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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502697

Luminaire Tested: GSS-SB2A-835-U-T4LG-HSS

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502697
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-835-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6220.3 lumens
Efficiency:	N/A
Efficacy:	107.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

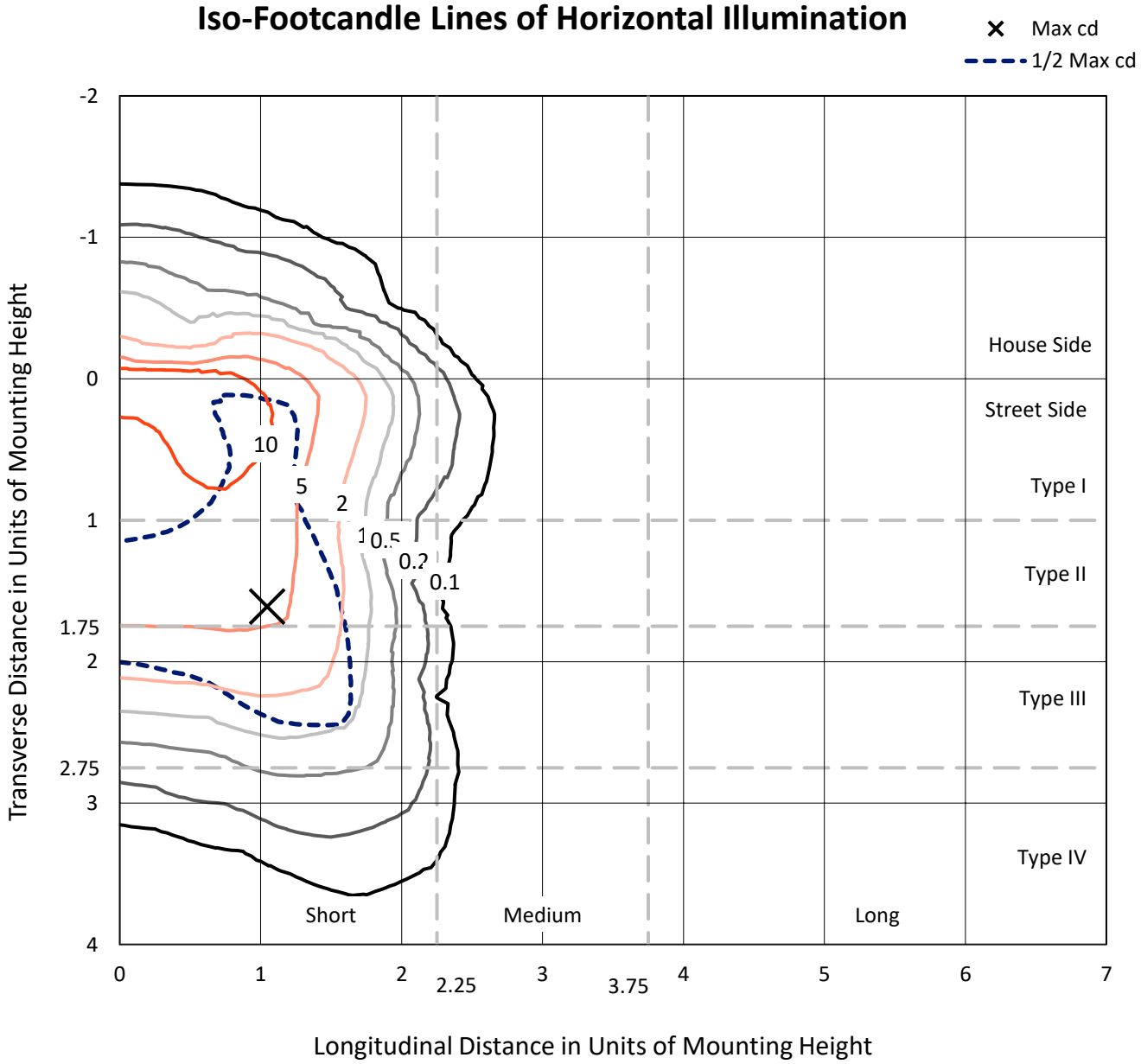
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502697
CATALOG NUMBER: GSS-SB2A-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



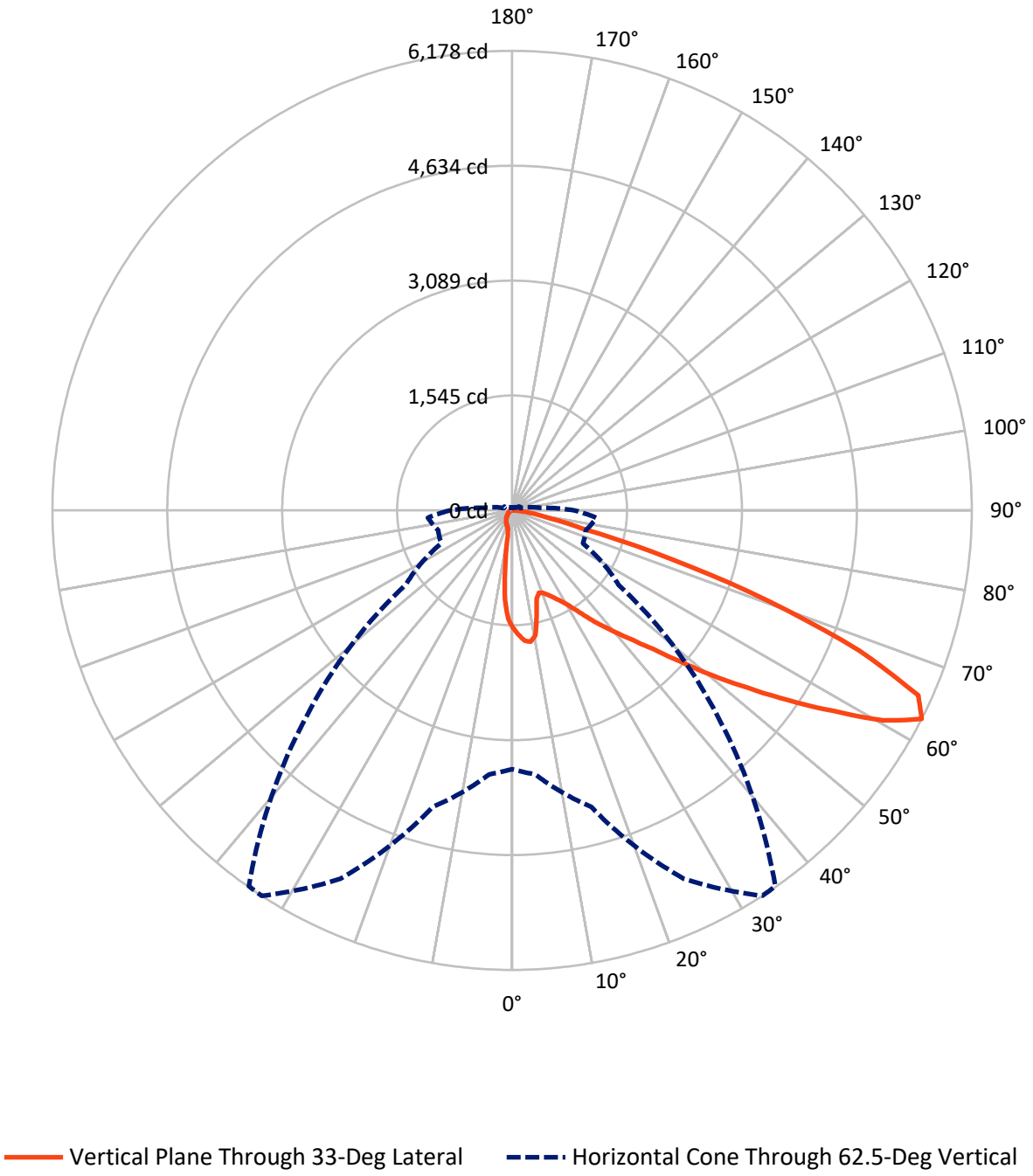
Based on 10 foot mounting height. Maximum calculated value = 18.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502697
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Luminous Intensity Polar Plot



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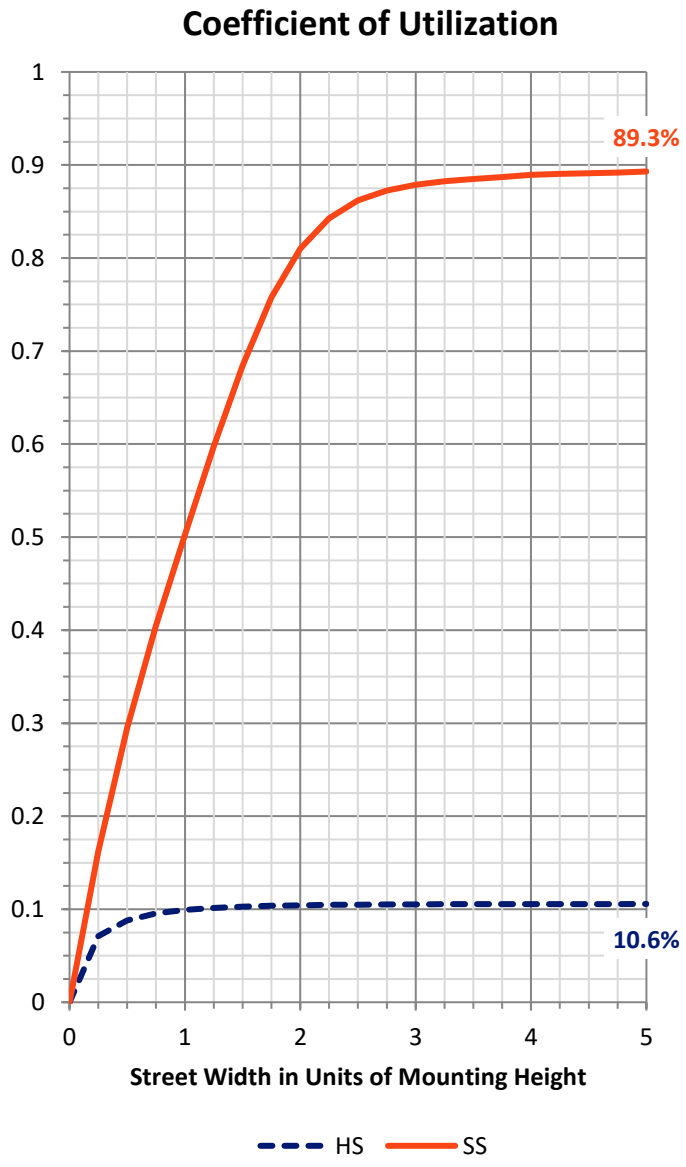
REPORT NUMBER: P1502697
CATALOG NUMBER: GSS-SB2A-835-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	661.9	0.0	661.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5558.4	0.0	5558.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	6220.3	0.0	6220.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.3	2.2
10°-20°	299.8	4.8
20°-30°	483.1	7.8
30°-40°	803.7	12.9
40°-50°	1270.3	20.4
50°-60°	1706.6	27.4
60°-70°	1252.9	20.1
70°-80°	248.0	4.0
80°-90°	21.6	0.3
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°	6220.3	100.0
0°-180°	6220.3	100.0



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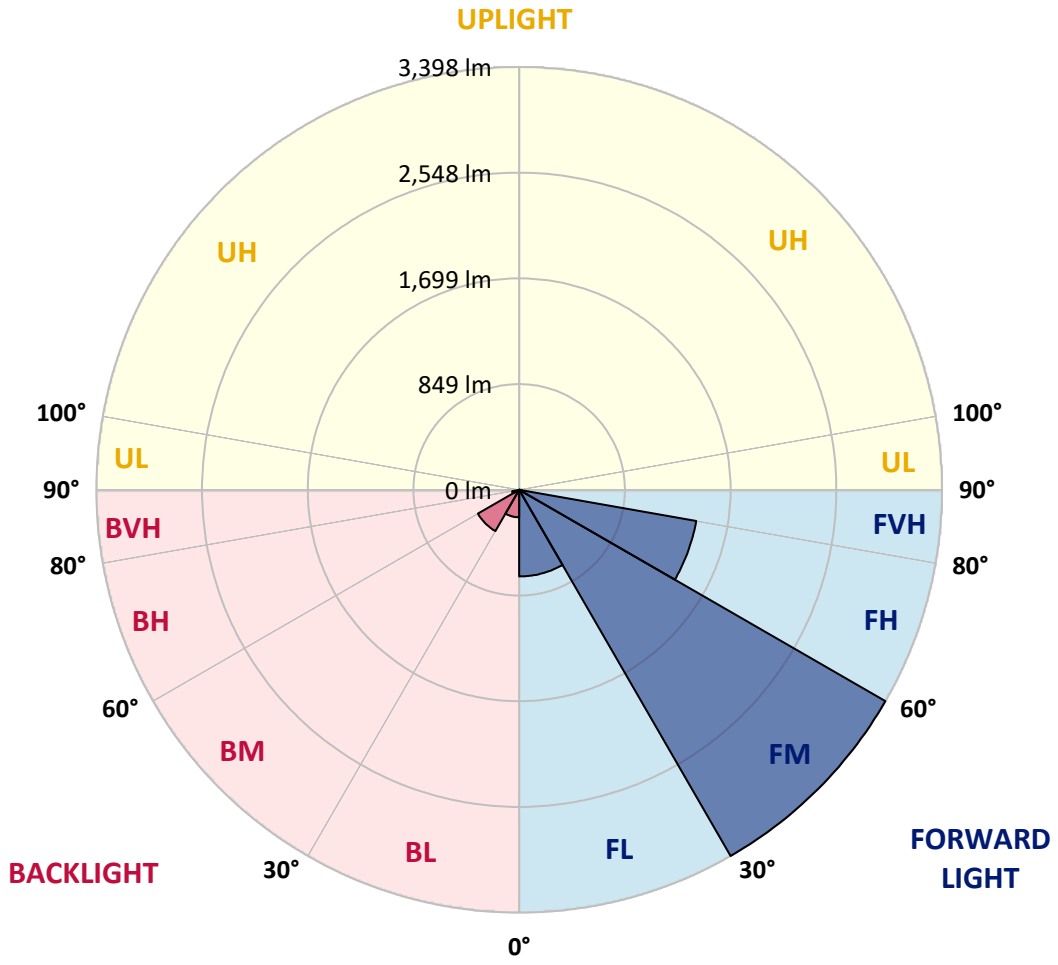
Scaled Data Report

REPORT NUMBER: P1502697
CATALOG NUMBER: GSS-SB2A-835-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	696.4	11.2			
FM	(30°-60°)	3397.8	54.6			
FH	(60°-80°)	1444.3	23.2			G1/1800
FVH	(80°-90°)	19.9	0.3			G1/100
BL	(0°-30°)	220.8	3.6	B1/500		
BM	(30°-60°)	382.9	6.2	B1/1000		
BH	(60°-80°)	56.5	0.9	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1502697
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1580.0	1580.0	1580.0	1580.0	*1580.0*	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0
2.5°	1683.4	1690.4	1690.4	1676.4	*1672.9*	1665.8	1658.8	1657.1	1634.3	1616.8	1599.3
5°	1769.2	1767.4	1765.7	1758.7	*1760.4*	1751.7	1746.4	1737.7	1699.1	1672.9	1625.6
7.5°	1732.4	1748.2	1755.2	1774.5	*1783.2*	1781.5	1795.5	1799.0	1765.7	1728.9	1657.1
10°	1492.4	1483.7	1546.7	1629.1	*1711.4*	1730.7	1806.0	1846.3	1834.0	1800.7	1707.9
12.5°	1182.4	1191.1	1234.9	1331.3	*1466.2*	1508.2	1725.4	1884.8	1919.8	1898.8	1778.0
15°	1082.5	1082.5	1105.3	1150.9	*1231.4*	1271.7	1539.7	1879.6	2010.9	2012.7	1865.5
17.5°	1061.5	1065.0	1084.3	1114.1	*1166.6*	1184.1	1371.6	1802.5	2100.3	2131.8	1963.6
20°	1065.0	1070.3	1091.3	1133.3	*1184.1*	1205.2	1327.8	1704.4	2175.6	2261.4	2067.0
22.5°	1077.3	1075.5	1112.3	1168.4	*1233.2*	1252.5	1364.6	1664.1	2238.6	2410.3	2187.9
25°	1091.3	1093.0	1140.3	1219.2	*1298.0*	1320.8	1446.9	1700.9	2284.2	2569.7	2310.5
27.5°	1133.3	1138.6	1196.4	1282.2	*1375.1*	1404.8	1553.7	1797.2	2363.0	2723.9	2443.6
30°	1198.2	1203.4	1270.0	1373.3	*1473.2*	1518.7	1686.9	1918.1	2480.4	2902.5	2580.2
32.5°	1273.5	1280.5	1366.3	1485.4	*1606.3*	1650.1	1839.3	2102.0	2636.3	3084.7	2722.1
35°	1368.1	1387.3	1480.2	1622.1	*1785.0*	1827.0	2026.7	2310.5	2839.5	3247.6	2843.0
37.5°	1497.7	1513.5	1627.3	1804.2	*1968.9*	2024.9	2236.9	2529.4	3023.4	3393.0	2941.1
40°	1655.3	1669.4	1797.2	1989.9	*2161.6*	2208.9	2457.6	2750.1	3221.3	3473.6	2962.1
42.5°	1918.1	1956.6	2037.2	2200.1	*2384.0*	2443.6	2702.8	2963.8	3365.0	3489.3	2928.8
45°	2377.0	2389.3	2406.8	2483.9	*2660.8*	2713.4	2962.1	3149.5	3450.8	3492.9	2899.0
47.5°	2816.7	2858.7	2883.3	2918.3	*3025.2*	3044.4	3233.6	3315.9	3519.1	3480.6	2899.0
50°	3256.4	3287.9	3329.9	3372.0	*3485.8*	3492.9	3520.9	3428.0	3522.6	3380.7	2881.5
52.5°	3655.8	3666.3	3738.1	3818.7	*3960.6*	3999.1	3787.1	3510.4	3310.7	3065.4	2799.2
55°	4013.1	4027.1	4135.7	4300.4	*4503.6*	4554.4	4112.9	3351.0	2857.0	2657.3	2608.3
57.5°	4244.3	4277.6	4494.8	4857.4	*5086.9*	5064.1	4365.2	2977.9	2294.7	2173.8	2270.2
60°	4128.7	4174.3	4631.4	5325.1	*5733.3*	5666.7	4295.1	2450.6	1695.6	1608.0	1797.2
62.5°	*3478.8*	*3562.9*	*4128.7*	*5463.5*	*6178.2*	*6167.7*	*3899.2*	*1748.2*	*1051.0*	*1028.2*	*1135.1*
65°	2419.1	2564.5	3235.4	5001.1	*5999.5*	6015.3	3282.7	1017.7	487.0	604.3	663.9
67.5°	1425.9	1529.2	2084.5	4083.2	*5034.3*	4888.9	2231.6	471.2	243.5	367.9	352.1
70°	627.1	697.2	1194.6	2829.0	*3668.0*	3433.3	1089.5	229.5	185.7	222.5	194.4
72.5°	345.1	376.6	628.9	1494.2	*2231.6*	2121.3	367.9	152.4	159.4	166.4	140.1
75°	192.7	206.7	331.1	863.6	*980.9*	912.6	178.7	99.8	134.9	134.9	103.3
77.5°	112.1	124.4	206.7	537.8	*537.8*	434.4	108.6	63.1	101.6	91.1	56.1
80°	52.6	59.6	113.9	297.8	*339.8*	280.3	61.3	43.8	66.6	57.8	36.8
82.5°	15.8	19.3	56.1	115.6	*192.7*	164.7	31.5	28.0	49.0	36.8	21.0
85°	10.5	12.3	28.0	47.3	*94.6*	82.3	10.5	8.8	21.0	17.5	8.8
87.5°	1.8	1.8	3.5	3.5	*3.5*	3.5	1.8	1.8	0.0	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

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Scaled Data Report

REPORT NUMBER: P1502697
CATALOG NUMBER: GSS-SB2A-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0	1580.0
2.5°	1588.8	1576.5	1548.5	1522.2	1508.2	1476.7	1464.4	1450.4	1443.4	1441.6	1431.1
5°	1595.8	1573.0	1502.9	1432.9	1359.3	1289.2	1217.4	1154.4	1103.6	1105.3	1107.1
7.5°	1616.8	1571.3	1448.6	1308.5	1150.9	968.7	774.2	628.9	536.0	516.7	499.2
10°	1644.8	1578.3	1382.1	1122.8	812.8	511.5	360.8	308.3	285.5	280.3	282.0
12.5°	1697.4	1595.8	1298.0	867.1	450.2	294.3	261.0	252.2	248.7	248.7	248.7
15°	1762.2	1620.3	1166.6	567.5	294.3	245.2	238.2	236.5	233.0	233.0	234.7
17.5°	1816.5	1620.3	993.2	369.6	241.7	227.7	222.5	220.7	220.7	222.5	220.7
20°	1876.1	1608.0	798.8	278.5	224.2	212.0	208.5	208.5	208.5	210.2	210.2
22.5°	1937.4	1587.0	618.3	238.2	208.5	197.9	196.2	197.9	199.7	201.4	201.4
25°	2005.7	1560.7	488.7	220.7	194.4	185.7	185.7	185.7	187.4	190.9	192.7
27.5°	2081.0	1538.0	418.7	210.2	182.2	173.4	173.4	175.2	178.7	180.4	182.2
30°	2151.1	1538.0	395.9	215.5	176.9	166.4	162.9	164.7	168.2	171.7	171.7
32.5°	2238.6	1555.5	408.1	238.2	175.2	155.9	152.4	152.4	155.9	157.7	157.7
35°	2312.2	1588.8	450.2	269.8	182.2	147.1	140.1	138.4	141.9	140.1	141.9
37.5°	2371.8	1634.3	527.3	311.8	196.2	136.6	127.9	122.6	122.6	122.6	122.6
40°	2389.3	1679.9	625.4	339.8	194.4	124.4	112.1	106.9	105.1	103.3	103.3
42.5°	2364.8	1700.9	704.2	338.1	173.4	115.6	99.8	92.8	87.6	85.8	85.8
45°	2345.5	1711.4	732.2	294.3	157.7	105.1	89.3	80.6	75.3	73.6	71.8
47.5°	2347.3	1721.9	690.2	240.0	143.6	96.3	80.6	71.8	66.6	64.8	63.1
50°	2354.3	1704.4	585.1	199.7	131.4	87.6	71.8	64.8	59.6	57.8	56.1
52.5°	2280.7	1611.5	411.6	175.2	120.9	82.3	64.8	59.6	54.3	52.6	52.6
55°	2088.0	1389.1	278.5	155.9	112.1	75.3	59.6	56.1	50.8	47.3	47.3
57.5°	1779.7	1047.5	192.7	141.9	98.1	68.3	56.1	50.8	45.5	42.0	42.0
60°	1361.1	683.2	140.1	129.6	80.6	63.1	52.6	49.0	42.0	38.5	36.8
62.5°	*828.5*	*383.6*	*113.9*	*113.9*	*68.3*	*59.6*	*47.3*	*43.8*	*36.8*	*31.5*	*29.8*
65°	480.0	226.0	92.8	96.3	59.6	54.3	42.0	36.8	29.8	24.5	22.8
67.5°	231.2	131.4	73.6	68.3	52.6	45.5	36.8	31.5	26.3	21.0	19.3
70°	141.9	101.6	56.1	49.0	42.0	35.0	29.8	28.0	22.8	17.5	17.5
72.5°	115.6	82.3	43.8	35.0	31.5	24.5	24.5	22.8	17.5	14.0	12.3
75°	91.1	61.3	33.3	24.5	19.3	19.3	17.5	15.8	14.0	10.5	10.5
77.5°	49.0	42.0	24.5	14.0	10.5	12.3	12.3	10.5	8.8	7.0	7.0
80°	31.5	24.5	14.0	7.0	7.0	7.0	7.0	5.3	5.3	3.5	3.5
82.5°	15.8	12.3	7.0	1.8	3.5	3.5	3.5	3.5	3.5	1.8	1.8
85°	3.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

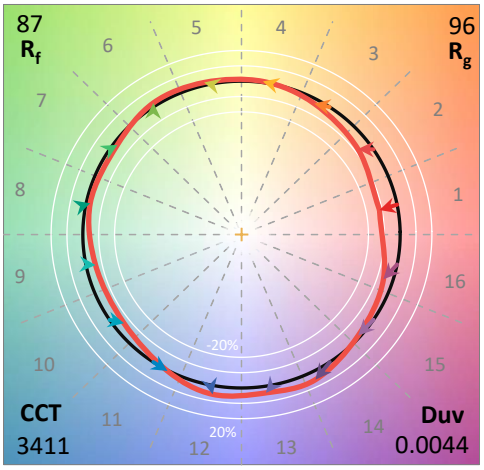
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

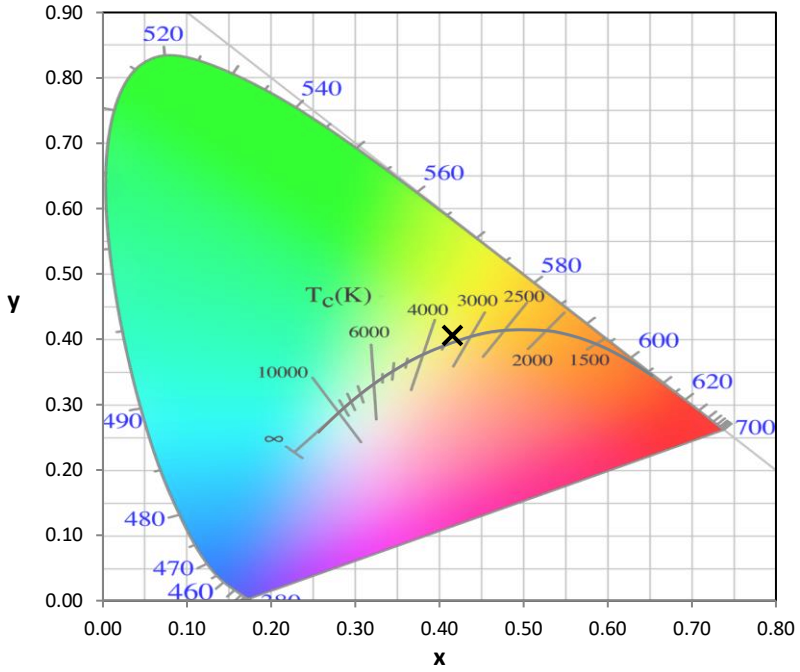
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

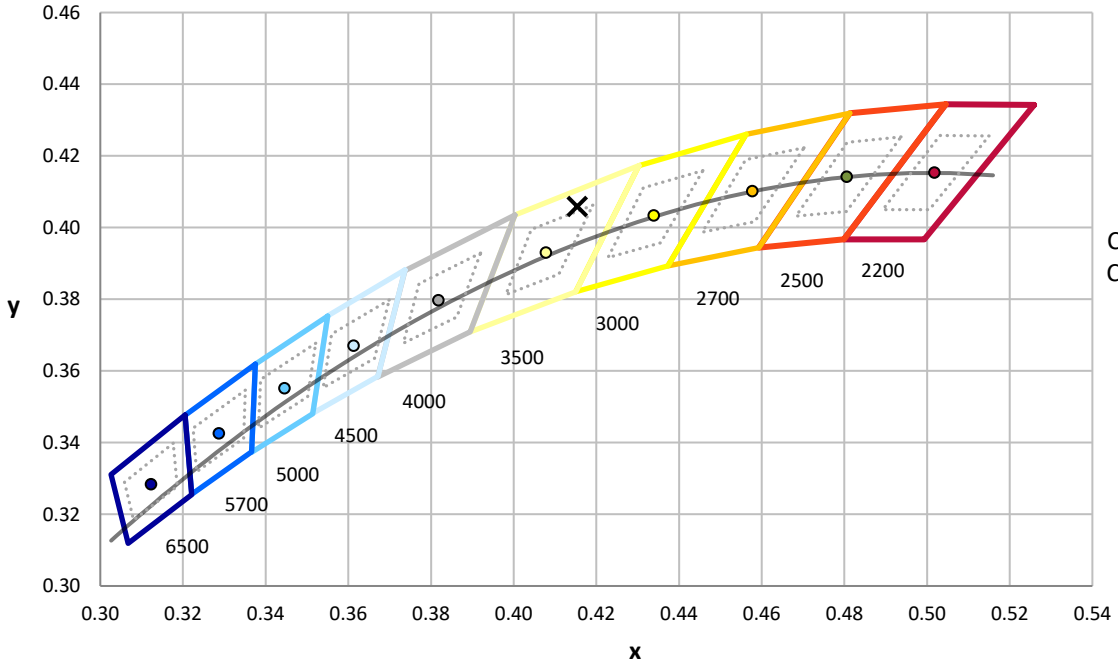
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

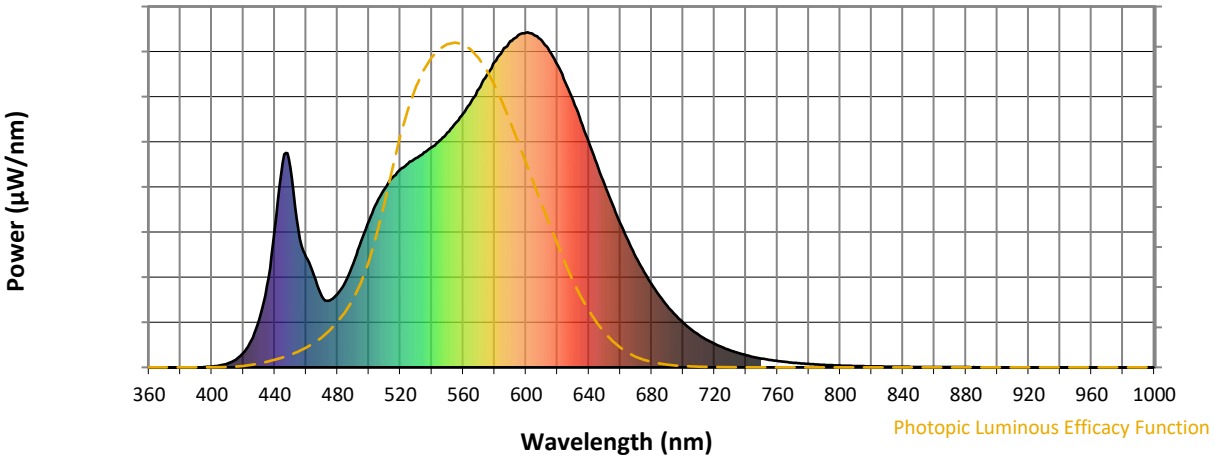


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

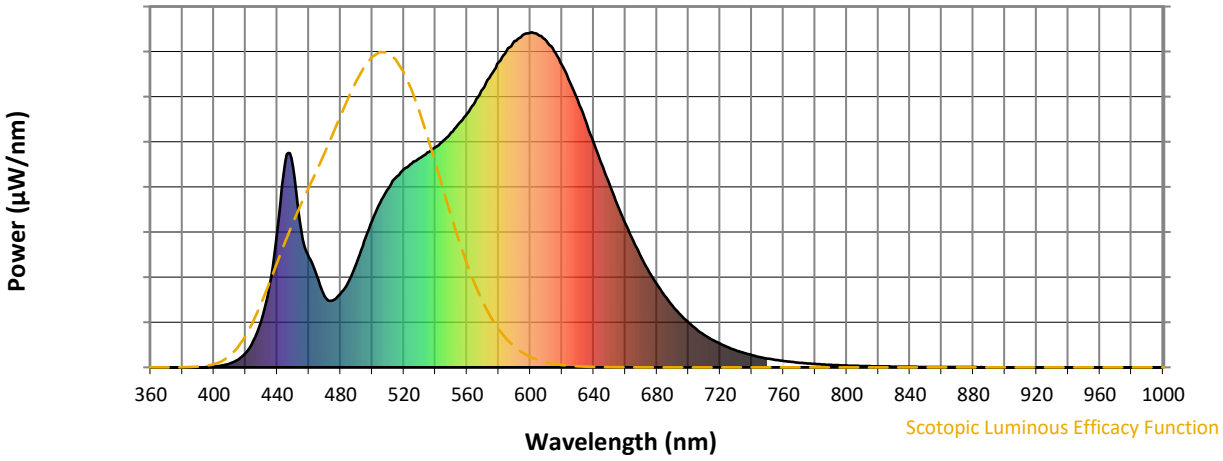


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

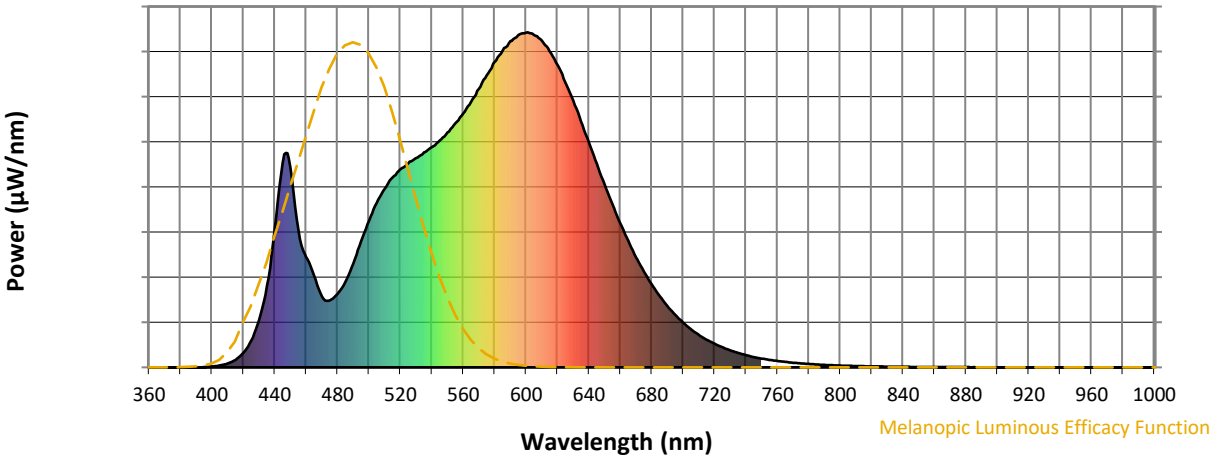


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

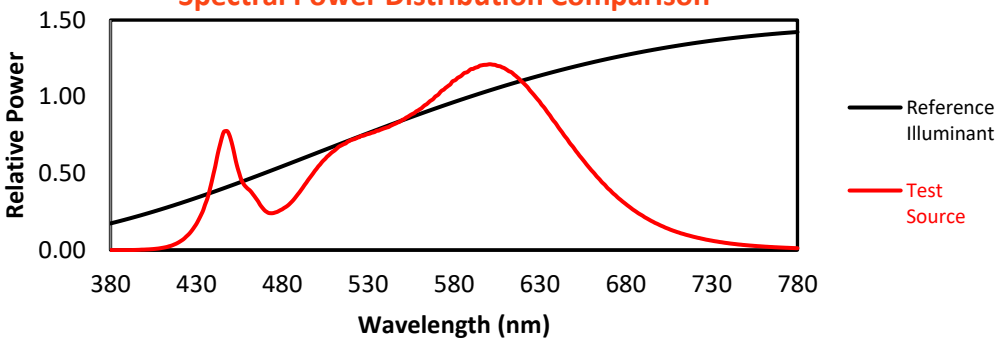
REPORT NUMBER: SP1-2407-184-10

TM-30-18

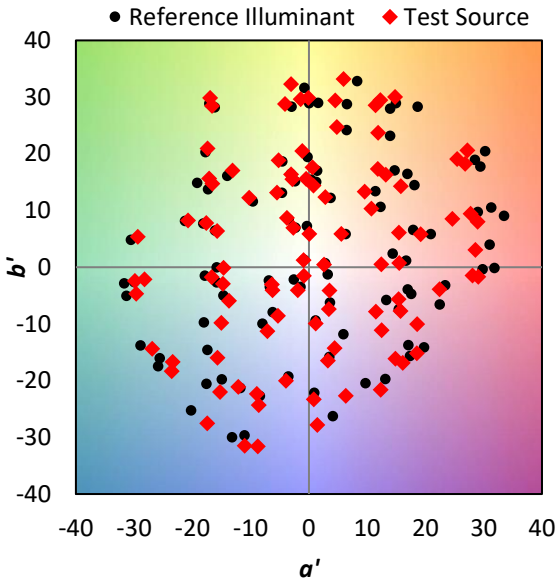
Summary

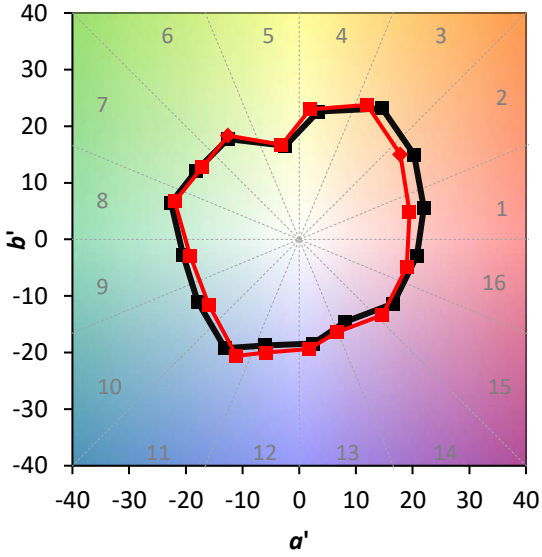
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

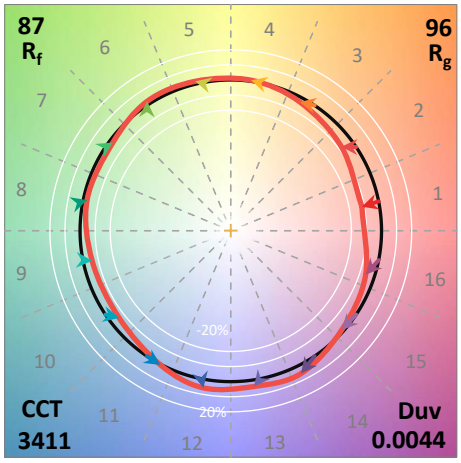
Spectral Power Distribution Comparison

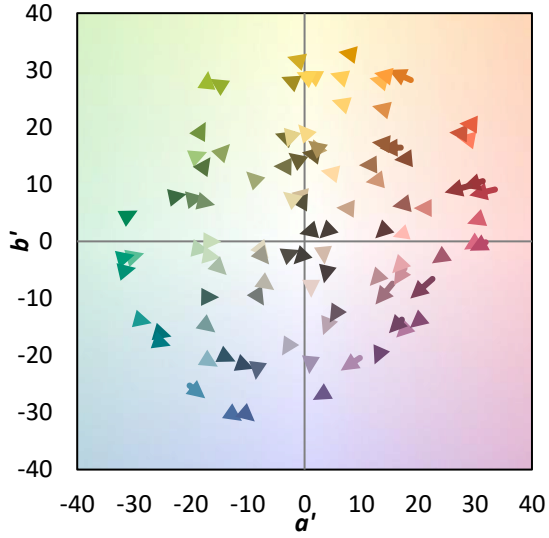


Color Vector Graphics







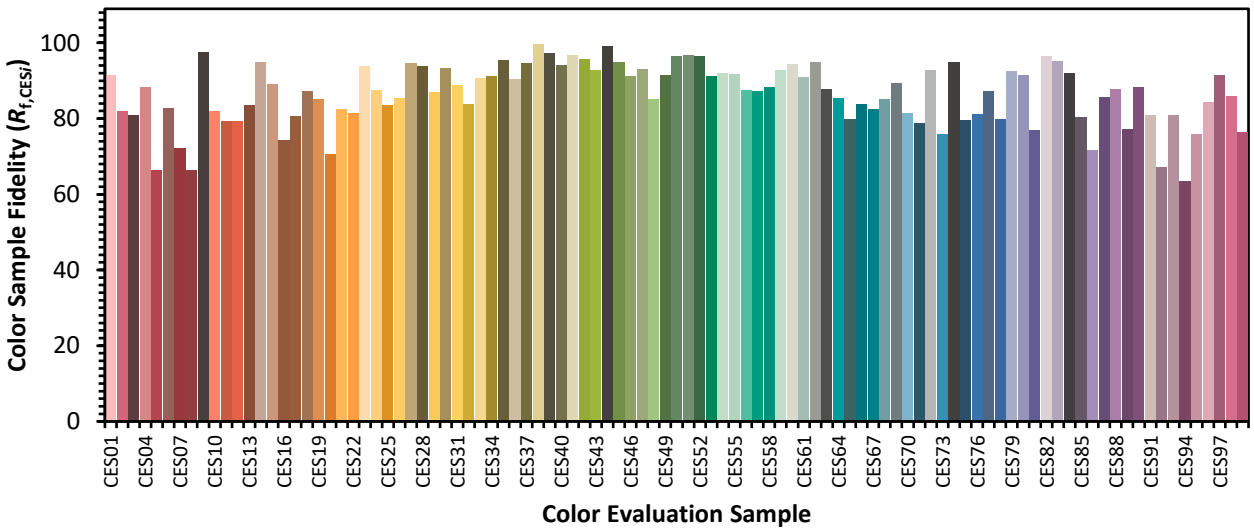


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

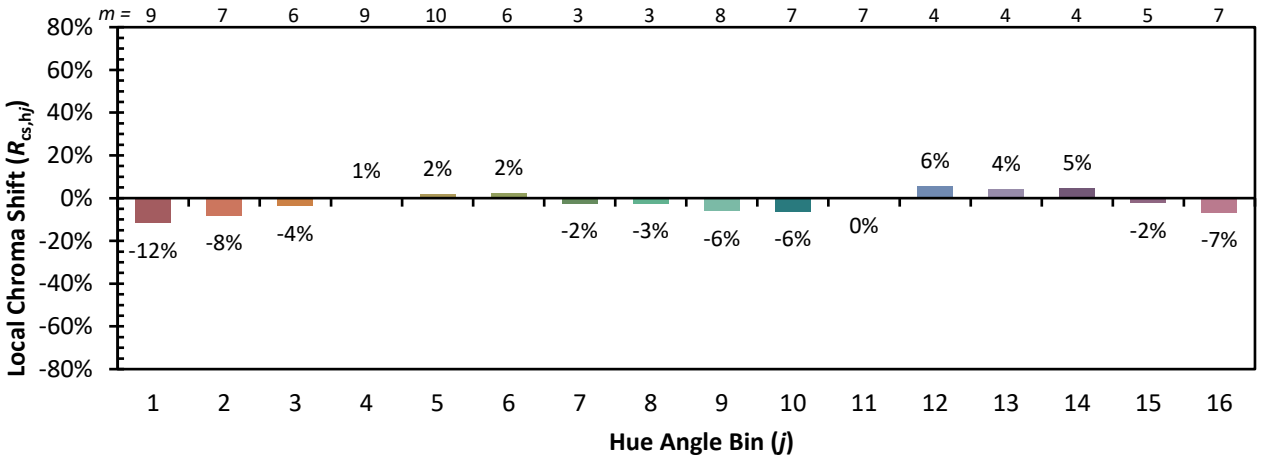
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

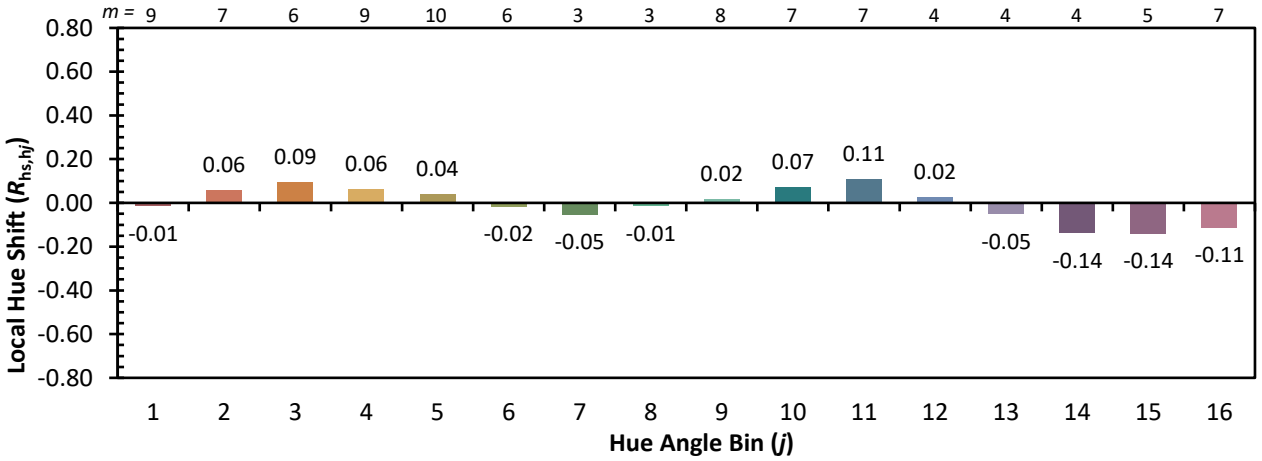


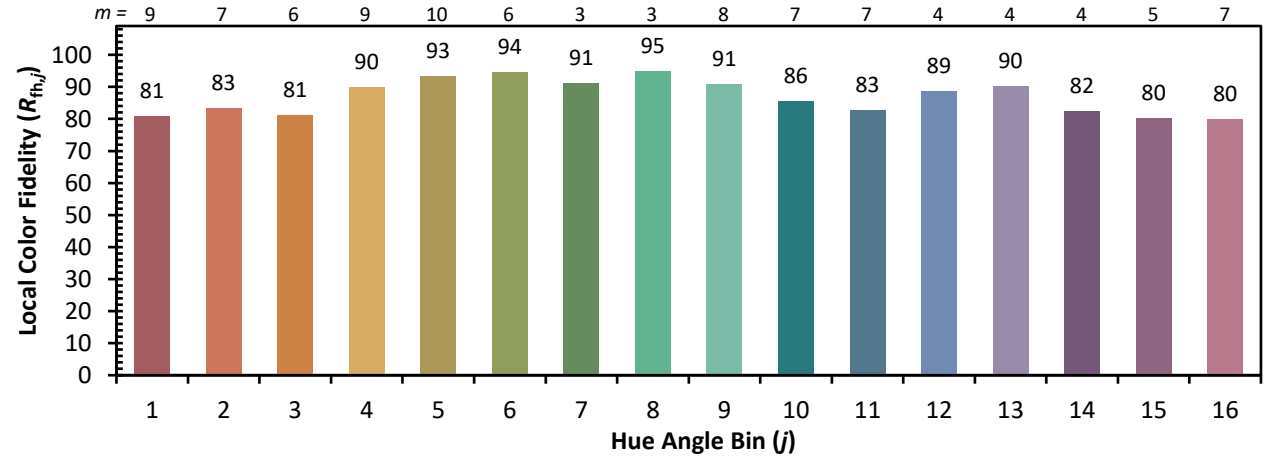
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



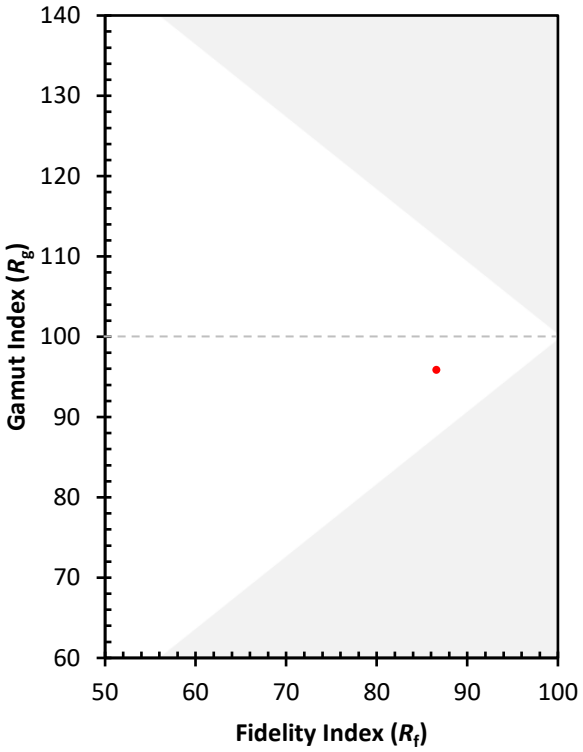


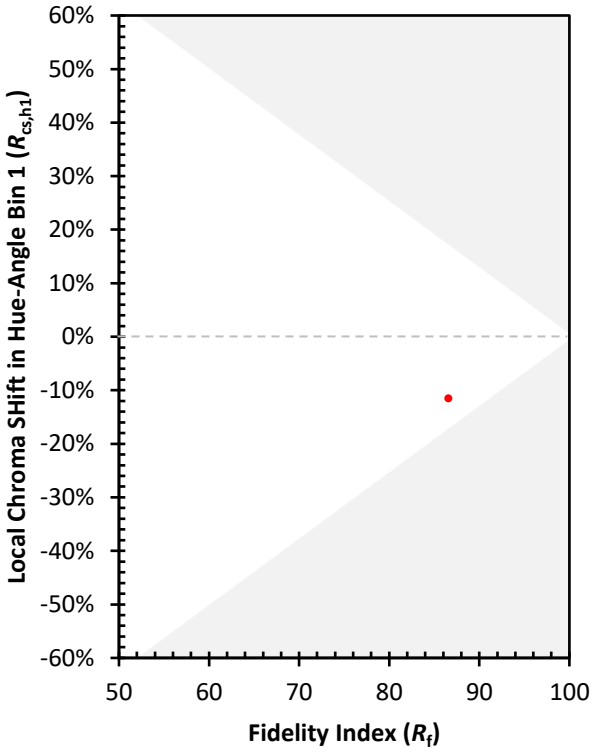


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





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