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: P1366888

Luminaire Tested: **GSS-SB3B-730-U-T3R-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:	P1366888
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-730-U-T3R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 3000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12631 lumens
Efficiency:	N/A
Efficacy:	115.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

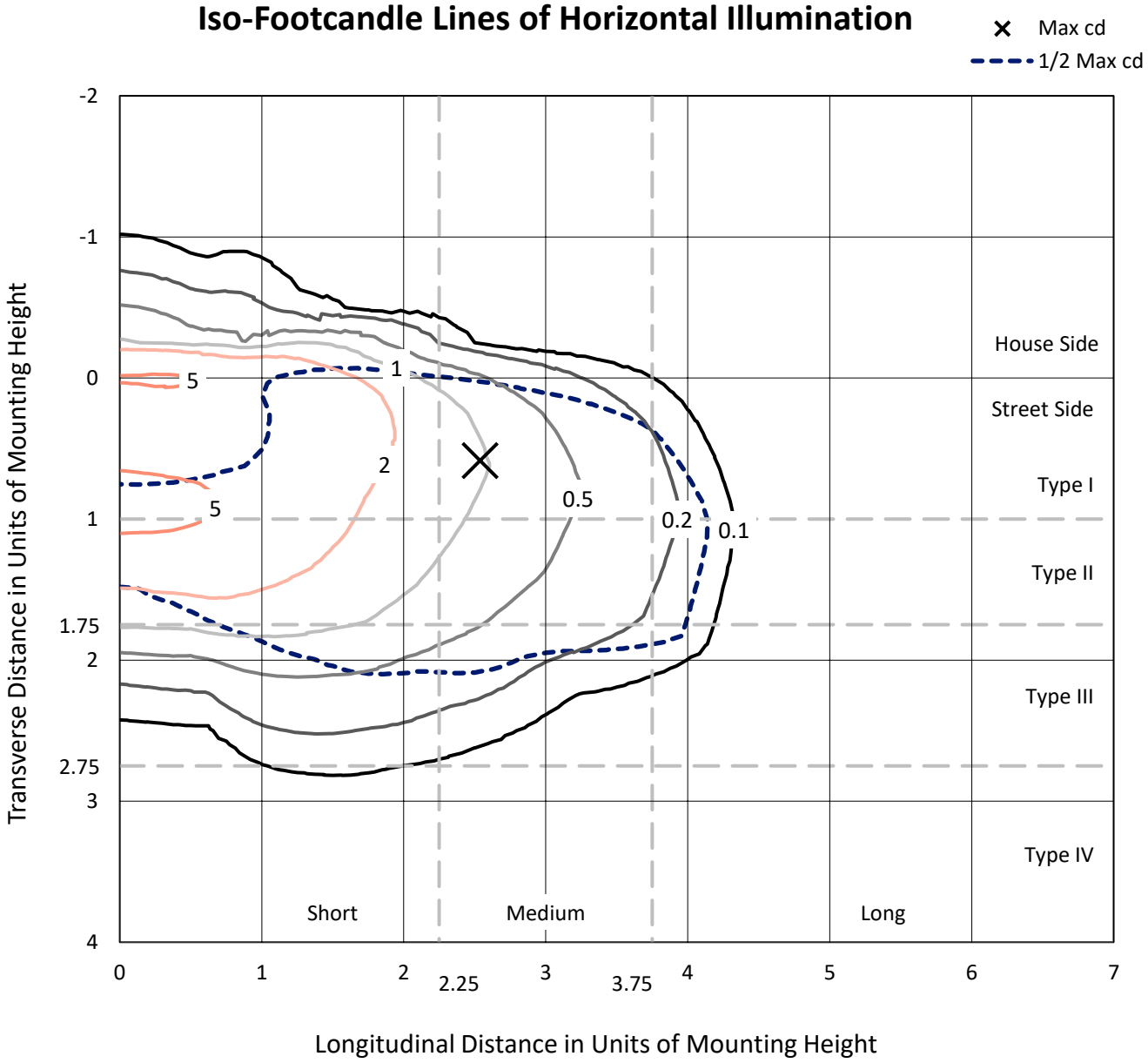
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



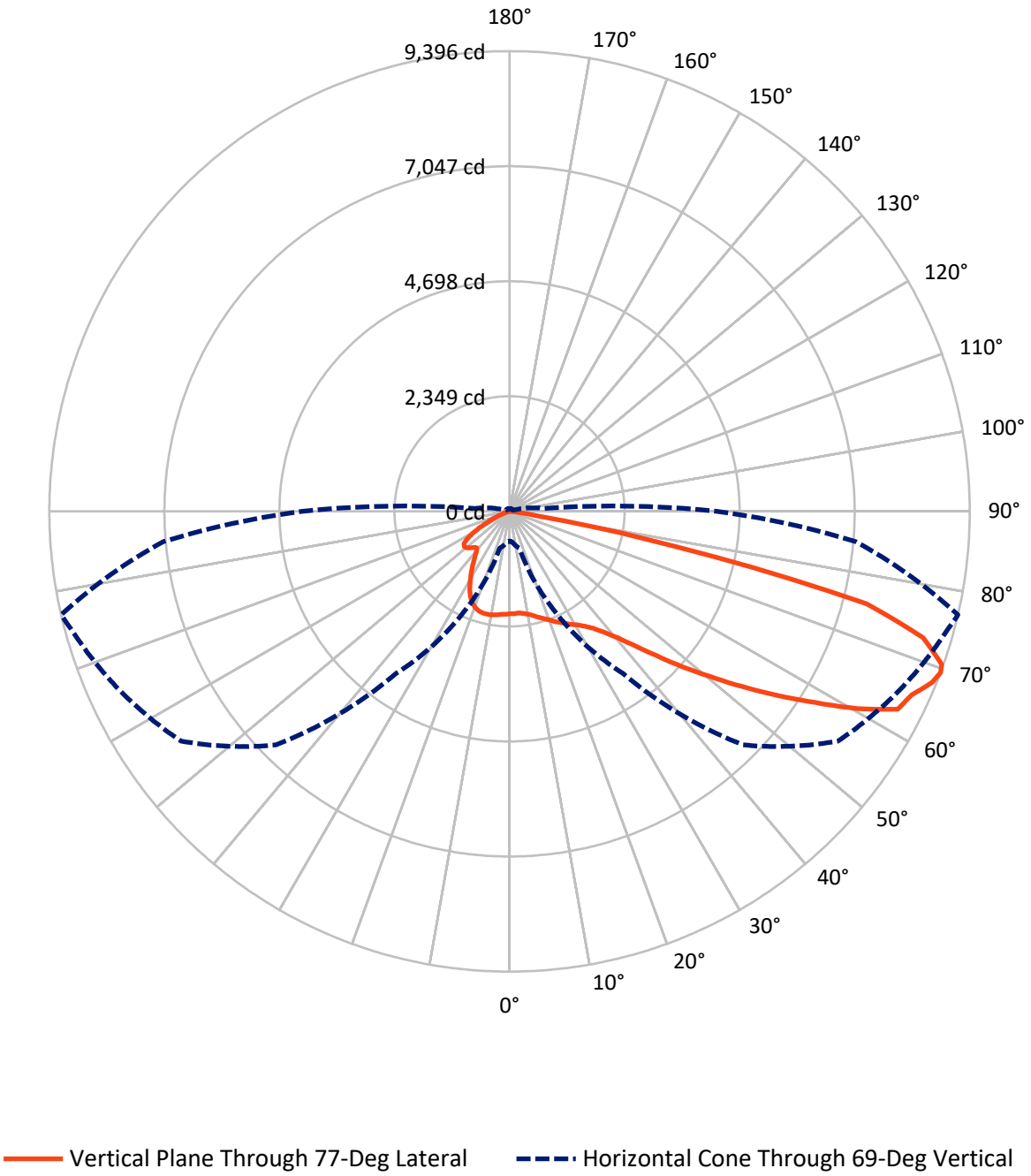
Based on 20 foot mounting height. Maximum calculated value = 6 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

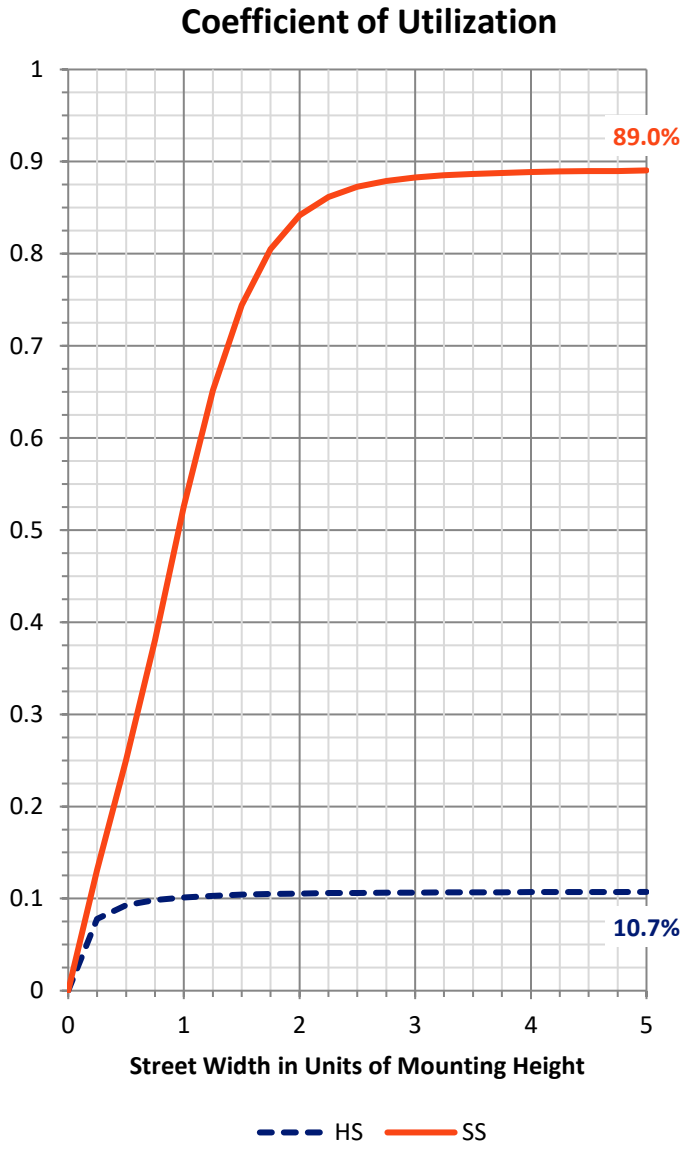
REPORT NUMBER: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1365.3	0.0	1365.3
	% Fixture	10.8	0.0	10.8
Street Side	Lumens	11265.7	0.0	11265.7
	% Fixture	89.2	0.0	89.2
Total	Lumens	12631.0	0.0	12631.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.6	1.4
10°-20°	424.1	3.4
20°-30°	654.4	5.2
30°-40°	1162.4	9.2
40°-50°	2245.4	17.8
50°-60°	3262.4	25.8
60°-70°	3130.8	24.8
70°-80°	1517.2	12.0
80°-90°	55.7	0.4
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°	12631.0	100.0
0°-180°	12631.0	100.0



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

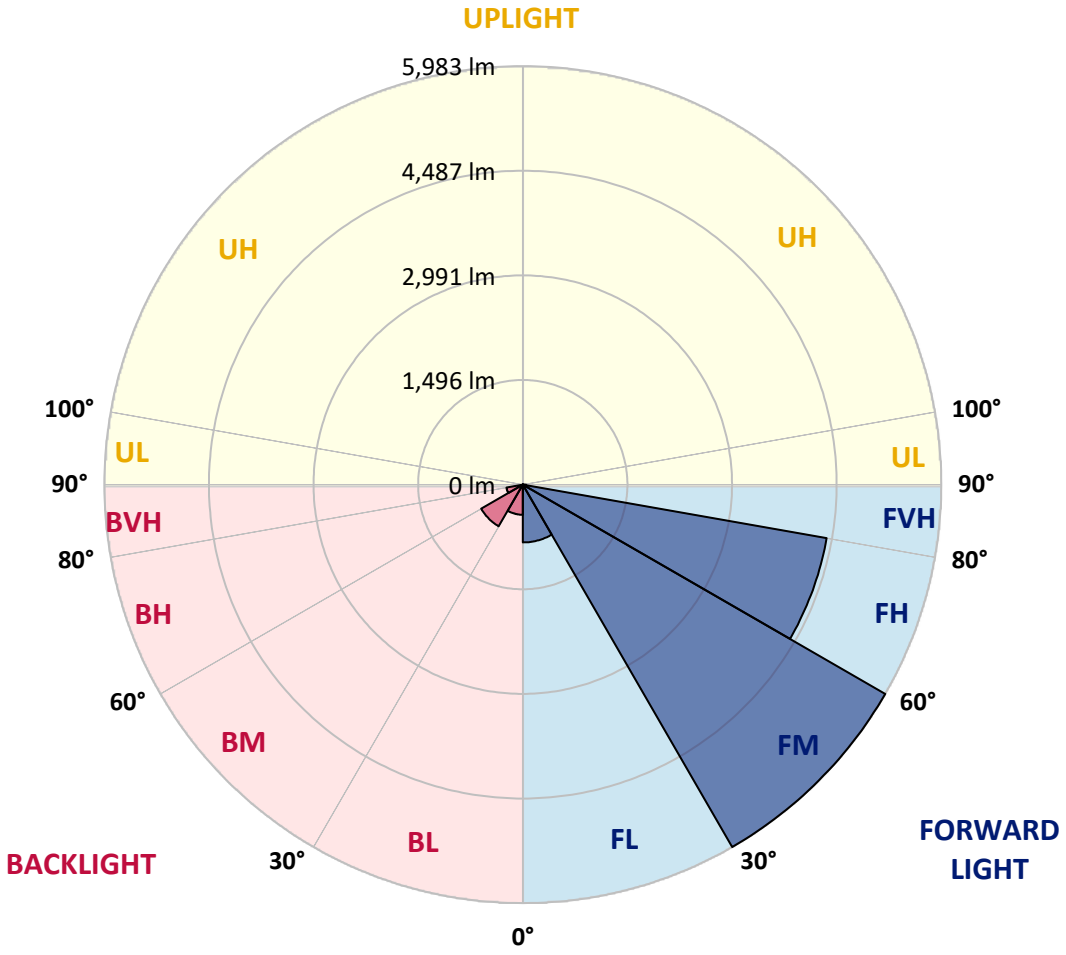
Scaled Data Report

REPORT NUMBER: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	826.3	6.5			
FM	(30°-60°)	5982.6	47.4			
FH	(60°-80°)	4409.9	34.9			G2/5000
FVH	(80°-90°)	46.9	0.4			G1/100
BL	(0°-30°)	430.8	3.4	B1/500		
BM	(30°-60°)	687.7	5.4	B1/1000		
BH	(60°-80°)	238.0	1.9	B1/500		G1/500
BVH	(80°-90°)	8.8	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	*2090.9*	2090.9
2.5°	2010.4	2017.7	2006.7	2014.0	2025.0	2032.3	2050.6	2058.0	2083.6	*2090.9*	2098.2
5°	1911.5	1918.8	1918.8	1933.5	1951.8	1973.7	2003.0	2032.3	2079.9	*2083.6*	2116.6
7.5°	1794.3	1790.6	1801.6	1830.9	1867.5	1922.5	1973.7	2025.0	2094.6	*2105.6*	2164.2
10°	1644.2	1644.2	1666.1	1706.4	1765.0	1856.6	1944.4	2021.3	2112.9	*2138.5*	2215.4
12.5°	1560.0	1563.6	1574.6	1607.6	1691.8	1798.0	1915.2	2039.7	2160.5	*2186.1*	2292.3
15°	1527.0	1530.7	1545.3	1578.3	1644.2	1768.7	1907.8	2061.6	2211.8	*2244.7*	2372.9
17.5°	1530.7	1527.0	1538.0	1563.6	1629.5	1750.4	1915.2	2098.2	2266.7	*2307.0*	2457.1
20°	1552.6	1552.6	1552.6	1570.9	1633.2	1750.4	1937.1	2149.5	2336.3	*2372.9*	2559.6
22.5°	1592.9	1585.6	1589.2	1596.6	1655.2	1772.3	1970.1	2204.4	2405.8	*2449.8*	2654.8
25°	1622.2	1618.5	1618.5	1633.2	1688.1	1794.3	2003.0	2288.7	2482.7	*2523.0*	2753.7
27.5°	1805.3	1787.0	1728.4	1680.8	1724.7	1841.9	2050.6	2361.9	2563.3	*2607.2*	2845.3
30°	2380.2	2350.9	2171.5	1915.2	1805.3	1896.8	2112.9	2438.8	2651.2	*2687.8*	2962.4
32.5°	3244.4	3207.8	2929.5	2438.8	2072.6	2006.7	2197.1	2530.3	2750.1	*2790.3*	3101.6
35°	4148.9	4101.3	3826.6	3270.0	2640.2	2252.0	2325.3	2647.5	2885.5	*2929.5*	3299.3
37.5°	4815.3	4782.4	4588.3	4126.9	3368.9	2717.1	2537.7	2816.0	3076.0	*3123.6*	3570.3
40°	5368.3	5346.3	5287.7	4903.2	4189.2	3390.9	2896.5	3076.0	3336.0	*3387.2*	3899.9
42.5°	5851.6	5844.3	5870.0	5697.8	5108.3	4170.9	3438.5	3456.8	3691.2	*3746.1*	4317.3
45°	6250.8	6254.5	6357.0	6441.2	6053.1	5024.1	4064.7	3910.9	4119.6	*4192.8*	4771.4
47.5°	6642.6	6613.3	6800.1	6983.2	6844.0	5888.3	4712.8	4423.5	4646.9	*4731.1*	5276.7
50°	6697.5	6708.5	7030.8	7334.7	7455.5	6704.9	5415.9	4998.4	5207.2	*5287.7*	5815.0
52.5°	6386.3	6452.2	6939.2	7495.8	7814.4	7426.2	6148.3	5613.6	5800.4	*5939.5*	6368.0
55°	4866.6	5020.4	6617.0	7320.1	7873.0	7913.3	6825.7	6199.5	6463.2	*6631.6*	6888.0
57.5°	4233.1	4277.0	5152.2	6953.9	7675.3	8173.3	7397.0	6785.4	7180.9	*7367.7*	7415.3
60°	3636.2	3658.2	4332.0	6371.6	7334.7	8067.1	7876.7	7470.2	7960.9	*8176.9*	7865.7
62.5°	2138.5	2310.6	3065.0	5133.9	6909.9	7927.9	8242.8	8176.9	8700.6	*8894.7*	7920.6
65°	1083.9	1179.1	1636.9	3804.7	6173.9	7851.0	8576.1	8576.1	8839.7	*9026.5*	7517.8
67.5°	703.1	739.7	922.8	2827.0	4797.0	7561.7	8436.9	8583.4	9107.0	*9312.1*	7353.0
69°	*604.2*	*629.8*	*783.6*	*2343.6*	*4039.0*	*6741.5*	*8180.6*	*8740.9*	*9271.8*	*9396.3*	*7093.0*
70°	542.0	563.9	714.1	2043.3	3508.1	5686.9	8034.1	8788.5	9246.2	*9359.7*	6829.4
72.5°	377.2	380.8	531.0	1208.4	2222.7	3614.3	6518.1	8404.0	8832.4	*8832.4*	6016.4
75°	157.5	186.8	300.3	531.0	926.4	2003.0	3156.5	7166.3	7664.3	*7532.4*	4635.9
77.5°	124.5	146.5	260.0	292.9	336.9	827.6	1120.5	4192.8	3654.5	*3449.5*	1516.0
80°	91.5	106.2	219.7	197.7	124.5	241.7	278.3	955.7	684.8	*600.5*	230.7
82.5°	40.3	51.3	168.4	124.5	69.6	76.9	102.5	201.4	197.7	*175.8*	95.2
85°	22.0	33.0	73.2	43.9	29.3	29.3	40.3	62.3	54.9	*54.9*	40.3
87.5°	0.0	0.0	3.7	3.7	7.3	11.0	14.6	22.0	25.6	*25.6*	25.6
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: P1366888
CATALOG NUMBER: GSS-SB3B-730-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9	2090.9
2.5°	2098.2	2101.9	2101.9	2090.9	2079.9	2065.3	2039.7	2025.0	2017.7	2010.4	2006.7
5°	2116.6	2123.9	2105.6	2058.0	1999.4	1918.8	1845.6	1787.0	1735.7	1724.7	1713.7
7.5°	2164.2	2171.5	2116.6	1995.7	1845.6	1710.1	1563.6	1461.1	1376.9	1358.5	1362.2
10°	2226.4	2233.7	2120.2	1911.5	1684.5	1453.8	1252.4	1076.6	963.1	937.4	904.5
12.5°	2314.3	2307.0	2109.2	1805.3	1479.4	1153.5	882.5	692.1	596.9	538.3	549.3
15°	2398.5	2380.2	2087.3	1673.5	1219.4	823.9	556.6	450.4	417.5	413.8	413.8
17.5°	2501.0	2457.1	2047.0	1501.4	922.8	552.9	421.1	399.1	391.8	395.5	391.8
20°	2596.3	2515.7	1981.1	1285.3	662.8	424.8	391.8	380.8	377.2	373.5	373.5
22.5°	2698.8	2563.3	1882.2	1036.3	476.0	388.2	373.5	362.5	351.5	347.9	347.9
25°	2797.7	2596.3	1750.4	787.3	391.8	366.2	347.9	333.2	322.2	314.9	314.9
27.5°	2881.9	2607.2	1585.6	574.9	358.9	344.2	318.6	300.3	285.6	282.0	282.0
30°	2980.8	2603.6	1384.2	432.1	336.9	314.9	285.6	260.0	249.0	252.7	252.7
32.5°	3083.3	2618.2	1182.8	362.5	314.9	282.0	241.7	219.7	212.4	212.4	216.0
35°	3215.1	2640.2	992.4	340.6	292.9	241.7	205.1	179.4	175.8	183.1	183.1
37.5°	3387.2	2665.8	809.3	336.9	274.6	208.7	168.4	153.8	150.1	153.8	153.8
40°	3628.9	2746.4	637.2	336.9	260.0	186.8	142.8	135.5	135.5	135.5	135.5
42.5°	3973.1	2929.5	520.0	333.2	252.7	172.1	128.2	120.8	120.8	124.5	124.5
45°	4343.0	3207.8	483.4	322.2	245.3	172.1	120.8	113.5	117.2	117.2	117.2
47.5°	4698.2	3489.8	494.4	303.9	238.0	175.8	117.2	109.9	109.9	109.9	109.9
50°	5013.1	3687.5	512.7	278.3	223.4	172.1	117.2	102.5	106.2	106.2	106.2
52.5°	5342.6	3771.7	520.0	241.7	201.4	164.8	117.2	98.9	98.9	102.5	102.5
55°	5621.0	3746.1	490.7	205.1	175.8	153.8	109.9	95.2	95.2	95.2	95.2
57.5°	5855.3	3559.3	399.1	172.1	150.1	128.2	102.5	91.5	91.5	91.5	91.5
60°	5939.5	3090.6	292.9	146.5	120.8	106.2	95.2	87.9	84.2	84.2	80.6
62.5°	5617.3	2383.9	201.4	124.5	102.5	91.5	84.2	80.6	76.9	69.6	65.9
65°	5009.4	1640.5	146.5	102.5	87.9	76.9	76.9	73.2	62.3	54.9	51.3
67.5°	4548.0	1007.0	117.2	84.2	73.2	65.9	65.9	65.9	58.6	47.6	47.6
69°	*4229.4*	*699.4*	*106.2*	*76.9*	*65.9*	*58.6*	*58.6*	*62.3*	*54.9*	*43.9*	*43.9*
70°	3954.8	549.3	98.9	69.6	58.6	54.9	54.9	58.6	51.3	40.3	40.3
72.5°	3299.3	271.0	84.2	58.6	47.6	43.9	47.6	47.6	43.9	33.0	33.0
75°	2405.8	161.1	69.6	47.6	36.6	33.0	40.3	40.3	33.0	25.6	25.6
77.5°	780.0	95.2	54.9	40.3	33.0	29.3	33.0	29.3	25.6	18.3	18.3
80°	164.8	58.6	40.3	29.3	25.6	22.0	22.0	18.3	18.3	14.6	14.6
82.5°	73.2	43.9	29.3	25.6	18.3	18.3	14.6	14.6	11.0	11.0	11.0
85°	36.6	29.3	22.0	18.3	14.6	14.6	11.0	11.0	11.0	11.0	11.0
87.5°	25.6	22.0	18.3	11.0	11.0	11.0	7.3	7.3	7.3	7.3	7.3
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

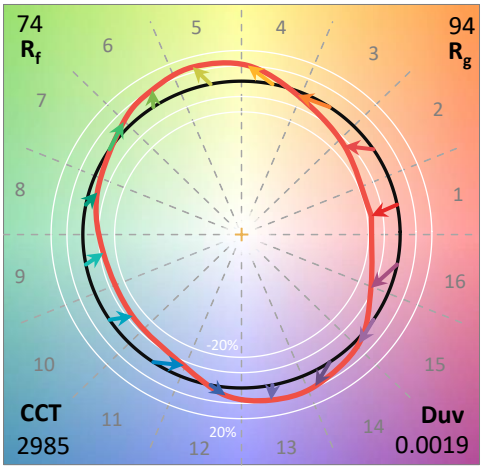
Test Information

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

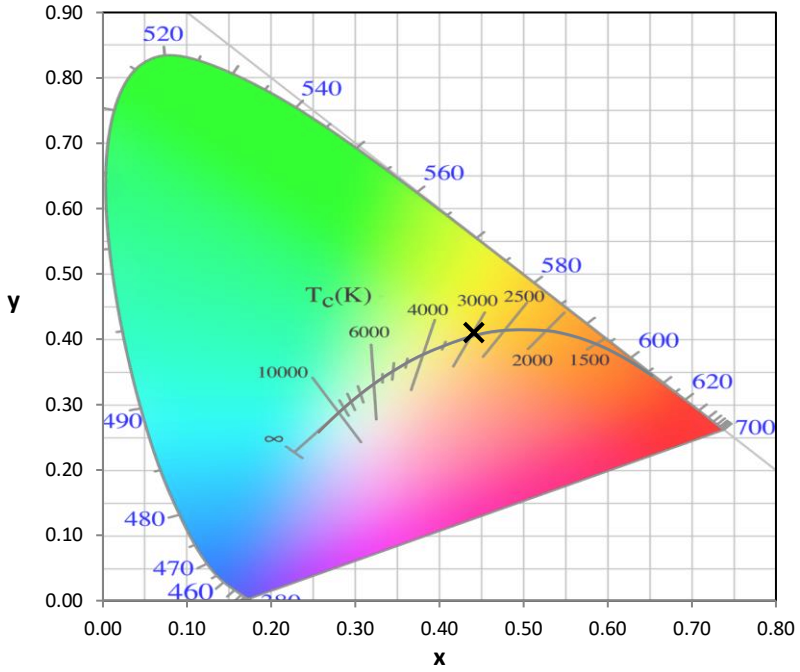
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

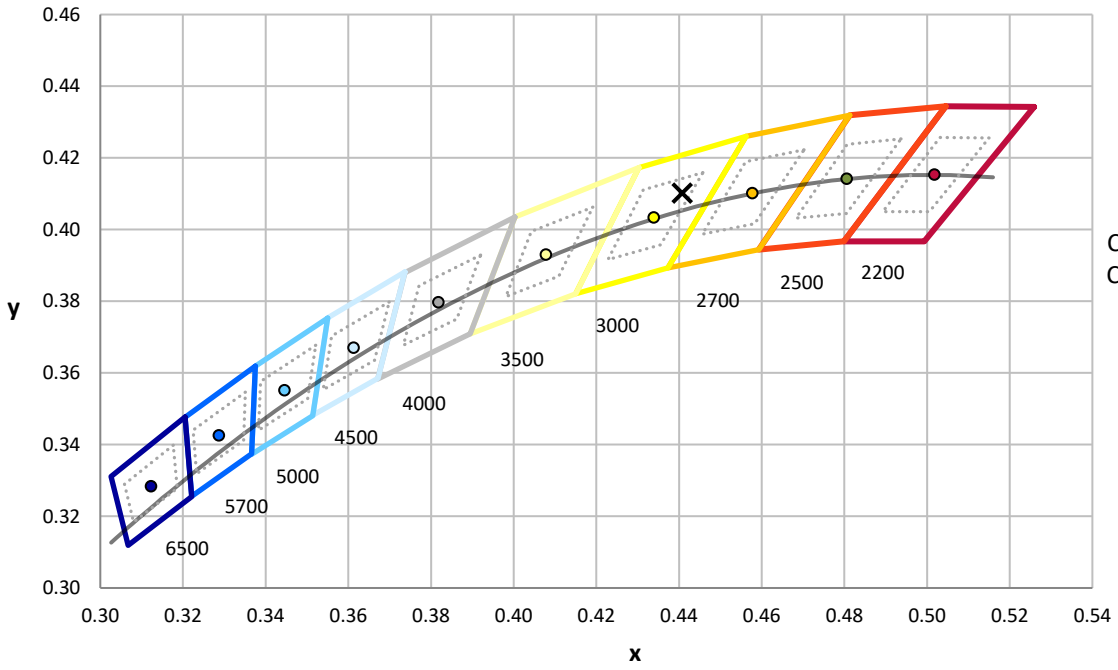
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

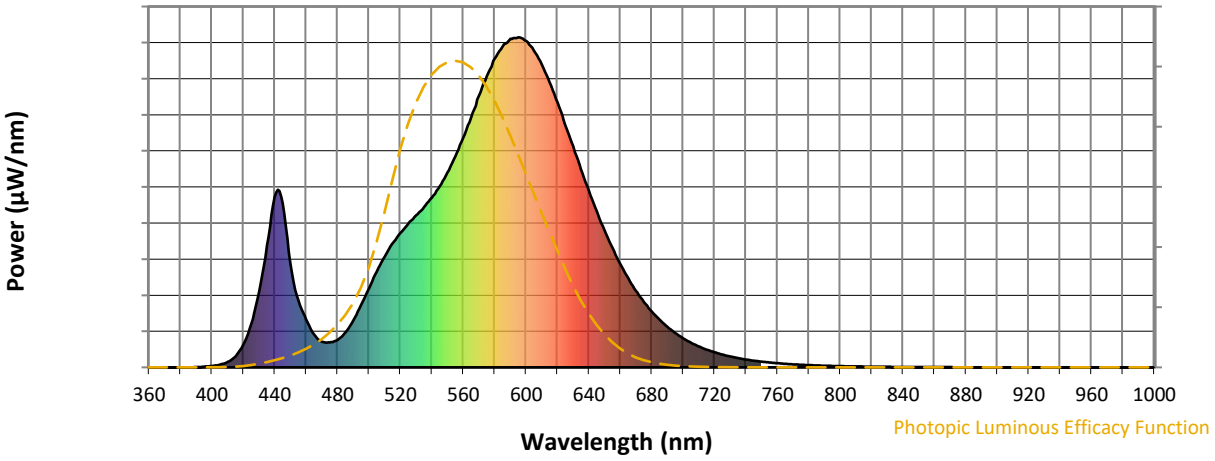


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

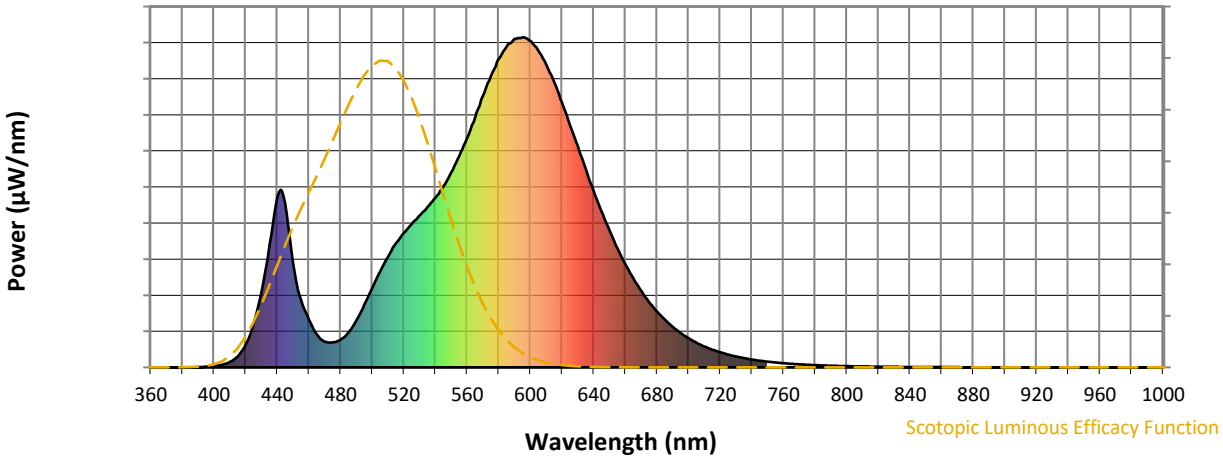


Photopic Lumens: NR

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

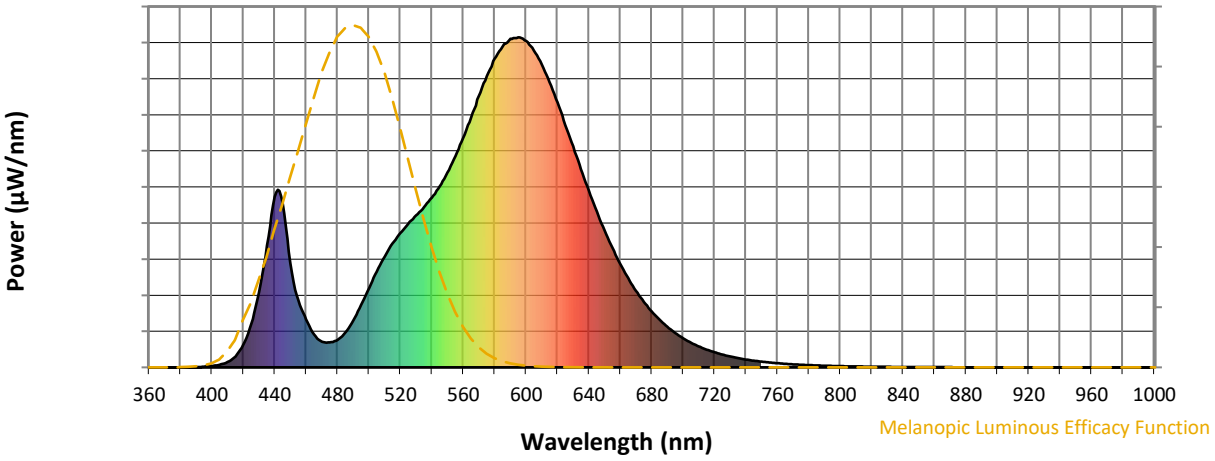


Scotopic Lumens: NR **S/P: 1.19**

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			

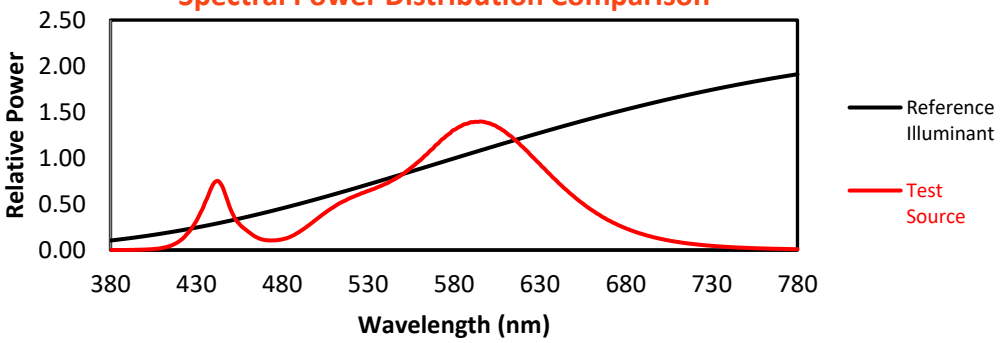
REPORT NUMBER: SP1-2407-184-4

TM-30-18

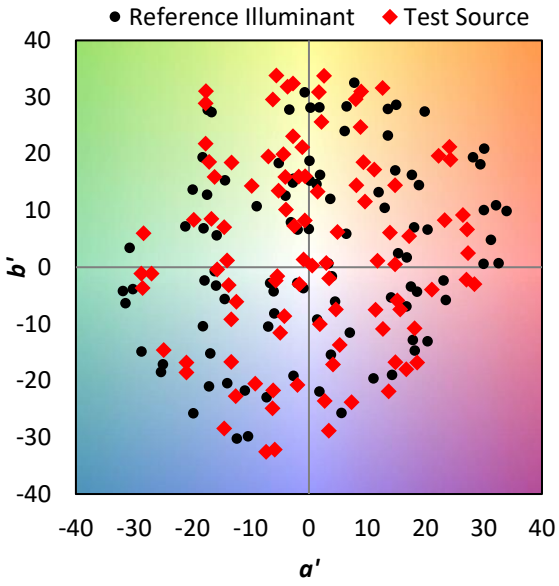
Summary

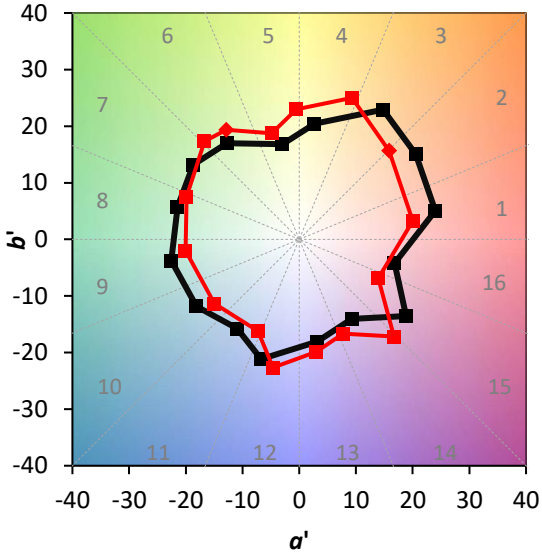
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

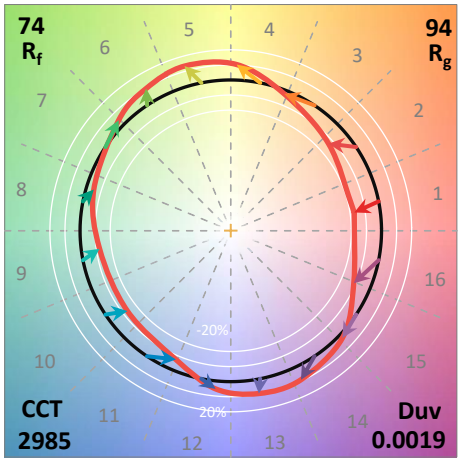
Spectral Power Distribution Comparison

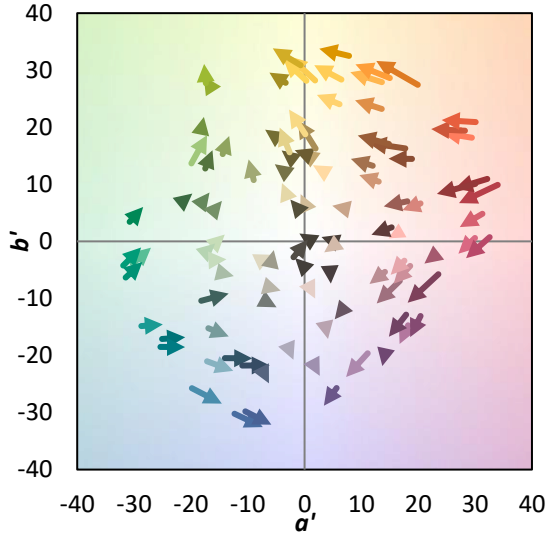


Color Vector Graphics







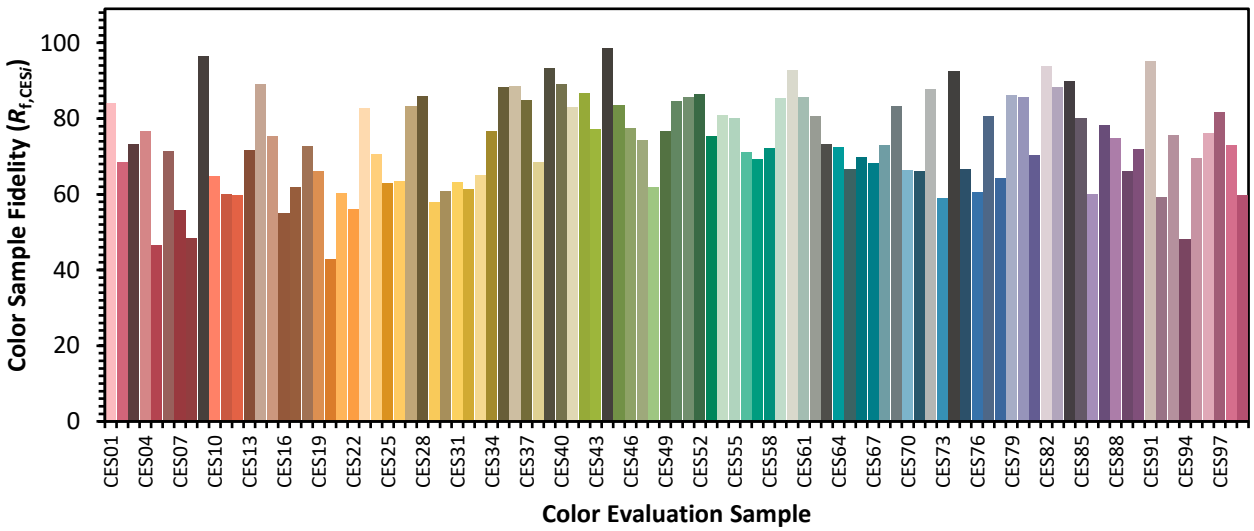


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

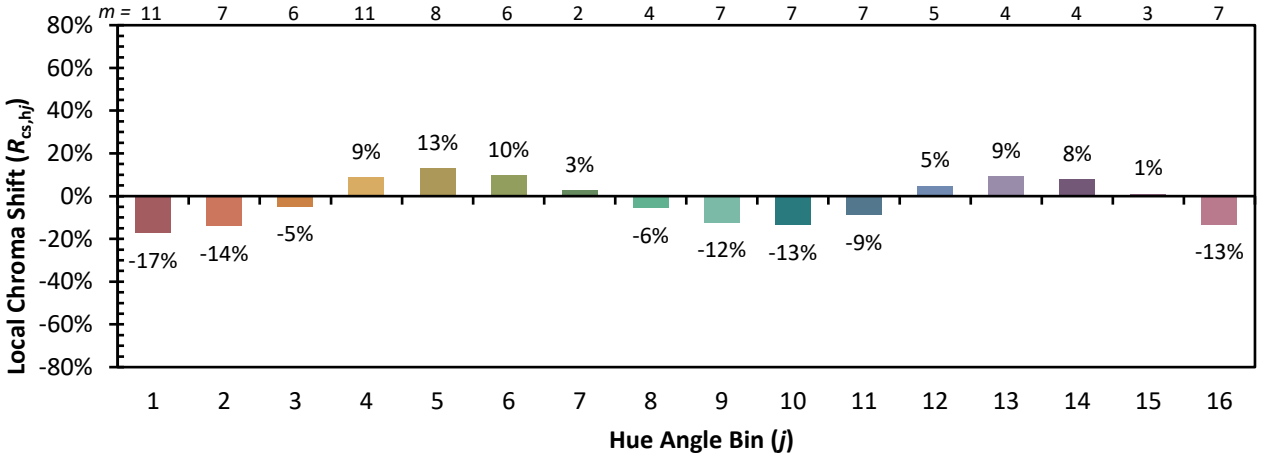
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

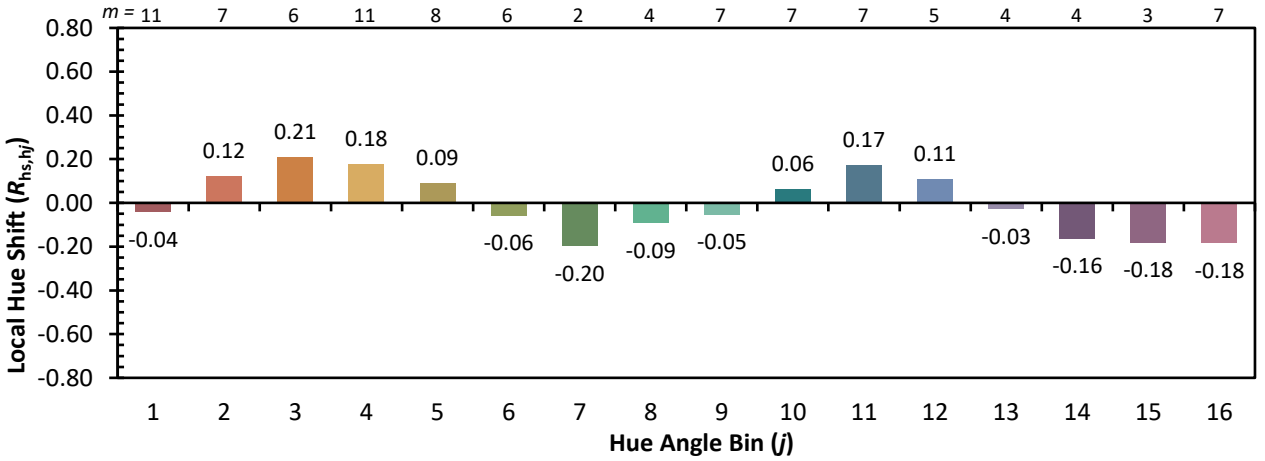


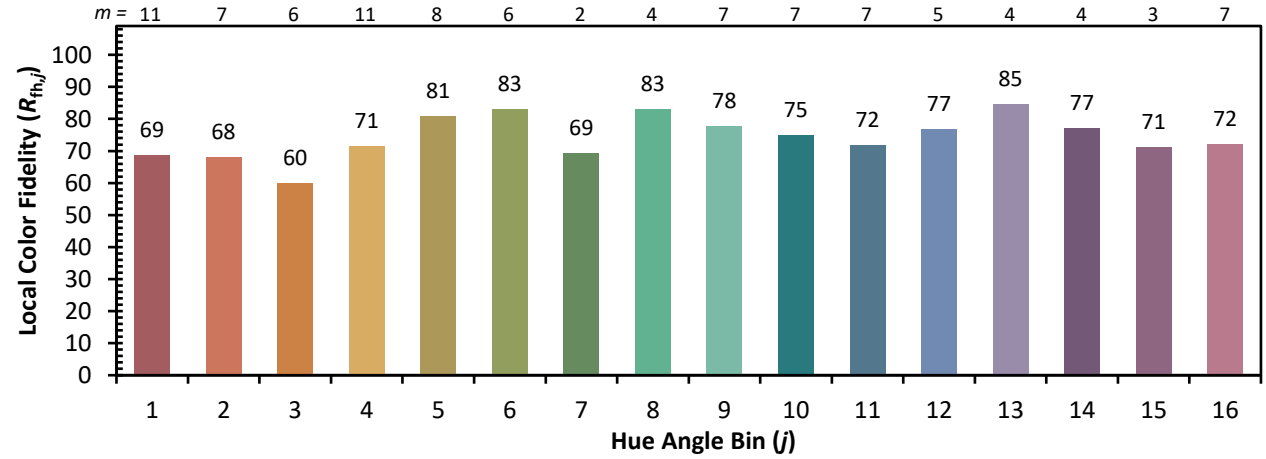
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



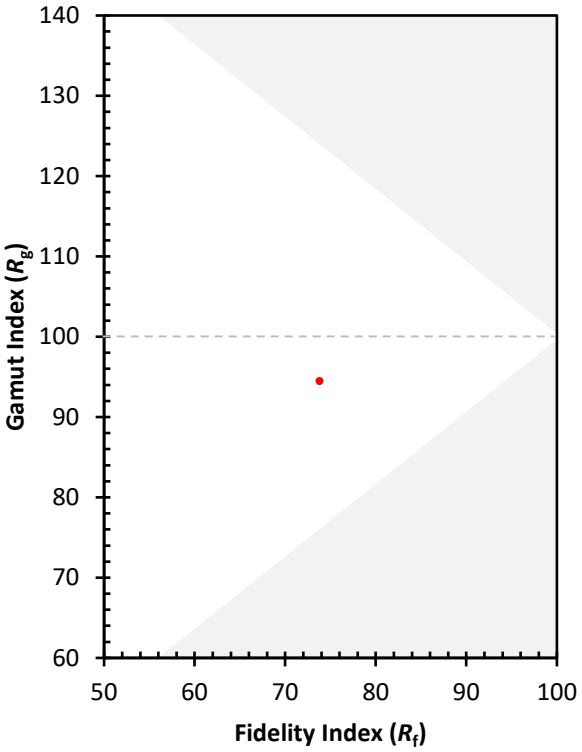


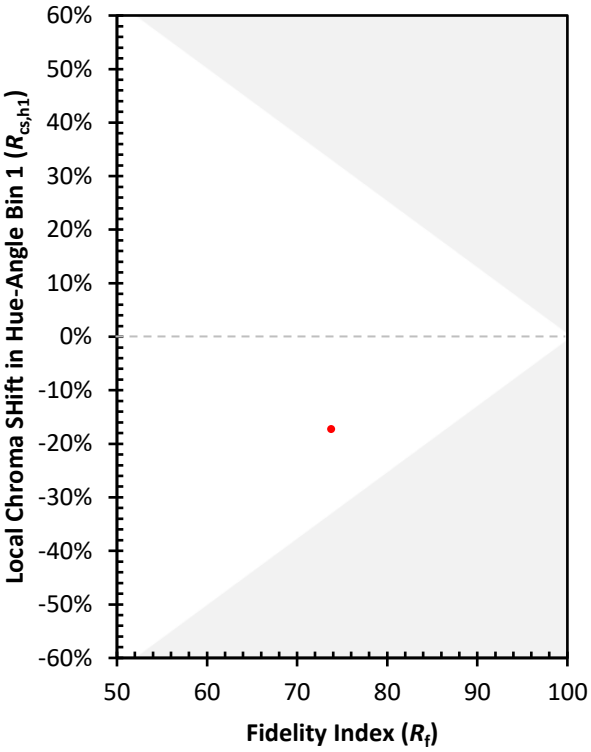


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)