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: P1502105

Luminaire Tested: GSS-SB4A-740-U-T3LG-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:	P1502105
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15421.7 lumens
Efficiency:	N/A
Efficacy:	135.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

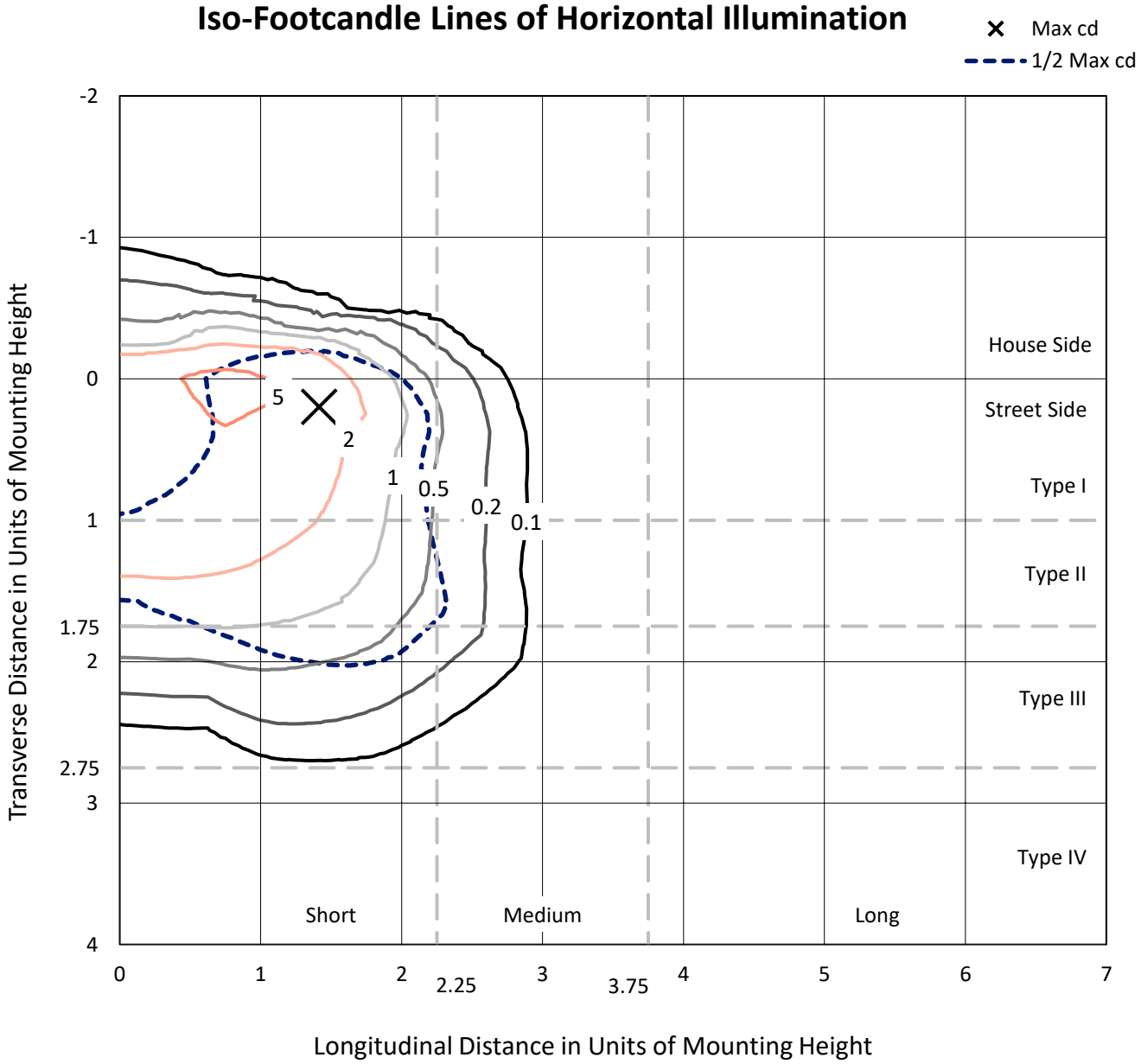
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502105
CATALOG NUMBER: GSS-SB4A-740-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



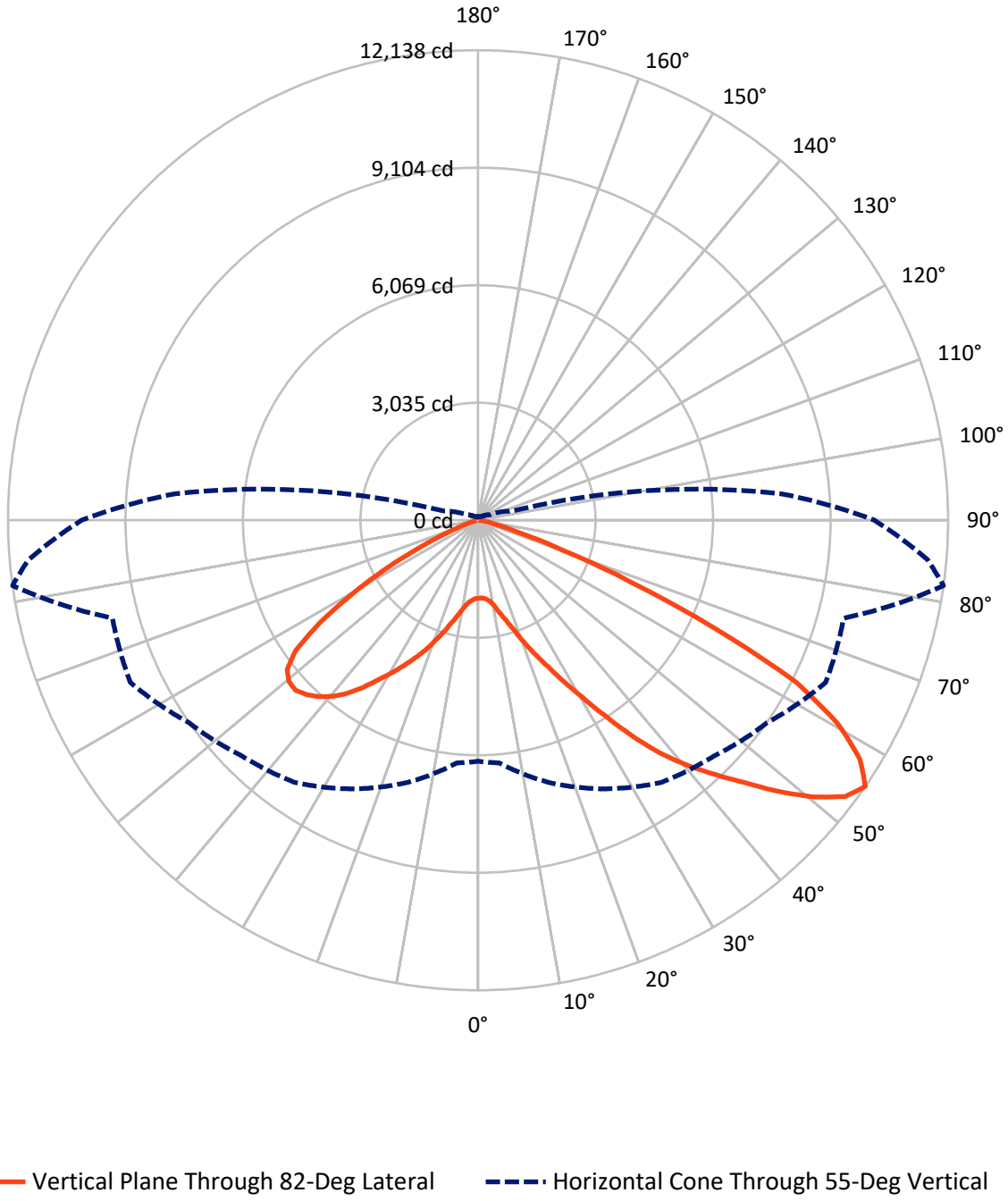
Based on 25 foot mounting height. Maximum calculated value = 6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502105
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Luminous Intensity Polar Plot



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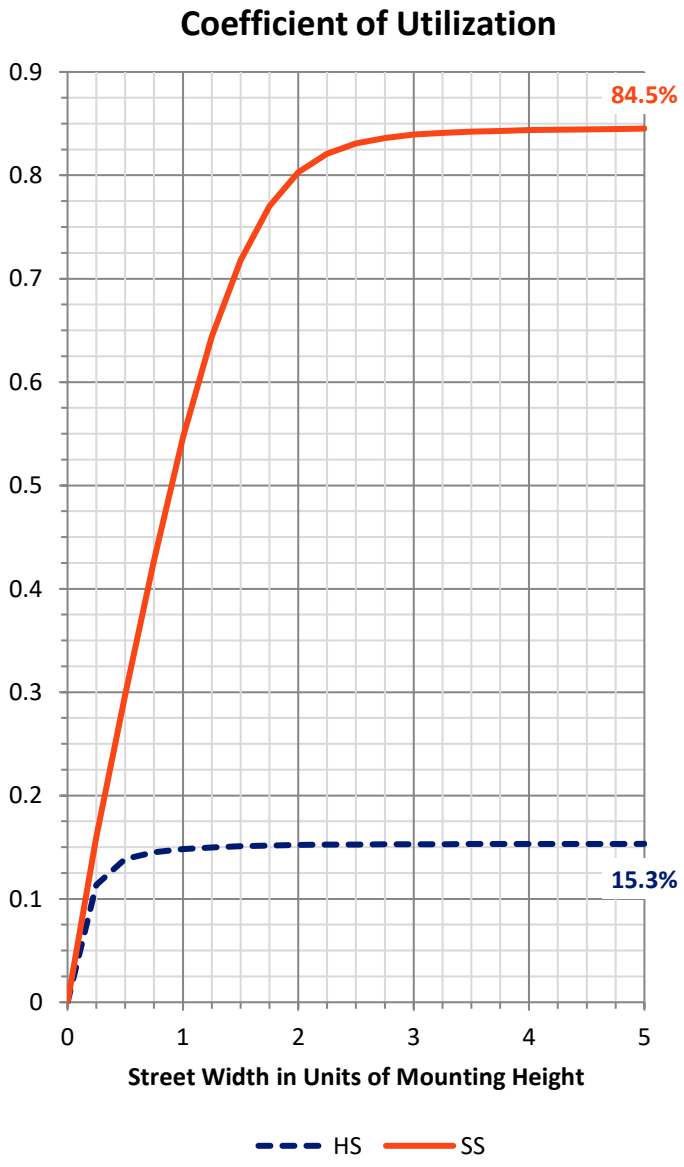
REPORT NUMBER: P1502105
CATALOG NUMBER: GSS-SB4A-740-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2383.7	0.0	2383.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13038.0	0.0	13038.0
	% Fixture	84.5	0.0	84.5
Total	Lumens	15421.7	0.0	15421.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.5	1.2
10°-20°	494.0	3.2
20°-30°	987.6	6.4
30°-40°	2045.2	13.3
40°-50°	3416.5	22.2
50°-60°	4333.2	28.1
60°-70°	3239.4	21.0
70°-80°	686.2	4.4
80°-90°	37.0	0.2
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°	15421.7	100.0
0°-180°	15421.7	100.0



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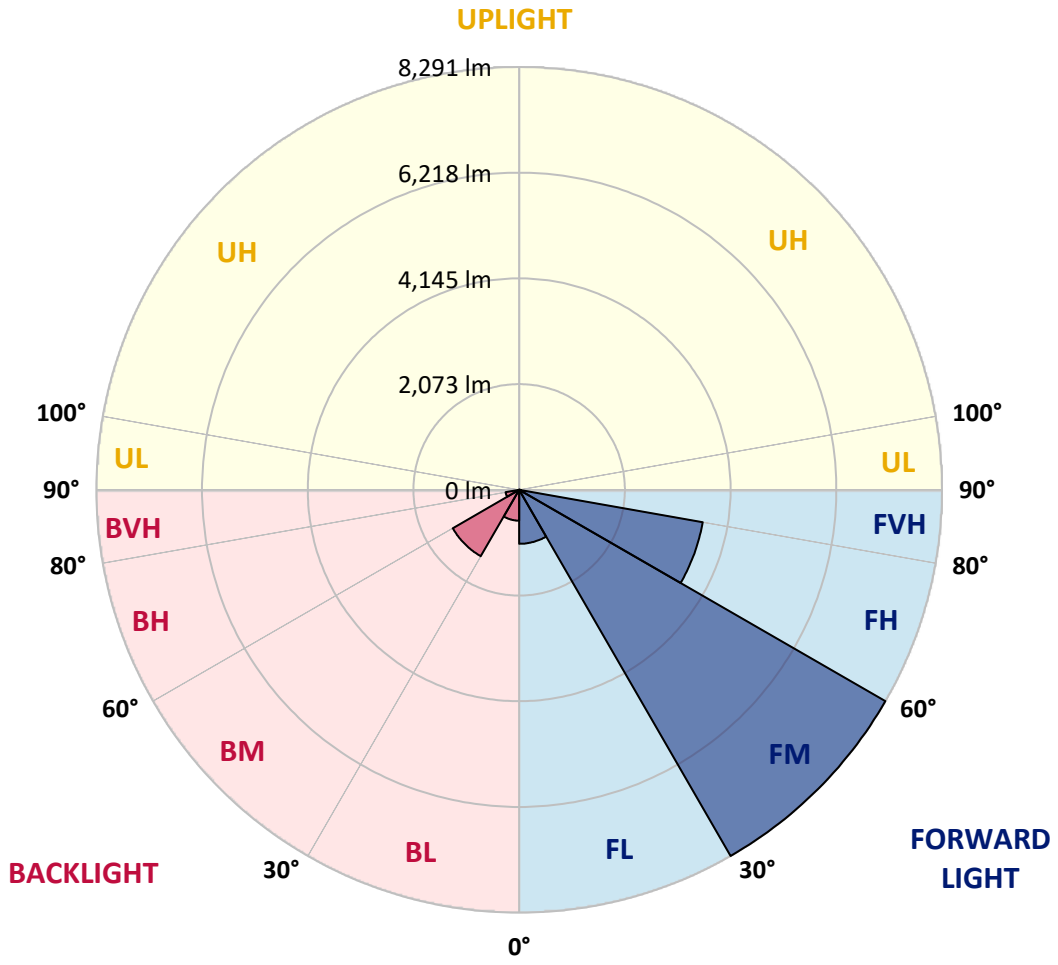
Scaled Data Report

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CATALOG NUMBER: GSS-SB4A-740-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1059.1	6.9			
FM	(30°-60°)	8290.9	53.8			
FH	(60°-80°)	3654.9	23.7			G2/5000
FVH	(80°-90°)	33.0	0.2			G1/100
BL	(0°-30°)	605.1	3.9	B2/1000		
BM	(30°-60°)	1504.0	9.8	B2/2500		
BH	(60°-80°)	270.7	1.8	B1/500		G1/500
BVH	(80°-90°)	3.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	*2013.3*	2013.3
2.5°	1958.9	1963.1	1954.7	1958.9	1967.2	1963.1	1979.8	1992.4	2004.9	*2009.1*	2013.3
5°	1787.3	1791.5	1795.6	1829.1	1850.1	1900.3	1946.3	1975.6	2017.5	*2038.4*	2042.6
7.5°	1582.2	1582.2	1598.9	1640.8	1695.2	1791.5	1896.1	1979.8	2059.3	*2101.2*	2109.6
10°	1544.5	1548.7	1548.7	1578.0	1624.0	1720.3	1854.2	2021.7	2164.0	*2226.8*	2247.7
12.5°	1552.9	1557.1	1561.2	1590.5	1636.6	1720.3	1891.9	2109.6	2331.4	*2436.0*	2448.6
15°	1573.8	1582.2	1594.7	1632.4	1682.6	1791.5	1971.4	2235.1	2532.3	*2666.2*	2699.7
17.5°	1636.6	1640.8	1661.7	1703.6	1783.1	1891.9	2088.6	2398.4	2812.7	*2959.2*	3022.0
20°	1732.9	1741.2	1770.5	1829.1	1921.2	2059.3	2277.0	2611.8	3114.1	*3340.1*	3390.4
22.5°	1854.2	1854.2	1896.1	1988.2	2117.9	2272.8	2536.5	2896.5	3482.4	*3746.1*	3829.9
25°	2055.1	2051.0	2084.4	2189.1	2344.0	2570.0	2837.9	3235.5	3867.5	*4181.4*	4269.3
27.5°	2515.6	2503.0	2490.5	2494.6	2628.6	2917.4	3227.1	3662.4	4344.7	*4713.0*	4780.0
30°	3051.3	3068.1	3051.3	3009.5	3030.4	3298.3	3683.4	4185.6	4880.5	*5294.8*	5382.7
32.5°	3520.1	3528.5	3599.6	3645.7	3662.4	3788.0	4210.7	4817.7	5562.7	*6014.8*	6127.8
35°	4030.8	4043.3	4122.9	4219.1	4369.8	4482.8	4872.1	5550.2	6257.5	*6826.8*	6910.5
37.5°	4625.1	4646.1	4750.7	4888.8	5098.1	5357.6	5566.9	6215.7	6964.9	*7622.0*	7709.9
40°	5148.3	5215.3	5395.3	5571.1	5792.9	6085.9	6224.0	6797.5	7488.1	*8325.2*	8471.7
42.5°	5642.2	5679.9	5968.7	6240.8	6504.5	6743.1	6877.0	7253.7	7952.7	*8978.2*	9141.4
45°	6052.4	6081.7	6404.0	6764.0	7090.5	7329.0	7350.0	7697.4	8413.1	*9668.8*	9794.4
47.5°	6303.6	6349.6	6764.0	7174.2	7534.1	7756.0	7722.5	8262.4	8915.4	*10472.5*	10489.2
50°	6454.2	6483.5	6906.3	7437.9	7881.6	8036.4	8107.6	8802.4	9371.6	*11234.2*	11133.8
52.5°	6563.1	6609.1	7023.5	7588.6	8086.6	8295.9	8551.3	9409.3	9731.6	*11857.9*	11590.0
55°	*6224.0*	*6291.0*	*7006.8*	*7655.5*	*8262.4*	*8614.0*	*9116.3*	*9907.4*	*9773.5*	*12138.3*	*11648.6*
57.5°	5843.1	5855.7	6563.1	7634.6	8459.2	8948.9	9635.3	9945.1	9384.2	*11627.7*	11054.3
60°	5282.3	5357.6	6081.7	7362.5	8492.7	9216.8	9986.9	9488.8	8672.6	*10681.7*	9819.5
62.5°	3708.5	3825.7	4771.6	6646.8	8254.1	9363.3	9928.3	8693.6	7781.1	*9221.0*	8254.1
65°	2076.1	2176.5	2950.9	5361.8	7596.9	9329.8	9325.6	7630.4	6349.6	*6663.5*	5901.7
67.5°	1138.5	1218.0	1531.9	4035.0	6027.3	8614.0	8057.3	5822.2	4256.8	*4231.7*	3683.4
70°	795.3	799.5	966.9	2724.8	4332.1	6010.6	6299.4	3905.2	2641.1	*2335.6*	1971.4
72.5°	389.3	393.4	481.3	1285.0	2649.5	3331.8	4319.6	2030.0	1481.7	*1159.4*	987.8
75°	196.7	192.5	263.7	481.3	1096.6	1624.0	1904.5	1017.1	862.2	*636.2*	565.1
77.5°	125.6	129.8	154.9	263.7	493.9	632.0	586.0	552.5	506.5	*372.5*	322.3
80°	83.7	83.7	104.6	167.4	242.8	301.4	180.0	255.3	297.2	*217.7*	188.4
82.5°	25.1	25.1	62.8	92.1	117.2	121.4	79.5	117.2	167.4	*121.4*	92.1
85°	16.7	16.7	33.5	46.0	50.2	41.9	25.1	50.2	79.5	*54.4*	46.0
87.5°	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	*4.2*	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: P1502105
CATALOG NUMBER: GSS-SB4A-740-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3	2013.3
2.5°	2017.5	2021.7	2034.2	2038.4	2046.8	2051.0	2051.0	2051.0	2046.8	2051.0	2059.3
5°	2051.0	2071.9	2088.6	2084.4	2084.4	2063.5	2046.8	2013.3	1996.5	1992.4	1996.5
7.5°	2134.7	2151.4	2168.2	2143.0	2080.3	1984.0	1879.4	1795.6	1724.5	1691.0	1703.6
10°	2285.4	2306.3	2306.3	2189.1	2013.3	1787.3	1598.9	1444.0	1326.8	1264.1	1293.4
12.5°	2503.0	2519.8	2477.9	2230.9	1896.1	1523.6	1209.6	950.1	799.5	724.1	707.4
15°	2754.1	2779.3	2637.0	2222.6	1711.9	1138.5	753.4	565.1	510.6	493.9	498.1
17.5°	3076.4	3089.0	2812.7	2155.6	1393.8	745.0	535.8	481.3	468.8	460.4	460.4
20°	3474.1	3436.4	2955.1	2042.6	1017.1	586.0	493.9	452.0	439.5	435.3	439.5
22.5°	3901.0	3842.4	3072.3	1829.1	770.2	552.5	473.0	426.9	410.2	406.0	406.0
25°	4348.9	4214.9	3164.3	1515.2	719.9	544.1	447.9	389.3	372.5	364.2	364.2
27.5°	4859.5	4629.3	3214.6	1268.2	732.5	531.6	418.6	355.8	330.7	322.3	322.3
30°	5424.6	5089.7	3218.8	1218.0	757.6	514.8	389.3	318.1	293.0	280.4	284.6
32.5°	6111.0	5558.5	3206.2	1297.5	774.3	502.3	355.8	280.4	259.5	247.0	247.0
35°	6822.6	6127.8	3156.0	1448.2	782.7	464.6	313.9	247.0	221.8	217.7	221.8
37.5°	7530.0	6667.7	3084.8	1531.9	740.9	380.9	255.3	213.5	196.7	196.7	196.7
40°	8174.5	7136.5	2988.5	1460.8	590.2	276.3	209.3	184.2	175.8	171.6	175.8
42.5°	8655.9	7555.1	2812.7	1230.6	418.6	221.8	184.2	163.2	154.9	154.9	159.1
45°	9183.3	7956.9	2473.7	904.1	318.1	192.5	159.1	142.3	138.1	138.1	142.3
47.5°	9714.9	8279.2	2147.2	602.7	276.3	171.6	142.3	129.8	125.6	121.4	125.6
50°	10120.9	8434.1	1720.3	439.5	251.1	154.9	129.8	121.4	113.0	108.8	108.8
52.5°	10409.7	8392.2	1259.9	376.7	230.2	142.3	121.4	113.0	100.5	100.5	100.5
55°	*10233.9*	*7856.4*	*908.3*	*339.0*	*213.5*	*133.9*	*117.2*	*104.6*	*96.3*	*92.1*	*92.1*
57.5°	9380.0	6697.0	657.1	305.6	188.4	125.6	113.0	100.5	87.9	83.7	83.7
60°	8153.6	5215.3	489.7	267.9	163.2	121.4	100.5	96.3	83.7	75.3	75.3
62.5°	6663.5	3796.4	380.9	230.2	146.5	104.6	96.3	87.9	75.3	67.0	62.8
65°	4625.1	2423.5	293.0	188.4	138.1	92.1	87.9	75.3	62.8	50.2	50.2
67.5°	2854.6	1439.9	226.0	146.5	108.8	79.5	75.3	67.0	54.4	41.9	41.9
70°	1578.0	761.8	154.9	108.8	83.7	62.8	58.6	58.6	46.0	37.7	33.5
72.5°	757.6	414.4	104.6	92.1	62.8	41.9	46.0	46.0	37.7	29.3	29.3
75°	456.2	247.0	71.2	71.2	41.9	33.5	33.5	37.7	29.3	20.9	20.9
77.5°	259.5	146.5	41.9	54.4	29.3	20.9	25.1	20.9	16.7	12.6	12.6
80°	146.5	83.7	25.1	37.7	16.7	12.6	12.6	8.4	8.4	4.2	4.2
82.5°	71.2	46.0	12.6	12.6	8.4	4.2	4.2	4.2	4.2	0.0	0.0
85°	33.5	8.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

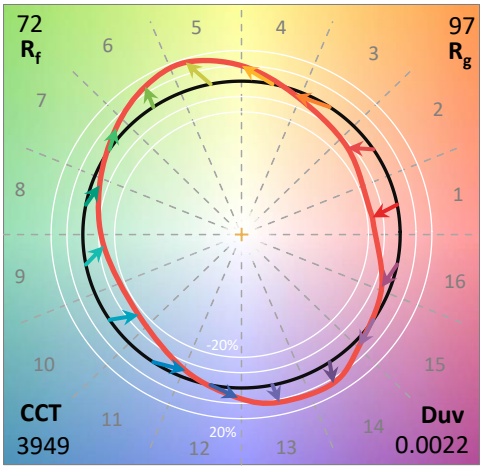
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

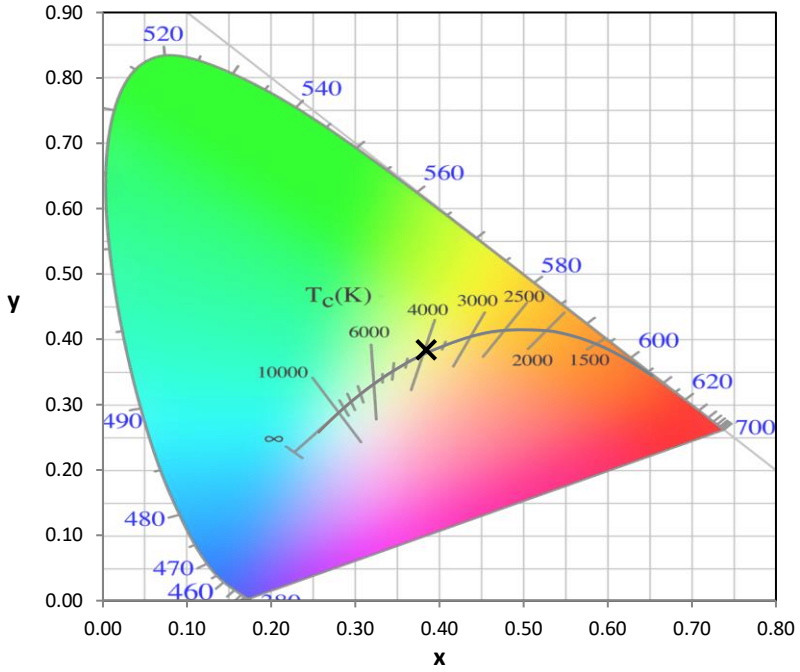
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

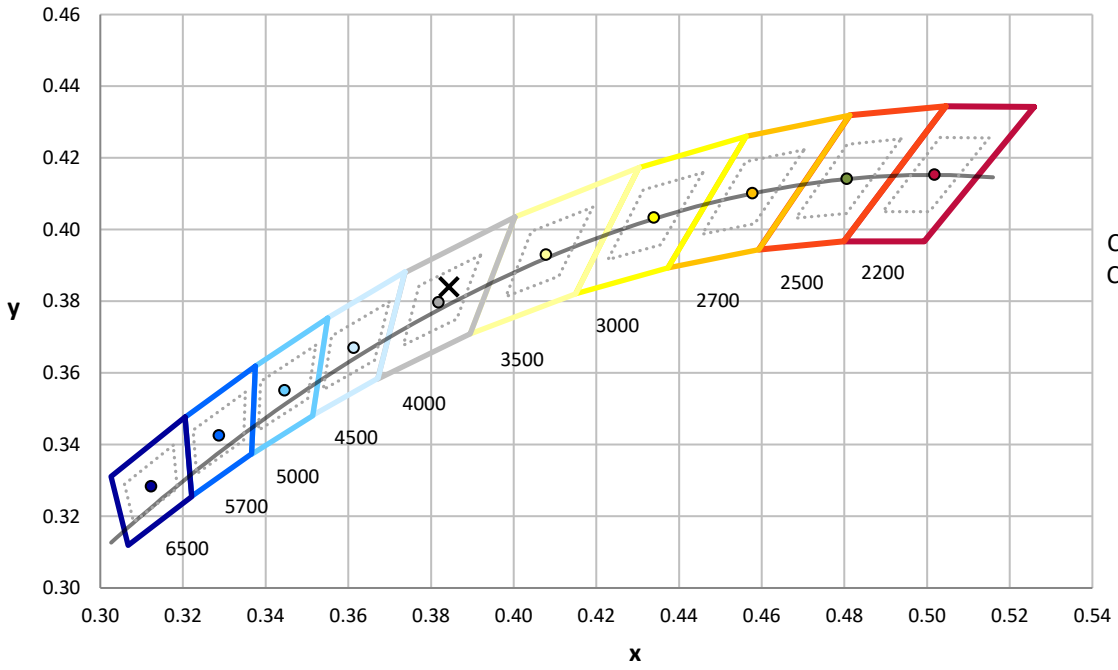
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

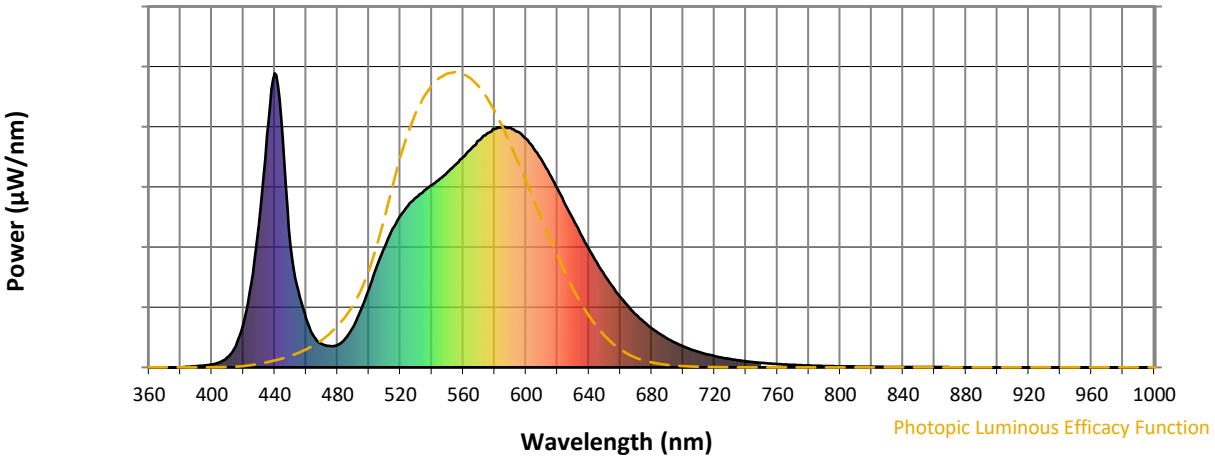


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

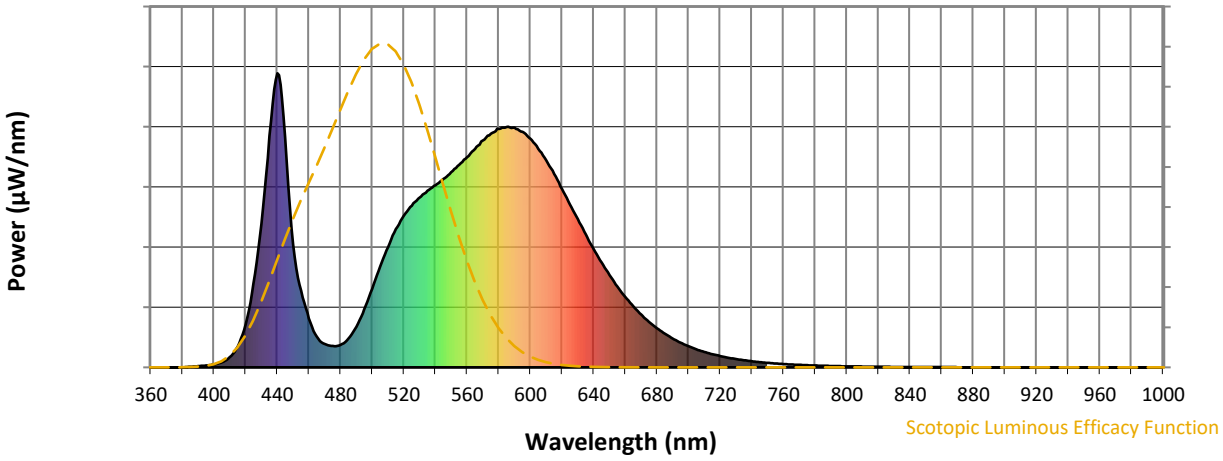


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

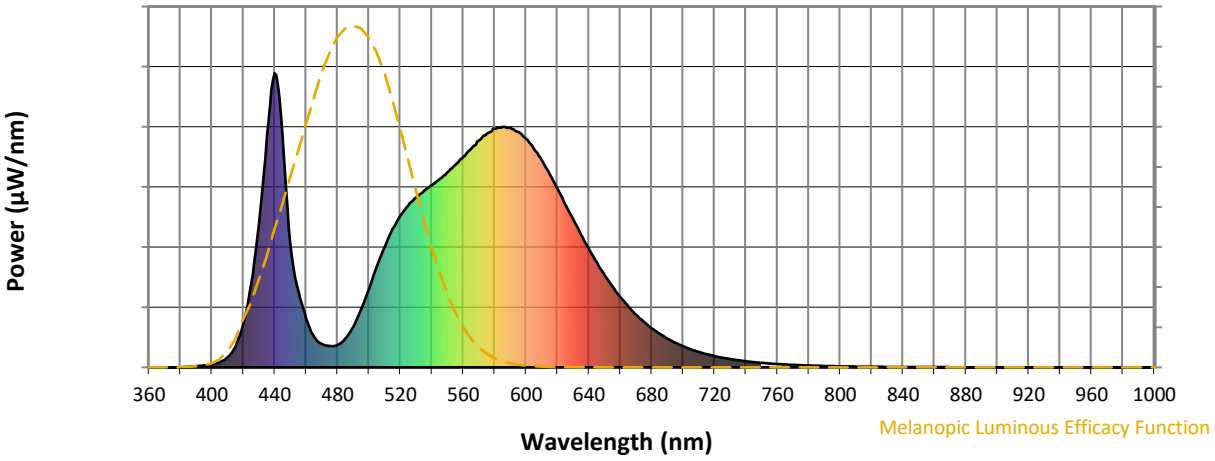


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

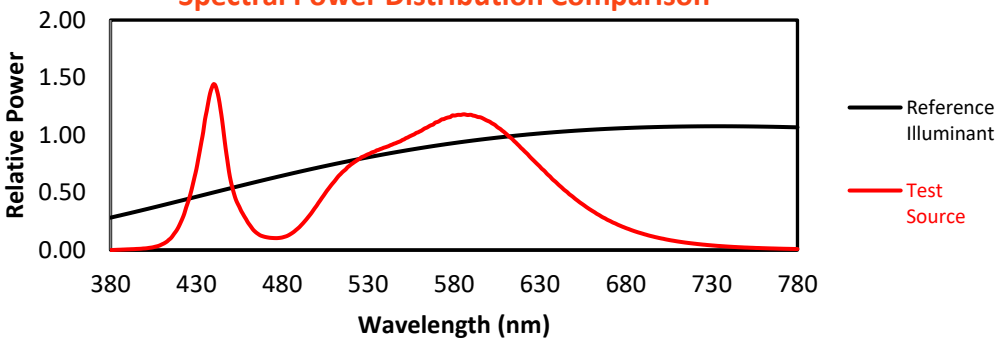
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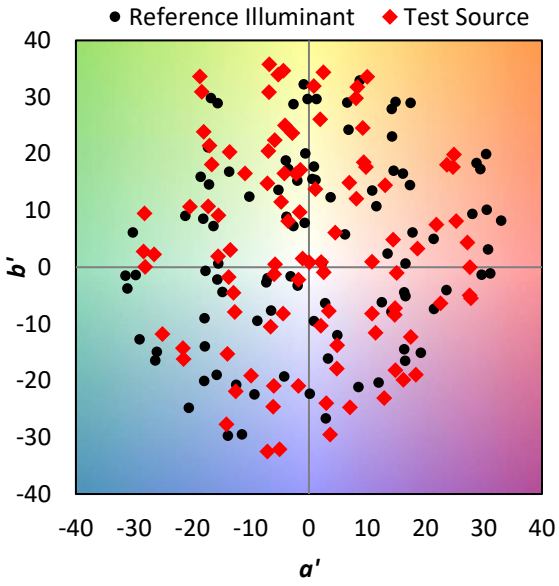
Summary

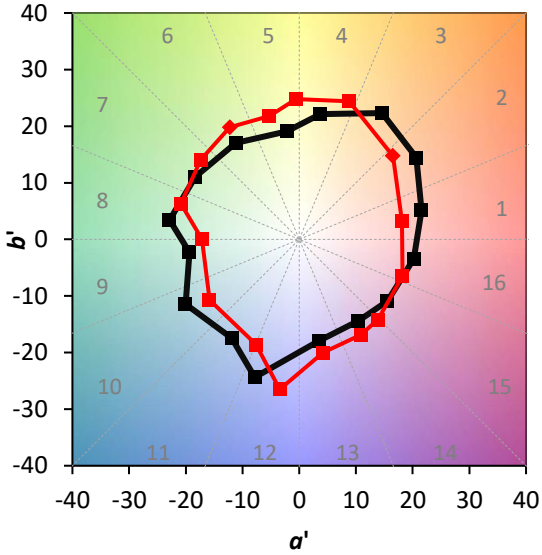
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

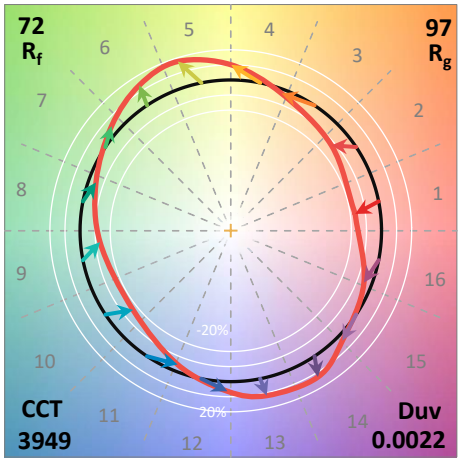
Spectral Power Distribution Comparison

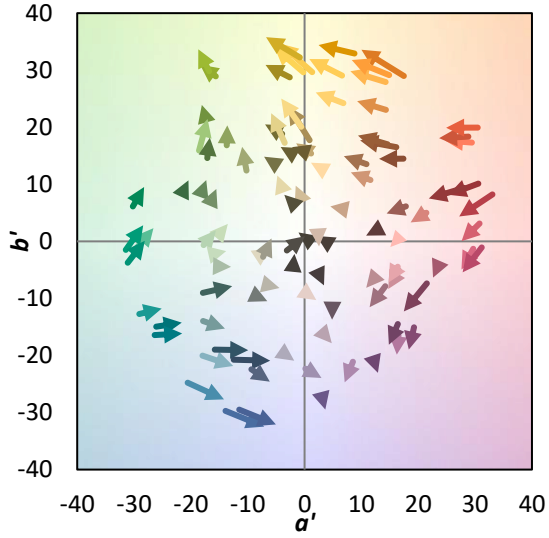


Color Vector Graphics







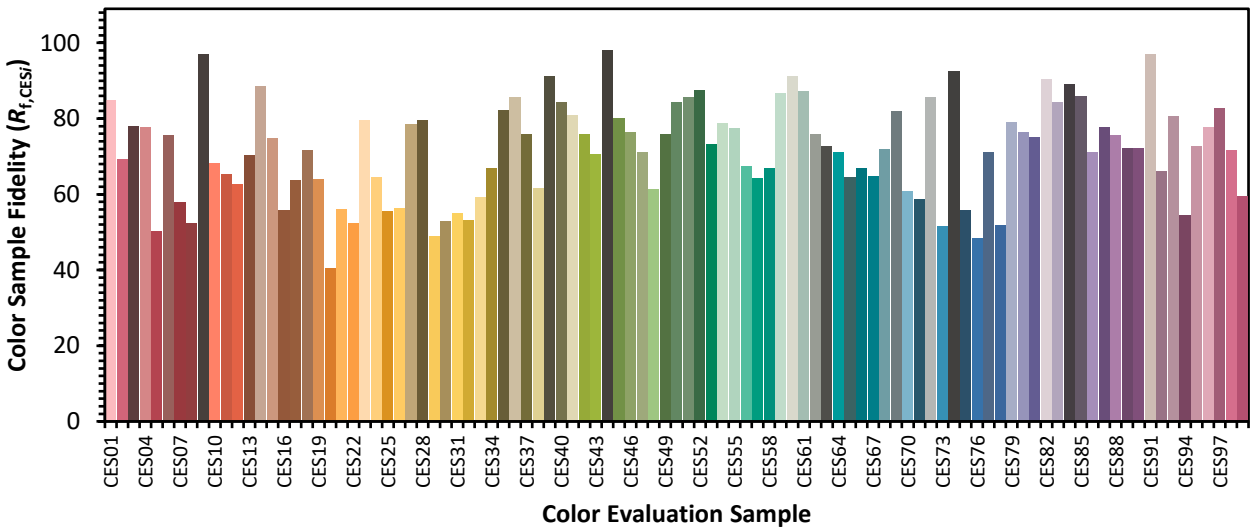


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Individual Sample Fidelity Index ($R_{f,i}$)

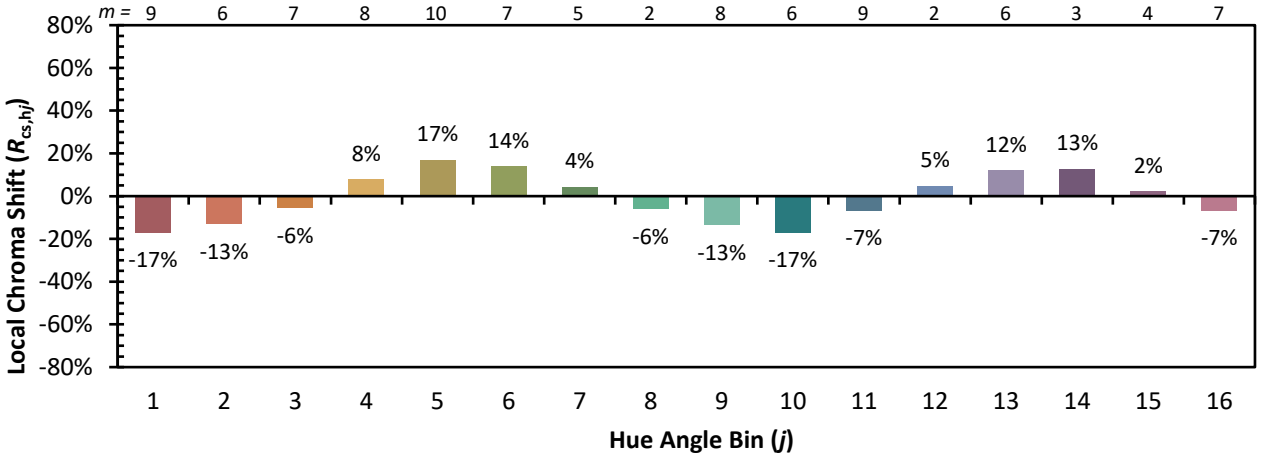
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

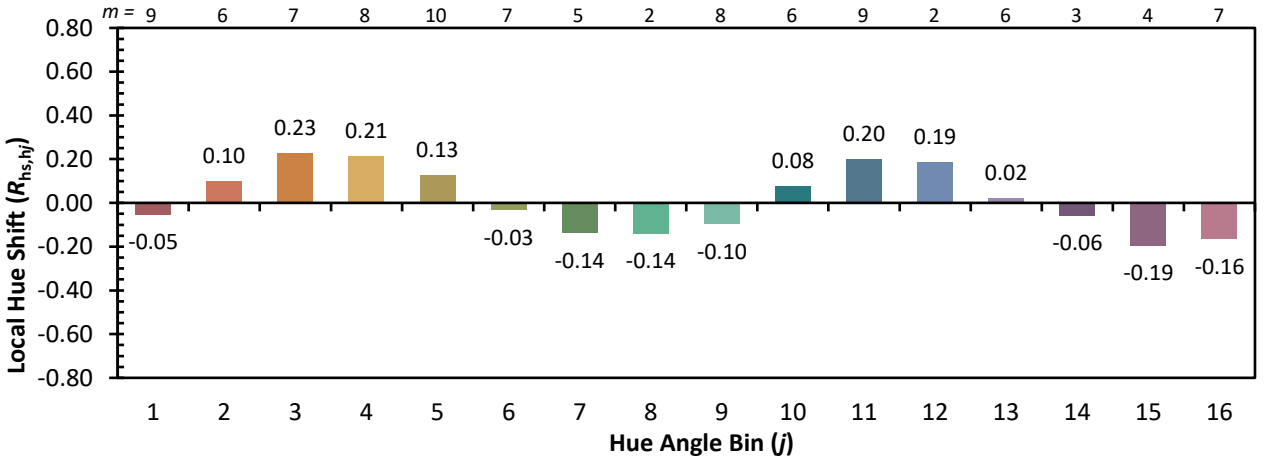


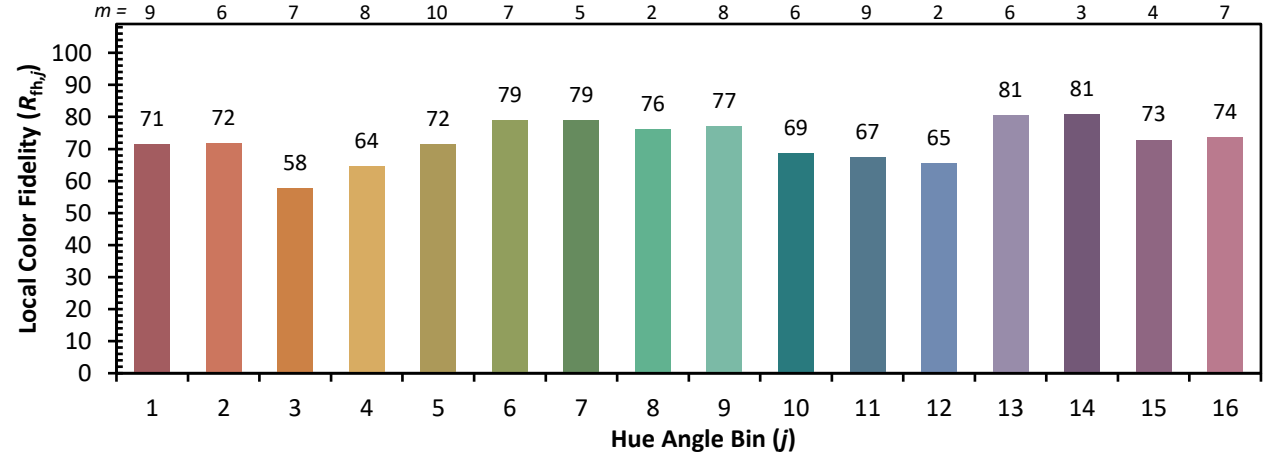
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Color Rendition by Hue-Angle Bin



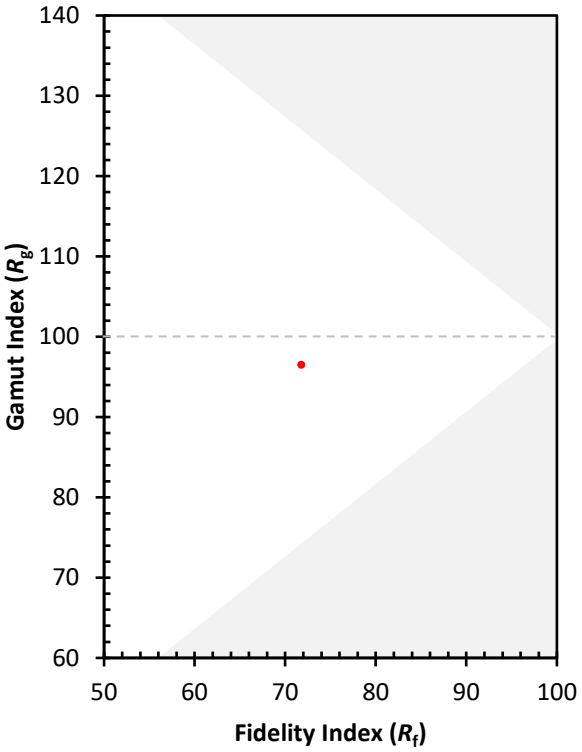


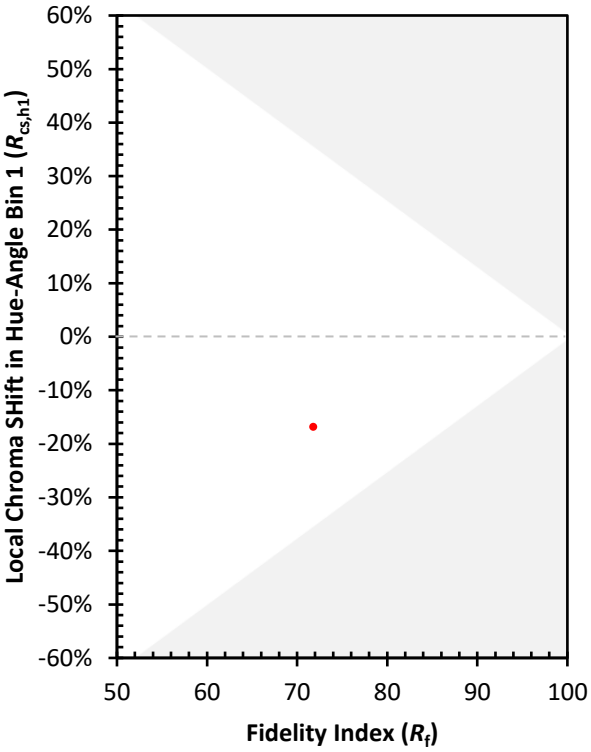


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Measure Comparisons





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