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: P1501147

Luminaire Tested: GSS-SB4C-830-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:	P1501147
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26541.2 lumens
Efficiency:	N/A
Efficacy:	130.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

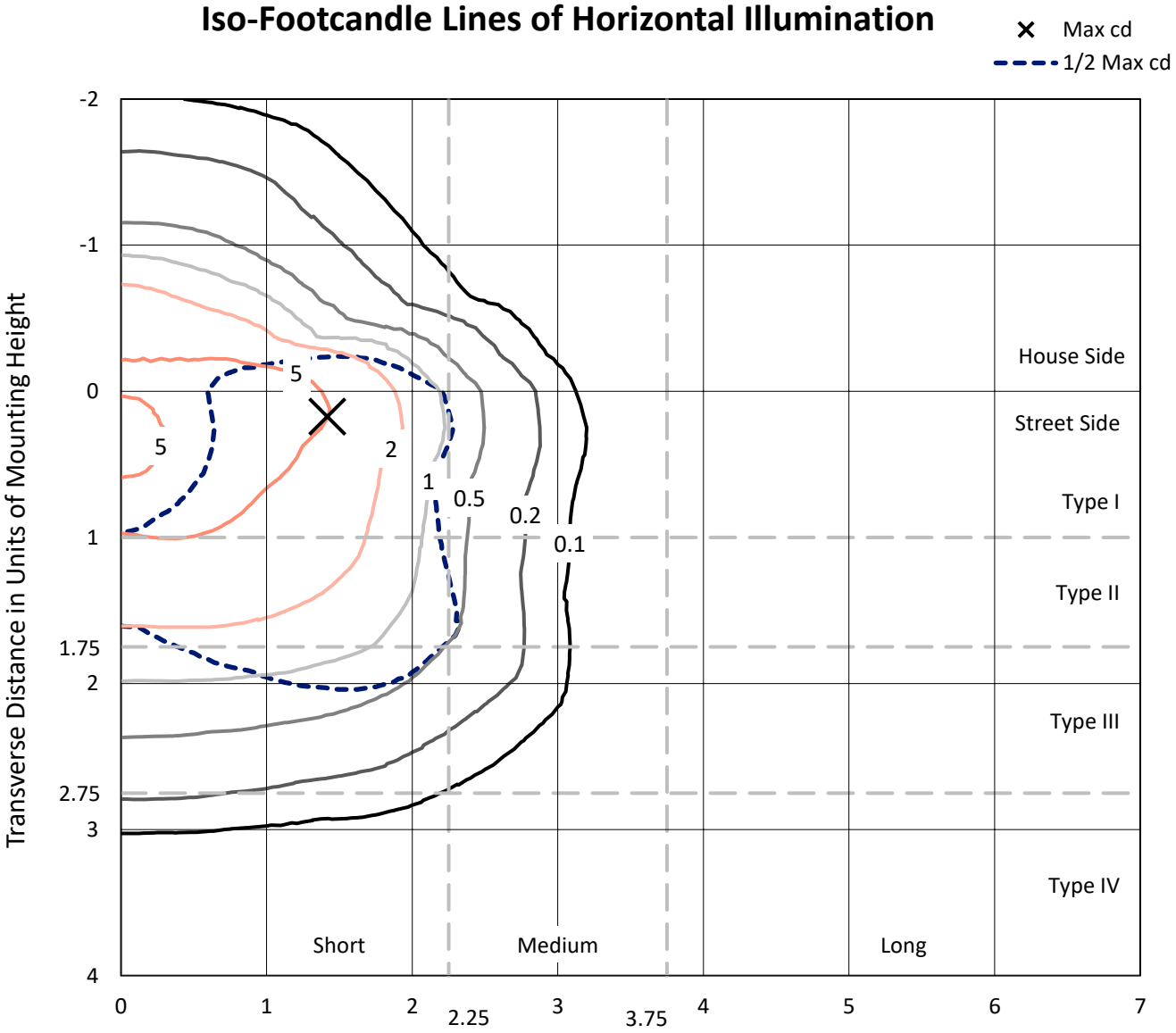
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501147
CATALOG NUMBER: GSS-SB4C-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



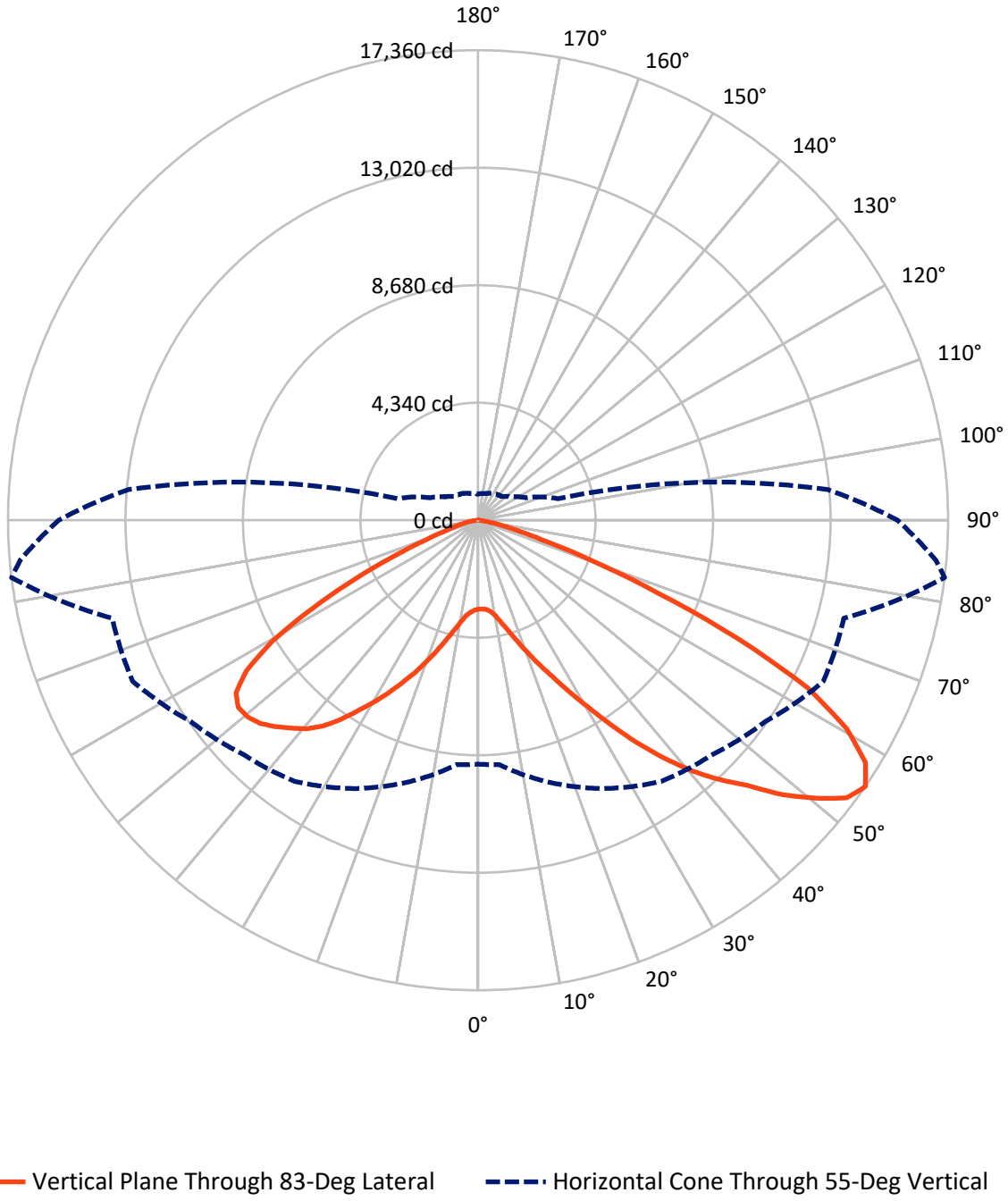
Based on 25 foot mounting height. Maximum calculated value = 8.9 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501147
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Luminous Intensity Polar Plot



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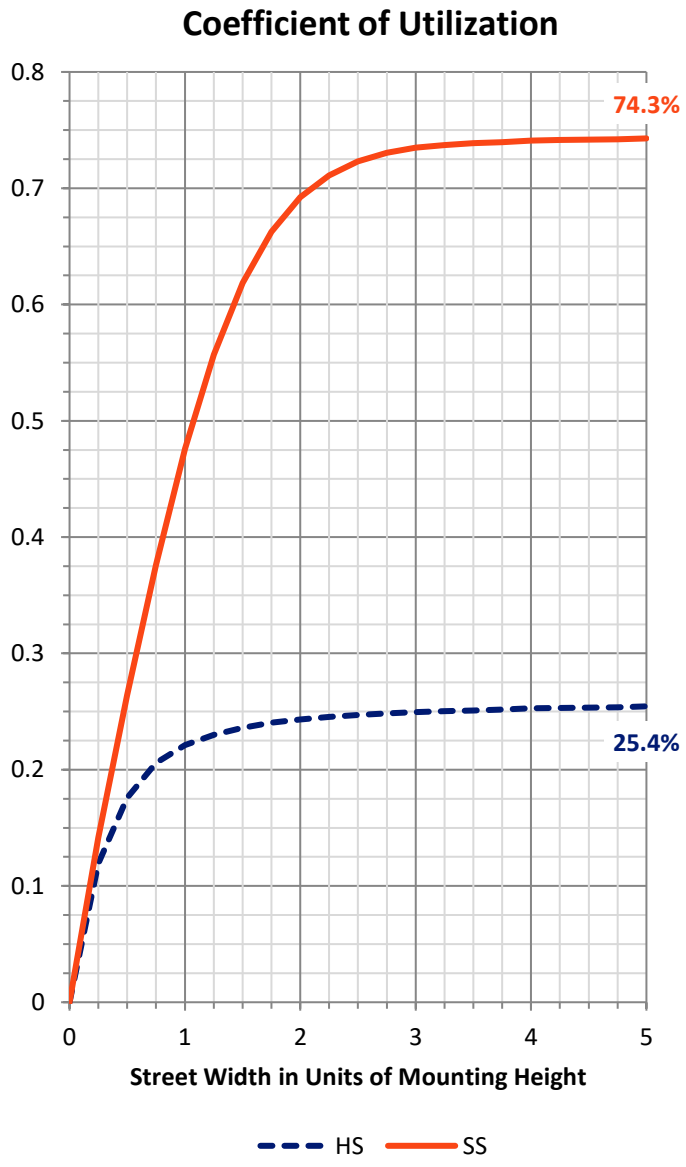
REPORT NUMBER: P1501147
CATALOG NUMBER: GSS-SB4C-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6811.0	0.0	6811.0
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	19730.1	0.0	19730.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	26541.2	0.0	26541.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.5	1.2
10°-20°	1034.2	3.9
20°-30°	2070.4	7.8
30°-40°	3683.5	13.9
40°-50°	5550.9	20.9
50°-60°	6764.2	25.5
60°-70°	5469.8	20.6
70°-80°	1498.1	5.6
80°-90°	152.6	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°	26541.2	100.0
0°-180°	26541.2	100.0



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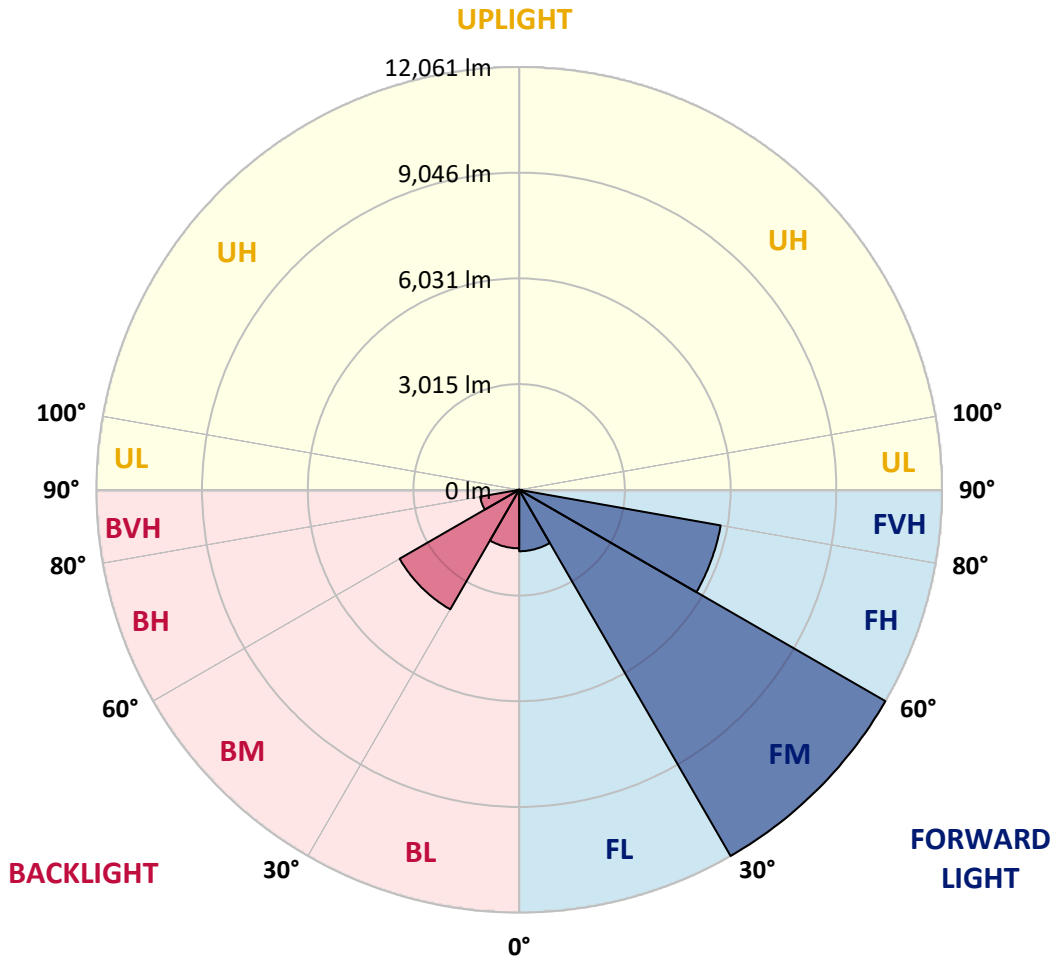
Scaled Data Report

REPORT NUMBER: P1501147
CATALOG NUMBER: GSS-SB4C-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1752.5	6.6			
FM	(30°-60°)	12061.1	45.4			
FH	(60°-80°)	5837.1	22.0			G3/7500
FVH	(80°-90°)	79.5	0.3			G1/100
BL	(0°-30°)	1669.5	6.3	B3/2500		
BM	(30°-60°)	3937.5	14.8	B3/5000		
BH	(60°-80°)	1130.8	4.3	B3/2500		G3/2500
BVH	(80°-90°)	73.1	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	*3285.5*	3285.5
2.5°	3191.1	3185.2	3179.3	3173.4	3185.2	3202.9	3220.6	3232.4	3261.9	*3285.5*	3273.7
5°	2937.5	2925.7	2937.5	2984.7	3026.0	3096.8	3167.5	3214.7	3279.6	*3309.1*	3320.9
7.5°	2713.4	2701.6	2713.4	2772.3	2843.1	2955.2	3102.7	3220.6	3338.6	*3409.4*	3421.2
10°	2713.4	2719.3	2719.3	2742.8	2778.2	2890.3	3067.3	3291.4	3497.9	*3598.1*	3621.7
12.5°	2801.8	2801.8	2801.8	2831.3	2854.9	2943.4	3143.9	3421.2	3751.5	*3899.0*	3916.7
15°	2919.8	2913.9	2931.6	2949.3	2990.6	3079.1	3279.6	3609.9	4028.7	*4252.9*	4276.5
17.5°	3085.0	3073.2	3090.9	3132.2	3191.1	3291.4	3492.0	3869.5	4412.1	*4695.3*	4730.7
20°	3267.8	3261.9	3297.3	3362.2	3444.8	3568.6	3798.7	4182.1	4848.6	*5208.5*	5273.3
22.5°	3486.1	3474.3	3539.2	3657.1	3769.2	3910.8	4188.0	4589.1	5350.0	*5780.6*	5845.5
25°	3733.8	3733.8	3822.3	3963.9	4134.9	4388.6	4665.8	5108.2	5939.9	*6400.0*	6500.2
27.5°	4140.8	4170.3	4205.7	4353.2	4595.0	4937.1	5232.1	5733.4	6582.8	*7160.9*	7196.3
30°	4801.5	4789.7	4848.6	4948.9	5149.5	5509.3	5951.7	6488.5	7396.8	*8004.4*	8092.9
32.5°	5397.2	5414.9	5497.5	5686.2	5928.1	6234.8	6765.7	7426.3	8281.6	*8983.6*	9024.8
35°	5998.9	6010.7	6169.9	6453.1	6812.9	7155.0	7733.1	8381.9	9243.1	*10074.8*	10186.9
37.5°	6842.4	6830.6	6989.8	7231.7	7715.4	8246.2	8712.2	9331.6	10163.3	*11136.5*	11266.3
40°	7473.5	7538.4	7839.2	8146.0	8600.1	9148.7	9543.9	10127.9	10918.3	*12174.7*	12292.7
42.5°	8122.4	8175.4	8576.6	9036.6	9514.4	9886.0	10192.8	10735.4	11519.9	*13094.9*	13159.8
45°	8659.1	8729.9	9190.0	9774.0	10269.4	10647.0	10753.1	11260.4	12133.4	*13979.7*	14079.9
47.5°	9001.3	9077.9	9620.6	10304.8	10812.1	11213.2	11177.8	11891.6	12788.1	*15153.5*	15118.1
50°	9237.2	9284.4	9874.2	10605.7	11266.3	11531.7	11685.1	12605.3	13460.6	*16138.5*	16008.8
52.5°	9408.3	9484.9	10021.7	10823.9	11519.9	11868.0	12280.9	13431.1	13926.6	*17041.0*	16752.0
55°	*9007.1*	*9066.1*	*10009.9*	*10936.0*	*11779.5*	*12239.6*	*12959.2*	*14074.0*	*13985.6*	*17359.6*	*16970.2*
57.5°	8594.2	8641.4	9514.4	10906.5	12062.6	12699.7	13731.9	14156.6	13460.6	*16870.0*	16380.4
60°	8075.2	8110.6	8983.6	10593.9	12068.5	13059.5	14127.1	13555.0	12487.3	*15637.2*	15171.2
62.5°	7119.6	7119.6	8081.1	9750.4	11773.6	13242.3	14021.0	12416.5	11183.7	*13696.5*	13053.6
65°	6175.8	6134.5	6783.4	8246.2	10989.1	13195.1	13224.6	10977.3	9160.5	*10564.4*	10063.0
67.5°	5149.5	5155.4	5538.8	6694.9	8901.0	12210.1	11543.5	8482.2	6382.3	*7113.7*	6854.2
70°	3486.1	3574.5	3963.9	4860.4	6712.6	8653.2	9190.0	5745.2	3981.5	*4418.0*	4205.7
72.5°	1327.2	1344.9	1799.1	2548.2	4241.1	5202.6	6411.8	3214.7	2329.9	*2436.1*	2447.9
75°	560.4	584.0	766.8	1073.5	1881.7	2837.2	3374.0	1628.0	1415.7	*1457.0*	1445.2
77.5°	377.5	389.3	466.0	578.1	849.4	1138.4	1409.8	920.2	867.1	*814.0*	790.4
80°	283.1	283.1	336.2	389.3	477.8	584.0	613.5	466.0	519.1	*430.6*	418.8
82.5°	182.9	194.7	212.3	230.0	271.3	289.0	247.7	253.6	300.8	*224.1*	212.3
85°	88.5	94.4	100.3	106.2	106.2	100.3	88.5	112.1	153.4	*94.4*	88.5
87.5°	11.8	11.8	11.8	11.8	11.8	11.8	5.9	5.9	5.9	*5.9*	5.9
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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Scaled Data Report

REPORT NUMBER: P1501147
CATALOG NUMBER: GSS-SB4C-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5	3285.5
2.5°	3291.4	3315.0	3332.7	3344.5	3374.0	3368.1	3385.8	3397.6	3409.4	3427.1	3403.5
5°	3350.4	3391.7	3438.9	3474.3	3509.7	3527.4	3533.3	3545.1	3551.0	3562.7	3556.9
7.5°	3480.2	3527.4	3598.1	3633.5	3663.0	3663.0	3645.3	3639.4	3621.7	3633.5	3633.5
10°	3698.4	3769.2	3845.9	3851.8	3816.4	3775.1	3710.2	3674.8	3627.6	3615.8	3604.0
12.5°	4016.9	4111.3	4170.3	4129.0	4005.1	3851.8	3680.7	3521.5	3397.6	3344.5	3332.7
15°	4376.8	4494.7	4506.5	4388.6	4164.4	3792.8	3433.0	3256.0	3191.1	3191.1	3185.2
17.5°	4872.2	4954.8	4907.6	4624.5	4123.1	3515.6	3256.0	3226.5	3244.2	3267.8	3267.8
20°	5391.3	5485.7	5291.0	4789.7	3869.5	3350.4	3273.7	3297.3	3338.6	3362.2	3356.3
22.5°	6010.7	6057.9	5680.3	4795.6	3598.1	3309.1	3309.1	3338.6	3368.1	3403.5	3403.5
25°	6647.7	6630.0	6040.2	4577.3	3444.8	3297.3	3285.5	3309.1	3320.9	3338.6	3332.7
27.5°	7361.4	7267.1	6317.4	4229.3	3397.6	3261.9	3202.9	3179.3	3191.1	3208.8	3214.7
30°	8181.3	7957.2	6541.5	4011.0	3379.9	3179.3	3037.8	2972.9	2961.1	2984.7	2984.7
32.5°	9131.0	8647.3	6677.2	3981.5	3362.2	3031.9	2843.1	2719.3	2695.7	2707.5	2736.9
35°	10104.3	9479.0	6641.8	4058.2	3368.1	2913.9	2636.7	2471.5	2447.9	2459.7	2489.2
37.5°	11124.7	10269.4	6506.1	4176.2	3320.9	2754.6	2447.9	2247.4	2212.0	2235.6	2247.4
40°	11915.2	10936.0	6169.9	4223.4	3238.3	2554.1	2229.7	2058.6	1964.2	1958.3	1987.8
42.5°	12646.6	11461.0	5804.2	4146.7	3067.3	2341.7	2005.5	1834.5	1687.0	1574.9	1574.9
45°	13378.0	11991.8	5432.6	3928.5	2784.1	2117.6	1769.6	1539.5	1368.5	1285.9	1291.8
47.5°	14109.4	12505.0	4990.2	3598.1	2501.0	1881.7	1515.9	1333.1	1215.1	1150.2	1150.2
50°	14787.8	12876.6	4423.9	3073.2	2176.6	1645.7	1339.0	1232.8	1144.3	1085.3	1073.5
52.5°	15383.5	13124.4	3657.1	2436.1	1822.7	1380.3	1244.6	1162.0	1097.1	1032.3	1014.6
55°	*15489.7*	*12959.2*	*3061.4*	*1958.3*	*1504.1*	*1238.7*	*1173.8*	*1103.0*	*1014.6*	*985.1*	*967.4*
57.5°	14835.0	12086.2	2583.6	1651.6	1285.9	1138.4	1114.8	1032.3	961.5	932.0	914.3
60°	13720.1	10499.5	2135.3	1415.7	1144.3	1044.1	1073.5	991.0	878.9	861.2	843.5
62.5°	11714.6	8193.1	1704.7	1191.5	1038.2	973.3	1002.8	884.8	790.4	766.8	760.9
65°	9107.4	5863.2	1433.4	1049.9	955.6	902.5	890.7	784.5	713.7	696.0	696.0
67.5°	6358.7	3727.9	1197.4	961.5	849.4	814.0	808.1	737.3	690.1	672.4	672.4
70°	3893.1	2259.2	1008.7	878.9	749.1	684.2	725.5	713.7	642.9	625.3	619.4
72.5°	2023.2	1350.8	884.8	808.1	631.1	584.0	648.8	654.7	595.8	619.4	613.5
75°	1173.8	937.9	772.7	713.7	501.4	489.6	566.3	625.3	578.1	595.8	584.0
77.5°	672.4	601.7	595.8	584.0	395.2	401.1	507.3	560.4	495.5	513.2	471.9
80°	371.6	389.3	412.9	365.7	277.2	312.6	407.0	448.3	377.5	371.6	342.1
82.5°	194.7	241.8	277.2	235.9	159.3	188.8	277.2	277.2	241.8	230.0	224.1
85°	88.5	100.3	129.8	118.0	59.0	70.8	129.8	141.6	123.9	112.1	106.2
87.5°	5.9	5.9	5.9	5.9	5.9	5.9	11.8	17.7	5.9	5.9	5.9
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

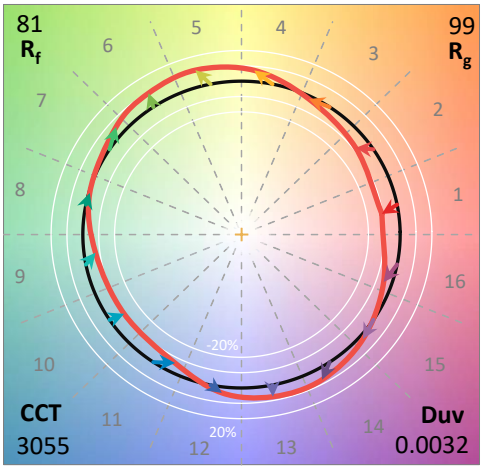
Test Information

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

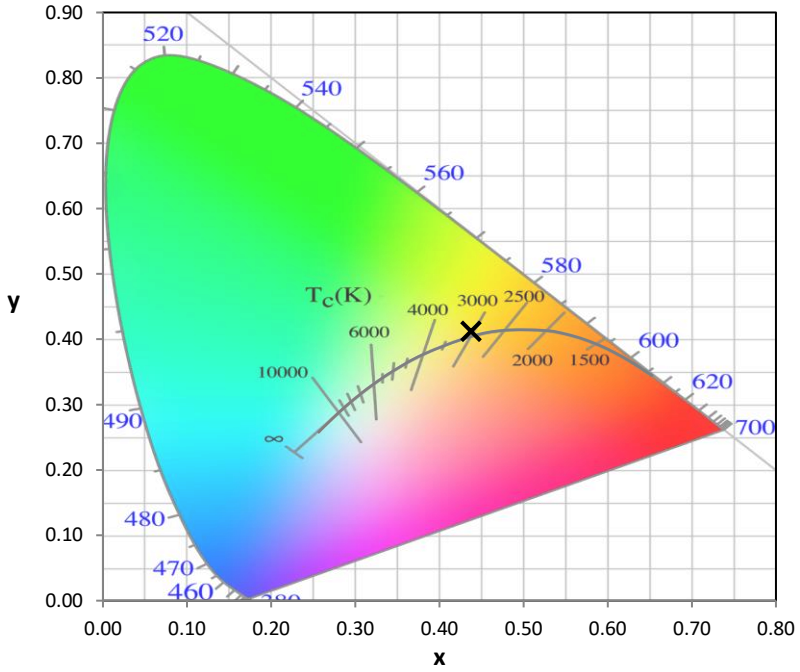
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

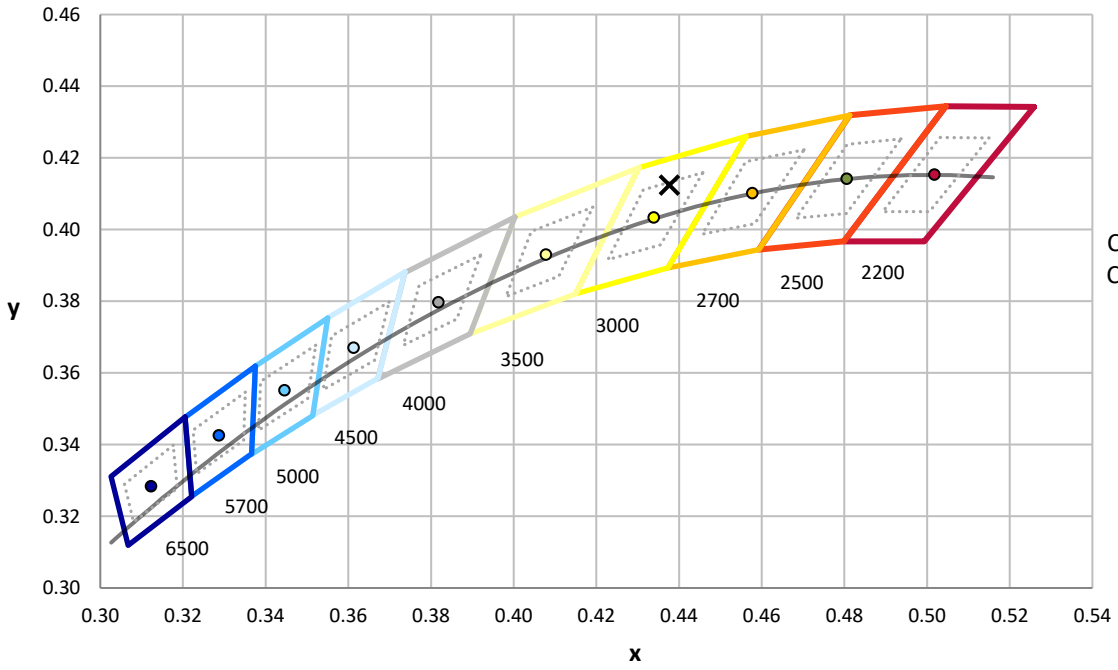
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

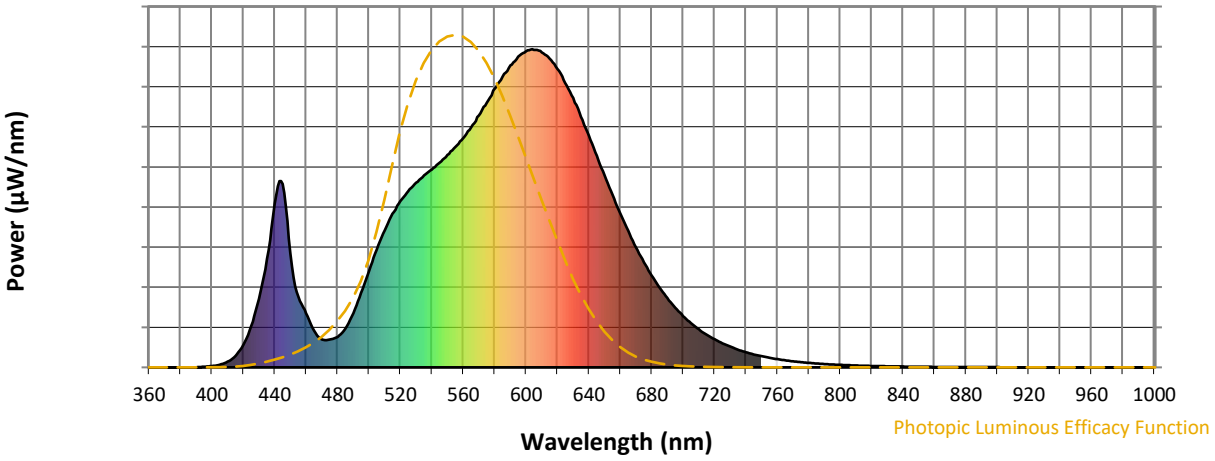


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

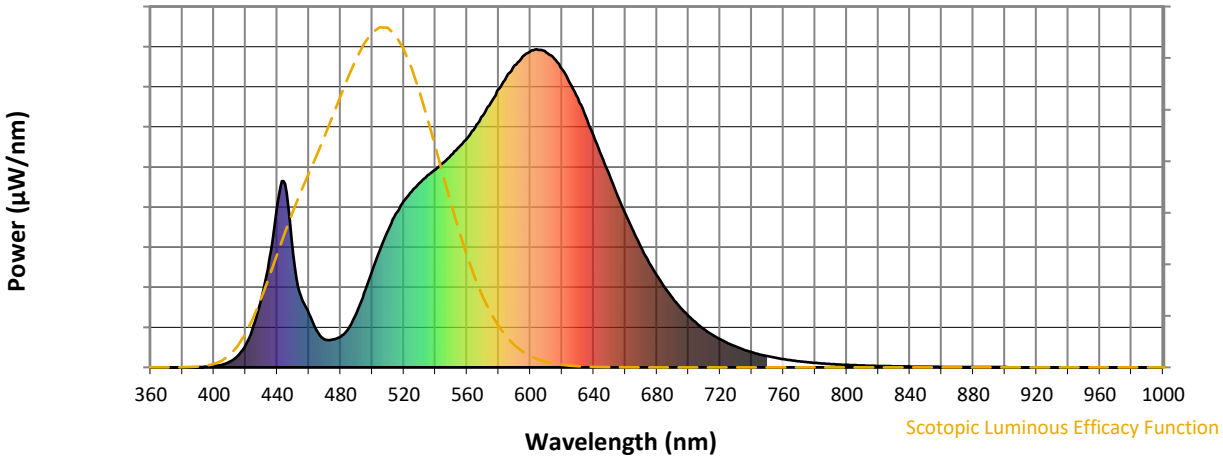


Photopic Lumens: NR

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

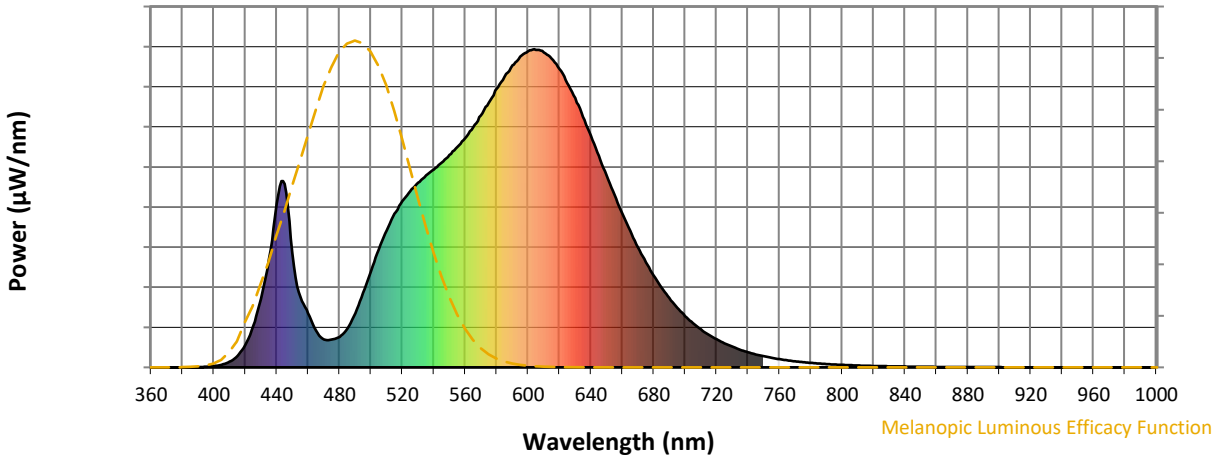


Scotopic Lumens: NR **S/P: 1.28**

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			

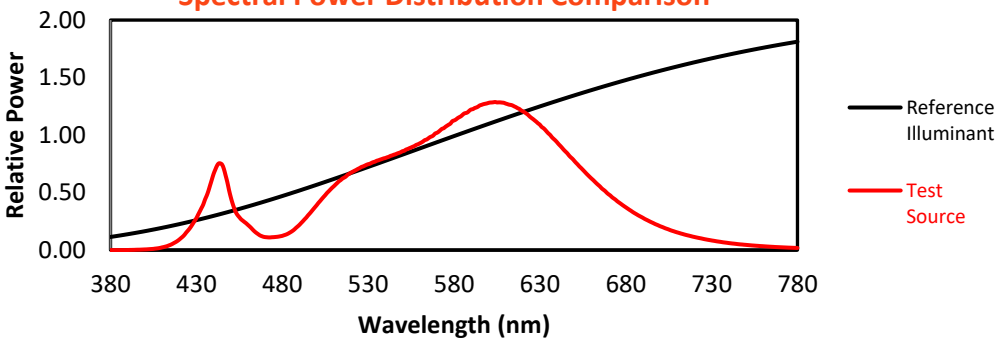
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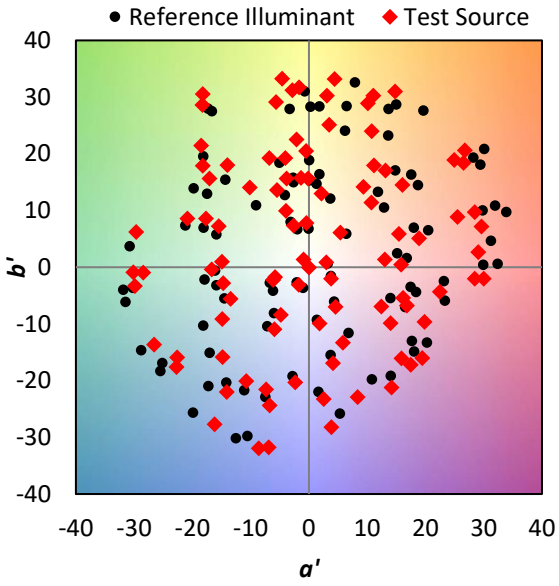
Summary

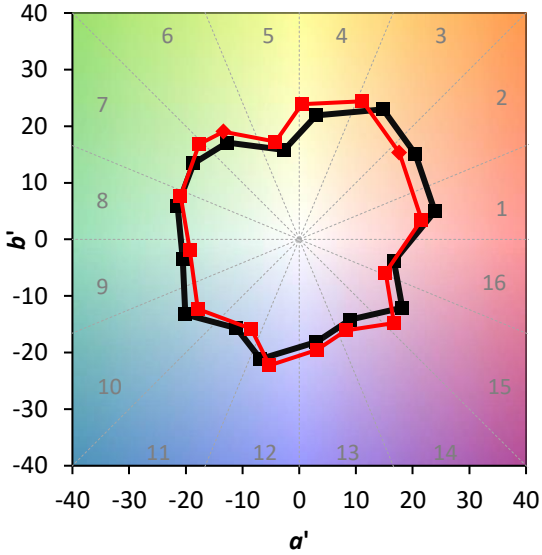
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

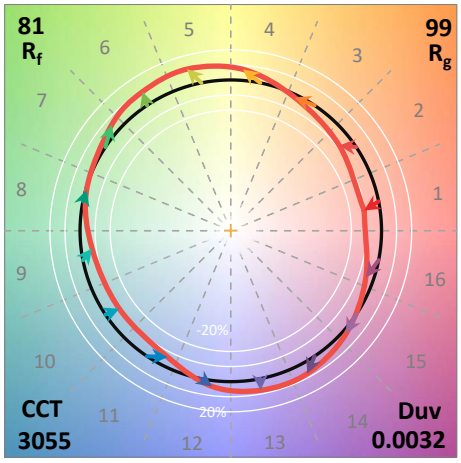
Spectral Power Distribution Comparison

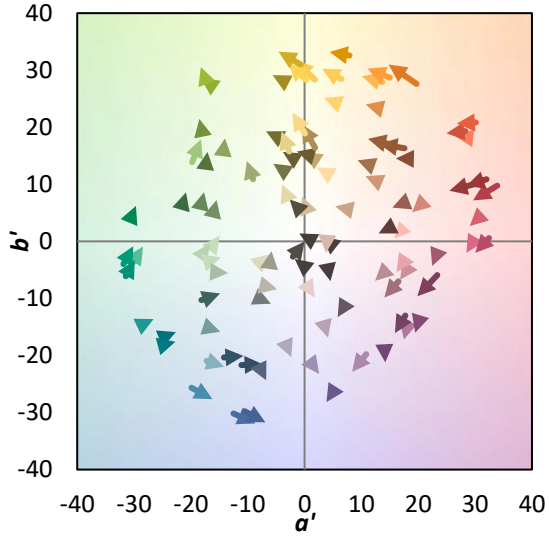


Color Vector Graphics







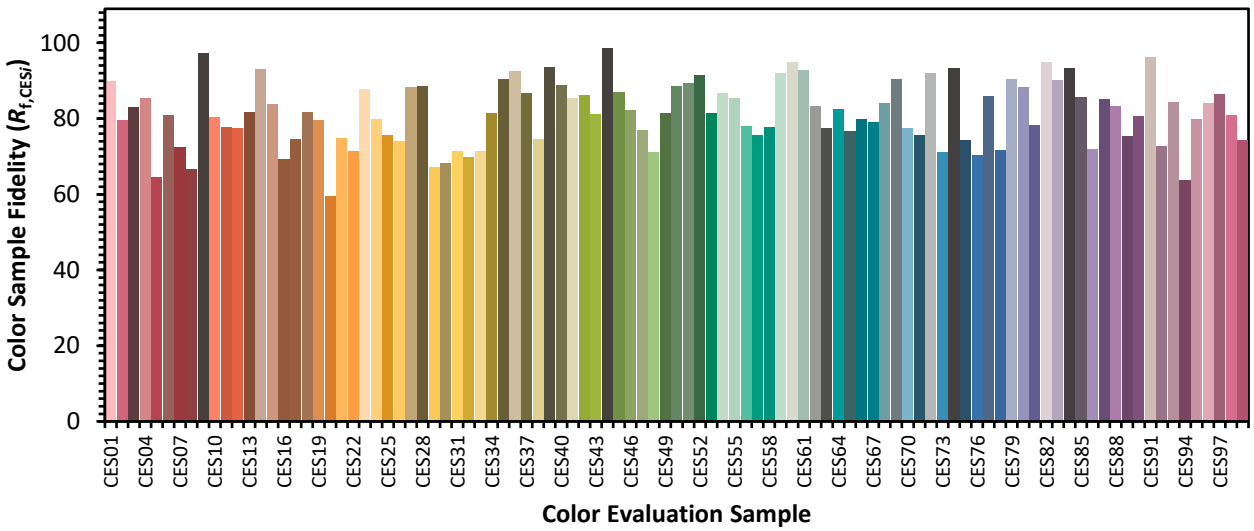


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Individual Sample Fidelity Index ($R_{f,i}$)

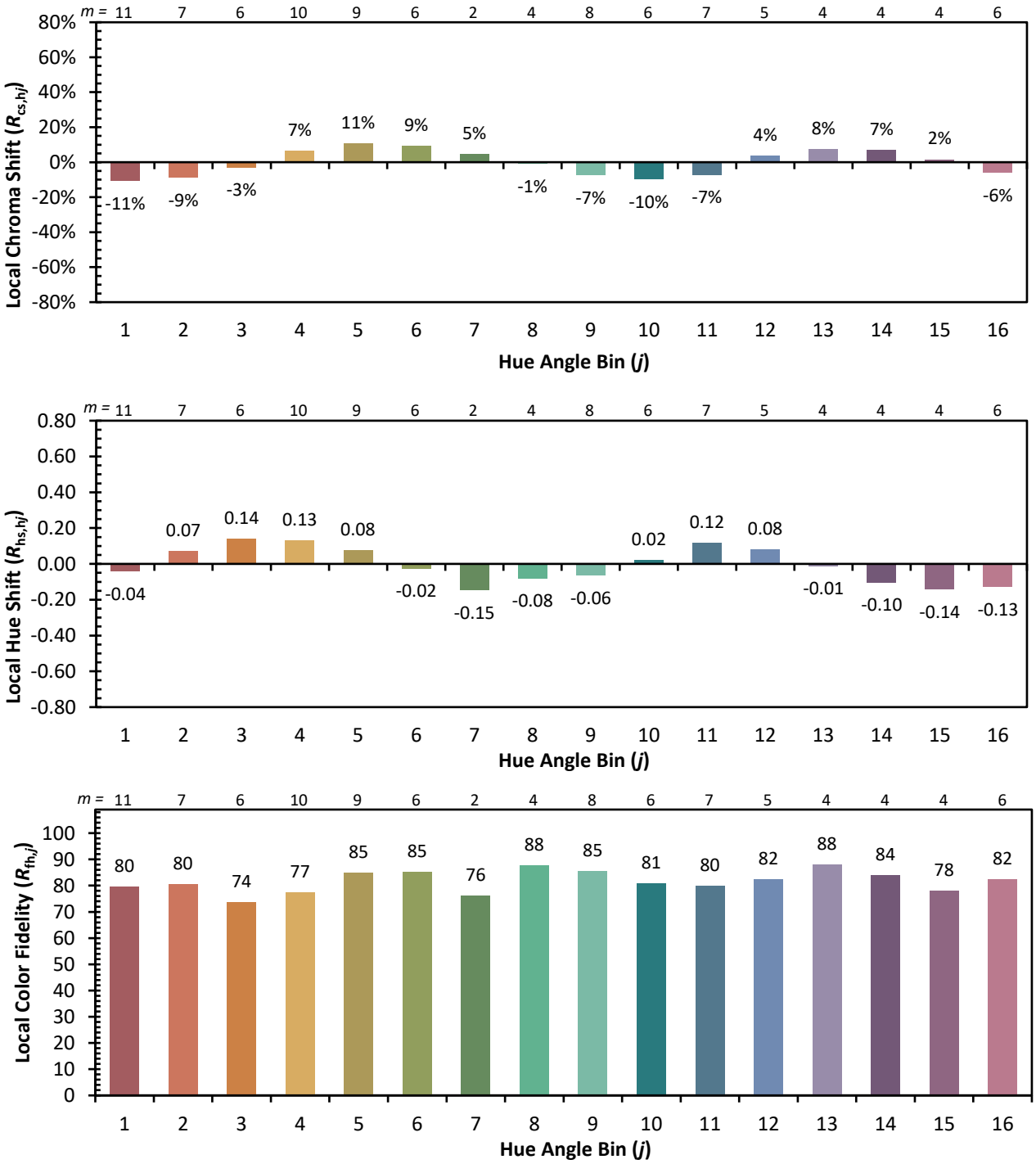
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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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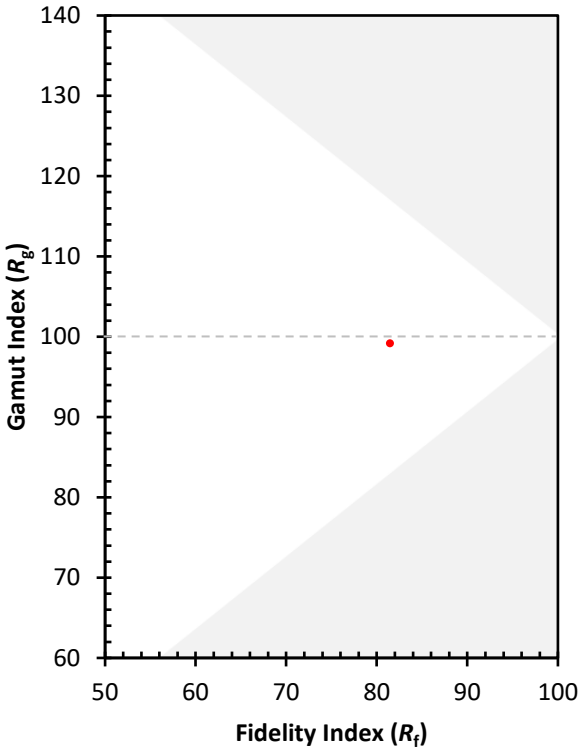
Color Rendition by Hue-Angle Bin

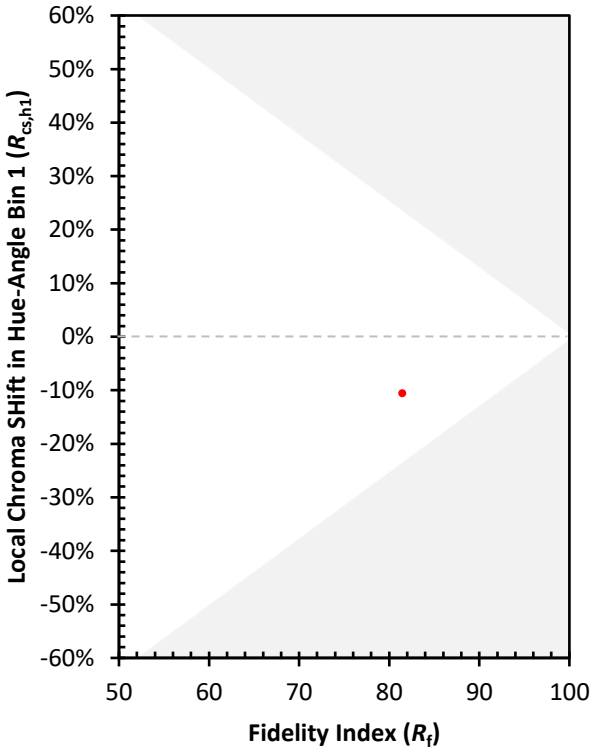


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Measure Comparisons





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