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: P1358011

Luminaire Tested: **GSS-SB4A-722-U-T4FT-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:	P1358011
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-722-U-T4FT-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ TYPE IV FORWARD THROW 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:	9969.3 lumens
Efficiency:	N/A
Efficacy:	87.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

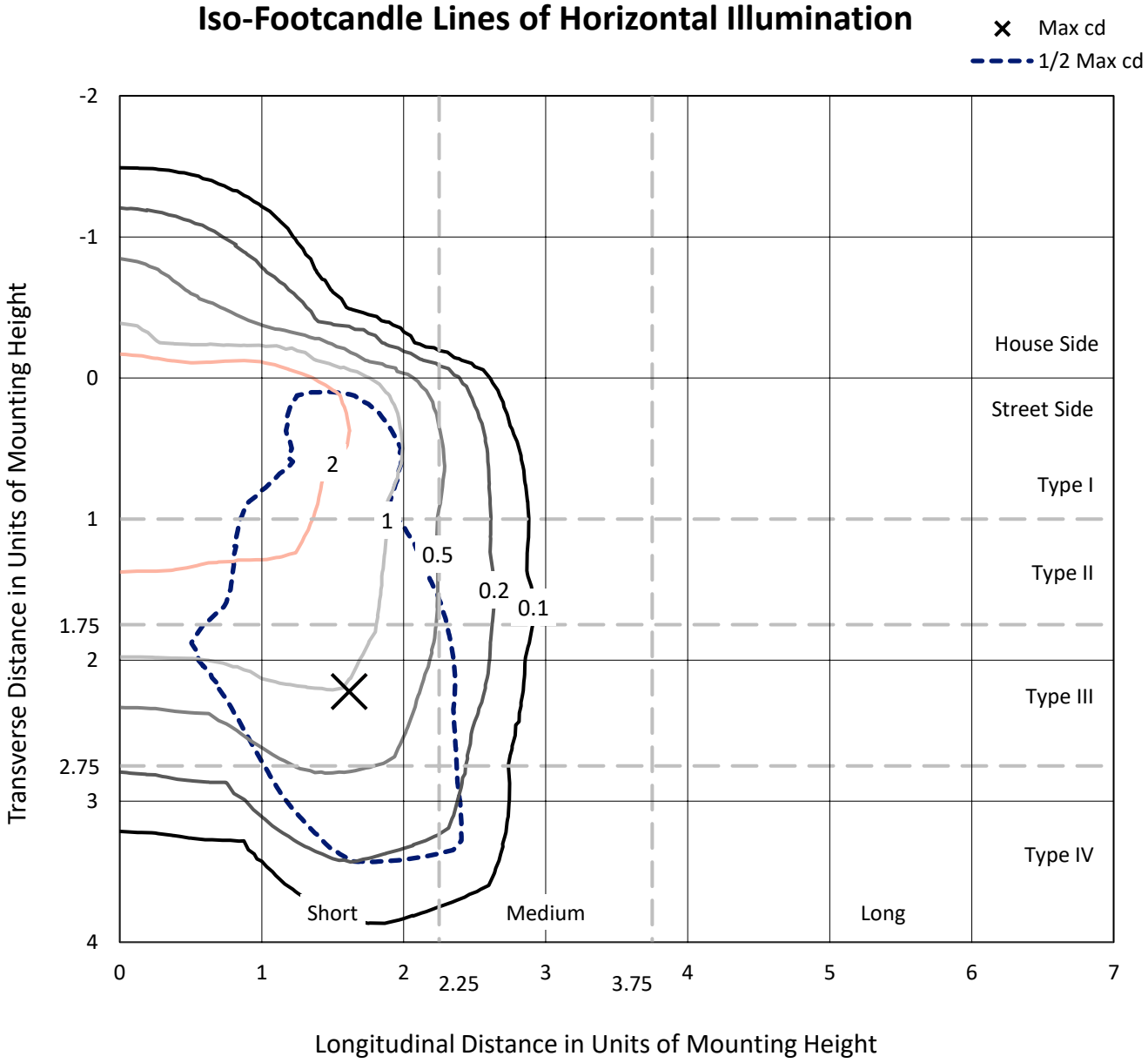
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1358011
CATALOG NUMBER: GSS-SB4A-722-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



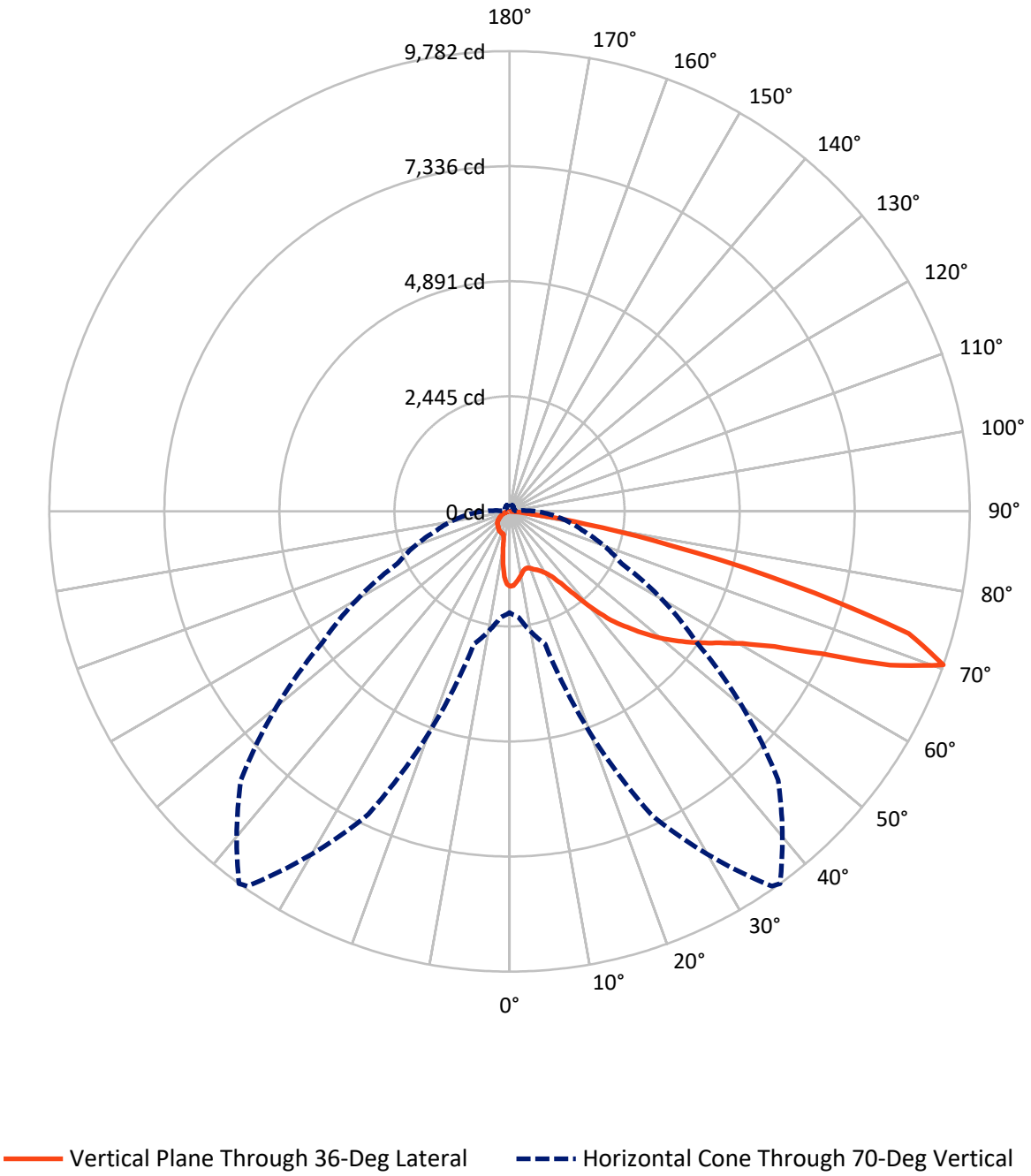
Based on 20 foot mounting height. Maximum calculated value = 4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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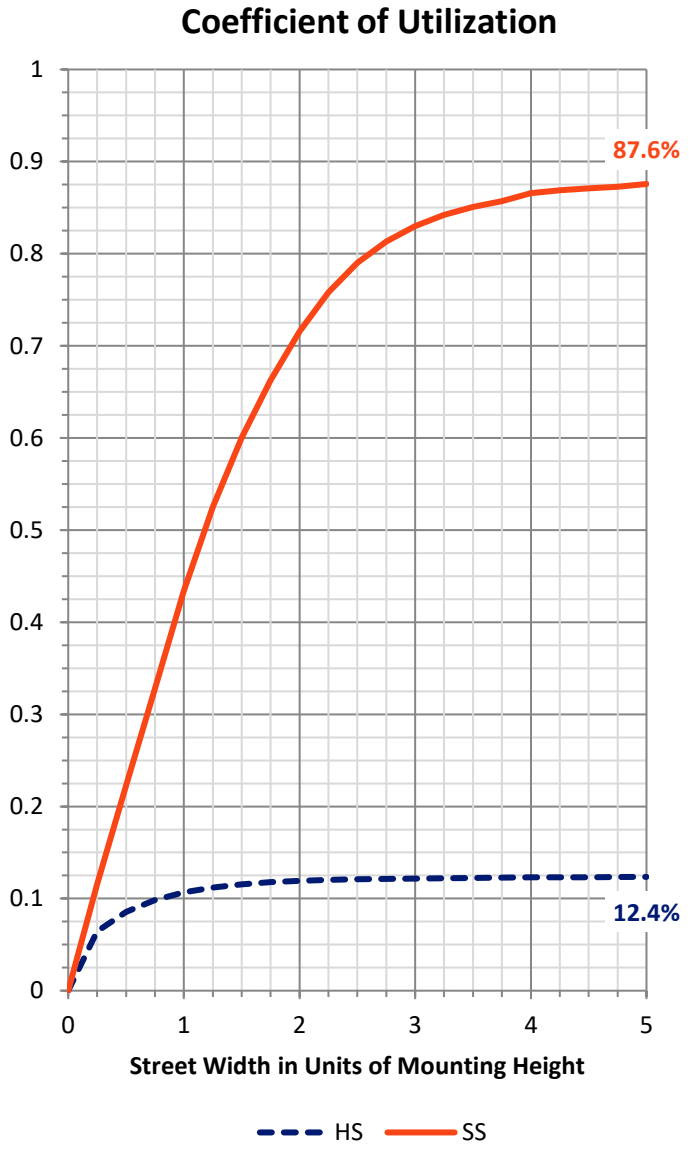
REPORT NUMBER: P1358011
CATALOG NUMBER: GSS-SB4A-722-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1241.8	0.0	1241.8
	% Fixture	12.5	0.0	12.5
Street Side	Lumens	8727.5	0.0	8727.5
	% Fixture	87.5	0.0	87.5
Total	Lumens	9969.3	0.0	9969.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.4	1.3
10°-20°	317.8	3.2
20°-30°	519.1	5.2
30°-40°	927.7	9.3
40°-50°	1661.0	16.7
50°-60°	2412.1	24.2
60°-70°	2690.2	27.0
70°-80°	1238.3	12.4
80°-90°	68.8	0.7
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°	9969.3	100.0
0°-180°	9969.3	100.0



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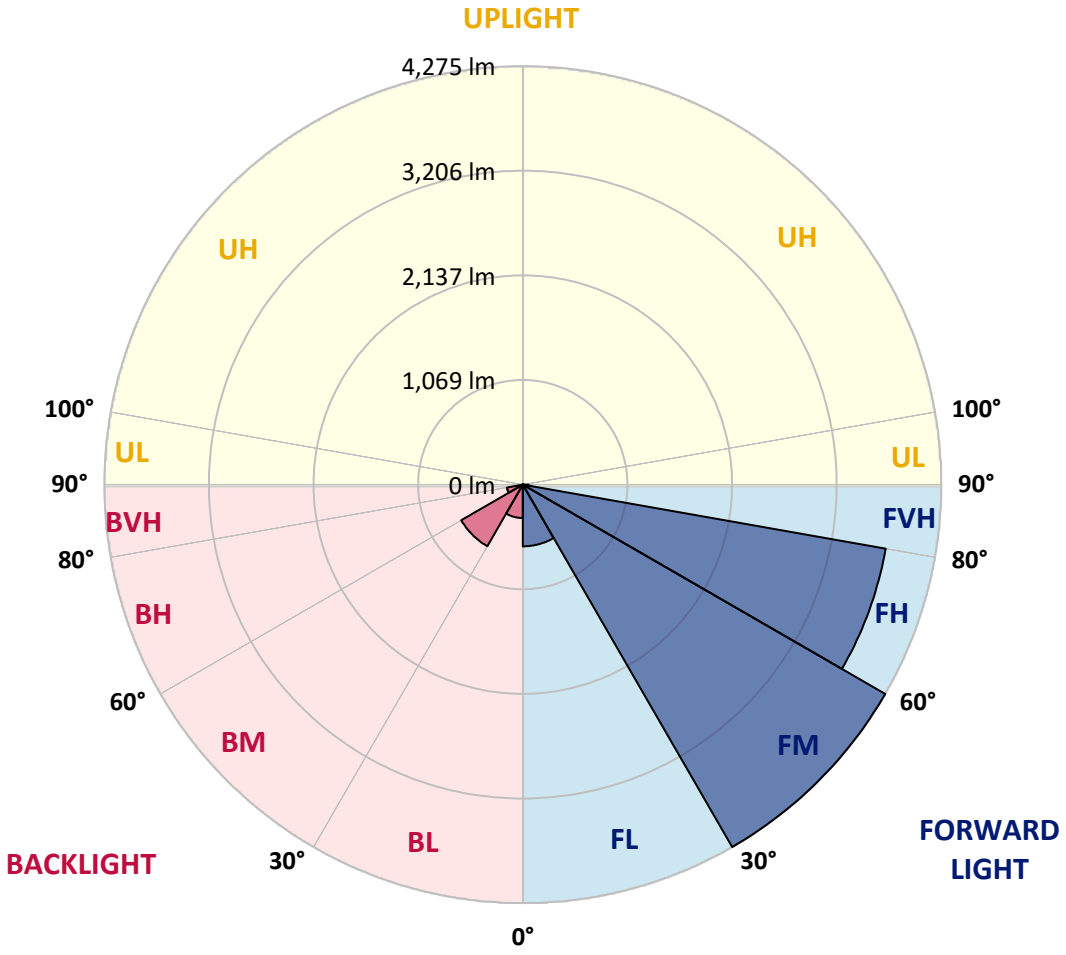
Scaled Data Report

REPORT NUMBER: P1358011
CATALOG NUMBER: GSS-SB4A-722-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	630.1	6.3			
FM	(30°-60°)	4274.9	42.9			
FH	(60°-80°)	3763.8	37.8			G2/5000
FVH	(80°-90°)	58.8	0.6			G1/100
BL	(0°-30°)	341.2	3.4	B1/500		
BM	(30°-60°)	726.0	7.3	B1/1000		
BH	(60°-80°)	164.7	1.7	B1/500		G1/500
BVH	(80°-90°)	10.0	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1592.8	1592.8	1592.8	1592.8	1592.8	*1592.8*	1592.8	1592.8	1592.8	1592.8	1592.8
2.5°	1574.0	1567.7	1567.7	1574.0	1589.6	*1580.3*	1574.0	1583.4	1586.5	1595.9	1599.0
5°	1480.1	1483.2	1473.9	1495.8	1511.4	*1514.5*	1536.4	1564.6	1580.3	1611.5	1614.7
7.5°	1358.1	1370.6	1376.9	1408.1	1439.4	*1442.6*	1483.2	1527.1	1574.0	1617.8	1639.7
10°	1261.1	1264.2	1270.5	1304.9	1361.2	*1367.5*	1423.8	1495.8	1564.6	1636.6	1661.6
12.5°	1198.5	1204.7	1204.7	1232.9	1289.2	*1295.5*	1361.2	1458.2	1558.3	1642.8	1689.8
15°	1198.5	1192.2	1192.2	1214.1	1257.9	*1264.2*	1326.8	1430.0	1542.7	1661.6	1736.7
17.5°	1204.7	1207.9	1201.6	1217.3	1254.8	*1261.1*	1317.4	1414.4	1545.8	1689.8	1774.3
20°	1229.8	1229.8	1223.5	1248.6	1283.0	*1292.4*	1339.3	1420.7	1558.3	1730.5	1827.5
22.5°	1264.2	1254.8	1251.7	1279.8	1323.7	*1339.3*	1380.0	1452.0	1577.1	1780.5	1883.8
25°	1314.3	1304.9	1298.6	1329.9	1370.6	*1376.9*	1448.8	1505.1	1627.2	1846.2	1977.7
27.5°	1408.1	1395.6	1364.3	1386.2	1436.3	*1442.6*	1514.5	1583.4	1696.0	1921.3	2084.1
30°	1696.0	1677.3	1586.5	1495.8	1514.5	*1523.9*	1595.9	1683.5	1789.9	2037.1	2243.6
32.5°	2037.1	2043.4	1927.6	1755.5	1642.8	*1646.0*	1692.9	1814.9	1927.6	2199.8	2440.8
35°	2475.2	2456.4	2300.0	2099.7	1886.9	*1877.5*	1865.0	1999.6	2127.9	2403.2	2688.0
37.5°	2894.5	2888.3	2760.0	2509.6	2262.4	*2224.9*	2137.2	2243.6	2362.6	2659.8	2963.4
40°	3207.4	3176.1	3101.0	2935.2	2725.5	*2703.6*	2519.0	2544.0	2656.7	3004.0	3251.2
42.5°	3410.8	3404.6	3317.0	3266.9	3169.9	*3160.5*	2941.5	2954.0	3016.6	3395.2	3589.2
45°	3611.1	3595.5	3520.4	3489.1	3495.3	*3517.2*	3485.9	3414.0	3460.9	3830.2	3952.2
47.5°	3811.4	3773.8	3717.5	3730.0	3861.4	*3889.6*	3992.9	3936.5	3877.1	4327.7	4293.3
50°	3886.5	3889.6	3905.3	3980.4	4196.3	*4262.0*	4502.9	4390.3	4296.4	4850.3	4687.6
52.5°	3914.6	3930.3	4036.7	4168.1	4512.3	*4593.7*	5063.1	4922.2	4662.5	5357.2	4944.2
55°	3945.9	3936.5	4149.3	4318.3	4844.0	*4931.6*	5576.3	5347.8	5006.7	5739.0	5163.2
57.5°	4105.5	4108.7	4274.5	4456.0	5153.8	*5272.7*	6045.6	5760.9	5197.6	6026.9	5225.8
60°	4359.0	4418.4	4531.1	4728.2	5523.1	*5692.0*	6508.8	6061.3	5391.6	6033.1	4953.5
62.5°	4506.1	4540.5	4859.7	5244.6	6155.2	*6324.1*	7000.0	6296.0	5291.5	5476.1	4255.7
65°	3999.1	4027.3	4743.9	6026.9	7140.9	*7281.7*	7541.4	6314.7	4762.7	4549.9	3304.4
67.5°	2985.3	3060.4	3914.6	6849.8	8652.3	*8721.1*	8198.5	5851.6	3914.6	3182.4	1940.1
70°	*2152.9*	*2265.5*	*2919.6*	*7103.3*	*9725.6*	*9781.9*	*8073.4*	*4853.4*	*2634.8*	*1633.4*	*913.7*
72.5°	1558.3	1617.8	2084.1	6662.1	9152.9	*8871.3*	5695.2	3035.3	1389.4	832.4	419.3
75°	1076.4	1120.3	1326.8	5013.0	6236.5	*6180.2*	2872.6	1101.5	675.9	481.9	253.5
77.5°	444.3	444.3	594.5	2822.5	3489.1	*3545.4*	1304.9	300.4	356.7	278.5	147.1
80°	143.9	143.9	237.8	1001.3	1614.7	*1633.4*	469.4	147.1	190.9	169.0	78.2
82.5°	53.2	50.1	122.0	331.7	400.5	*425.6*	128.3	72.0	115.8	100.1	37.6
85°	18.8	18.8	43.8	68.8	75.1	*65.7*	34.4	34.4	56.3	46.9	15.6
87.5°	0.0	0.0	3.1	6.3	9.4	*9.4*	9.4	9.4	12.5	9.4	9.4
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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REPORT NUMBER: P1358011
CATALOG NUMBER: GSS-SB4A-722-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8	1592.8
2.5°	1592.8	1599.0	1586.5	1574.0	1570.9	1555.2	1545.8	1533.3	1530.2	1527.1	1533.3
5°	1611.5	1611.5	1580.3	1545.8	1505.1	1448.8	1389.4	1336.2	1314.3	1289.2	1292.4
7.5°	1633.4	1617.8	1570.9	1480.1	1358.1	1223.5	1110.9	1026.4	976.3	932.5	945.0
10°	1652.2	1636.6	1539.6	1364.3	1160.9	979.4	816.7	722.8	663.4	629.0	644.6
12.5°	1680.4	1649.1	1486.4	1217.3	938.8	716.6	591.4	541.4	525.7	516.3	516.3
15°	1711.7	1658.5	1405.0	1051.4	726.0	541.4	506.9	506.9	510.1	510.1	513.2
17.5°	1743.0	1661.6	1317.4	860.5	563.3	494.4	497.5	500.7	506.9	500.7	500.7
20°	1780.5	1683.5	1204.7	691.6	494.4	485.0	488.2	494.4	500.7	494.4	497.5
22.5°	1843.1	1705.4	1107.7	582.0	485.0	478.8	478.8	488.2	491.3	481.9	485.0
25°	1915.1	1733.6	1004.5	538.2	491.3	469.4	475.6	481.9	485.0	478.8	478.8
27.5°	2005.8	1780.5	904.3	538.2	497.5	463.1	466.3	475.6	481.9	472.5	478.8
30°	2137.2	1836.8	841.8	553.9	503.8	450.6	453.7	466.3	475.6	469.4	472.5
32.5°	2300.0	1933.9	788.6	566.4	500.7	438.1	435.0	453.7	469.4	466.3	472.5
35°	2500.2	2046.5	754.1	578.9	494.4	428.7	416.2	441.2	466.3	466.3	469.4
37.5°	2700.5	2165.4	769.8	575.8	478.8	422.4	400.5	422.4	450.6	460.0	466.3
40°	2938.3	2296.8	807.3	557.0	469.4	403.7	388.0	403.7	431.8	447.5	453.7
42.5°	3151.1	2422.0	844.9	535.1	456.9	384.9	375.5	388.0	403.7	419.3	428.7
45°	3401.5	2519.0	832.4	510.1	444.3	369.2	366.1	369.2	375.5	381.8	388.0
47.5°	3579.8	2550.3	776.0	488.2	416.2	356.7	350.5	347.3	341.1	341.1	344.2
50°	3773.8	2462.7	663.4	463.1	375.5	341.1	328.6	319.2	309.8	303.5	306.7
52.5°	3858.3	2237.4	557.0	419.3	328.6	319.2	303.5	291.0	278.5	275.4	272.2
55°	3823.9	1927.6	460.0	353.6	294.1	294.1	278.5	266.0	253.5	244.1	240.9
57.5°	3692.5	1608.4	369.2	262.9	259.7	266.0	253.5	240.9	228.4	215.9	215.9
60°	3385.8	1232.9	284.8	212.8	225.3	234.7	231.6	222.2	200.3	181.5	181.5
62.5°	2857.0	835.5	203.4	172.1	190.9	206.5	209.7	200.3	175.2	153.3	150.2
65°	2171.7	491.3	156.5	147.1	162.7	178.4	184.6	175.2	147.1	122.0	115.8
67.5°	1320.5	266.0	122.0	125.2	140.8	150.2	159.6	153.3	128.3	103.3	100.1
70°	*563.3*	*134.6*	*100.1*	*103.3*	*112.7*	*115.8*	*134.6*	*137.7*	*115.8*	*90.7*	*87.6*
72.5°	259.7	100.1	81.4	87.6	84.5	87.6	115.8	122.0	100.1	72.0	72.0
75°	150.2	75.1	62.6	68.8	56.3	65.7	93.9	100.1	84.5	59.5	56.3
77.5°	81.4	53.2	43.8	46.9	40.7	50.1	75.1	78.2	62.6	46.9	46.9
80°	46.9	34.4	31.3	28.2	28.2	34.4	53.2	50.1	40.7	40.7	40.7
82.5°	25.0	18.8	18.8	18.8	18.8	21.9	28.2	31.3	34.4	34.4	34.4
85°	12.5	9.4	9.4	9.4	12.5	15.6	21.9	25.0	28.2	28.2	28.2
87.5°	6.3	6.3	6.3	6.3	6.3	9.4	15.6	18.8	21.9	12.5	6.3
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

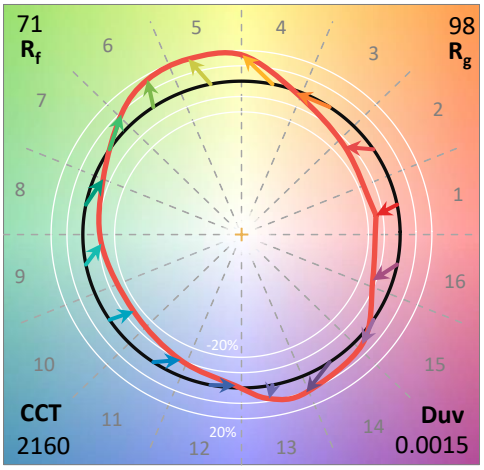
Test Information

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

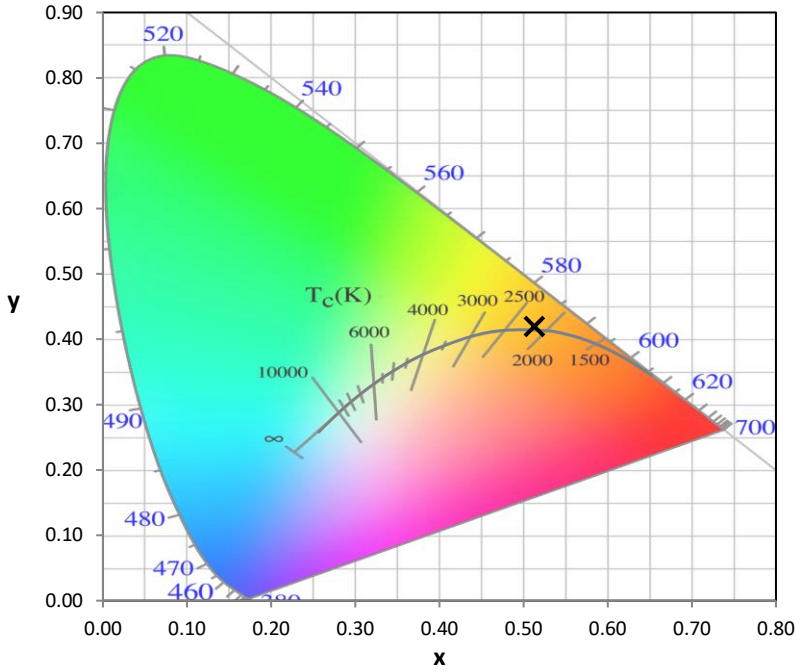
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

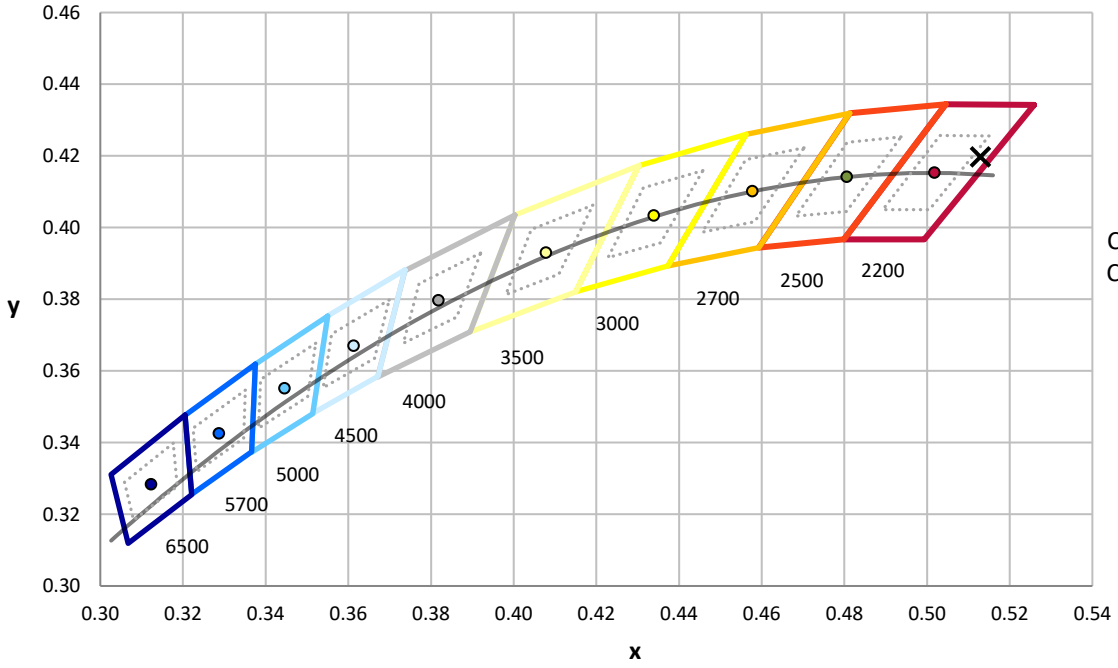
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

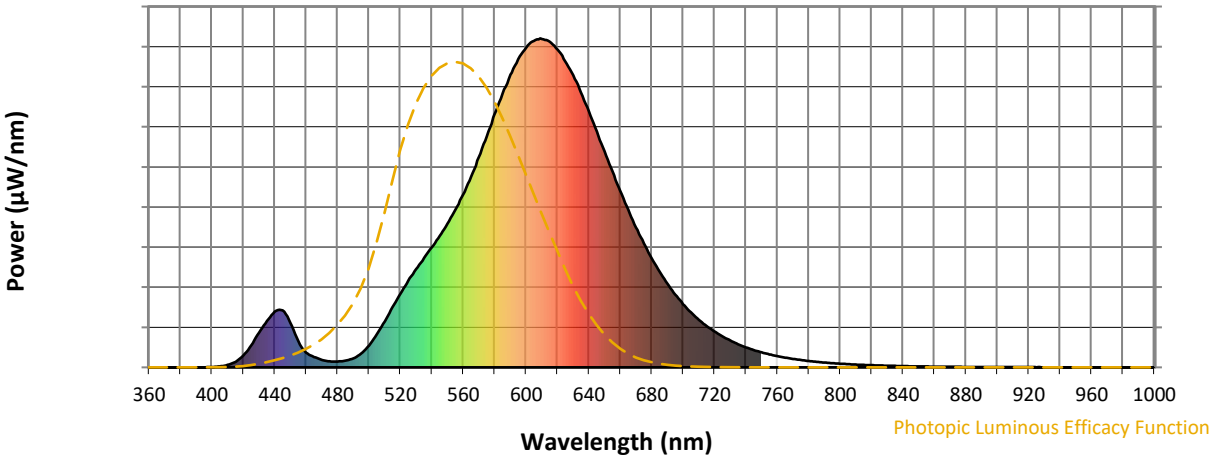


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

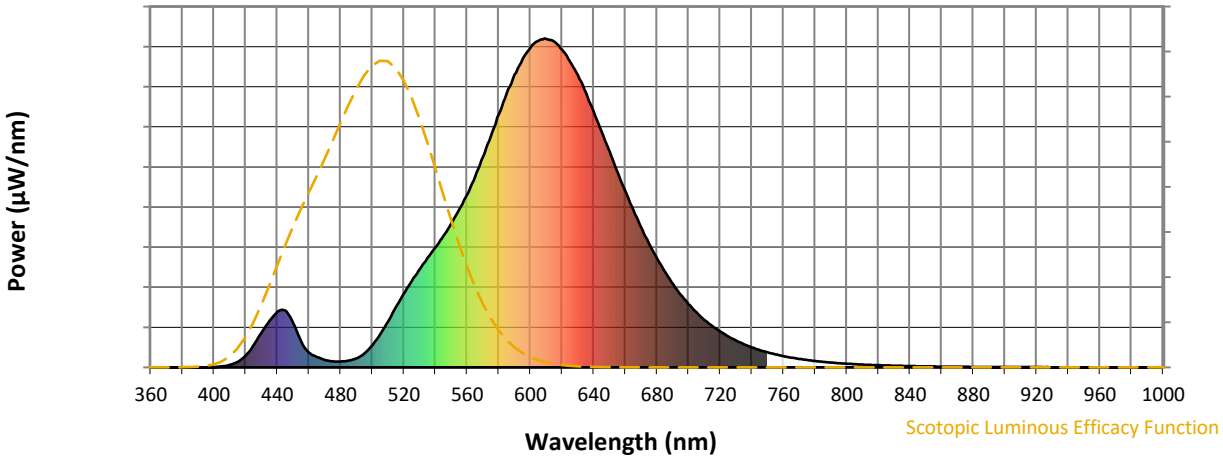


Photopic Lumens: NR

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

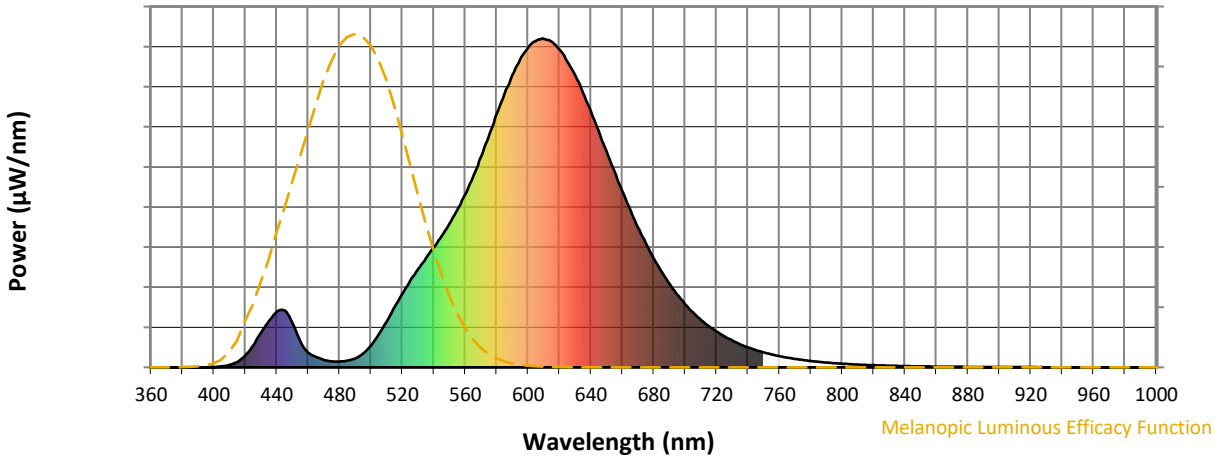


Scotopic Lumens: NR **S/P: 0.8**

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			

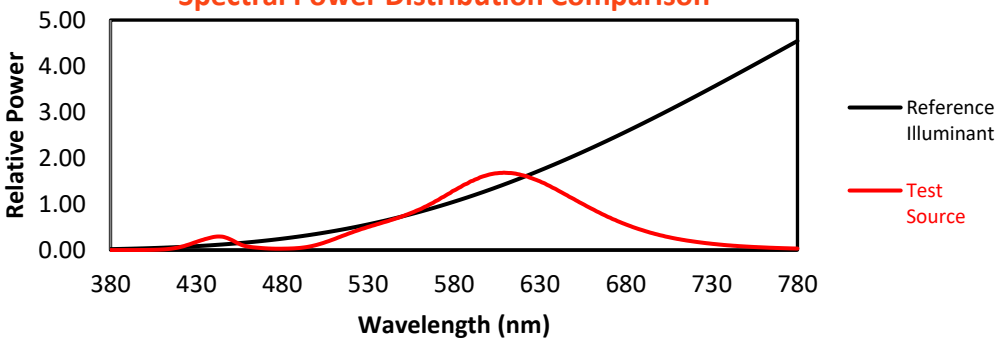
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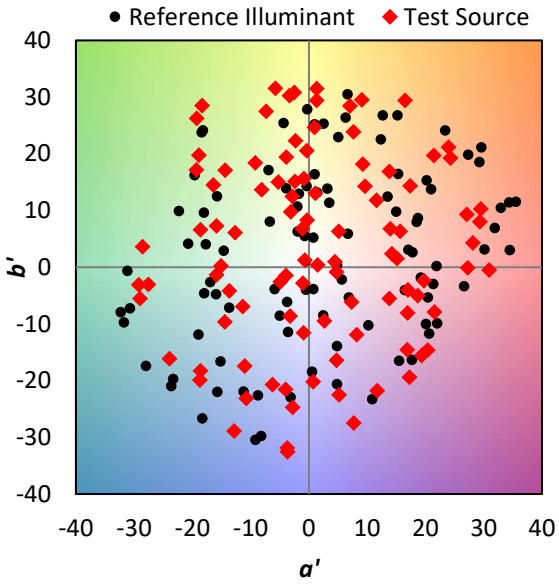
Summary

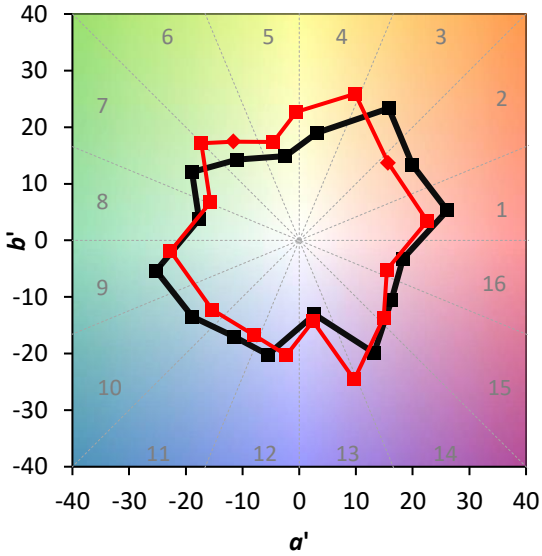
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

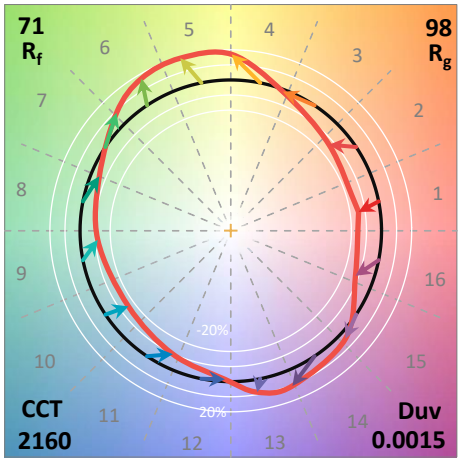
Spectral Power Distribution Comparison

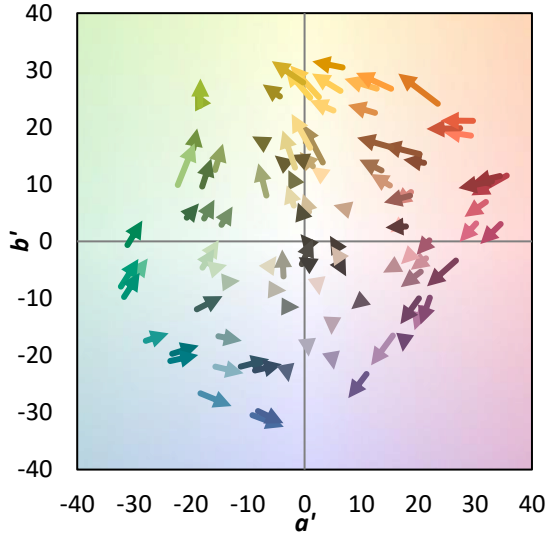


Color Vector Graphics







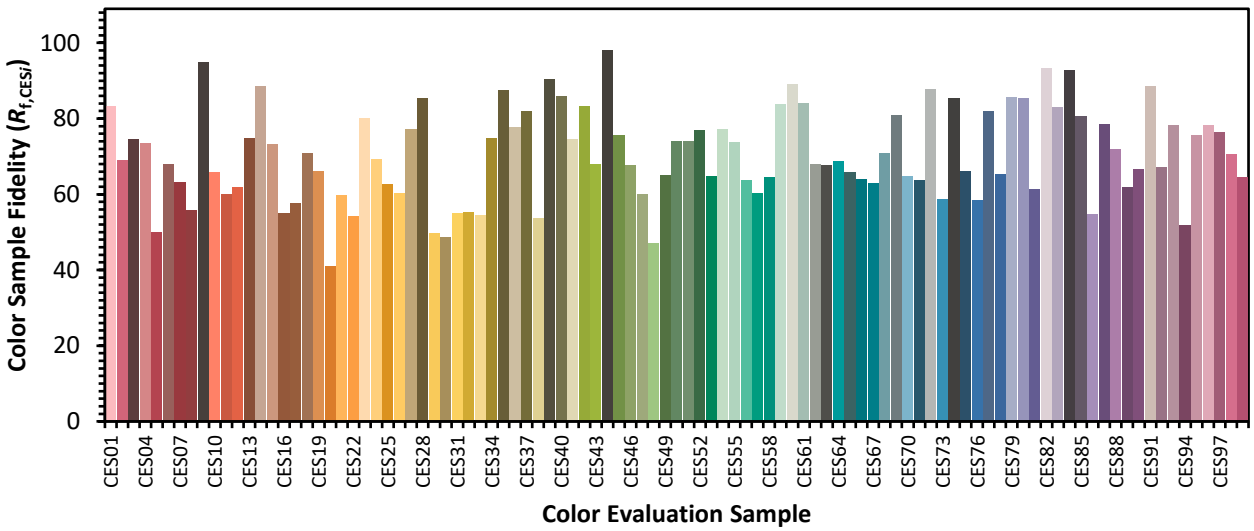


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Individual Sample Fidelity Index ($R_{f,i}$)

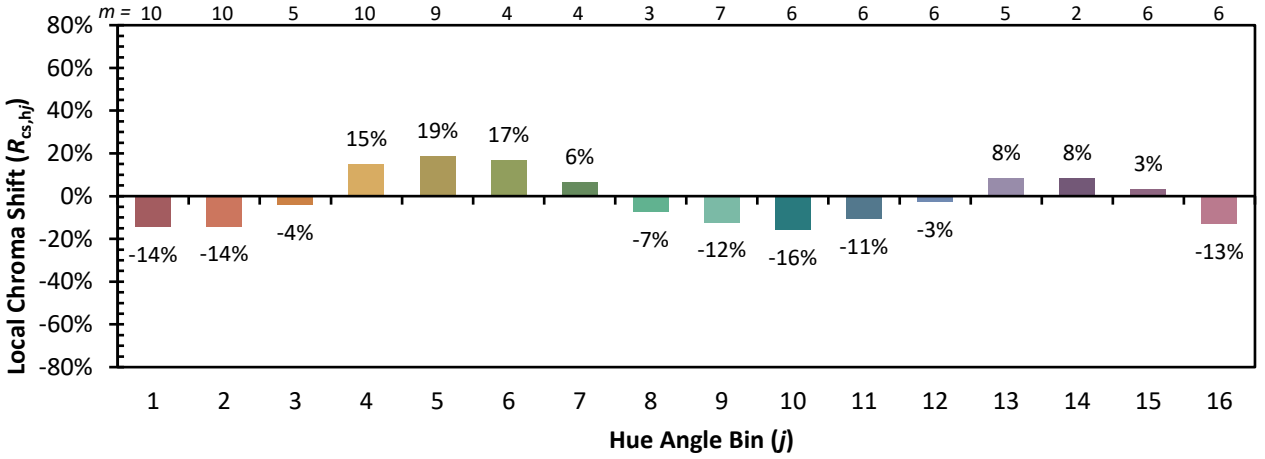
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

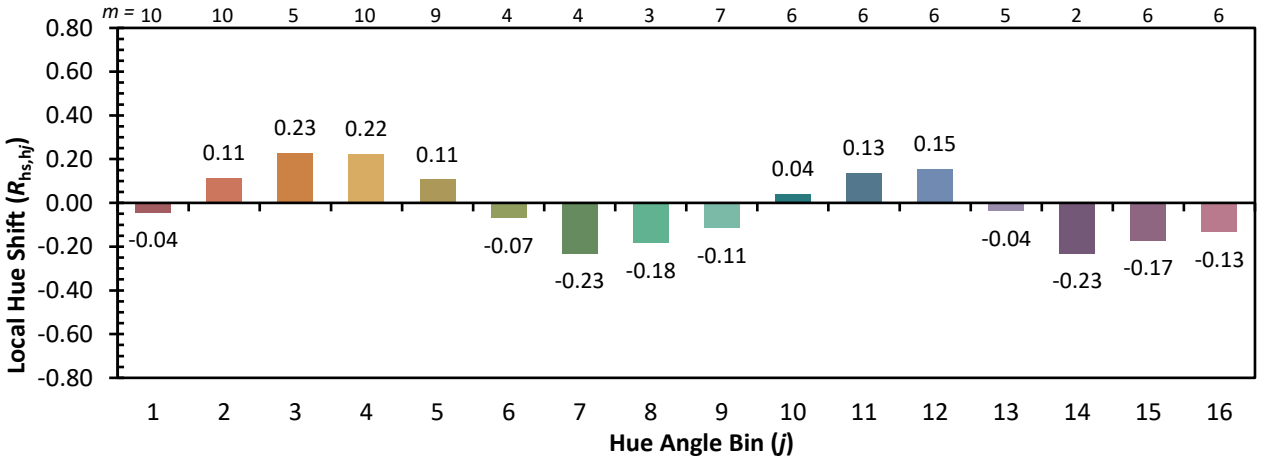


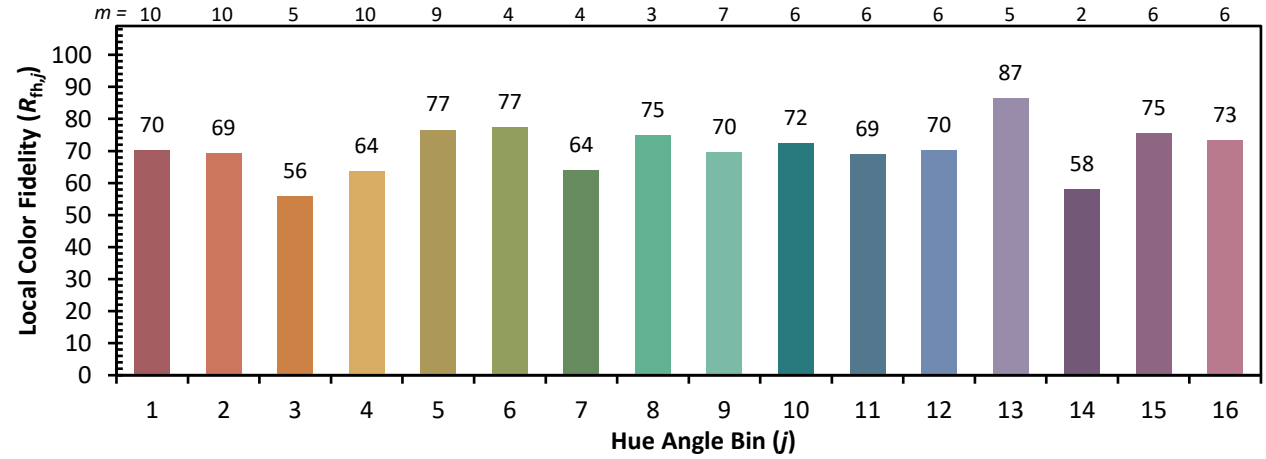
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Color Rendition by Hue-Angle Bin



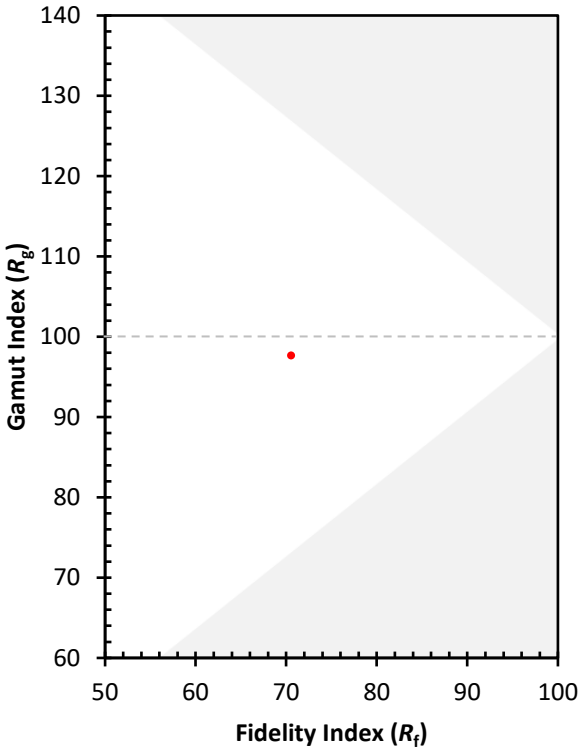


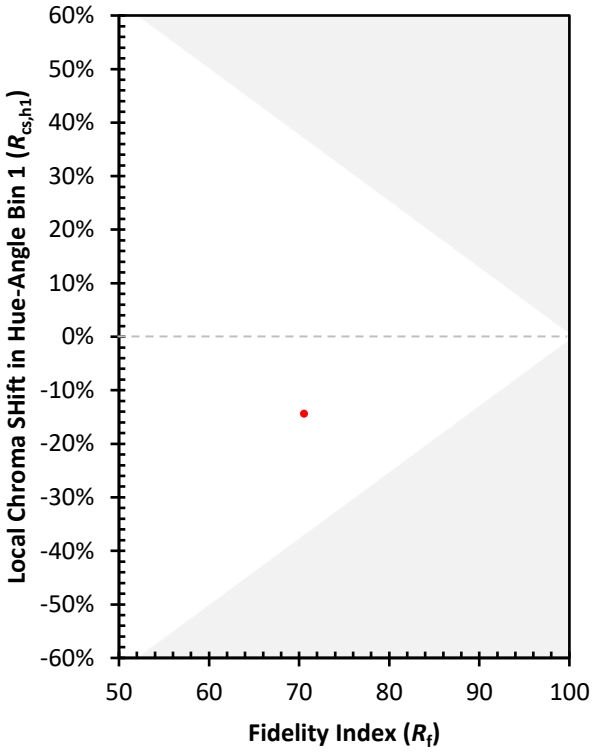


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Measure Comparisons





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