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: P1502274

Luminaire Tested: GSS-SB4B-827-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:	P1502274
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15971 lumens
Efficiency:	N/A
Efficacy:	107.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

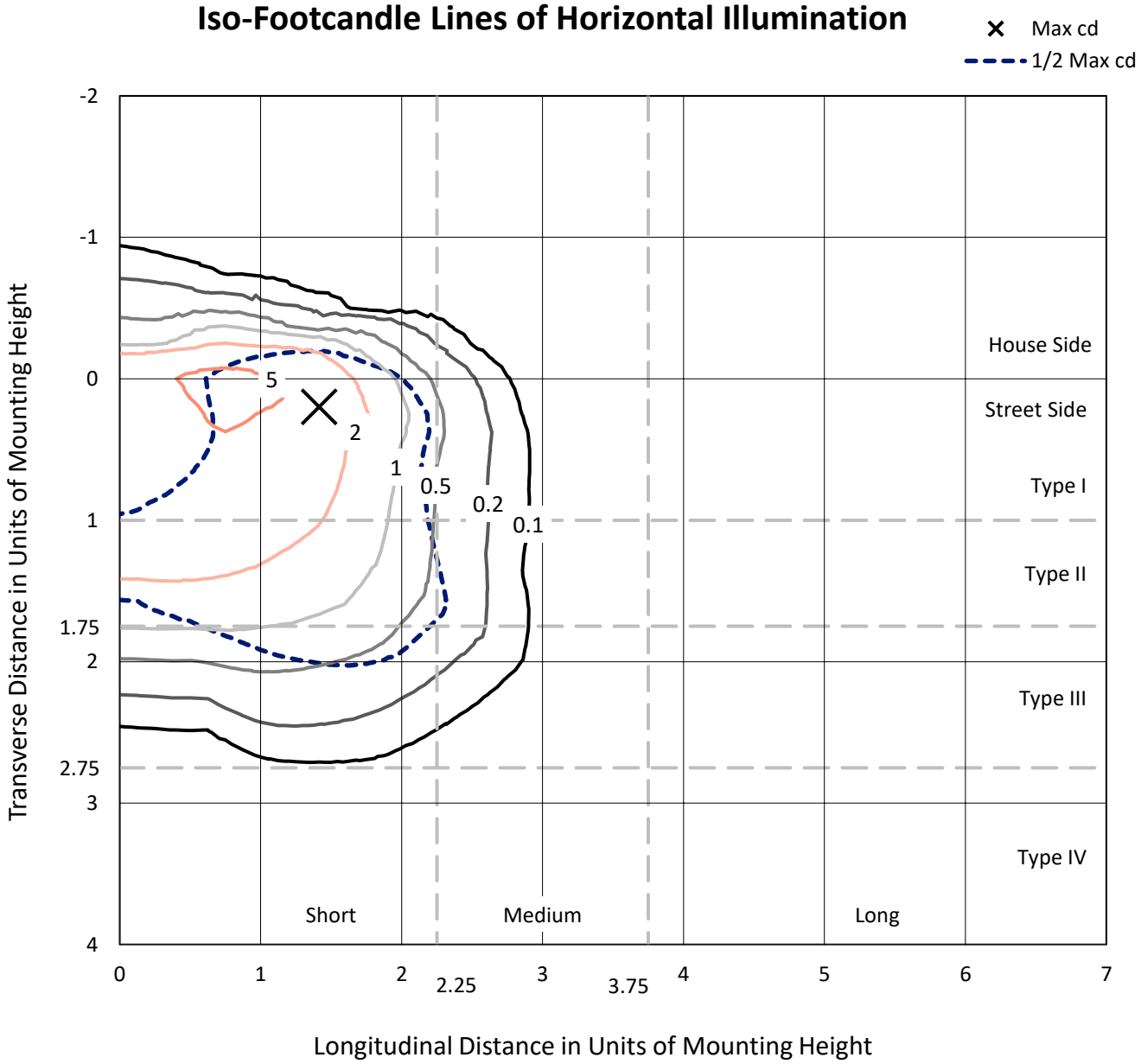
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502274
CATALOG NUMBER: GSS-SB4B-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



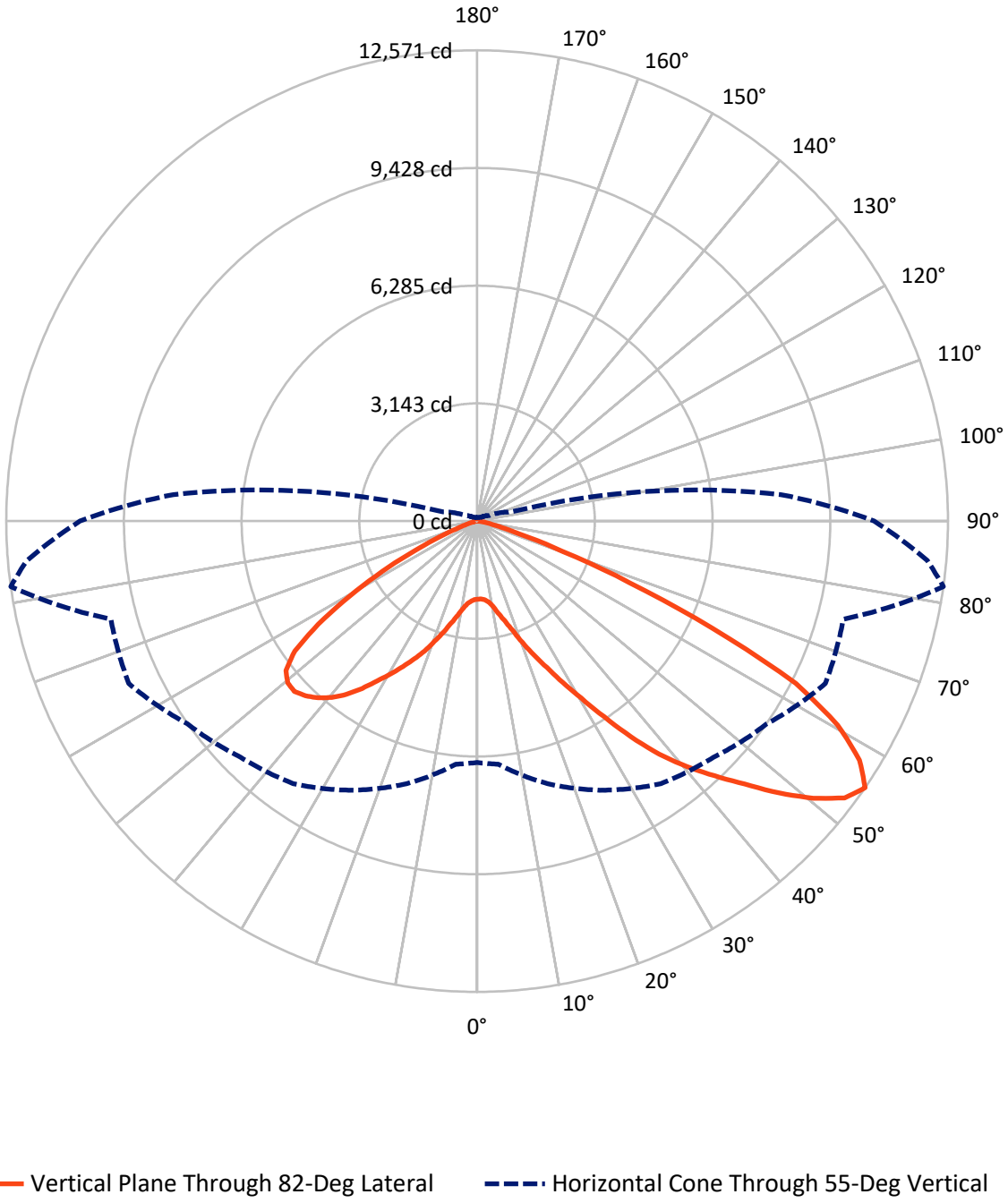
Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502274
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Luminous Intensity Polar Plot



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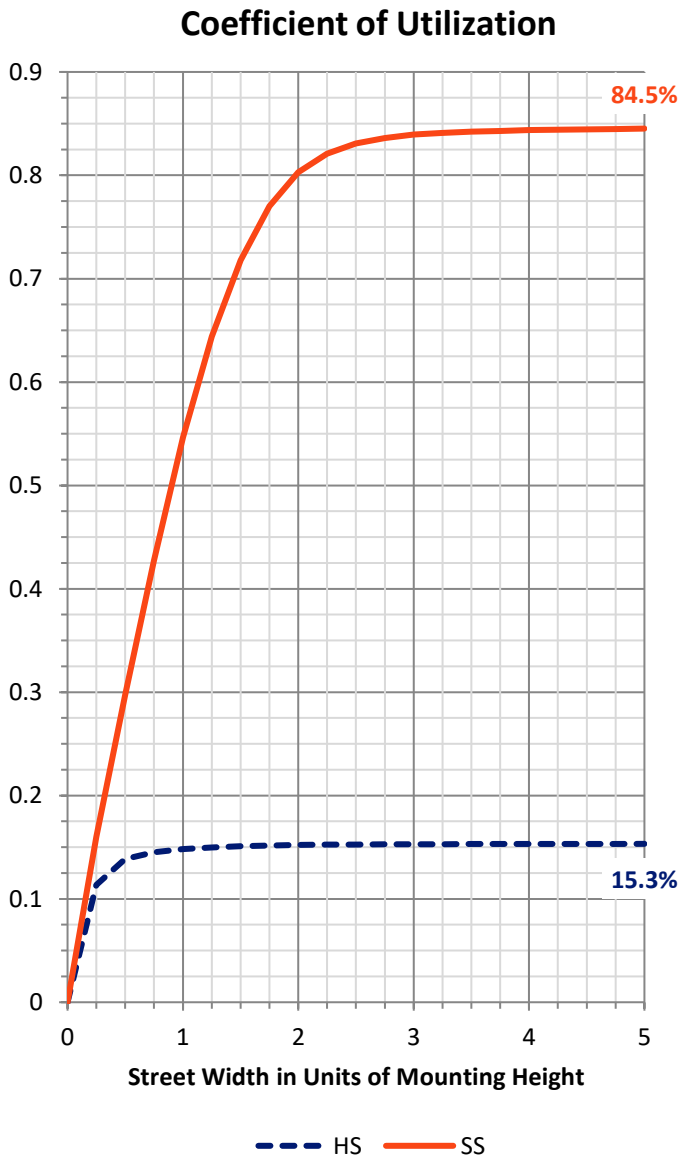
REPORT NUMBER: P1502274
CATALOG NUMBER: GSS-SB4B-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2468.6	0.0	2468.6
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13502.4	0.0	13502.4
	% Fixture	84.5	0.0	84.5
Total	Lumens	15971.0	0.0	15971.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.0	1.2
10°-20°	511.6	3.2
20°-30°	1022.8	6.4
30°-40°	2118.0	13.3
40°-50°	3538.2	22.2
50°-60°	4487.6	28.1
60°-70°	3354.8	21.0
70°-80°	710.6	4.4
80°-90°	38.3	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°	15971.0	100.0
0°-180°	15971.0	100.0



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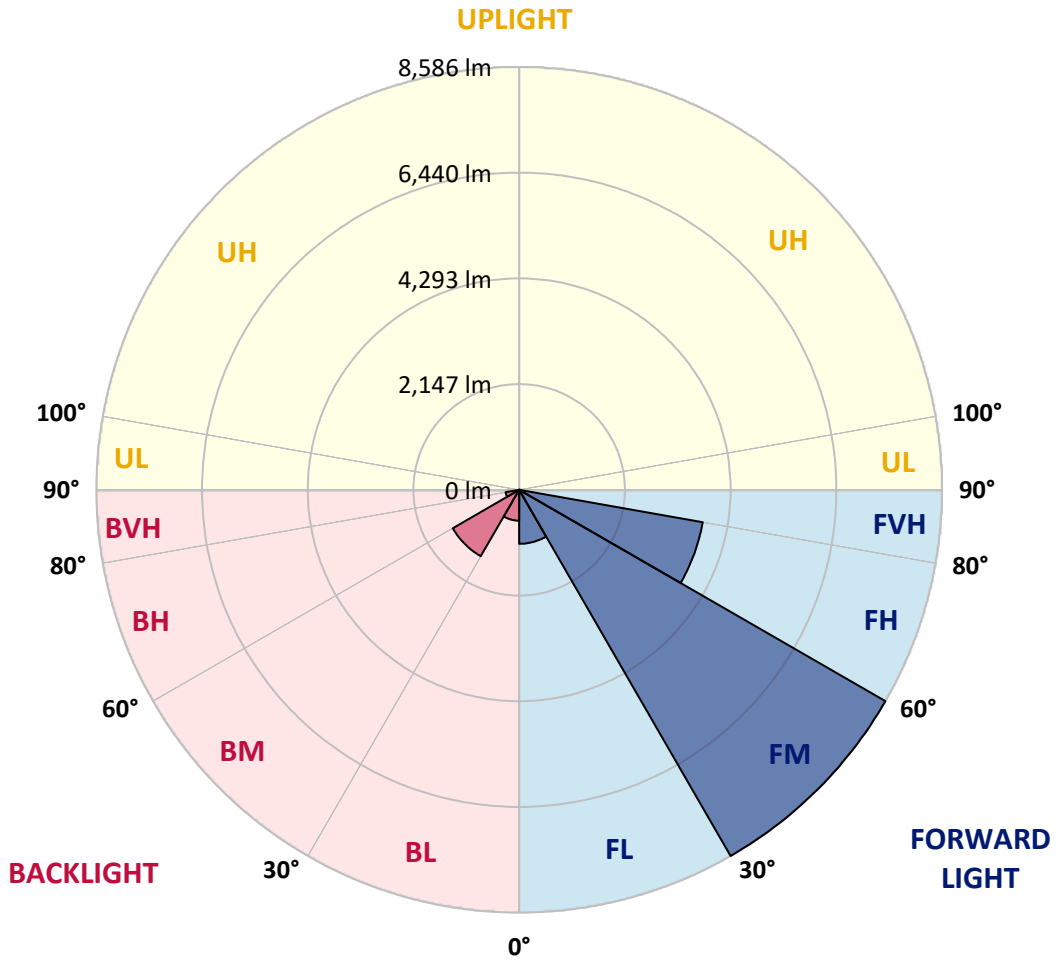
Scaled Data Report

REPORT NUMBER: P1502274
CATALOG NUMBER: GSS-SB4B-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1096.8	6.9			
FM	(30°-60°)	8586.3	53.8			
FH	(60°-80°)	3785.1	23.7			G2/5000
FVH	(80°-90°)	34.2	0.2			G1/100
BL	(0°-30°)	626.6	3.9	B2/1000		
BM	(30°-60°)	1557.6	9.8	B2/2500		
BH	(60°-80°)	280.3	1.8	B1/500		G1/500
BVH	(80°-90°)	4.0	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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REPORT NUMBER: P1502274
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	*2085.0*	2085.0
2.5°	2028.7	2033.0	2024.3	2028.7	2037.3	2033.0	2050.3	2063.3	2076.3	*2080.7*	2085.0
5°	1850.9	1855.3	1859.6	1894.3	1916.0	1968.0	2015.7	2046.0	2089.3	*2111.0*	2115.3
7.5°	1638.5	1638.5	1655.9	1699.2	1755.6	1855.3	1963.6	2050.3	2132.7	*2176.0*	2184.7
10°	1599.5	1603.9	1603.9	1634.2	1681.9	1781.6	1920.3	2093.7	2241.1	*2306.1*	2327.8
12.5°	1608.2	1612.5	1616.9	1647.2	1694.9	1781.6	1959.3	2184.7	2414.4	*2522.8*	2535.8
15°	1629.9	1638.5	1651.5	1690.5	1742.6	1855.3	2041.7	2314.7	2622.5	*2761.2*	2795.9
17.5°	1694.9	1699.2	1720.9	1764.2	1846.6	1959.3	2163.0	2483.8	2912.9	*3064.7*	3129.7
20°	1794.6	1803.2	1833.6	1894.3	1989.6	2132.7	2358.1	2704.9	3225.0	*3459.1*	3511.1
22.5°	1920.3	1920.3	1963.6	2059.0	2193.4	2353.8	2626.8	2999.6	3606.5	*3879.6*	3966.3
25°	2128.4	2124.0	2158.7	2267.1	2427.4	2661.5	2938.9	3350.7	4005.3	*4330.4*	4421.4
27.5°	2605.2	2592.2	2579.2	2583.5	2722.2	3021.3	3342.1	3792.9	4499.5	*4880.9*	4950.3
30°	3160.0	3177.4	3160.0	3116.7	3138.3	3415.8	3814.6	4334.7	5054.3	*5483.4*	5574.5
32.5°	3645.5	3654.2	3727.9	3775.6	3792.9	3922.9	4360.7	4989.3	5760.9	*6229.0*	6346.0
35°	4174.3	4187.4	4269.7	4369.4	4525.5	4642.5	5045.6	5747.9	6480.4	*7069.9*	7156.6
37.5°	4789.9	4811.6	4919.9	5063.0	5279.7	5548.5	5765.2	6437.1	7213.0	*7893.5*	7984.6
40°	5331.7	5401.1	5587.5	5769.5	5999.3	6302.7	6445.7	7039.6	7754.8	*8621.8*	8773.5
42.5°	5843.2	5882.2	6181.3	6463.1	6736.2	6983.3	7122.0	7512.1	8236.0	*9298.0*	9467.1
45°	6268.0	6298.4	6632.1	7004.9	7343.0	7590.1	7611.8	7971.6	8712.8	*10013.2*	10143.3
47.5°	6528.1	6575.8	7004.9	7429.7	7802.5	8032.3	7997.6	8556.8	9233.0	*10845.5*	10862.8
50°	6684.2	6714.5	7152.3	7702.8	8162.3	8322.7	8396.4	9115.9	9705.5	*11634.4*	11530.4
52.5°	6796.9	6844.5	7273.7	7858.9	8374.7	8591.4	8855.9	9744.5	10078.3	*12280.3*	12002.9
55°	*6445.7*	*6515.1*	*7256.3*	*7928.2*	*8556.8*	*8920.9*	*9441.0*	*10260.3*	*10121.6*	*12570.7*	*12063.6*
57.5°	6051.3	6064.3	6796.9	7906.6	8760.5	9267.7	9978.6	10299.3	9718.5	*12041.9*	11448.0
60°	5470.4	5548.5	6298.4	7624.8	8795.2	9545.1	10342.7	9826.8	8981.6	*11062.2*	10169.3
62.5°	3840.6	3961.9	4941.6	6883.6	8548.1	9696.8	10282.0	9003.2	8058.3	*9549.4*	8548.1
65°	2150.0	2254.1	3056.0	5552.8	7867.5	9662.1	9657.8	7902.2	6575.8	*6900.9*	6112.0
67.5°	1179.0	1261.4	1586.5	4178.7	6242.0	8920.9	8344.4	6029.6	4408.4	*4382.4*	3814.6
70°	823.6	827.9	1001.3	2821.9	4486.4	6224.7	6523.8	4044.3	2735.2	*2418.8*	2041.7
72.5°	403.1	407.5	498.5	1330.8	2743.9	3450.4	4473.4	2102.3	1534.5	*1200.7*	1023.0
75°	203.7	199.4	273.1	498.5	1135.7	1681.9	1972.3	1053.3	893.0	*658.9*	585.2
77.5°	130.0	134.4	160.4	273.1	511.5	654.5	606.9	572.2	524.5	*385.8*	333.8
80°	86.7	86.7	108.4	173.4	251.4	312.1	186.4	264.4	307.8	*225.4*	195.1
82.5°	26.0	26.0	65.0	95.4	121.4	125.7	82.4	121.4	173.4	*125.7*	95.4
85°	17.3	17.3	34.7	47.7	52.0	43.3	26.0	52.0	82.4	*56.4*	47.7
87.5°	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	*4.3*	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: P1502274
CATALOG NUMBER: GSS-SB4B-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0	2085.0
2.5°	2089.3	2093.7	2106.7	2111.0	2119.7	2124.0	2124.0	2124.0	2119.7	2124.0	2132.7
5°	2124.0	2145.7	2163.0	2158.7	2158.7	2137.0	2119.7	2085.0	2067.7	2063.3	2067.7
7.5°	2210.7	2228.1	2245.4	2219.4	2154.4	2054.7	1946.3	1859.6	1785.9	1751.2	1764.2
10°	2366.8	2388.4	2388.4	2267.1	2085.0	1850.9	1655.9	1495.5	1374.1	1309.1	1339.4
12.5°	2592.2	2609.5	2566.2	2310.4	1963.6	1577.8	1252.7	984.0	827.9	749.9	732.6
15°	2852.3	2878.3	2730.9	2301.7	1772.9	1179.0	780.3	585.2	528.8	511.5	515.8
17.5°	3186.0	3199.0	2912.9	2232.4	1443.5	771.6	554.8	498.5	485.5	476.8	476.8
20°	3597.8	3558.8	3060.3	2115.3	1053.3	606.9	511.5	468.2	455.1	450.8	455.1
22.5°	4040.0	3979.3	3181.7	1894.3	797.6	572.2	489.8	442.1	424.8	420.5	420.5
25°	4503.8	4365.1	3277.1	1569.2	745.6	563.5	463.8	403.1	385.8	377.1	377.1
27.5°	5032.6	4794.2	3329.1	1313.4	758.6	550.5	433.5	368.5	342.4	333.8	333.8
30°	5617.8	5271.0	3333.4	1261.4	784.6	533.2	403.1	329.4	303.4	290.4	294.8
32.5°	6328.7	5756.5	3320.4	1343.8	801.9	520.2	368.5	290.4	268.8	255.7	255.7
35°	7065.6	6346.0	3268.4	1499.8	810.6	481.2	325.1	255.7	229.7	225.4	229.7
37.5°	7798.2	6905.2	3194.7	1586.5	767.2	394.5	264.4	221.1	203.7	203.7	203.7
40°	8465.7	7390.7	3095.0	1512.8	611.2	286.1	216.7	190.7	182.1	177.7	182.1
42.5°	8964.2	7824.2	2912.9	1274.4	433.5	229.7	190.7	169.1	160.4	160.4	164.7
45°	9510.4	8240.3	2561.8	936.3	329.4	199.4	164.7	147.4	143.0	143.0	147.4
47.5°	10060.9	8574.1	2223.7	624.2	286.1	177.7	147.4	134.4	130.0	125.7	130.0
50°	10481.4	8734.5	1781.6	455.1	260.1	160.4	134.4	125.7	117.0	112.7	112.7
52.5°	10780.5	8691.1	1304.8	390.1	238.4	147.4	125.7	117.0	104.0	104.0	104.0
55°	*10598.4*	*8136.3*	*940.6*	*351.1*	*221.1*	*138.7*	*121.4*	*108.4*	*99.7*	*95.4*	*95.4*
57.5°	9714.1	6935.6	680.6	316.4	195.1	130.0	117.0	104.0	91.0	86.7	86.7
60°	8444.1	5401.1	507.2	277.4	169.1	125.7	104.0	99.7	86.7	78.0	78.0
62.5°	6900.9	3931.6	394.5	238.4	151.7	108.4	99.7	91.0	78.0	69.4	65.0
65°	4789.9	2509.8	303.4	195.1	143.0	95.4	91.0	78.0	65.0	52.0	52.0
67.5°	2956.3	1491.1	234.1	151.7	112.7	82.4	78.0	69.4	56.4	43.3	43.3
70°	1634.2	788.9	160.4	112.7	86.7	65.0	60.7	60.7	47.7	39.0	34.7
72.5°	784.6	429.1	108.4	95.4	65.0	43.3	47.7	47.7	39.0	30.3	30.3
75°	472.5	255.7	73.7	73.7	43.3	34.7	34.7	39.0	30.3	21.7	21.7
77.5°	268.8	151.7	43.3	56.4	30.3	21.7	26.0	21.7	17.3	13.0	13.0
80°	151.7	86.7	26.0	39.0	17.3	13.0	13.0	8.7	8.7	4.3	4.3
82.5°	73.7	47.7	13.0	13.0	8.7	4.3	4.3	4.3	4.3	0.0	0.0
85°	34.7	8.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	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: SP1-2407-184-8

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

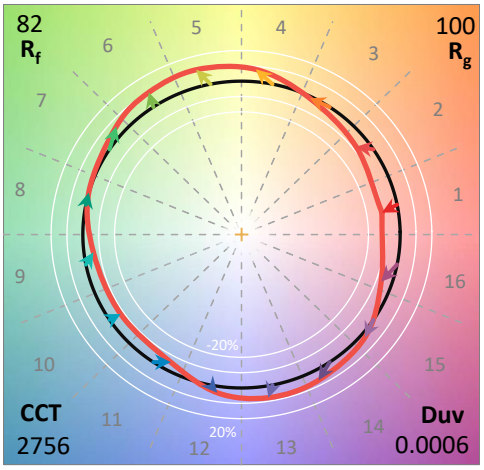
Test Information

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

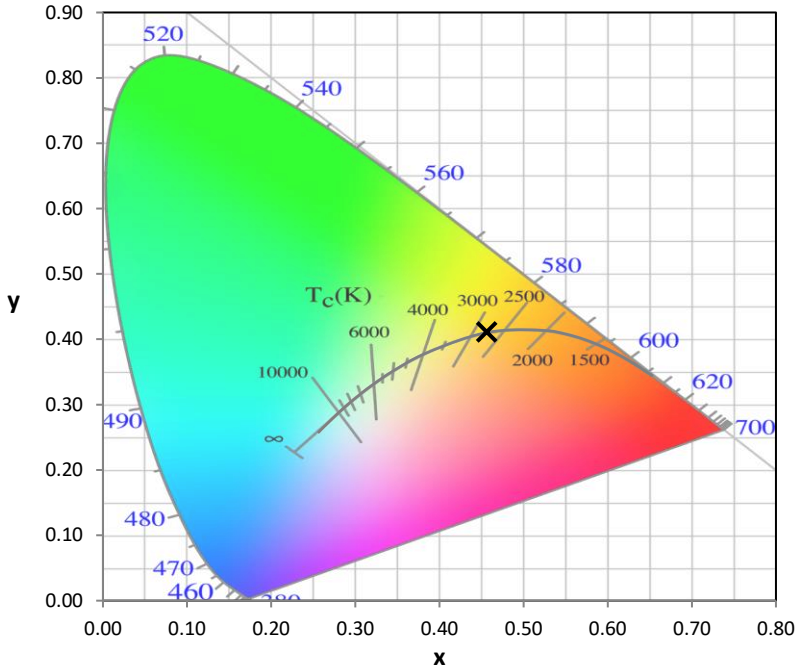
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

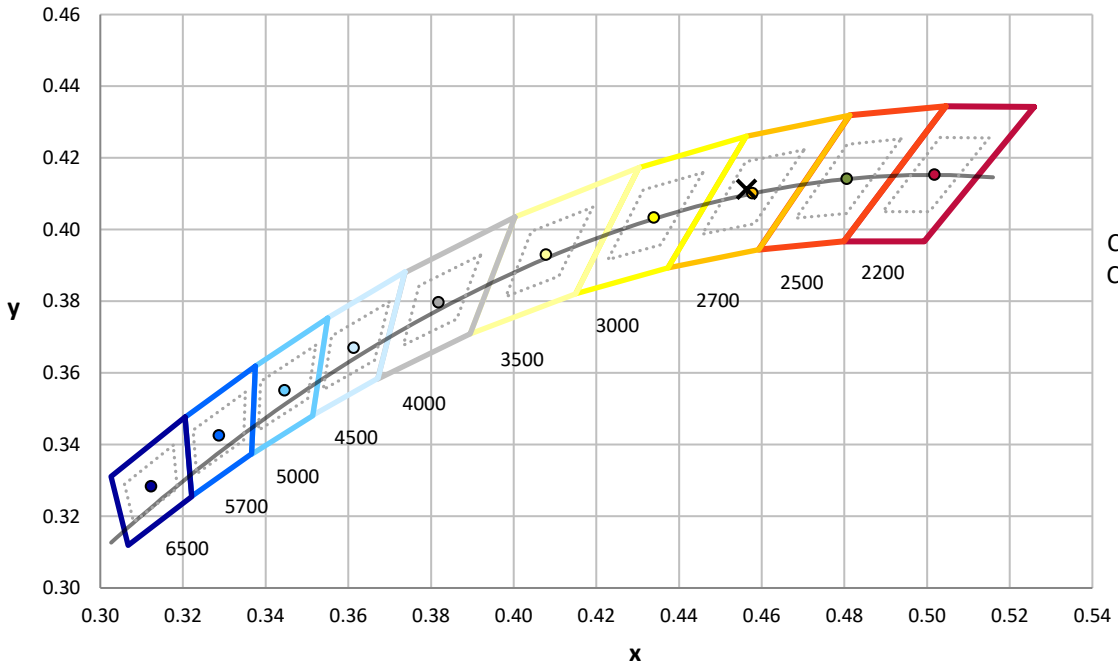
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

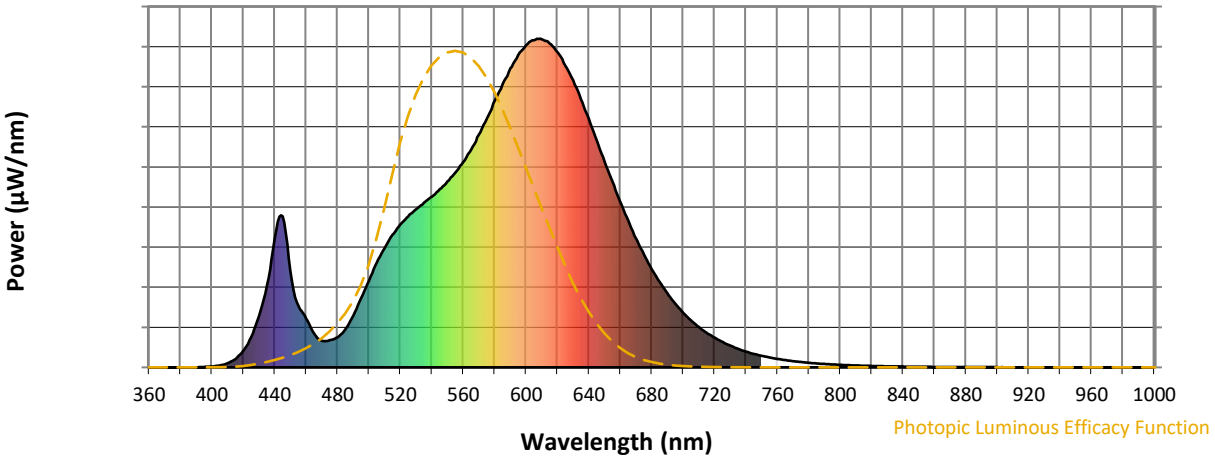


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

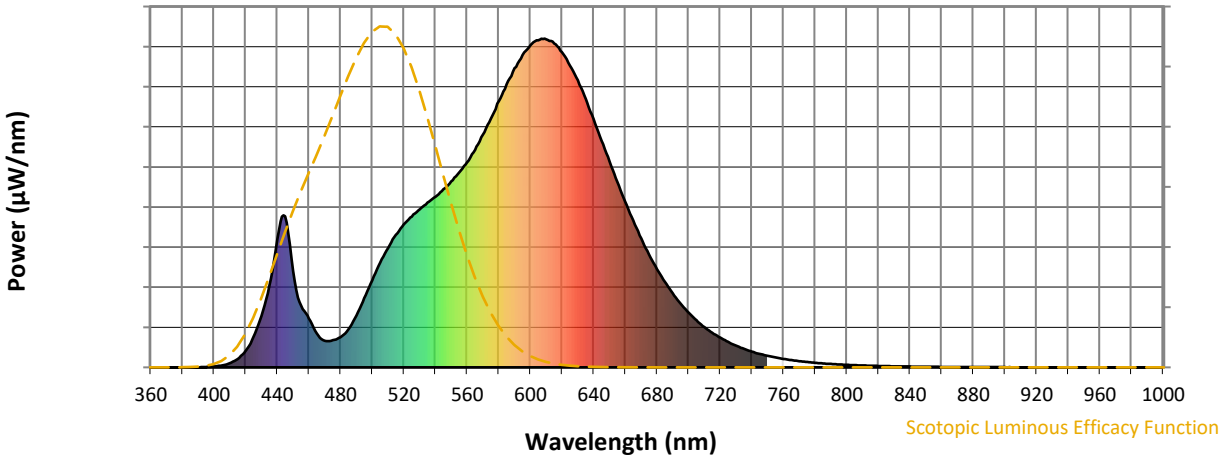


Photopic Lumens: NR

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

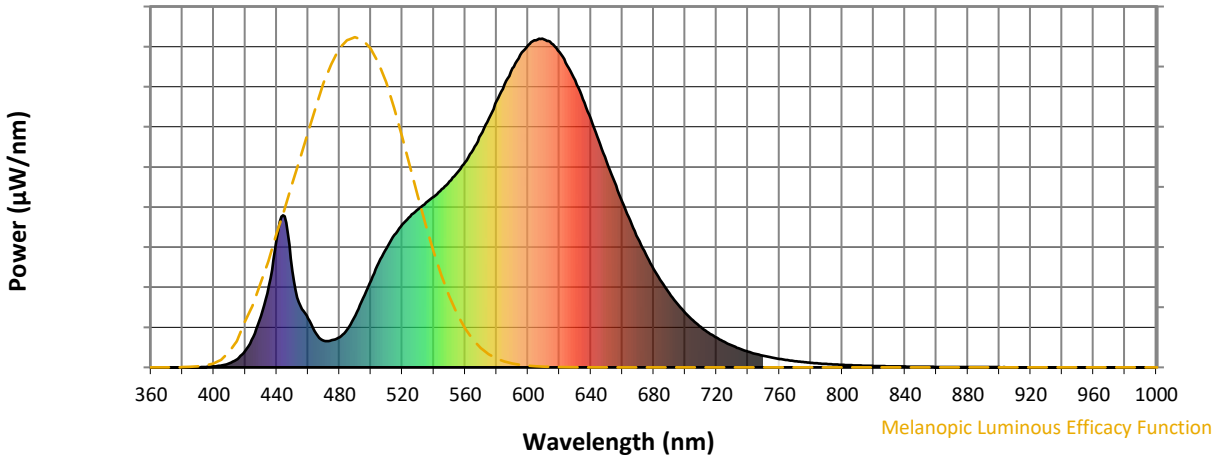


Scotopic Lumens: NR **S/P: 1.2**

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			

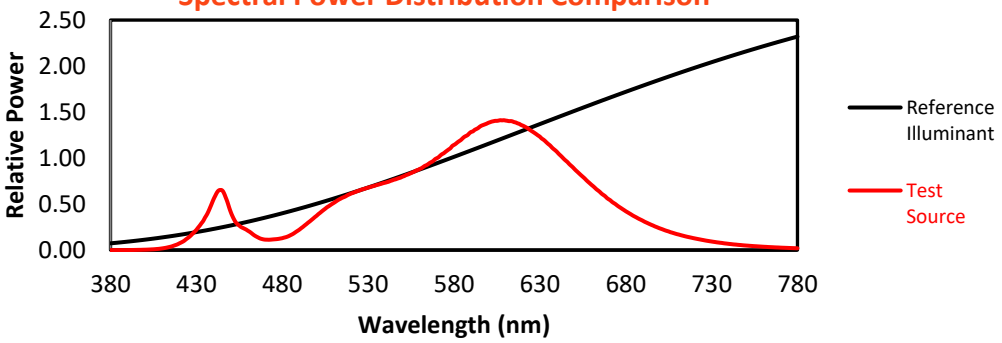
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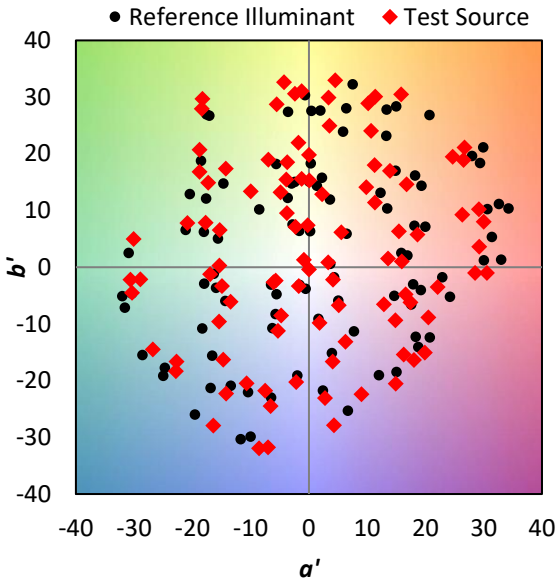
Summary

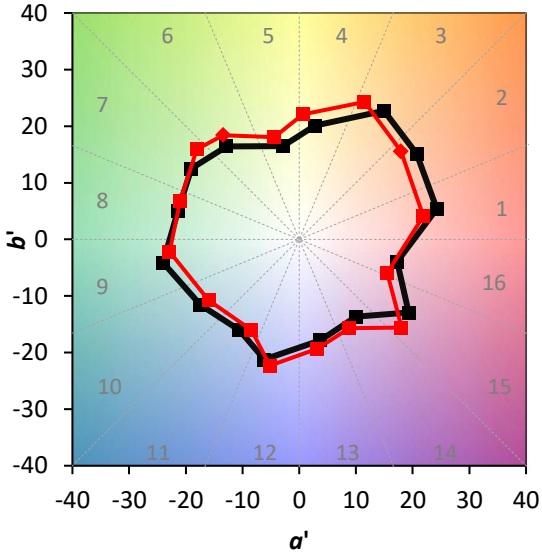
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

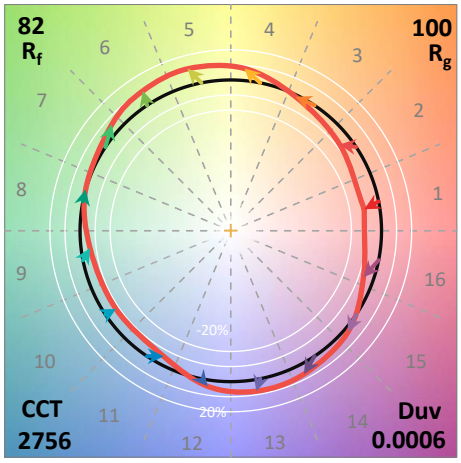
Spectral Power Distribution Comparison

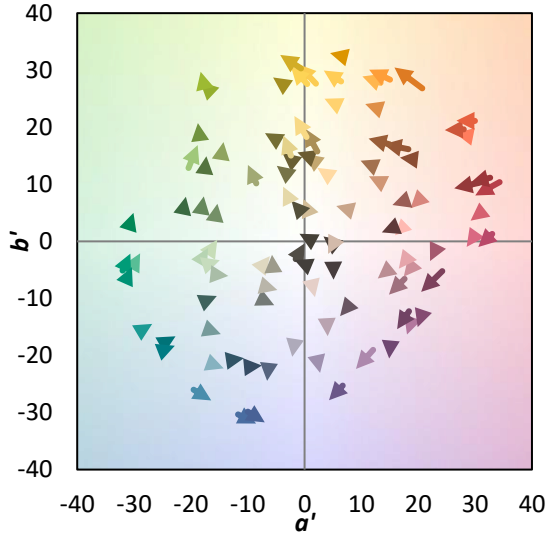


Color Vector Graphics







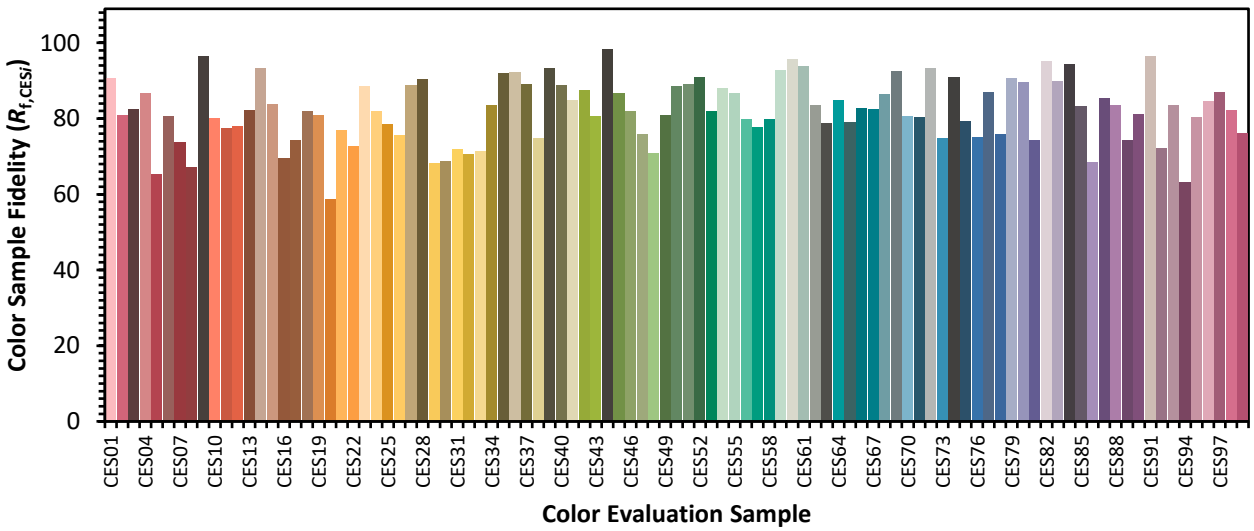


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Individual Sample Fidelity Index ($R_{f,i}$)

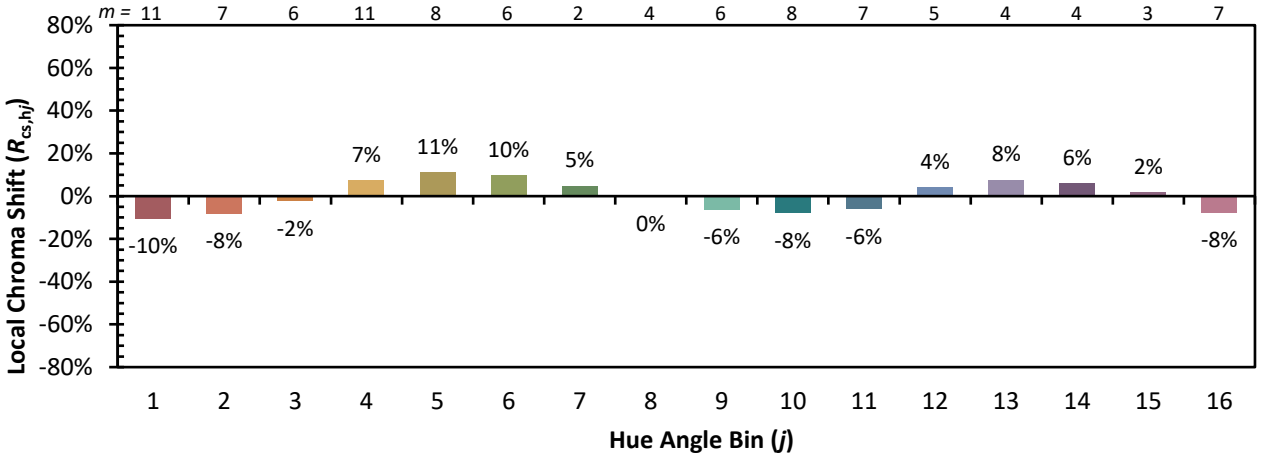
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

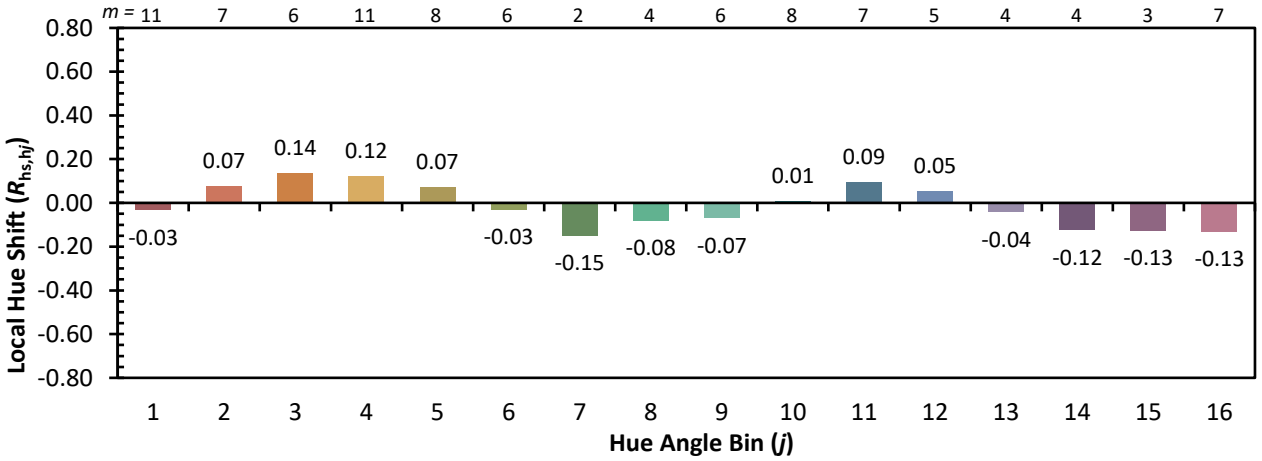


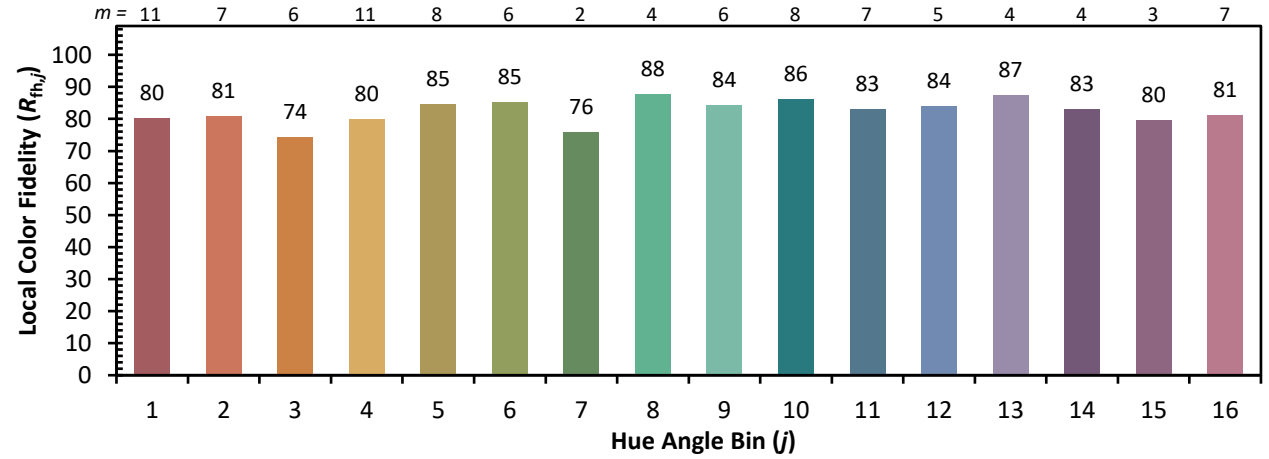
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Color Rendition by Hue-Angle Bin



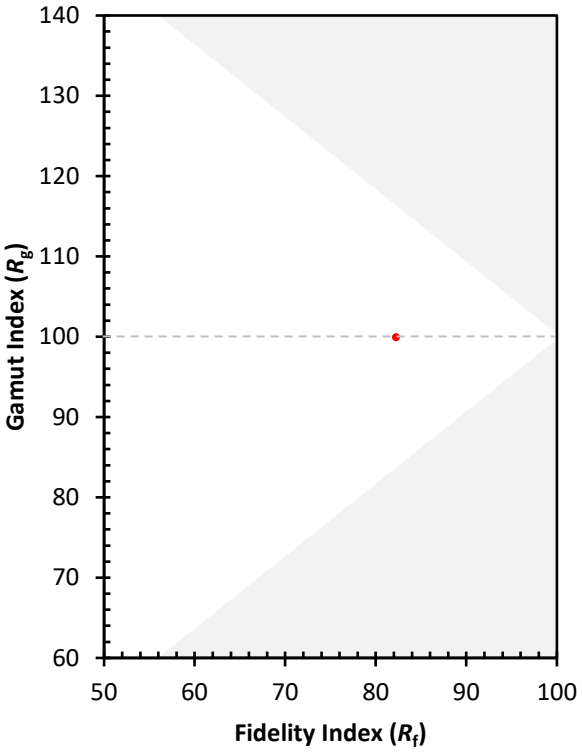


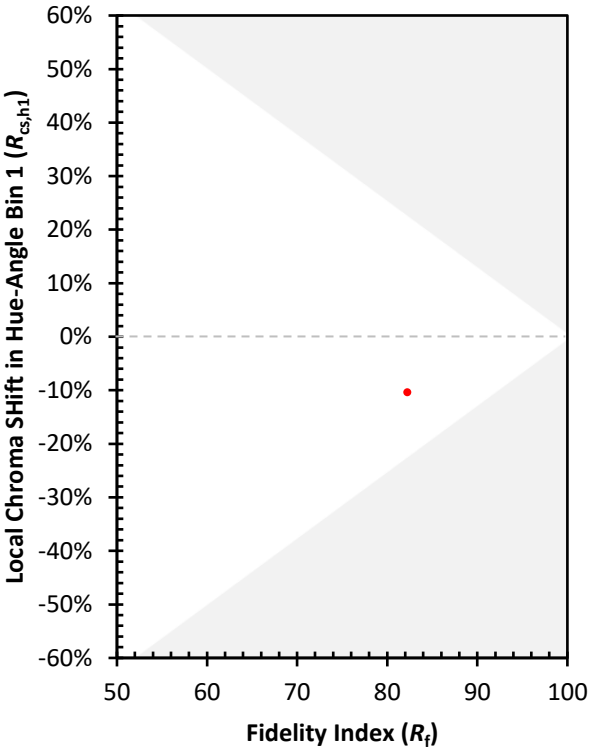


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Measure Comparisons





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