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: P1502371

Luminaire Tested: GSS-SB4C-850-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:	P1502371
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-850-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23162 lumens
Efficiency:	N/A
Efficacy:	113.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

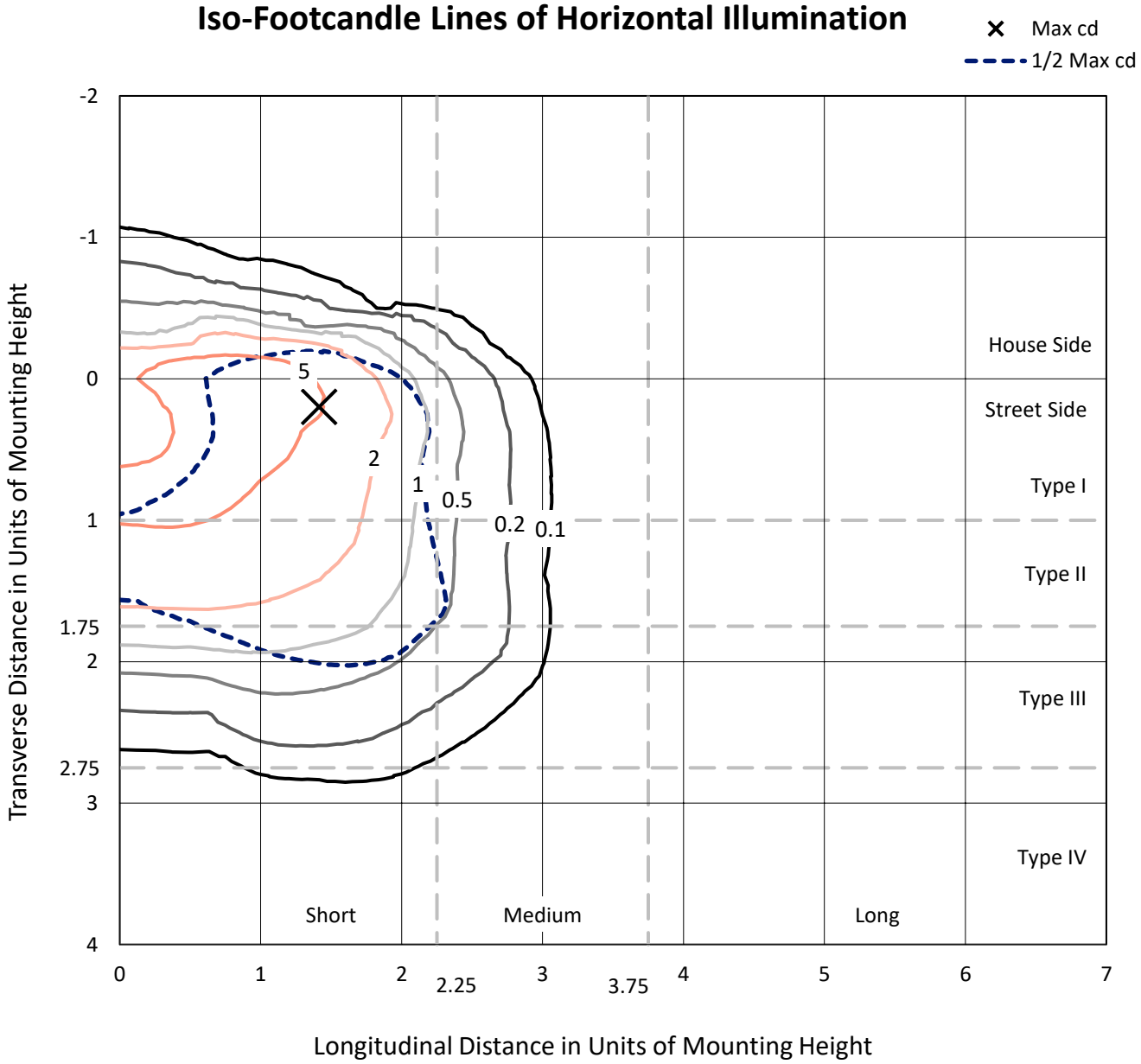
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502371
CATALOG NUMBER: GSS-SB4C-850-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



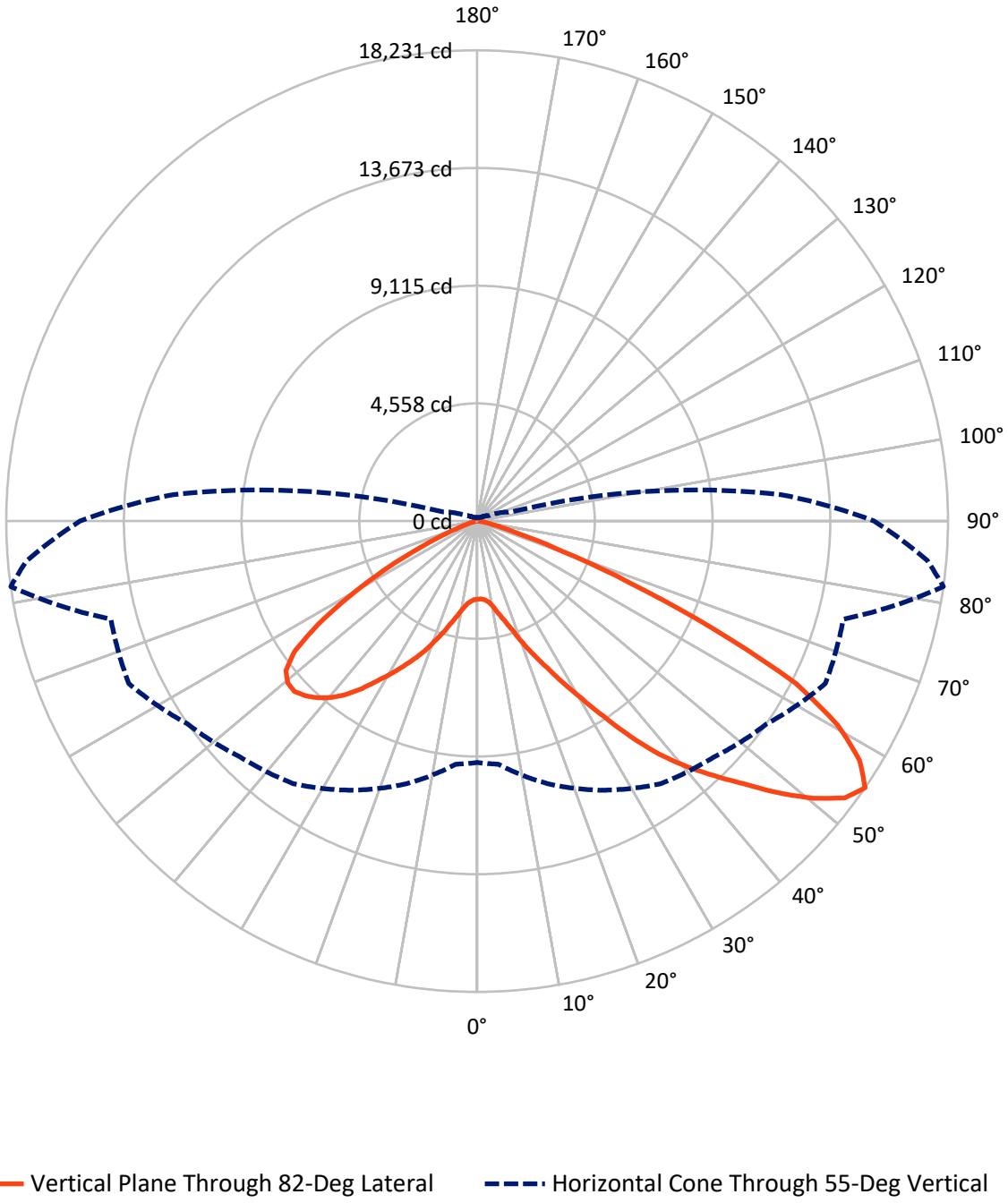
Based on 25 foot mounting height. Maximum calculated value = 9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

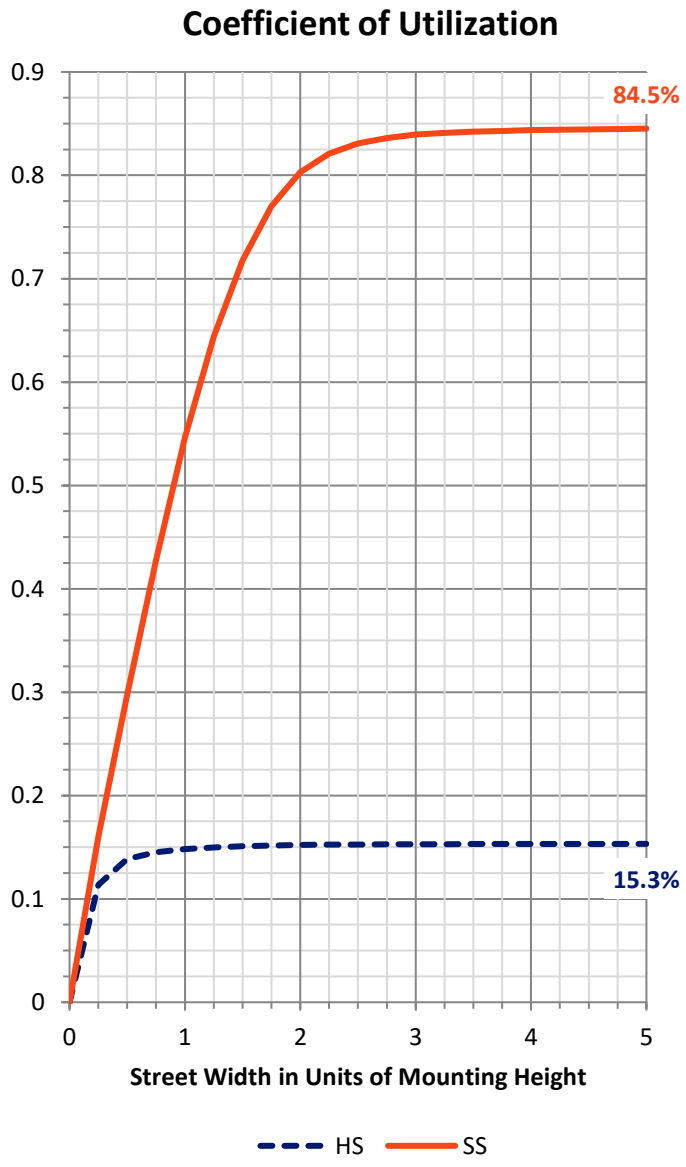
REPORT NUMBER: P1502371
CATALOG NUMBER: GSS-SB4C-850-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3580.1	0.0	3580.1
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	19581.9	0.0	19581.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	23162.0	0.0	23162.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	274.1	1.2
10°-20°	742.0	3.2
20°-30°	1483.4	6.4
30°-40°	3071.7	13.3
40°-50°	5131.4	22.2
50°-60°	6508.2	28.1
60°-70°	4865.3	21.0
70°-80°	1030.5	4.4
80°-90°	55.5	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°	23162.0	100.0
0°-180°	23162.0	100.0



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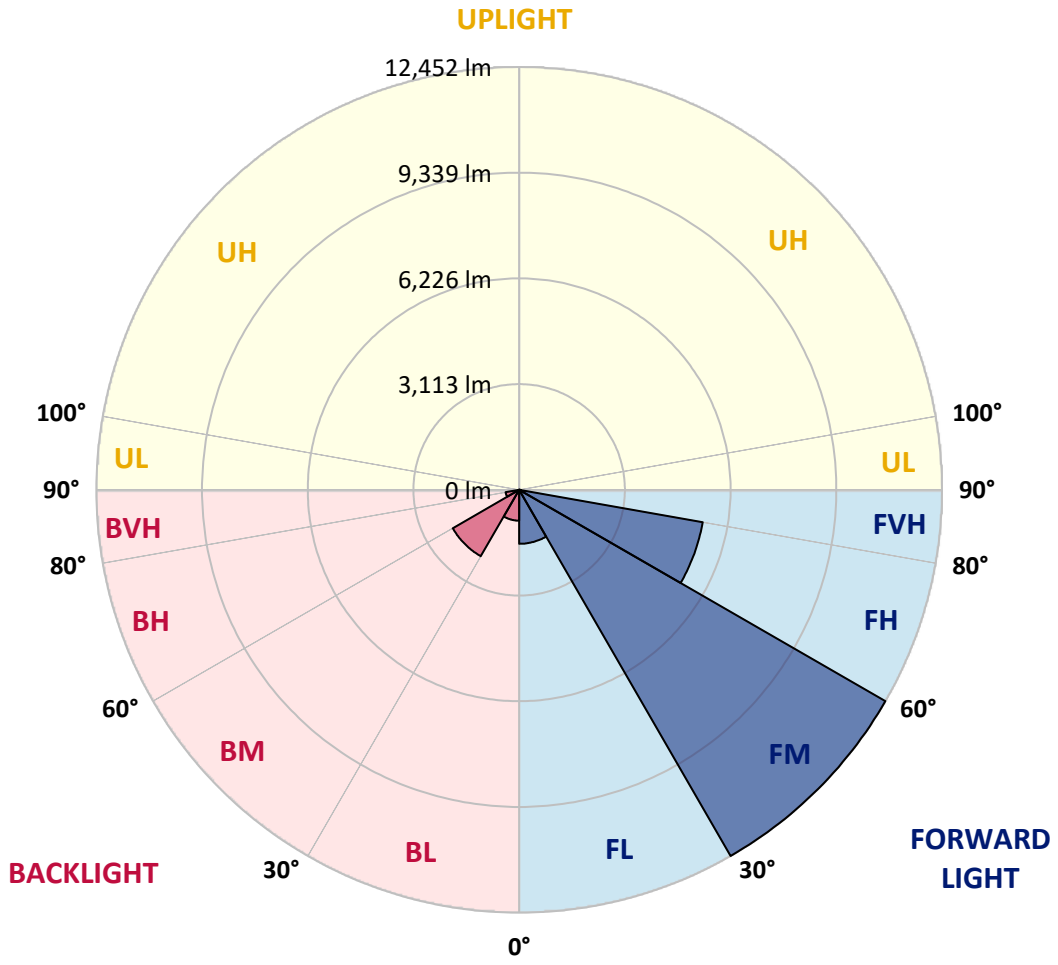
Scaled Data Report

REPORT NUMBER: P1502371
CATALOG NUMBER: GSS-SB4C-850-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1590.7	6.9			
FM	(30°-60°)	12452.3	53.8			
FH	(60°-80°)	5489.3	23.7			G3/7500
FVH	(80°-90°)	49.6	0.2			G1/100
BL	(0°-30°)	908.8	3.9	B2/1000		
BM	(30°-60°)	2258.9	9.8	B2/2500		
BH	(60°-80°)	406.5	1.8	B1/500		G1/500
BVH	(80°-90°)	5.9	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-G3
Type III Short



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REPORT NUMBER: P1502371
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	*3023.8*	3023.8
2.5°	2942.1	2948.4	2935.8	2942.1	2954.6	2948.4	2973.5	2992.4	3011.2	*3017.5*	3023.8
5°	2684.3	2690.6	2696.9	2747.2	2778.6	2854.1	2923.2	2967.2	3030.1	*3061.5*	3067.8
7.5°	2376.3	2376.3	2401.4	2464.3	2546.0	2690.6	2847.8	2973.5	3092.9	*3155.8*	3168.4
10°	2319.7	2326.0	2326.0	2370.0	2439.2	2583.7	2784.9	3036.4	3250.1	*3344.4*	3375.8
12.5°	2332.3	2338.6	2344.9	2388.9	2458.0	2583.7	2841.5	3168.4	3501.6	*3658.7*	3677.6
15°	2363.7	2376.3	2395.1	2451.7	2527.2	2690.6	2960.9	3357.0	3803.3	*4004.5*	4054.8
17.5°	2458.0	2464.3	2495.7	2558.6	2678.0	2841.5	3137.0	3602.2	4224.5	*4444.5*	4538.8
20°	2602.6	2615.2	2659.2	2747.2	2885.5	3092.9	3419.8	3922.8	4677.1	*5016.6*	5092.0
22.5°	2784.9	2784.9	2847.8	2986.1	3181.0	3413.6	3809.6	4350.2	5230.3	*5626.4*	5752.1
25°	3086.7	3080.4	3130.7	3287.8	3520.4	3859.9	4262.2	4859.4	5808.7	*6280.2*	6412.2
27.5°	3778.2	3759.3	3740.5	3746.7	3947.9	4381.7	4846.9	5500.7	6525.4	*7078.6*	7179.2
30°	4582.8	4608.0	4582.8	4520.0	4551.4	4953.7	5532.1	6286.5	7330.0	*7952.4*	8084.4
32.5°	5286.9	5299.5	5406.4	5475.5	5500.7	5689.3	6324.2	7235.7	8354.7	*9033.7*	9203.4
35°	6053.9	6072.7	6192.2	6336.8	6563.1	6732.8	7317.5	8335.9	9398.3	*10253.2*	10379.0
37.5°	6946.6	6978.0	7135.1	7342.6	7656.9	8046.7	8361.0	9335.4	10460.7	*11447.7*	11579.7
40°	7732.4	7832.9	8103.3	8367.3	8700.5	9140.5	9348.0	10209.2	11246.5	*12503.8*	12723.8
42.5°	8474.2	8530.7	8964.5	9373.1	9769.2	10127.5	10328.7	10894.5	11944.3	*13484.5*	13729.7
45°	9090.2	9134.2	9618.3	10158.9	10649.3	11007.6	11039.0	11560.8	12635.8	*14521.8*	14710.4
47.5°	9467.4	9536.6	10158.9	10775.0	11315.7	11648.8	11598.5	12409.5	13390.2	*15728.8*	15753.9
50°	9693.7	9737.7	10372.7	11171.1	11837.4	12070.0	12176.9	13220.5	14075.4	*16872.9*	16722.0
52.5°	9857.2	9926.3	10548.7	11397.4	12145.5	12459.8	12843.3	14132.0	14616.1	*17809.6*	17407.2
55°	*9348.0*	*9448.6*	*10523.6*	*11498.0*	*12409.5*	*12937.6*	*13691.9*	*14880.1*	*14678.9*	*18230.8*	*17495.3*
57.5°	8775.9	8794.8	9857.2	11466.5	12705.0	13440.5	14471.5	14936.7	14094.3	*17463.8*	16602.6
60°	7933.5	8046.7	9134.2	11057.9	12755.3	13842.8	14999.5	14251.4	13025.6	*16043.1*	14748.1
62.5°	5569.8	5745.8	7166.6	9982.9	12396.9	14062.8	14911.5	13057.0	11686.6	*13849.1*	12396.9
65°	3118.1	3269.0	4432.0	8053.0	11410.0	14012.6	14006.3	11460.2	9536.6	*10008.1*	8863.9
67.5°	1709.9	1829.4	2300.8	6060.2	9052.5	12937.6	12101.5	8744.5	6393.3	*6355.6*	5532.1
70°	1194.4	1200.7	1452.2	4092.5	6506.5	9027.4	9461.1	5865.3	3966.8	*3507.9*	2960.9
72.5°	584.6	590.9	722.9	1929.9	3979.3	5004.0	6487.6	3048.9	2225.4	*1741.4*	1483.6
75°	295.5	289.2	396.0	722.9	1647.1	2439.2	2860.3	1527.6	1295.0	*955.5*	848.7
77.5°	188.6	194.9	232.6	396.0	741.8	949.3	880.1	829.8	760.7	*559.5*	484.1
80°	125.7	125.7	157.2	251.5	364.6	452.6	270.3	383.5	446.3	*326.9*	282.9
82.5°	37.7	37.7	94.3	138.3	176.0	182.3	119.4	176.0	251.5	*182.3*	138.3
85°	25.1	25.1	50.3	69.2	75.4	62.9	37.7	75.4	119.4	*81.7*	69.2
87.5°	0.0	0.0	0.0	6.3	6.3	6.3	6.3	6.3	6.3	*6.3*	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: P1502371
CATALOG NUMBER: GSS-SB4C-850-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8	3023.8
2.5°	3030.1	3036.4	3055.2	3061.5	3074.1	3080.4	3080.4	3080.4	3074.1	3080.4	3092.9
5°	3080.4	3111.8	3137.0	3130.7	3130.7	3099.2	3074.1	3023.8	2998.6	2992.4	2998.6
7.5°	3206.1	3231.2	3256.4	3218.7	3124.4	2979.8	2822.6	2696.9	2590.0	2539.7	2558.6
10°	3432.4	3463.8	3463.8	3287.8	3023.8	2684.3	2401.4	2168.8	1992.8	1898.5	1942.5
12.5°	3759.3	3784.5	3721.6	3350.7	2847.8	2288.3	1816.8	1427.0	1200.7	1087.6	1062.4
15°	4136.5	4174.2	3960.5	3338.1	2571.2	1709.9	1131.6	848.7	766.9	741.8	748.1
17.5°	4620.6	4639.4	4224.5	3237.5	2093.4	1119.0	804.7	722.9	704.1	691.5	691.5
20°	5217.8	5161.2	4438.3	3067.8	1527.6	880.1	741.8	678.9	660.1	653.8	660.1
22.5°	5859.0	5771.0	4614.3	2747.2	1156.7	829.8	710.4	641.2	616.1	609.8	609.8
25°	6531.6	6330.5	4752.6	2275.7	1081.3	817.2	672.7	584.6	559.5	546.9	546.9
27.5°	7298.6	6952.8	4828.0	1904.8	1100.1	798.4	628.6	534.4	496.6	484.1	484.1
30°	8147.3	7644.4	4834.3	1829.4	1137.9	773.2	584.6	477.8	440.1	421.2	427.5
32.5°	9178.3	8348.4	4815.4	1948.8	1163.0	754.4	534.4	421.2	389.8	370.9	370.9
35°	10247.0	9203.4	4740.0	2175.1	1175.6	697.8	471.5	370.9	333.2	326.9	333.2
37.5°	11309.4	10014.4	4633.1	2300.8	1112.7	572.1	383.5	320.6	295.5	295.5	295.5
40°	12277.5	10718.4	4488.5	2194.0	886.4	414.9	314.3	276.6	264.0	257.7	264.0
42.5°	13000.4	11347.1	4224.5	1848.2	628.6	333.2	276.6	245.2	232.6	232.6	238.9
45°	13792.5	11950.6	3715.3	1357.9	477.8	289.2	238.9	213.7	207.5	207.5	213.7
47.5°	14590.9	12434.6	3225.0	905.3	414.9	257.7	213.7	194.9	188.6	182.3	188.6
50°	15200.7	12667.2	2583.7	660.1	377.2	232.6	194.9	182.3	169.7	163.4	163.4
52.5°	15634.5	12604.4	1892.2	565.8	345.8	213.7	182.3	169.7	150.9	150.9	150.9
55°	*15370.4*	*11799.7*	*1364.2*	*509.2*	*320.6*	*201.2*	*176.0*	*157.2*	*144.6*	*138.3*	*138.3*
57.5°	14088.0	10058.4	987.0	458.9	282.9	188.6	169.7	150.9	132.0	125.7	125.7
60°	12246.1	7832.9	735.5	402.3	245.2	182.3	150.9	144.6	125.7	113.2	113.2
62.5°	10008.1	5701.8	572.1	345.8	220.0	157.2	144.6	132.0	113.2	100.6	94.3
65°	6946.6	3639.9	440.1	282.9	207.5	138.3	132.0	113.2	94.3	75.4	75.4
67.5°	4287.4	2162.5	339.5	220.0	163.4	119.4	113.2	100.6	81.7	62.9	62.9
70°	2370.0	1144.1	232.6	163.4	125.7	94.3	88.0	88.0	69.2	56.6	50.3
72.5°	1137.9	622.4	157.2	138.3	94.3	62.9	69.2	69.2	56.6	44.0	44.0
75°	685.2	370.9	106.9	106.9	62.9	50.3	50.3	56.6	44.0	31.4	31.4
77.5°	389.8	220.0	62.9	81.7	44.0	31.4	37.7	31.4	25.1	18.9	18.9
80°	220.0	125.7	37.7	56.6	25.1	18.9	18.9	12.6	12.6	6.3	6.3
82.5°	106.9	69.2	18.9	18.9	12.6	6.3	6.3	6.3	6.3	0.0	0.0
85°	50.3	12.6	6.3	6.3	6.3	6.3	6.3	6.3	6.3	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

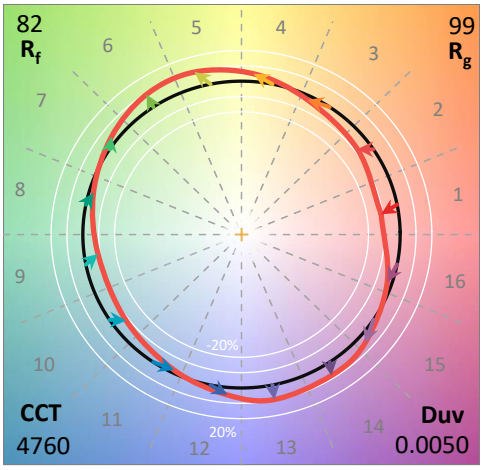
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

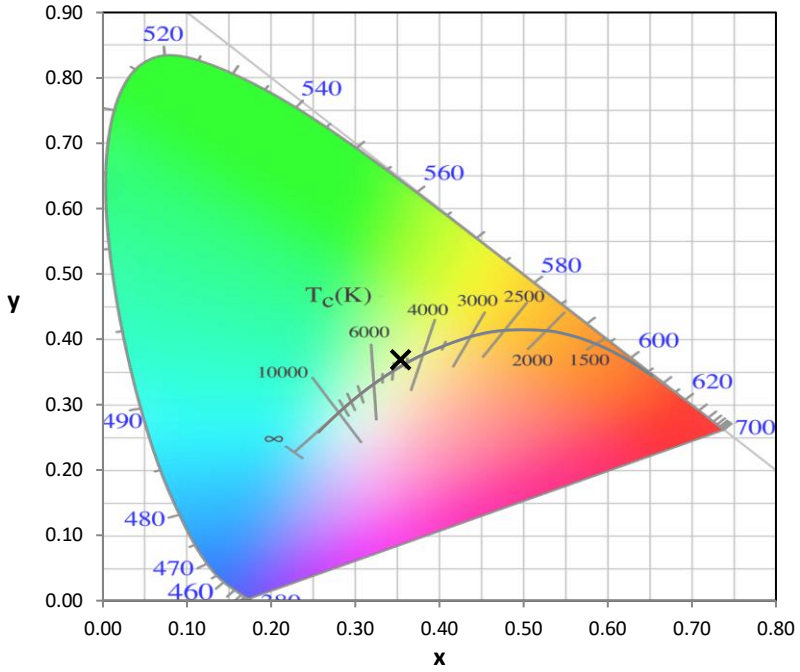
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

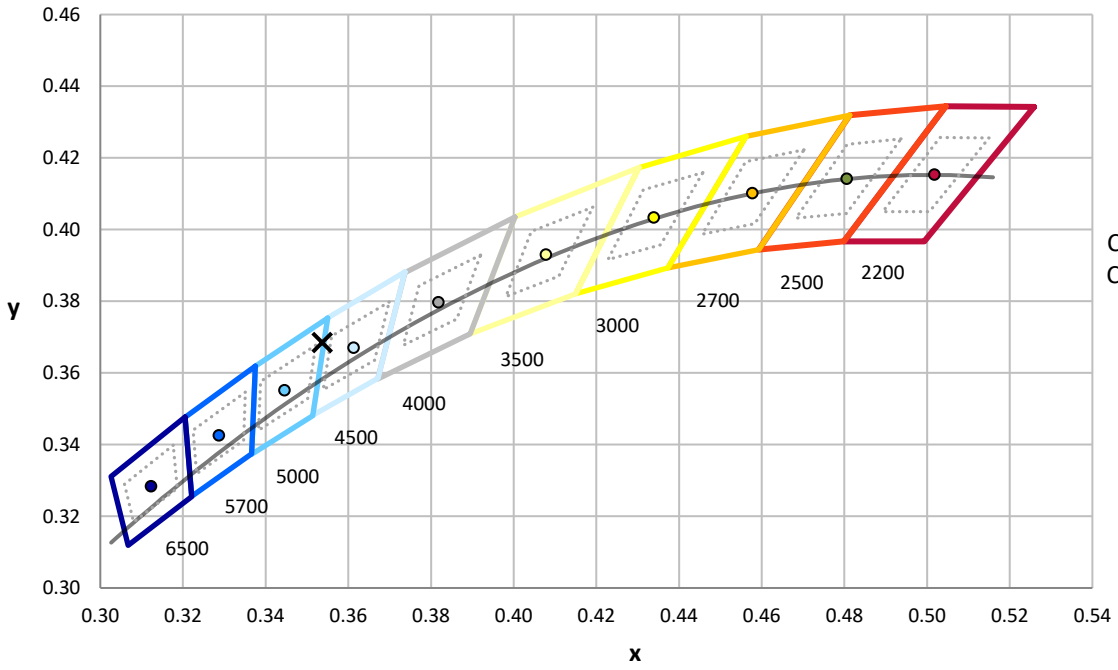
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

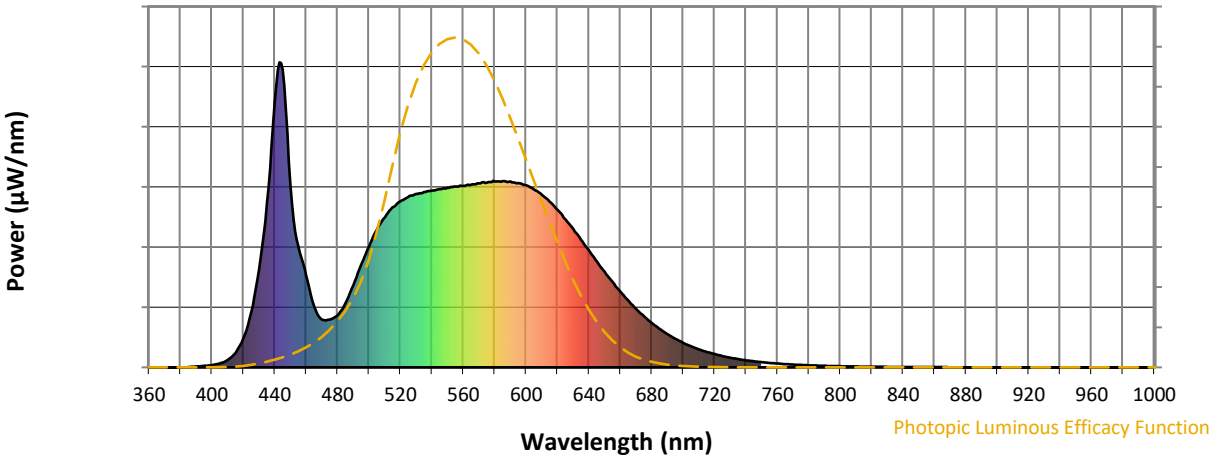


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

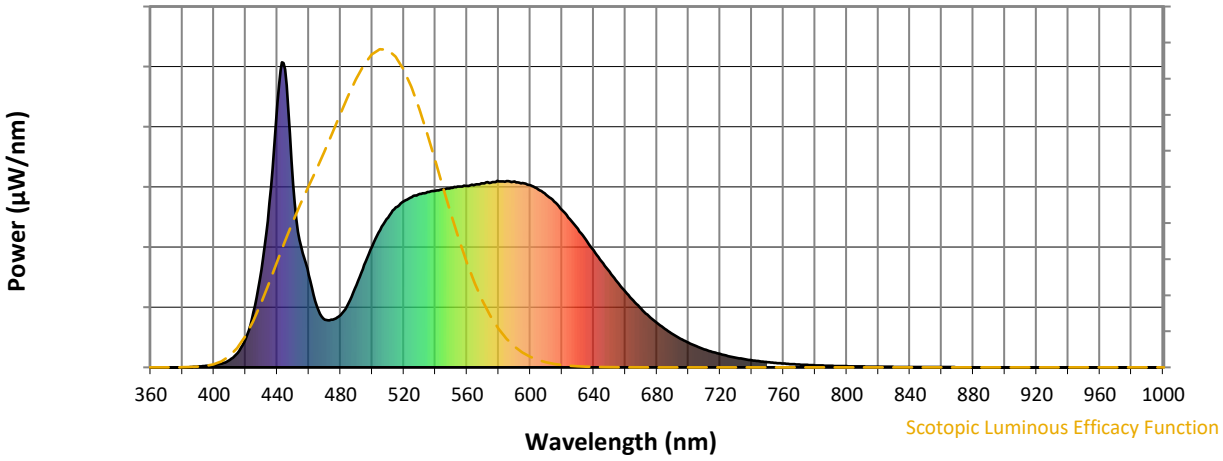


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

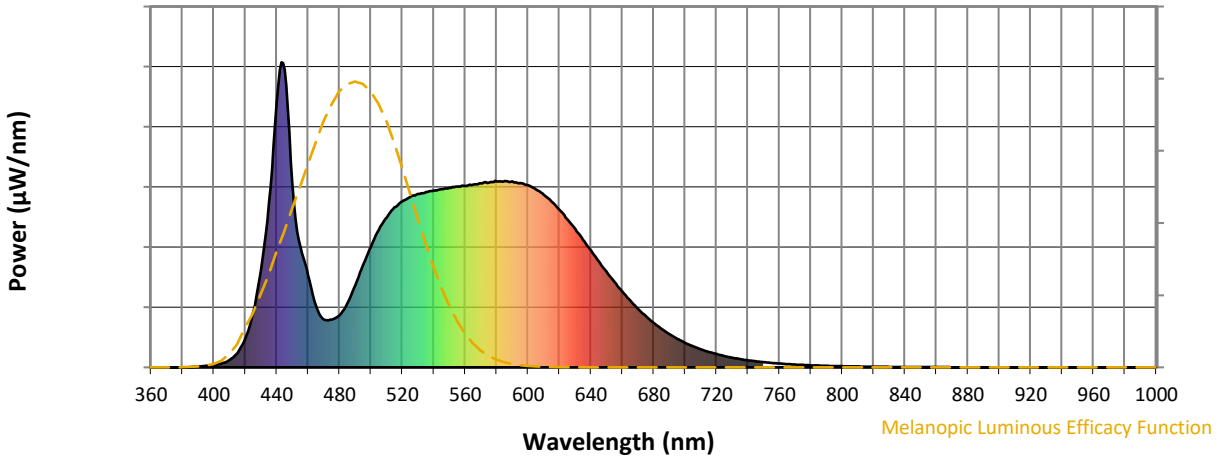


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

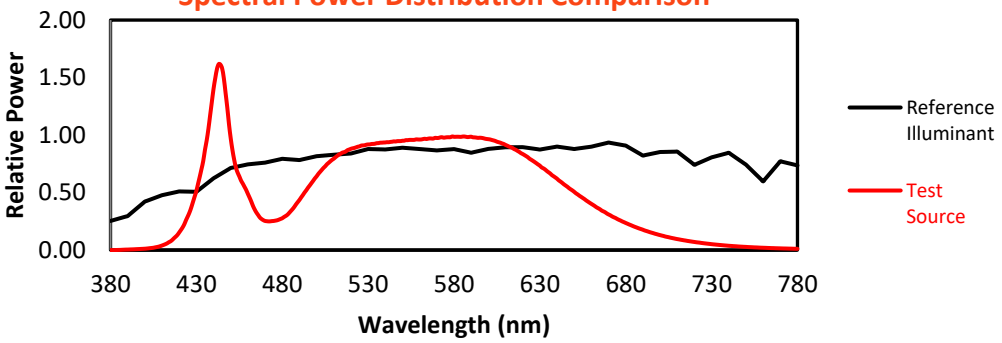
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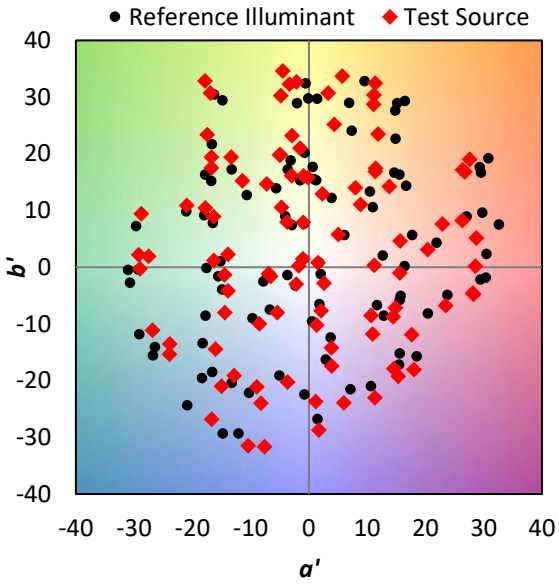
Summary

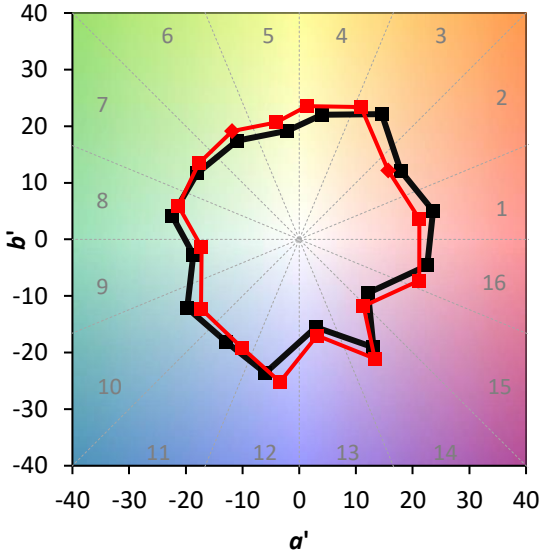
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

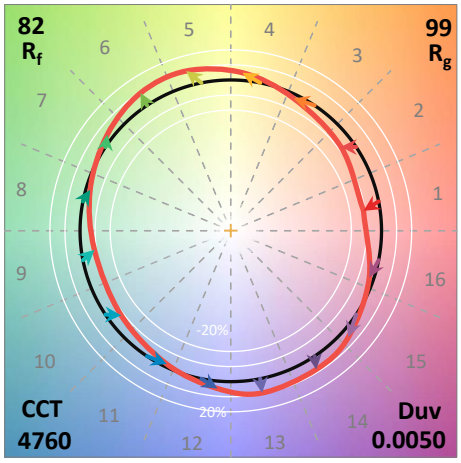
Spectral Power Distribution Comparison

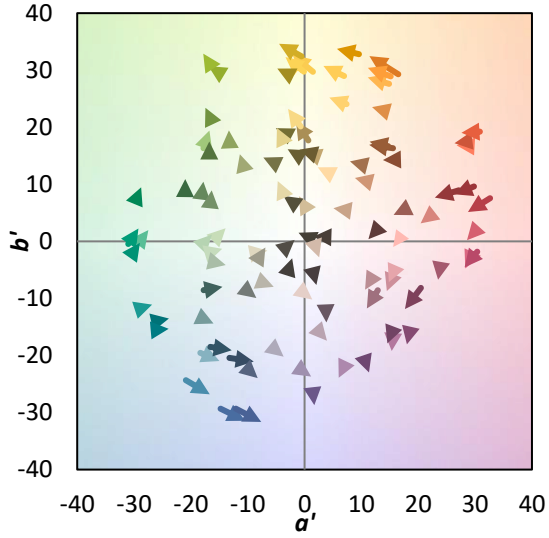


Color Vector Graphics







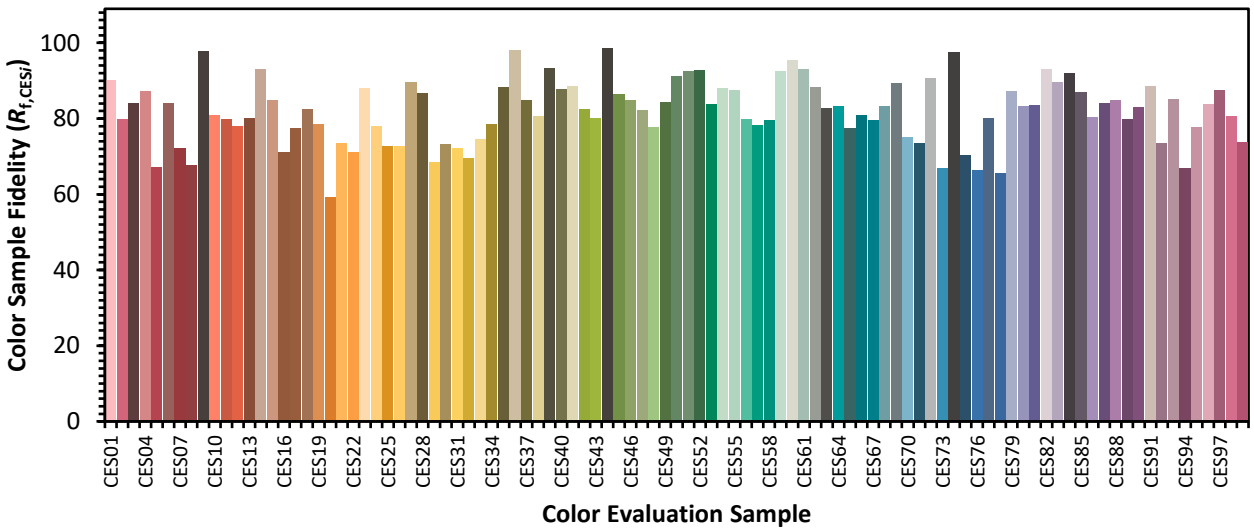


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Individual Sample Fidelity Index ($R_{f,i}$)

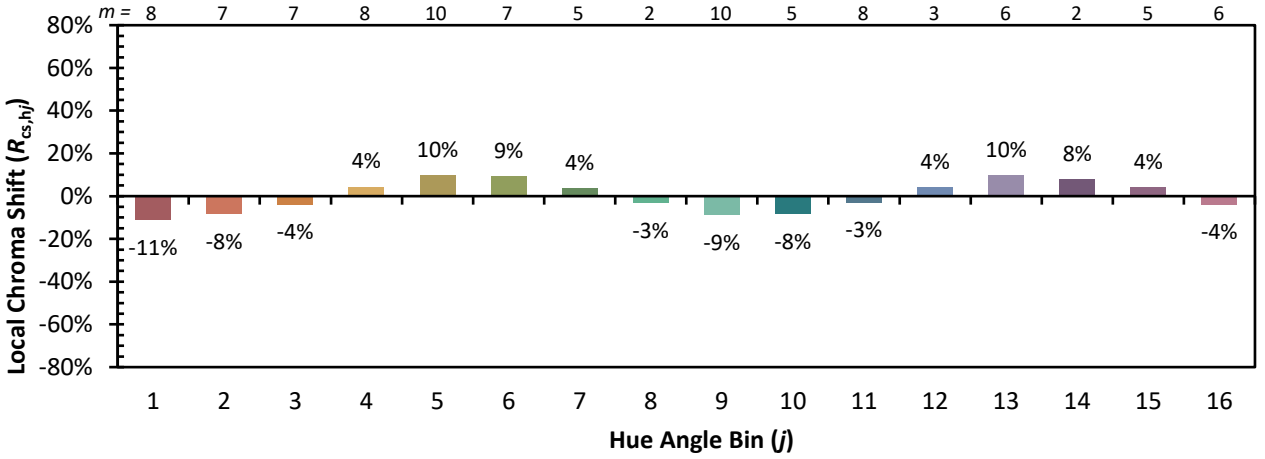
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

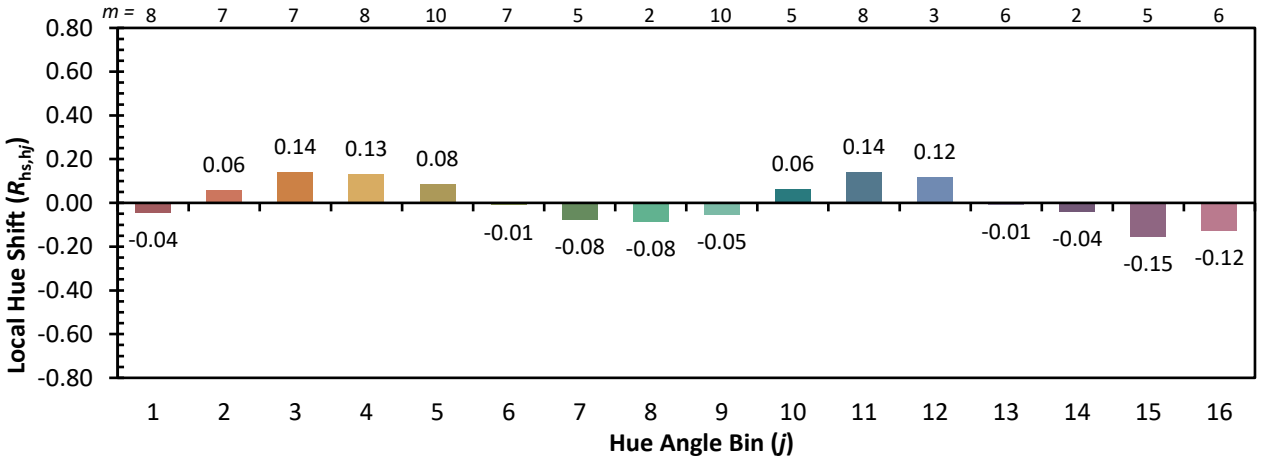


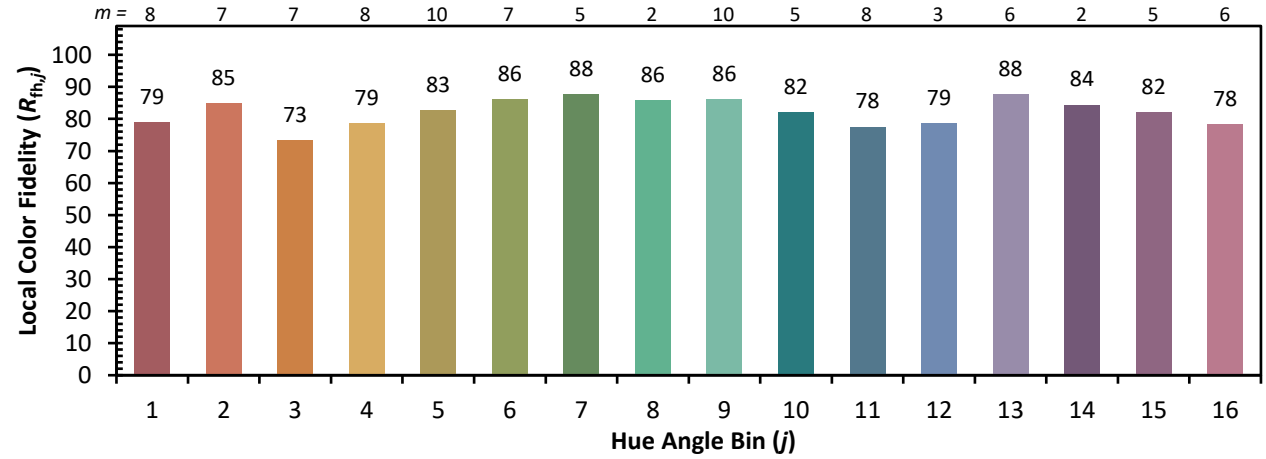
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Color Rendition by Hue-Angle Bin



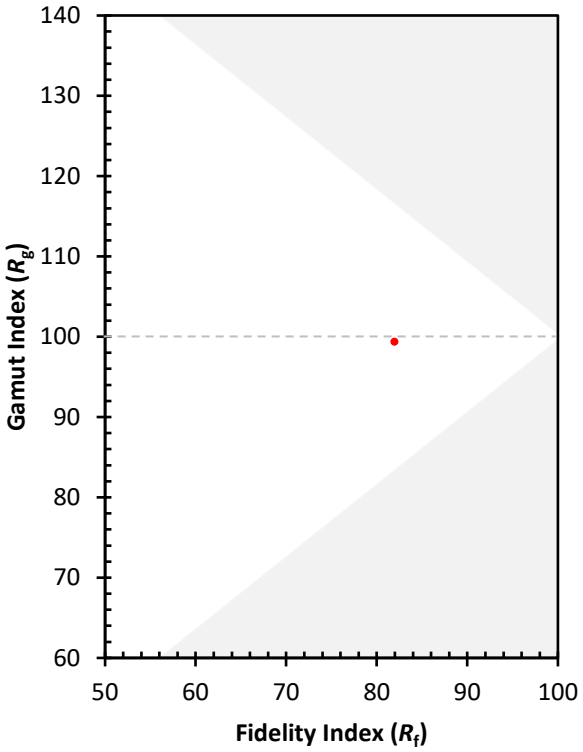


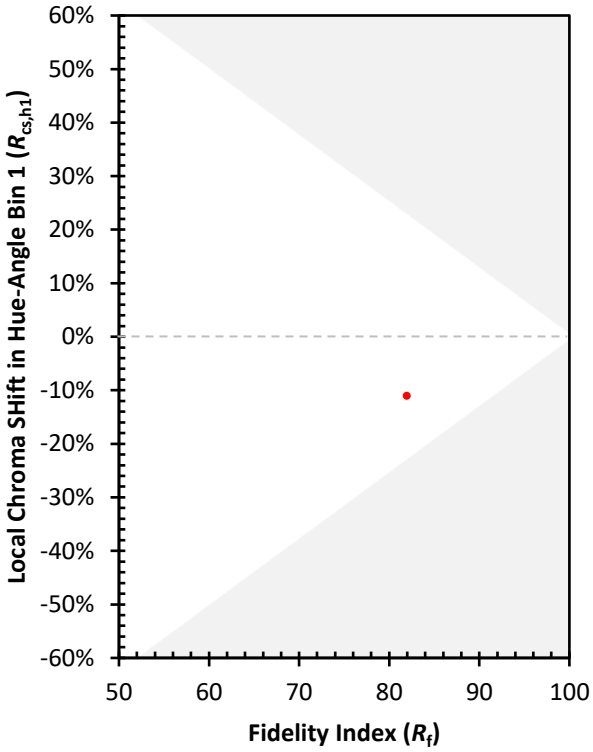


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Measure Comparisons





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