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: P1502149

Luminaire Tested: GSS-SB3A-727-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:	P1502149
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-727-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9728.6 lumens
Efficiency:	N/A
Efficacy:	114.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

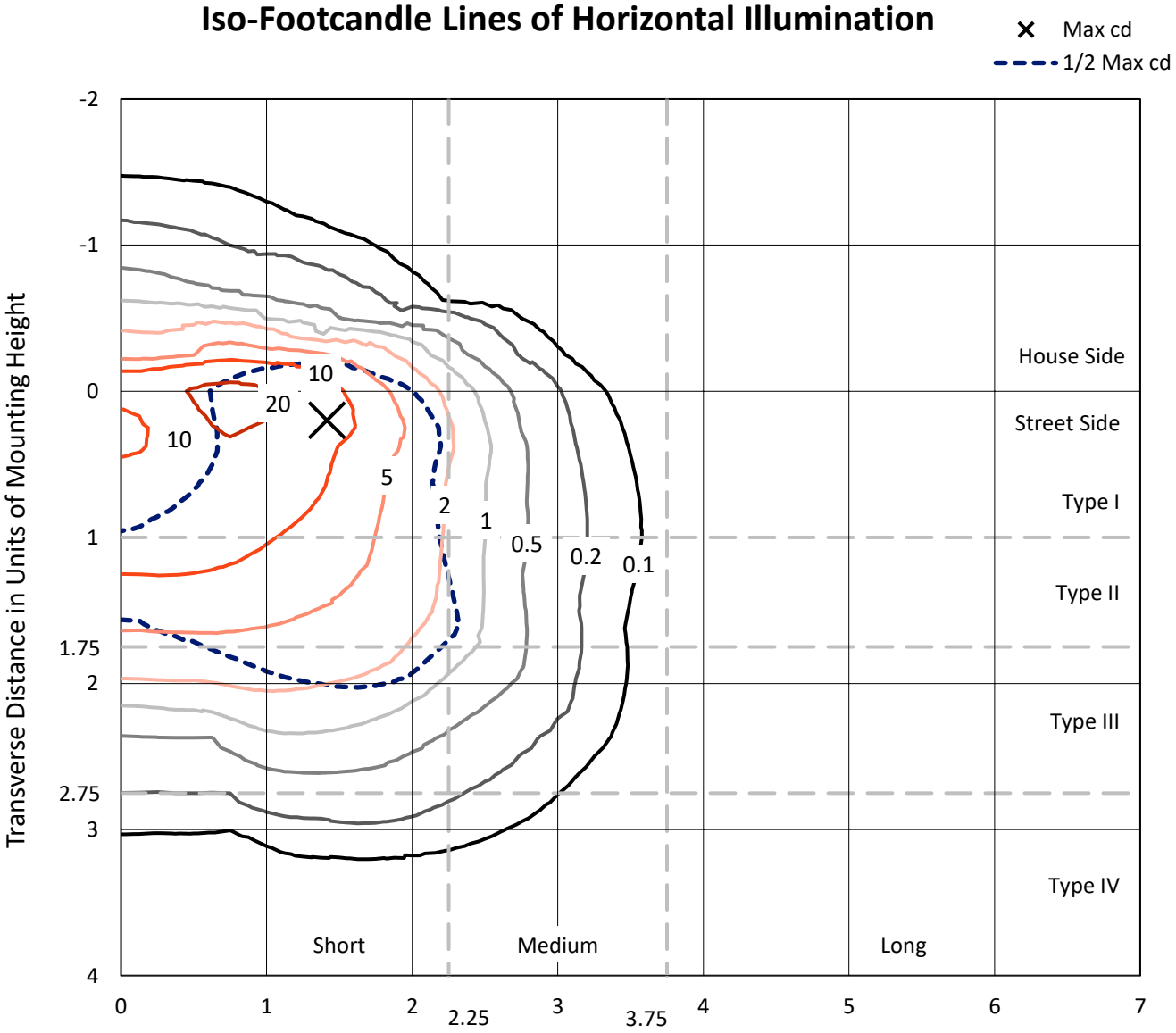
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502149
CATALOG NUMBER: GSS-SB3A-727-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



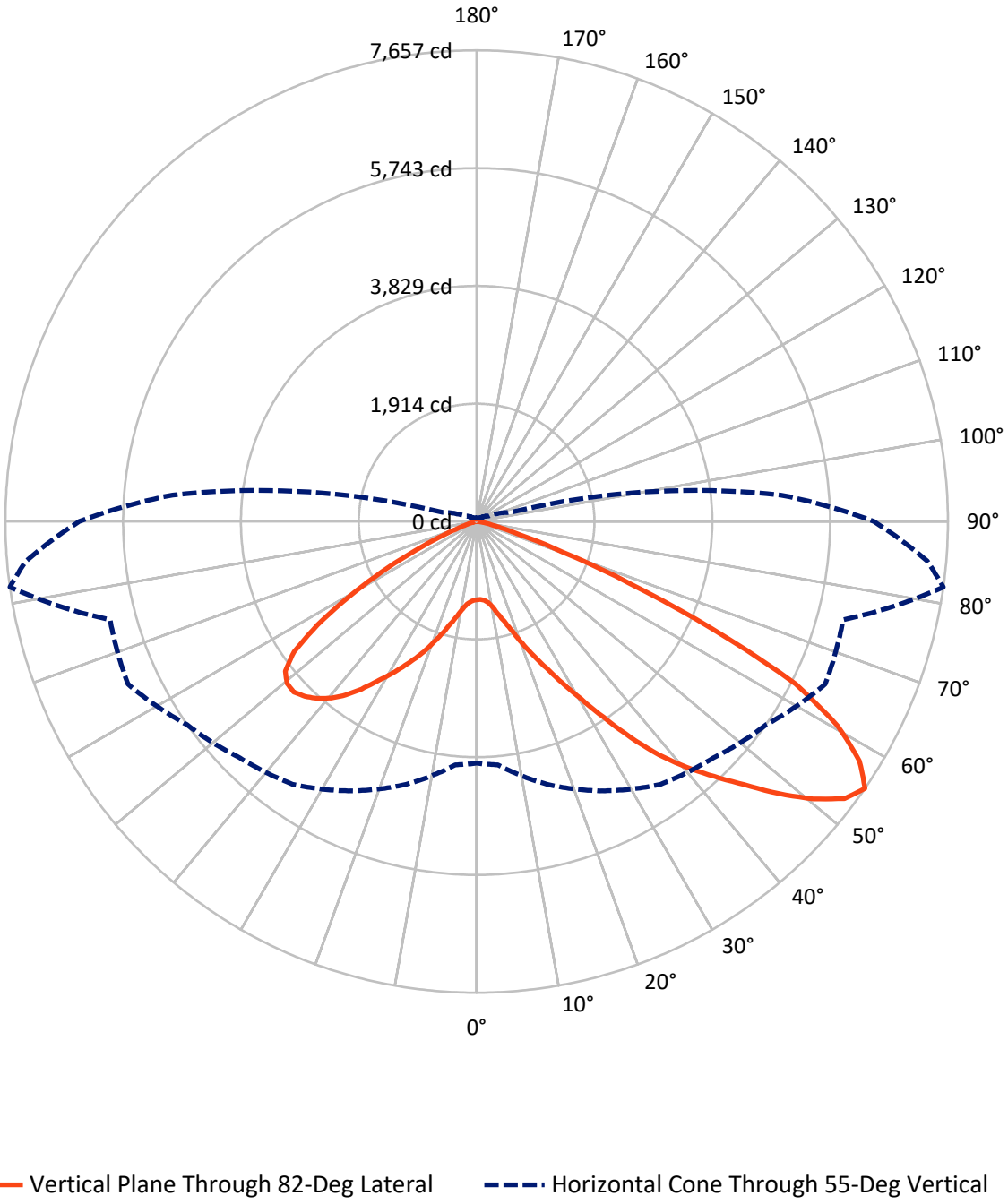
Based on 10 foot mounting height. Maximum calculated value = 23.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1502149
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Luminous Intensity Polar Plot



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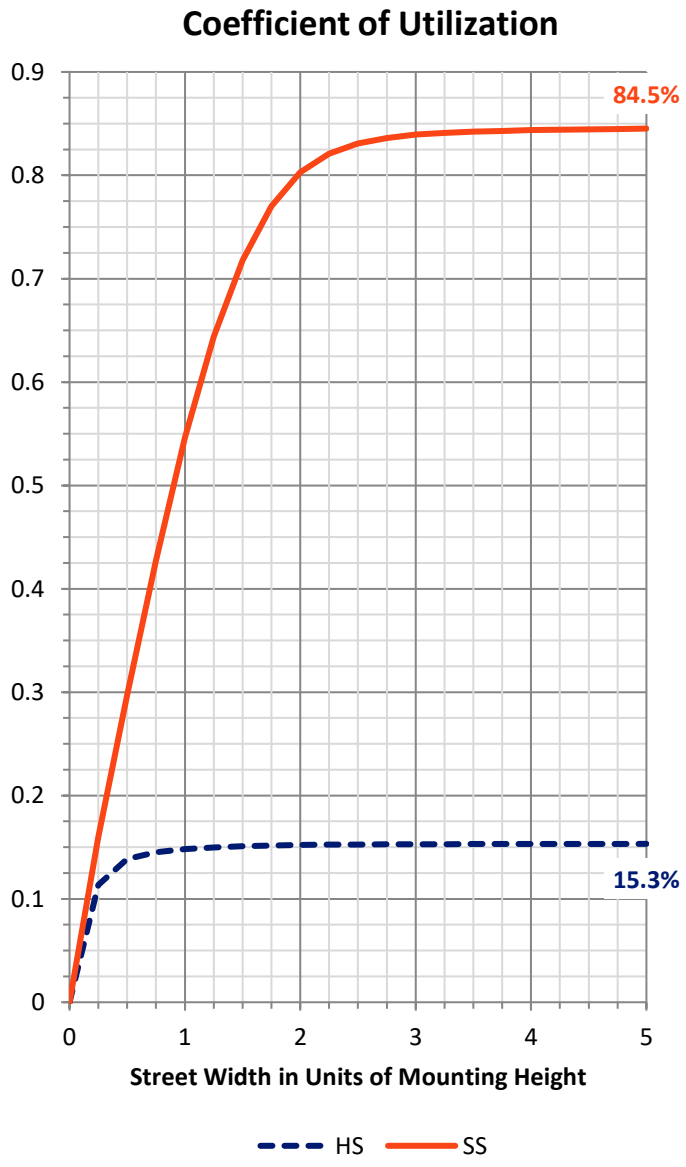
REPORT NUMBER: P1502149
CATALOG NUMBER: GSS-SB3A-727-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1503.7	0.0	1503.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	8224.9	0.0	8224.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	9728.6	0.0	9728.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.1	1.2
10°-20°	311.7	3.2
20°-30°	623.0	6.4
30°-40°	1290.2	13.3
40°-50°	2155.3	22.2
50°-60°	2733.6	28.1
60°-70°	2043.5	21.0
70°-80°	432.9	4.4
80°-90°	23.3	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°	9728.6	100.0
0°-180°	9728.6	100.0



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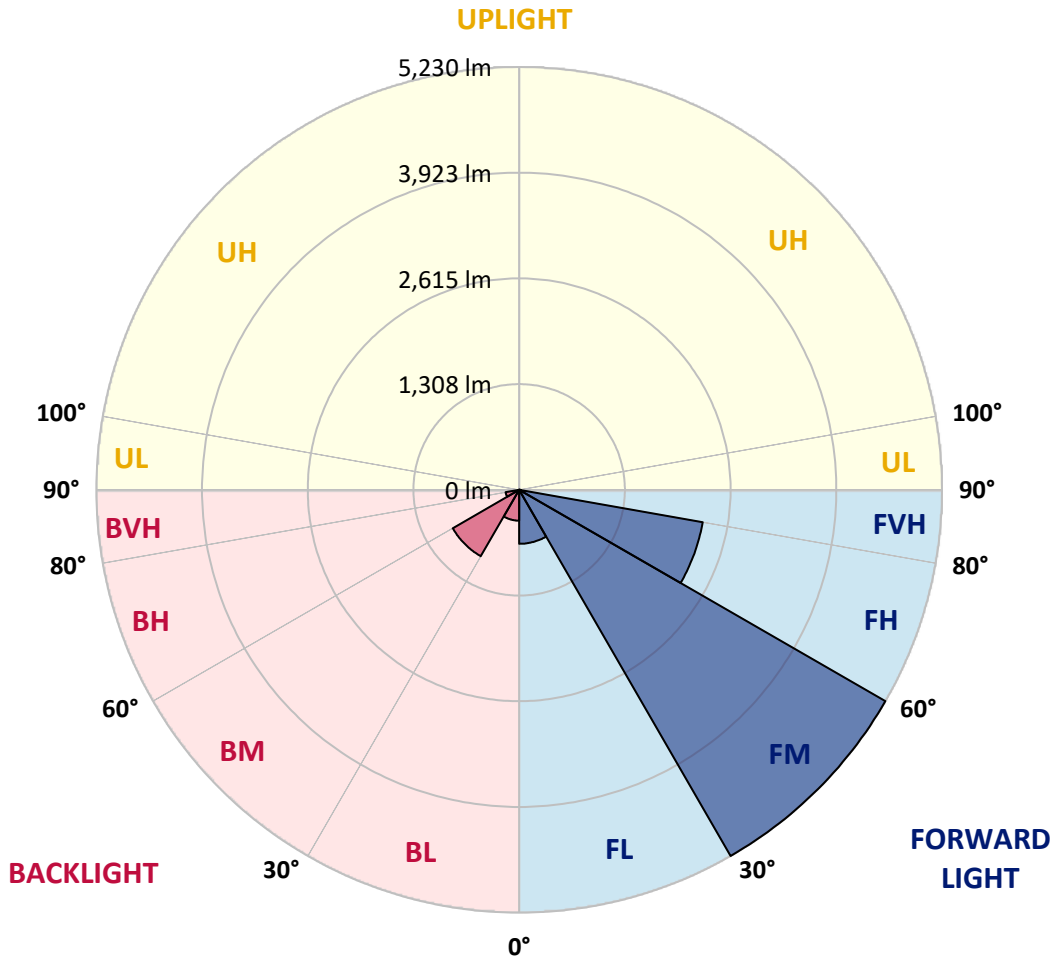
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	668.1	6.9			
FM	(30°-60°)	5230.3	53.8			
FH	(60°-80°)	2305.7	23.7			G2/5000
FVH	(80°-90°)	20.8	0.2			G1/100
BL	(0°-30°)	381.7	3.9	B1/500		
BM	(30°-60°)	948.8	9.8	B1/1000		
BH	(60°-80°)	170.7	1.8	B1/500		G1/500
BVH	(80°-90°)	2.5	0.0			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	*1270.1*	1270.1
2.5°	1235.7	1238.4	1233.1	1235.7	1241.0	1238.4	1248.9	1256.9	1264.8	*1267.4*	1270.1
5°	1127.5	1130.1	1132.8	1153.9	1167.1	1198.8	1227.8	1246.3	1272.7	*1285.9*	1288.6
7.5°	998.1	998.1	1008.7	1035.1	1069.4	1130.1	1196.1	1248.9	1299.1	*1325.5*	1330.8
10°	974.3	977.0	977.0	995.5	1024.5	1085.2	1169.7	1275.4	1365.1	*1404.7*	1417.9
12.5°	979.6	982.3	984.9	1003.4	1032.4	1085.2	1193.5	1330.8	1470.8	*1536.8*	1544.7
15°	992.8	998.1	1006.0	1029.8	1061.5	1130.1	1243.7	1410.0	1597.5	*1682.0*	1703.1
17.5°	1032.4	1035.1	1048.3	1074.7	1124.8	1193.5	1317.6	1513.0	1774.4	*1866.8*	1906.4
20°	1093.2	1098.4	1116.9	1153.9	1212.0	1299.1	1436.4	1647.7	1964.5	*2107.1*	2138.8
22.5°	1169.7	1169.7	1196.1	1254.2	1336.1	1433.8	1600.1	1827.2	2196.9	*2363.2*	2416.0
25°	1296.5	1293.8	1315.0	1381.0	1478.7	1621.3	1790.2	2041.1	2439.8	*2637.8*	2693.3
27.5°	1586.9	1579.0	1571.1	1573.7	1658.2	1840.4	2035.8	2310.4	2740.8	*2973.2*	3015.4
30°	1924.9	1935.5	1924.9	1898.5	1911.7	2080.7	2323.6	2640.5	3078.8	*3340.2*	3395.7
32.5°	2220.6	2225.9	2270.8	2299.9	2310.4	2389.6	2656.3	3039.2	3509.2	*3794.4*	3865.7
35°	2542.8	2550.7	2600.9	2661.6	2756.7	2828.0	3073.5	3501.3	3947.5	*4306.6*	4359.4
37.5°	2917.7	2930.9	2997.0	3084.1	3216.1	3379.8	3511.8	3921.1	4393.8	*4808.3*	4863.8
40°	3247.8	3290.0	3403.6	3514.5	3654.4	3839.3	3926.4	4288.1	4723.8	*5251.9*	5344.3
42.5°	3559.4	3583.1	3765.3	3937.0	4103.3	4253.8	4338.3	4576.0	5016.9	*5663.8*	5766.8
45°	3818.1	3836.6	4039.9	4267.0	4473.0	4623.5	4636.7	4855.9	5307.4	*6099.5*	6178.7
47.5°	3976.6	4005.6	4267.0	4525.8	4752.9	4892.8	4871.7	5212.3	5624.2	*6606.5*	6617.1
50°	4071.6	4090.1	4356.8	4692.1	4972.0	5069.7	5114.6	5552.9	5912.0	*7087.1*	7023.7
52.5°	4140.3	4169.3	4430.7	4787.2	5101.4	5233.4	5394.5	5935.8	6139.1	*7480.5*	7311.5
55°	*3926.4*	*3968.7*	*4420.2*	*4829.4*	*5212.3*	*5434.1*	*5751.0*	*6250.0*	*6165.5*	*7657.4*	*7348.5*
57.5°	3686.1	3694.0	4140.3	4816.2	5336.4	5645.4	6078.4	6273.8	5920.0	*7335.3*	6973.5
60°	3332.3	3379.8	3836.6	4644.6	5357.5	5814.4	6300.2	5986.0	5471.1	*6738.5*	6194.6
62.5°	2339.5	2413.4	3010.2	4193.1	5207.0	5906.8	6263.2	5484.3	4908.7	*5817.0*	5207.0
65°	1309.7	1373.1	1861.5	3382.5	4792.5	5885.6	5883.0	4813.6	4005.6	*4203.7*	3723.1
67.5°	718.2	768.4	966.4	2545.4	3802.3	5434.1	5082.9	3672.9	2685.4	*2669.5*	2323.6
70°	501.7	504.3	610.0	1719.0	2732.9	3791.7	3973.9	2463.6	1666.1	*1473.4*	1243.7
72.5°	245.6	248.2	303.7	810.6	1671.4	2101.8	2725.0	1280.6	934.7	*731.4*	623.2
75°	124.1	121.5	166.4	303.7	691.8	1024.5	1201.4	641.6	543.9	*401.4*	356.5
77.5°	79.2	81.9	97.7	166.4	311.6	398.7	369.7	348.5	319.5	*235.0*	203.3
80°	52.8	52.8	66.0	105.6	153.1	190.1	113.5	161.1	187.5	*137.3*	118.8
82.5°	15.8	15.8	39.6	58.1	73.9	76.6	50.2	73.9	105.6	*76.6*	58.1
85°	10.6	10.6	21.1	29.0	31.7	26.4	15.8	31.7	50.2	*34.3*	29.0
87.5°	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	*2.6*	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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REPORT NUMBER: P1502149
CATALOG NUMBER: GSS-SB3A-727-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1	1270.1
2.5°	1272.7	1275.4	1283.3	1285.9	1291.2	1293.8	1293.8	1293.8	1291.2	1293.8	1299.1
5°	1293.8	1307.0	1317.6	1315.0	1315.0	1301.8	1291.2	1270.1	1259.5	1256.9	1259.5
7.5°	1346.6	1357.2	1367.8	1351.9	1312.3	1251.6	1185.6	1132.8	1087.9	1066.8	1074.7
10°	1441.7	1454.9	1454.9	1381.0	1270.1	1127.5	1008.7	911.0	837.0	797.4	815.9
12.5°	1579.0	1589.6	1563.2	1407.4	1196.1	961.1	763.1	599.4	504.3	456.8	446.2
15°	1737.4	1753.3	1663.5	1402.1	1080.0	718.2	475.3	356.5	322.1	311.6	314.2
17.5°	1940.8	1948.7	1774.4	1359.9	879.3	470.0	338.0	303.7	295.7	290.5	290.5
20°	2191.6	2167.8	1864.2	1288.6	641.6	369.7	311.6	285.2	277.3	274.6	277.3
22.5°	2460.9	2424.0	1938.1	1153.9	485.8	348.5	298.4	269.3	258.8	256.1	256.1
25°	2743.5	2659.0	1996.2	955.9	454.2	343.3	282.5	245.6	235.0	229.7	229.7
27.5°	3065.6	2920.4	2027.9	800.1	462.1	335.3	264.0	224.4	208.6	203.3	203.3
30°	3422.1	3210.8	2030.5	768.4	477.9	324.8	245.6	200.7	184.8	176.9	179.6
32.5°	3855.1	3506.6	2022.6	818.6	488.5	316.9	224.4	176.9	163.7	155.8	155.8
35°	4304.0	3865.7	1990.9	913.6	493.8	293.1	198.0	155.8	139.9	137.3	139.9
37.5°	4750.2	4206.3	1946.0	966.4	467.4	240.3	161.1	134.7	124.1	124.1	124.1
40°	5156.9	4502.0	1885.3	921.5	372.3	174.3	132.0	116.2	110.9	108.3	110.9
42.5°	5460.5	4766.1	1774.4	776.3	264.0	139.9	116.2	103.0	97.7	97.7	100.3
45°	5793.2	5019.6	1560.5	570.3	200.7	121.5	100.3	89.8	87.1	87.1	89.8
47.5°	6128.6	5222.9	1354.6	380.2	174.3	108.3	89.8	81.9	79.2	76.6	79.2
50°	6384.7	5320.6	1085.2	277.3	158.4	97.7	81.9	76.6	71.3	68.7	68.7
52.5°	6566.9	5294.2	794.8	237.6	145.2	89.8	76.6	71.3	63.4	63.4	63.4
55°	*6456.0*	*4956.2*	*573.0*	*213.9*	*134.7*	*84.5*	*73.9*	*66.0*	*60.7*	*58.1*	*58.1*
57.5°	5917.3	4224.8	414.6	192.8	118.8	79.2	71.3	63.4	55.5	52.8	52.8
60°	5143.7	3290.0	308.9	169.0	103.0	76.6	63.4	60.7	52.8	47.5	47.5
62.5°	4203.7	2394.9	240.3	145.2	92.4	66.0	60.7	55.5	47.5	42.2	39.6
65°	2917.7	1528.8	184.8	118.8	87.1	58.1	55.5	47.5	39.6	31.7	31.7
67.5°	1800.8	908.3	142.6	92.4	68.7	50.2	47.5	42.2	34.3	26.4	26.4
70°	995.5	480.6	97.7	68.7	52.8	39.6	37.0	37.0	29.0	23.8	21.1
72.5°	477.9	261.4	66.0	58.1	39.6	26.4	29.0	29.0	23.8	18.5	18.5
75°	287.8	155.8	44.9	44.9	26.4	21.1	21.1	23.8	18.5	13.2	13.2
77.5°	163.7	92.4	26.4	34.3	18.5	13.2	15.8	13.2	10.6	7.9	7.9
80°	92.4	52.8	15.8	23.8	10.6	7.9	7.9	5.3	5.3	2.6	2.6
82.5°	44.9	29.0	7.9	7.9	5.3	2.6	2.6	2.6	2.6	0.0	0.0
85°	21.1	5.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	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: SP1-2407-184-3

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

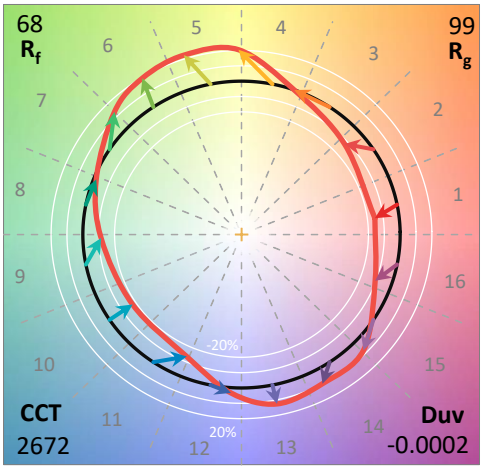
Test Information

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

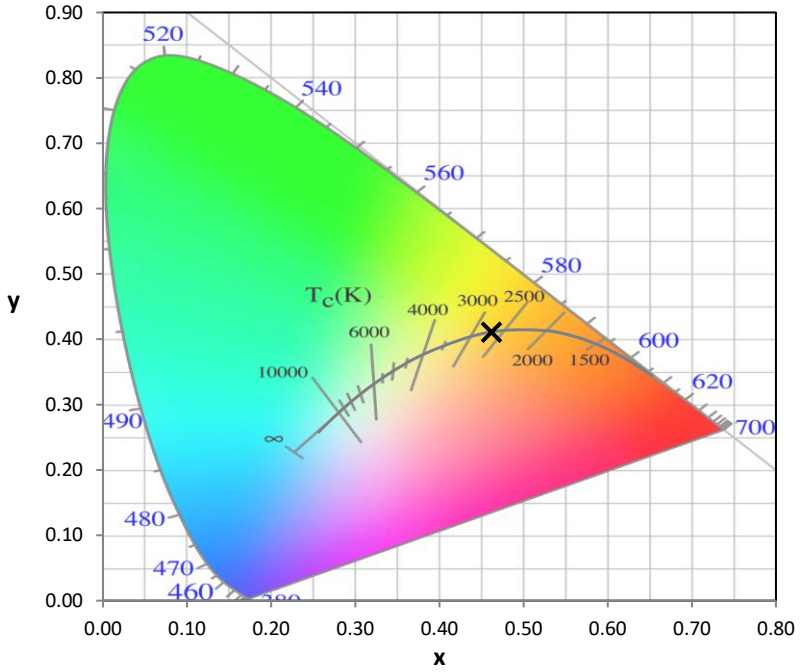
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

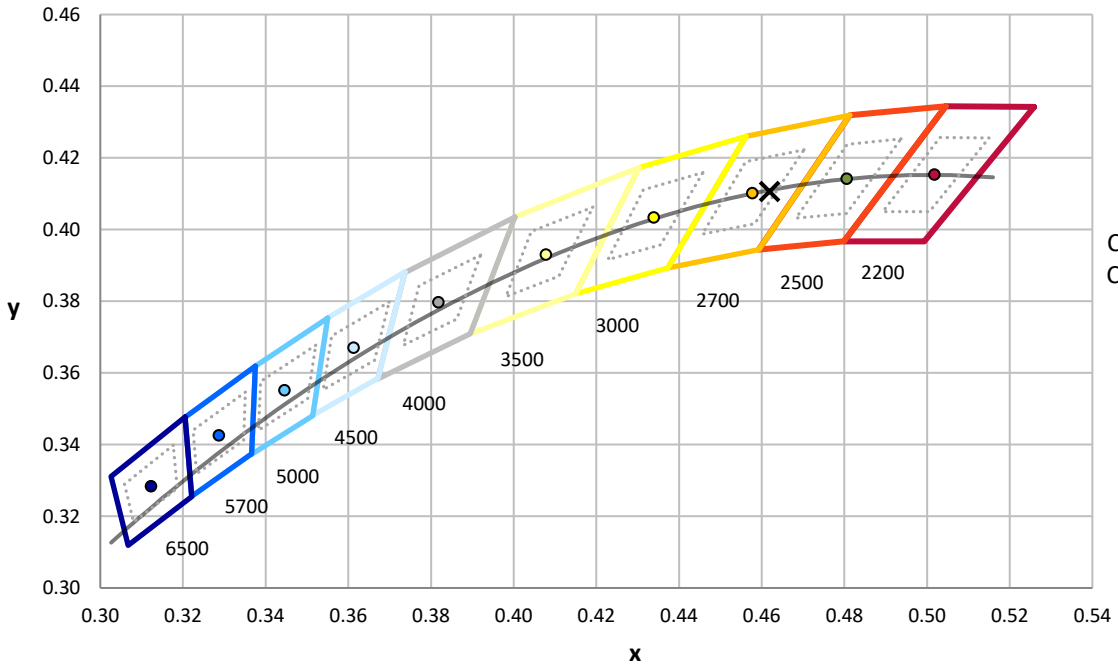
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

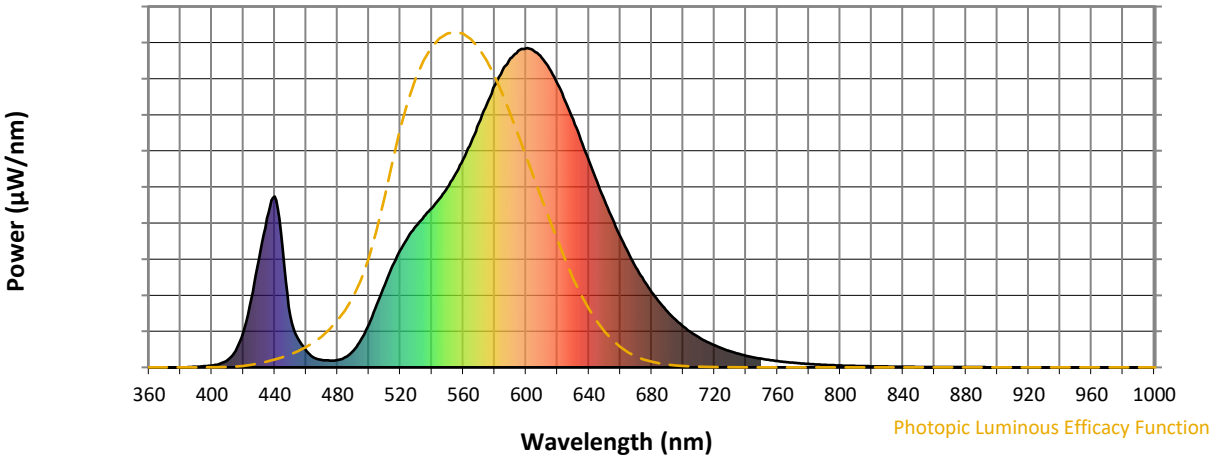


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

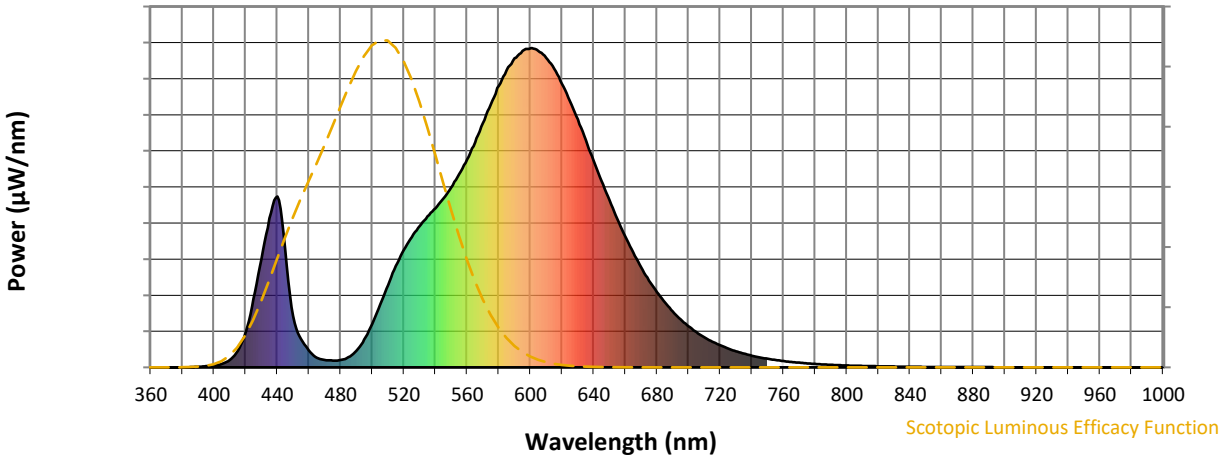


Photopic Lumens: NR

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

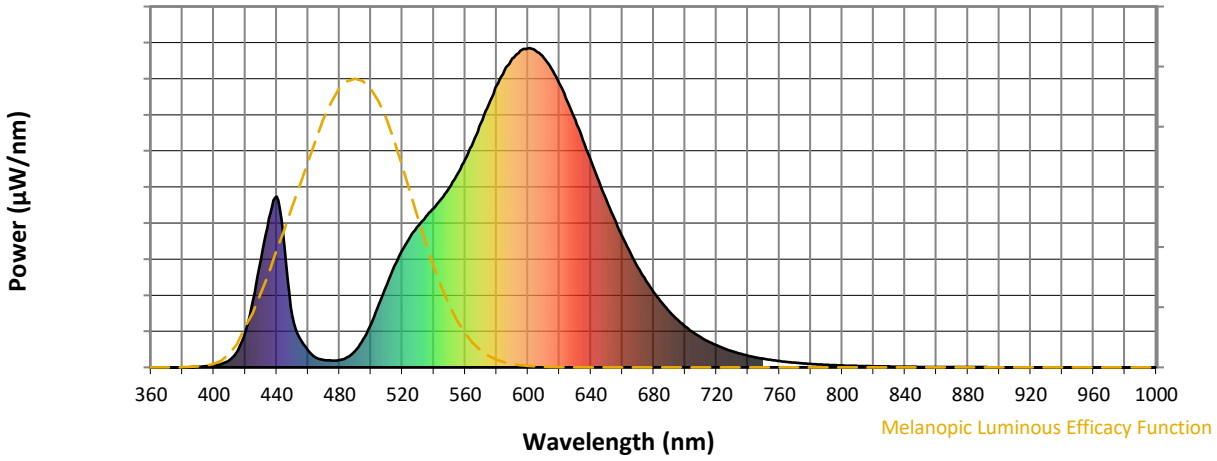


Scotopic Lumens: NR **S/P: 1.02**

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			

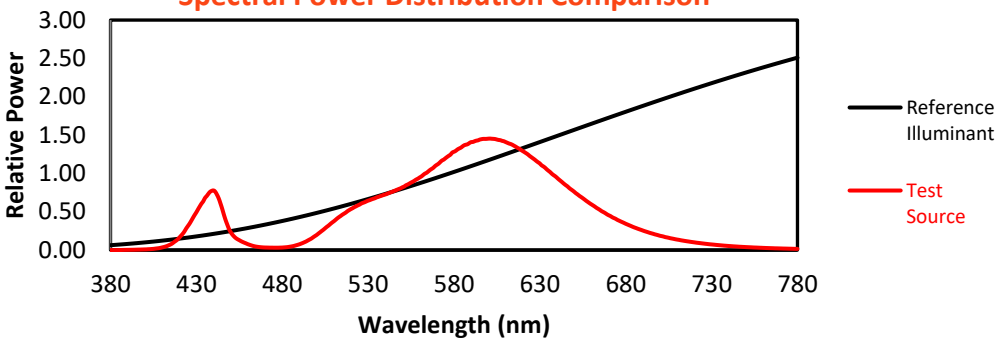
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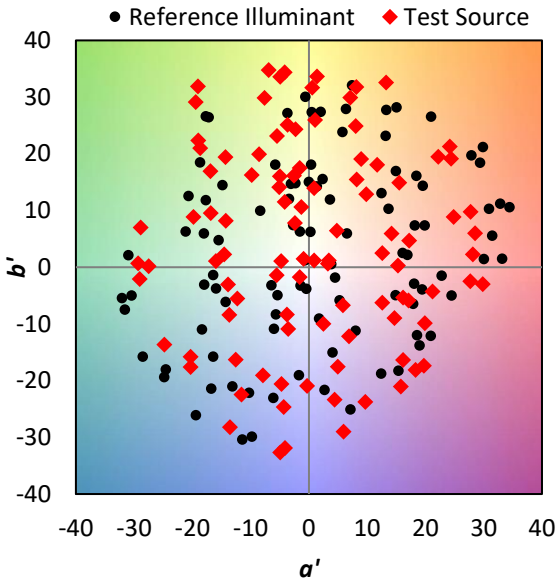
Summary

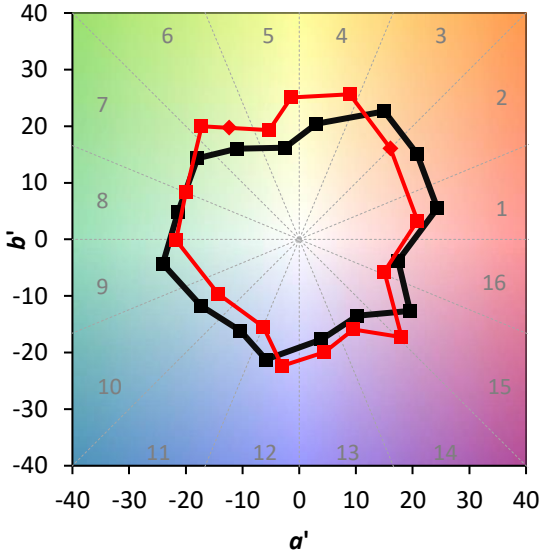
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

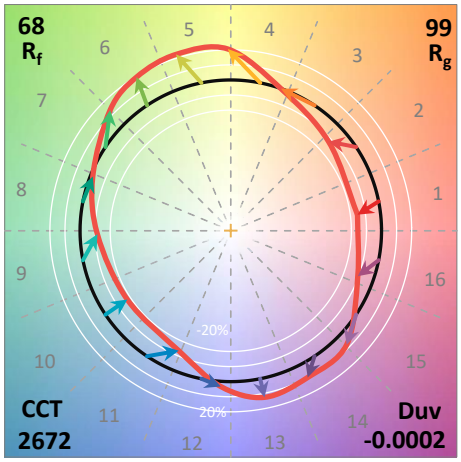
Spectral Power Distribution Comparison

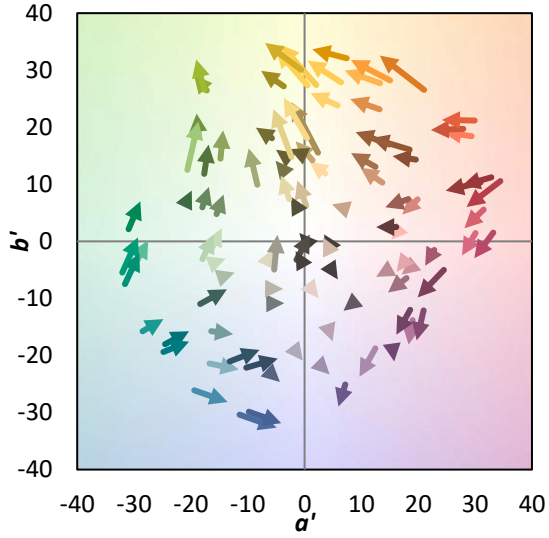


Color Vector Graphics







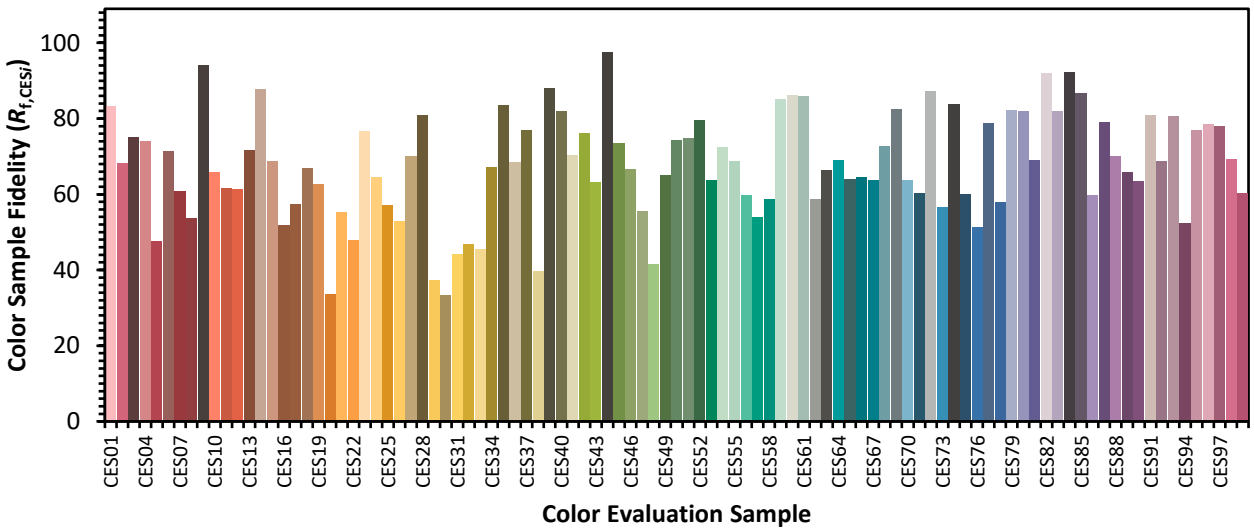


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Individual Sample Fidelity Index ($R_{f,i}$)

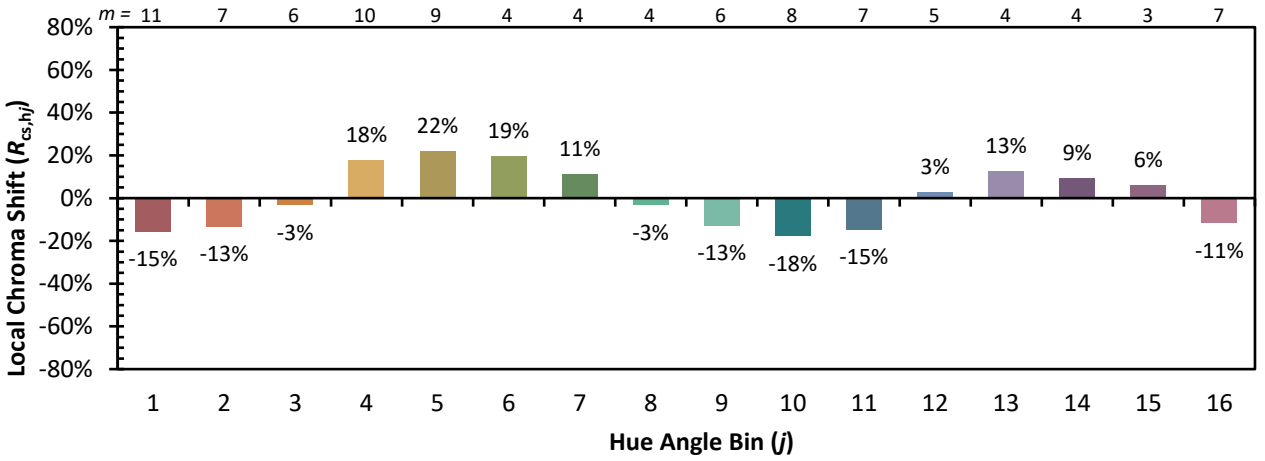
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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	

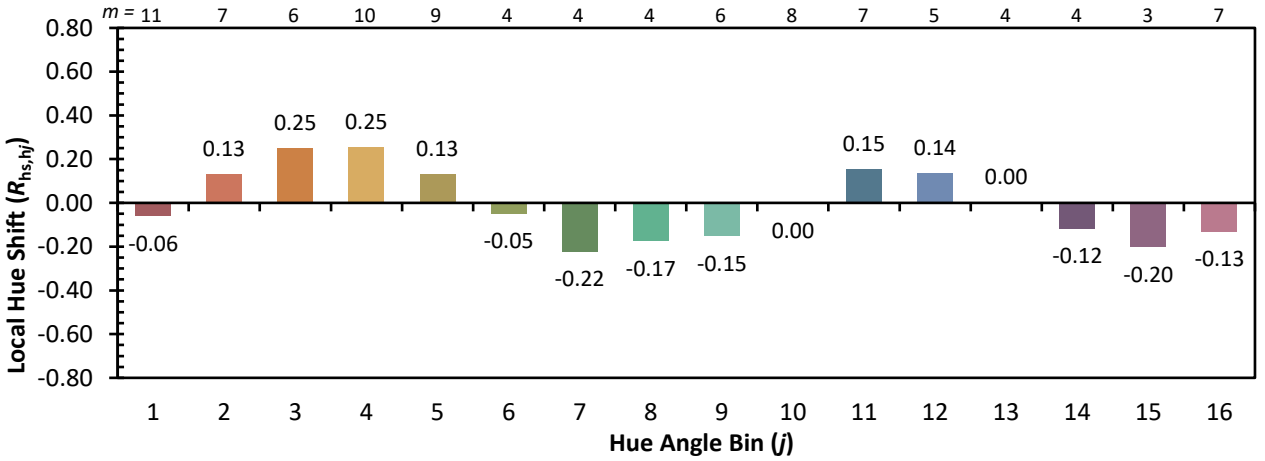


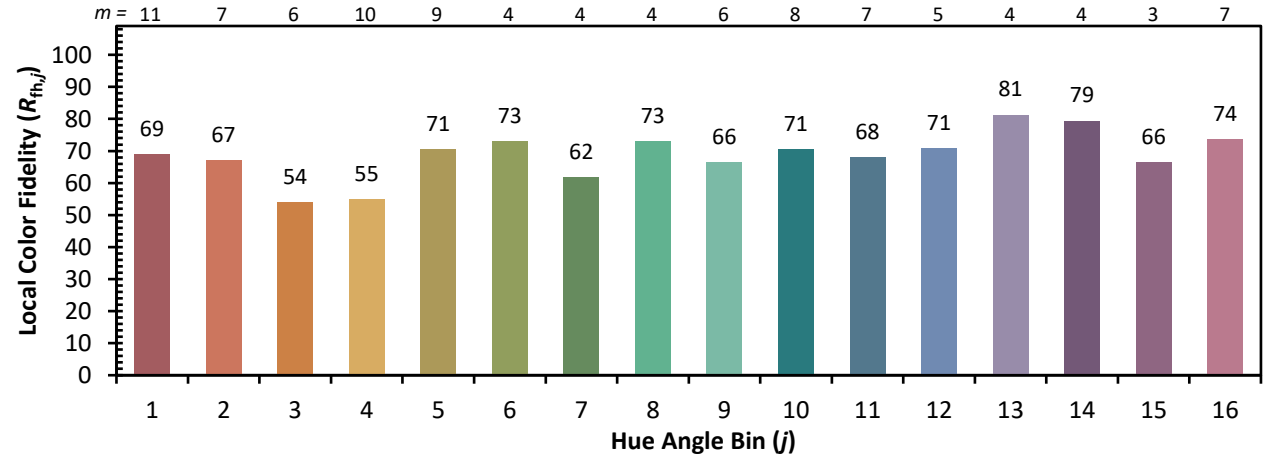
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Color Rendition by Hue-Angle Bin



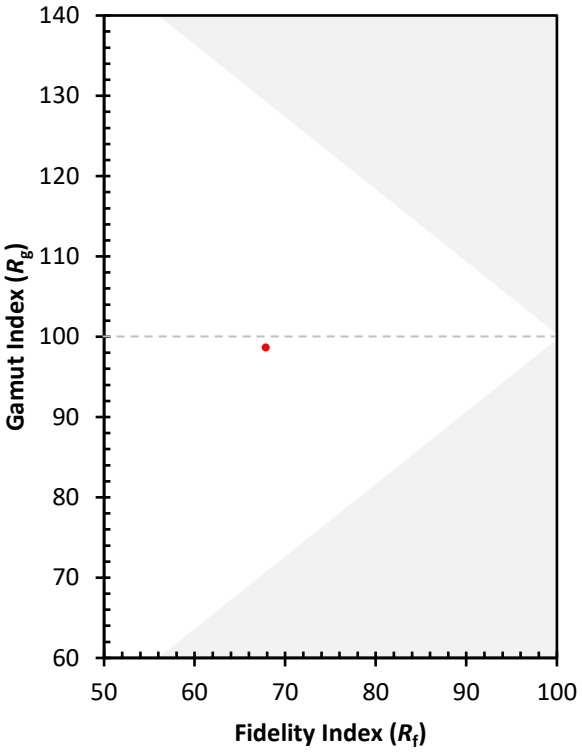


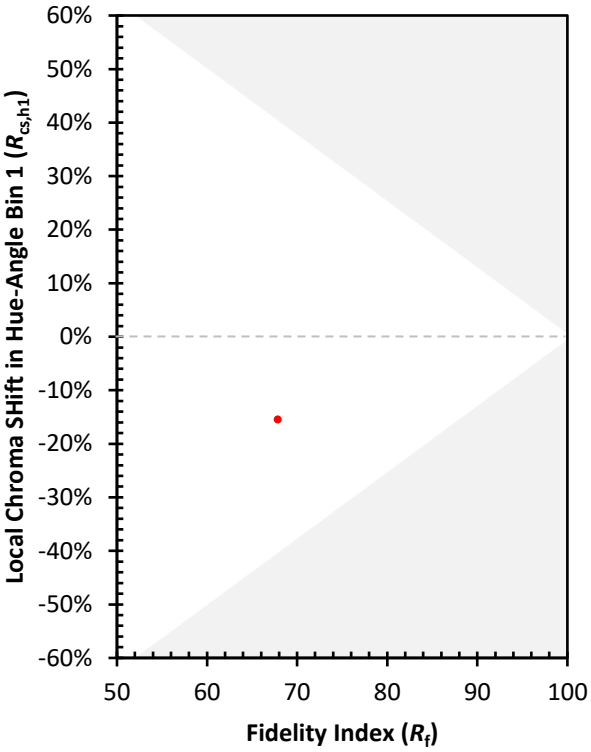


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Measure Comparisons





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