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: P1502653

Luminaire Tested: GSS-SB3A-827-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:	P1502653
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8782.7 lumens
Efficiency:	N/A
Efficacy:	103.3 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

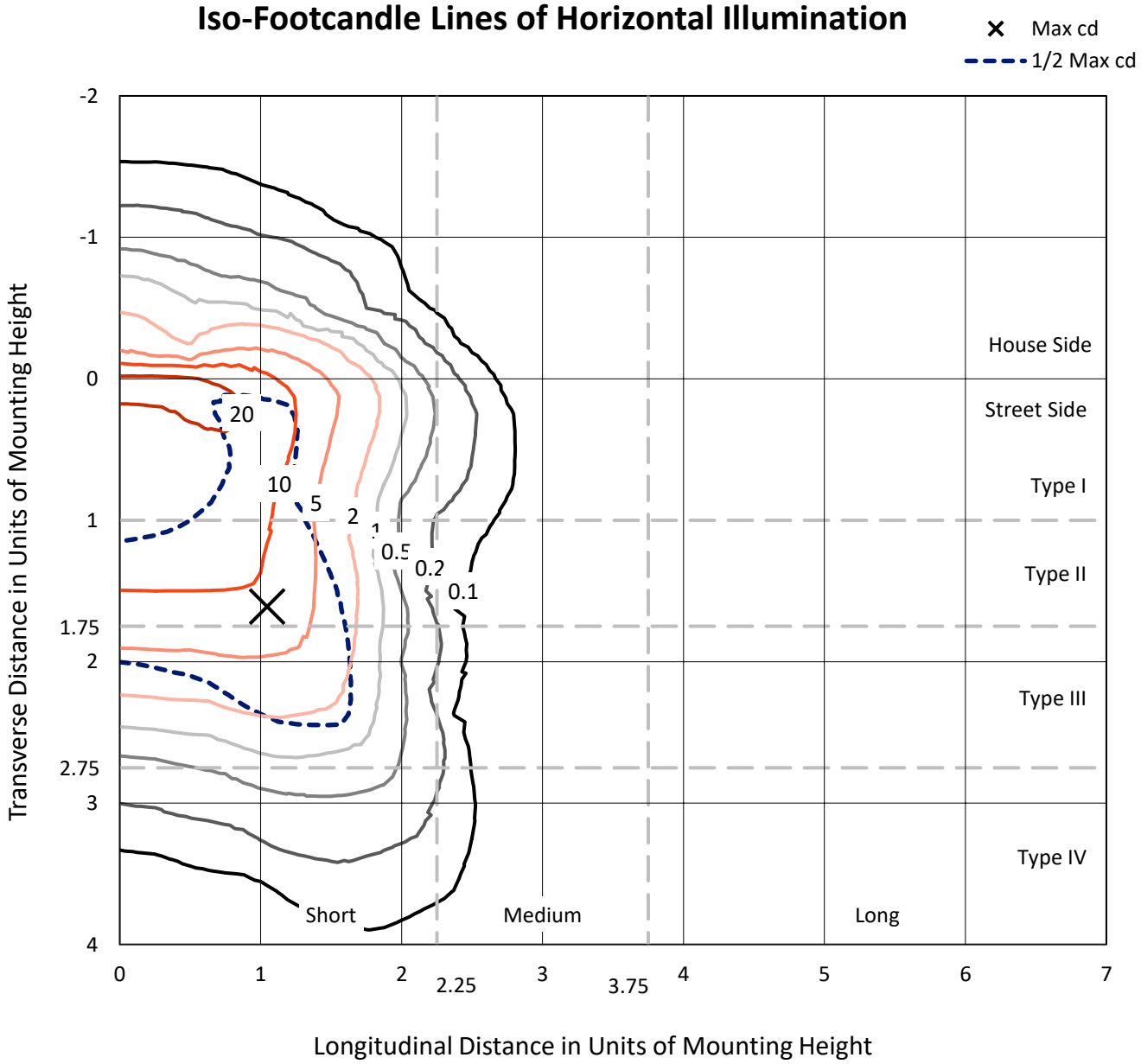
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502653
CATALOG NUMBER: GSS-SB3A-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



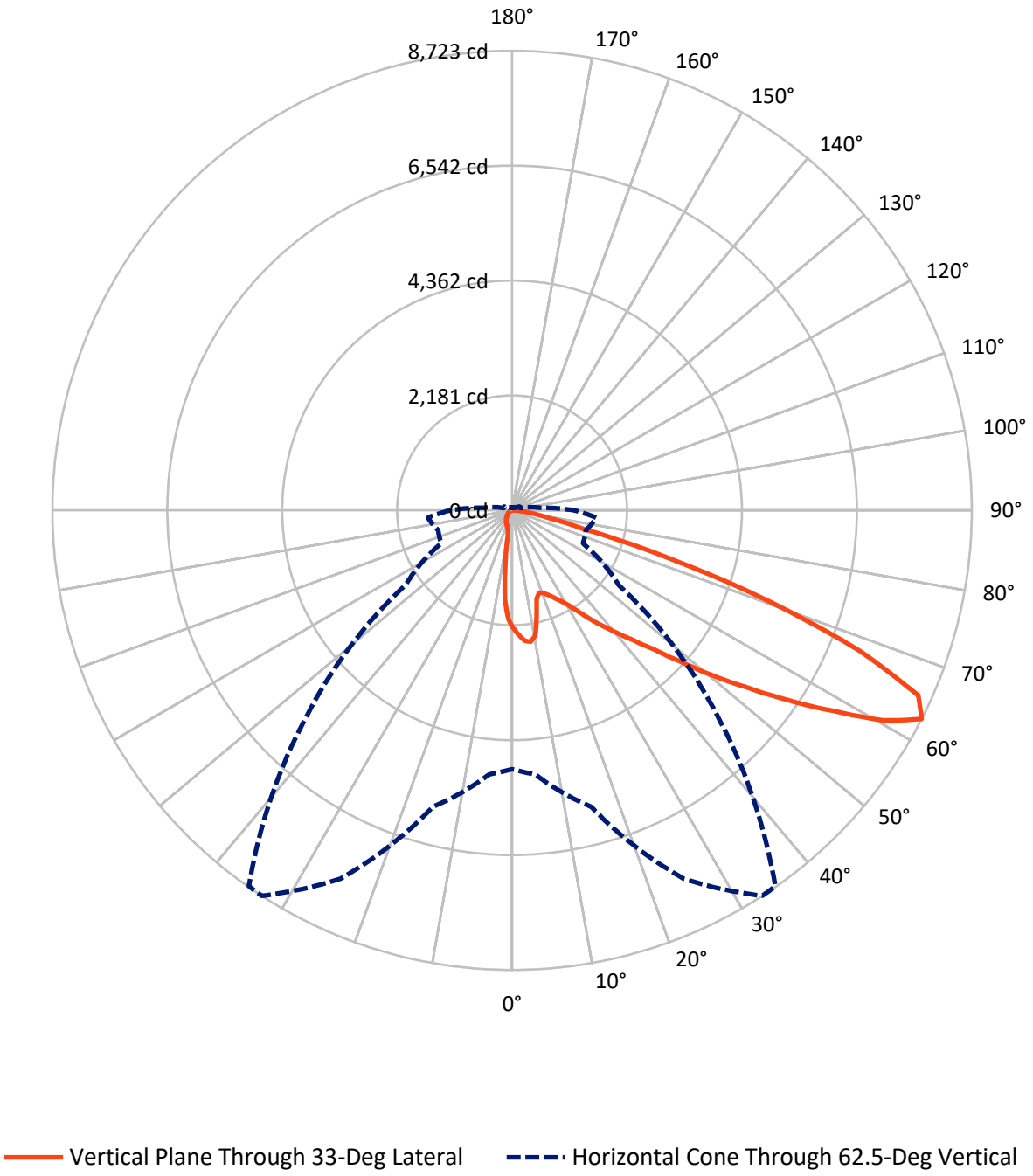
Based on 10 foot mounting height. Maximum calculated value = 26.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502653
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Luminous Intensity Polar Plot



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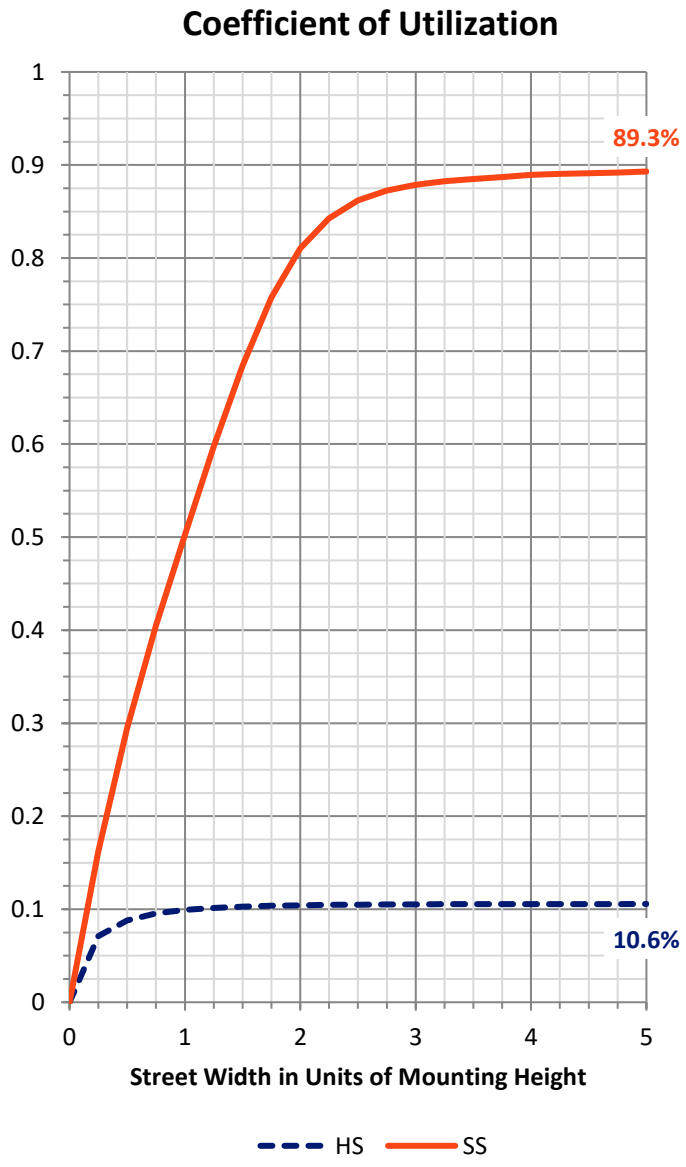
REPORT NUMBER: P1502653
CATALOG NUMBER: GSS-SB3A-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	934.5	0.0	934.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	7848.1	0.0	7848.1
	% Fixture	89.4	0.0	89.4
Total	Lumens	8782.7	0.0	8782.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.7	2.2
10°-20°	423.2	4.8
20°-30°	682.2	7.8
30°-40°	1134.8	12.9
40°-50°	1793.6	20.4
50°-60°	2409.7	27.4
60°-70°	1769.0	20.1
70°-80°	350.1	4.0
80°-90°	30.4	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°	8782.7	100.0
0°-180°	8782.7	100.0



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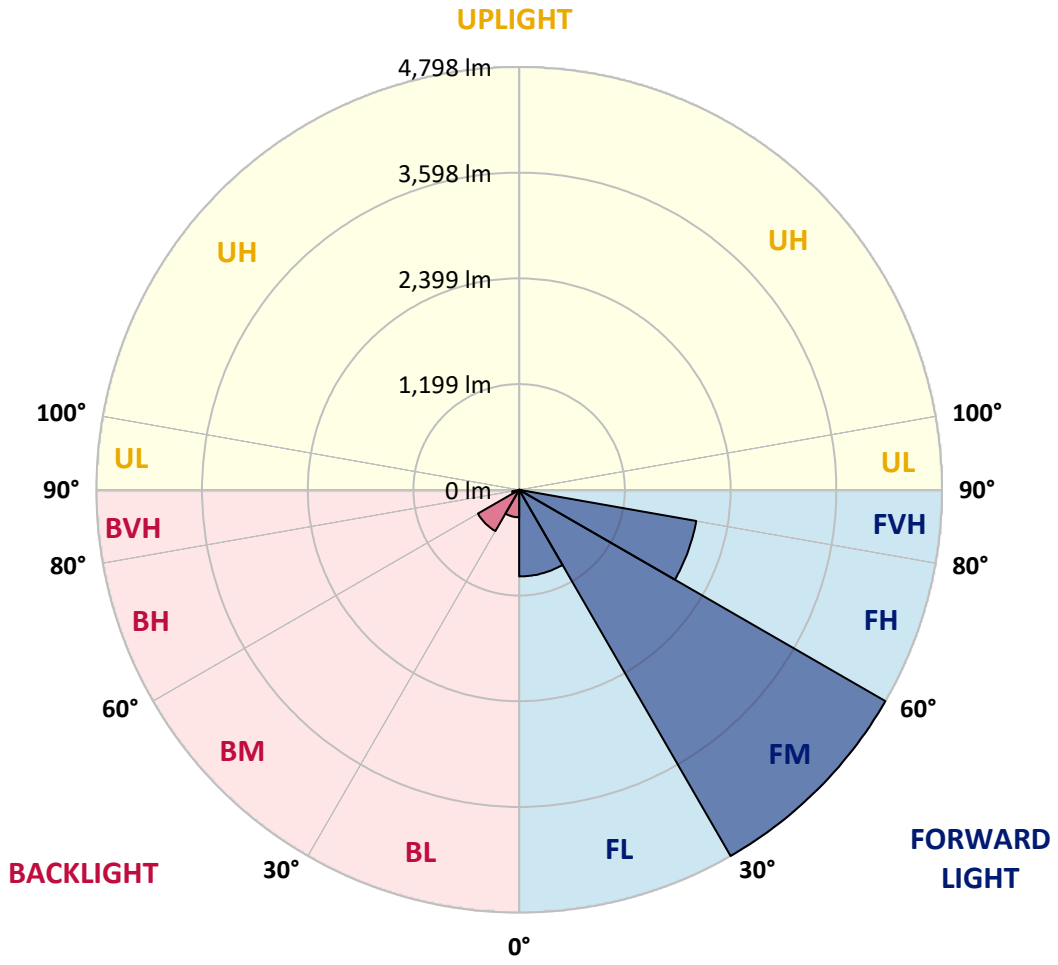
Scaled Data Report

REPORT NUMBER: P1502653
CATALOG NUMBER: GSS-SB3A-827-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	983.3	11.2			
FM	(30°-60°)	4797.5	54.6			
FH	(60°-80°)	2039.2	23.2			G2/5000
FVH	(80°-90°)	28.1	0.3			G1/100
BL	(0°-30°)	311.8	3.6	B1/500		
BM	(30°-60°)	540.6	6.2	B1/1000		
BH	(60°-80°)	79.8	0.9	B0/110		G0/110
BVH	(80°-90°)	2.3	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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REPORT NUMBER: P1502653
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2376.8	2386.7	2386.7	2366.9	2362.0	2352.1	2342.2	2339.7	2307.6	2282.8	2258.1
5°	2498.0	2495.5	2493.1	2483.2	2485.6	2473.3	2465.9	2453.5	2399.1	2362.0	2295.2
7.5°	2446.1	2468.3	2478.2	2505.4	2517.8	2515.3	2535.1	2540.1	2493.1	2441.1	2339.7
10°	2107.2	2094.9	2183.9	2300.1	2416.4	2443.6	2550.0	2606.8	2589.5	2542.5	2411.4
12.5°	1669.5	1681.8	1743.7	1879.7	2070.1	2129.5	2436.2	2661.2	2710.7	2681.0	2510.4
15°	1528.5	1528.5	1560.6	1624.9	1738.7	1795.6	2174.0	2653.8	2839.3	2841.8	2634.0
17.5°	1498.8	1503.8	1531.0	1573.0	1647.2	1671.9	1936.6	2545.0	2965.5	3010.0	2772.5
20°	1503.8	1511.2	1540.9	1600.2	1671.9	1701.6	1874.7	2406.5	3071.8	3193.0	2918.5
22.5°	1521.1	1518.6	1570.5	1649.7	1741.2	1768.4	1926.7	2349.6	3160.9	3403.2	3089.1
25°	1540.9	1543.3	1610.1	1721.4	1832.7	1864.9	2042.9	2401.6	3225.2	3628.3	3262.3
27.5°	1600.2	1607.6	1689.2	1810.4	1941.5	1983.6	2193.8	2537.6	3336.5	3845.9	3450.2
30°	1691.7	1699.1	1793.1	1939.1	2080.0	2144.3	2381.8	2708.2	3502.2	4098.2	3643.1
32.5°	1798.1	1808.0	1929.2	2097.3	2268.0	2329.8	2596.9	2967.9	3722.3	4355.4	3843.5
35°	1931.6	1958.8	2089.9	2290.3	2520.3	2579.6	2861.6	3262.3	4009.2	4585.5	4014.1
37.5°	2114.7	2136.9	2297.7	2547.5	2780.0	2859.1	3158.4	3571.4	4268.9	4790.7	4152.6
40°	2337.2	2357.0	2537.6	2809.6	3052.0	3118.8	3470.0	3883.0	4548.4	4904.5	4182.3
42.5°	2708.2	2762.7	2876.4	3106.4	3366.1	3450.2	3816.3	4184.8	4751.2	4926.8	4135.3
45°	3356.2	3373.6	3398.3	3507.1	3756.9	3831.1	4182.3	4447.0	4872.4	4931.7	4093.3
47.5°	3977.0	4036.4	4071.0	4120.5	4271.4	4298.6	4565.7	4681.9	4968.8	4914.4	4093.3
50°	4597.8	4642.3	4701.7	4761.1	4921.8	4931.7	4971.3	4840.2	4973.8	4773.4	4068.5
52.5°	5161.7	5176.6	5278.0	5391.7	5592.1	5646.5	5347.2	4956.5	4674.5	4328.2	3952.3
55°	5666.3	5686.1	5839.4	6071.9	6358.8	6430.5	5807.3	4731.4	4033.9	3752.0	3682.7
57.5°	5992.8	6039.7	6346.4	6858.4	7182.4	7150.3	6163.4	4204.6	3240.0	3069.3	3205.4
60°	5829.5	5893.8	6539.4	7518.8	8095.0	8001.1	6064.5	3460.1	2394.1	2270.5	2537.6
62.5°	4911.9	5030.6	5829.5	7714.2	8723.3	8708.4	5505.5	2468.3	1484.0	1451.8	1602.7
65°	3415.6	3620.9	4568.1	7061.2	8471.0	8493.2	4634.9	1437.0	687.6	853.3	937.4
67.5°	2013.2	2159.2	2943.2	5765.2	7108.2	6902.9	3151.0	665.3	343.8	519.4	497.1
70°	885.4	984.4	1686.8	3994.3	5179.0	4847.6	1538.4	324.0	262.2	314.1	274.5
72.5°	487.2	531.8	887.9	2109.7	3151.0	2995.1	519.4	215.2	225.1	235.0	197.9
75°	272.1	291.8	467.4	1219.3	1385.0	1288.6	252.3	141.0	190.4	190.4	145.9
77.5°	158.3	175.6	291.8	759.3	759.3	613.4	153.3	89.0	143.5	128.6	79.1
80°	74.2	84.1	160.8	420.5	479.8	395.7	86.6	61.8	94.0	81.6	51.9
82.5°	22.3	27.2	79.1	163.2	272.1	232.5	44.5	39.6	69.3	51.9	29.7
85°	14.8	17.3	39.6	66.8	133.6	116.2	14.8	12.4	29.7	24.7	12.4
87.5°	2.5	2.5	4.9	4.9	4.9	4.9	2.5	2.5	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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REPORT NUMBER: P1502653
CATALOG NUMBER: GSS-SB3A-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2243.3	2226.0	2186.4	2149.3	2129.5	2085.0	2067.7	2047.9	2038.0	2035.5	2020.7
5°	2253.2	2221.0	2122.1	2023.1	1919.3	1820.3	1718.9	1629.9	1558.2	1560.6	1563.1
7.5°	2282.8	2218.5	2045.4	1847.5	1624.9	1367.7	1093.2	887.9	756.8	729.6	704.9
10°	2322.4	2228.4	1951.4	1585.4	1147.6	722.2	509.5	435.3	403.1	395.7	398.2
12.5°	2396.6	2253.2	1832.7	1224.3	635.6	415.5	368.5	356.2	351.2	351.2	351.2
15°	2488.1	2287.8	1647.2	801.3	415.5	346.3	336.4	333.9	328.9	328.9	331.4
17.5°	2564.8	2287.8	1402.3	521.9	341.3	321.5	314.1	311.6	311.6	314.1	311.6
20°	2648.9	2270.5	1127.8	393.3	316.6	299.3	294.3	294.3	294.3	296.8	296.8
22.5°	2735.4	2240.8	873.1	336.4	294.3	279.5	277.0	279.5	282.0	284.4	284.4
25°	2831.9	2203.7	690.0	311.6	274.5	262.2	262.2	262.2	264.6	269.6	272.1
27.5°	2938.3	2171.5	591.1	296.8	257.2	244.9	244.9	247.3	252.3	254.7	257.2
30°	3037.2	2171.5	559.0	304.2	249.8	235.0	230.0	232.5	237.4	242.4	242.4
32.5°	3160.9	2196.3	576.3	336.4	247.3	220.1	215.2	215.2	220.1	222.6	222.6
35°	3264.7	2243.3	635.6	380.9	257.2	207.8	197.9	195.4	200.3	197.9	200.3
37.5°	3348.8	2307.6	744.5	440.2	277.0	192.9	180.5	173.1	173.1	173.1	173.1
40°	3373.6	2371.9	883.0	479.8	274.5	175.6	158.3	150.9	148.4	145.9	145.9
42.5°	3338.9	2401.6	994.3	477.3	244.9	163.2	141.0	131.1	123.7	121.2	121.2
45°	3311.7	2416.4	1033.8	415.5	222.6	148.4	126.1	113.8	106.4	103.9	101.4
47.5°	3314.2	2431.2	974.5	338.8	202.8	136.0	113.8	101.4	94.0	91.5	89.0
50°	3324.1	2406.5	826.1	282.0	185.5	123.7	101.4	91.5	84.1	81.6	79.1
52.5°	3220.2	2275.4	581.2	247.3	170.7	116.2	91.5	84.1	76.7	74.2	74.2
55°	2948.1	1961.3	393.3	220.1	158.3	106.4	84.1	79.1	71.7	66.8	66.8
57.5°	2512.9	1479.0	272.1	200.3	138.5	96.5	79.1	71.7	64.3	59.4	59.4
60°	1921.7	964.6	197.9	183.0	113.8	89.0	74.2	69.3	59.4	54.4	51.9
62.5°	*1169.9*	*541.6*	*160.8*	*160.8*	*96.5*	*84.1*	*66.8*	*61.8*	*51.9*	*44.5*	*42.0*
65°	677.7	319.1	131.1	136.0	84.1	76.7	59.4	51.9	42.0	34.6	32.2
67.5°	326.5	185.5	103.9	96.5	74.2	64.3	51.9	44.5	37.1	29.7	27.2
70°	200.3	143.5	79.1	69.3	59.4	49.5	42.0	39.6	32.2	24.7	24.7
72.5°	163.2	116.2	61.8	49.5	44.5	34.6	34.6	32.2	24.7	19.8	17.3
75°	128.6	86.6	47.0	34.6	27.2	27.2	24.7	22.3	19.8	14.8	14.8
77.5°	69.3	59.4	34.6	19.8	14.8	17.3	17.3	14.8	12.4	9.9	9.9
80°	44.5	34.6	19.8	9.9	9.9	9.9	9.9	7.4	7.4	4.9	4.9
82.5°	22.3	17.3	9.9	2.5	4.9	4.9	4.9	4.9	4.9	2.5	2.5
85°	4.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

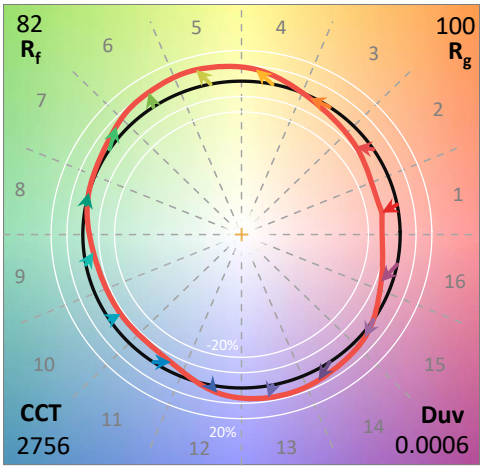
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

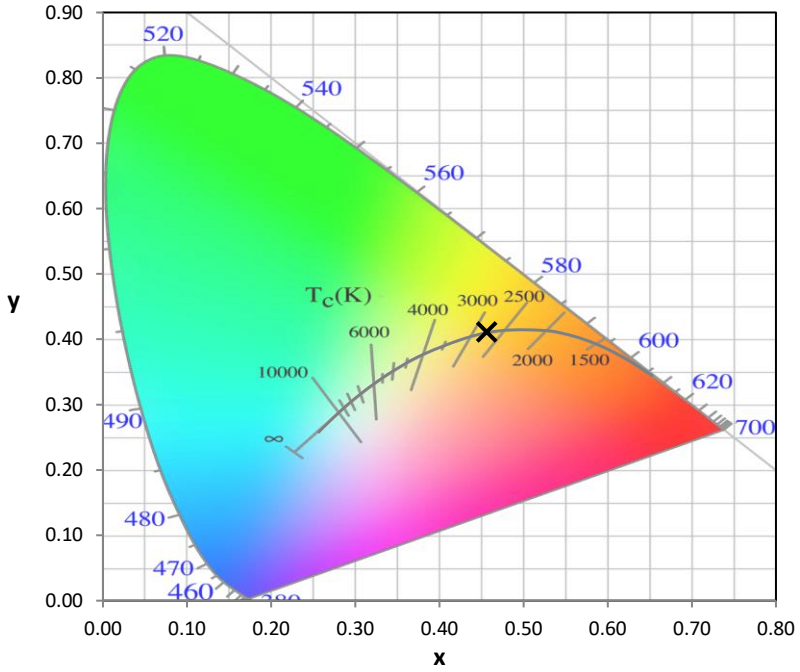
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

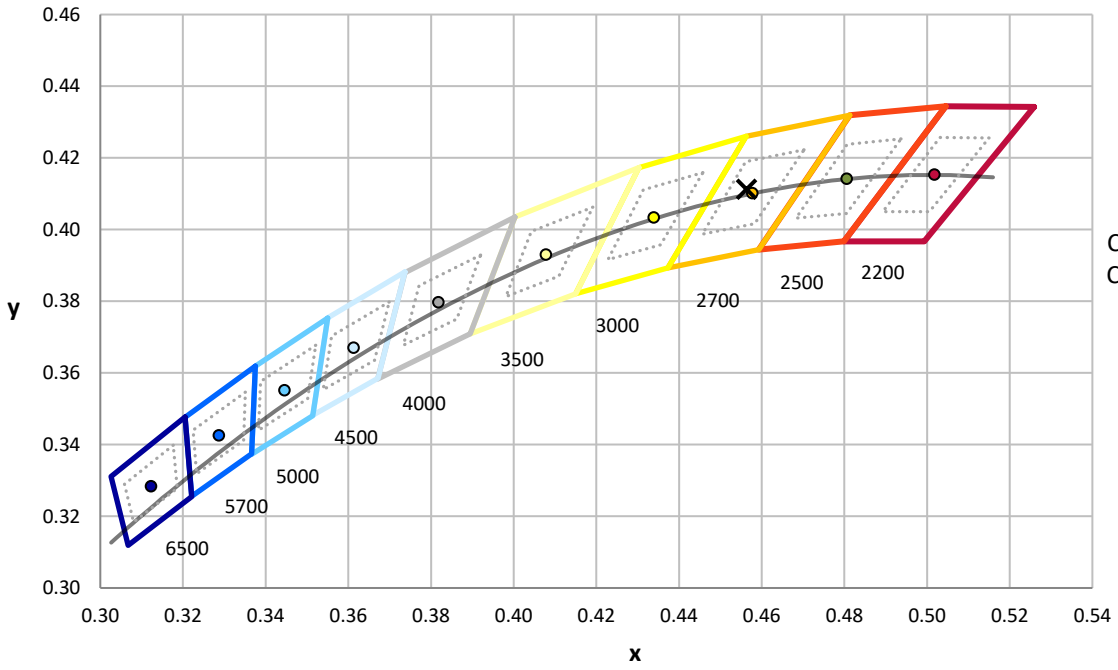
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

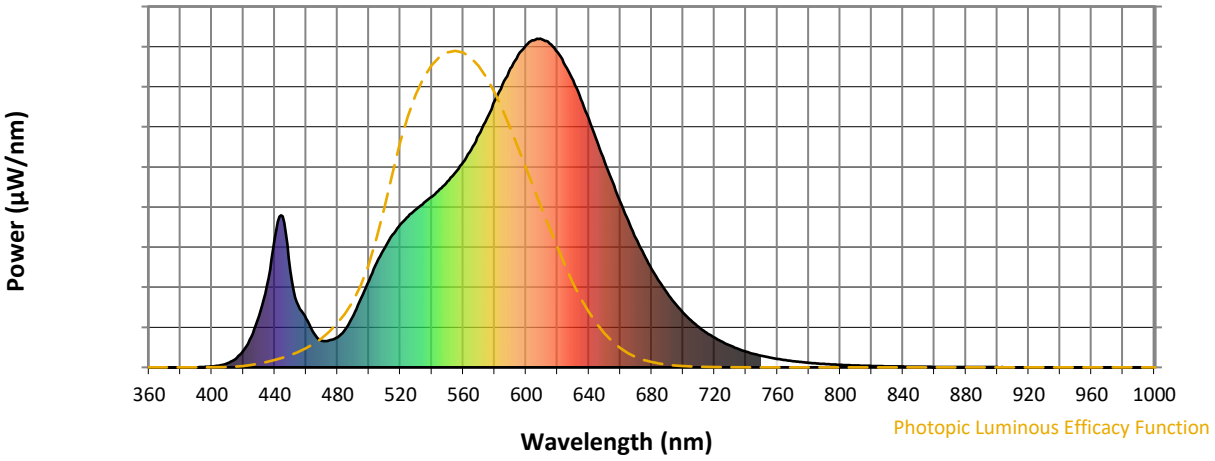


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

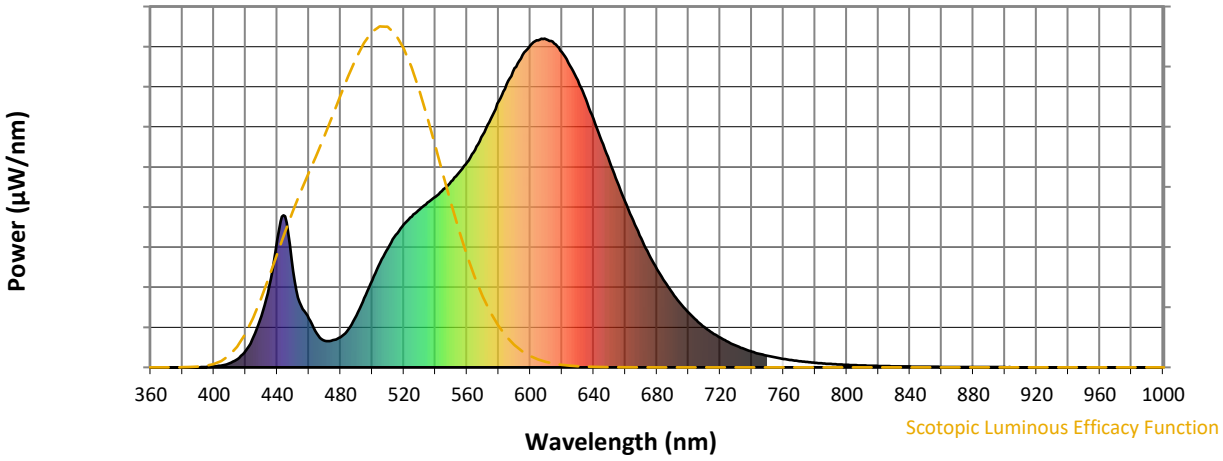


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

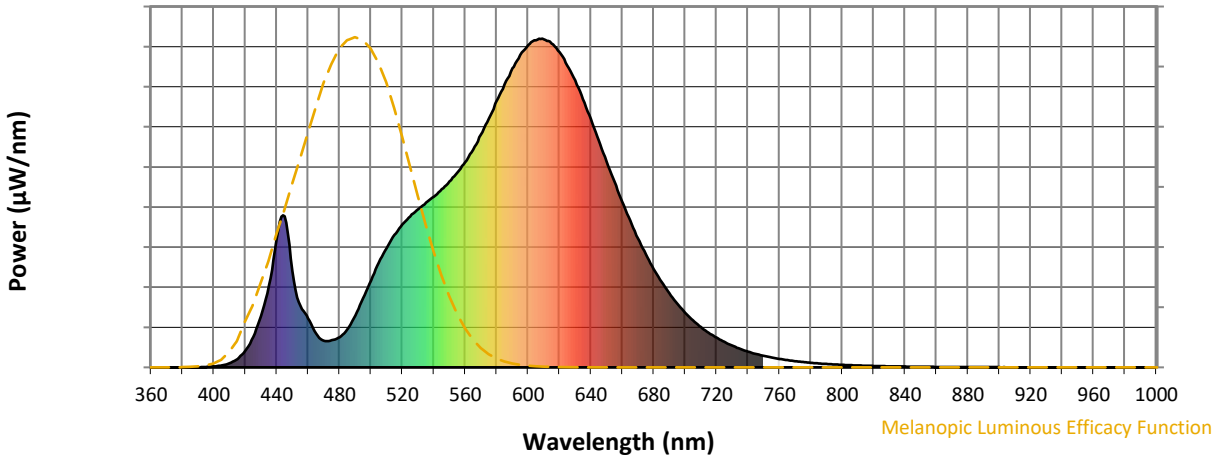


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

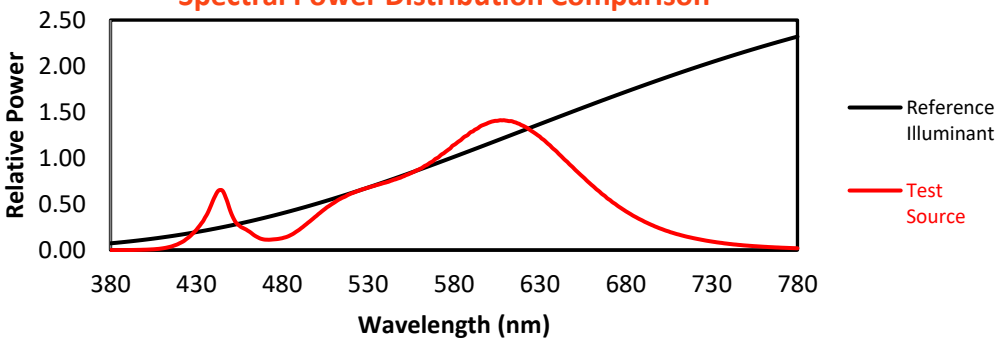
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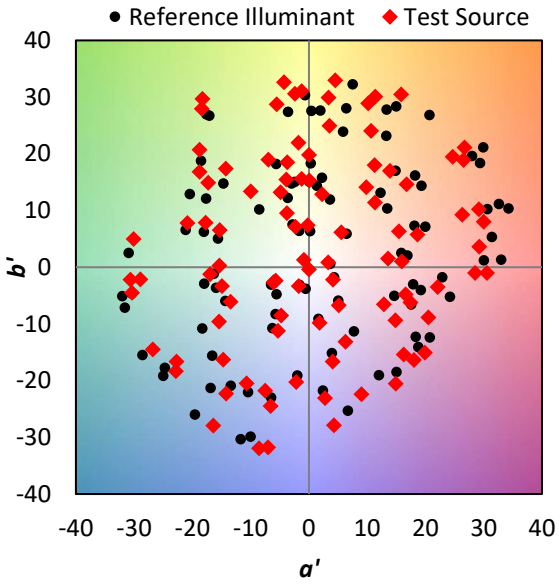
Summary

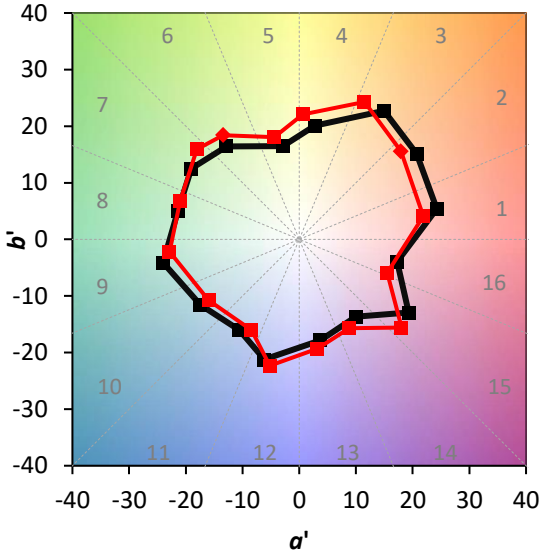
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

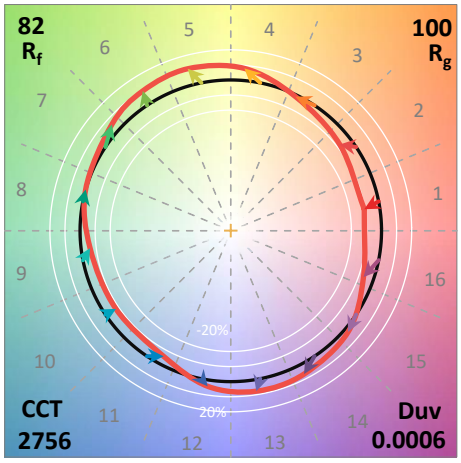
Spectral Power Distribution Comparison

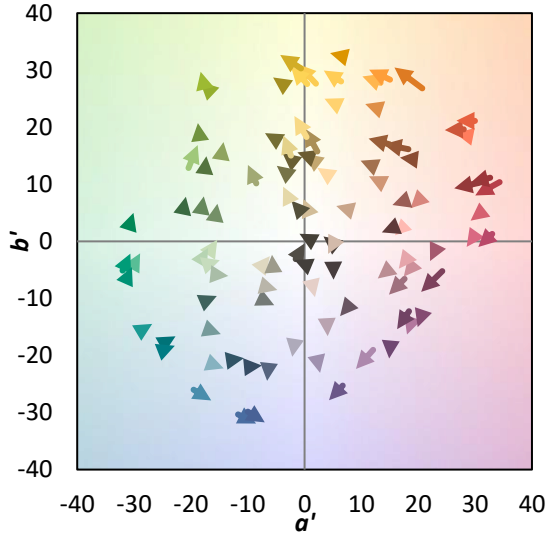


Color Vector Graphics







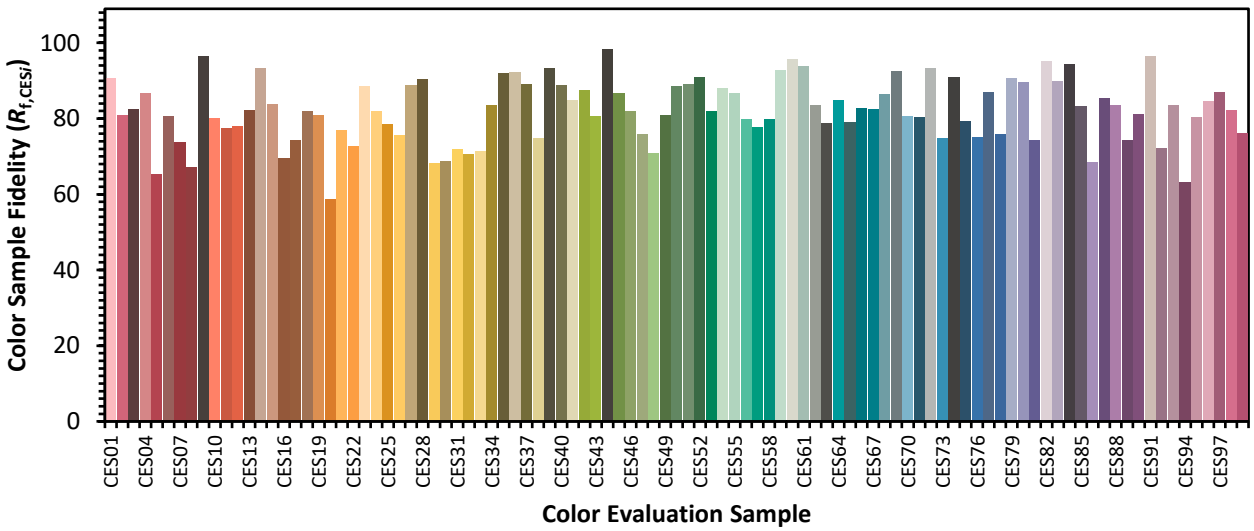


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Individual Sample Fidelity Index ($R_{f,i}$)

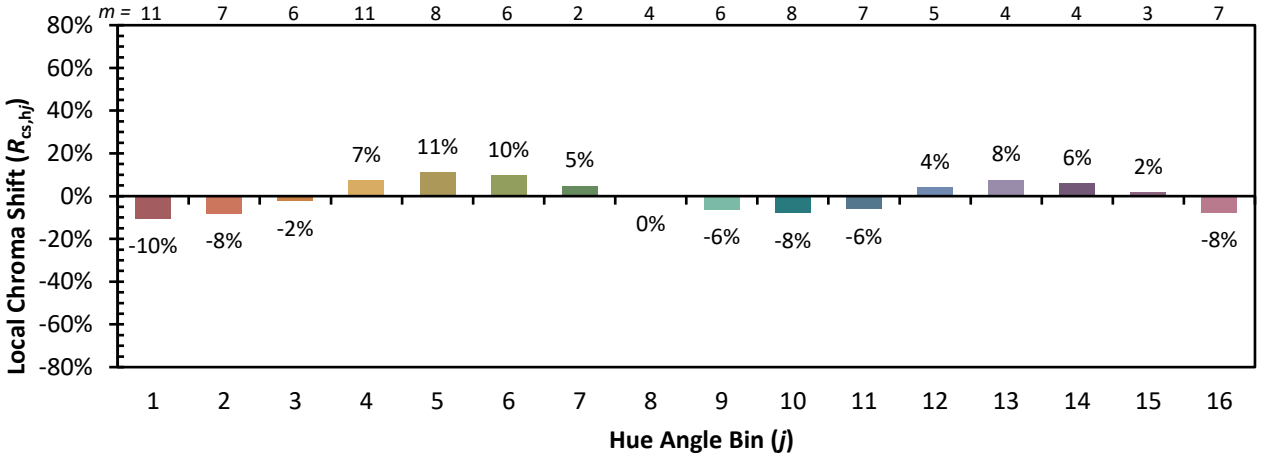
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

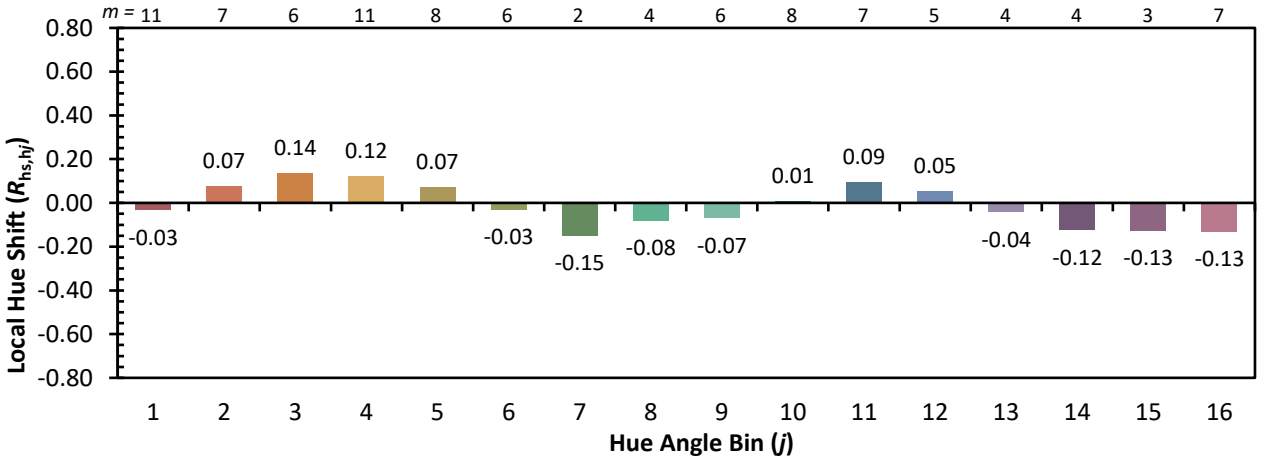


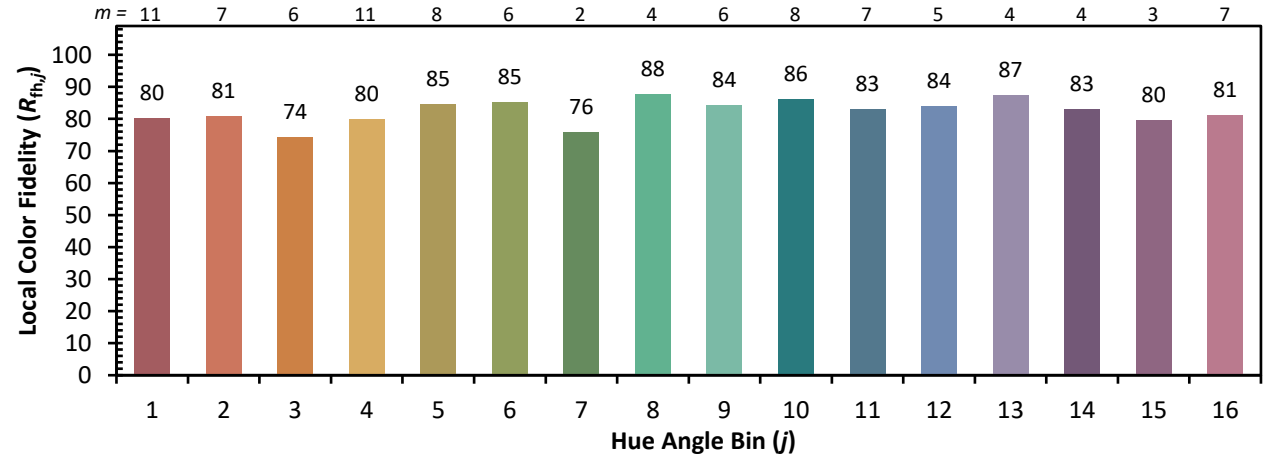
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Color Rendition by Hue-Angle Bin



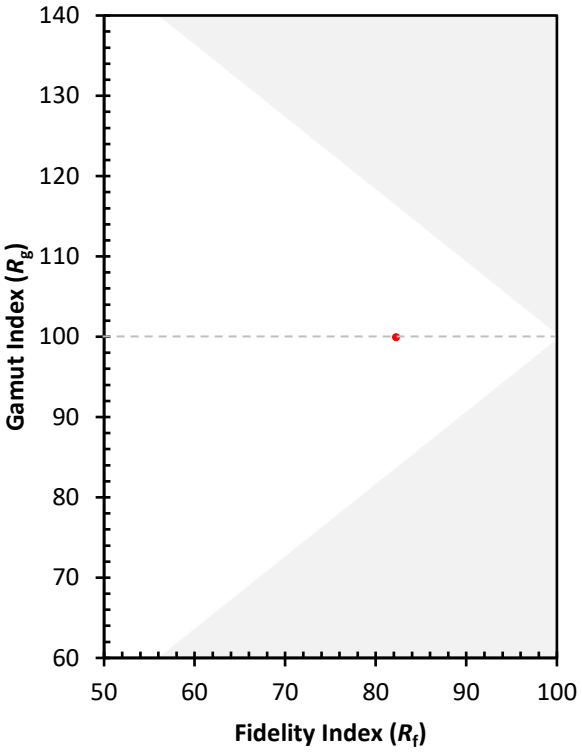


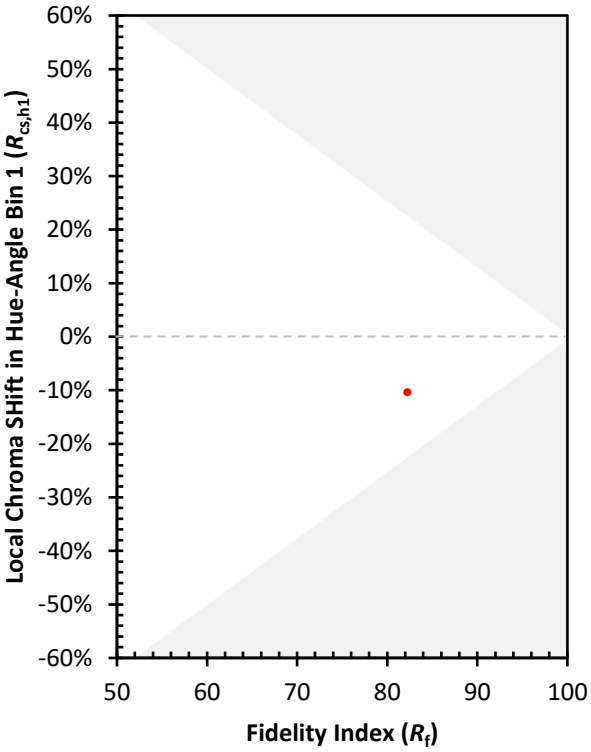


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Measure Comparisons





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