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: P1502721

Luminaire Tested: GSS-SB2A-840-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:	P1502721
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6411.8 lumens
Efficiency:	N/A
Efficacy:	110.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

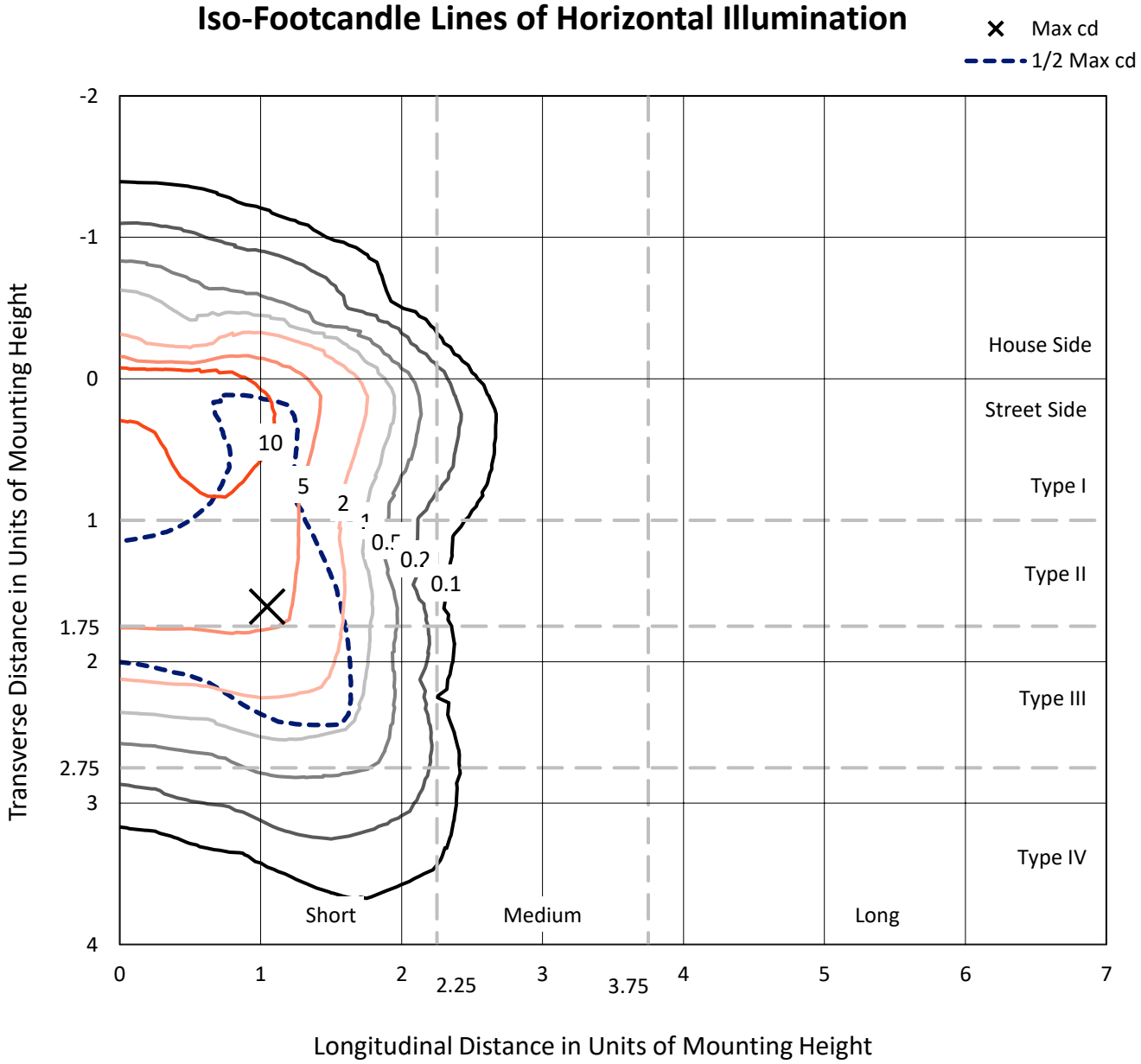
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502721
CATALOG NUMBER: GSS-SB2A-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



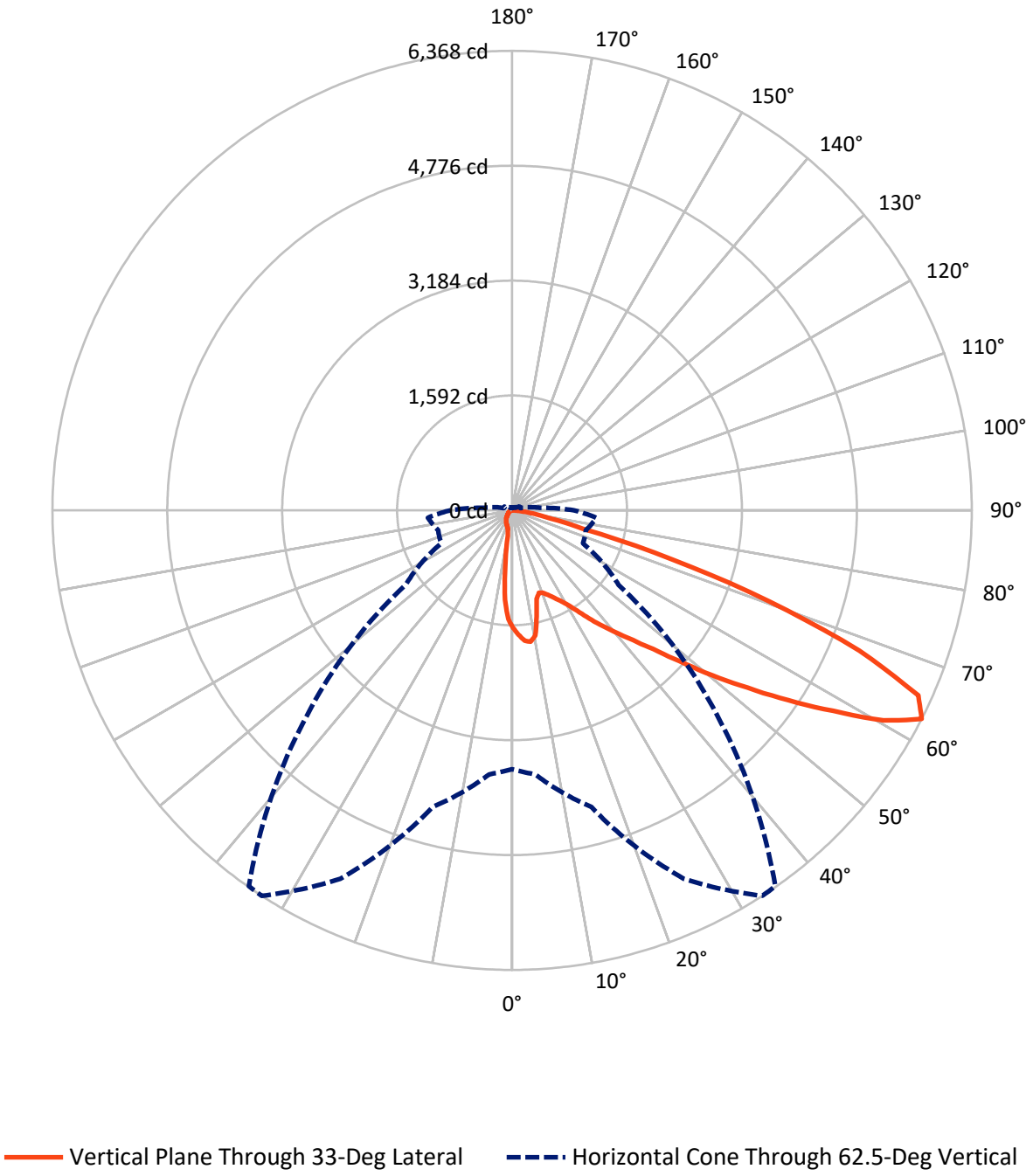
Based on 10 foot mounting height. Maximum calculated value = 19.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1502721
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Luminous Intensity Polar Plot



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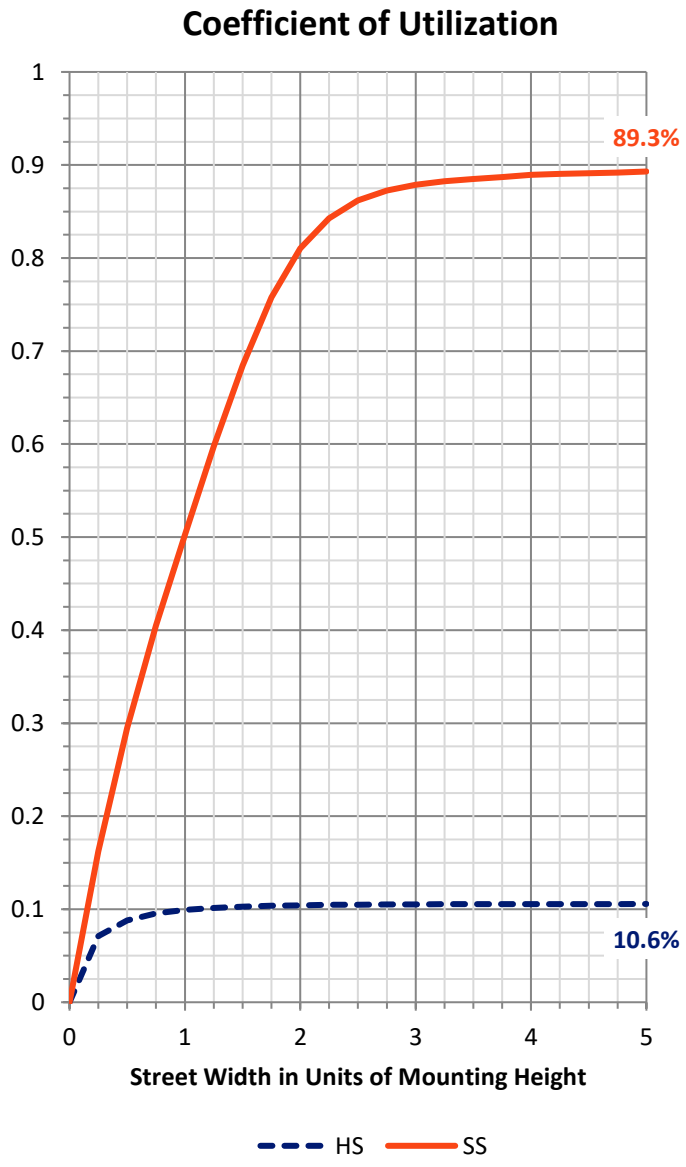
REPORT NUMBER: P1502721
CATALOG NUMBER: GSS-SB2A-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	682.3	0.0	682.3
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5729.5	0.0	5729.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	6411.8	0.0	6411.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.5	2.2
10°-20°	309.0	4.8
20°-30°	498.0	7.8
30°-40°	828.5	12.9
40°-50°	1309.4	20.4
50°-60°	1759.2	27.4
60°-70°	1291.4	20.1
70°-80°	255.6	4.0
80°-90°	22.2	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°	6411.8	100.0
0°-180°	6411.8	100.0



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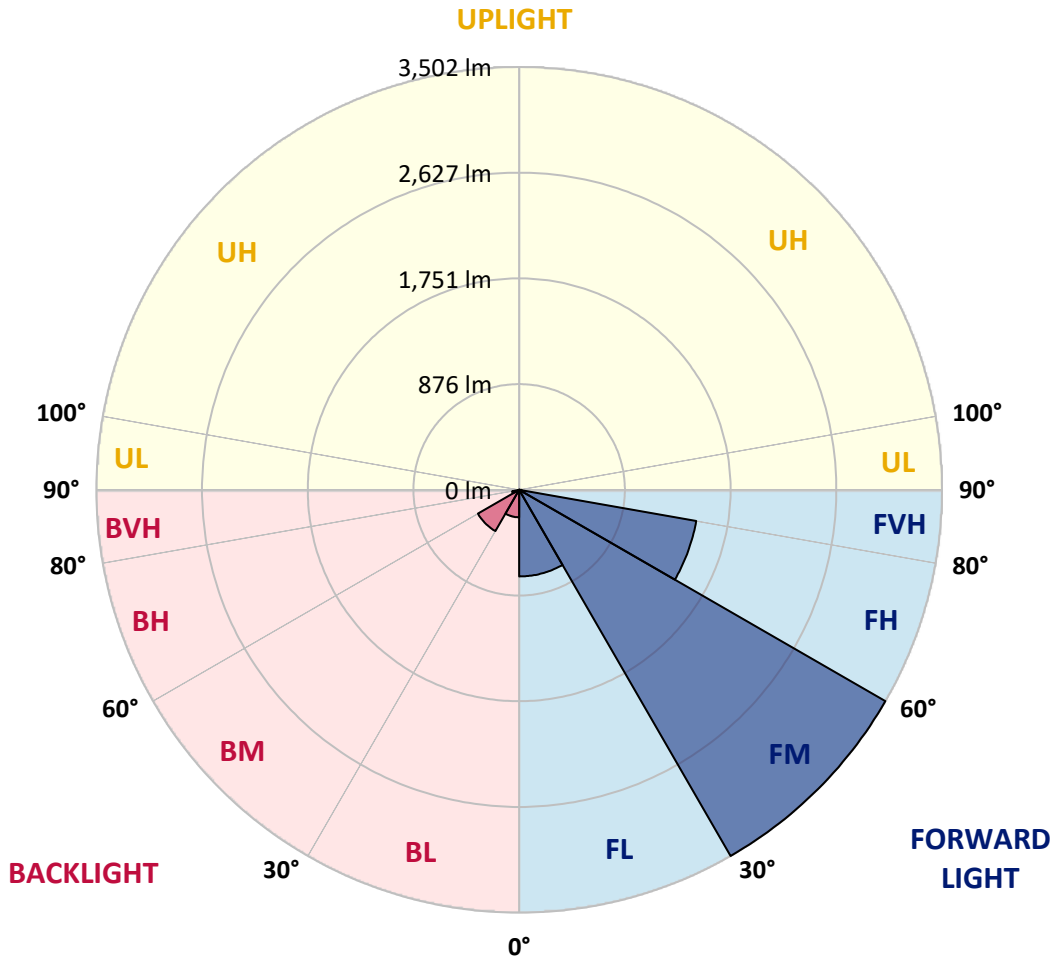
Scaled Data Report

REPORT NUMBER: P1502721
CATALOG NUMBER: GSS-SB2A-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	717.8	11.2			
FM	(30°-60°)	3502.4	54.6			
FH	(60°-80°)	1488.7	23.2			G1/1800
FVH	(80°-90°)	20.5	0.3			G1/100
BL	(0°-30°)	227.6	3.6	B1/500		
BM	(30°-60°)	394.7	6.2	B1/1000		
BH	(60°-80°)	58.3	0.9	B0/110		G0/110
BVH	(80°-90°)	1.7	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1628.7	1628.7	1628.7	1628.7	*1628.7*	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7
2.5°	1735.2	1742.4	1742.4	1728.0	*1724.4*	1717.1	1709.9	1708.1	1684.6	1666.6	1648.5
5°	1823.7	1821.9	1820.1	1812.8	*1814.6*	1805.6	1800.2	1791.2	1751.4	1724.4	1675.6
7.5°	1785.7	1802.0	1809.2	1829.1	*1838.1*	1836.3	1850.8	1854.4	1820.1	1782.1	1708.1
10°	1538.4	1529.4	1594.4	1679.2	*1764.1*	1783.9	1861.6	1903.1	1890.5	1856.2	1760.5
12.5°	1218.8	1227.8	1273.0	1372.3	*1511.3*	1554.6	1778.5	1942.8	1978.9	1957.3	1832.7
15°	1115.9	1115.9	1139.3	1186.3	*1269.3*	1310.9	1587.1	1937.4	2072.8	2074.6	1923.0
17.5°	1094.2	1097.8	1117.7	1148.4	*1202.5*	1220.6	1413.8	1858.0	2164.9	2197.4	2024.1
20°	1097.8	1103.2	1124.9	1168.2	*1220.6*	1242.3	1368.7	1756.9	2242.6	2331.0	2130.6
22.5°	1110.5	1108.6	1146.6	1204.3	*1271.1*	1291.0	1406.6	1715.3	2307.6	2484.5	2255.2
25°	1124.9	1126.7	1175.5	1256.7	*1338.0*	1361.4	1491.4	1753.2	2354.5	2648.8	2381.6
27.5°	1168.2	1173.6	1233.2	1321.7	*1417.4*	1448.1	1601.6	1852.6	2435.8	2807.7	2518.8
30°	1235.0	1240.5	1309.1	1415.6	*1518.5*	1565.5	1738.8	1977.1	2556.7	2991.9	2659.7
32.5°	1312.7	1319.9	1408.4	1531.2	*1655.7*	1700.9	1895.9	2166.7	2717.4	3179.7	2805.9
35°	1410.2	1430.0	1525.7	1672.0	*1839.9*	1883.3	2089.1	2381.6	2926.9	3347.6	2930.5
37.5°	1543.8	1560.0	1677.4	1859.8	*2029.5*	2087.3	2305.8	2607.3	3116.5	3497.5	3031.6
40°	1706.3	1720.7	1852.6	2051.2	*2228.1*	2276.9	2533.3	2834.8	3320.5	3580.5	3053.3
42.5°	1977.1	2016.9	2099.9	2267.8	*2457.4*	2518.8	2786.1	3055.1	3468.6	3596.8	3019.0
45°	2450.2	2462.9	2480.9	2560.4	*2742.7*	2796.9	3053.3	3246.5	3557.1	3600.4	2988.3
47.5°	2903.4	2946.8	2972.0	3008.1	*3118.3*	3138.2	3333.2	3418.0	3627.5	3587.7	2988.3
50°	3356.6	3389.1	3432.5	3475.8	*3593.2*	3600.4	3629.3	3533.6	3631.1	3484.8	2970.2
52.5°	3768.3	3779.1	3853.2	3936.2	*4082.5*	4122.2	3903.7	3618.4	3412.6	3159.8	2885.4
55°	4136.7	4151.1	4263.0	4432.8	*4642.2*	4694.6	4239.6	3454.1	2944.9	2739.1	2688.6
57.5°	4375.0	4409.3	4633.2	5007.0	*5243.5*	5220.0	4499.6	3069.5	2365.3	2240.8	2340.1
60°	4255.8	4302.8	4774.0	5489.1	*5909.8*	5841.1	4427.4	2526.0	1747.8	1657.6	1852.6
62.5°	*3585.9*	*3672.6*	*4255.8*	*5631.7*	*6368.4*	*6357.6*	*4019.3*	*1802.0*	*1083.4*	*1059.9*	*1170.0*
65°	2493.5	2643.4	3335.0	5155.0	*6184.2*	6200.5	3383.7	1049.1	502.0	622.9	684.3
67.5°	1469.8	1576.3	2148.7	4208.9	*5189.3*	5039.5	2300.3	485.7	251.0	379.2	362.9
70°	646.4	718.6	1231.4	2916.1	*3780.9*	3539.0	1123.1	236.5	191.4	229.3	200.4
72.5°	355.7	388.2	648.2	1540.2	*2300.3*	2186.6	379.2	157.1	164.3	171.5	144.4
75°	198.6	213.1	341.3	890.2	*1011.1*	940.7	184.2	102.9	139.0	139.0	106.5
77.5°	115.6	128.2	213.1	554.3	*554.3*	447.8	111.9	65.0	104.7	93.9	57.8
80°	54.2	61.4	117.4	307.0	*350.3*	288.9	63.2	45.1	68.6	59.6	37.9
82.5°	16.3	19.9	57.8	119.2	*198.6*	169.7	32.5	28.9	50.6	37.9	21.7
85°	10.8	12.6	28.9	48.8	*97.5*	84.9	10.8	9.0	21.7	18.1	9.0
87.5°	1.8	1.8	3.6	3.6	*3.6*	3.6	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: P1502721
CATALOG NUMBER: GSS-SB2A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7	1628.7
2.5°	1637.7	1625.0	1596.2	1569.1	1554.6	1522.1	1509.5	1495.0	1487.8	1486.0	1475.2
5°	1644.9	1621.4	1549.2	1477.0	1401.2	1328.9	1254.9	1189.9	1137.5	1139.3	1141.1
7.5°	1666.6	1619.6	1493.2	1348.8	1186.3	998.5	798.1	648.2	552.5	532.7	514.6
10°	1695.5	1626.9	1424.6	1157.4	837.8	527.2	372.0	317.8	294.3	288.9	290.7
12.5°	1749.6	1644.9	1338.0	893.8	464.0	303.3	269.0	260.0	256.4	256.4	256.4
15°	1816.4	1670.2	1202.5	585.0	303.3	252.8	245.6	243.8	240.1	240.1	242.0
17.5°	1872.4	1670.2	1023.8	381.0	249.2	234.7	229.3	227.5	227.5	229.3	227.5
20°	1933.8	1657.6	823.4	287.1	231.1	218.5	214.9	214.9	214.9	216.7	216.7
22.5°	1997.0	1635.9	637.4	245.6	214.9	204.0	202.2	204.0	205.8	207.6	207.6
25°	2067.4	1608.8	503.8	227.5	200.4	191.4	191.4	191.4	193.2	196.8	198.6
27.5°	2145.1	1585.3	431.5	216.7	187.8	178.8	178.8	180.6	184.2	186.0	187.8
30°	2217.3	1585.3	408.1	222.1	182.4	171.5	167.9	169.7	173.3	176.9	176.9
32.5°	2307.6	1603.4	420.7	245.6	180.6	160.7	157.1	157.1	160.7	162.5	162.5
35°	2383.4	1637.7	464.0	278.1	187.8	151.7	144.4	142.6	146.3	144.4	146.3
37.5°	2444.8	1684.6	543.5	321.4	202.2	140.8	131.8	126.4	126.4	126.4	126.4
40°	2462.9	1731.6	644.6	350.3	200.4	128.2	115.6	110.1	108.3	106.5	106.5
42.5°	2437.6	1753.2	725.9	348.5	178.8	119.2	102.9	95.7	90.3	88.5	88.5
45°	2417.7	1764.1	754.7	303.3	162.5	108.3	92.1	83.1	77.6	75.8	74.0
47.5°	2419.5	1774.9	711.4	247.4	148.1	99.3	83.1	74.0	68.6	66.8	65.0
50°	2426.7	1756.9	603.1	205.8	135.4	90.3	74.0	66.8	61.4	59.6	57.8
52.5°	2350.9	1661.2	424.3	180.6	124.6	84.9	66.8	61.4	56.0	54.2	54.2
55°	2152.3	1431.8	287.1	160.7	115.6	77.6	61.4	57.8	52.4	48.8	48.8
57.5°	1834.5	1079.8	198.6	146.3	101.1	70.4	57.8	52.4	46.9	43.3	43.3
60°	1403.0	704.2	144.4	133.6	83.1	65.0	54.2	50.6	43.3	39.7	37.9
62.5°	*854.1*	*395.4*	*117.4*	*117.4*	*70.4*	*61.4*	*48.8*	*45.1*	*37.9*	*32.5*	*30.7*
65°	494.7	232.9	95.7	99.3	61.4	56.0	43.3	37.9	30.7	25.3	23.5
67.5°	238.3	135.4	75.8	70.4	54.2	46.9	37.9	32.5	27.1	21.7	19.9
70°	146.3	104.7	57.8	50.6	43.3	36.1	30.7	28.9	23.5	18.1	18.1
72.5°	119.2	84.9	45.1	36.1	32.5	25.3	25.3	23.5	18.1	14.4	12.6
75°	93.9	63.2	34.3	25.3	19.9	19.9	18.1	16.3	14.4	10.8	10.8
77.5°	50.6	43.3	25.3	14.4	10.8	12.6	12.6	10.8	9.0	7.2	7.2
80°	32.5	25.3	14.4	7.2	7.2	7.2	7.2	5.4	5.4	3.6	3.6
82.5°	16.3	12.6	7.2	1.8	3.6	3.6	3.6	3.6	3.6	1.8	1.8
85°	3.6	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

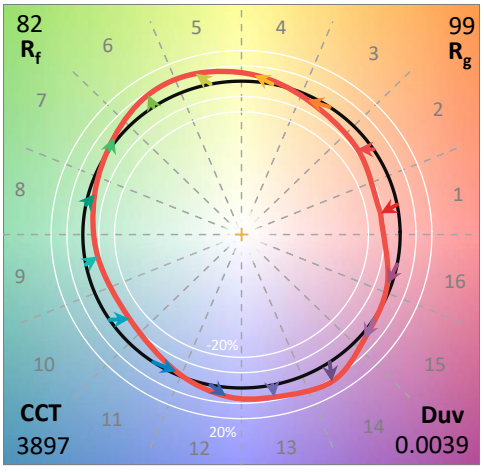
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

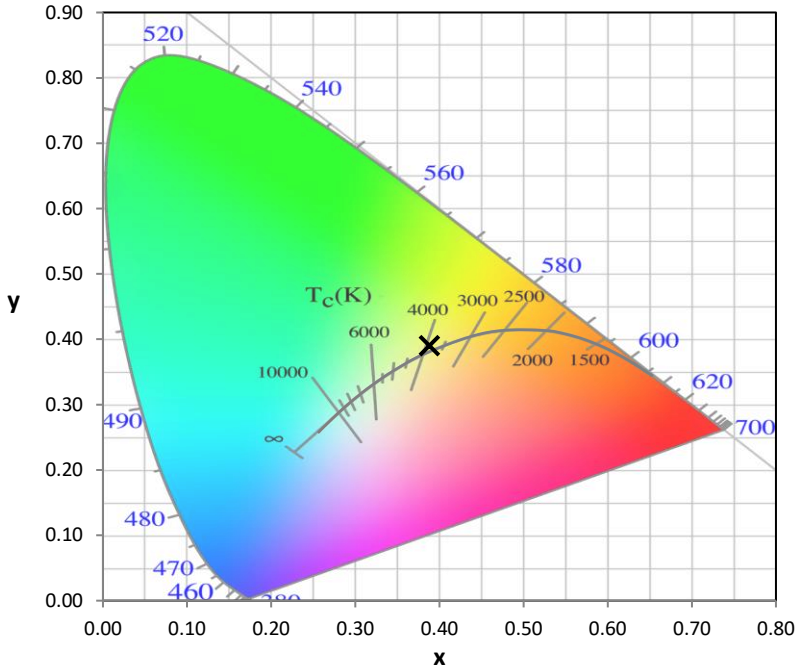
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

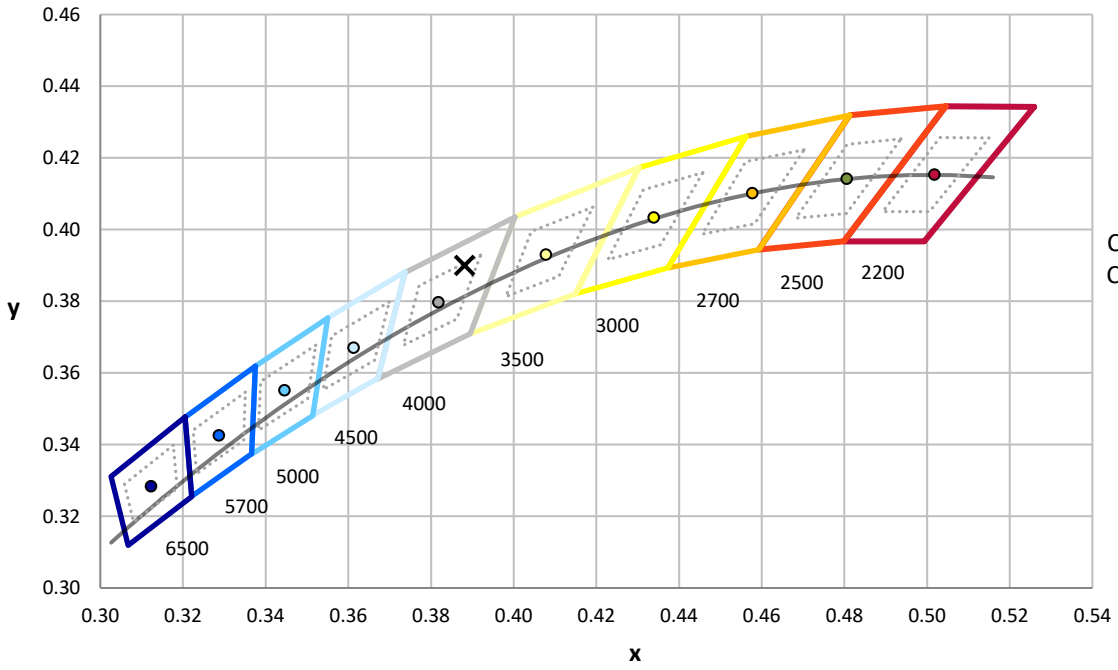
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

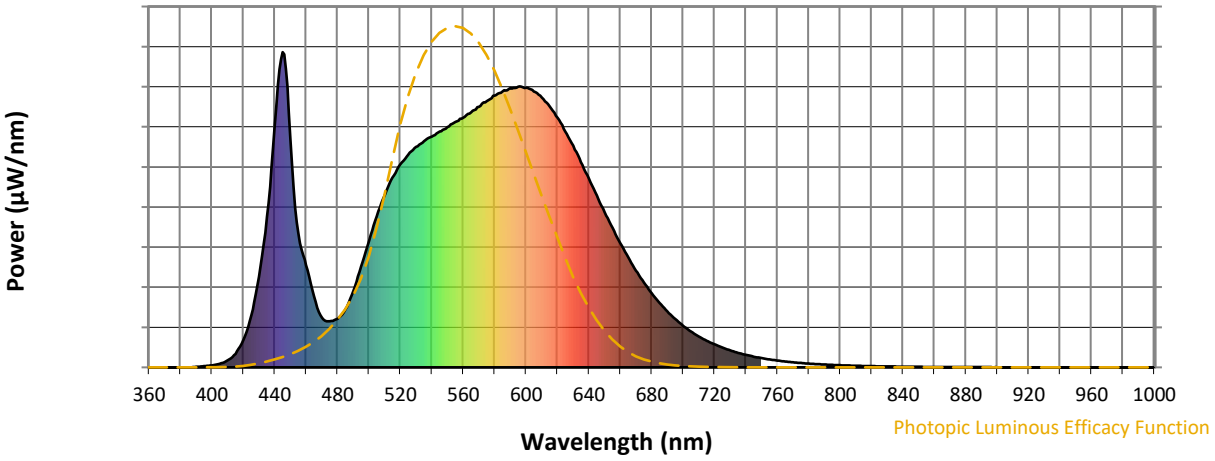


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

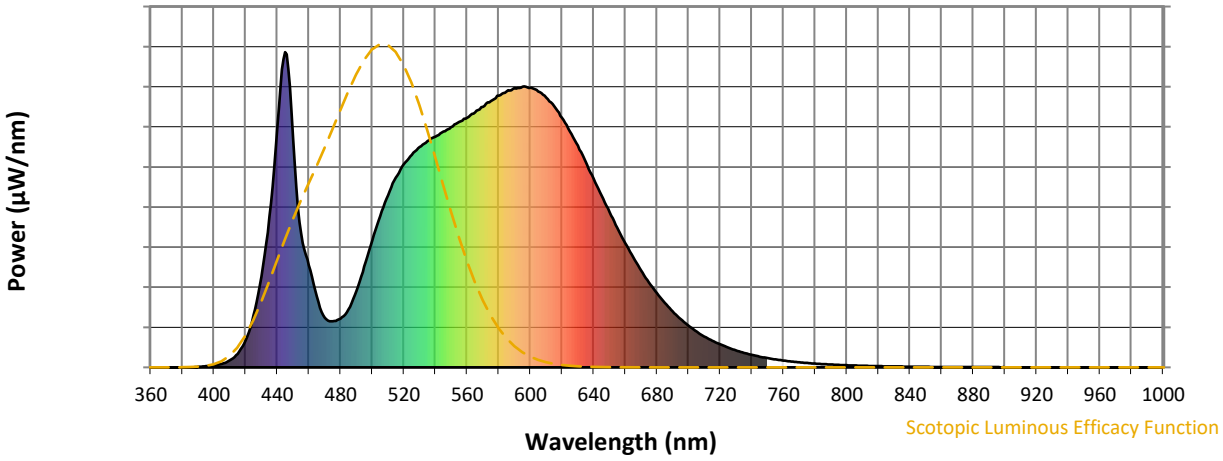


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

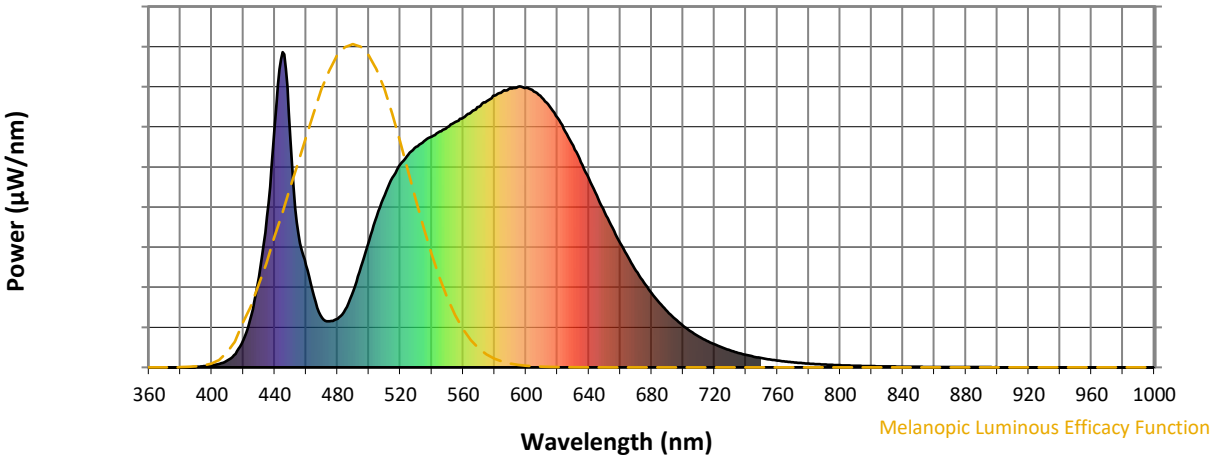


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

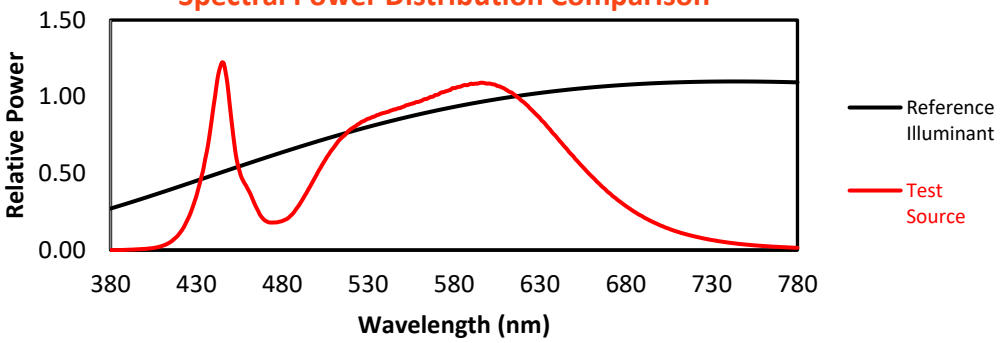
REPORT NUMBER: SP1-2407-184-11

TM-30-18

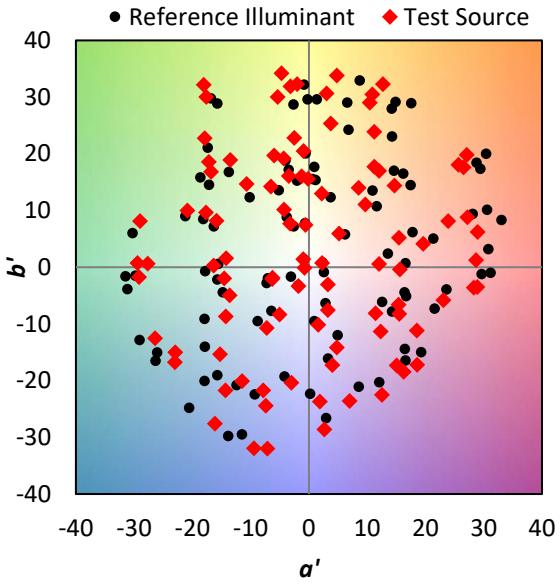
Summary

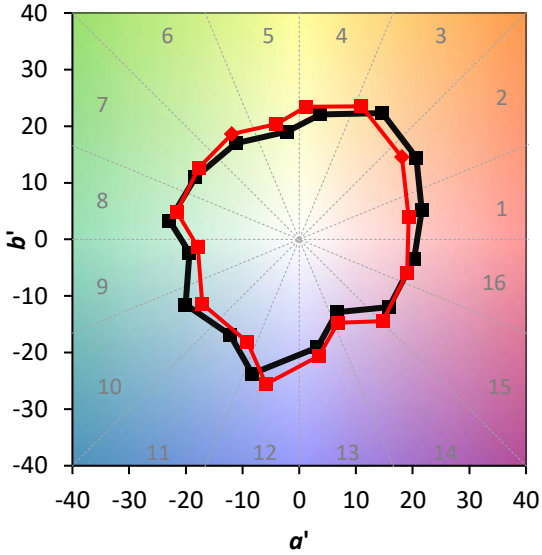
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

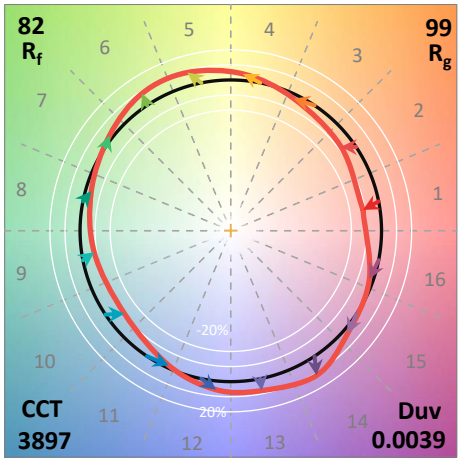
Spectral Power Distribution Comparison

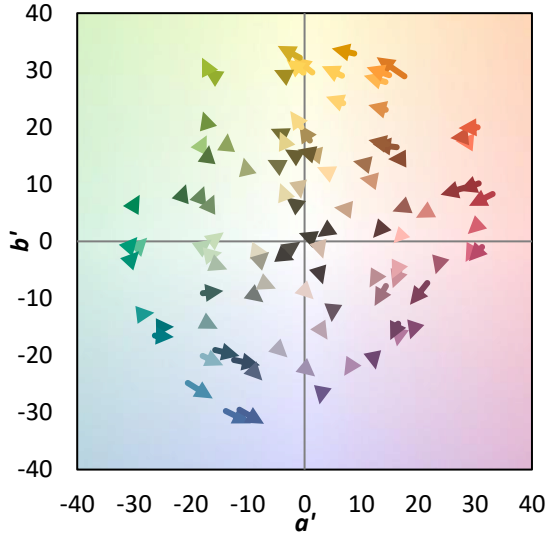


Color Vector Graphics







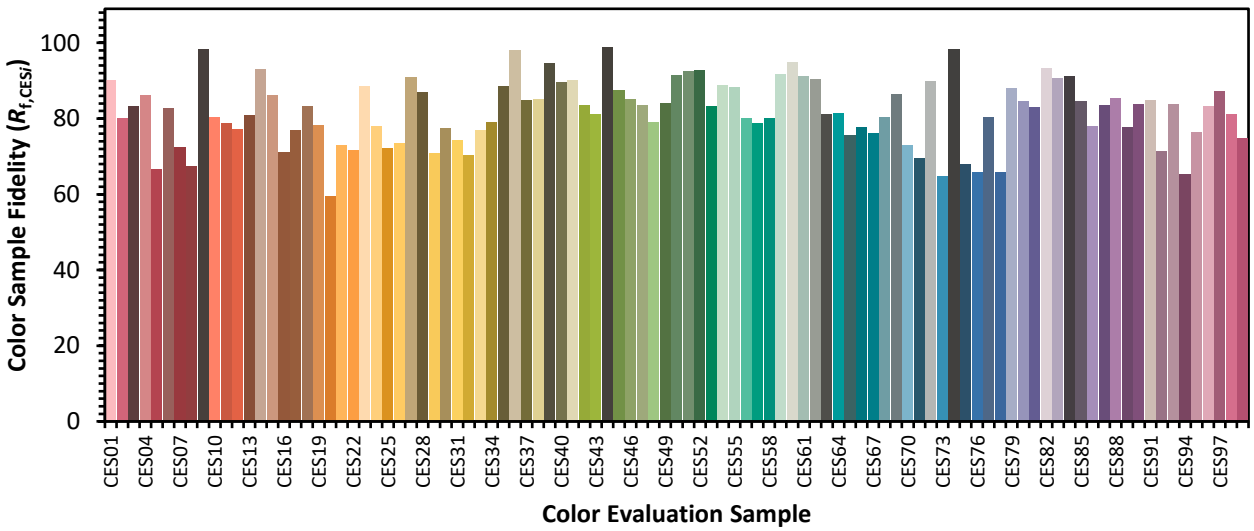


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

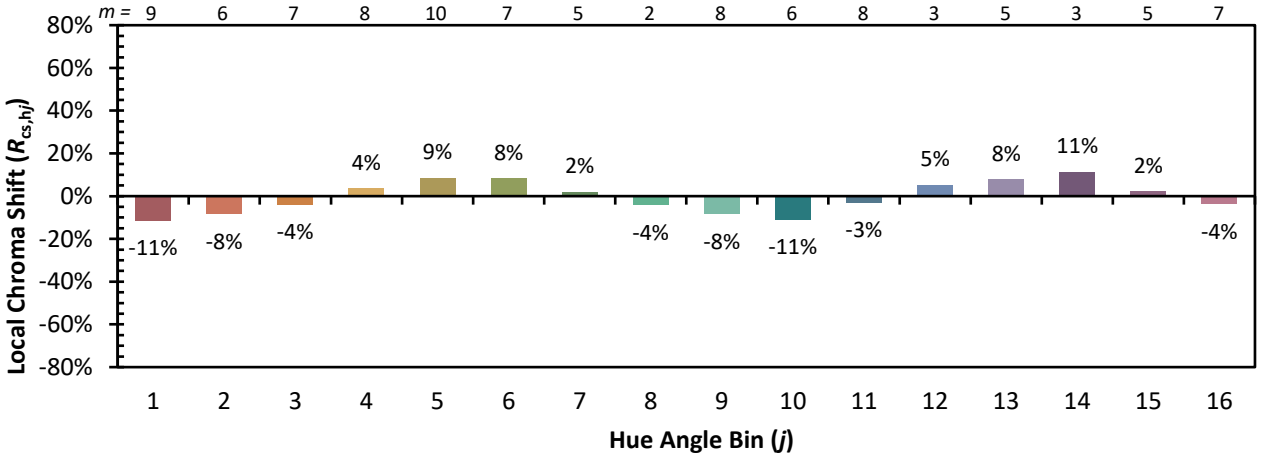
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

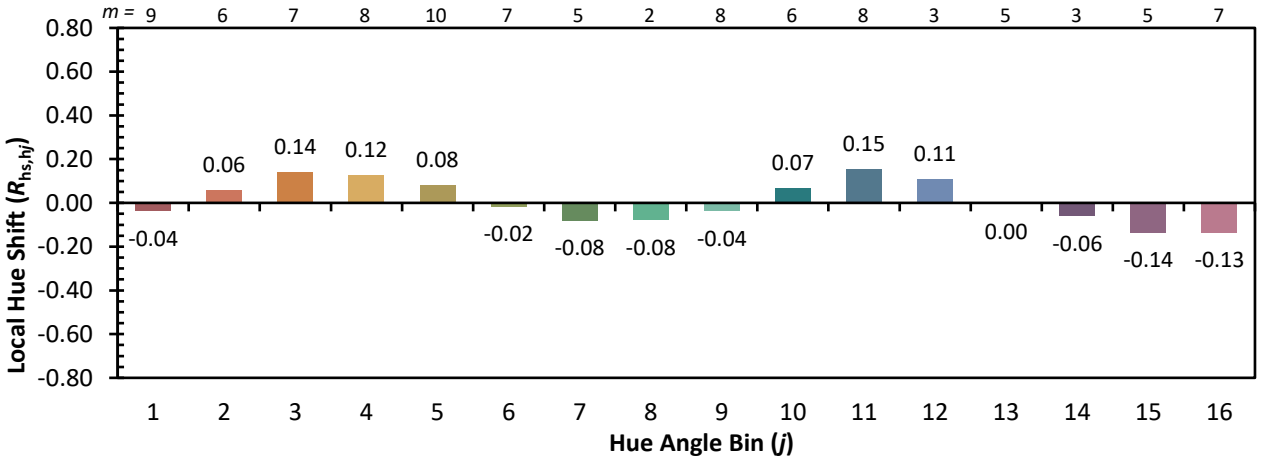


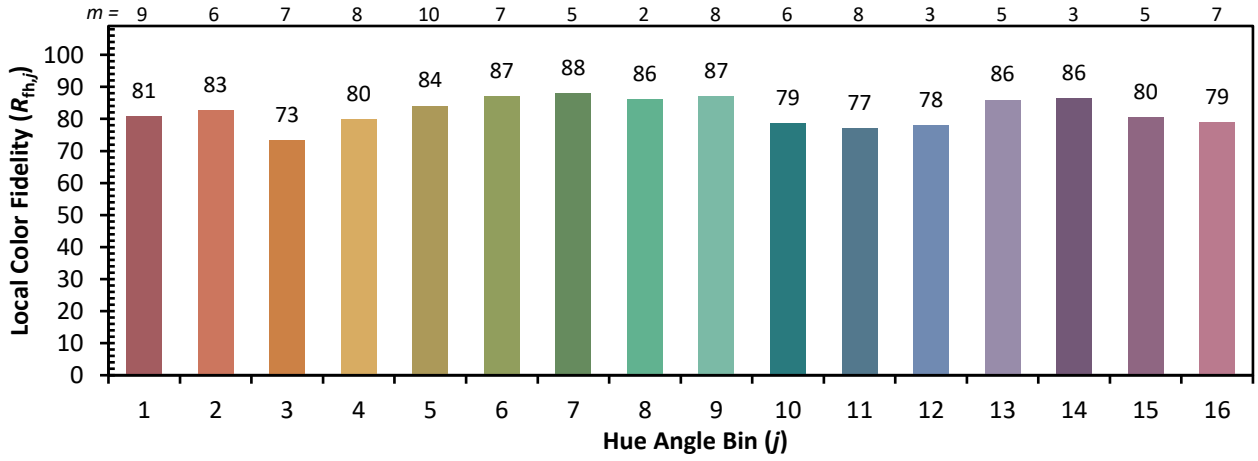
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



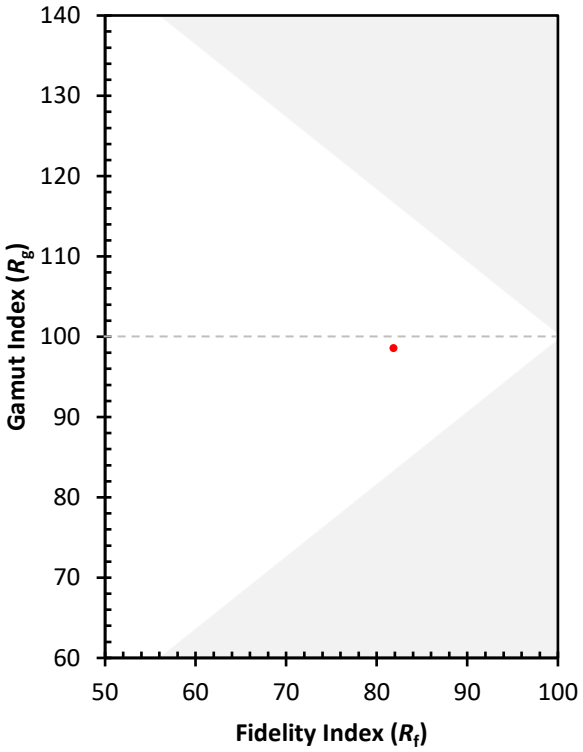


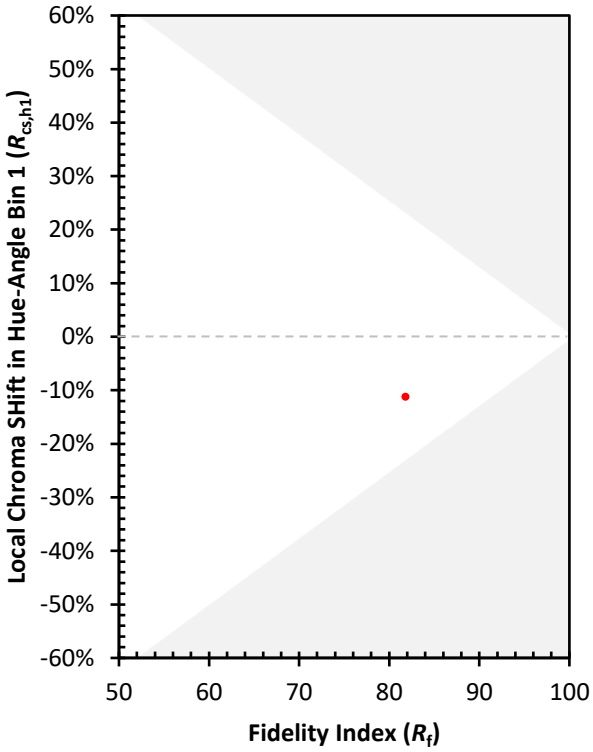


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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