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: P1358035

Luminaire Tested: **GSS-SB4A-727-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:	P1358035
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-727-U-T4FT-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11194.7 lumens
Efficiency:	N/A
Efficacy:	98.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

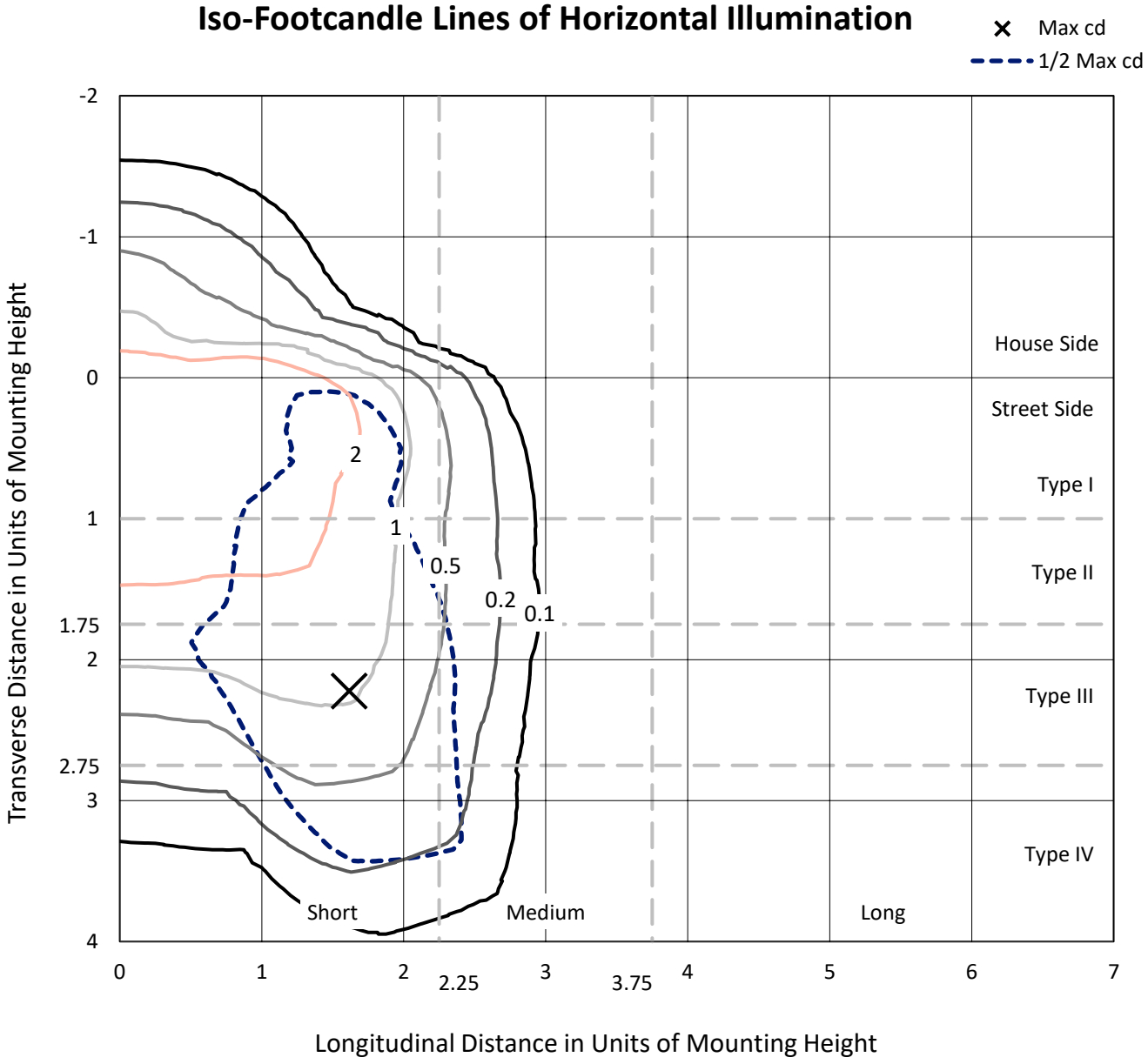
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1358035
CATALOG NUMBER: GSS-SB4A-727-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



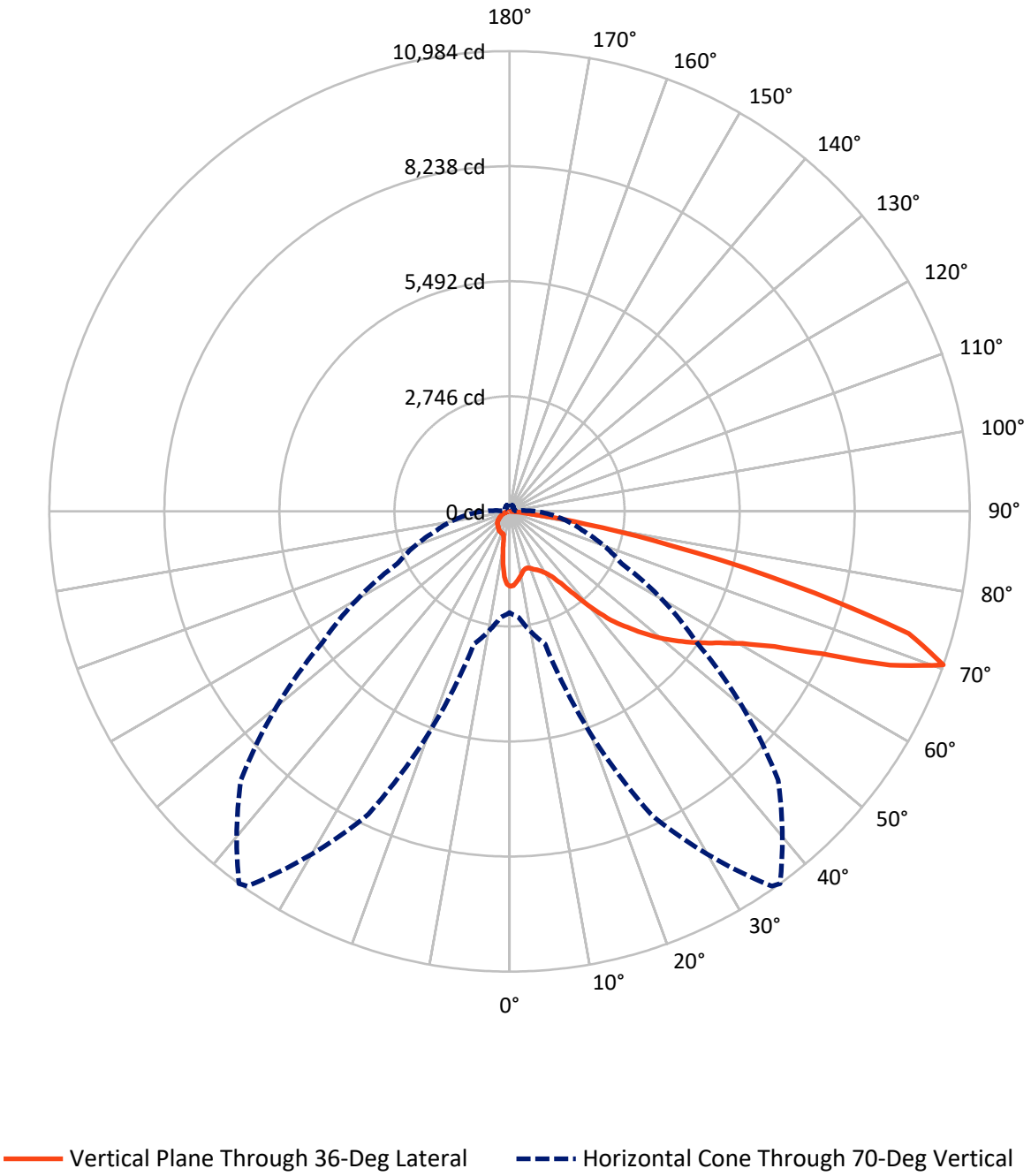
Based on 20 foot mounting height. Maximum calculated value = 4.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

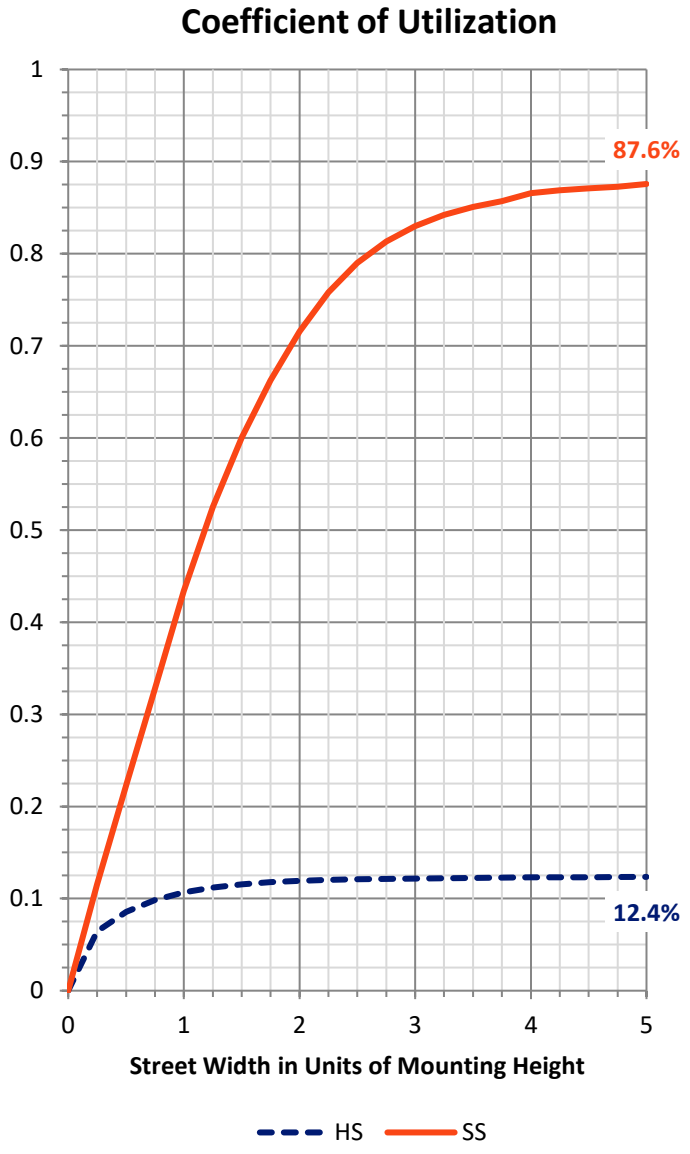
REPORT NUMBER: P1358035
CATALOG NUMBER: GSS-SB4A-727-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1394.4	0.0	1394.4
	% Fixture	12.5	0.0	12.5
Street Side	Lumens	9800.3	0.0	9800.3
	% Fixture	87.5	0.0	87.5
Total	Lumens	11194.7	0.0	11194.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.0	1.3
10°-20°	356.8	3.2
20°-30°	582.9	5.2
30°-40°	1041.8	9.3
40°-50°	1865.1	16.7
50°-60°	2708.6	24.2
60°-70°	3020.8	27.0
70°-80°	1390.5	12.4
80°-90°	77.2	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°	11194.7	100.0
0°-180°	11194.7	100.0



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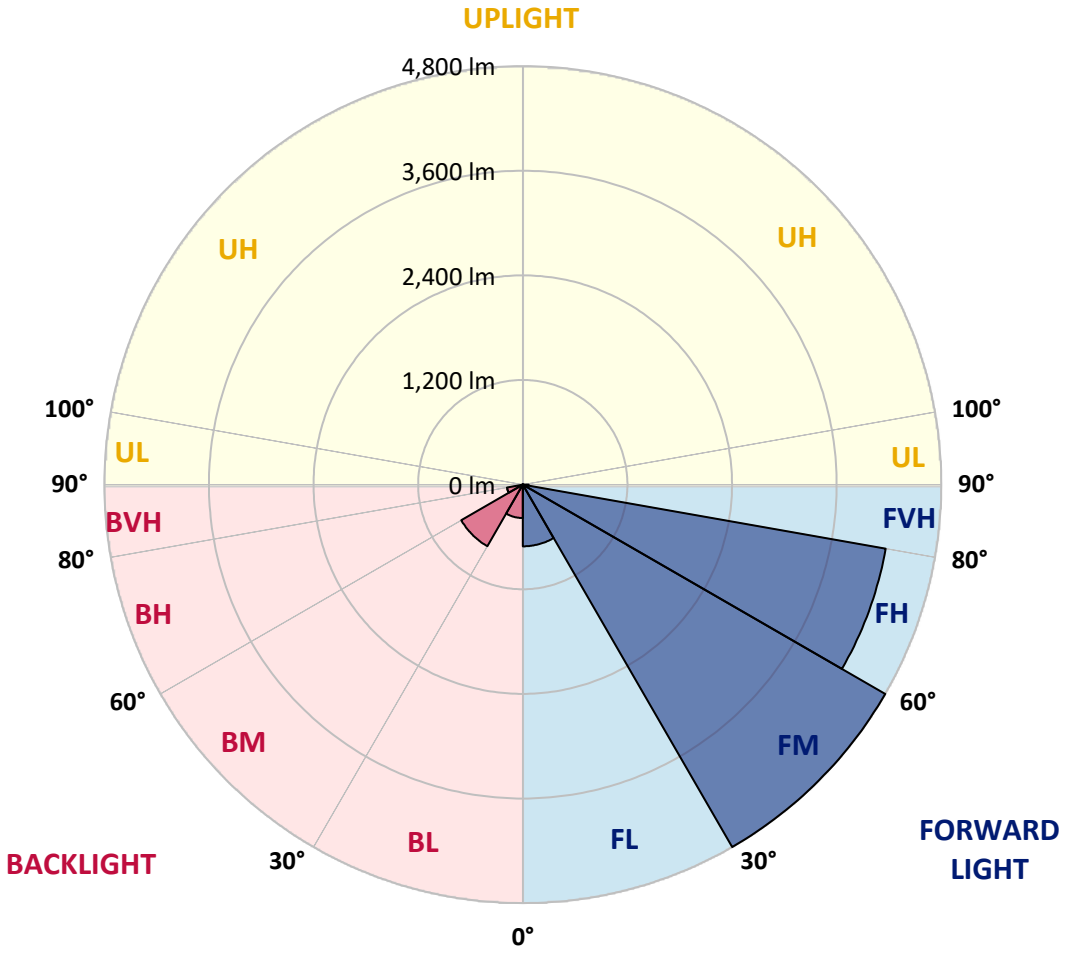
Scaled Data Report

REPORT NUMBER: P1358035
CATALOG NUMBER: GSS-SB4A-727-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	707.6	6.3			
FM	(30°-60°)	4800.3	42.9			
FH	(60°-80°)	4226.4	37.8			G2/5000
FVH	(80°-90°)	66.0	0.6			G1/100
BL	(0°-30°)	383.1	3.4	B1/500		
BM	(30°-60°)	815.2	7.3	B1/1000		
BH	(60°-80°)	184.9	1.7	B1/500		G1/500
BVH	(80°-90°)	11.2	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1788.5	1788.5	1788.5	1788.5	1788.5	*1788.5*	1788.5	1788.5	1788.5	1788.5	1788.5
2.5°	1767.5	1760.4	1760.4	1767.5	1785.0	*1774.5*	1767.5	1778.0	1781.5	1792.1	1795.6
5°	1662.1	1665.6	1655.0	1679.6	1697.2	*1700.7*	1725.3	1756.9	1774.5	1809.6	1813.1
7.5°	1525.0	1539.1	1546.1	1581.2	1616.4	*1619.9*	1665.6	1714.8	1767.5	1816.7	1841.3
10°	1416.1	1419.6	1426.6	1465.3	1528.5	*1535.6*	1598.8	1679.6	1756.9	1837.7	1865.9
12.5°	1345.8	1352.8	1352.8	1384.5	1447.7	*1454.7*	1528.5	1637.5	1749.9	1844.8	1897.5
15°	1345.8	1338.8	1338.8	1363.4	1412.6	*1419.6*	1489.9	1605.8	1732.3	1865.9	1950.2
17.5°	1352.8	1356.3	1349.3	1366.9	1409.1	*1416.1*	1479.3	1588.3	1735.8	1897.5	1992.4
20°	1380.9	1380.9	1373.9	1402.0	1440.7	*1451.2*	1503.9	1595.3	1749.9	1943.2	2052.1
22.5°	1419.6	1409.1	1405.5	1437.2	1486.4	*1503.9*	1549.6	1630.4	1771.0	1999.4	2115.3
25°	1475.8	1465.3	1458.2	1493.4	1539.1	*1546.1*	1626.9	1690.2	1827.2	2073.2	2220.8
27.5°	1581.2	1567.2	1532.0	1556.6	1612.9	*1619.9*	1700.7	1778.0	1904.5	2157.5	2340.2
30°	1904.5	1883.4	1781.5	1679.6	1700.7	*1711.2*	1792.1	1890.5	2009.9	2287.5	2519.4
32.5°	2287.5	2294.5	2164.5	1971.3	1844.8	*1848.3*	1901.0	2038.0	2164.5	2470.2	2740.8
35°	2779.5	2758.4	2582.7	2357.8	2118.9	*2108.3*	2094.3	2245.3	2389.4	2698.6	3018.4
37.5°	3250.3	3243.3	3099.2	2818.1	2540.5	*2498.3*	2400.0	2519.4	2653.0	2986.8	3327.6
40°	3601.7	3566.6	3482.2	3296.0	3060.6	*3036.0*	2828.6	2856.8	2983.3	3373.3	3650.9
42.5°	3830.1	3823.1	3724.7	3668.5	3559.5	*3549.0*	3303.0	3317.1	3387.4	3812.5	4030.4
45°	4055.0	4037.4	3953.1	3917.9	3925.0	*3949.6*	3914.4	3833.6	3886.3	4301.0	4438.0
47.5°	4279.9	4237.7	4174.5	4188.5	4336.1	*4367.7*	4483.7	4420.4	4353.7	4859.7	4821.0
50°	4364.2	4367.7	4385.3	4469.6	4712.1	*4785.9*	5056.4	4929.9	4824.5	5446.5	5263.7
52.5°	4395.8	4413.4	4532.9	4680.4	5067.0	*5158.3*	5685.4	5527.3	5235.6	6015.7	5551.9
55°	4431.0	4420.4	4659.4	4849.1	5439.4	*5537.8*	6261.7	6005.2	5622.2	6444.4	5797.9
57.5°	4610.2	4613.7	4799.9	5003.7	5787.3	*5920.8*	6788.8	6469.0	5836.5	6767.7	5868.1
60°	4894.8	4961.6	5088.1	5309.4	6201.9	*6391.7*	7308.8	6806.3	6054.4	6774.7	5562.4
62.5°	5059.9	5098.6	5457.0	5889.2	6911.7	*7101.5*	7860.5	7069.9	5941.9	6149.2	4778.8
65°	4490.7	4522.3	5327.0	6767.7	8018.6	*8176.7*	8468.4	7090.9	5348.1	5109.1	3710.6
67.5°	3352.2	3436.5	4395.8	7691.8	9715.8	*9793.1*	9206.3	6570.9	4395.8	3573.6	2178.6
70°	*2417.5*	*2544.0*	*3278.4*	*7976.4*	*10921.0*	*10984.3*	*9065.7*	*5450.0*	*2958.7*	*1834.2*	*1026.0*
72.5°	1749.9	1816.7	2340.2	7481.0	10278.0	*9961.8*	6395.2	3408.4	1560.1	934.7	470.9
75°	1208.8	1258.0	1489.9	5629.2	7003.1	*6939.9*	3225.7	1236.9	759.0	541.1	284.6
77.5°	499.0	499.0	667.6	3169.5	3917.9	*3981.2*	1465.3	337.3	400.6	312.7	165.2
80°	161.6	161.6	267.1	1124.4	1813.1	*1834.2*	527.1	165.2	214.3	189.7	87.8
82.5°	59.7	56.2	137.0	372.5	449.8	*477.9*	144.1	80.8	130.0	112.4	42.2
85°	21.1	21.1	49.2	77.3	84.3	*73.8*	38.7	38.7	63.2	52.7	17.6
87.5°	0.0	0.0	3.5	7.0	10.5	*10.5*	10.5	10.5	14.1	10.5	10.5
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: P1358035
CATALOG NUMBER: GSS-SB4A-727-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5	1788.5
2.5°	1788.5	1795.6	1781.5	1767.5	1764.0	1746.4	1735.8	1721.8	1718.3	1714.8	1721.8
5°	1809.6	1809.6	1774.5	1735.8	1690.2	1626.9	1560.1	1500.4	1475.8	1447.7	1451.2
7.5°	1834.2	1816.7	1764.0	1662.1	1525.0	1373.9	1247.4	1152.5	1096.3	1047.1	1061.2
10°	1855.3	1837.7	1728.8	1532.0	1303.6	1099.8	917.1	811.7	744.9	706.3	723.9
12.5°	1886.9	1851.8	1669.1	1366.9	1054.2	804.7	664.1	607.9	590.3	579.8	579.8
15°	1922.1	1862.3	1577.7	1180.7	815.2	607.9	569.2	569.2	572.8	572.8	576.3
17.5°	1957.2	1865.9	1479.3	966.3	632.5	555.2	558.7	562.2	569.2	562.2	562.2
20°	1999.4	1890.5	1352.8	776.6	555.2	544.6	548.2	555.2	562.2	555.2	558.7
22.5°	2069.7	1915.0	1243.9	653.6	544.6	537.6	537.6	548.2	551.7	541.1	544.6
25°	2150.5	1946.7	1127.9	604.4	551.7	527.1	534.1	541.1	544.6	537.6	537.6
27.5°	2252.4	1999.4	1015.5	604.4	558.7	520.0	523.6	534.1	541.1	530.6	537.6
30°	2400.0	2062.6	945.2	622.0	565.7	506.0	509.5	523.6	534.1	527.1	530.6
32.5°	2582.7	2171.6	885.5	636.0	562.2	491.9	488.4	509.5	527.1	523.6	530.6
35°	2807.6	2298.1	846.8	650.1	555.2	481.4	467.3	495.5	523.6	523.6	527.1
37.5°	3032.5	2431.6	864.4	646.5	537.6	474.4	449.8	474.4	506.0	516.5	523.6
40°	3299.5	2579.2	906.6	625.5	527.1	453.3	435.7	453.3	484.9	502.5	509.5
42.5°	3538.4	2719.7	948.7	600.9	513.0	432.2	421.7	435.7	453.3	470.9	481.4
45°	3819.6	2828.6	934.7	572.8	499.0	414.6	411.1	414.6	421.7	428.7	435.7
47.5°	4019.8	2863.8	871.4	548.2	467.3	400.6	393.6	390.0	383.0	383.0	386.5
50°	4237.7	2765.4	744.9	520.0	421.7	383.0	369.0	358.4	347.9	340.8	344.4
52.5°	4332.6	2512.4	625.5	470.9	369.0	358.4	340.8	326.8	312.7	309.2	305.7
55°	4293.9	2164.5	516.5	397.1	330.3	330.3	312.7	298.7	284.6	274.1	270.6
57.5°	4146.3	1806.1	414.6	295.2	291.6	298.7	284.6	270.6	256.5	242.5	242.5
60°	3802.0	1384.5	319.8	238.9	253.0	263.5	260.0	249.5	224.9	203.8	203.8
62.5°	3208.1	938.2	228.4	193.3	214.3	231.9	235.4	224.9	196.8	172.2	168.7
65°	2438.6	551.7	175.7	165.2	182.7	200.3	207.3	196.8	165.2	137.0	130.0
67.5°	1482.8	298.7	137.0	140.6	158.1	168.7	179.2	172.2	144.1	116.0	112.4
70°	*632.5*	*151.1*	*112.4*	*116.0*	*126.5*	*130.0*	*151.1*	*154.6*	*130.0*	*101.9*	*98.4*
72.5°	291.6	112.4	91.4	98.4	94.9	98.4	130.0	137.0	112.4	80.8	80.8
75°	168.7	84.3	70.3	77.3	63.2	73.8	105.4	112.4	94.9	66.8	63.2
77.5°	91.4	59.7	49.2	52.7	45.7	56.2	84.3	87.8	70.3	52.7	52.7
80°	52.7	38.7	35.1	31.6	31.6	38.7	59.7	56.2	45.7	45.7	45.7
82.5°	28.1	21.1	21.1	21.1	21.1	24.6	31.6	35.1	38.7	38.7	38.7
85°	14.1	10.5	10.5	10.5	14.1	17.6	24.6	28.1	31.6	31.6	31.6
87.5°	7.0	7.0	7.0	7.0	7.0	10.5	17.6	21.1	24.6	14.1	7.0
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

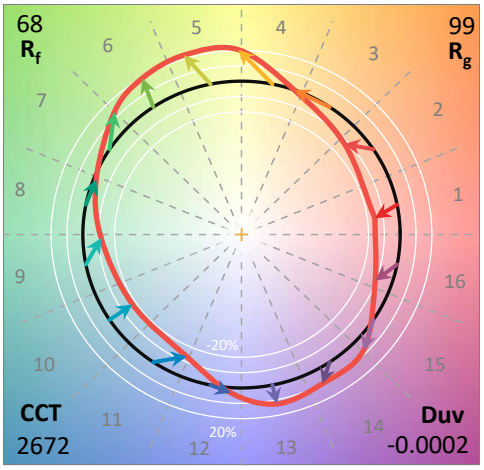
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

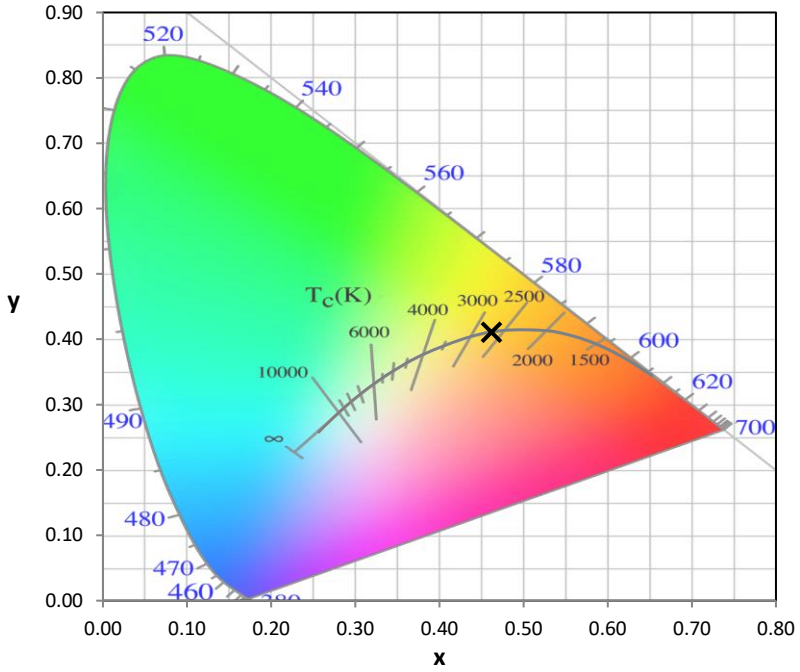
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

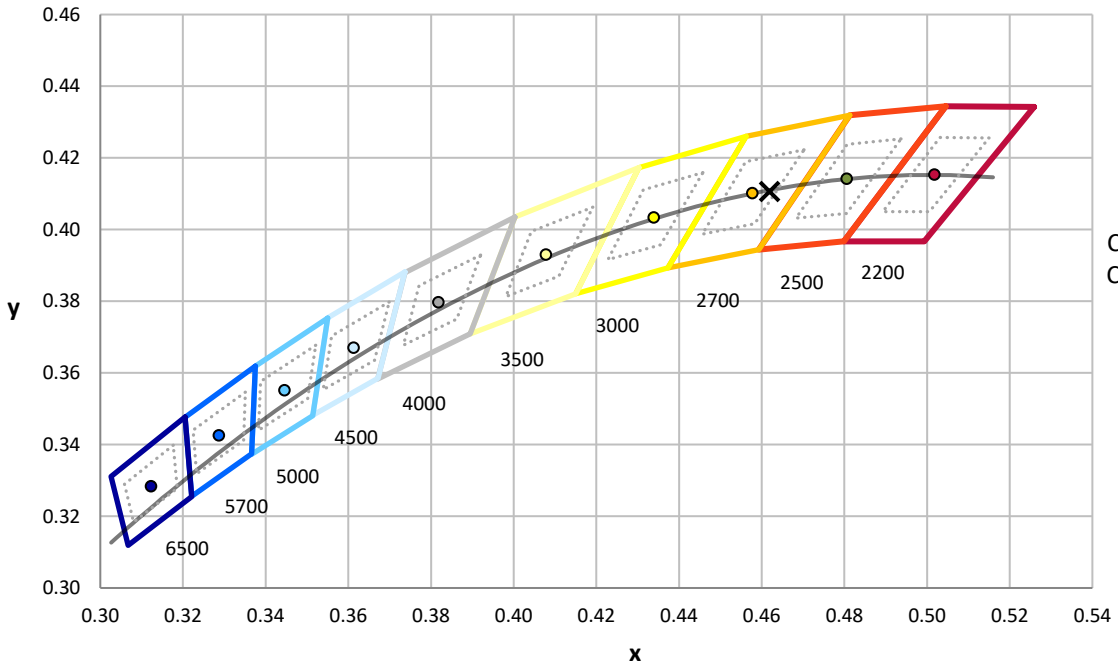
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

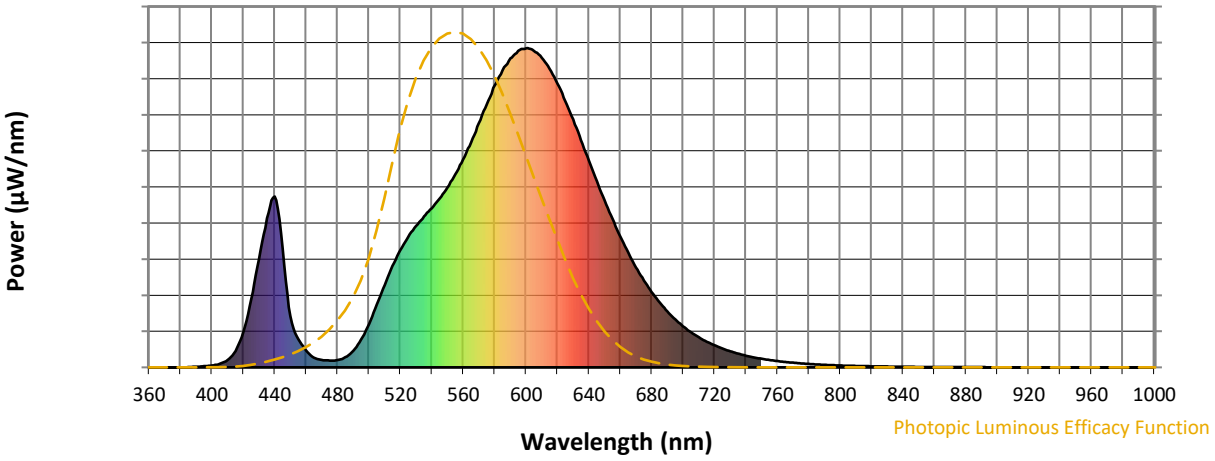


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

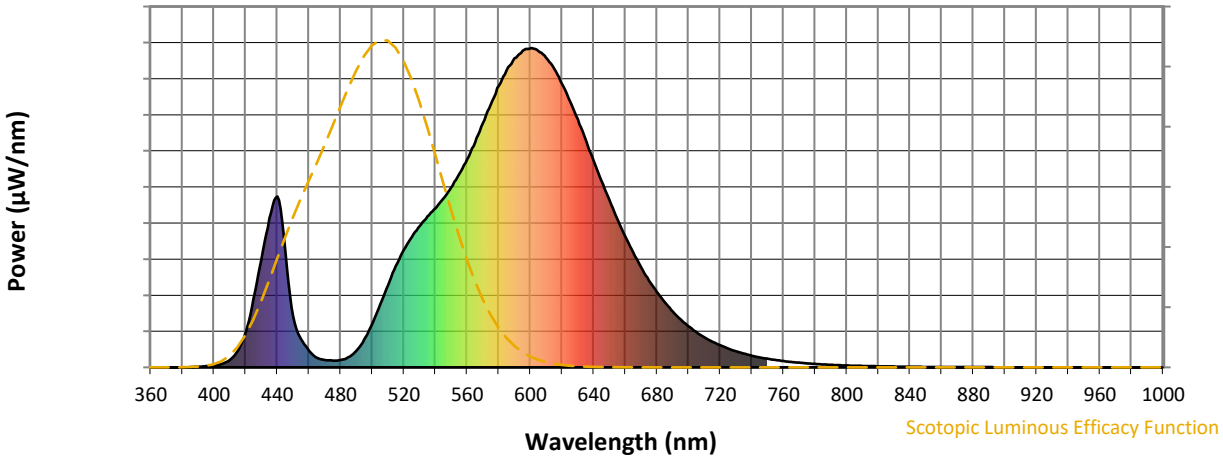


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

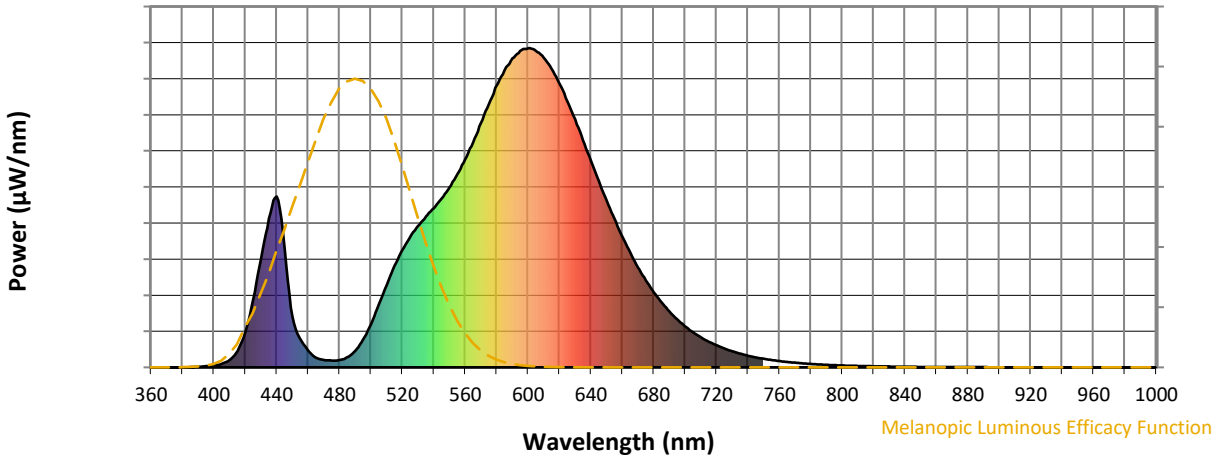


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

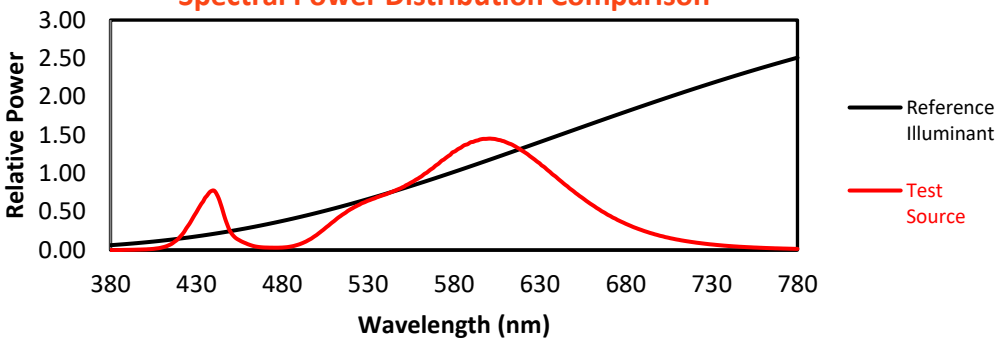
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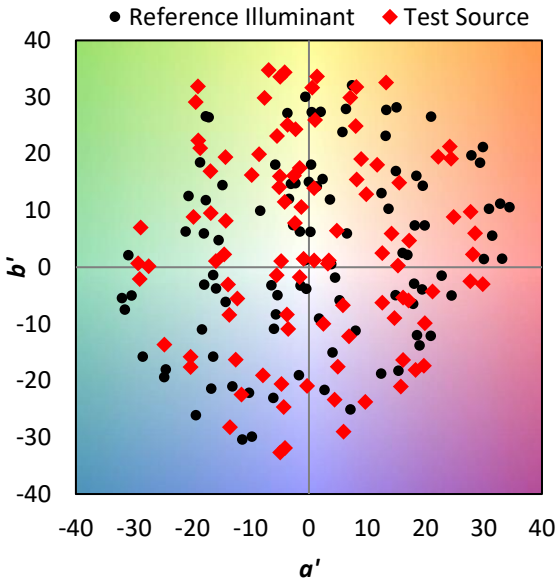
Summary

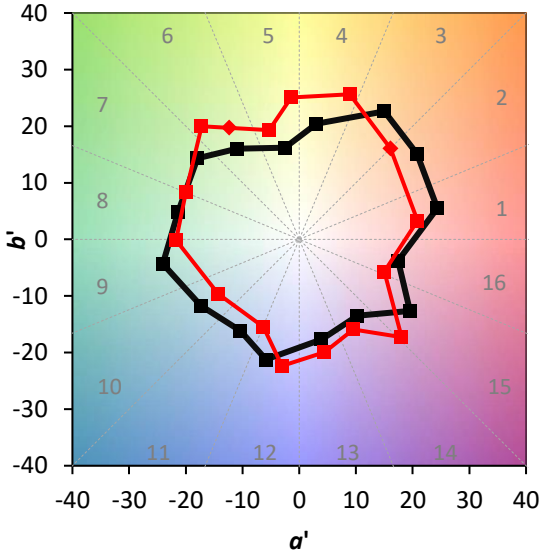
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

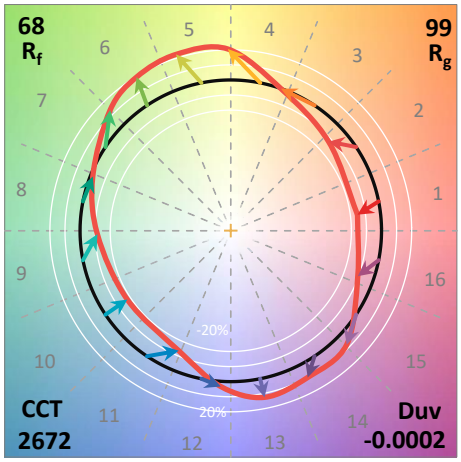
Spectral Power Distribution Comparison

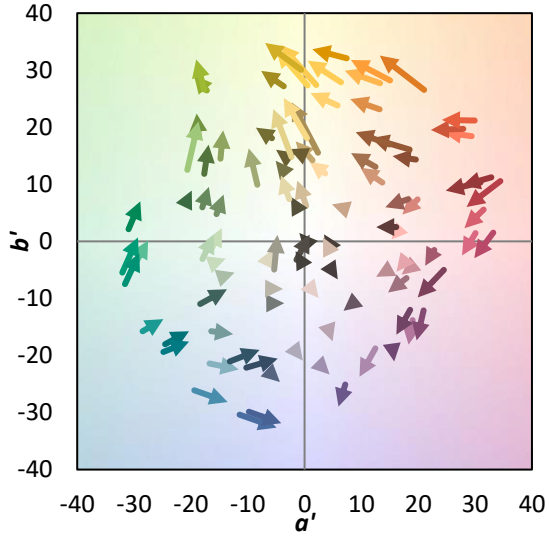


Color Vector Graphics







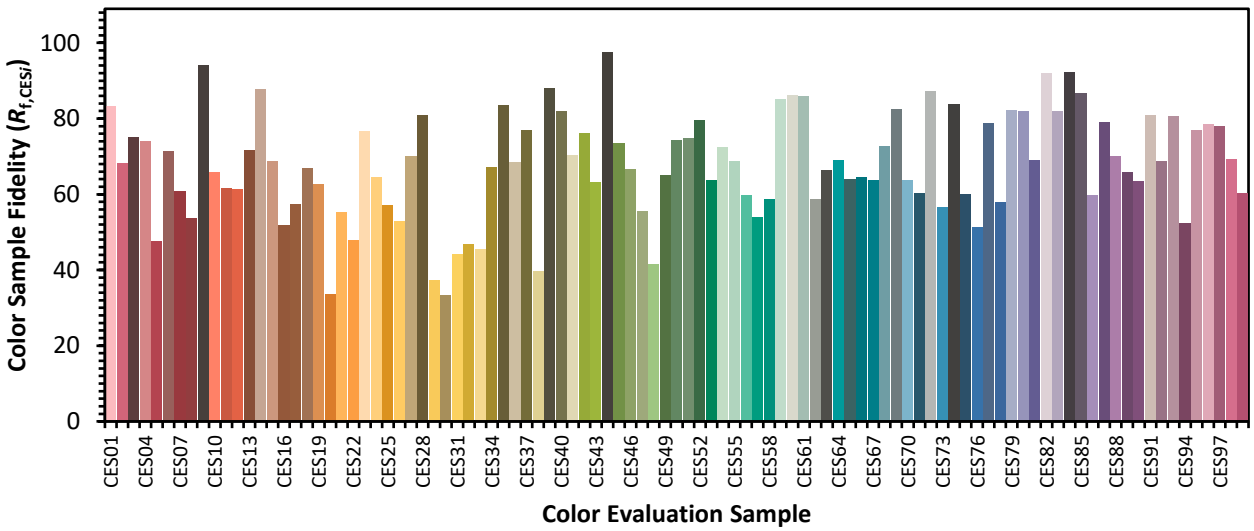


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Individual Sample Fidelity Index ($R_{f,i}$)

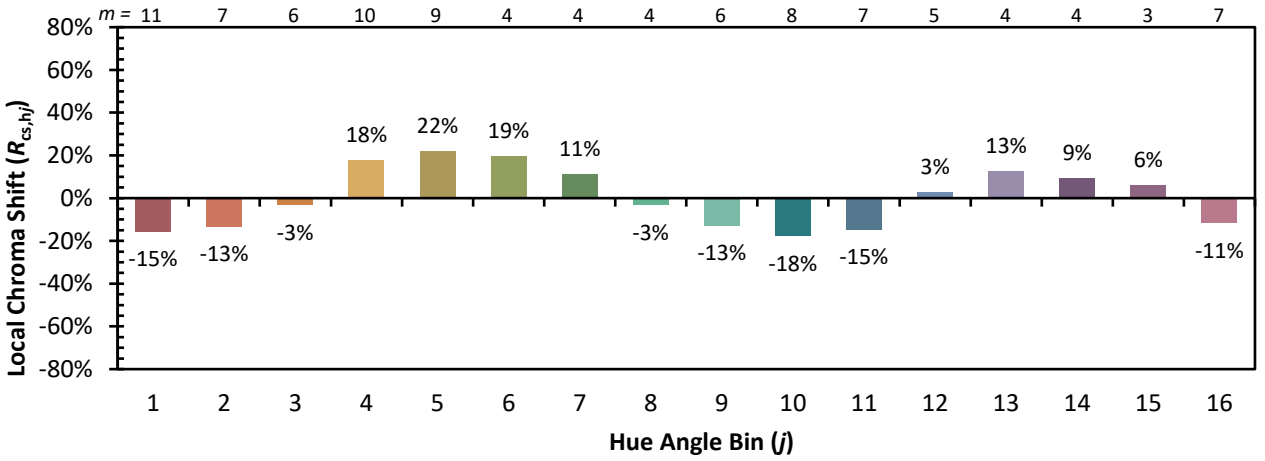
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

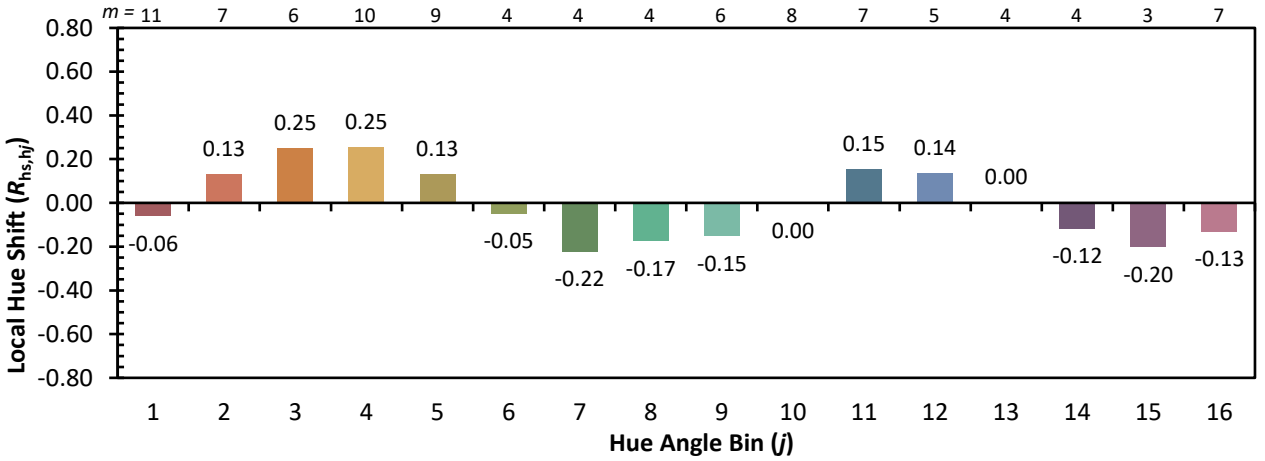


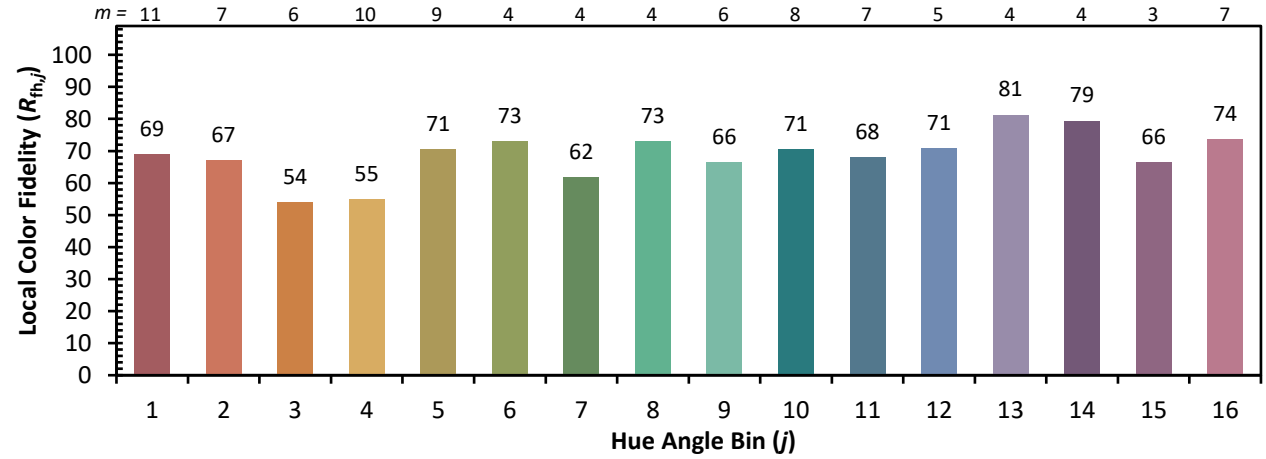
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Color Rendition by Hue-Angle Bin



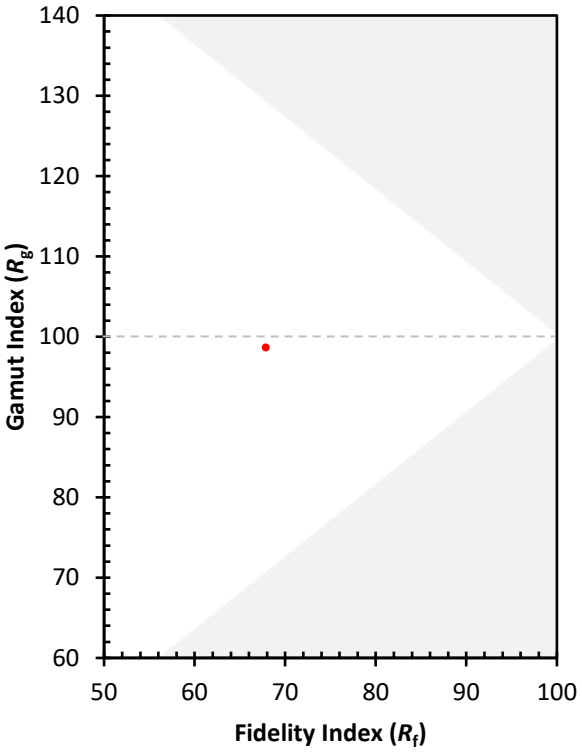


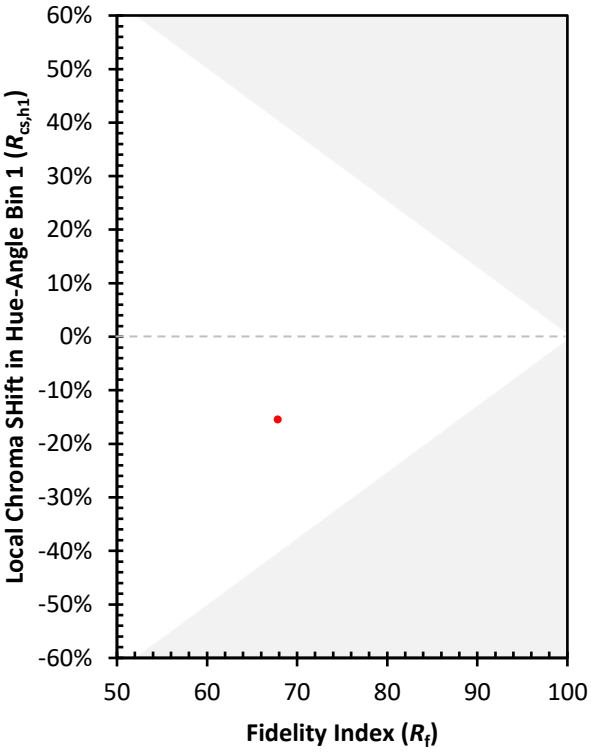


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Measure Comparisons





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