Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1502677

Luminaire Tested: GSS-SB3A-830-U-T4LG-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:	P1502677
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9071.2 lumens
Efficiency:	N/A
Efficacy:	106.7 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

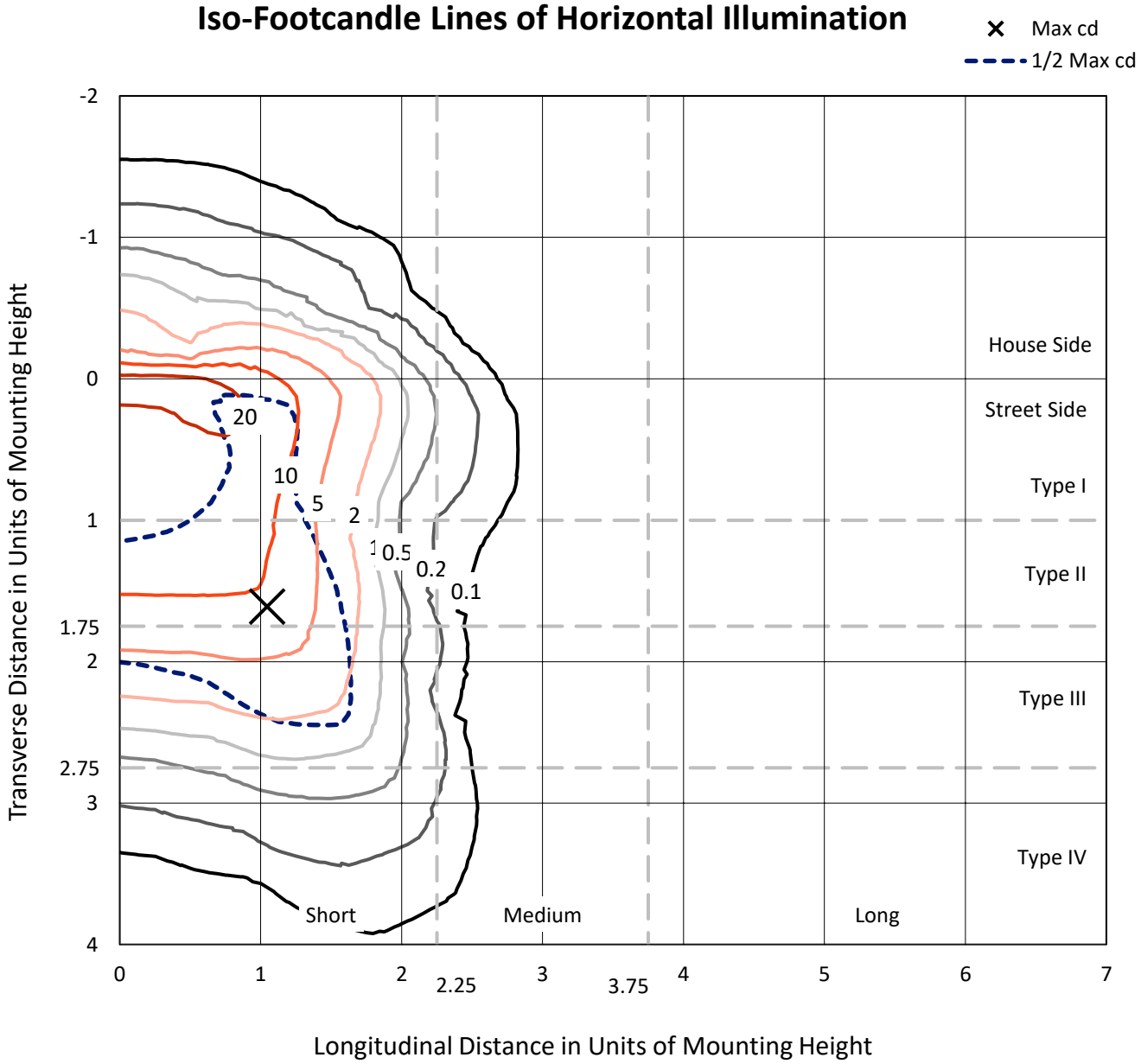
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502677
CATALOG NUMBER: GSS-SB3A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



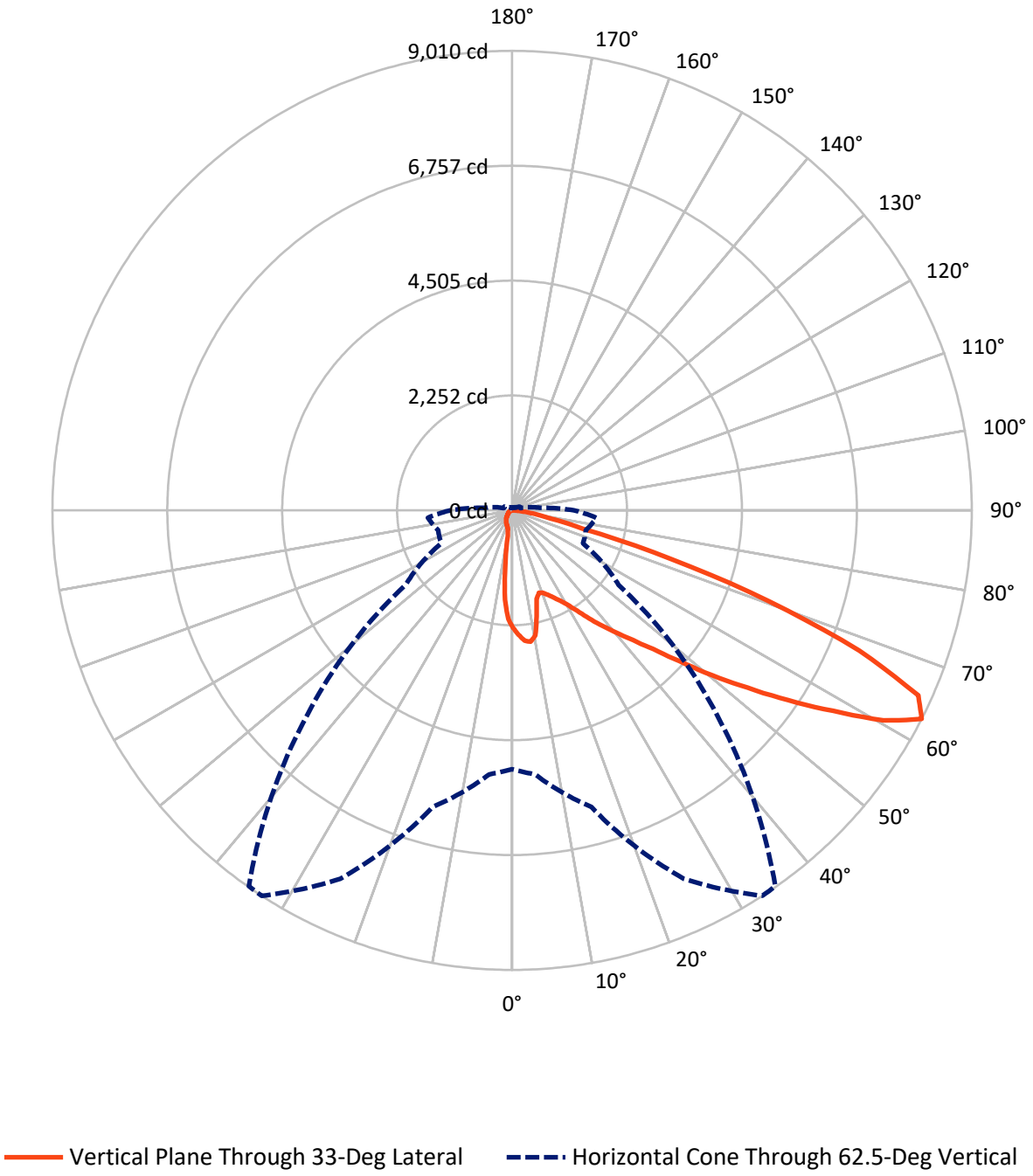
Based on 10 foot mounting height. Maximum calculated value = 27.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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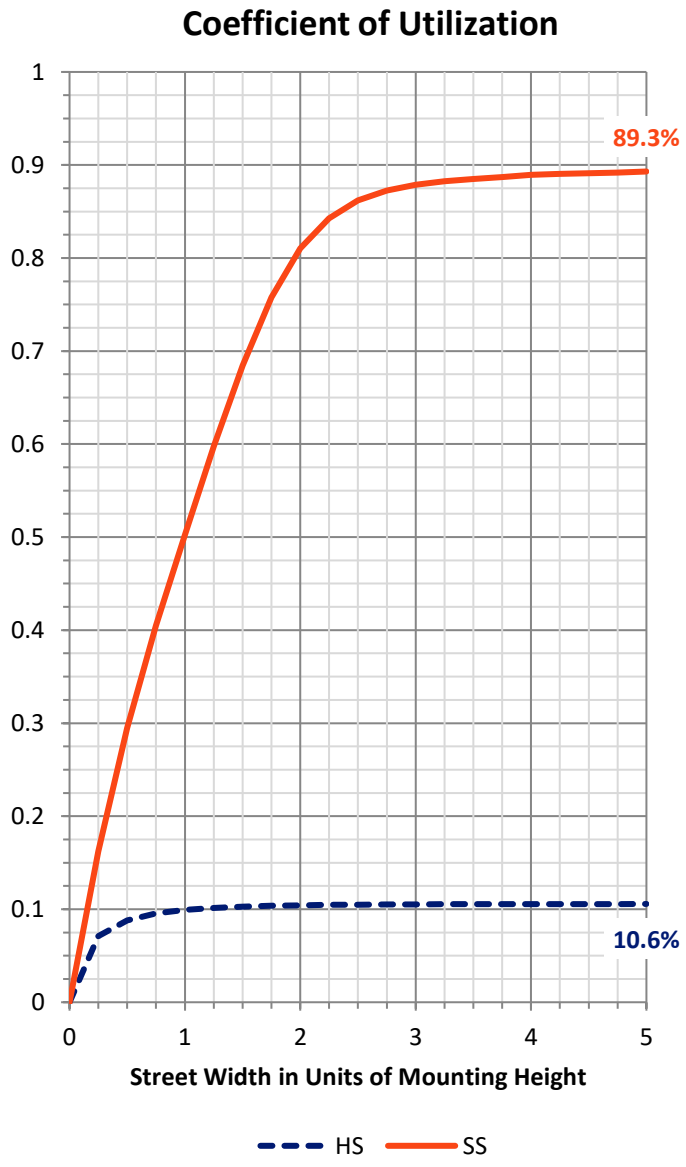
REPORT NUMBER: P1502677
CATALOG NUMBER: GSS-SB3A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	965.2	0.0	965.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	8105.9	0.0	8105.9
	% Fixture	89.4	0.0	89.4
Total	Lumens	9071.2	0.0	9071.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.9	2.2
10°-20°	437.1	4.8
20°-30°	704.6	7.8
30°-40°	1172.1	12.9
40°-50°	1852.5	20.4
50°-60°	2488.8	27.4
60°-70°	1827.1	20.1
70°-80°	361.6	4.0
80°-90°	31.4	0.3
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°	9071.2	100.0
0°-180°	9071.2	100.0



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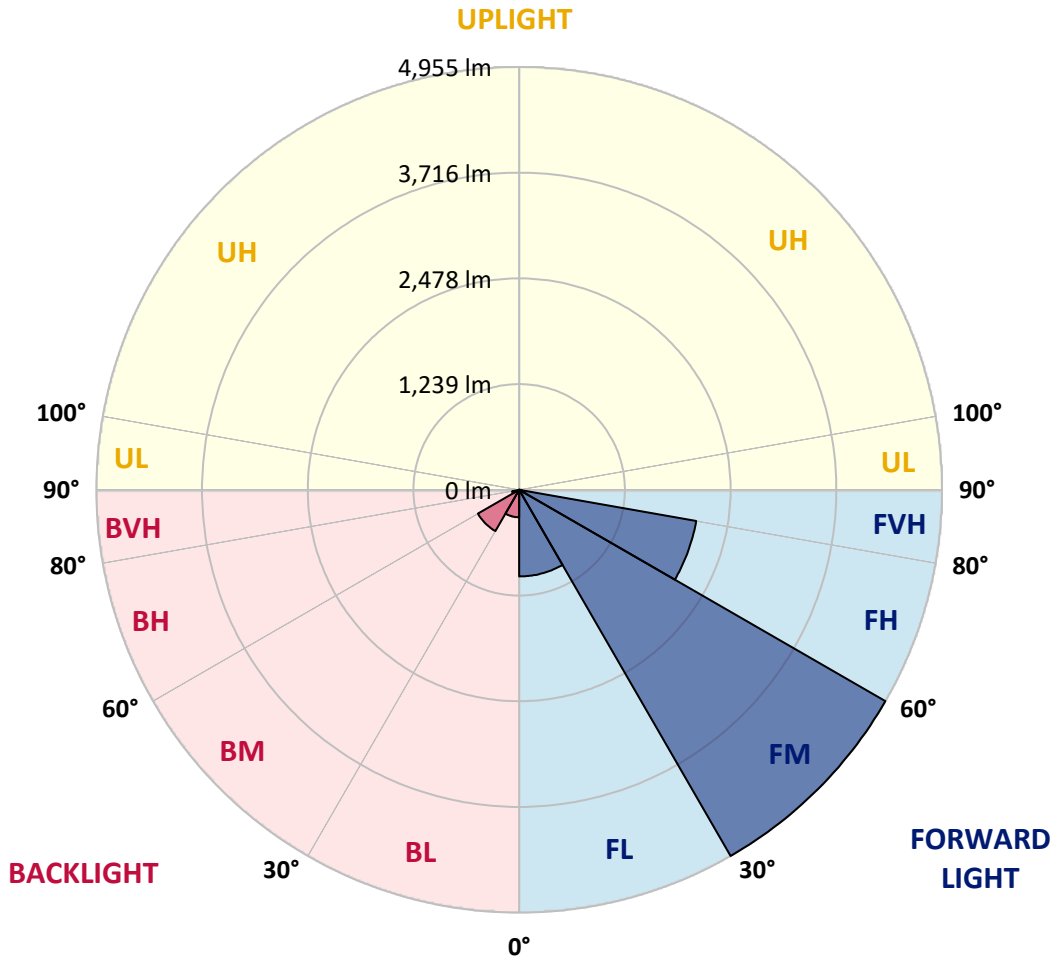
Scaled Data Report

REPORT NUMBER: P1502677
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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°)	1015.6	11.2			
FM	(30°-60°)	4955.1	54.6			
FH	(60°-80°)	2106.2	23.2			G2/5000
FVH	(80°-90°)	29.1	0.3			G1/100
BL	(0°-30°)	322.0	3.6	B1/500		
BM	(30°-60°)	558.4	6.2	B1/1000		
BH	(60°-80°)	82.5	0.9	B0/110		G0/110
BVH	(80°-90°)	2.4	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°	33°	35°	45°	55°	65°	75°	85°
0°	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2
2.5°	2454.9	2465.1	2465.1	2444.7	2439.6	2429.3	2419.1	2416.6	2383.4	2357.8	2332.3
5°	2580.1	2577.5	2575.0	2564.7	2567.3	2554.5	2546.9	2534.1	2477.9	2439.6	2370.6
7.5°	2526.4	2549.4	2559.6	2587.7	2600.5	2597.9	2618.4	2623.5	2575.0	2521.3	2416.6
10°	2176.4	2163.7	2255.6	2375.7	2495.8	2523.9	2633.7	2692.5	2674.6	2626.0	2490.7
12.5°	1724.3	1737.1	1800.9	1941.4	2138.1	2199.4	2516.2	2748.7	2799.8	2769.1	2592.8
15°	1578.7	1578.7	1611.9	1678.3	1795.8	1854.6	2245.4	2741.0	2932.6	2935.1	2720.6
17.5°	1548.0	1553.1	1581.2	1624.7	1701.3	1726.9	2000.2	2628.6	3062.9	3108.8	2863.6
20°	1553.1	1560.8	1591.5	1652.8	1726.9	1757.5	1936.3	2485.5	3172.7	3297.9	3014.3
22.5°	1571.0	1568.5	1622.1	1703.9	1798.4	1826.5	1990.0	2426.8	3264.7	3515.0	3190.6
25°	1591.5	1594.0	1663.0	1777.9	1892.9	1926.1	2110.0	2480.4	3331.1	3747.5	3369.4
27.5°	1652.8	1660.4	1744.7	1869.9	2005.3	2048.7	2265.9	2620.9	3446.0	3972.3	3563.6
30°	1747.3	1755.0	1852.0	2002.7	2148.3	2214.8	2460.0	2797.2	3617.2	4232.8	3762.8
32.5°	1857.1	1867.4	1992.5	2166.2	2342.5	2406.4	2682.2	3065.4	3844.6	4498.5	3969.7
35°	1995.1	2023.2	2158.6	2365.5	2603.1	2664.4	2955.6	3369.4	4140.9	4736.1	4146.0
37.5°	2184.1	2207.1	2373.1	2631.2	2871.3	2953.0	3262.1	3688.7	4409.1	4948.1	4289.0
40°	2414.0	2434.5	2620.9	2901.9	3152.3	3221.2	3584.0	4010.6	4697.8	5065.6	4319.7
42.5°	2797.2	2853.4	2970.9	3208.5	3476.7	3563.6	3941.6	4322.2	4907.2	5088.6	4271.2
45°	3466.5	3484.4	3509.9	3622.3	3880.3	3956.9	4319.7	4593.0	5032.4	5093.7	4227.7
47.5°	4107.7	4169.0	4204.7	4255.8	4411.7	4439.8	4715.6	4835.7	5132.0	5075.8	4227.7
50°	4748.8	4794.8	4856.1	4917.4	5083.5	5093.7	5134.6	4999.2	5137.1	4930.2	4202.2
52.5°	5331.3	5346.6	5451.3	5568.8	5775.8	5832.0	5522.9	5119.3	4828.0	4470.4	4082.1
55°	5852.4	5872.8	6031.2	6271.3	6567.7	6641.7	5998.0	4886.8	4166.4	3875.2	3803.7
57.5°	6189.6	6238.1	6554.9	7083.7	7418.3	7385.1	6365.9	4342.7	3346.4	3170.2	3310.7
60°	6021.0	6087.4	6754.1	7765.7	8360.9	8263.9	6263.7	3573.8	2472.8	2345.0	2620.9
62.5°	5073.3	5195.9	6021.0	7967.5	9009.8	8994.5	5686.4	2549.4	1532.7	1499.5	1655.3
65°	3527.8	3739.8	4718.2	7293.1	8749.2	8772.2	4787.2	1484.2	710.2	881.3	968.2
67.5°	2079.4	2230.1	3039.9	5954.6	7341.7	7129.7	3254.5	687.2	355.1	536.4	513.5
70°	914.5	1016.7	1742.2	4125.5	5349.2	5006.9	1588.9	334.6	270.8	324.4	283.6
72.5°	503.2	549.2	917.1	2179.0	3254.5	3093.5	536.4	222.2	232.5	242.7	204.4
75°	281.0	301.4	482.8	1259.4	1430.5	1330.9	260.6	145.6	196.7	196.7	150.7
77.5°	163.5	181.4	301.4	784.2	784.2	633.5	158.4	92.0	148.2	132.8	81.7
80°	76.6	86.9	166.0	434.3	495.6	408.7	89.4	63.9	97.1	84.3	53.6
82.5°	23.0	28.1	81.7	168.6	281.0	240.1	46.0	40.9	71.5	53.6	30.7
85°	15.3	17.9	40.9	69.0	137.9	120.1	15.3	12.8	30.7	25.5	12.8
87.5°	2.6	2.6	5.1	5.1	5.1	5.1	2.6	2.6	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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Scaled Data Report

REPORT NUMBER: P1502677
CATALOG NUMBER: GSS-SB3A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2	2304.2
2.5°	2316.9	2299.1	2258.2	2219.9	2199.4	2153.5	2135.6	2115.1	2104.9	2102.4	2087.0
5°	2327.2	2294.0	2191.8	2089.6	1982.3	1880.1	1775.4	1683.4	1609.3	1611.9	1614.5
7.5°	2357.8	2291.4	2112.6	1908.2	1678.3	1412.6	1129.1	917.1	781.7	753.6	728.0
10°	2398.7	2301.6	2015.5	1637.4	1185.3	745.9	526.2	449.6	416.4	408.7	411.3
12.5°	2475.3	2327.2	1892.9	1264.5	656.5	429.2	380.6	367.9	362.7	362.7	362.7
15°	2569.8	2362.9	1701.3	827.7	429.2	357.6	347.4	344.9	339.8	339.8	342.3
17.5°	2649.0	2362.9	1448.4	539.0	352.5	332.1	324.4	321.9	321.9	324.4	321.9
20°	2735.9	2345.0	1164.9	406.2	327.0	309.1	304.0	304.0	304.0	306.5	306.5
22.5°	2825.3	2314.4	901.7	347.4	304.0	288.7	286.1	288.7	291.2	293.8	293.8
25°	2924.9	2276.1	712.7	321.9	283.6	270.8	270.8	270.8	273.3	278.4	281.0
27.5°	3034.8	2242.9	610.5	306.5	265.7	252.9	252.9	255.5	260.6	263.1	265.7
30°	3136.9	2242.9	577.3	314.2	258.0	242.7	237.6	240.1	245.2	250.3	250.3
32.5°	3264.7	2268.4	595.2	347.4	255.5	227.4	222.2	222.2	227.4	229.9	229.9
35°	3372.0	2316.9	656.5	393.4	265.7	214.6	204.4	201.8	206.9	204.4	206.9
37.5°	3458.8	2383.4	768.9	454.7	286.1	199.3	186.5	178.8	178.8	178.8	178.8
40°	3484.4	2449.8	912.0	495.6	283.6	181.4	163.5	155.8	153.3	150.7	150.7
42.5°	3448.6	2480.4	1026.9	493.0	252.9	168.6	145.6	135.4	127.7	125.2	125.2
45°	3420.5	2495.8	1067.8	429.2	229.9	153.3	130.3	117.5	109.8	107.3	104.7
47.5°	3423.1	2511.1	1006.5	350.0	209.5	140.5	117.5	104.7	97.1	94.5	92.0
50°	3433.3	2485.5	853.2	291.2	191.6	127.7	104.7	94.5	86.9	84.3	81.7
52.5°	3326.0	2350.2	600.3	255.5	176.3	120.1	94.5	86.9	79.2	76.6	76.6
55°	3045.0	2025.7	406.2	227.4	163.5	109.8	86.9	81.7	74.1	69.0	69.0
57.5°	2595.4	1527.6	281.0	206.9	143.1	99.6	81.7	74.1	66.4	61.3	61.3
60°	1984.9	996.3	204.4	189.0	117.5	92.0	76.6	71.5	61.3	56.2	53.6
62.5°	*1208.3*	*559.4*	*166.0*	*166.0*	*99.6*	*86.9*	*69.0*	*63.9*	*53.6*	*46.0*	*43.4*
65°	699.9	329.5	135.4	140.5	86.9	79.2	61.3	53.6	43.4	35.8	33.2
67.5°	337.2	191.6	107.3	99.6	76.6	66.4	53.6	46.0	38.3	30.7	28.1
70°	206.9	148.2	81.7	71.5	61.3	51.1	43.4	40.9	33.2	25.5	25.5
72.5°	168.6	120.1	63.9	51.1	46.0	35.8	35.8	33.2	25.5	20.4	17.9
75°	132.8	89.4	48.5	35.8	28.1	28.1	25.5	23.0	20.4	15.3	15.3
77.5°	71.5	61.3	35.8	20.4	15.3	17.9	17.9	15.3	12.8	10.2	10.2
80°	46.0	35.8	20.4	10.2	10.2	10.2	10.2	7.7	7.7	5.1	5.1
82.5°	23.0	17.9	10.2	2.6	5.1	5.1	5.1	5.1	5.1	2.6	2.6
85°	5.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
87.5°	0.0	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6
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

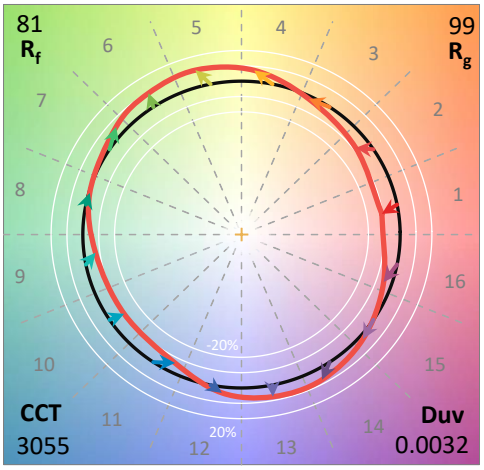
Test Information

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

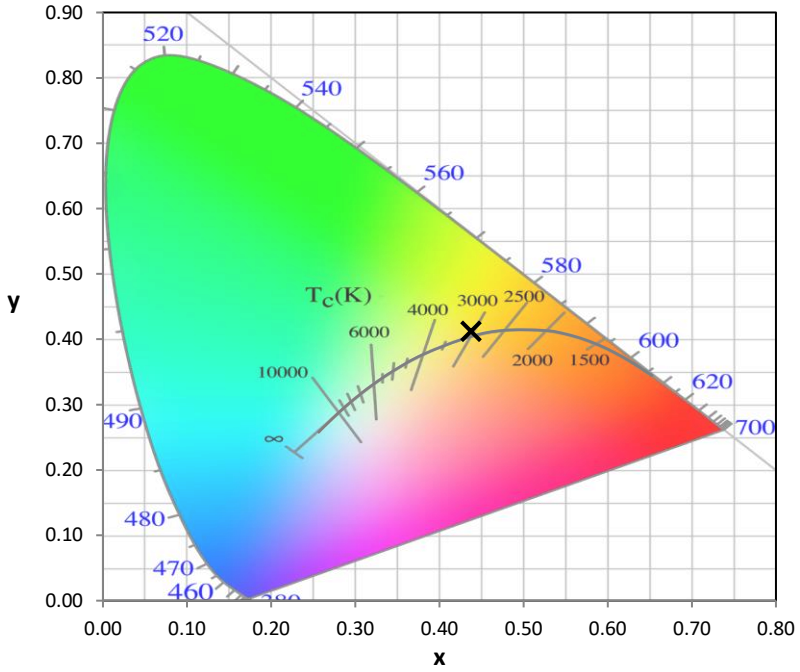
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

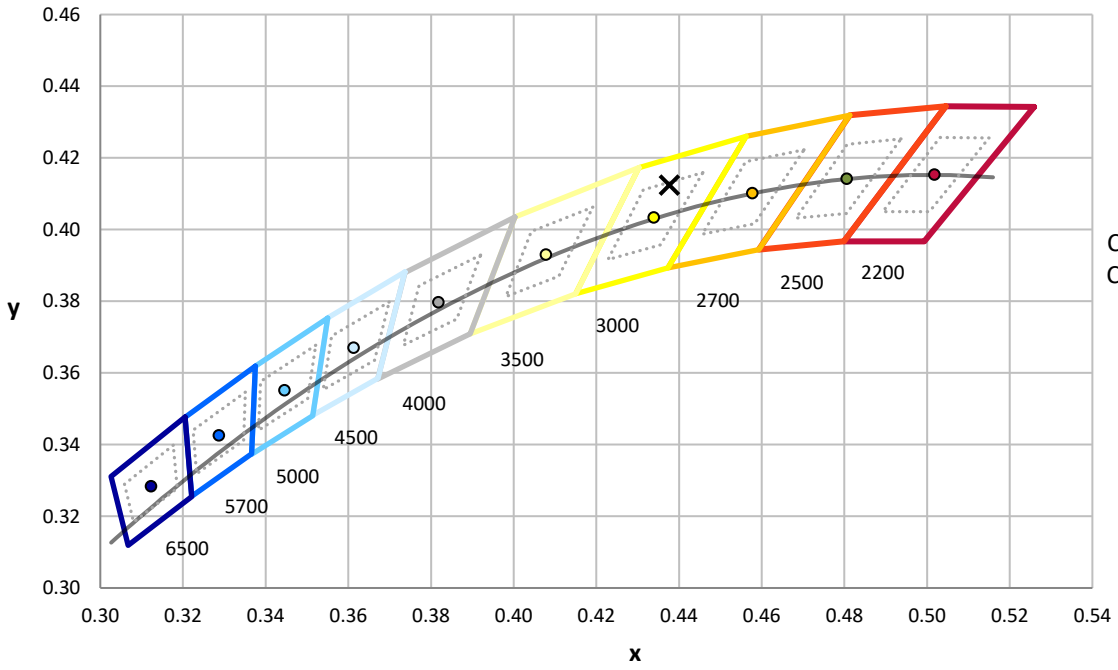
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

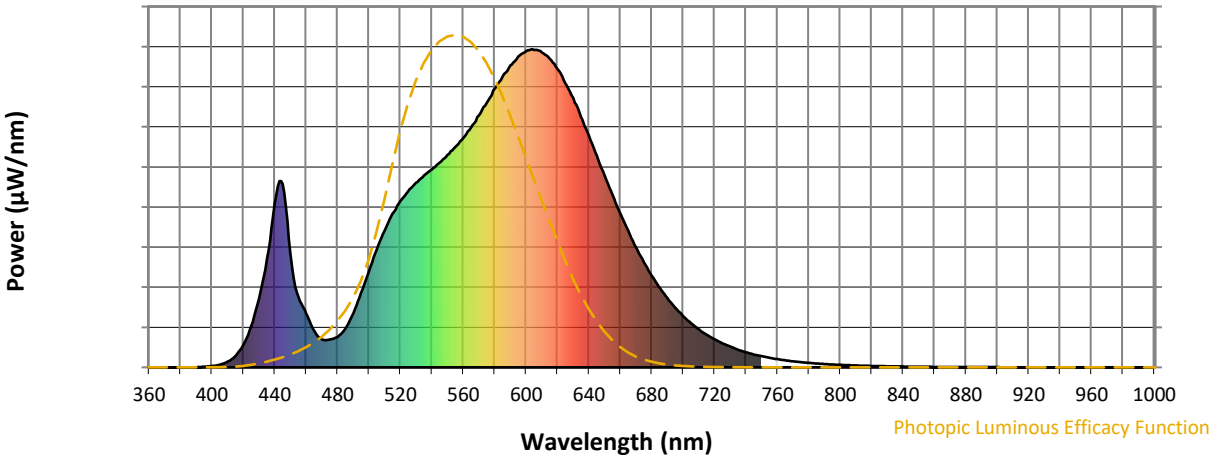


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

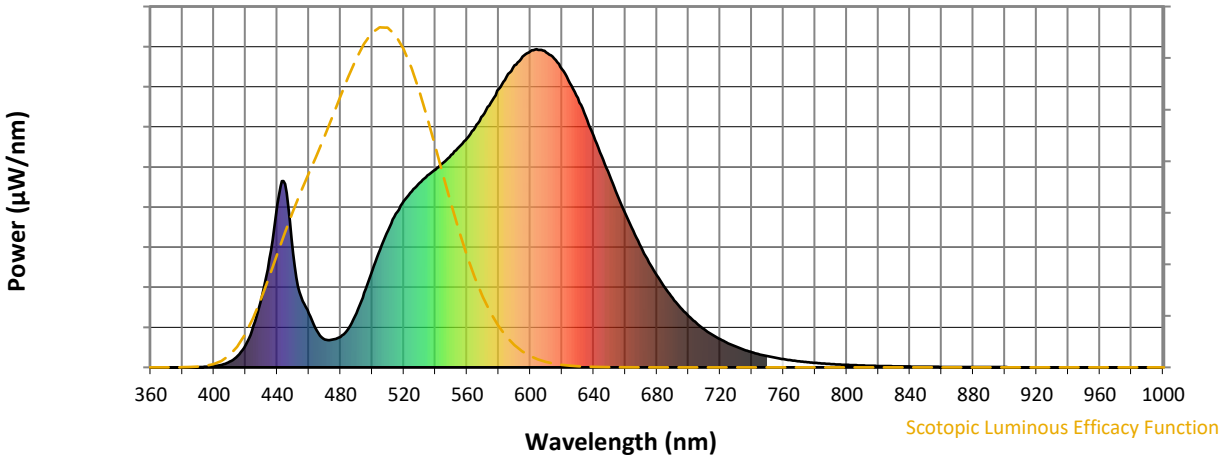


Photopic Lumens: NR

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

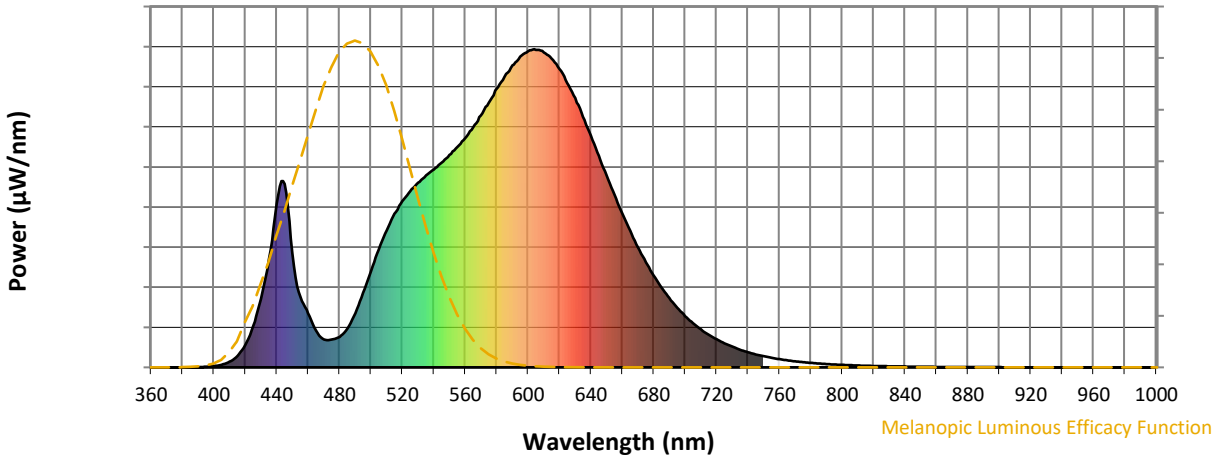


Scotopic Lumens: NR **S/P: 1.28**

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			

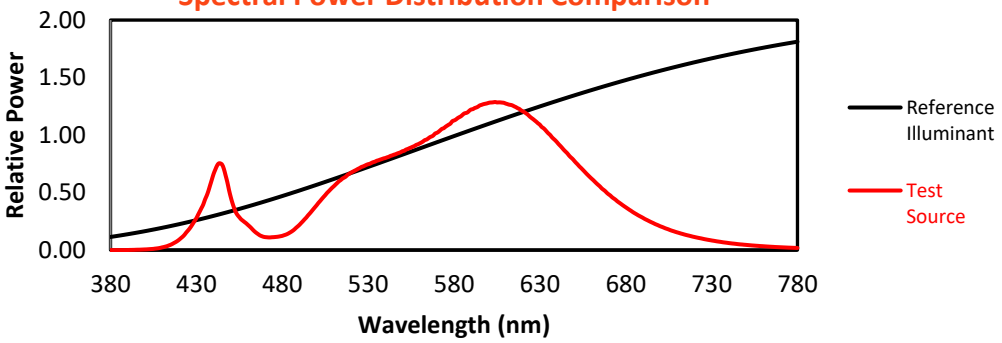
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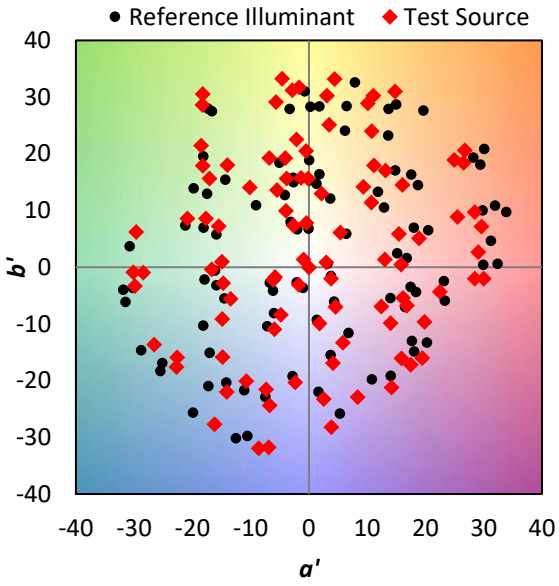
Summary

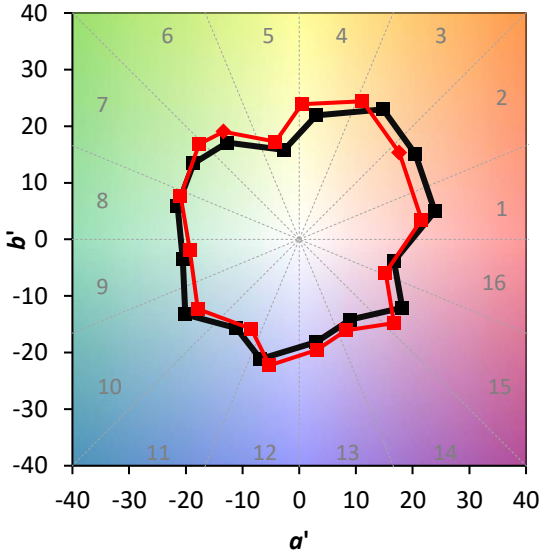
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

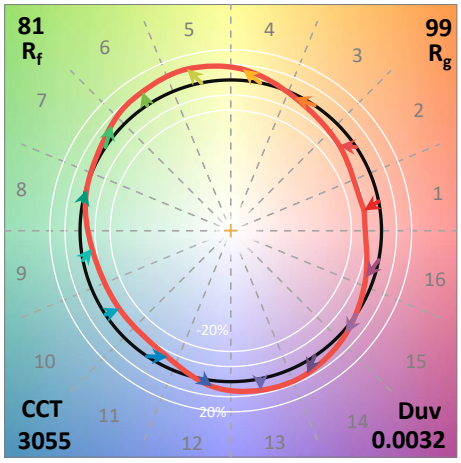
Spectral Power Distribution Comparison

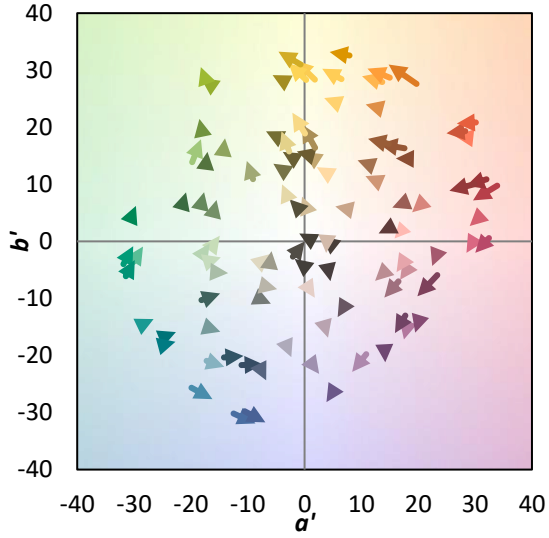


Color Vector Graphics







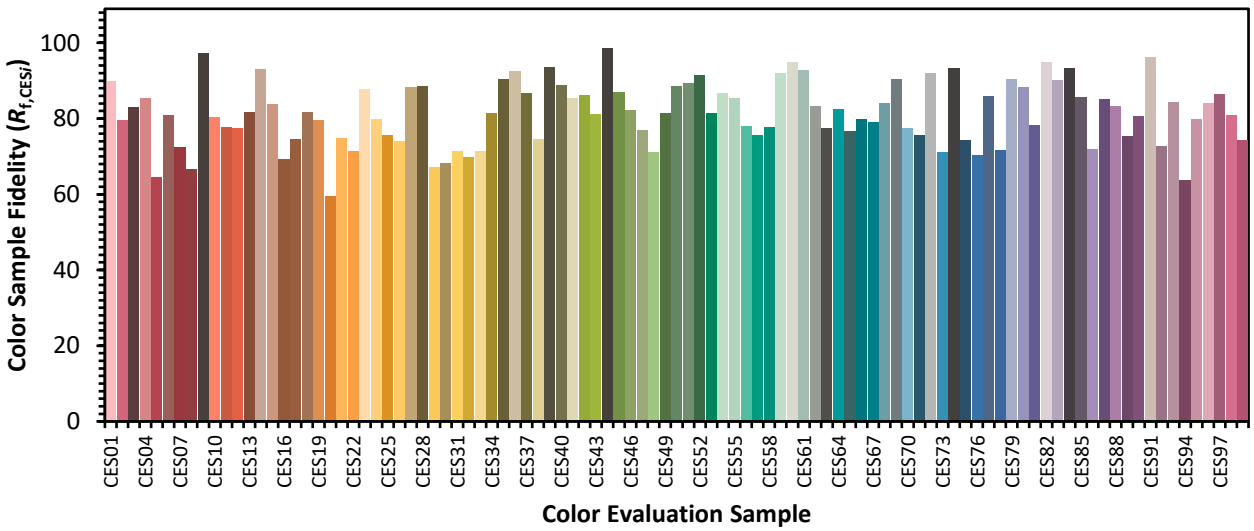


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Individual Sample Fidelity Index ($R_{f,i}$)

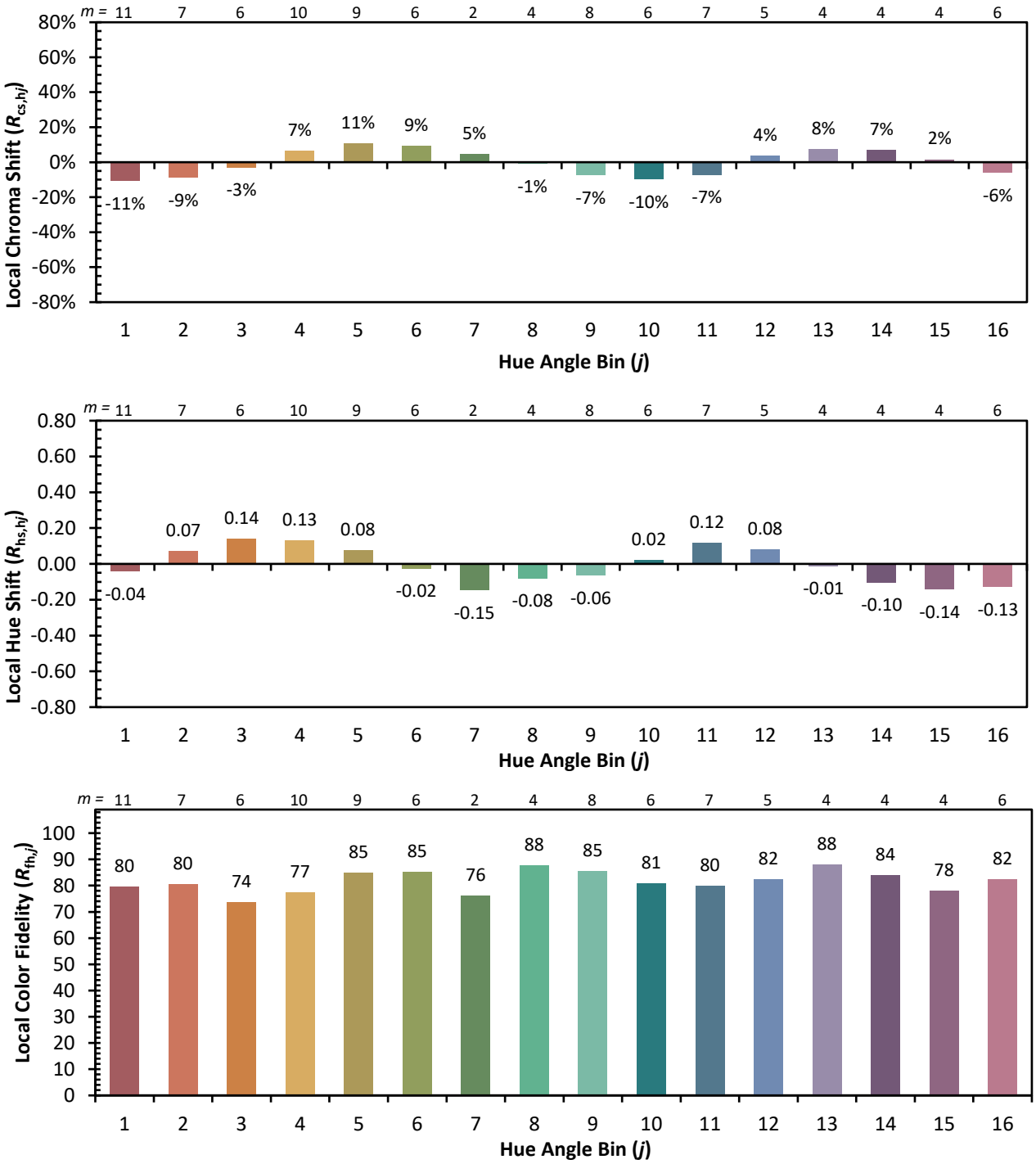
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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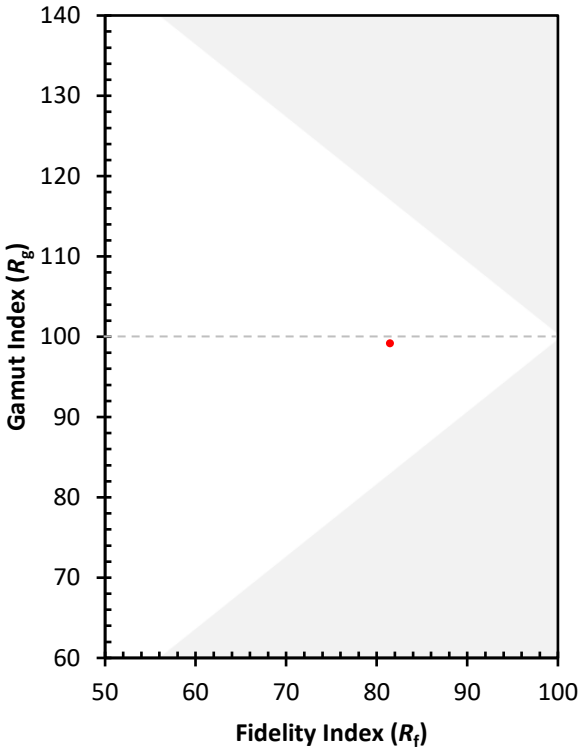
Color Rendition by Hue-Angle Bin

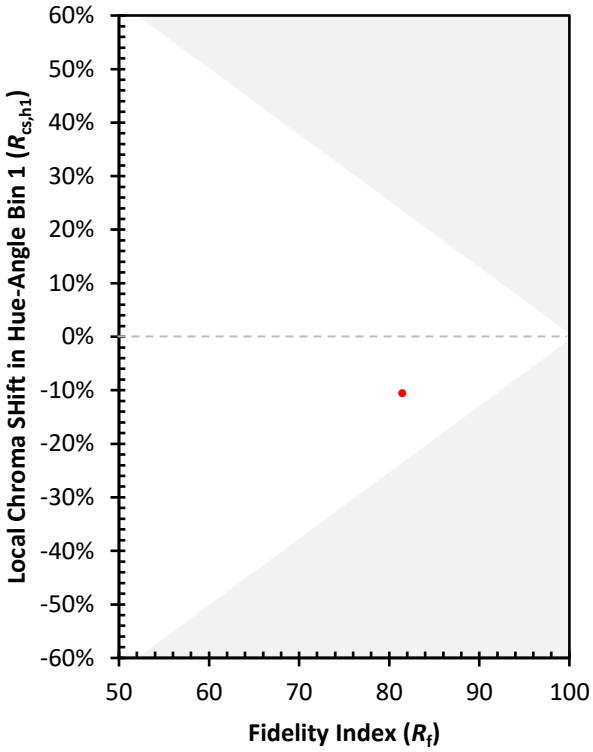


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Measure Comparisons





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