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: P1367611

Luminaire Tested: **GSS-SB4A-722-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:	P1367611
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-722-U-T4W-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10400.7 lumens
Efficiency:	N/A
Efficacy:	91.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

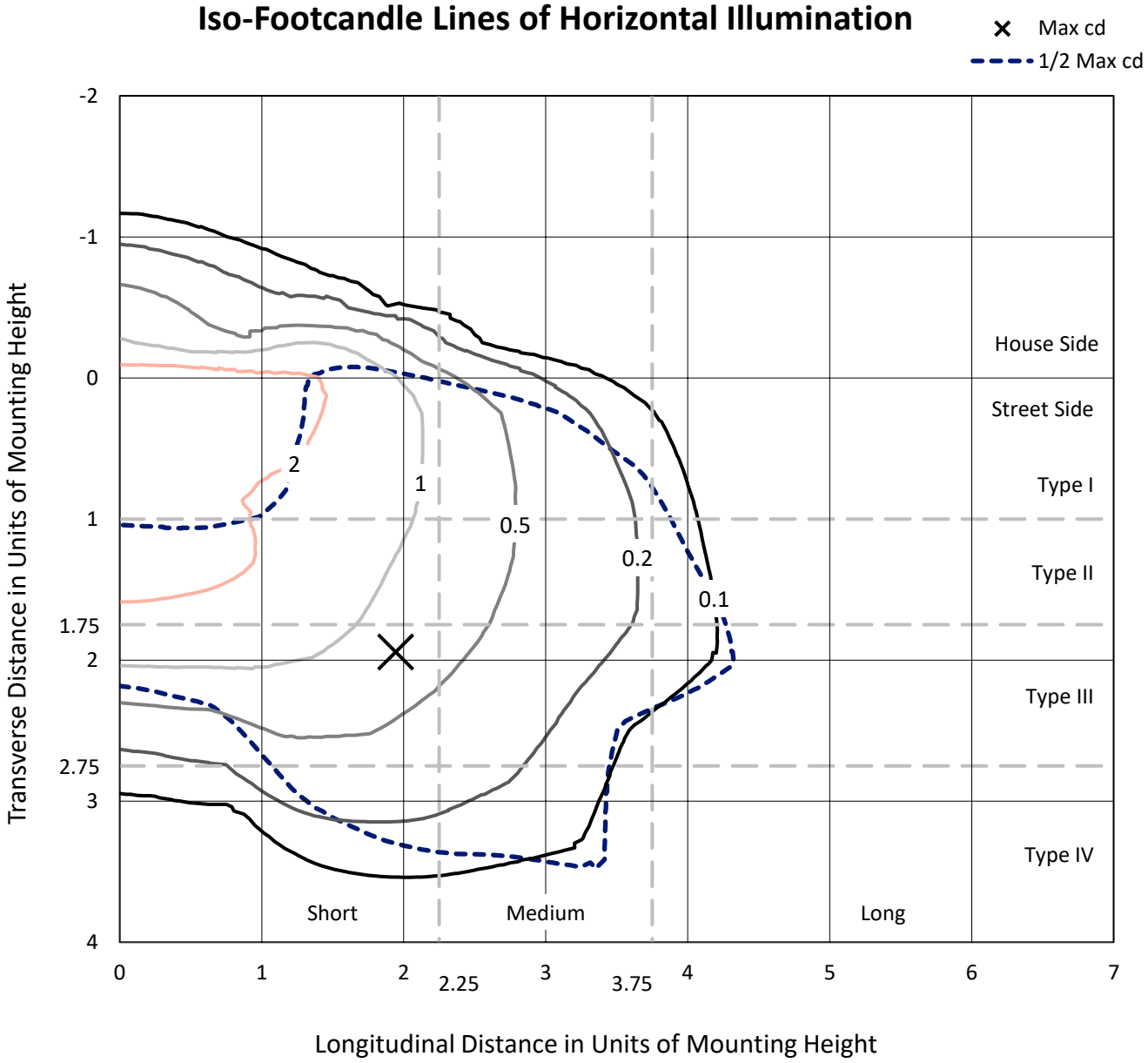
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1367611
CATALOG NUMBER: GSS-SB4A-722-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



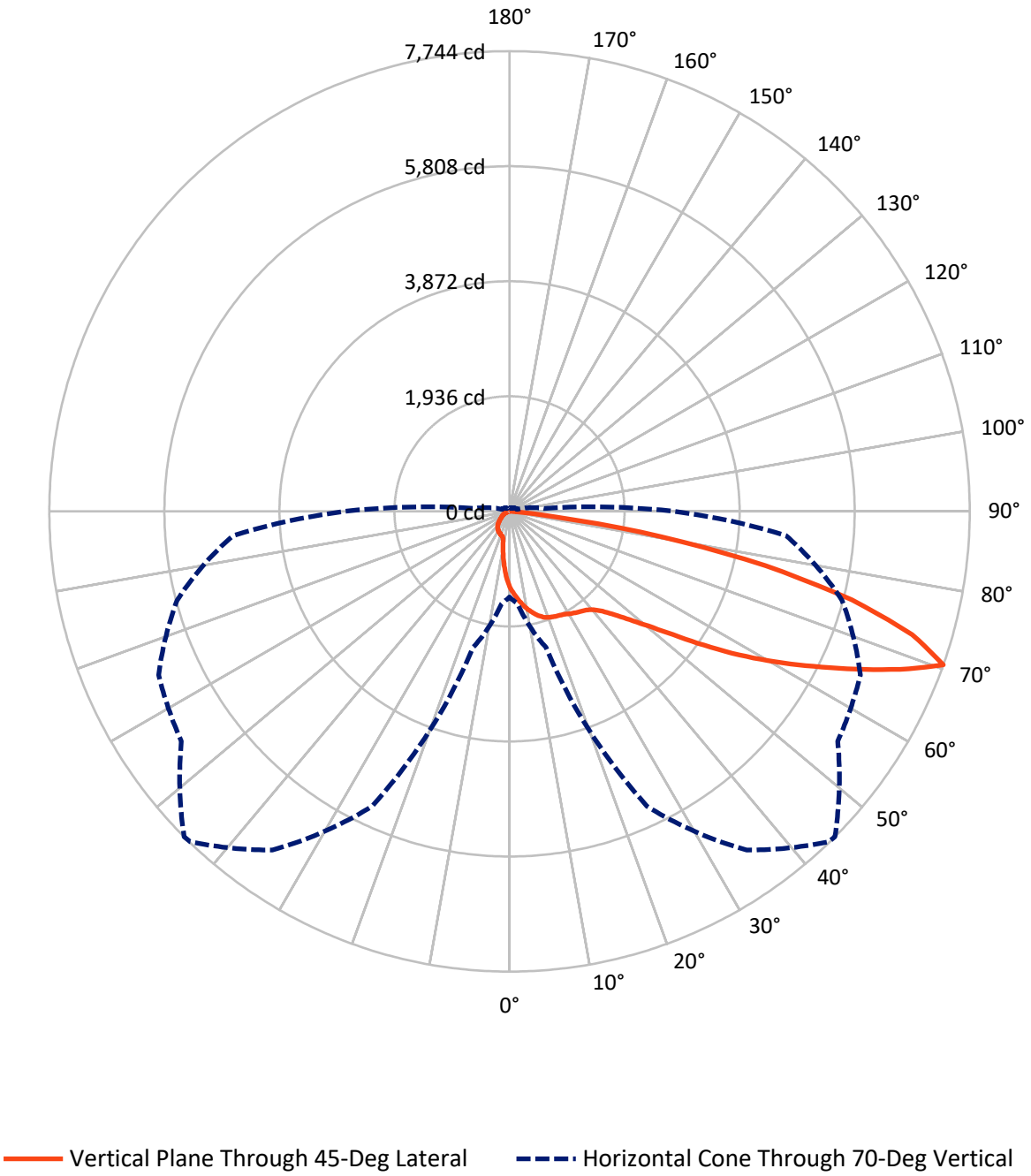
Based on 20 foot mounting height. Maximum calculated value = 4.5 fc
Type IV - Short - N/A

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REPORT NUMBER: P1367611
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Luminous Intensity Polar Plot



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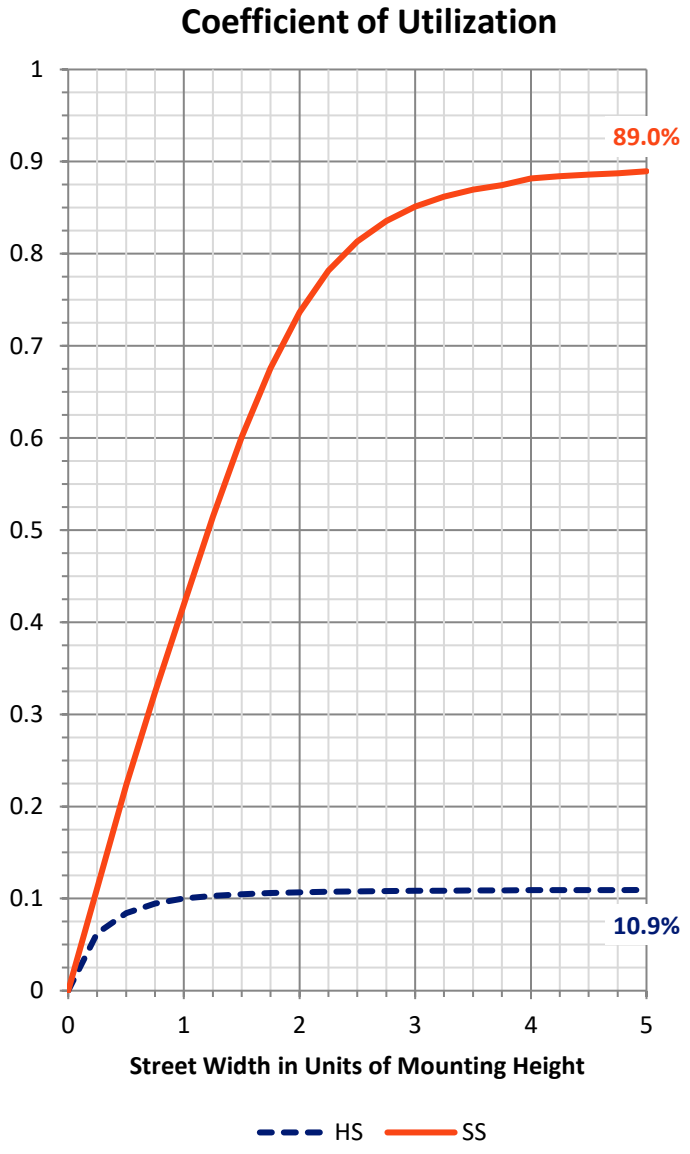
REPORT NUMBER: P1367611
CATALOG NUMBER: GSS-SB4A-722-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1148.6	0.0	1148.6
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	9252.1	0.0	9252.1
	% Fixture	89.0	0.0	89.0
Total	Lumens	10400.7	0.0	10400.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.7	1.1
10°-20°	347.2	3.3
20°-30°	576.4	5.5
30°-40°	817.2	7.9
40°-50°	1296.0	12.5
50°-60°	2282.2	21.9
60°-70°	2958.3	28.4
70°-80°	1889.6	18.2
80°-90°	116.0	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°	10400.7	100.0
0°-180°	10400.7	100.0



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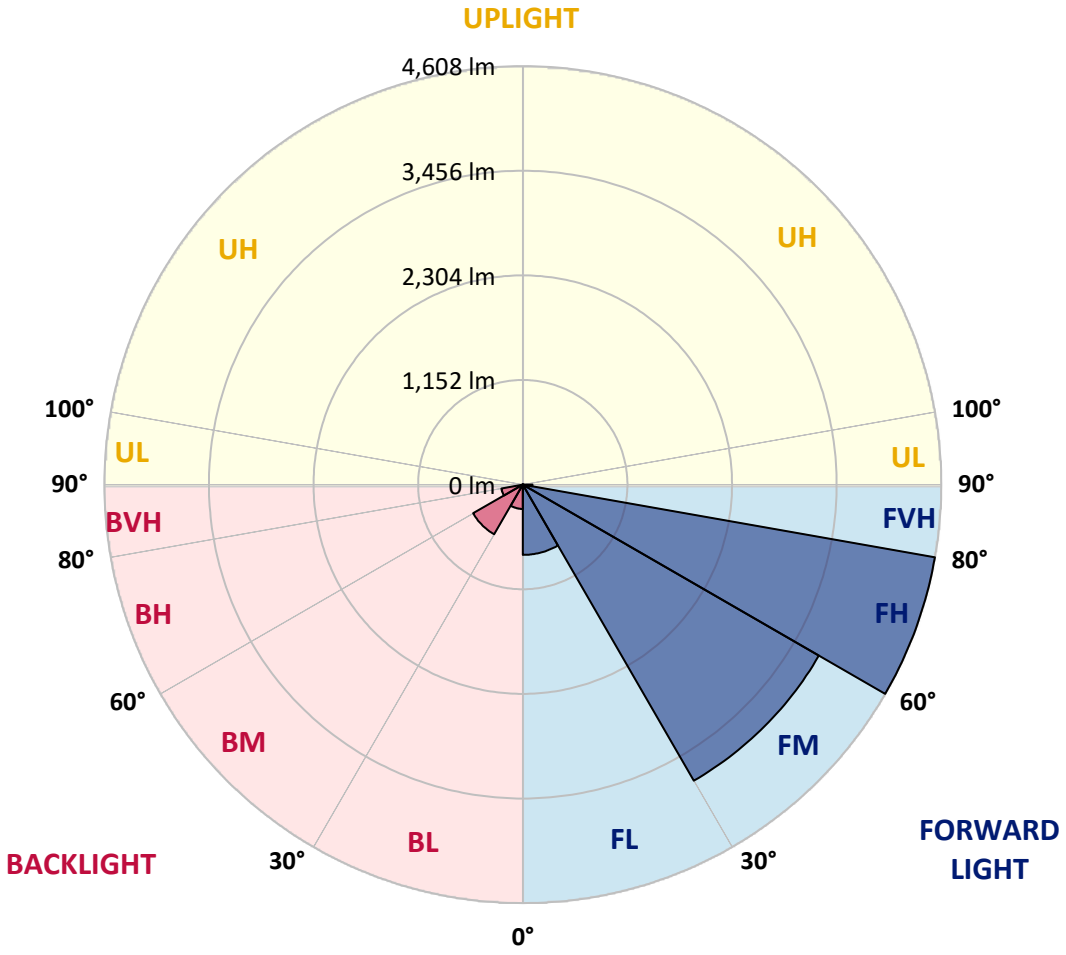
Scaled Data Report

REPORT NUMBER: P1367611
CATALOG NUMBER: GSS-SB4A-722-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	773.8	7.4			
FM	(30°-60°)	3764.1	36.2			
FH	(60°-80°)	4608.3	44.3			G2/5000
FVH	(80°-90°)	105.9	1.0			G2/225
BL	(0°-30°)	267.5	2.6	B1/500		
BM	(30°-60°)	631.2	6.1	B1/1000		
BH	(60°-80°)	239.6	2.3	B1/500		G1/500
BVH	(80°-90°)	10.2	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-G2
Type IV Short



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REPORT NUMBER: P1367611
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	*1285.6*	1285.6	1285.6	1285.6	1285.6
2.5°	1435.9	1435.9	1422.6	1415.9	1405.9	1385.8	*1385.8*	1372.5	1345.7	1325.7	1302.3
5°	1582.8	1576.2	1556.1	1542.8	1516.1	1486.0	*1486.0*	1449.3	1409.2	1379.1	1329.1
7.5°	1703.1	1699.7	1686.4	1663.0	1626.3	1589.5	*1582.8*	1539.4	1482.7	1429.2	1369.1
10°	1819.9	1819.9	1789.9	1763.2	1723.1	1676.3	*1676.3*	1619.6	1552.8	1489.3	1412.5
12.5°	1920.1	1906.8	1883.4	1840.0	1799.9	1753.1	*1749.8*	1693.0	1622.9	1556.1	1466.0
15°	1996.9	1990.2	1960.2	1913.4	1866.7	1819.9	*1819.9*	1759.8	1693.0	1616.2	1519.4
17.5°	2050.3	2047.0	2013.6	1960.2	1910.1	1870.0	*1873.4*	1819.9	1759.8	1679.7	1579.5
20°	2063.7	2053.7	2027.0	1976.9	1936.8	1900.1	*1903.4*	1863.3	1809.9	1746.5	1636.3
22.5°	2043.7	2040.3	2010.3	1970.2	1946.8	1920.1	*1923.5*	1900.1	1866.7	1799.9	1703.1
25°	2020.3	2013.6	1993.6	1960.2	1946.8	1933.5	*1940.1*	1930.1	1916.8	1863.3	1769.8
27.5°	2013.6	2006.9	1983.6	1953.5	1953.5	1953.5	*1960.2*	1973.5	1970.2	1926.8	1836.6
30°	2023.6	2027.0	2003.6	1973.5	1966.9	1986.9	*2000.3*	2030.3	2030.3	1983.6	1910.1
32.5°	2053.7	2050.3	2030.3	1990.2	1986.9	2020.3	*2033.7*	2077.1	2067.0	2030.3	1973.5
35°	2113.8	2113.8	2083.7	2023.6	2010.3	2053.7	*2067.0*	2120.5	2120.5	2087.1	2037.0
37.5°	2224.0	2237.3	2200.6	2103.8	2060.4	2083.7	*2103.8*	2167.2	2190.6	2150.5	2113.8
40°	2421.0	2394.3	2357.6	2224.0	2143.8	2163.9	*2173.9*	2244.0	2277.4	2227.3	2204.0
42.5°	2901.9	2871.8	2711.5	2407.7	2280.8	2284.1	*2294.1*	2360.9	2424.4	2367.6	2347.5
45°	3613.2	3586.4	3316.0	2798.4	2484.5	2467.8	*2481.1*	2537.9	2624.7	2584.6	2564.6
47.5°	4157.5	4124.1	3920.4	3372.7	2811.7	2711.5	*2721.6*	2765.0	2911.9	2878.5	2875.2
50°	4421.3	4401.2	4281.0	3990.5	3362.7	3028.8	*3025.4*	3065.5	3265.9	3262.5	3272.5
52.5°	4685.1	4685.1	4591.6	4454.7	4023.9	3466.2	*3446.2*	3409.5	3683.3	3703.3	3810.2
55°	4972.3	4978.9	4975.6	4938.9	4678.4	4037.2	*3973.8*	3843.6	4167.5	4227.6	4357.8
57.5°	5262.8	5276.1	5302.9	5446.4	5373.0	4638.3	*4558.2*	4317.8	4735.2	4721.8	4805.3
60°	5489.9	5503.2	5613.4	5880.6	5940.7	5246.1	*5135.9*	4862.1	5299.5	5222.7	5169.3
62.5°	5352.9	5386.3	5777.0	6241.2	6438.2	5813.8	*5743.6*	5476.5	5857.2	5613.4	5309.5
65°	4074.0	4240.9	5105.8	6311.3	6889.0	6458.3	*6398.2*	6131.0	6237.9	5673.5	5199.3
67.5°	2517.9	2748.3	3686.6	5880.6	7119.4	7159.5	*7092.7*	6615.2	6267.9	5723.6	5072.4
70°	*1442.6*	*1559.5*	*2367.6*	*5473.2*	*6955.8*	*7730.5*	*7743.9*	*6742.1*	*6515.0*	*5793.7*	*4668.4*
72.5°	951.7	985.1	1299.0	4578.2	6742.1	7009.2	*7086.1*	7209.6	6682.0	5473.2	3850.2
75°	434.1	450.8	654.5	2928.6	5129.2	6024.1	*5950.7*	6004.1	6344.7	4781.9	2825.1
77.5°	136.9	156.9	263.8	1115.3	2728.2	4454.7	*4401.2*	3095.6	4701.8	2618.0	884.9
80°	66.8	76.8	156.9	337.3	1008.5	2524.5	*2588.0*	1055.2	1489.3	591.1	180.3
82.5°	30.1	33.4	90.2	160.3	394.0	741.3	*788.1*	344.0	387.4	183.7	66.8
85°	13.4	16.7	36.7	63.4	110.2	120.2	*130.2*	73.5	143.6	103.5	33.4
87.5°	0.0	3.3	3.3	10.0	10.0	13.4	*13.4*	16.7	20.0	23.4	20.0
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: P1367611
CATALOG NUMBER: GSS-SB4A-722-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6
2.5°	1289.0	1272.3	1248.9	1215.5	1192.1	1155.4	1128.7	1108.7	1085.3	1092.0	1095.3
5°	1299.0	1272.3	1208.8	1128.7	1058.6	988.4	938.4	891.6	861.5	858.2	844.8
7.5°	1325.7	1279.0	1172.1	1041.9	918.3	824.8	741.3	677.9	637.8	624.5	617.8
10°	1362.4	1295.7	1128.7	945.0	781.4	654.5	557.7	507.6	487.5	484.2	484.2
12.5°	1402.5	1319.0	1085.3	848.2	647.8	510.9	467.5	460.8	460.8	464.2	464.2
15°	1449.3	1335.7	1035.2	734.7	517.6	450.8	447.5	447.5	447.5	454.1	450.8
17.5°	1496.0	1359.1	975.1	621.1	447.5	434.1	434.1	434.1	434.1	440.8	437.5
20°	1546.1	1375.8	911.6	517.6	427.4	424.1	424.1	420.8	420.8	427.4	427.4
22.5°	1602.9	1389.2	841.5	447.5	417.4	410.7	410.7	410.7	407.4	414.1	414.1
25°	1659.6	1409.2	761.4	410.7	404.1	400.7	397.4	397.4	394.0	400.7	397.4
27.5°	1723.1	1432.6	684.6	397.4	394.0	390.7	387.4	384.0	380.7	387.4	384.0
30°	1796.6	1455.9	611.1	390.7	384.0	380.7	374.0	370.7	364.0	370.7	370.7
32.5°	1863.3	1479.3	554.3	387.4	377.3	364.0	354.0	347.3	344.0	350.6	354.0
35°	1933.5	1516.1	524.3	394.0	370.7	350.6	333.9	323.9	320.6	327.3	330.6
37.5°	2017.0	1559.5	517.6	407.4	364.0	333.9	310.6	293.9	290.5	297.2	300.5
40°	2133.8	1619.6	531.0	414.1	354.0	313.9	280.5	263.8	253.8	253.8	257.1
42.5°	2284.1	1746.5	541.0	420.8	337.3	290.5	253.8	230.4	213.7	213.7	217.1
45°	2514.5	1956.8	591.1	414.1	320.6	260.5	223.7	193.7	180.3	180.3	183.7
47.5°	2825.1	2250.7	731.3	400.7	297.2	233.8	193.7	167.0	156.9	156.9	156.9
50°	3235.8	2618.0	881.6	377.3	270.5	207.0	167.0	150.3	143.6	140.3	136.9
52.5°	3726.7	3005.4	988.4	354.0	247.1	183.7	150.3	136.9	130.2	126.9	126.9
55°	4200.9	3279.2	1025.2	330.6	223.7	163.6	140.3	130.2	123.6	120.2	120.2
57.5°	4488.1	3332.6	874.9	303.9	200.4	150.3	126.9	120.2	113.5	110.2	110.2
60°	4554.8	3102.2	617.8	267.1	173.6	133.6	116.9	110.2	103.5	96.8	96.8
62.5°	4317.8	2564.6	430.8	217.1	153.6	120.2	106.9	100.2	90.2	83.5	80.1
65°	3840.2	1873.4	303.9	170.3	133.6	106.9	93.5	86.8	76.8	66.8	63.4
67.5°	3352.7	1135.4	197.0	140.3	116.9	86.8	80.1	76.8	66.8	56.8	56.8
70°	*2775.0*	*581.0*	*136.9*	*113.5*	*96.8*	*70.1*	*66.8*	*66.8*	*60.1*	*50.1*	*50.1*
72.5°	2140.5	213.7	93.5	90.2	73.5	53.4	60.1	56.8	50.1	43.4	43.4
75°	1452.6	103.5	70.1	63.4	50.1	43.4	46.8	46.8	43.4	36.7	33.4
77.5°	460.8	66.8	53.4	50.1	40.1	36.7	40.1	40.1	33.4	30.1	26.7
80°	116.9	46.8	43.4	36.7	30.1	30.1	33.4	26.7	26.7	23.4	23.4
82.5°	50.1	33.4	30.1	26.7	23.4	23.4	23.4	23.4	20.0	20.0	20.0
85°	26.7	23.4	20.0	20.0	20.0	16.7	16.7	20.0	16.7	16.7	16.7
87.5°	16.7	16.7	13.4	10.0	10.0	13.4	13.4	13.4	13.4	13.4	13.4
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

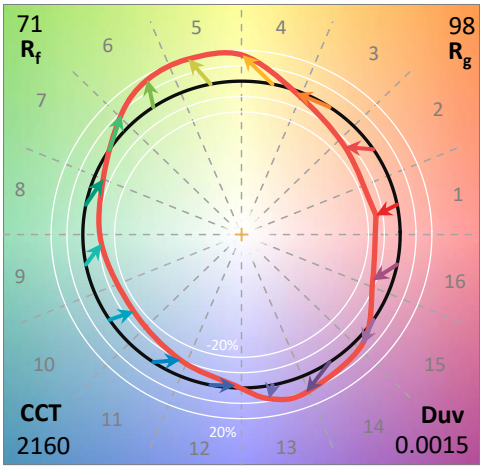
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

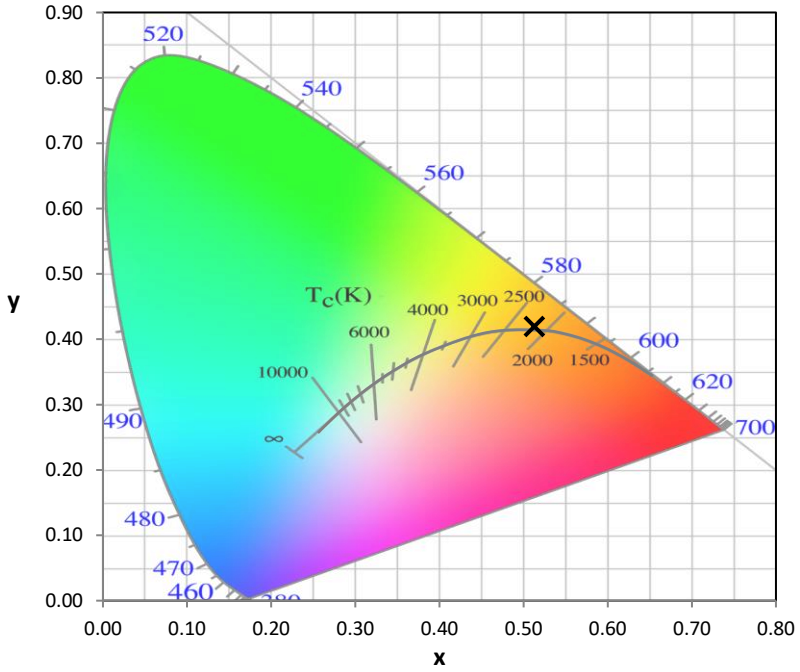
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

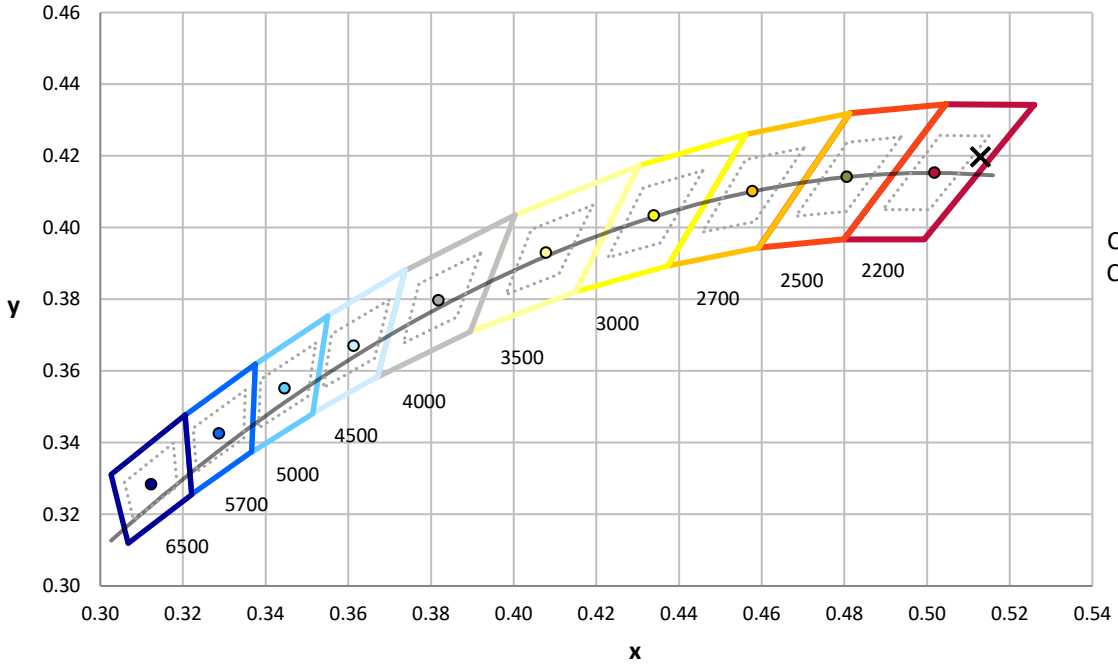
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

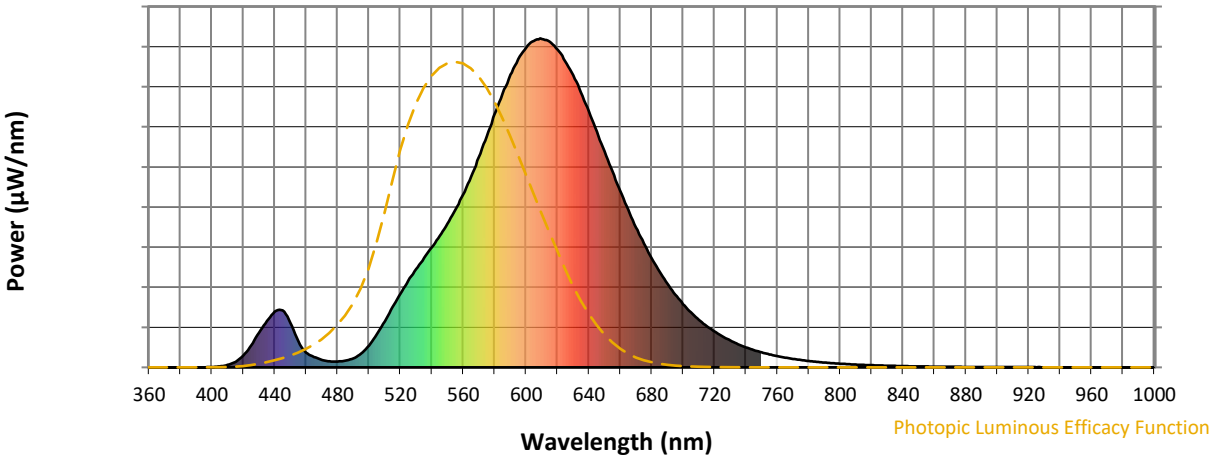


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

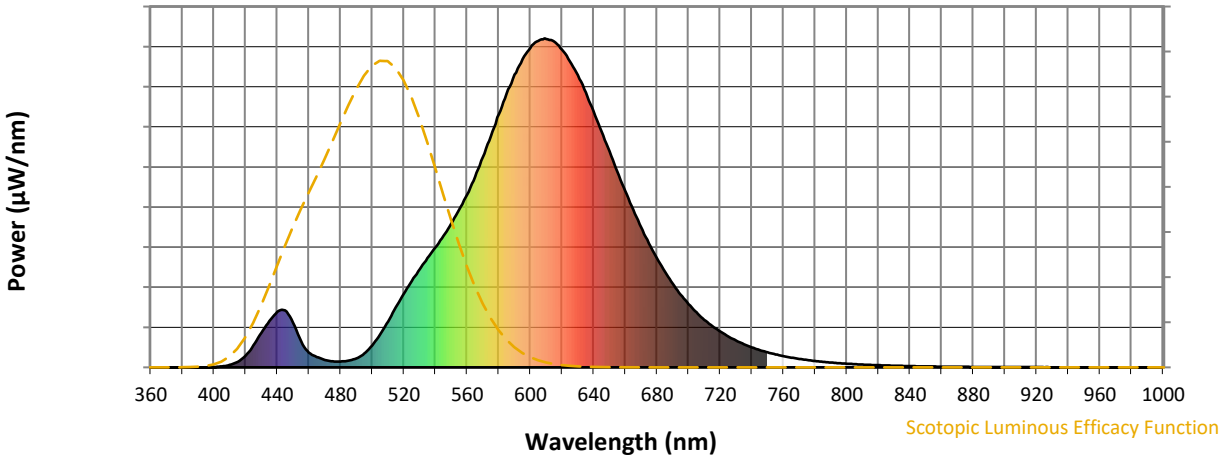


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

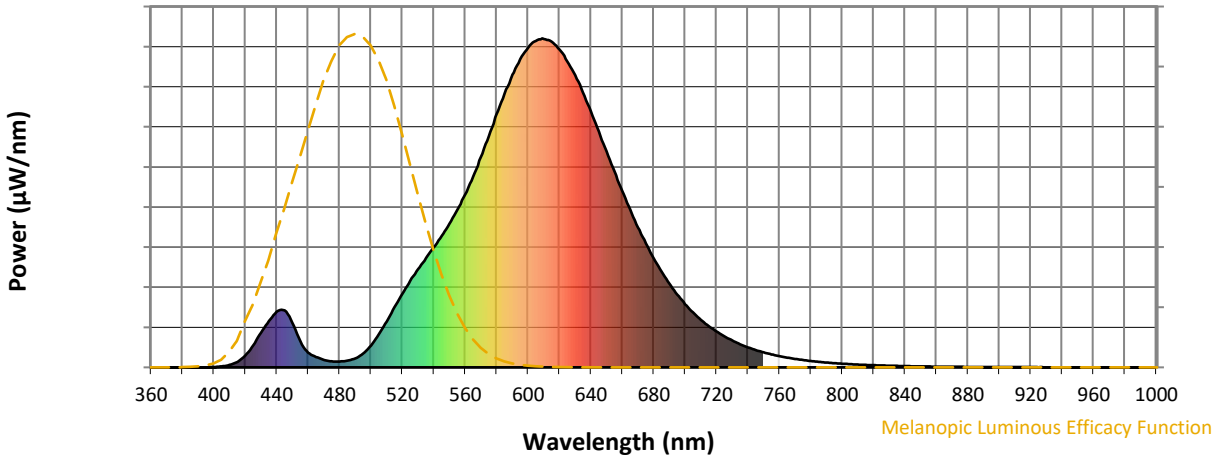


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

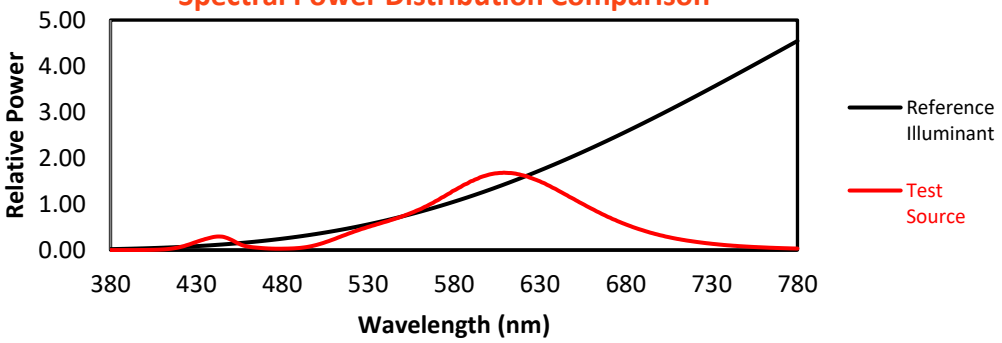
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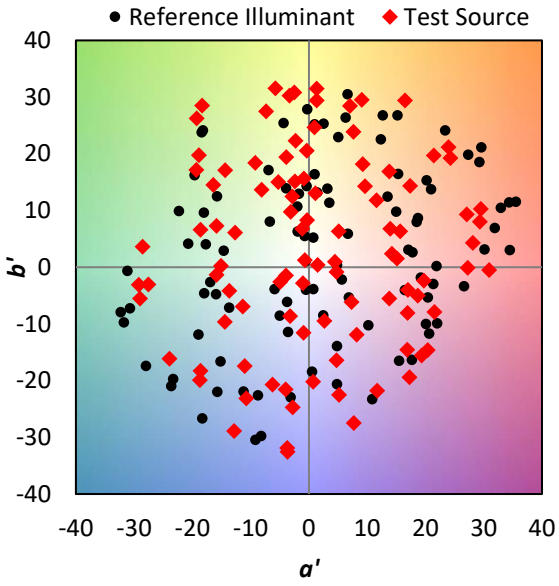
Summary

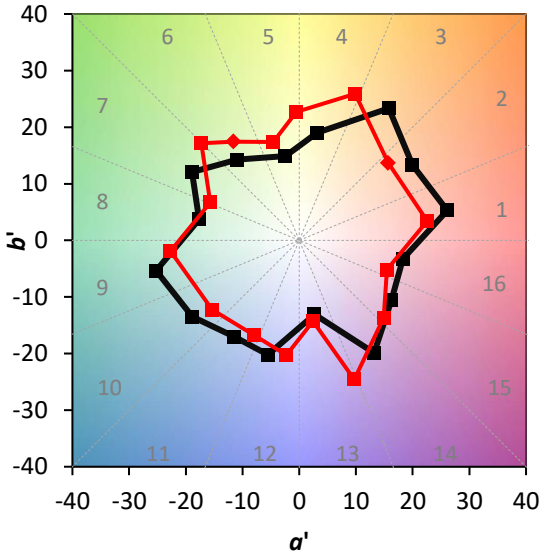
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

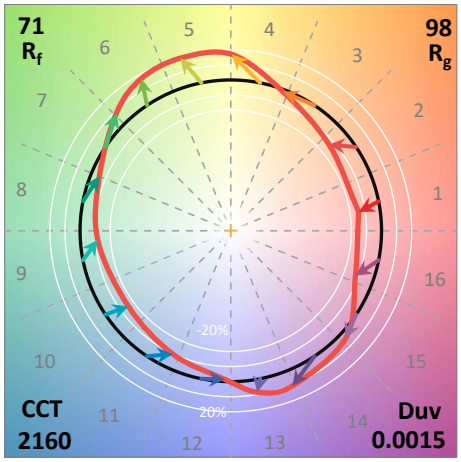
Spectral Power Distribution Comparison

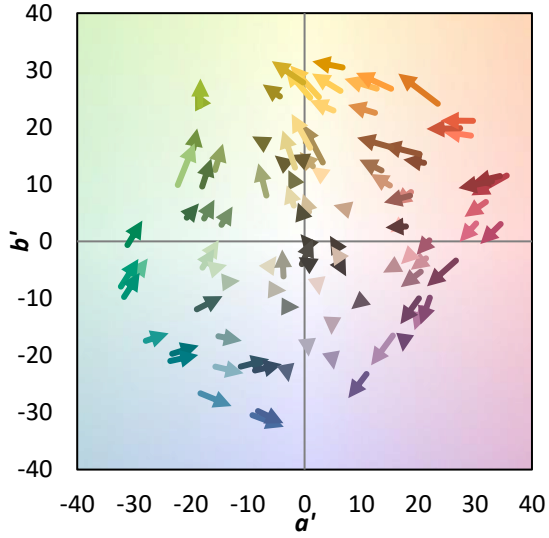


Color Vector Graphics







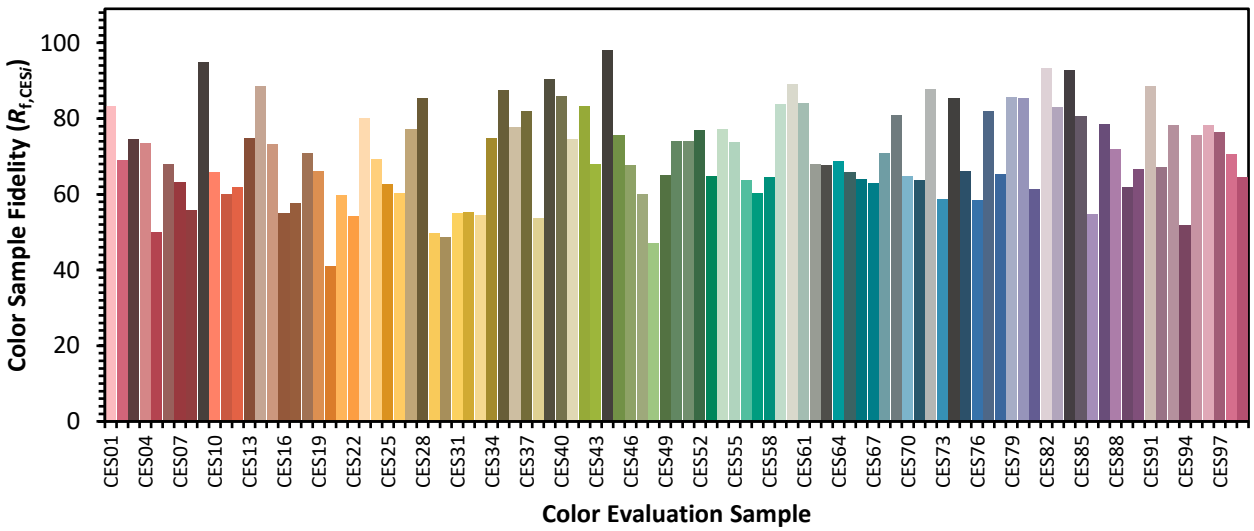


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Individual Sample Fidelity Index ($R_{f,i}$)

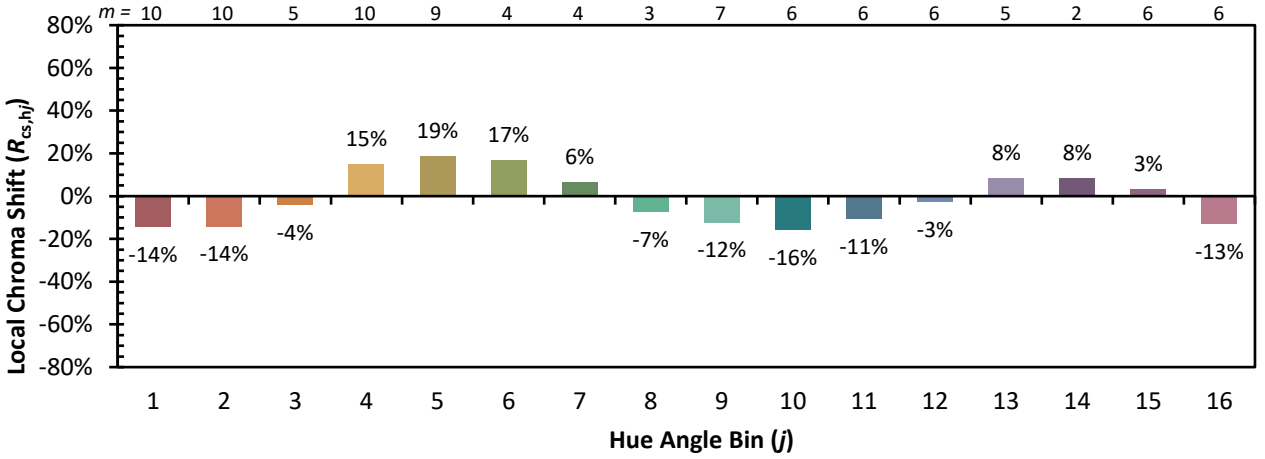
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

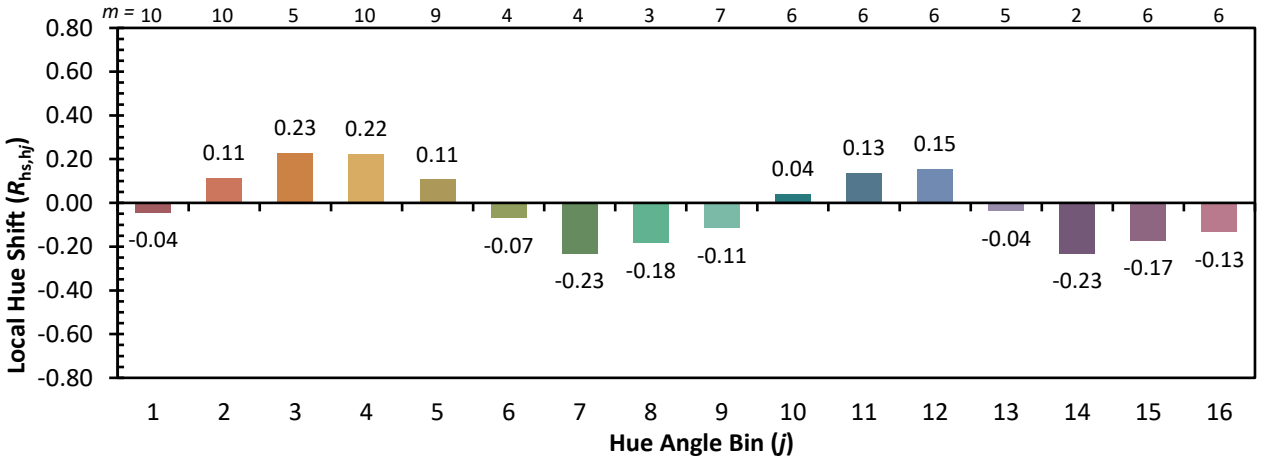


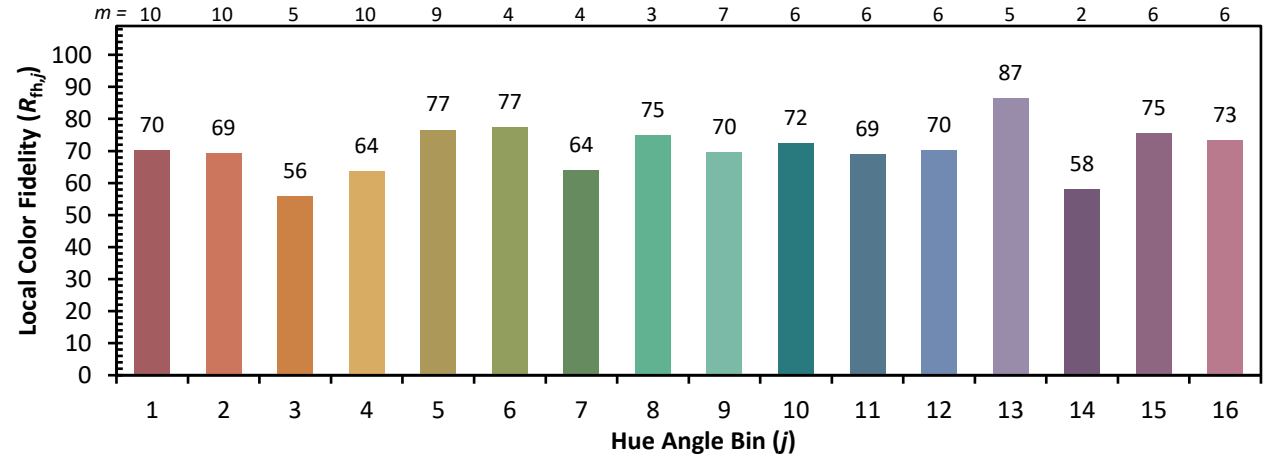
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Color Rendition by Hue-Angle Bin



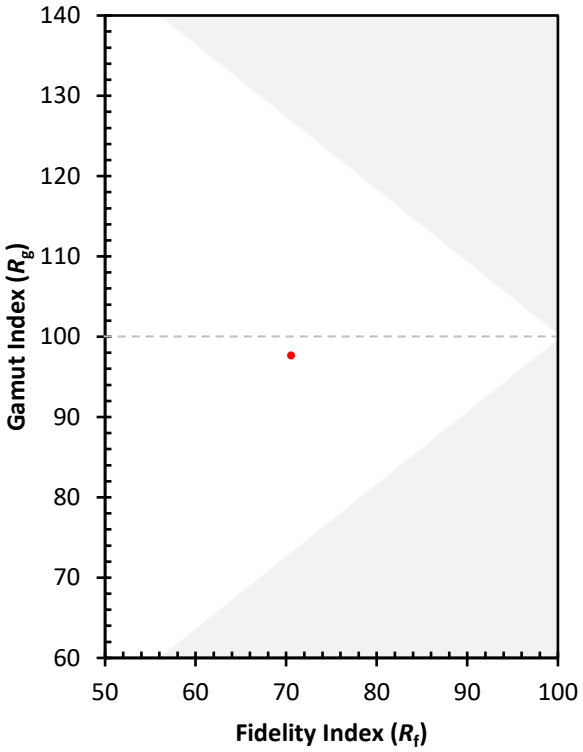


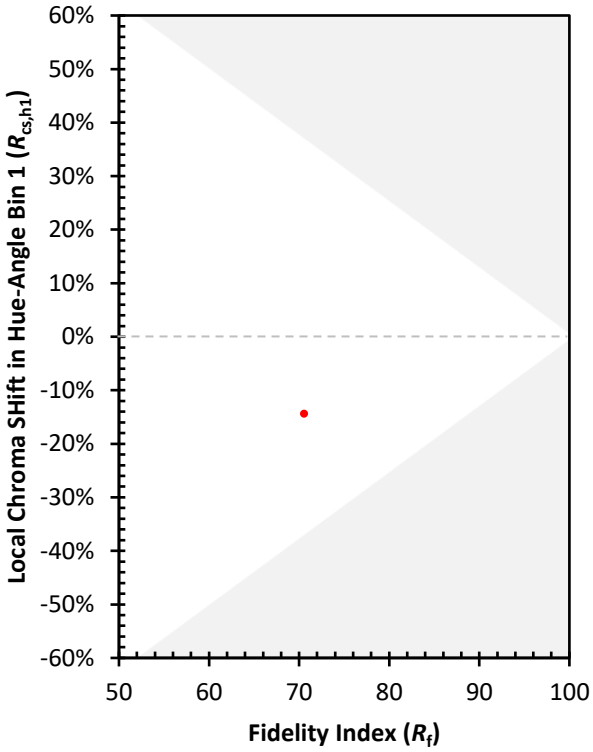


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Measure Comparisons





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