Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1501182

Luminaire Tested: GSS-SB1B-840-U-T3LG

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:	P1501182
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5011.8 lumens
Efficiency:	N/A
Efficacy:	125.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

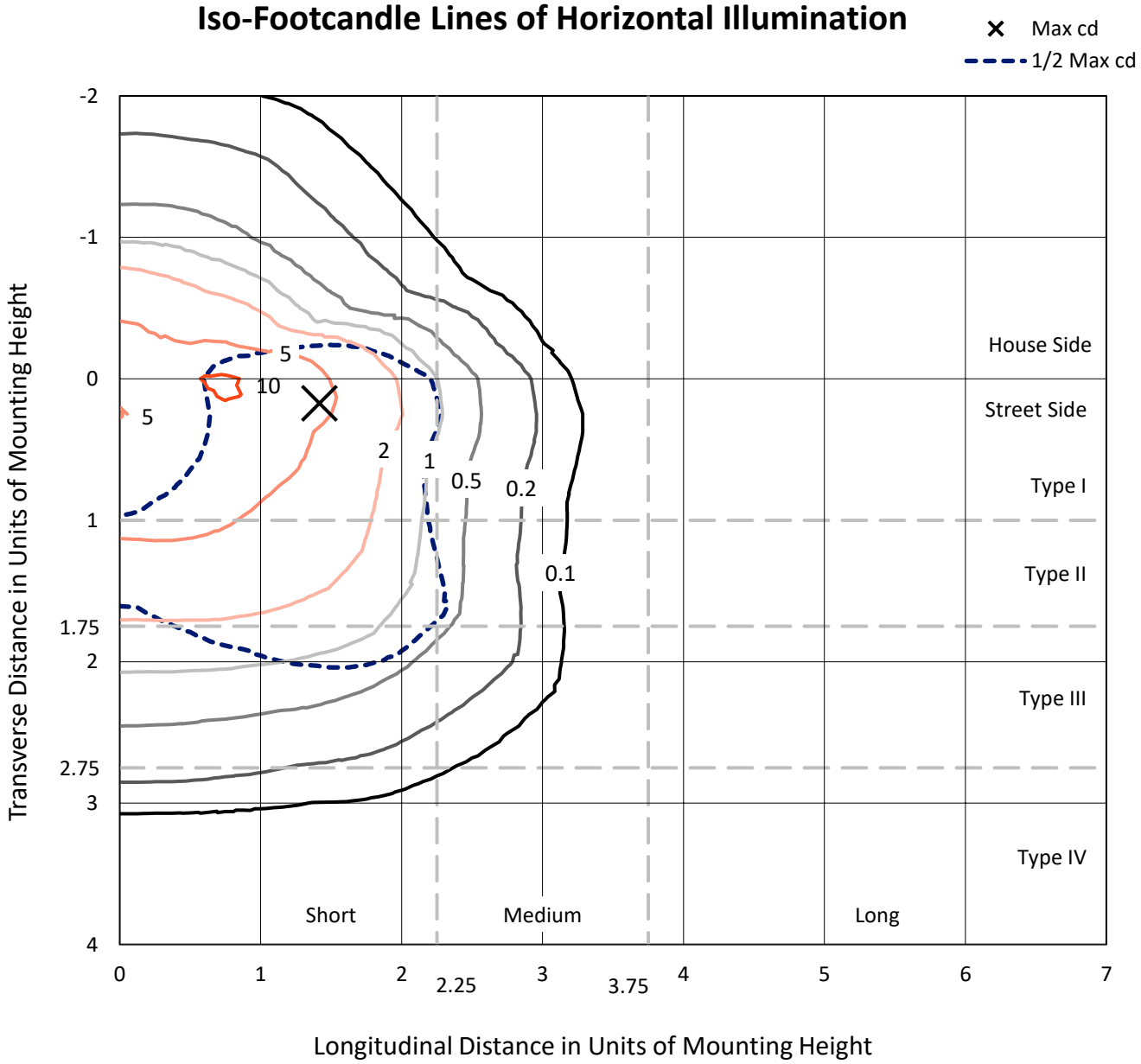
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501182
CATALOG NUMBER: GSS-SB1B-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



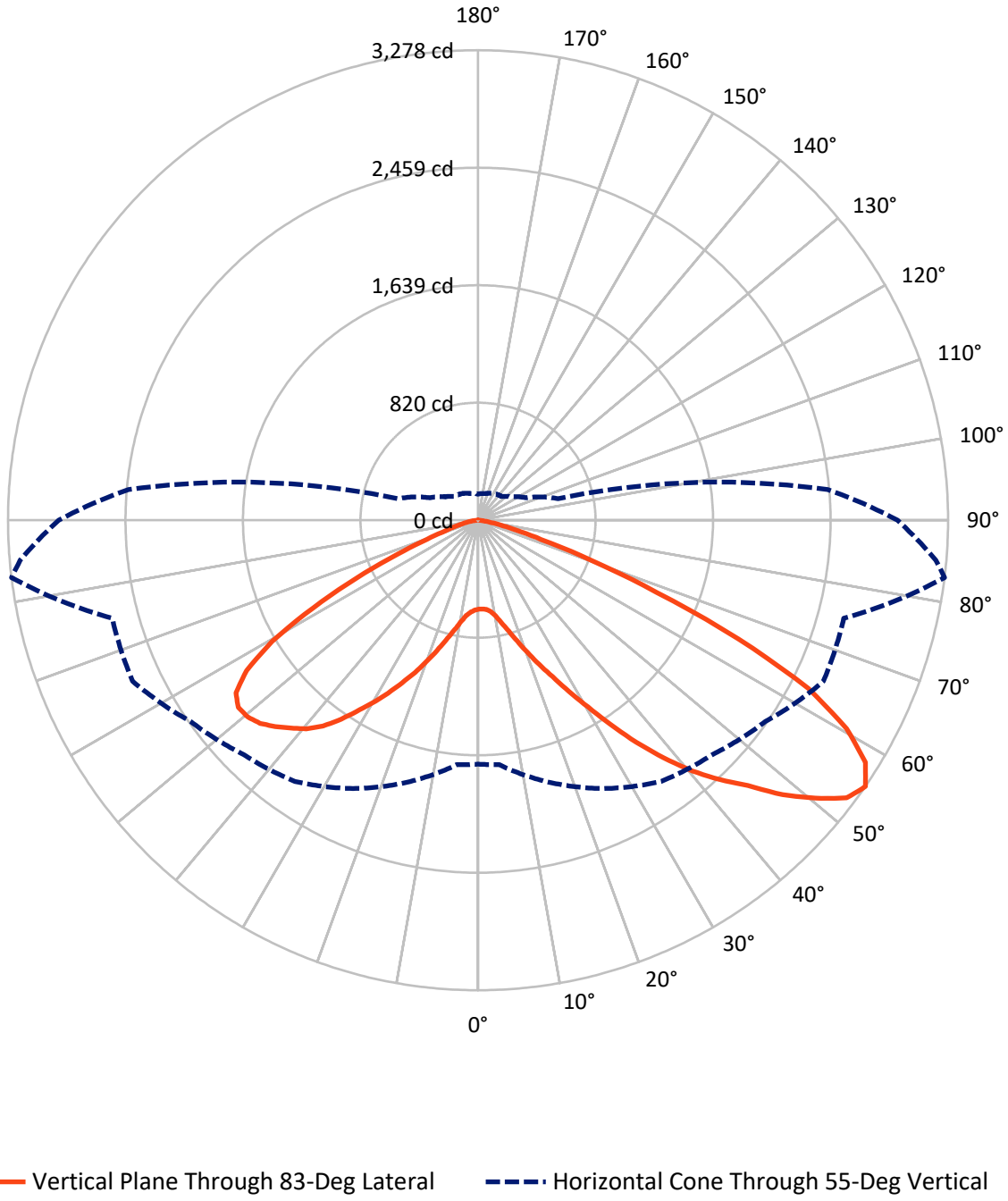
Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1501182
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Luminous Intensity Polar Plot



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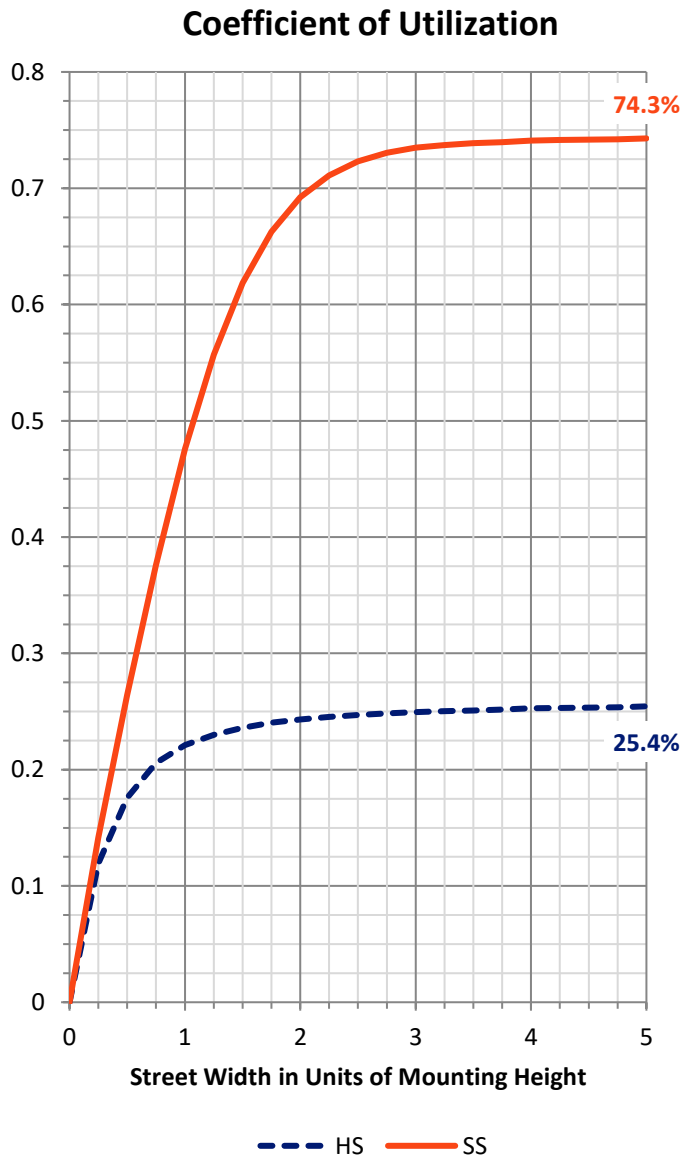
REPORT NUMBER: P1501182
CATALOG NUMBER: GSS-SB1B-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1286.1	0.0	1286.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	3725.6	0.0	3725.6
	% Fixture	74.3	0.0	74.3
Total	Lumens	5011.8	0.0	5011.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.9	1.2
10°-20°	195.3	3.9
20°-30°	391.0	7.8
30°-40°	695.6	13.9
40°-50°	1048.2	20.9
50°-60°	1277.3	25.5
60°-70°	1032.9	20.6
70°-80°	282.9	5.6
80°-90°	28.8	0.6
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°	5011.8	100.0
0°-180°	5011.8	100.0



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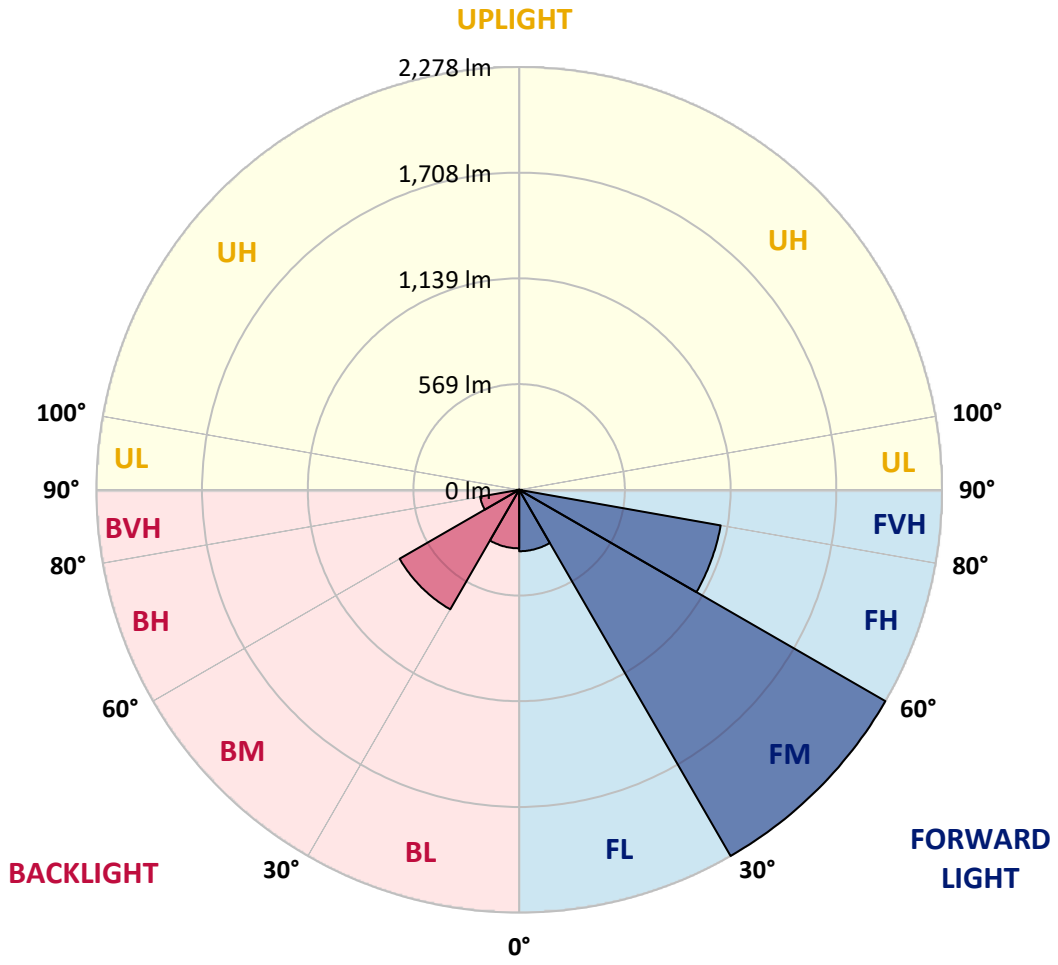
Scaled Data Report

REPORT NUMBER: P1501182
CATALOG NUMBER: GSS-SB1B-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	330.9	6.6			
FM	(30°-60°)	2277.5	45.4			
FH	(60°-80°)	1102.2	22.0			G1/1800
FVH	(80°-90°)	15.0	0.3			G1/100
BL	(0°-30°)	315.3	6.3	B1/500		
BM	(30°-60°)	743.5	14.8	B1/1000		
BH	(60°-80°)	213.5	4.3	B1/500		G1/500
BVH	(80°-90°)	13.8	0.3			G1/100
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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REPORT NUMBER: P1501182
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4	*620.4*	620.4
2.5°	602.6	601.5	600.4	599.2	601.5	604.8	608.1	610.4	615.9	*620.4*	618.2
5°	554.7	552.5	554.7	563.6	571.4	584.8	598.1	607.0	619.3	*624.9*	627.1
7.5°	512.4	510.1	512.4	523.5	536.9	558.0	585.9	608.1	630.4	*643.8*	646.0
10°	512.4	513.5	513.5	517.9	524.6	545.8	579.2	621.5	660.5	*679.4*	683.9
12.5°	529.1	529.1	529.1	534.6	539.1	555.8	593.7	646.0	708.4	*736.2*	739.6
15°	551.3	550.2	553.6	556.9	564.7	581.4	619.3	681.7	760.7	*803.1*	807.5
17.5°	582.5	580.3	583.6	591.4	602.6	621.5	659.4	730.7	833.1	*886.6*	893.3
20°	617.1	615.9	622.6	634.9	650.5	673.9	717.3	789.7	915.6	*983.5*	995.8
22.5°	658.3	656.0	668.3	690.6	711.7	738.5	790.8	866.6	1010.2	*1091.5*	1103.8
25°	705.1	705.1	721.8	748.5	780.8	828.7	881.0	964.6	1121.6	*1208.5*	1227.4
27.5°	781.9	787.5	794.2	822.0	867.7	932.3	988.0	1082.6	1243.0	*1352.2*	1358.9
30°	906.7	904.4	915.6	934.5	972.4	1040.3	1123.9	1225.2	1396.7	*1511.5*	1528.2
32.5°	1019.2	1022.5	1038.1	1073.7	1119.4	1177.3	1277.6	1402.3	1563.8	*1696.4*	1704.2
35°	1132.8	1135.0	1165.1	1218.5	1286.5	1351.1	1460.2	1582.7	1745.4	*1902.4*	1923.6
37.5°	1292.0	1289.8	1319.9	1365.6	1456.9	1557.1	1645.1	1762.1	1919.1	*2102.9*	2127.4
40°	1411.2	1423.5	1480.3	1538.2	1624.0	1727.5	1802.2	1912.4	2061.7	*2298.9*	2321.2
42.5°	1533.7	1543.8	1619.5	1706.4	1796.6	1866.8	1924.7	2027.2	2175.3	*2472.7*	2484.9
45°	1635.1	1648.5	1735.3	1845.6	1939.2	2010.5	2030.5	2126.3	2291.1	*2639.8*	2658.7
47.5°	1699.7	1714.2	1816.7	1945.9	2041.6	2117.4	2110.7	2245.5	2414.8	*2861.4*	2854.7
50°	1744.3	1753.2	1864.5	2002.7	2127.4	2177.5	2206.5	2380.2	2541.8	*3047.4*	3022.9
52.5°	1776.6	1791.0	1892.4	2043.9	2175.3	2241.0	2319.0	2536.2	2629.7	*3217.8*	3163.3
55°	*1700.8*	*1712.0*	*1890.2*	*2065.0*	*2224.3*	*2311.2*	*2447.1*	*2657.6*	*2640.9*	*3278.0*	*3204.5*
57.5°	1622.8	1631.8	1796.6	2059.5	2277.8	2398.1	2593.0	2673.2	2541.8	*3185.5*	3093.1
60°	1524.8	1531.5	1696.4	2000.4	2278.9	2466.0	2667.6	2559.6	2358.0	*2952.8*	2864.8
62.5°	1344.4	1344.4	1525.9	1841.2	2223.2	2500.5	2647.6	2344.6	2111.8	*2586.3*	2464.9
65°	1166.2	1158.4	1280.9	1557.1	2075.1	2491.6	2497.2	2072.8	1729.8	*1994.9*	1900.2
67.5°	972.4	973.5	1045.9	1264.2	1680.8	2305.6	2179.8	1601.7	1205.2	*1343.3*	1294.3
70°	658.3	675.0	748.5	917.8	1267.5	1634.0	1735.3	1084.9	751.8	*834.3*	794.2
72.5°	250.6	254.0	339.7	481.2	800.8	982.4	1210.7	607.0	440.0	*460.0*	462.2
75°	105.8	110.3	144.8	202.7	355.3	535.8	637.1	307.4	267.3	*275.1*	272.9
77.5°	71.3	73.5	88.0	109.2	160.4	215.0	266.2	173.8	163.7	*153.7*	149.3
80°	53.5	53.5	63.5	73.5	90.2	110.3	115.8	88.0	98.0	*81.3*	79.1
82.5°	34.5	36.8	40.1	43.4	51.2	54.6	46.8	47.9	56.8	*42.3*	40.1
85°	16.7	17.8	18.9	20.0	20.0	18.9	16.7	21.2	29.0	*17.8*	16.7
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1	*1.1*	1.1
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: P1501182
CATALOG NUMBER: GSS-SB1B-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4	620.4
2.5°	621.5	626.0	629.3	631.5	637.1	636.0	639.3	641.6	643.8	647.1	642.7
5°	632.7	640.5	649.4	656.0	662.7	666.1	667.2	669.4	670.5	672.8	671.6
7.5°	657.2	666.1	679.4	686.1	691.7	691.7	688.3	687.2	683.9	686.1	686.1
10°	698.4	711.7	726.2	727.3	720.6	712.8	700.6	693.9	685.0	682.8	680.5
12.5°	758.5	776.3	787.5	779.7	756.3	727.3	695.0	665.0	641.6	631.5	629.3
15°	826.5	848.7	851.0	828.7	786.4	716.2	648.2	614.8	602.6	602.6	601.5
17.5°	920.0	935.6	926.7	873.2	778.6	663.8	614.8	609.3	612.6	617.1	617.1
20°	1018.0	1035.9	999.1	904.4	730.7	632.7	618.2	622.6	630.4	634.9	633.8
22.5°	1135.0	1143.9	1072.6	905.5	679.4	624.9	624.9	630.4	636.0	642.7	642.7
25°	1255.3	1251.9	1140.6	864.3	650.5	622.6	620.4	624.9	627.1	630.4	629.3
27.5°	1390.1	1372.2	1192.9	798.6	641.6	615.9	604.8	600.4	602.6	605.9	607.0
30°	1544.9	1502.6	1235.2	757.4	638.2	600.4	573.6	561.4	559.1	563.6	563.6
32.5°	1724.2	1632.9	1260.9	751.8	634.9	572.5	536.9	513.5	509.0	511.2	516.8
35°	1908.0	1789.9	1254.2	766.3	636.0	550.2	497.9	466.7	462.2	464.5	470.0
37.5°	2100.7	1939.2	1228.6	788.6	627.1	520.2	462.2	424.4	417.7	422.1	424.4
40°	2249.9	2065.0	1165.1	797.5	611.5	482.3	421.0	388.7	370.9	369.8	375.4
42.5°	2388.0	2164.2	1096.0	783.0	579.2	442.2	378.7	346.4	318.6	297.4	297.4
45°	2526.2	2264.4	1025.8	741.8	525.7	399.9	334.1	290.7	258.4	242.8	243.9
47.5°	2664.3	2361.3	942.3	679.4	472.3	355.3	286.3	251.7	229.4	217.2	217.2
50°	2792.4	2431.5	835.4	580.3	411.0	310.8	252.8	232.8	216.1	204.9	202.7
52.5°	2904.9	2478.3	690.6	460.0	344.2	260.6	235.0	219.4	207.2	194.9	191.6
55°	*2924.9*	*2447.1*	*578.1*	*369.8*	*284.0*	*233.9*	*221.7*	*208.3*	*191.6*	*186.0*	*182.7*
57.5°	2801.3	2282.2	487.9	311.9	242.8	215.0	210.5	194.9	181.6	176.0	172.6
60°	2590.8	1982.6	403.2	267.3	216.1	197.1	202.7	187.1	166.0	162.6	159.3
62.5°	2212.1	1547.1	321.9	225.0	196.0	183.8	189.4	167.1	149.3	144.8	143.7
65°	1719.7	1107.1	270.7	198.3	180.4	170.4	168.2	148.1	134.8	131.4	131.4
67.5°	1200.7	703.9	226.1	181.6	160.4	153.7	152.6	139.2	130.3	127.0	127.0
70°	735.1	426.6	190.5	166.0	141.5	129.2	137.0	134.8	121.4	118.1	117.0
72.5°	382.0	255.1	167.1	152.6	119.2	110.3	122.5	123.6	112.5	117.0	115.8
75°	221.7	177.1	145.9	134.8	94.7	92.4	106.9	118.1	109.2	112.5	110.3
77.5°	127.0	113.6	112.5	110.3	74.6	75.7	95.8	105.8	93.6	96.9	89.1
80°	70.2	73.5	78.0	69.1	52.3	59.0	76.9	84.7	71.3	70.2	64.6
82.5°	36.8	45.7	52.3	44.6	30.1	35.6	52.3	52.3	45.7	43.4	42.3
85°	16.7	18.9	24.5	22.3	11.1	13.4	24.5	26.7	23.4	21.2	20.0
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.3	1.1	1.1	1.1
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

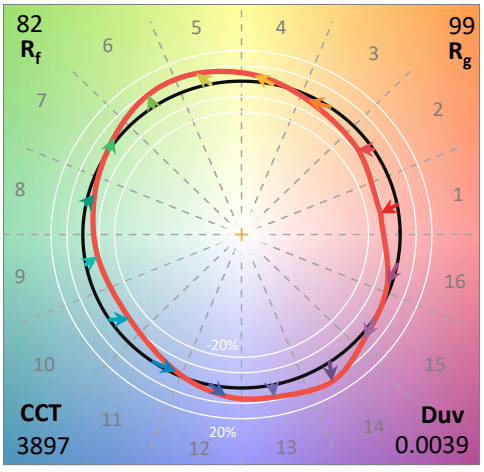
Test Information

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

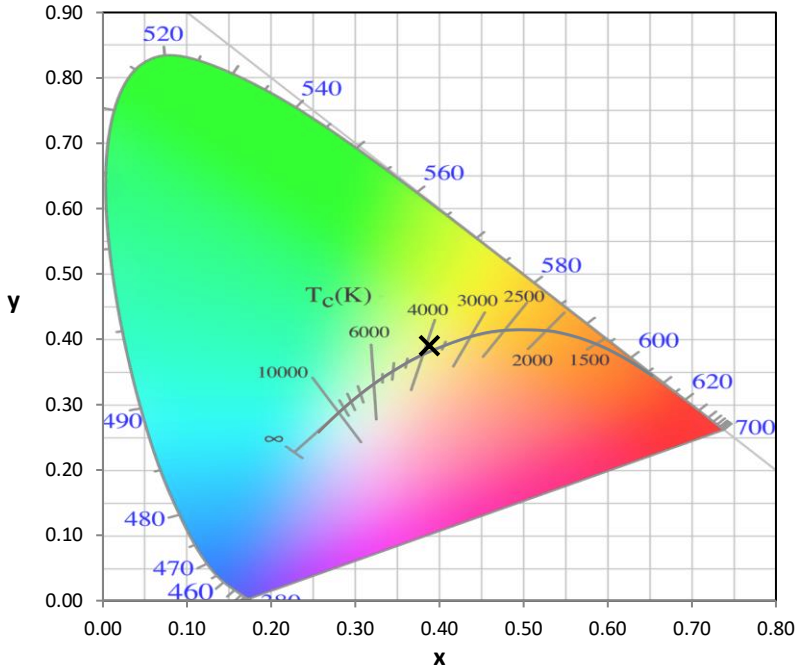
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

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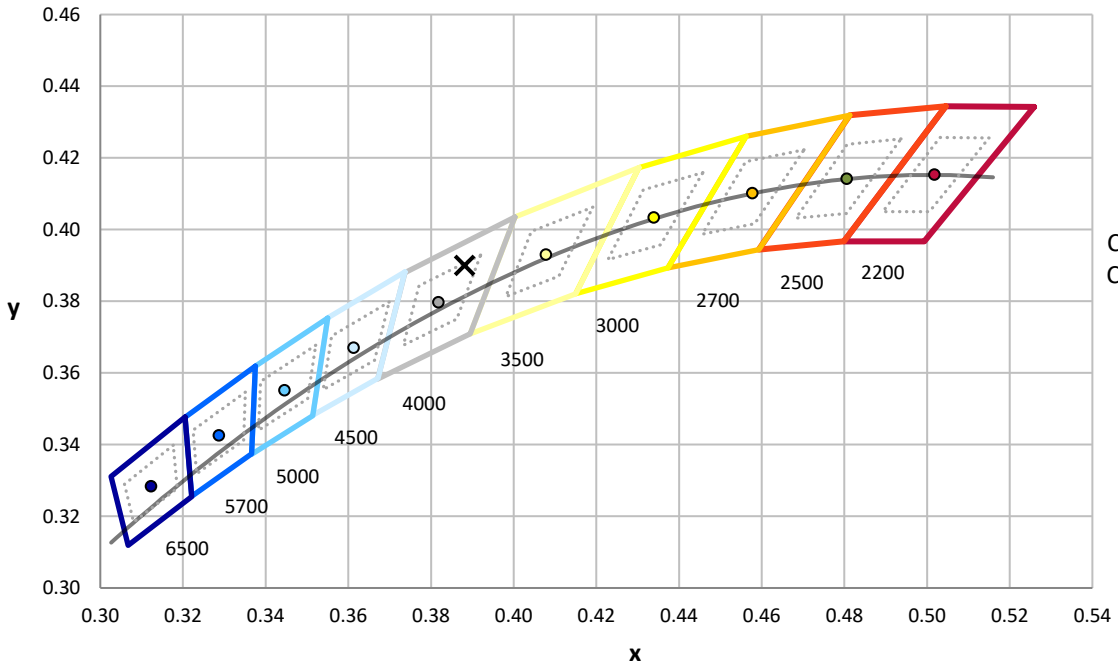
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

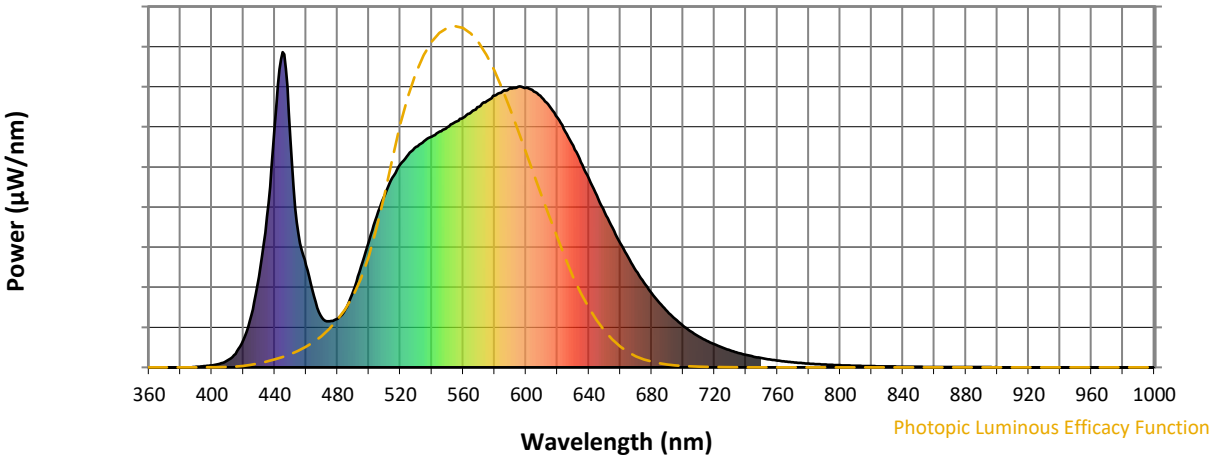


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

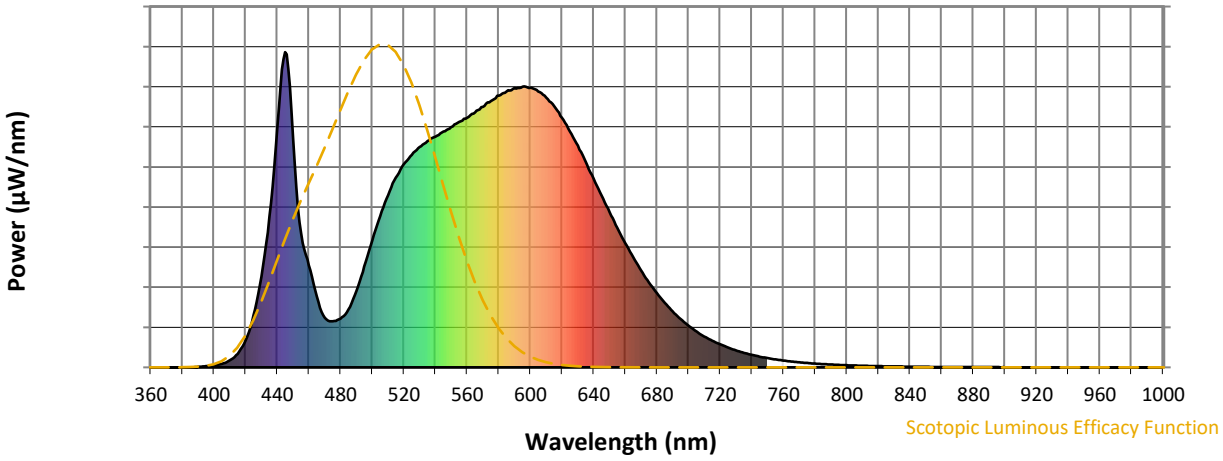


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

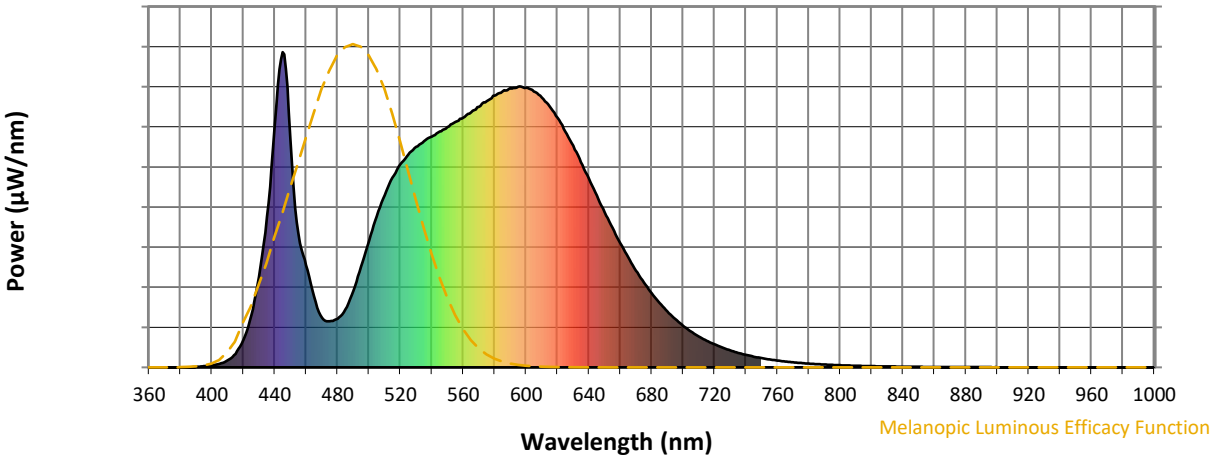


Scotopic Lumens: NR **S/P: 1.57**

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			

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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			

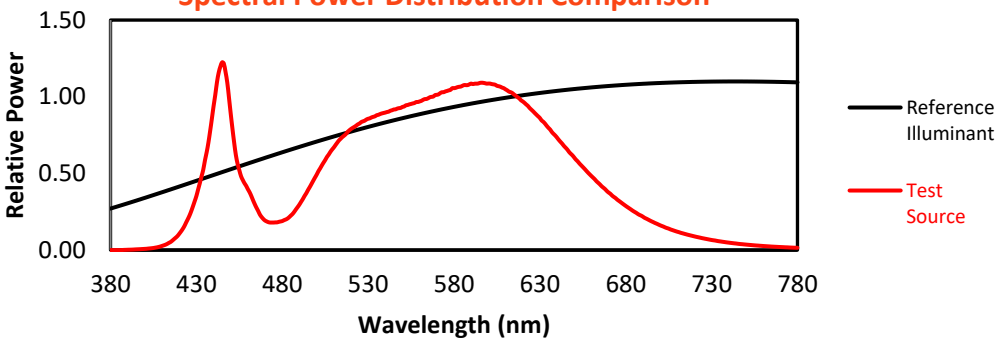
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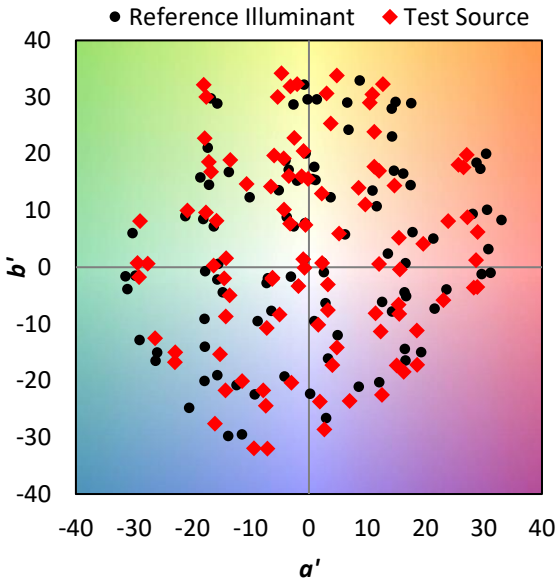
Summary

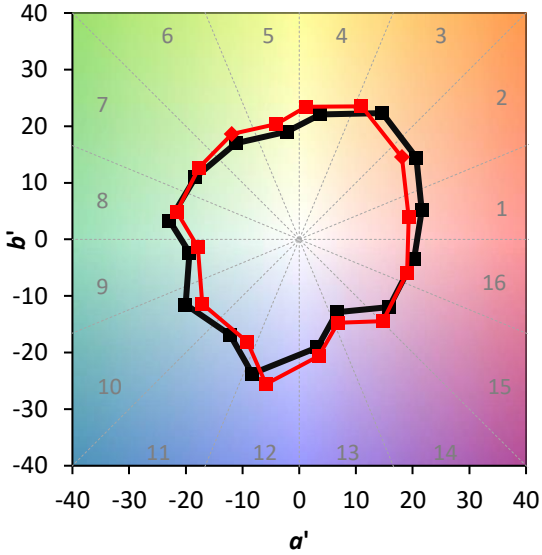
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

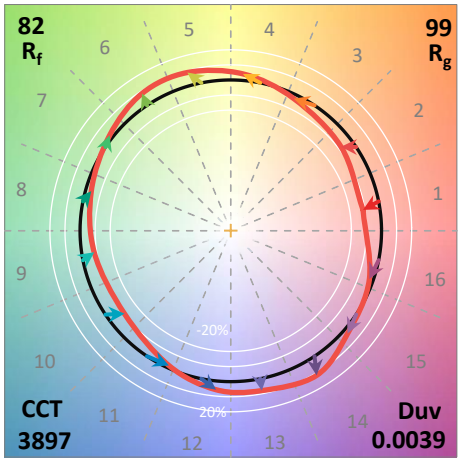
Spectral Power Distribution Comparison

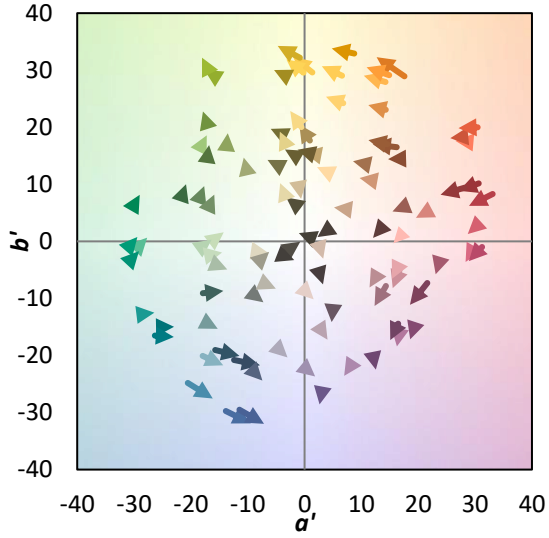


Color Vector Graphics







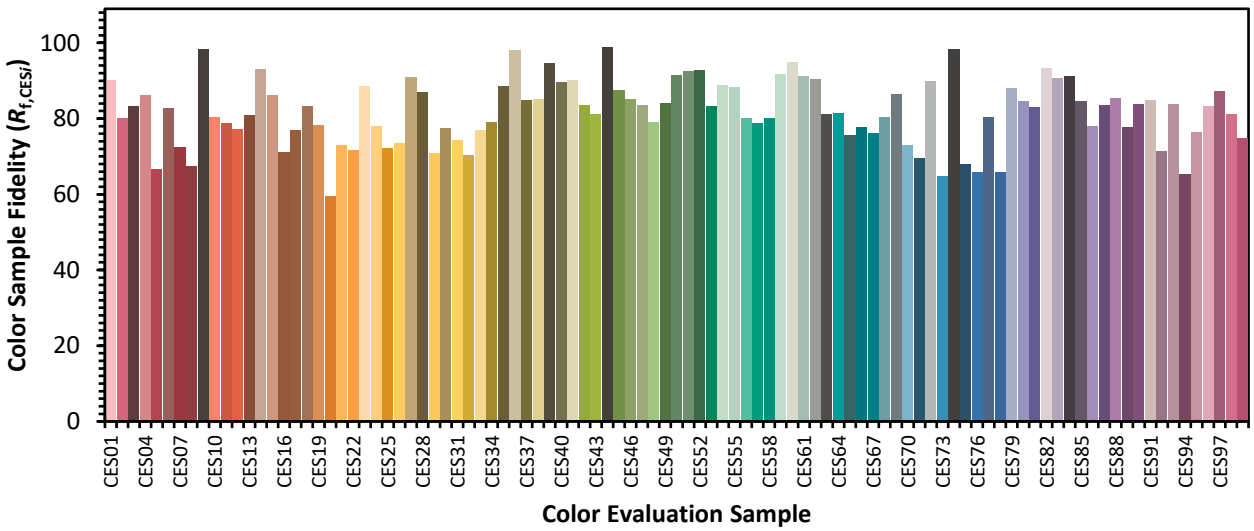


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Individual Sample Fidelity Index ($R_{f,i}$)

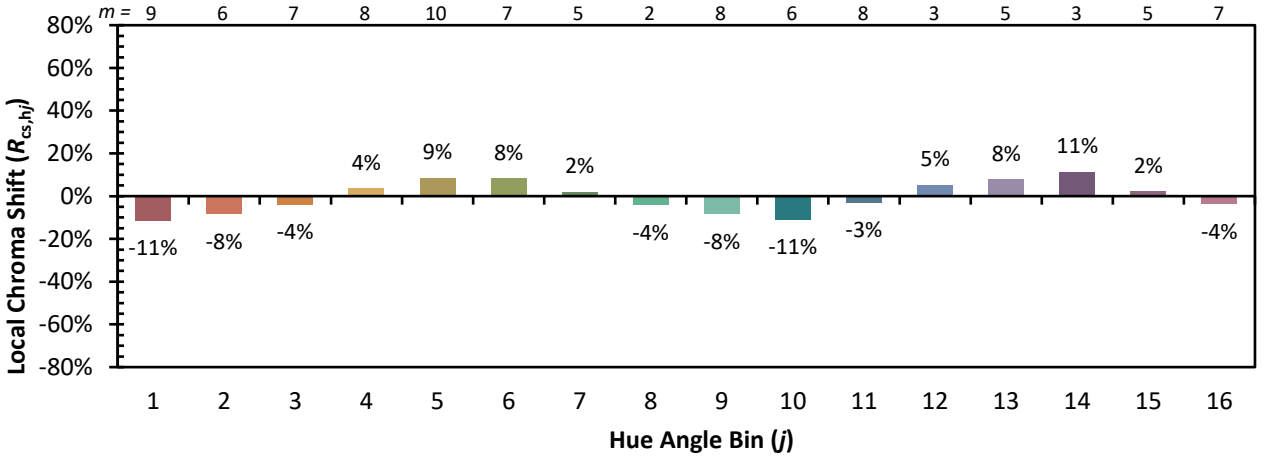
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

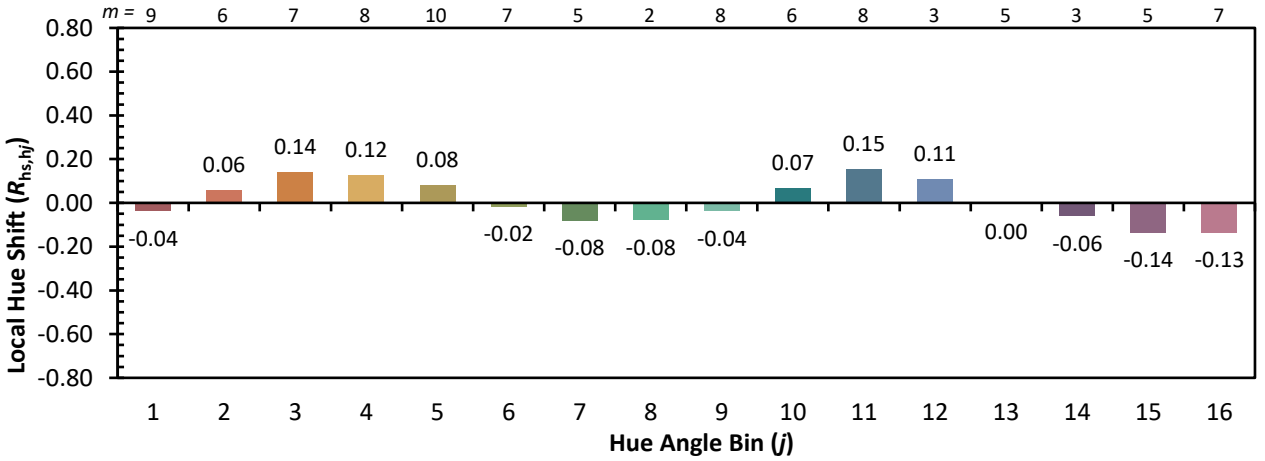


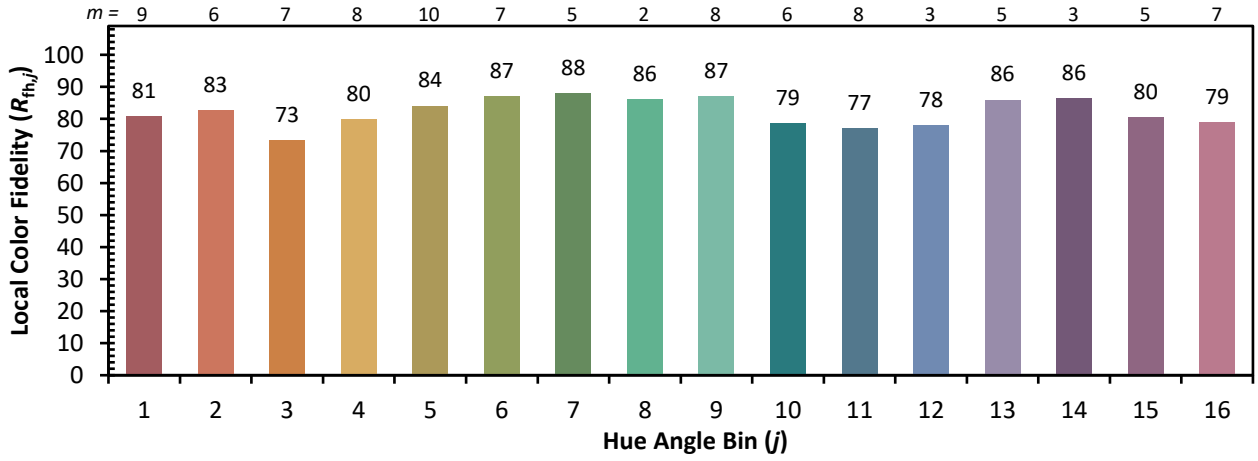
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Color Rendition by Hue-Angle Bin



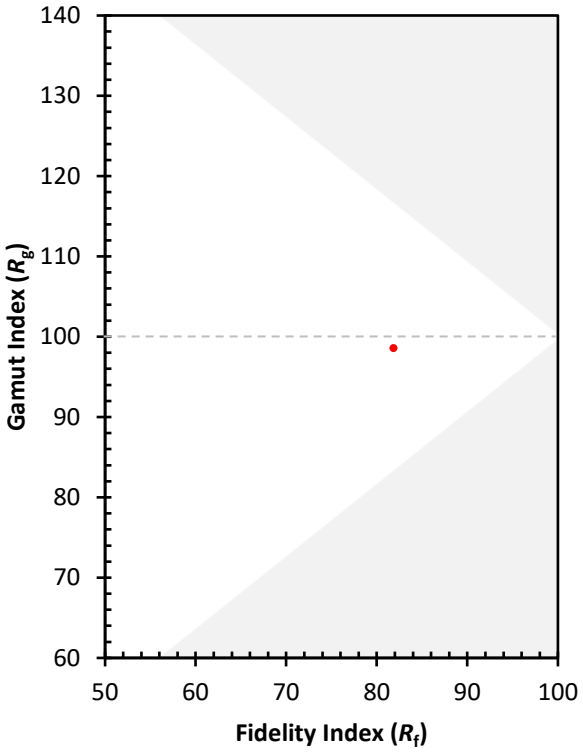


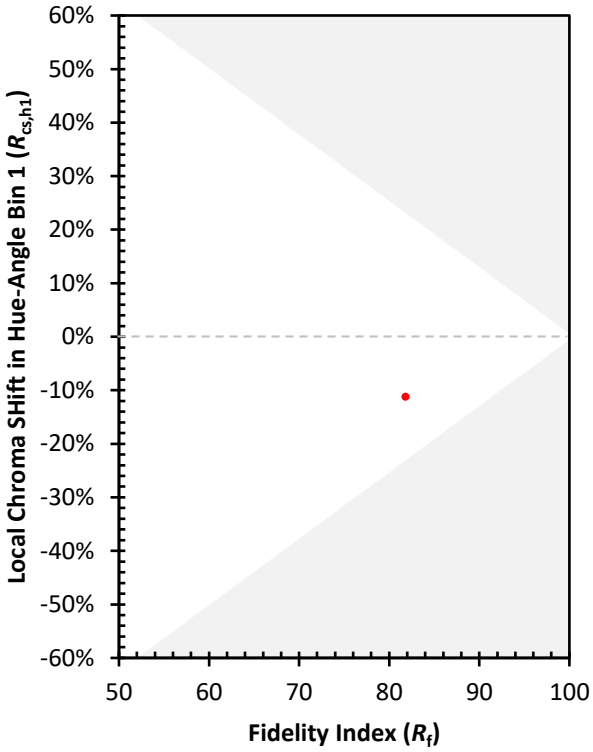


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Measure Comparisons





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