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: P1502659

Luminaire Tested: GSS-SB4C-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:	P1502659
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 2700K FIXTURE w/ TYPE IV 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:	20285.3 lumens
Efficiency:	N/A
Efficacy:	99.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

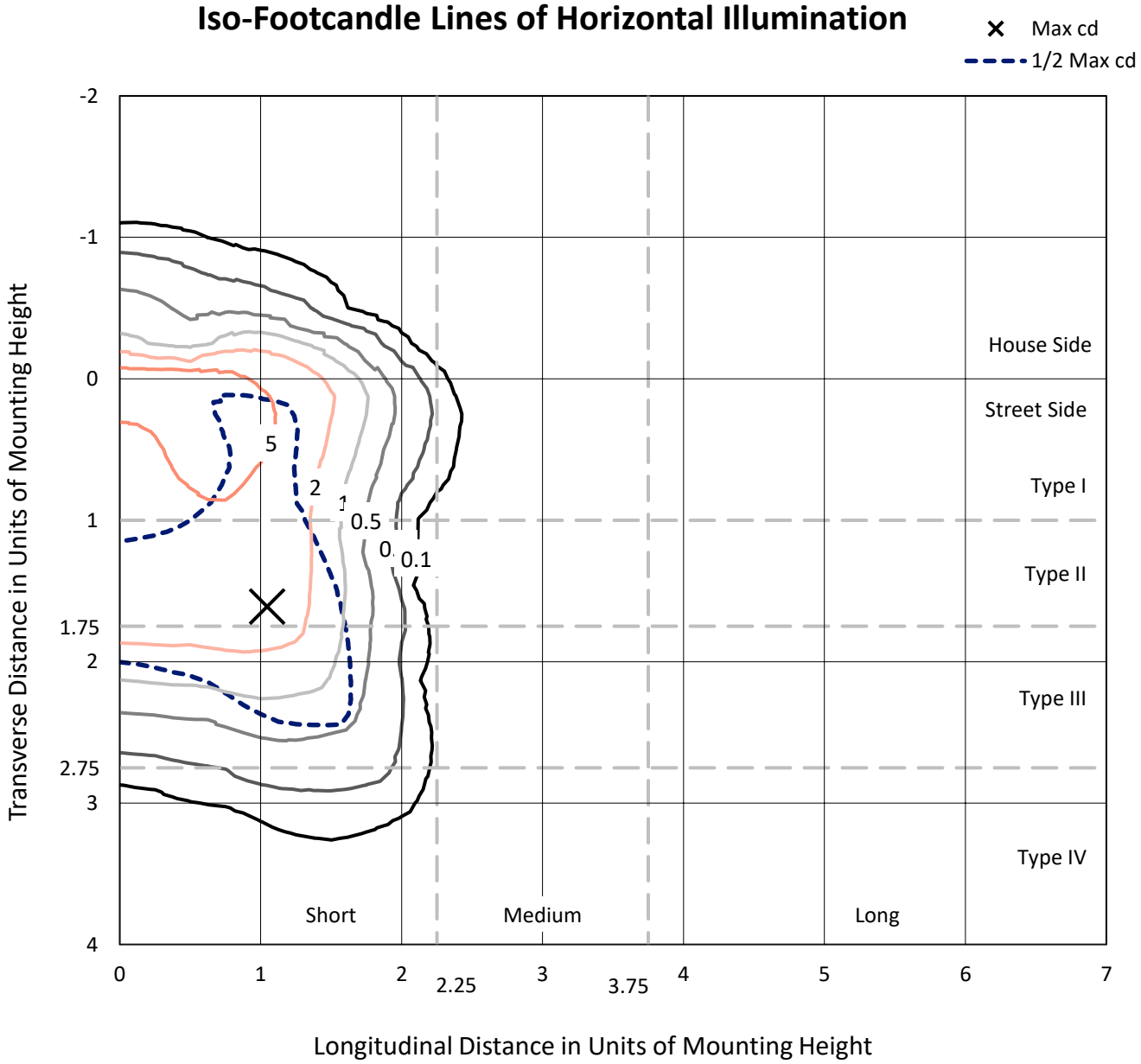
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502659
CATALOG NUMBER: GSS-SB4C-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



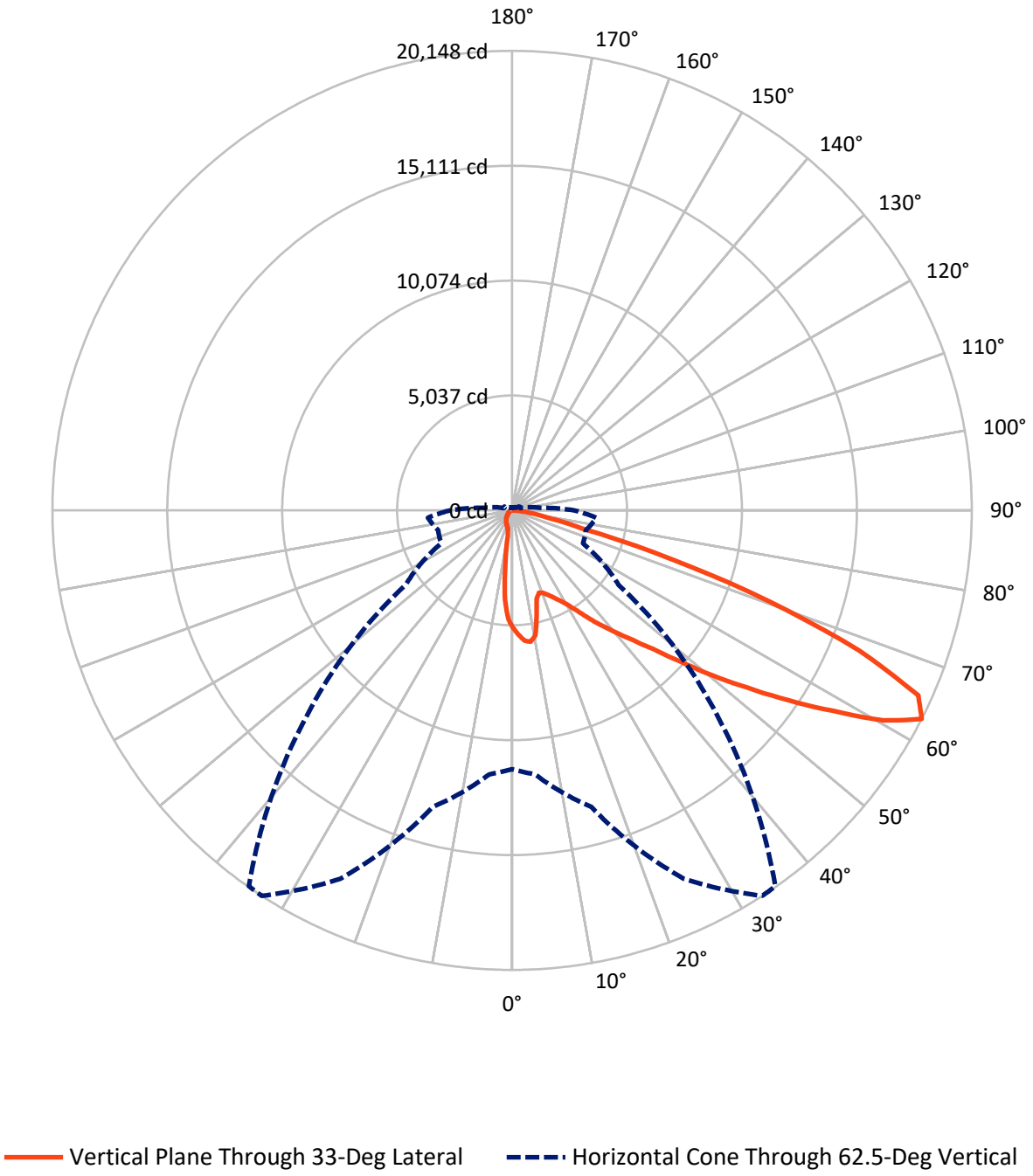
Based on 25 foot mounting height. Maximum calculated value = 9.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502659
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Luminous Intensity Polar Plot



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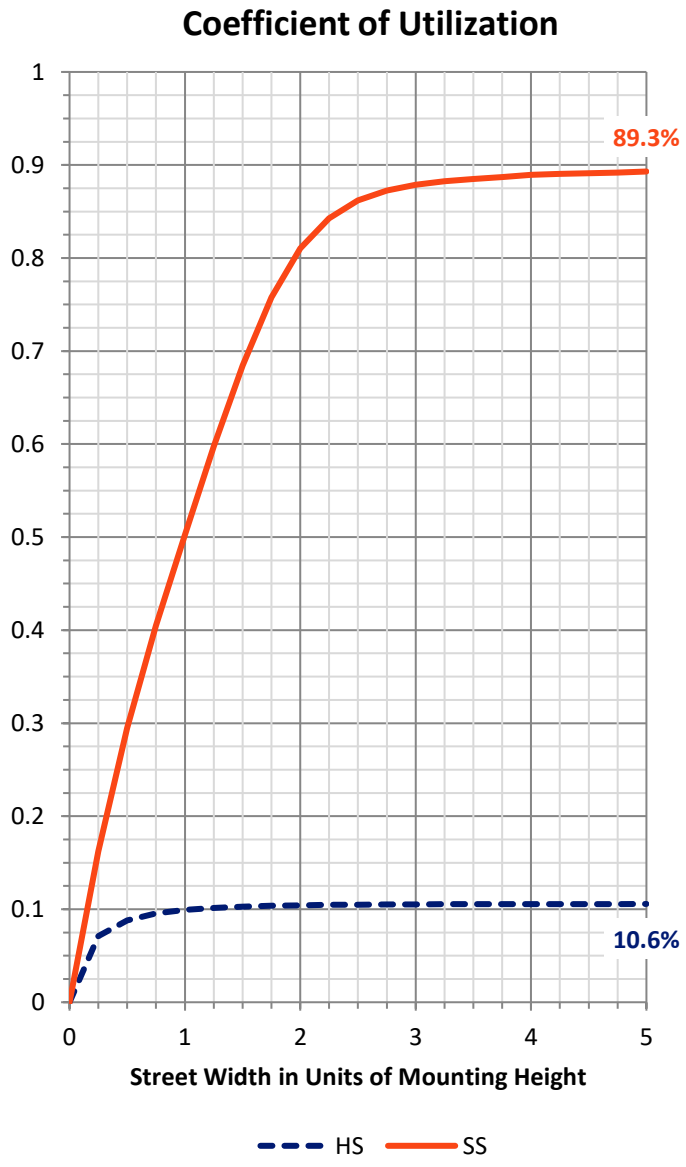
REPORT NUMBER: P1502659
CATALOG NUMBER: GSS-SB4C-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2158.5	0.0	2158.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	18126.8	0.0	18126.8
	% Fixture	89.4	0.0	89.4
Total	Lumens	20285.3	0.0	20285.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	438.1	2.2
10°-20°	977.6	4.8
20°-30°	1575.6	7.8
30°-40°	2621.1	12.9
40°-50°	4142.7	20.4
50°-60°	5565.6	27.4
60°-70°	4085.8	20.1
70°-80°	808.6	4.0
80°-90°	70.3	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°	20285.3	100.0
0°-180°	20285.3	100.0



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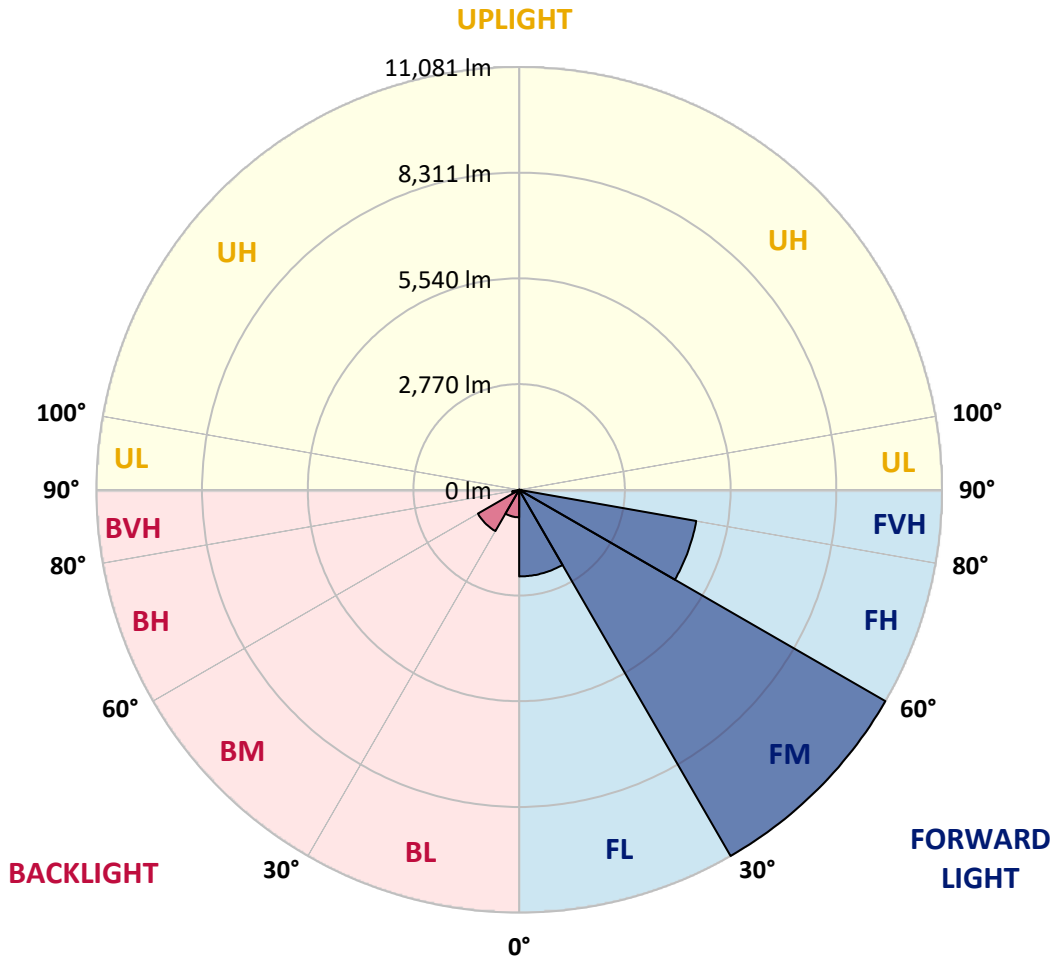
Scaled Data Report

REPORT NUMBER: P1502659
CATALOG NUMBER: GSS-SB4C-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°)	2271.0	11.2			
FM	(30°-60°)	11080.8	54.6			
FH	(60°-80°)	4710.0	23.2			G2/5000
FVH	(80°-90°)	65.0	0.3			G1/100
BL	(0°-30°)	720.2	3.6	B2/1000		
BM	(30°-60°)	1248.6	6.2	B2/2500		
BH	(60°-80°)	184.4	0.9	B1/500		G1/500
BVH	(80°-90°)	5.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7
2.5°	5489.7	5512.6	5512.6	5466.9	5455.5	5432.6	5409.8	5404.0	5329.8	5272.7	5215.5
5°	5769.6	5763.9	5758.2	5735.4	5741.1	5712.5	5695.4	5666.8	5541.1	5455.5	5301.2
7.5°	5649.7	5701.1	5723.9	5786.8	5815.3	5809.6	5855.3	5866.8	5758.2	5638.3	5404.0
10°	4867.1	4838.5	5044.2	5312.6	5581.1	5644.0	5889.6	6021.0	5981.0	5872.5	5569.7
12.5°	3855.9	3884.5	4027.3	4341.5	4781.4	4918.5	5626.8	6146.7	6260.9	6192.4	5798.2
15°	3530.3	3530.3	3604.6	3753.1	4015.9	4147.3	5021.3	6129.5	6558.0	6563.7	6083.8
17.5°	3461.8	3473.2	3536.0	3633.2	3804.5	3861.7	4472.9	5878.2	6849.3	6952.1	6403.7
20°	3473.2	3490.3	3558.9	3696.0	3861.7	3930.2	4330.1	5558.3	7094.9	7374.9	6740.8
22.5°	3513.2	3507.5	3627.4	3810.2	4021.6	4084.5	4450.1	5426.9	7300.6	7860.4	7134.9
25°	3558.9	3564.6	3718.8	3975.9	4233.0	4307.2	4718.5	5546.9	7449.1	8380.3	7534.8
27.5°	3696.0	3713.1	3901.7	4181.6	4484.3	4581.4	5067.0	5861.0	7706.2	8883.0	7969.0
30°	3907.4	3924.5	4141.6	4478.6	4804.2	4952.8	5501.2	6255.2	8088.9	9465.6	8414.5
32.5°	4153.0	4175.9	4455.8	4844.2	5238.4	5381.2	5998.1	6855.0	8597.3	10059.7	8877.3
35°	4461.5	4524.3	4827.1	5289.8	5821.1	5958.2	6609.4	7534.8	9260.0	10591.0	9271.4
37.5°	4884.2	4935.6	5306.9	5883.9	6420.9	6603.7	7294.9	8248.9	9859.8	11065.1	9591.3
40°	5398.3	5444.0	5861.0	6489.4	7049.2	7203.5	8014.7	8968.7	10505.3	11327.9	9659.9
42.5°	6255.2	6380.9	6643.7	7174.9	7774.7	7969.0	8814.4	9665.6	10973.7	11379.3	9551.3
45°	7751.9	7791.9	7849.0	8100.4	8677.3	8848.7	9659.9	10271.1	11253.7	11390.8	9454.2
47.5°	9185.7	9322.8	9402.8	9517.1	9865.5	9928.4	10545.3	10813.8	11476.4	11350.8	9454.2
50°	10619.6	10722.4	10859.5	10996.6	11367.9	11390.8	11482.2	11179.4	11487.9	11025.2	9397.1
52.5°	11922.0	11956.3	12190.5	12453.3	12916.0	13041.7	12350.5	11447.9	10796.7	9996.9	9128.6
55°	13087.4	13133.1	13487.3	14024.2	14686.9	14852.5	13413.0	10928.0	9317.1	8665.9	8505.9
57.5°	13841.4	13950.0	14658.3	15840.8	16589.2	16514.9	14235.6	9711.3	7483.4	7089.2	7403.4
60°	13464.4	13612.9	15103.9	17366.1	18697.1	18480.0	14007.1	7991.8	5529.7	5244.1	5861.0
62.5°	11345.1	11619.3	13464.4	17817.3	20148.1	20113.8	12716.1	5701.1	3427.5	3353.2	3701.7
65°	7889.0	8363.1	10551.0	16309.2	19565.4	19616.8	10705.3	3319.0	1588.1	1970.8	2165.0
67.5°	4650.0	4987.0	6797.9	13315.9	16417.8	15943.6	7277.7	1536.7	794.0	1199.6	1148.2
70°	2045.1	2273.6	3895.9	9225.7	11962.0	11196.5	3553.2	748.3	605.5	725.5	634.1
72.5°	1125.4	1228.2	2050.8	4872.8	7277.7	6917.9	1199.6	497.0	519.8	542.7	457.0
75°	628.4	674.1	1079.7	2816.3	3199.0	2976.2	582.7	325.6	439.9	439.9	337.0
77.5°	365.6	405.6	674.1	1753.7	1753.7	1416.7	354.2	205.7	331.3	297.1	182.8
80°	171.4	194.2	371.3	971.1	1108.2	914.0	199.9	142.8	217.1	188.5	120.0
82.5°	51.4	62.8	182.8	377.0	628.4	537.0	102.8	91.4	160.0	120.0	68.6
85°	34.3	40.0	91.4	154.2	308.5	268.5	34.3	28.6	68.6	57.1	28.6
87.5°	5.7	5.7	11.4	11.4	11.4	11.4	5.7	5.7	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

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CATALOG NUMBER: GSS-SB4C-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7	5152.7
2.5°	5181.3	5141.3	5049.9	4964.2	4918.5	4815.7	4775.7	4730.0	4707.1	4701.4	4667.1
5°	5204.1	5129.8	4901.3	4672.8	4432.9	4204.4	3970.2	3764.5	3598.9	3604.6	3610.3
7.5°	5272.7	5124.1	4724.3	4267.3	3753.1	3159.0	2524.9	2050.8	1748.0	1685.2	1628.1
10°	5364.1	5147.0	4507.2	3661.7	2650.6	1668.1	1176.8	1005.4	931.1	914.0	919.7
12.5°	5535.4	5204.1	4233.0	2827.7	1468.1	959.7	851.2	822.6	811.2	811.2	811.2
15°	5746.8	5284.1	3804.5	1850.9	959.7	799.8	776.9	771.2	759.8	759.8	765.5
17.5°	5923.9	5284.1	3239.0	1205.3	788.3	742.6	725.5	719.8	719.8	725.5	719.8
20°	6118.1	5244.1	2604.9	908.3	731.2	691.2	679.8	679.8	679.8	685.5	685.5
22.5°	6318.0	5175.5	2016.5	776.9	679.8	645.5	639.8	645.5	651.2	656.9	656.9
25°	6540.8	5089.9	1593.8	719.8	634.1	605.5	605.5	605.5	611.2	622.7	628.4
27.5°	6786.5	5015.6	1365.3	685.5	594.1	565.5	565.5	571.3	582.7	588.4	594.1
30°	7015.0	5015.6	1291.0	702.6	577.0	542.7	531.3	537.0	548.4	559.8	559.8
32.5°	7300.6	5072.7	1331.0	776.9	571.3	508.4	497.0	497.0	508.4	514.1	514.1
35°	7540.5	5181.3	1468.1	879.7	594.1	479.9	457.0	451.3	462.7	457.0	462.7
37.5°	7734.8	5329.8	1719.5	1016.8	639.8	445.6	417.0	399.9	399.9	399.9	399.9
40°	7791.9	5478.3	2039.4	1108.2	634.1	405.6	365.6	348.5	342.8	337.0	337.0
42.5°	7711.9	5546.9	2296.4	1102.5	565.5	377.0	325.6	302.8	285.6	279.9	279.9
45°	7649.1	5581.1	2387.8	959.7	514.1	342.8	291.3	262.8	245.6	239.9	234.2
47.5°	7654.8	5615.4	2250.7	782.6	468.4	314.2	262.8	234.2	217.1	211.4	205.7
50°	7677.6	5558.3	1908.0	651.2	428.4	285.6	234.2	211.4	194.2	188.5	182.8
52.5°	7437.7	5255.5	1342.4	571.3	394.2	268.5	211.4	194.2	177.1	171.4	171.4
55°	6809.3	4530.0	908.3	508.4	365.6	245.6	194.2	182.8	165.7	154.2	154.2
57.5°	5803.9	3416.1	628.4	462.7	319.9	222.8	182.8	165.7	148.5	137.1	137.1
60°	4438.6	2227.9	457.0	422.7	262.8	205.7	171.4	160.0	137.1	125.7	120.0
62.5°	*2702.0*	*1251.0*	*371.3*	*371.3*	*222.8*	*194.2*	*154.2*	*142.8*	*120.0*	*102.8*	*97.1*
65°	1565.2	736.9	302.8	314.2	194.2	177.1	137.1	120.0	97.1	80.0	74.3
67.5°	754.1	428.4	239.9	222.8	171.4	148.5	120.0	102.8	85.7	68.6	62.8
70°	462.7	331.3	182.8	160.0	137.1	114.3	97.1	91.4	74.3	57.1	57.1
72.5°	377.0	268.5	142.8	114.3	102.8	80.0	80.0	74.3	57.1	45.7	40.0
75°	297.1	199.9	108.5	80.0	62.8	62.8	57.1	51.4	45.7	34.3	34.3
77.5°	160.0	137.1	80.0	45.7	34.3	40.0	40.0	34.3	28.6	22.9	22.9
80°	102.8	80.0	45.7	22.9	22.9	22.9	22.9	17.1	17.1	11.4	11.4
82.5°	51.4	40.0	22.9	5.7	11.4	11.4	11.4	11.4	11.4	5.7	5.7
85°	11.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
87.5°	0.0	0.0	0.0	0.0	0.0	5.7	5.7	5.7	5.7	5.7	5.7
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

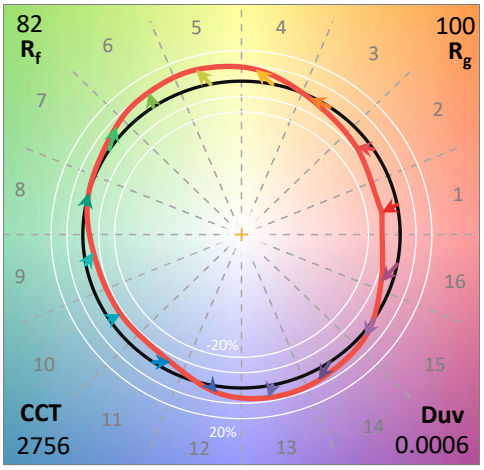
Test Information

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

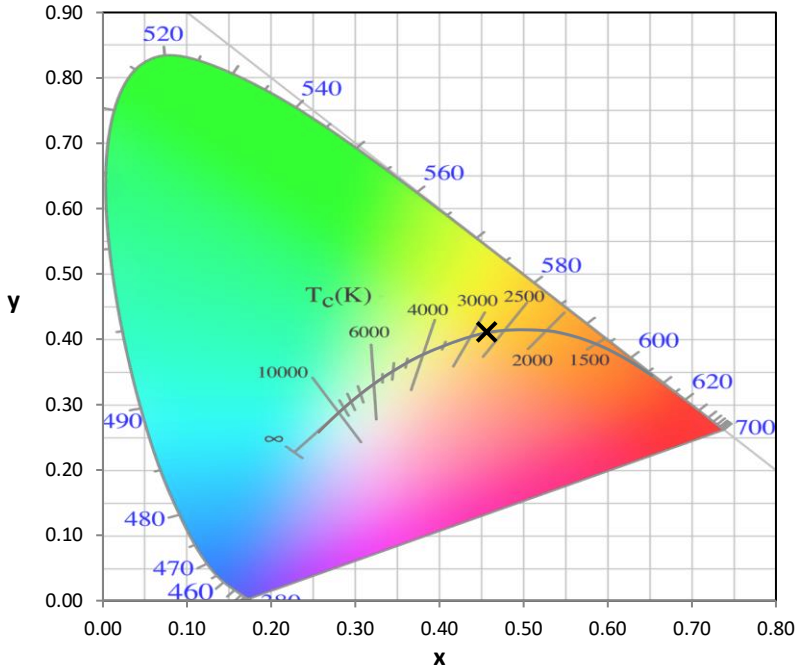
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

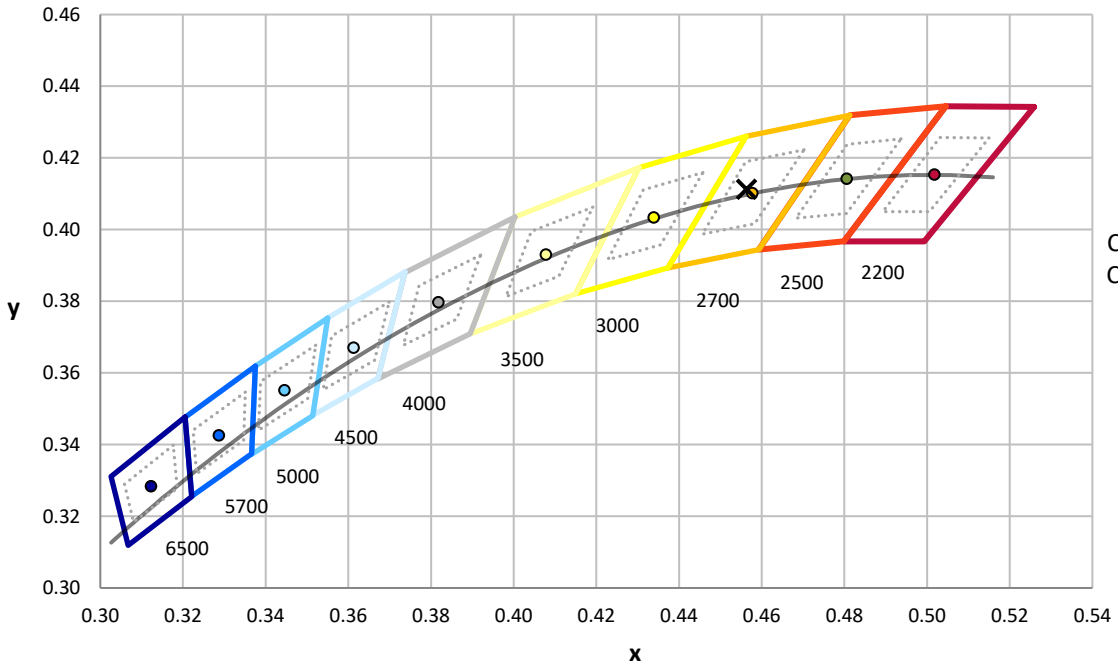
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

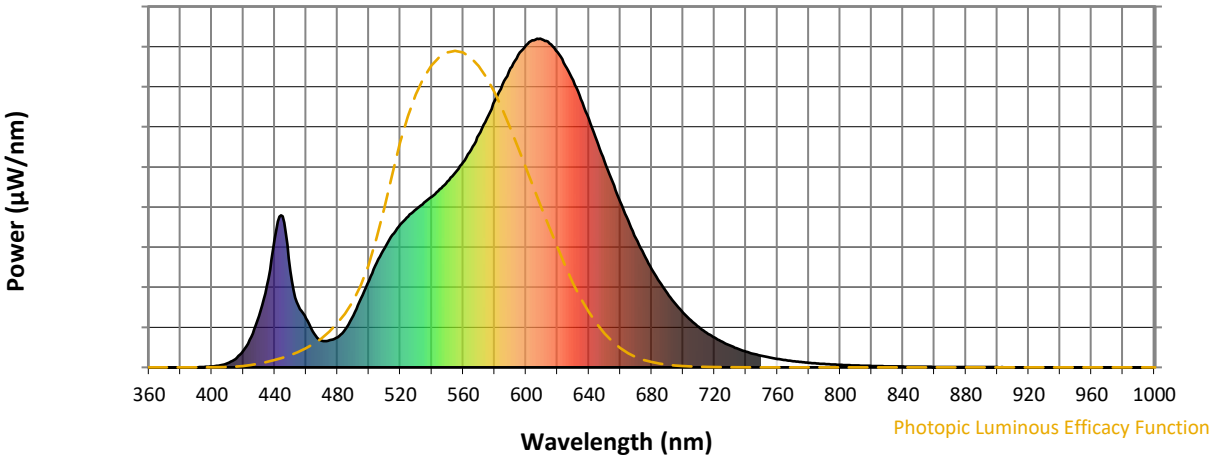


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

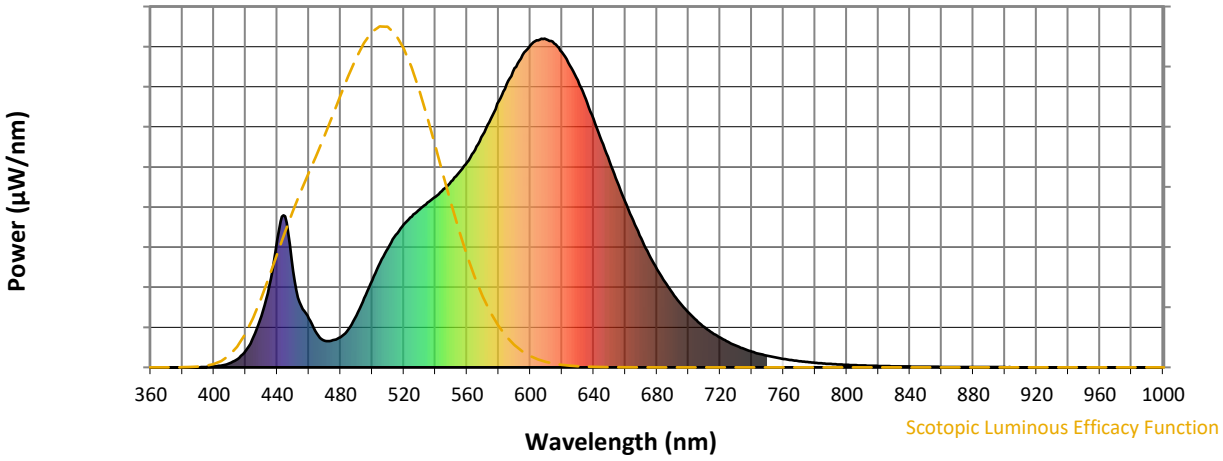


Photopic Lumens: NR

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

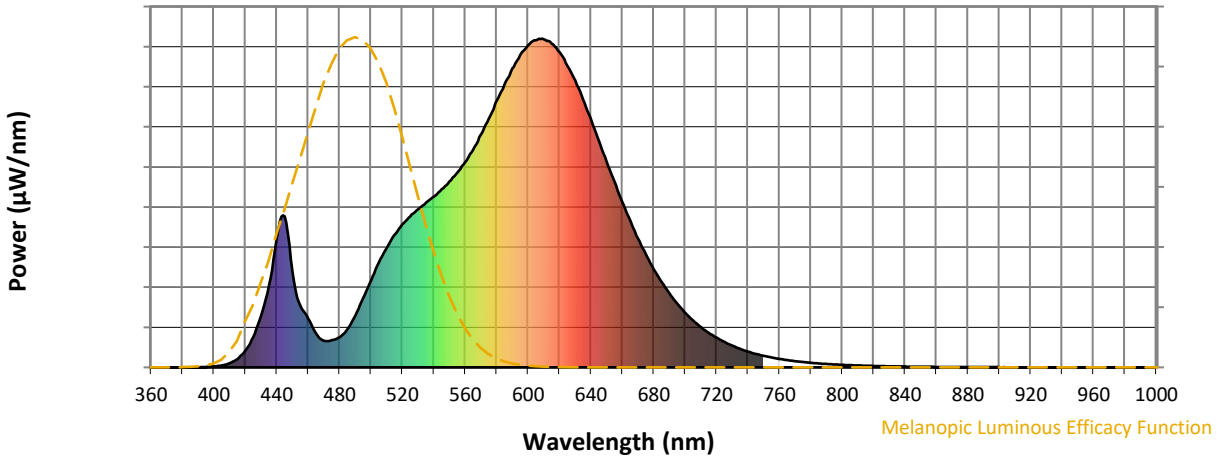


Scotopic Lumens: NR **S/P: 1.2**

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			

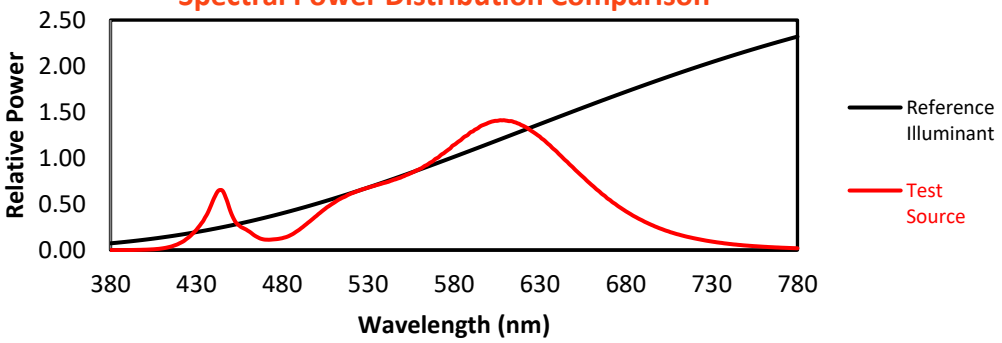
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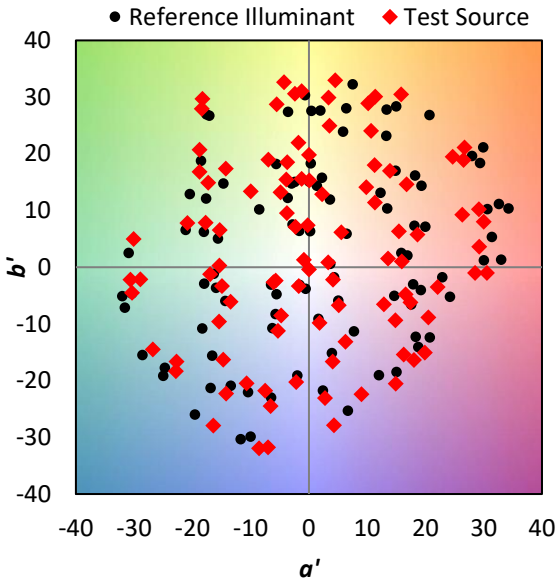
Summary

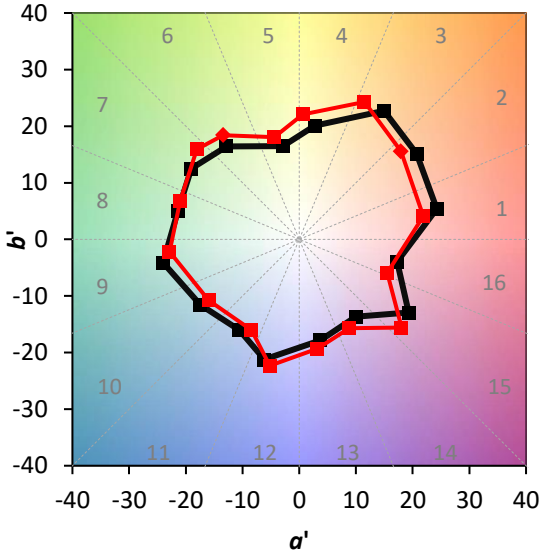
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

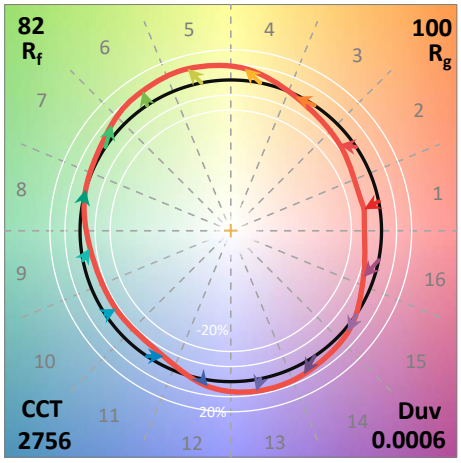
Spectral Power Distribution Comparison

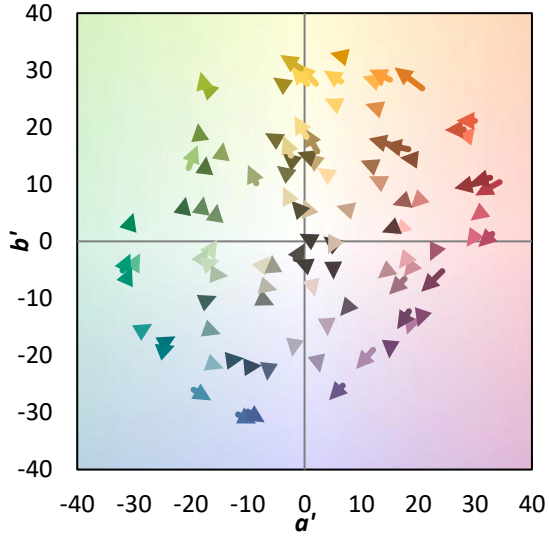


Color Vector Graphics







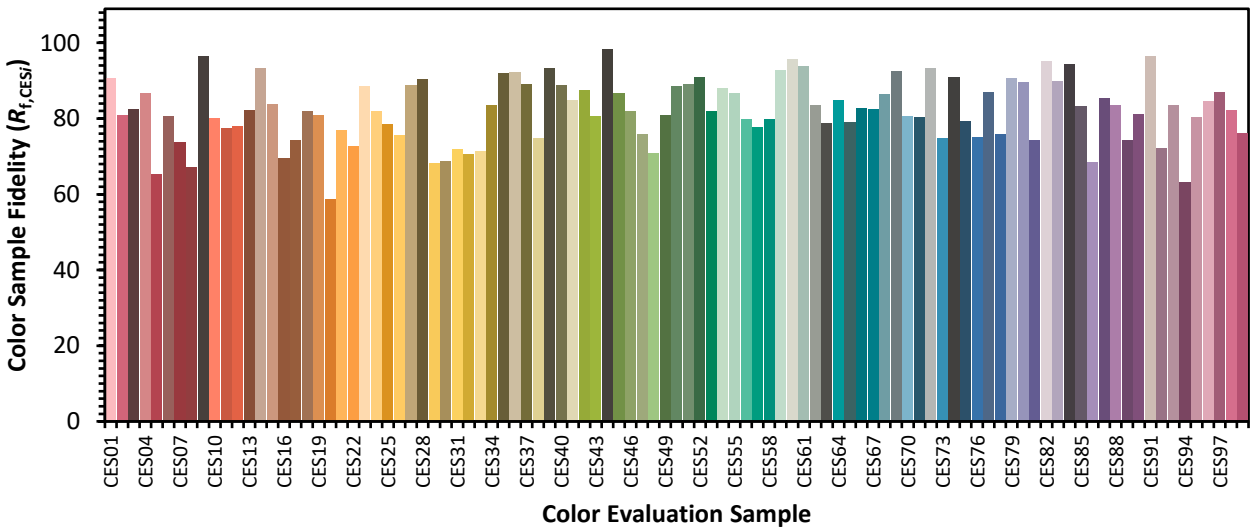


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Individual Sample Fidelity Index ($R_{f,i}$)

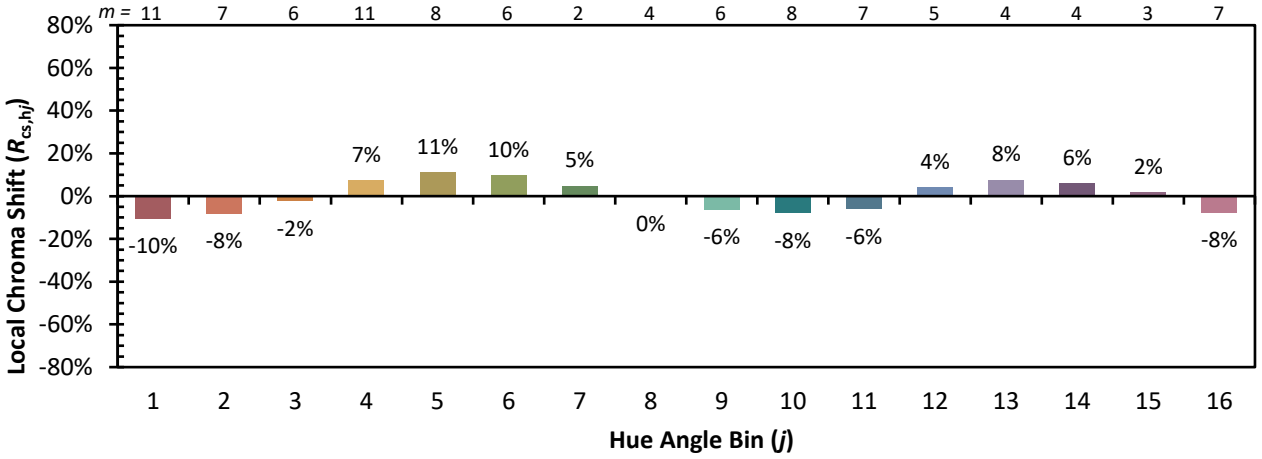
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

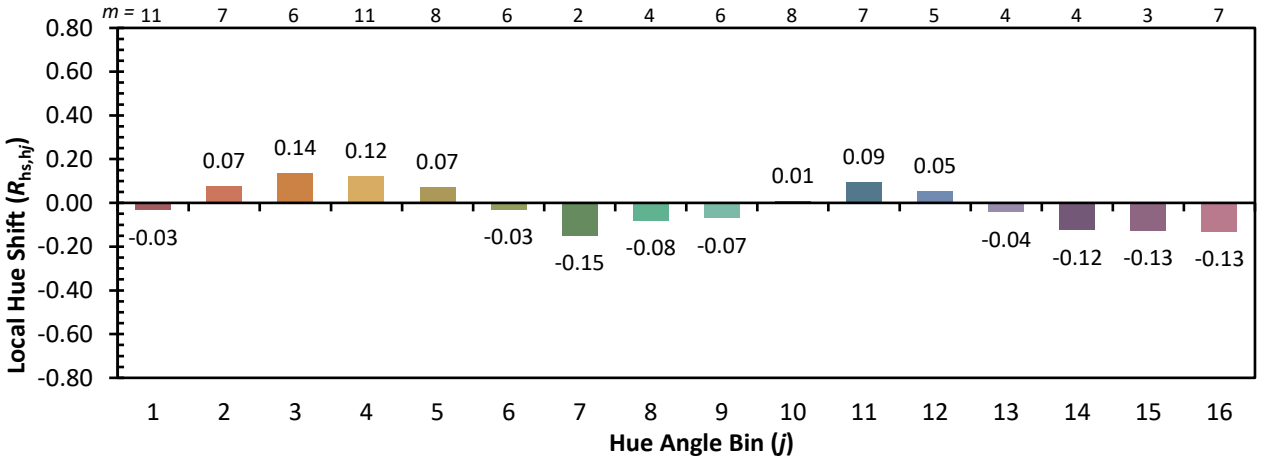


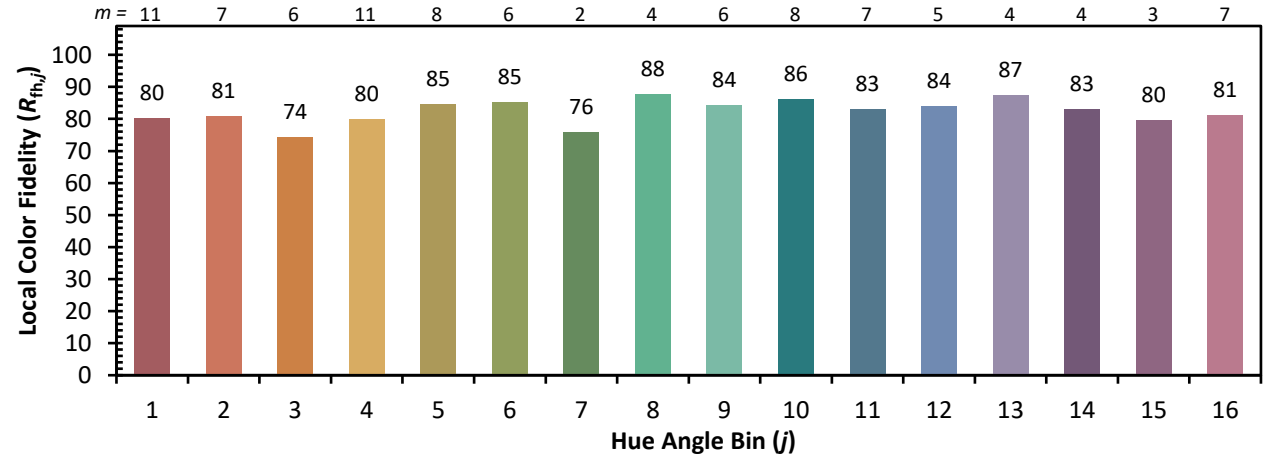
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Color Rendition by Hue-Angle Bin



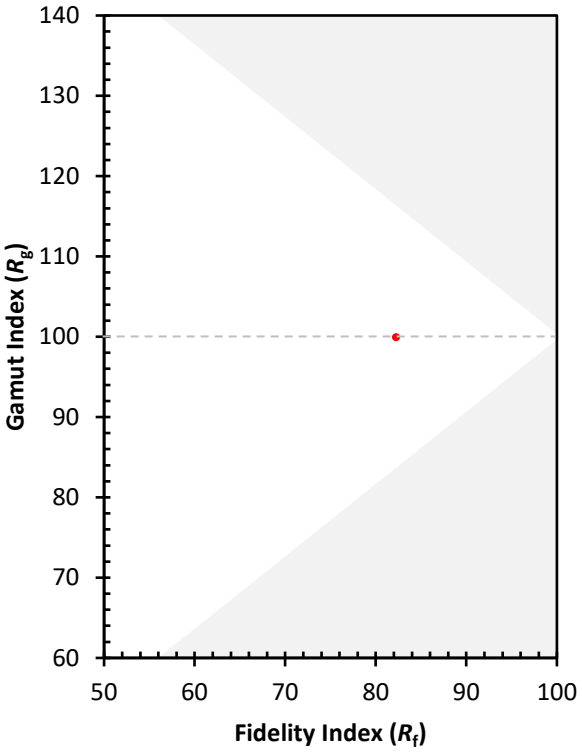


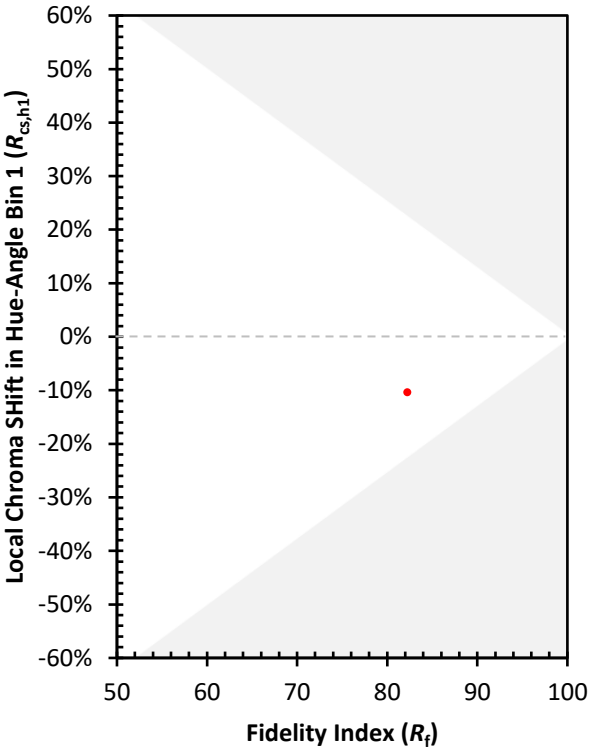


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Measure Comparisons





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