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: P1502301

Luminaire Tested: GSS-SB5A-830-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:	P1502301
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16357.3 lumens
Efficiency:	N/A
Efficacy:	114.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

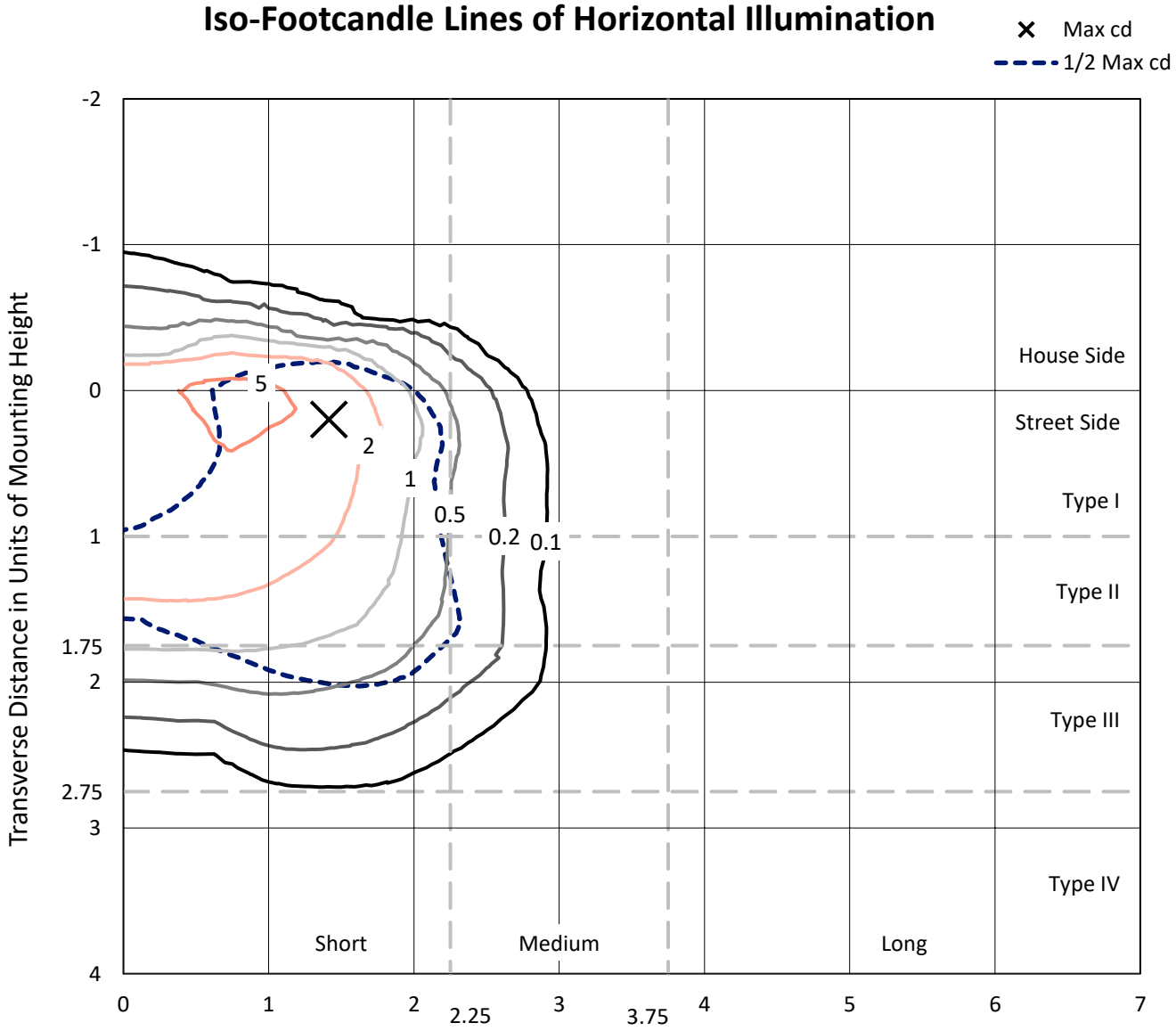
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502301
CATALOG NUMBER: GSS-SB5A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



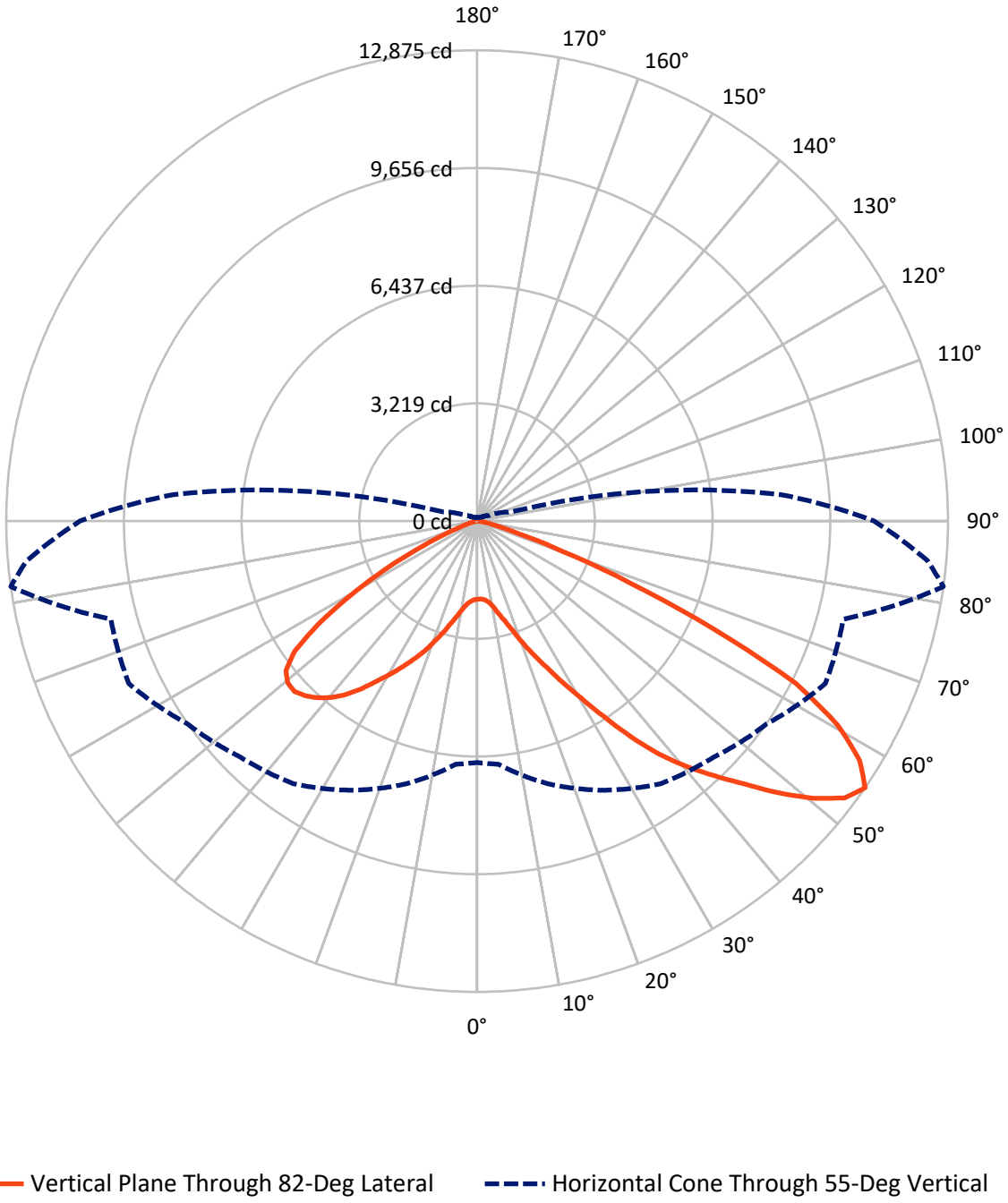
Based on 25 foot mounting height. Maximum calculated value = 6.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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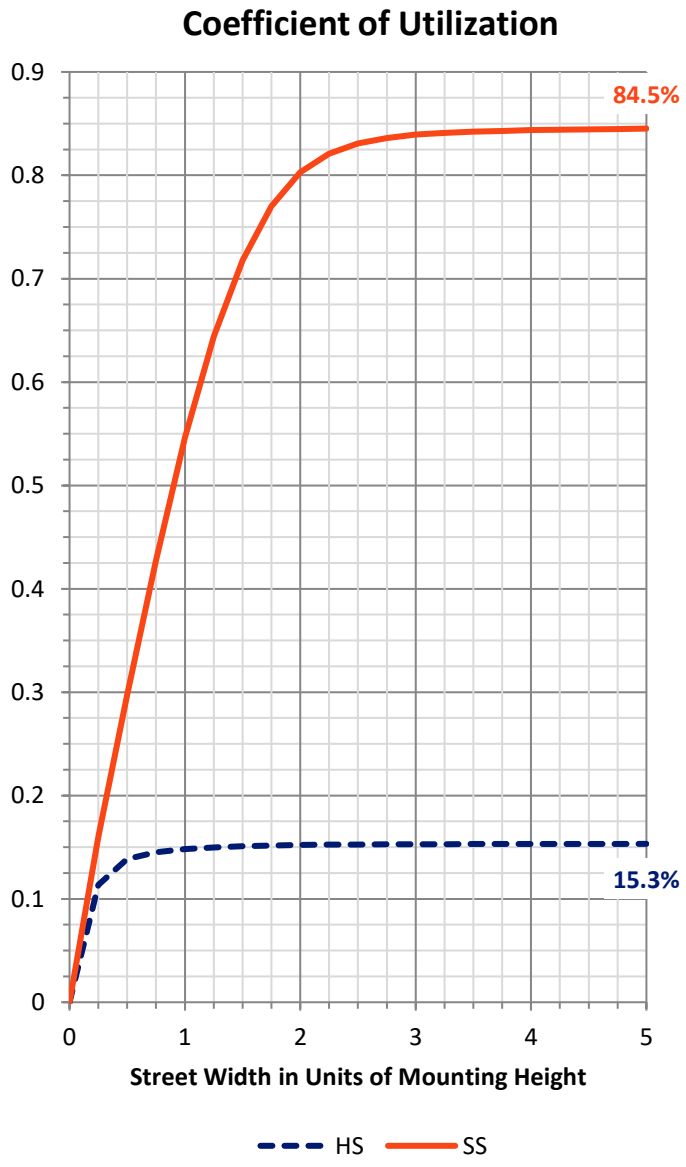
REPORT NUMBER: P1502301
CATALOG NUMBER: GSS-SB5A-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2528.3	0.0	2528.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13829.0	0.0	13829.0
	% Fixture	84.5	0.0	84.5
Total	Lumens	16357.3	0.0	16357.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.6	1.2
10°-20°	524.0	3.2
20°-30°	1047.6	6.4
30°-40°	2169.3	13.3
40°-50°	3623.8	22.2
50°-60°	4596.1	28.1
60°-70°	3435.9	21.0
70°-80°	727.8	4.4
80°-90°	39.2	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°	16357.3	100.0
0°-180°	16357.3	100.0



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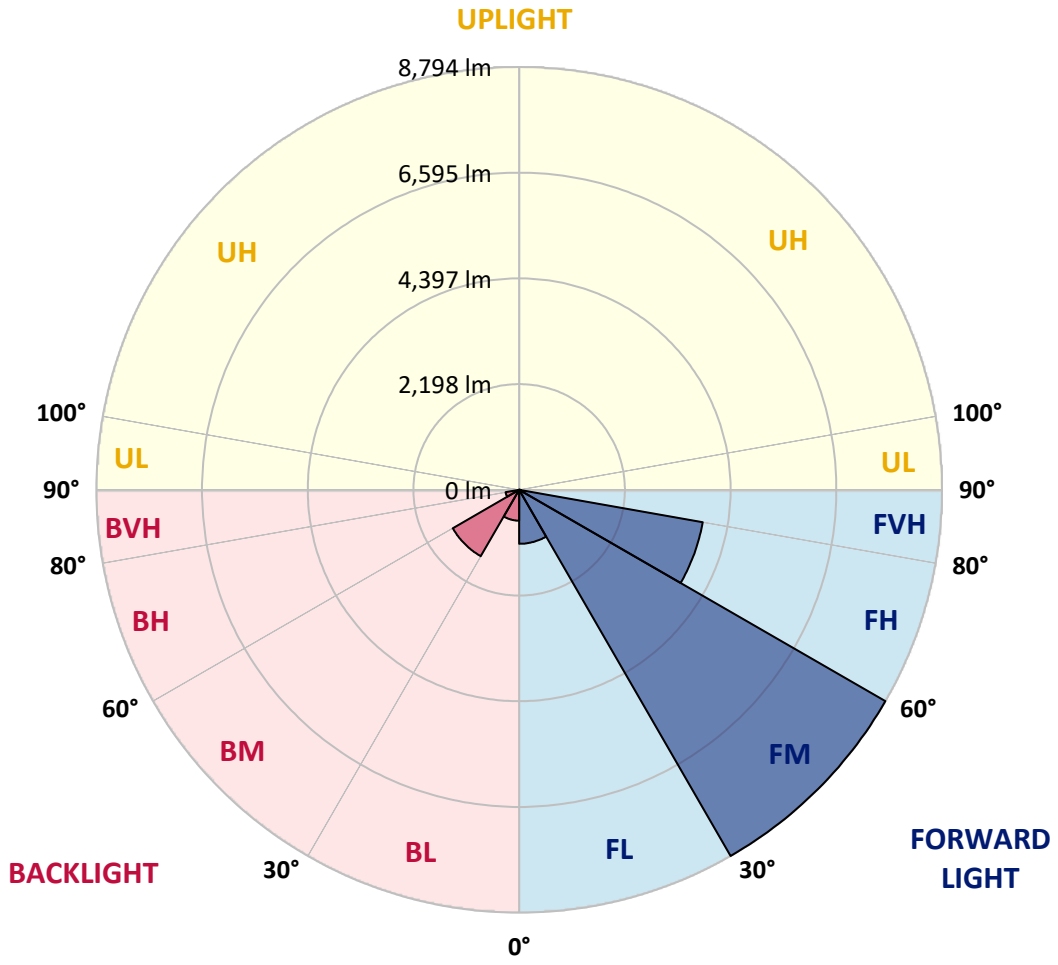
Scaled Data Report

REPORT NUMBER: P1502301
CATALOG NUMBER: GSS-SB5A-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1123.4	6.9			
FM	(30°-60°)	8793.9	53.8			
FH	(60°-80°)	3876.6	23.7			G2/5000
FVH	(80°-90°)	35.0	0.2			G1/100
BL	(0°-30°)	641.8	3.9	B2/1000		
BM	(30°-60°)	1595.3	9.8	B2/2500		
BH	(60°-80°)	287.1	1.8	B1/500		G1/500
BVH	(80°-90°)	4.1	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	*2135.4*	2135.4
2.5°	2077.7	2082.2	2073.3	2077.7	2086.6	2082.2	2099.9	2113.2	2126.6	*2131.0*	2135.4
5°	1895.7	1900.1	1904.6	1940.1	1962.3	2015.6	2064.4	2095.5	2139.9	*2162.1*	2166.5
7.5°	1678.2	1678.2	1695.9	1740.3	1798.0	1900.1	2011.1	2099.9	2184.3	*2228.7*	2237.5
10°	1638.2	1642.6	1642.6	1673.7	1722.6	1824.7	1966.7	2144.3	2295.3	*2361.9*	2384.1
12.5°	1647.1	1651.5	1656.0	1687.0	1735.9	1824.7	2006.7	2237.5	2472.8	*2583.8*	2597.2
15°	1669.3	1678.2	1691.5	1731.4	1784.7	1900.1	2091.0	2370.7	2685.9	*2828.0*	2863.5
17.5°	1735.9	1740.3	1762.5	1806.9	1891.3	2006.7	2215.3	2543.9	2983.4	*3138.8*	3205.4
20°	1838.0	1846.9	1877.9	1940.1	2037.8	2184.3	2415.1	2770.3	3303.0	*3542.8*	3596.1
22.5°	1966.7	1966.7	2011.1	2108.8	2246.4	2410.7	2690.4	3072.2	3693.7	*3973.4*	4062.2
25°	2179.8	2175.4	2210.9	2321.9	2486.2	2725.9	3010.0	3431.8	4102.2	*4435.1*	4528.4
27.5°	2668.2	2654.9	2641.5	2646.0	2788.1	3094.4	3422.9	3884.6	4608.3	*4999.0*	5070.0
30°	3236.4	3254.2	3236.4	3192.1	3214.3	3498.4	3906.8	4439.6	5176.5	*5616.1*	5709.3
32.5°	3733.7	3742.6	3818.0	3866.9	3884.6	4017.8	4466.2	5109.9	5900.2	*6379.7*	6499.5
35°	4275.3	4288.6	4373.0	4475.1	4634.9	4754.8	5167.7	5886.9	6637.2	*7240.9*	7329.7
37.5°	4905.7	4927.9	5038.9	5185.4	5407.4	5682.7	5904.6	6592.8	7387.5	*8084.5*	8177.7
40°	5460.7	5531.7	5722.6	5909.1	6144.4	6455.1	6601.6	7209.9	7942.4	*8830.3*	8985.7
42.5°	5984.5	6024.5	6330.8	6619.4	6899.1	7152.2	7294.2	7693.8	8435.2	*9522.9*	9696.0
45°	6419.6	6450.7	6792.5	7174.4	7520.6	7773.7	7795.9	8164.4	8923.5	*10255.4*	10388.6
47.5°	6686.0	6734.8	7174.4	7609.4	7991.2	8226.5	8191.0	8763.7	9456.3	*11107.8*	11125.6
50°	6845.8	6876.9	7325.3	7889.1	8359.7	8524.0	8599.5	9336.4	9940.2	*11915.8*	11809.3
52.5°	6961.3	7010.1	7449.6	8048.9	8577.3	8799.2	9070.0	9980.2	10322.0	*12577.3*	12293.2
55°	*6601.6*	*6672.7*	*7431.8*	*8120.0*	*8763.7*	*9136.6*	*9669.4*	*10508.5*	*10366.4*	*12874.8*	*12355.3*
57.5°	6197.6	6211.0	6961.3	8097.8	8972.4	9491.8	10219.9	10548.4	9953.5	*12333.1*	11724.9
60°	5602.7	5682.7	6450.7	7809.2	9007.9	9775.9	10592.8	10064.5	9198.8	*11329.8*	10415.2
62.5°	3933.5	4057.8	5061.1	7050.0	8754.8	9931.3	10530.7	9221.0	8253.2	*9780.4*	8754.8
65°	2202.0	2308.6	3129.9	5687.1	8057.8	9895.8	9891.4	8093.3	6734.8	*7067.8*	6259.8
67.5°	1207.6	1291.9	1624.9	4279.7	6393.0	9136.6	8546.2	6175.4	4515.0	*4488.4*	3906.8
70°	843.5	848.0	1025.5	2890.2	4595.0	6375.2	6681.6	4142.1	2801.4	*2477.3*	2091.0
72.5°	412.9	417.3	510.6	1362.9	2810.3	3533.9	4581.6	2153.2	1571.6	*1229.8*	1047.7
75°	208.7	204.2	279.7	510.6	1163.2	1722.6	2020.0	1078.8	914.6	*674.8*	599.3
77.5°	133.2	137.6	164.3	279.7	523.9	670.4	621.5	586.0	537.2	*395.1*	341.8
80°	88.8	88.8	111.0	177.6	257.5	319.6	190.9	270.8	315.2	*230.9*	199.8
82.5°	26.6	26.6	66.6	97.7	124.3	128.7	84.4	124.3	177.6	*128.7*	97.7
85°	17.8	17.8	35.5	48.8	53.3	44.4	26.6	53.3	84.4	*57.7*	48.8
87.5°	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	*4.4*	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: P1502301
CATALOG NUMBER: GSS-SB5A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4	2135.4
2.5°	2139.9	2144.3	2157.6	2162.1	2171.0	2175.4	2175.4	2175.4	2171.0	2175.4	2184.3
5°	2175.4	2197.6	2215.3	2210.9	2210.9	2188.7	2171.0	2135.4	2117.7	2113.2	2117.7
7.5°	2264.2	2281.9	2299.7	2273.1	2206.5	2104.4	1993.4	1904.6	1829.1	1793.6	1806.9
10°	2424.0	2446.2	2446.2	2321.9	2135.4	1895.7	1695.9	1531.7	1407.3	1340.8	1371.8
12.5°	2654.9	2672.6	2628.2	2366.3	2011.1	1616.0	1283.0	1007.8	848.0	768.0	750.3
15°	2921.2	2947.9	2796.9	2357.4	1815.8	1207.6	799.1	599.3	541.6	523.9	528.3
17.5°	3263.1	3276.4	2983.4	2286.4	1478.4	790.2	568.3	510.6	497.2	488.4	488.4
20°	3684.8	3644.9	3134.3	2166.5	1078.8	621.5	523.9	479.5	466.2	461.7	466.2
22.5°	4137.7	4075.5	3258.6	1940.1	816.9	586.0	501.7	452.8	435.1	430.6	430.6
25°	4612.7	4470.7	3356.3	1607.1	763.6	577.1	475.0	412.9	395.1	386.2	386.2
27.5°	5154.3	4910.2	3409.6	1345.2	776.9	563.8	444.0	377.4	350.7	341.8	341.8
30°	5753.7	5398.5	3414.0	1291.9	803.6	546.1	412.9	337.4	310.8	297.5	301.9
32.5°	6481.8	5895.8	3400.7	1376.3	821.3	532.7	377.4	297.5	275.3	261.9	261.9
35°	7236.5	6499.5	3347.4	1536.1	830.2	492.8	333.0	261.9	235.3	230.9	235.3
37.5°	7986.8	7072.2	3272.0	1624.9	785.8	404.0	270.8	226.4	208.7	208.7	208.7
40°	8670.5	7569.5	3169.9	1549.4	626.0	293.0	222.0	195.3	186.5	182.0	186.5
42.5°	9181.0	8013.4	2983.4	1305.2	444.0	235.3	195.3	173.1	164.3	164.3	168.7
45°	9740.4	8439.6	2623.8	958.9	337.4	204.2	168.7	150.9	146.5	146.5	150.9
47.5°	10304.3	8781.5	2277.5	639.3	293.0	182.0	150.9	137.6	133.2	128.7	133.2
50°	10734.9	8945.7	1824.7	466.2	266.4	164.3	137.6	128.7	119.9	115.4	115.4
52.5°	11041.2	8901.3	1336.3	399.6	244.2	150.9	128.7	119.9	106.5	106.5	106.5
55°	*10854.8*	*8333.1*	*963.4*	*359.6*	*226.4*	*142.1*	*124.3*	*111.0*	*102.1*	*97.7*	*97.7*
57.5°	9949.1	7103.3	697.0	324.1	199.8	133.2	119.9	106.5	93.2	88.8	88.8
60°	8648.3	5531.7	519.4	284.1	173.1	128.7	106.5	102.1	88.8	79.9	79.9
62.5°	7067.8	4026.7	404.0	244.2	155.4	111.0	102.1	93.2	79.9	71.0	66.6
65°	4905.7	2570.5	310.8	199.8	146.5	97.7	93.2	79.9	66.6	53.3	53.3
67.5°	3027.8	1527.2	239.7	155.4	115.4	84.4	79.9	71.0	57.7	44.4	44.4
70°	1673.7	808.0	164.3	115.4	88.8	66.6	62.2	62.2	48.8	40.0	35.5
72.5°	803.6	439.5	111.0	97.7	66.6	44.4	48.8	48.8	40.0	31.1	31.1
75°	483.9	261.9	75.5	75.5	44.4	35.5	35.5	40.0	31.1	22.2	22.2
77.5°	275.3	155.4	44.4	57.7	31.1	22.2	26.6	22.2	17.8	13.3	13.3
80°	155.4	88.8	26.6	40.0	17.8	13.3	13.3	8.9	8.9	4.4	4.4
82.5°	75.5	48.8	13.3	13.3	8.9	4.4	4.4	4.4	4.4	0.0	0.0
85°	35.5	8.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4	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: SP1-2407-184-9

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

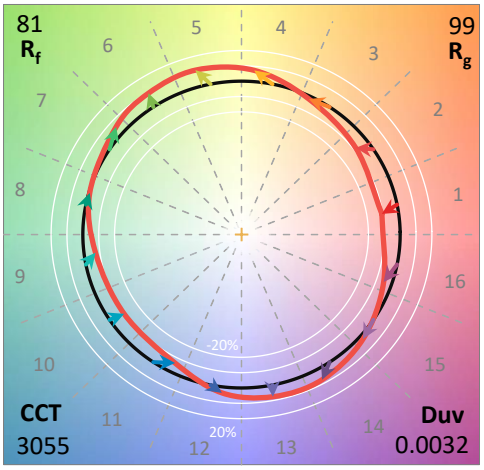
Test Information

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

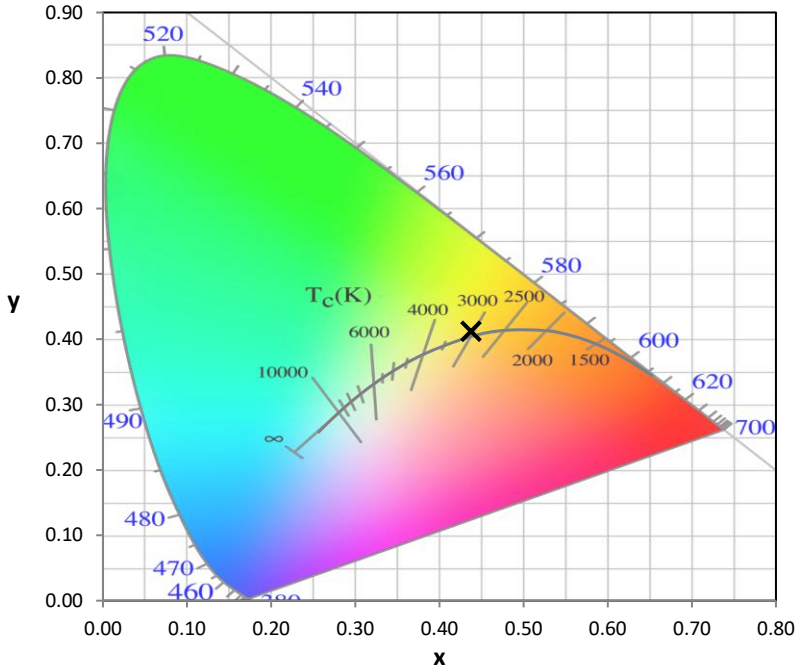
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

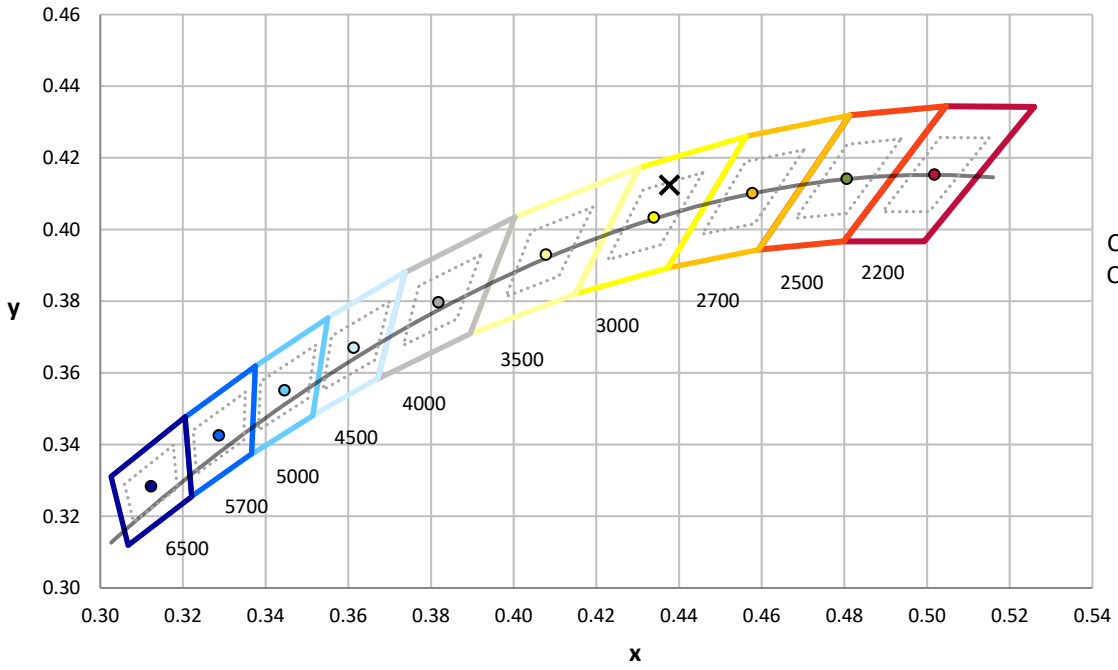
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

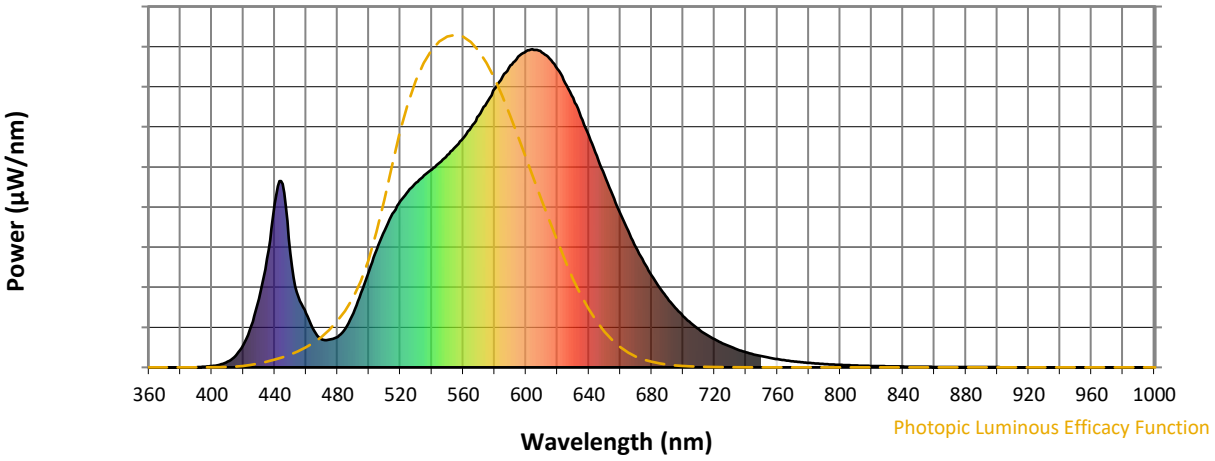


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

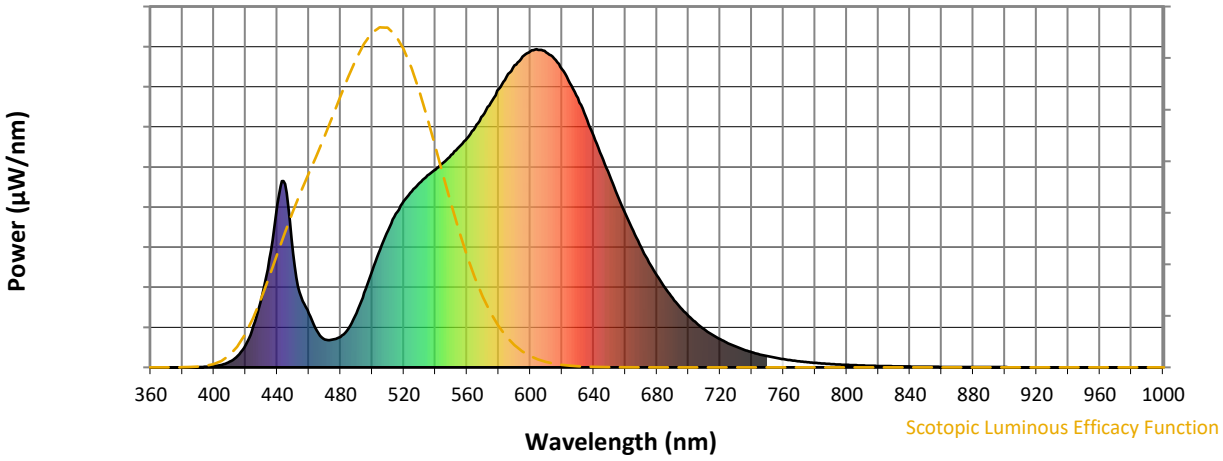


Photopic Lumens: NR

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

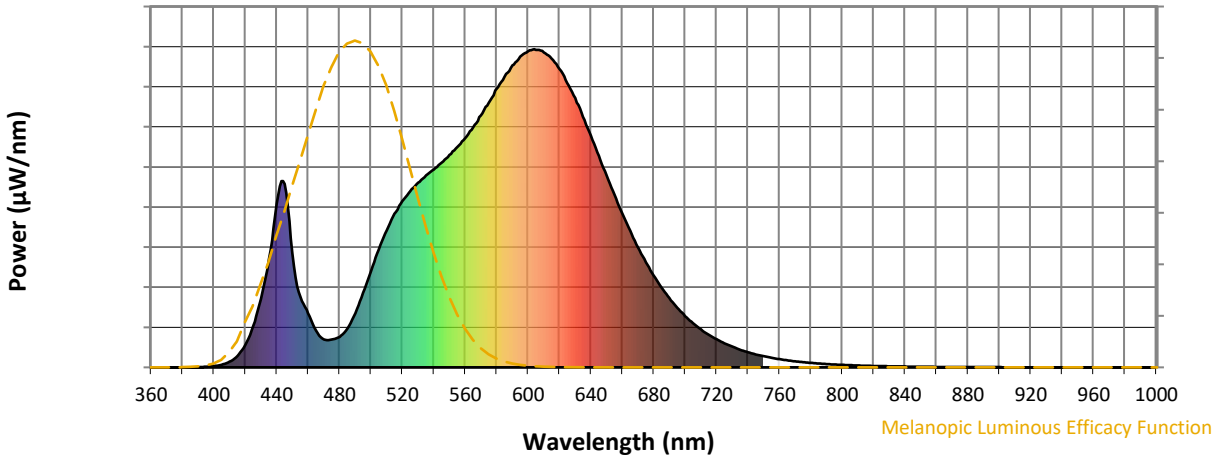


Scotopic Lumens: NR **S/P: 1.28**

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			

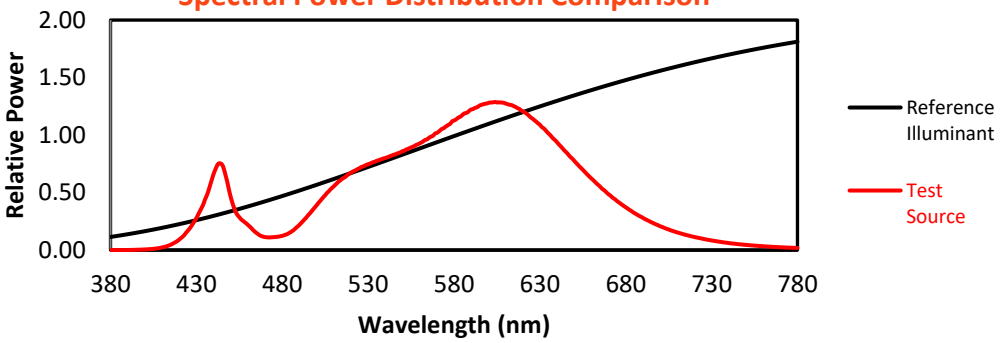
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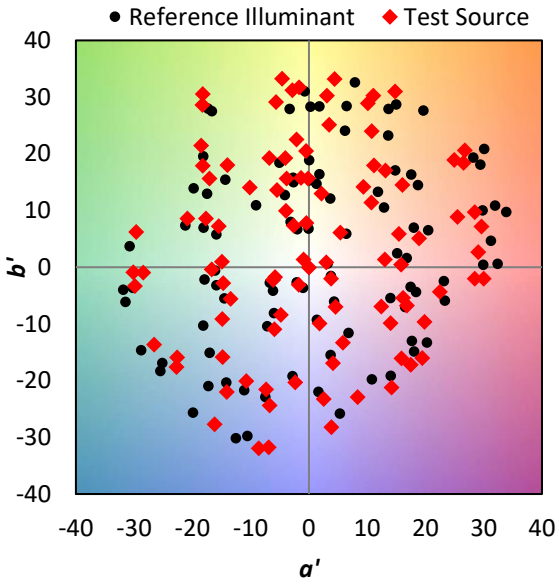
Summary

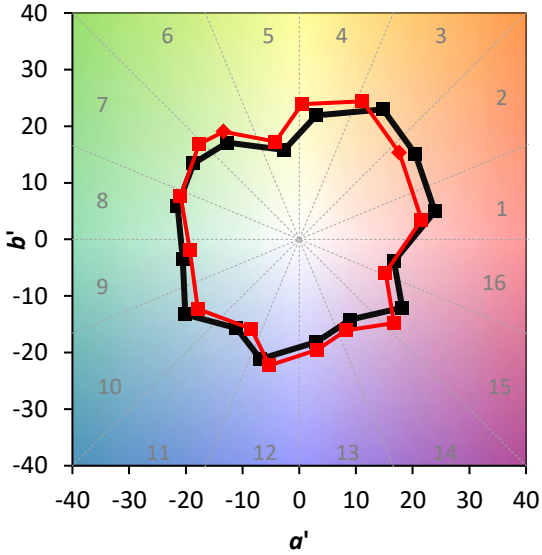
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

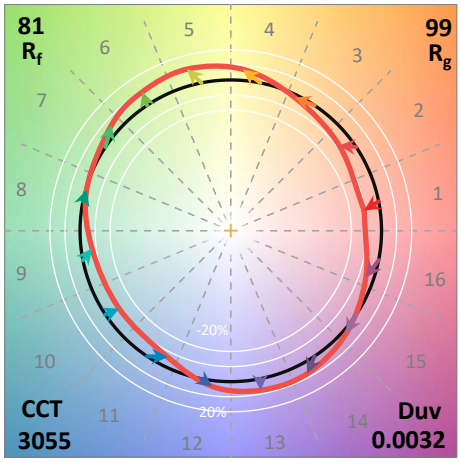
Spectral Power Distribution Comparison

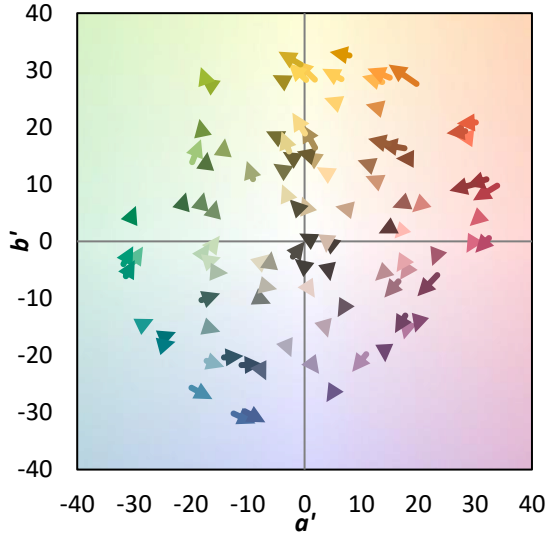


Color Vector Graphics







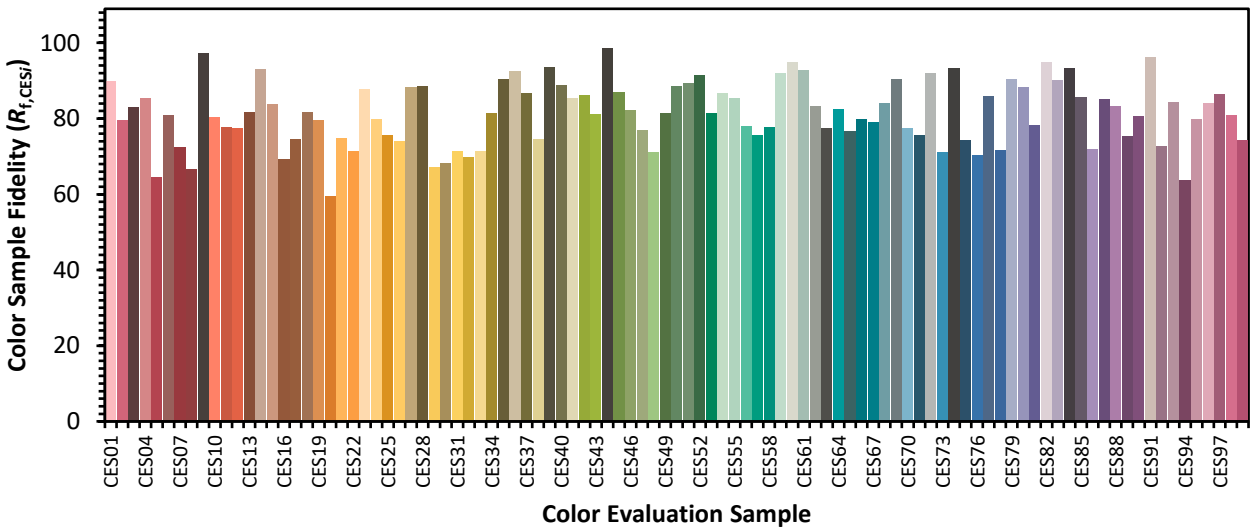


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Individual Sample Fidelity Index ($R_{f,i}$)

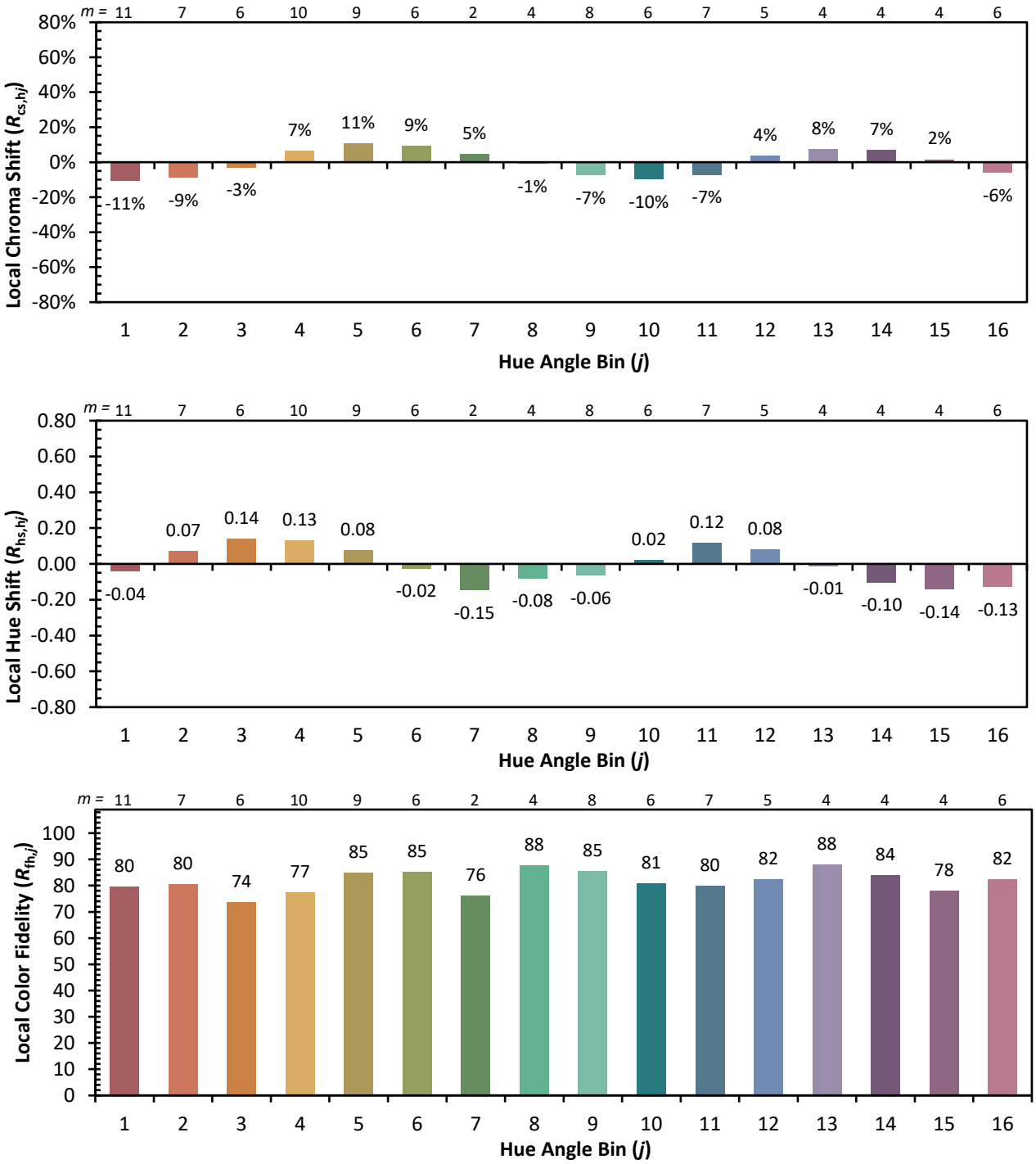
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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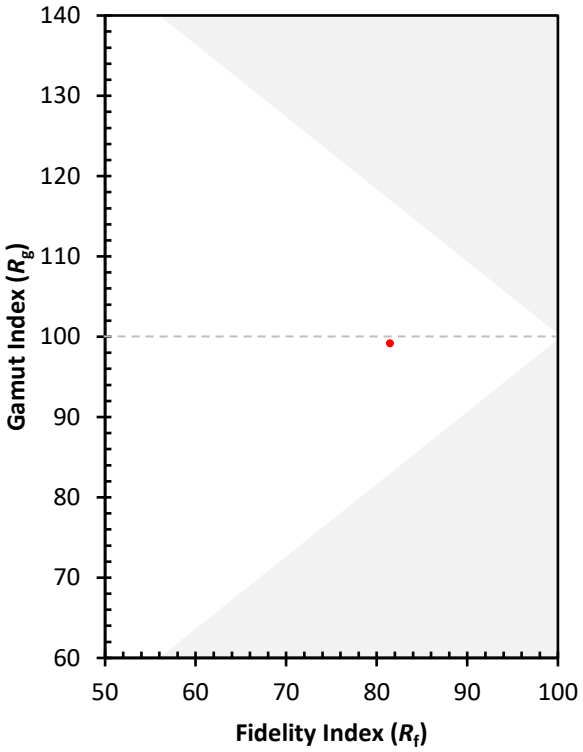
Color Rendition by Hue-Angle Bin

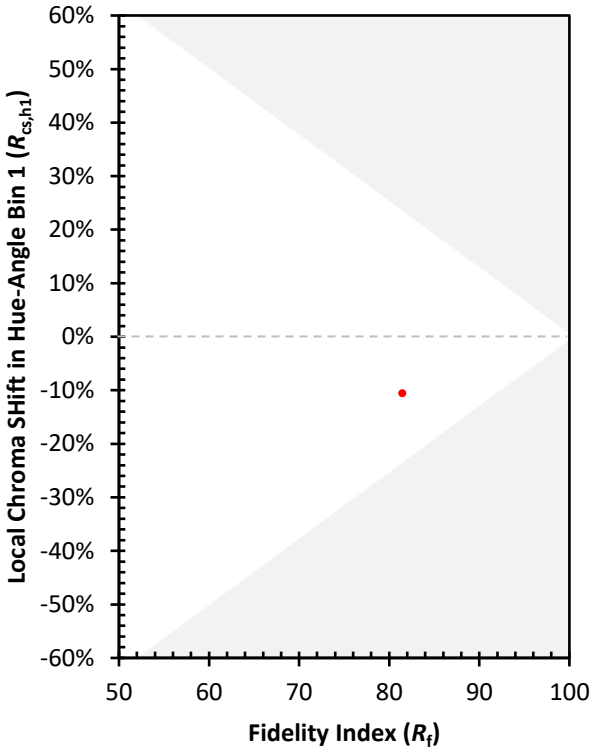


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Measure Comparisons





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