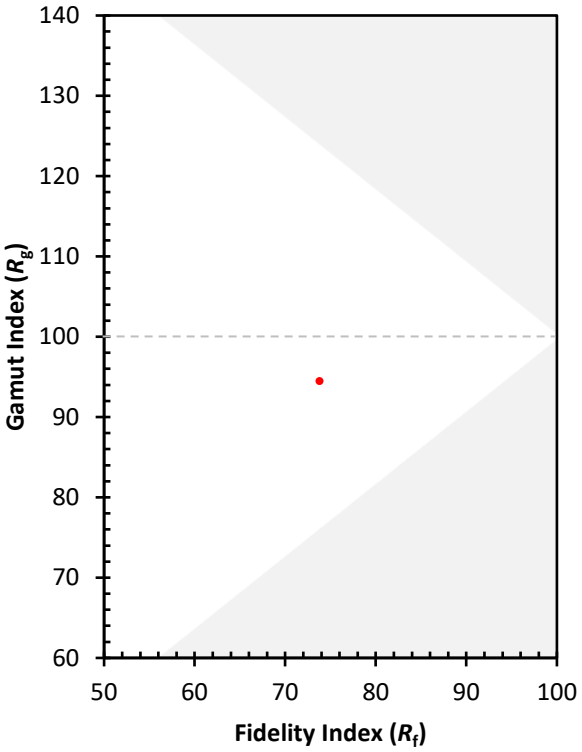


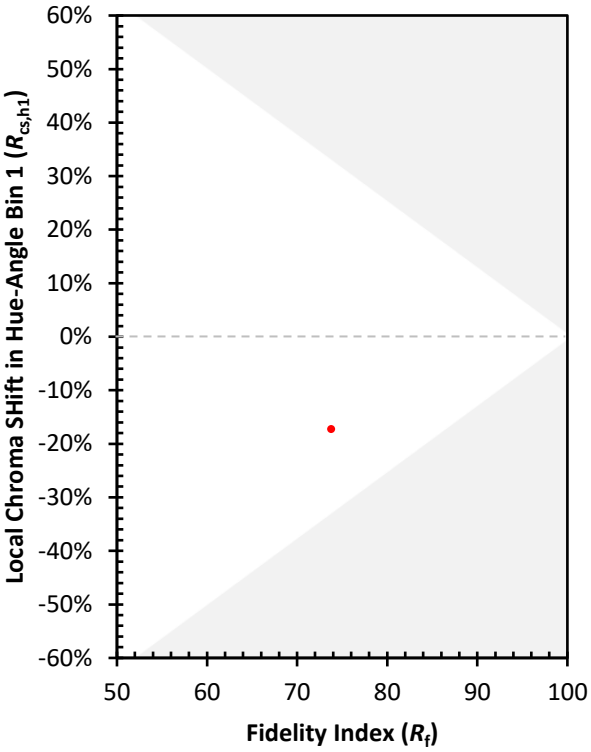


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)