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: P1500762

Luminaire Tested: GSS-SB4B-830-U-T4LG

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:	P1500762
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19758.7 lumens
Efficiency:	N/A
Efficacy:	133.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

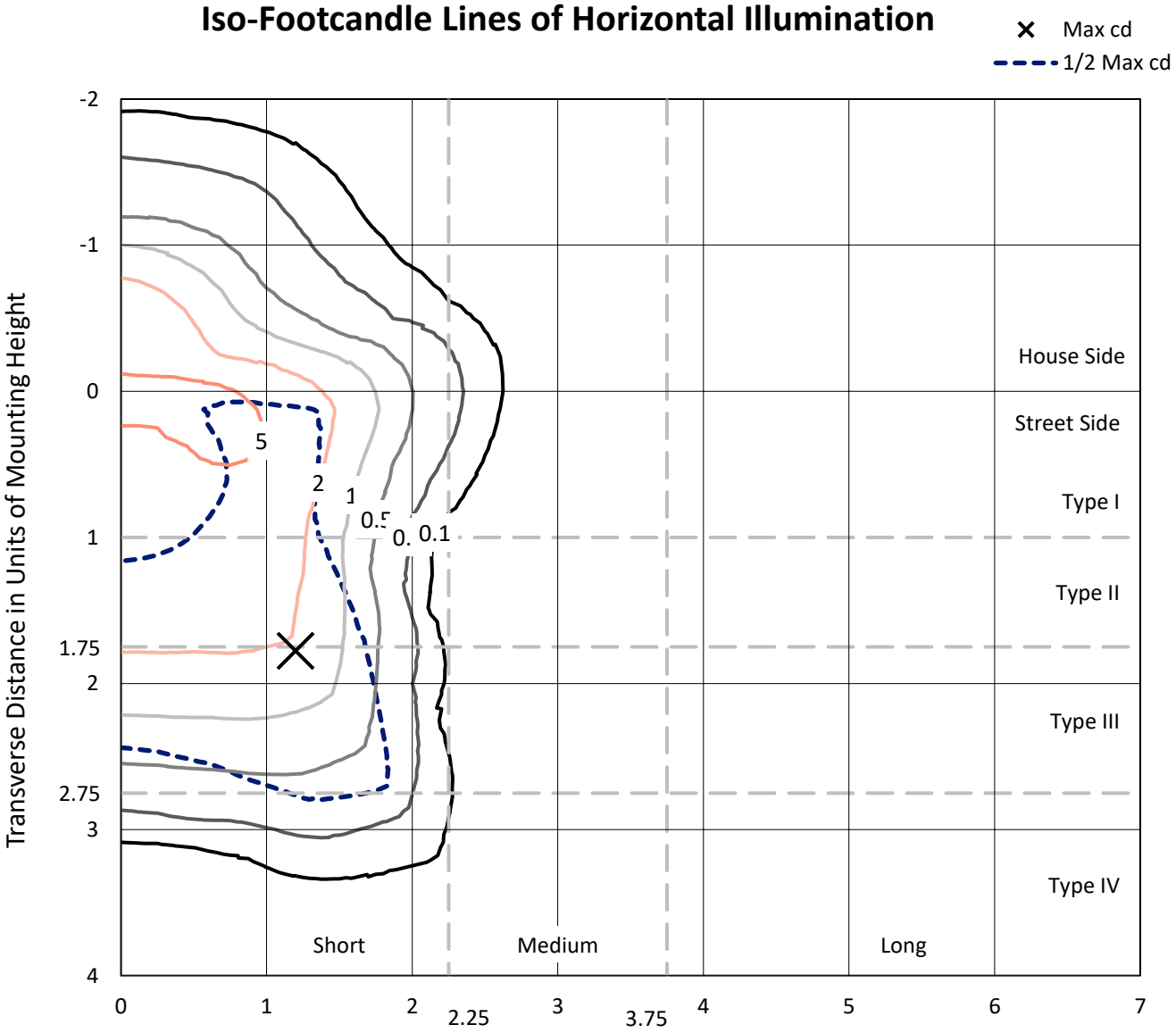
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500762
CATALOG NUMBER: GSS-SB4B-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



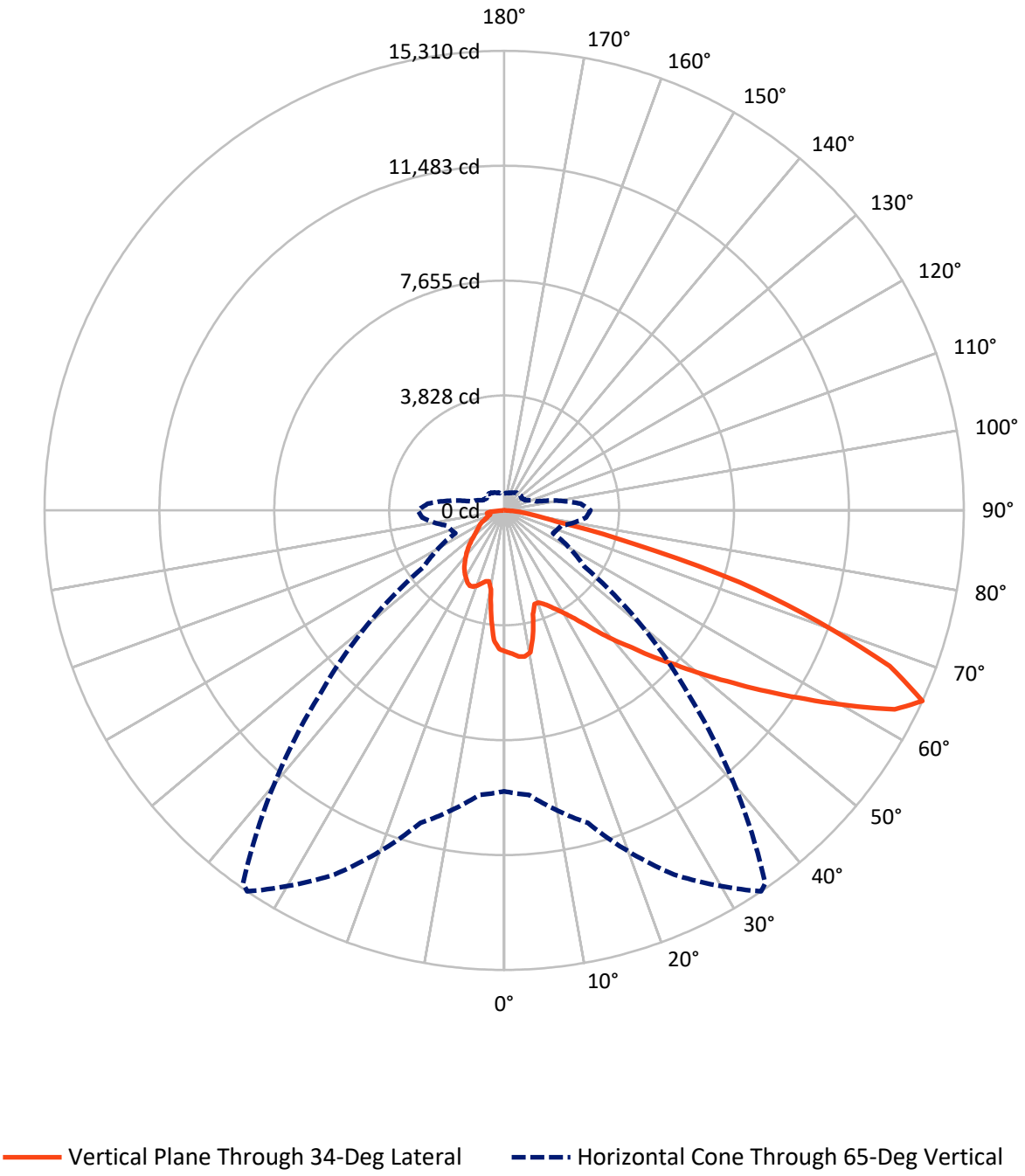
Based on 25 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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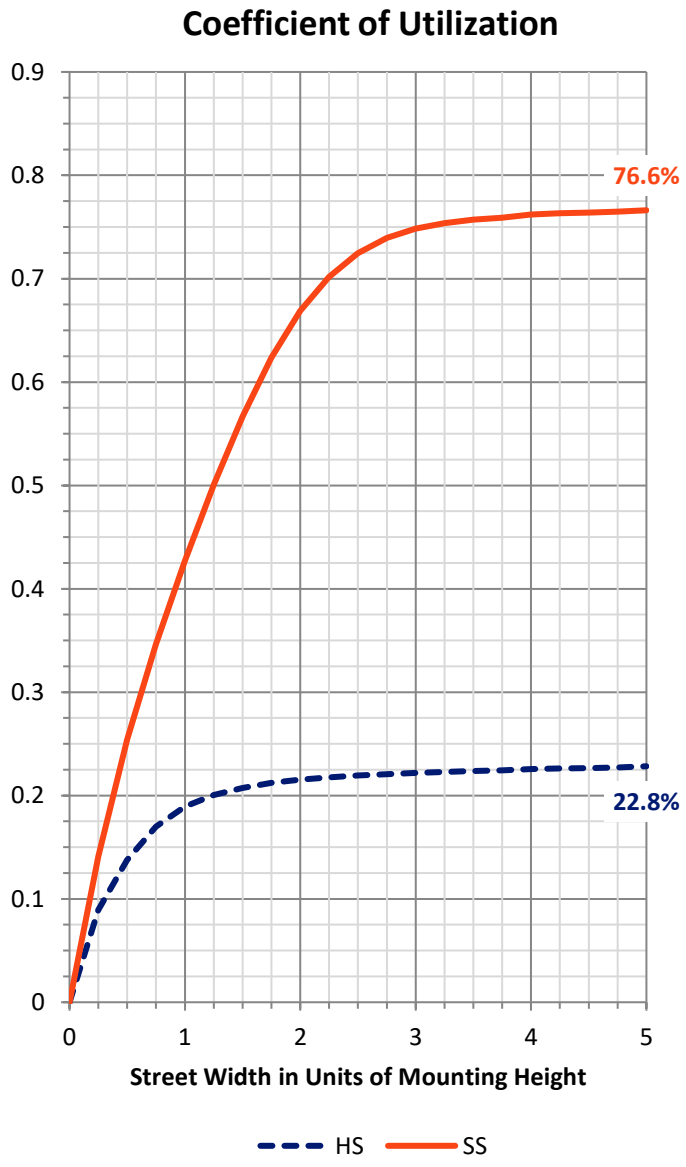
REPORT NUMBER: P1500762
CATALOG NUMBER: GSS-SB4B-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4597.0	0.0	4597.0
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15161.7	0.0	15161.7
	% Fixture	76.7	0.0	76.7
Total	Lumens	19758.7	0.0	19758.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.5	2.1
10°-20°	1065.9	5.4
20°-30°	1766.9	8.9
30°-40°	2657.3	13.4
40°-50°	3722.7	18.8
50°-60°	4693.7	23.8
60°-70°	4037.0	20.4
70°-80°	1200.2	6.1
80°-90°	191.5	1.0
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°	19758.7	100.0
0°-180°	19758.7	100.0



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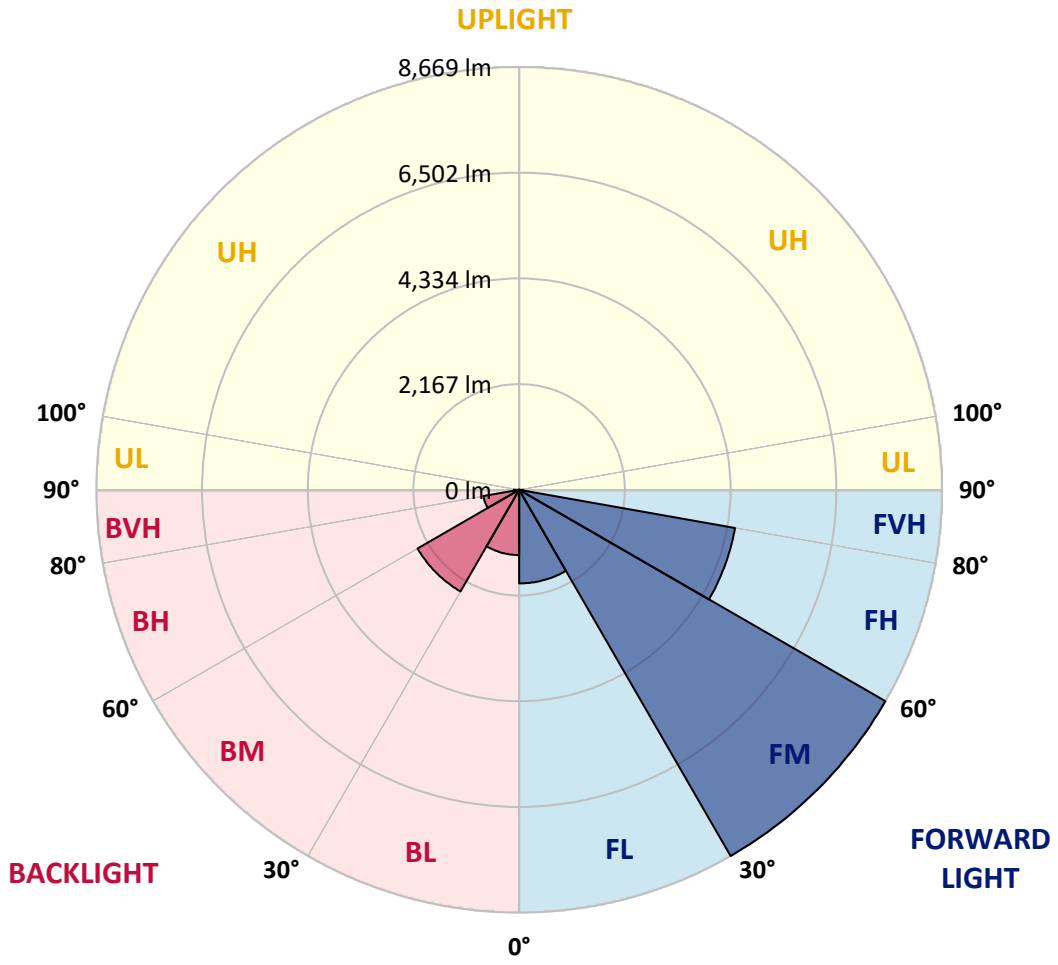
Scaled Data Report

REPORT NUMBER: P1500762
CATALOG NUMBER: GSS-SB4B-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1918.7	9.7			
FM	(30°-60°)	8668.7	43.9			
FH	(60°-80°)	4493.2	22.7			G2/5000
FVH	(80°-90°)	81.0	0.4			G1/100
BL	(0°-30°)	1337.5	6.8	B3/2500		
BM	(30°-60°)	2405.0	12.2	B2/2500		
BH	(60°-80°)	744.0	3.8	B2/1000		G2/1000
BVH	(80°-90°)	110.5	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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REPORT NUMBER: P1500762
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4697.7	4697.7	4697.7	4697.7	*4697.7*	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7
2.5°	4787.2	4814.0	4782.7	4769.3	*4773.8*	4778.2	4755.9	4760.4	4733.5	4733.5	4711.1
5°	4890.1	4894.6	4876.7	4890.1	*4885.6*	4881.1	4881.1	4876.7	4818.5	4805.1	4782.7
7.5°	4831.9	4849.8	4858.8	4908.0	*4921.4*	4948.3	4966.2	4975.1	4930.4	4894.6	4836.4
10°	4299.5	4312.9	4415.9	4639.6	*4809.6*	4840.9	5006.4	5100.4	5069.1	5051.2	4952.7
12.5°	3436.0	3458.4	3574.7	3865.5	*4263.7*	4348.7	4876.7	5194.3	5265.9	5270.4	5127.2
15°	3064.7	3064.7	3100.5	3266.0	*3588.2*	3655.3	4433.7	5221.2	5476.2	5507.5	5333.0
17.5°	2988.6	2984.2	3006.5	3105.0	*3275.0*	3315.2	3923.7	5082.5	5726.7	5780.4	5556.7
20°	2984.2	2970.7	3015.5	3127.3	*3275.0*	3310.8	3686.6	4840.9	5923.6	6093.6	5780.4
22.5°	2988.6	2988.6	3051.3	3212.3	*3382.4*	3413.7	3731.3	4639.6	6084.7	6420.2	6017.5
25°	3037.9	3028.9	3118.4	3315.2	*3547.9*	3570.3	3914.8	4630.6	6223.4	6787.1	6303.9
27.5°	3118.4	3122.9	3243.7	3480.8	*3744.7*	3789.5	4169.8	4823.0	6393.4	7189.7	6581.3
30°	3288.4	3292.9	3436.0	3677.6	*3981.9*	4040.0	4465.1	5109.3	6635.0	7623.7	6881.0
32.5°	3480.8	3503.2	3677.6	3959.5	*4286.1*	4317.4	4827.5	5538.8	6997.4	8057.7	7203.2
35°	3802.9	3825.3	4022.1	4317.4	*4679.8*	4724.6	5270.4	6035.4	7440.3	8496.2	7453.7
37.5°	4219.0	4236.9	4429.3	4787.2	*5172.0*	5216.7	5762.5	6563.4	7887.7	8845.1	7677.4
40°	4715.6	4755.9	4961.7	5310.7	*5699.9*	5726.7	6299.4	7073.4	8370.9	9086.7	7766.9
42.5°	5257.0	5297.2	5507.5	5892.3	*6250.2*	6330.7	6881.0	7614.8	8764.6	9194.1	7695.3
45°	5950.4	5941.5	6138.3	6541.0	*6961.6*	6992.9	7502.9	8062.2	9001.7	9104.6	7623.7
47.5°	6791.6	6800.5	6925.8	7252.4	*7686.4*	7757.9	8151.7	8446.9	9140.4	9033.0	7543.2
50°	7740.0	7762.4	7869.8	8106.9	*8572.2*	8621.4	8737.7	8715.4	9225.4	8880.9	7574.5
52.5°	8688.5	8702.0	8845.1	9095.7	*9547.5*	9583.3	9328.3	8921.2	8907.8	8268.0	7507.4
55°	9467.0	9462.5	9717.6	10102.3	*10652.6*	10630.3	9909.9	8764.6	7914.5	7315.0	7207.6
57.5°	10142.6	10169.4	10500.5	11167.1	*11860.6*	11842.7	10531.8	7936.9	6465.0	6187.6	6720.0
60°	10751.1	10813.7	11435.6	12433.3	*13198.3*	13091.0	10643.7	6688.7	5028.8	4845.4	5753.6
62.5°	10487.1	10603.4	11601.1	13547.3	*14598.7*	14361.6	9954.7	5180.9	3404.7	3239.2	4066.9
65°	*9359.6*	*9516.2*	*10782.4*	*13386.3*	*15310.1*	*15162.4*	*8702.0*	*3257.1*	*1794.1*	*1968.6*	*2738.1*
67.5°	7860.8	8048.8	9417.8	12026.2	*13851.5*	13533.9	6760.2	1713.5	836.6	1297.5	1700.1
70°	4308.5	4773.8	6809.4	10227.6	*11095.6*	10652.6	3910.3	809.8	608.5	809.8	1015.6
72.5°	1619.6	1731.4	2952.8	6876.6	*8218.8*	7672.9	1485.4	523.5	510.0	599.5	733.7
75°	778.5	832.2	1284.0	3127.3	*4487.4*	4183.2	729.3	389.2	438.5	469.8	532.4
77.5°	465.3	501.1	800.8	1816.4	*1767.2*	1624.1	447.4	299.8	353.4	335.6	313.2
80°	277.4	308.7	487.7	1033.5	*1064.8*	944.0	272.9	210.3	246.1	214.8	192.4
82.5°	161.1	174.5	255.0	465.3	*675.6*	621.9	156.6	125.3	179.0	143.2	107.4
85°	80.5	85.0	116.3	201.3	*335.6*	255.0	67.1	58.2	85.0	62.6	35.8
87.5°	17.9	17.9	17.9	22.4	*31.3*	31.3	8.9	4.5	4.5	4.5	4.5
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: P1500762
CATALOG NUMBER: GSS-SB4B-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7	4697.7
2.5°	4706.7	4715.6	4684.3	4648.5	4639.6	4612.7	4621.7	4603.8	4576.9	4581.4	4585.9
5°	4751.4	4733.5	4670.9	4590.3	4518.8	4438.2	4344.3	4236.9	4160.8	4129.5	4156.4
7.5°	4791.7	4773.8	4666.4	4487.4	4245.8	3910.3	3561.3	3243.7	3024.4	2943.9	2961.8
10°	4903.5	4831.9	4635.1	4245.8	3668.7	3033.4	2679.9	2483.1	2416.0	2380.2	2384.6
12.5°	5051.2	4952.7	4576.9	3825.3	2952.8	2550.2	2424.9	2380.2	2357.8	2348.9	2357.8
15°	5230.1	5078.0	4438.2	3297.3	2621.8	2465.2	2438.3	2442.8	2442.8	2447.3	2447.3
17.5°	5386.7	5149.6	4187.7	2917.1	2554.7	2509.9	2536.8	2559.1	2559.1	2563.6	2559.1
20°	5529.9	5185.4	3865.5	2756.0	2568.1	2590.5	2653.1	2675.5	2679.9	2675.5	2675.5
22.5°	5682.0	5207.8	3543.4	2666.5	2599.4	2666.5	2733.6	2764.9	2773.9	2778.4	2782.8
25°	5829.6	5163.0	3279.5	2594.9	2586.0	2679.9	2756.0	2796.3	2805.2	2805.2	2809.7
27.5°	5977.3	5149.6	3100.5	2501.0	2523.3	2599.4	2688.9	2742.6	2778.4	2782.8	2787.3
30°	6147.3	5109.3	2930.5	2375.7	2384.6	2478.6	2572.6	2666.5	2738.1	2769.4	2769.4
32.5°	6263.6	5069.1	2778.4	2241.5	2241.5	2339.9	2456.2	2572.6	2675.5	2738.1	2751.5
35°	6375.5	5033.3	2644.1	2107.3	2111.7	2205.7	2326.5	2451.8	2581.5	2657.6	2693.4
37.5°	6433.6	4997.5	2550.2	2004.4	1986.5	2084.9	2165.4	2268.3	2407.0	2532.3	2563.6
40°	6447.1	4997.5	2541.2	1932.8	1856.7	1968.6	2004.4	2075.9	2201.2	2335.4	2384.6
42.5°	6357.6	4948.3	2586.0	1888.0	1722.5	1803.0	1843.3	1879.1	1959.6	2071.5	2111.7
45°	6250.2	4881.1	2626.2	1825.4	1557.0	1619.6	1682.2	1686.7	1722.5	1749.3	1776.2
47.5°	6160.7	4809.6	2554.7	1709.1	1386.9	1431.7	1498.8	1498.8	1480.9	1427.2	1409.3
50°	6232.3	4831.9	2433.9	1543.5	1230.4	1261.7	1333.3	1293.0	1252.7	1140.9	1127.5
52.5°	6294.9	4916.9	2290.7	1382.5	1096.1	1127.5	1199.0	1136.4	1055.9	966.4	953.0
55°	6192.0	4921.4	2026.7	1203.5	1002.2	1029.0	1096.1	1020.1	944.0	890.3	881.4
57.5°	5883.3	4787.2	1749.3	1064.8	921.6	948.5	1011.1	935.1	863.5	859.0	881.4
60°	5203.3	4317.4	1494.3	975.3	845.6	876.9	939.5	859.0	765.1	724.8	738.2
62.5°	3928.2	3319.7	1279.6	872.4	774.0	814.3	859.0	729.3	648.7	630.8	612.9
65°	*2872.3*	*2550.2*	*1149.8*	*791.9*	*706.9*	*756.1*	*720.3*	*648.7*	*595.0*	*577.1*	*568.2*
67.5°	1856.7	1731.4	988.8	715.8	644.3	684.5	635.3	599.5	541.4	532.4	545.8
70°	1136.4	1176.7	827.7	630.8	581.6	572.7	581.6	545.8	483.2	496.6	514.5
72.5°	805.3	868.0	711.4	550.3	496.6	478.7	519.0	496.6	451.9	465.3	483.2
75°	577.1	644.3	586.1	451.9	420.6	411.6	483.2	496.6	465.3	474.2	487.7
77.5°	340.0	411.6	416.1	349.0	317.7	366.9	514.5	572.7	550.3	523.5	510.0
80°	219.2	246.1	295.3	223.7	223.7	317.7	563.7	697.9	599.5	532.4	523.5
82.5°	111.9	129.7	192.4	143.2	134.2	237.1	554.8	666.6	662.2	590.6	577.1
85°	31.3	40.3	89.5	62.6	53.7	125.3	416.1	501.1	447.4	326.6	331.1
87.5°	4.5	4.5	0.0	0.0	4.5	17.9	49.2	8.9	8.9	8.9	8.9
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

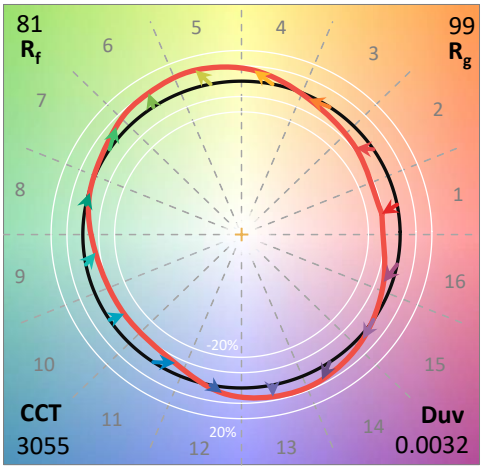
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

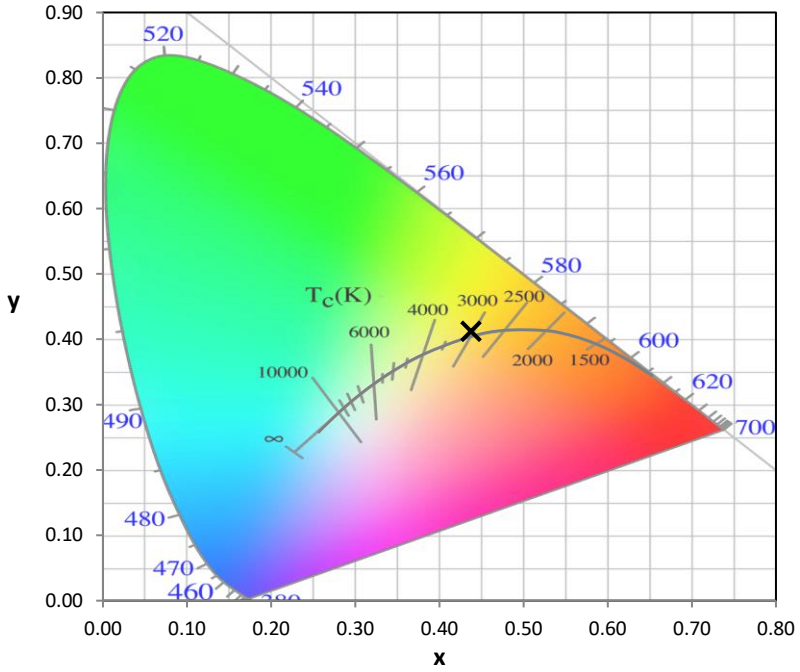
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

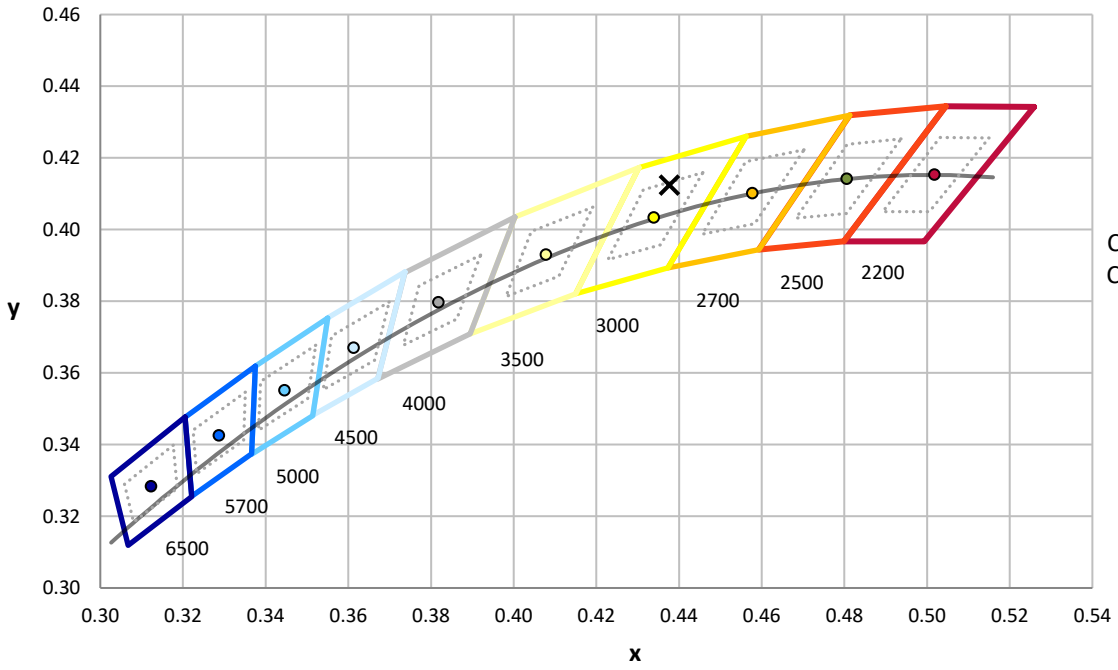
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

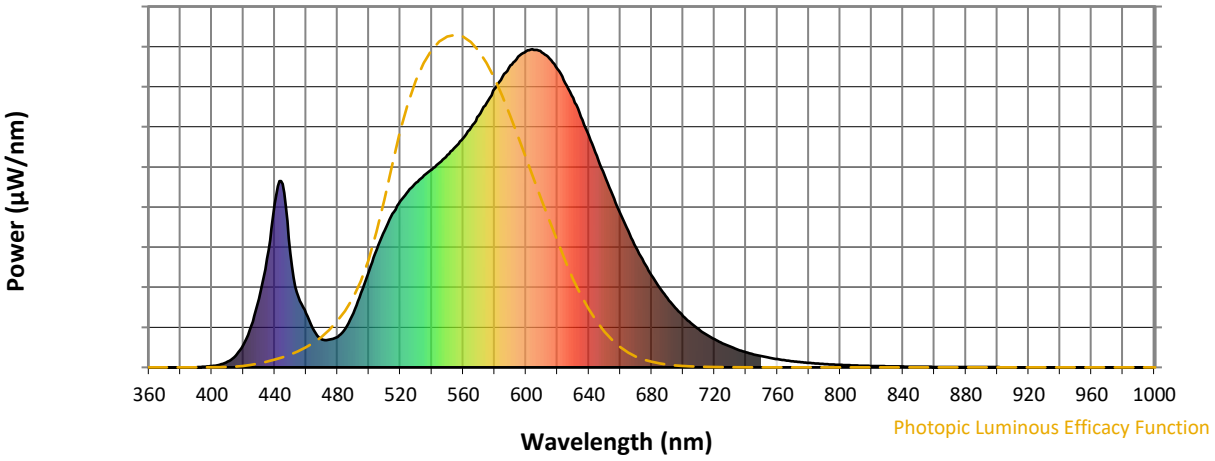


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

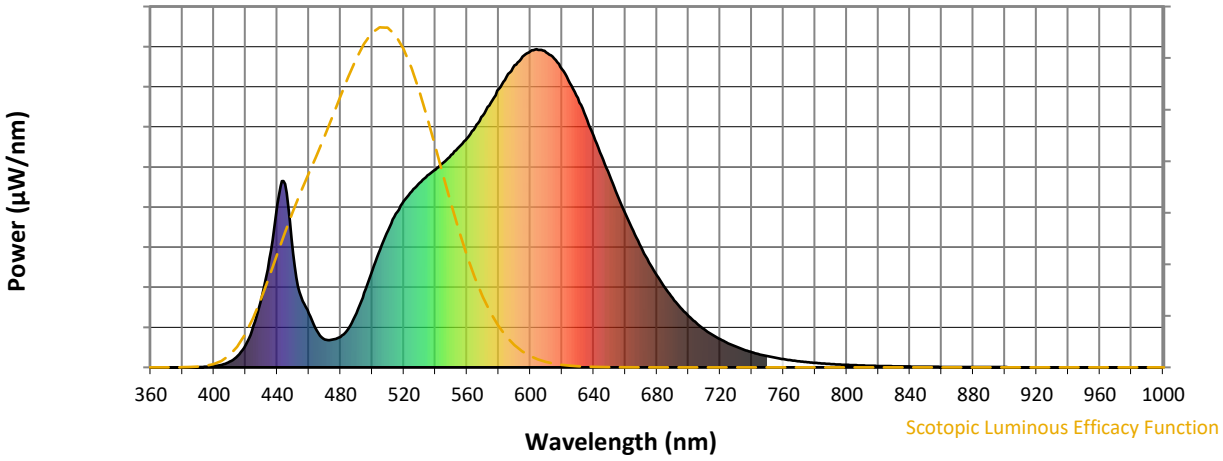


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

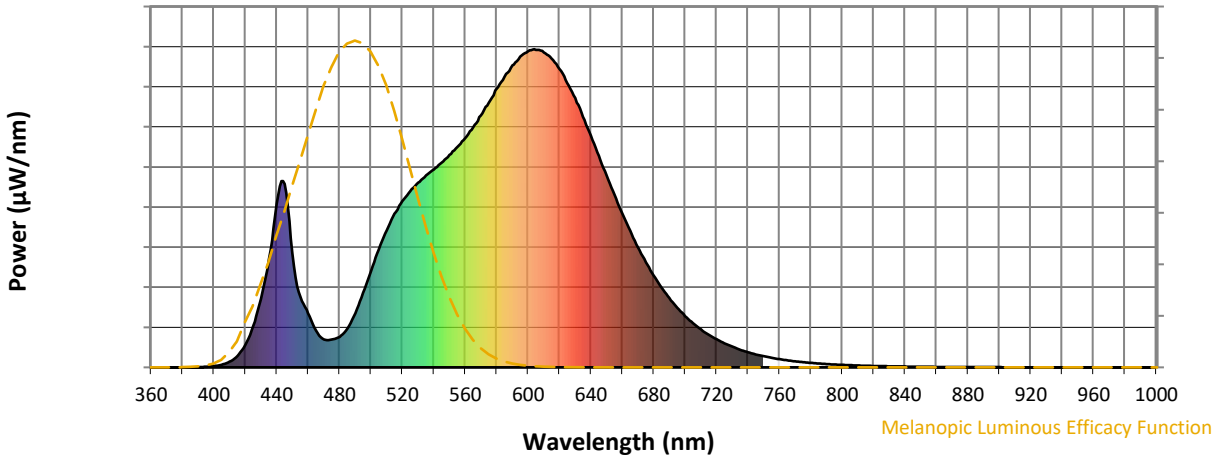


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

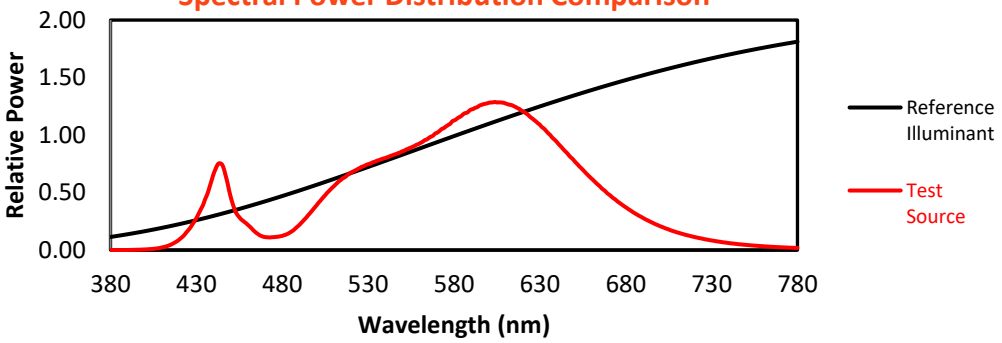
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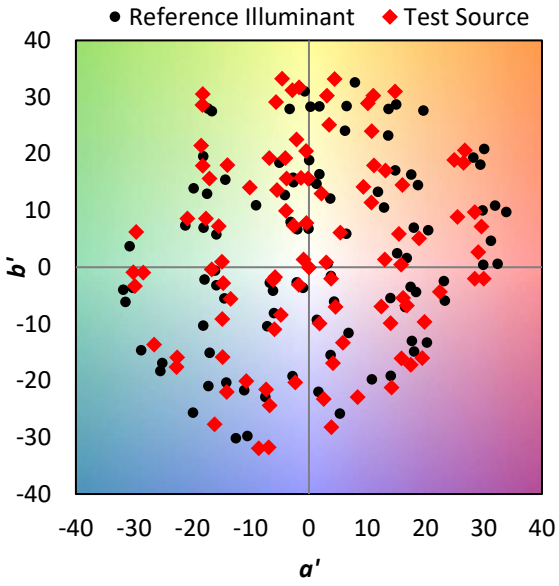
Summary

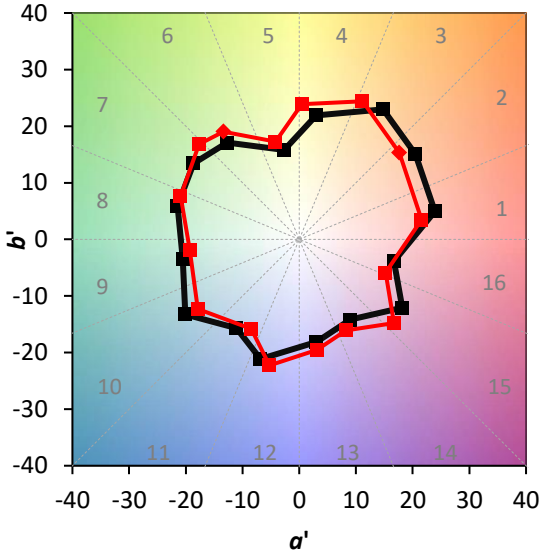
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

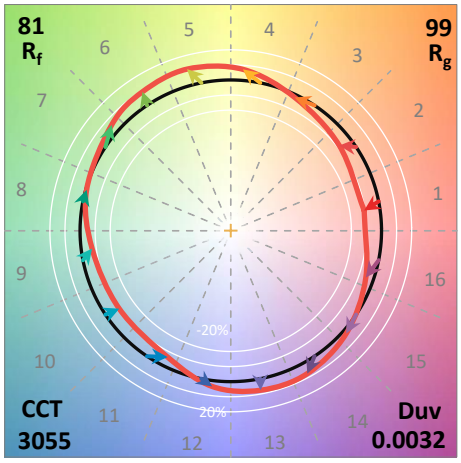
Spectral Power Distribution Comparison

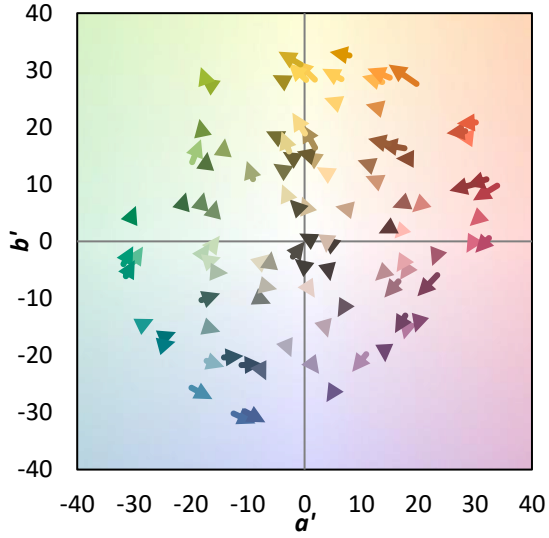


Color Vector Graphics







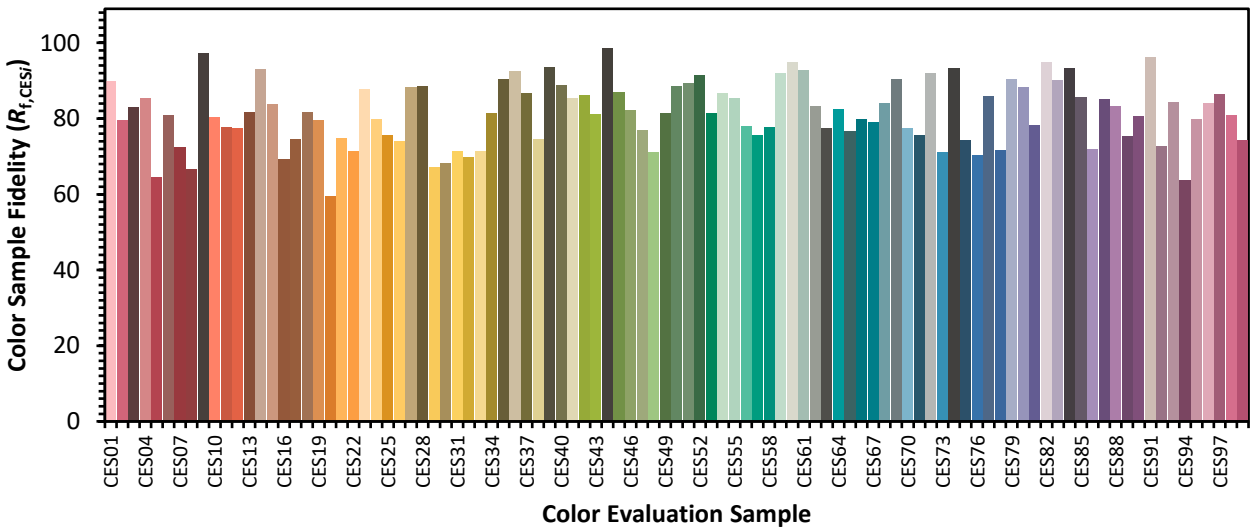


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Individual Sample Fidelity Index ($R_{f,i}$)

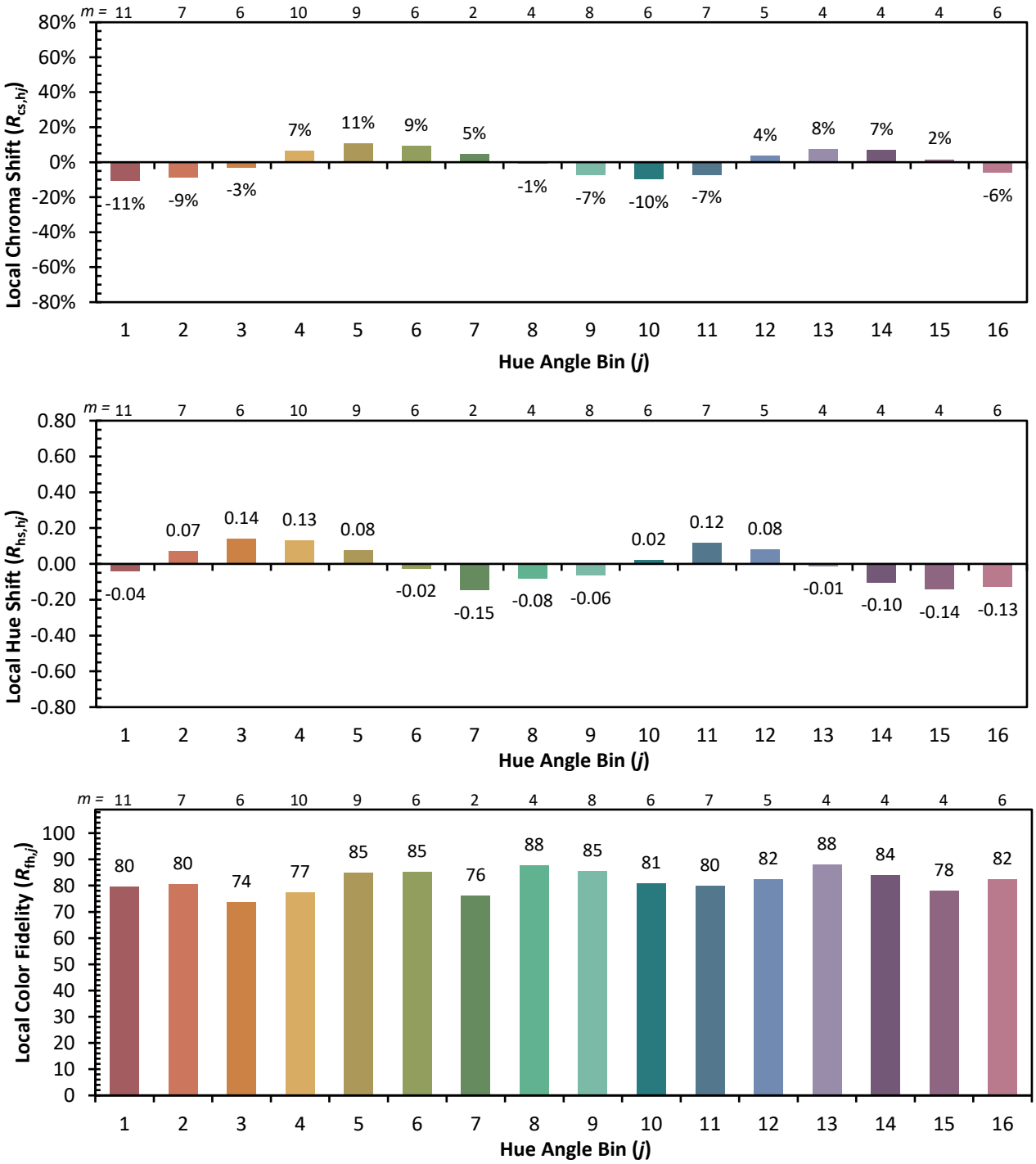
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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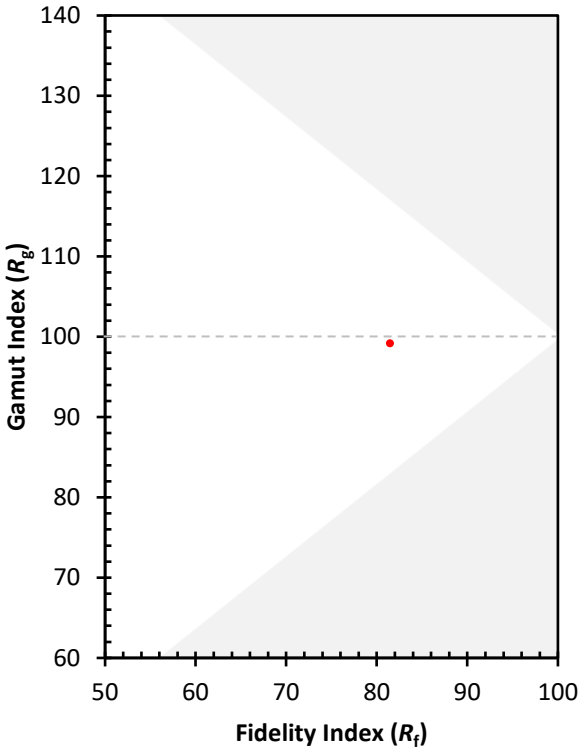
Color Rendition by Hue-Angle Bin

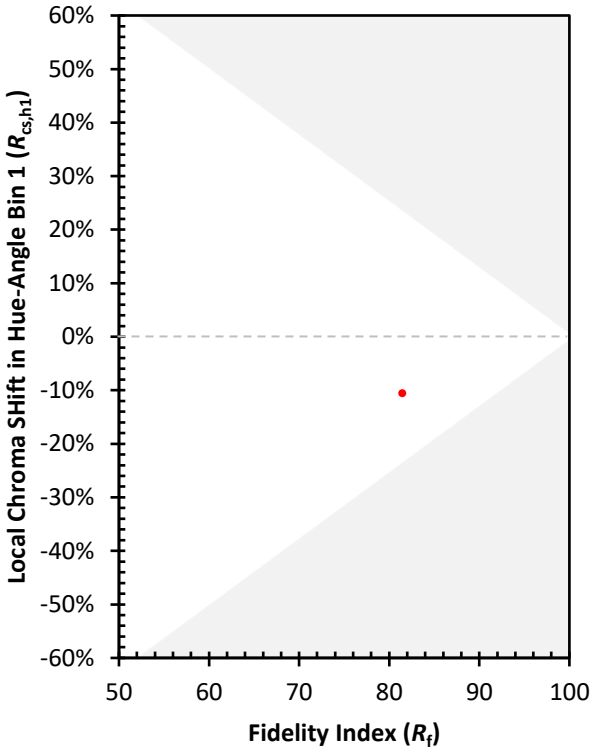


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Measure Comparisons





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