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: P1500741

Luminaire Tested: GSS-SB5A-827-U-T4LG

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:	P1500741
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18969.9 lumens
Efficiency:	N/A
Efficacy:	132.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

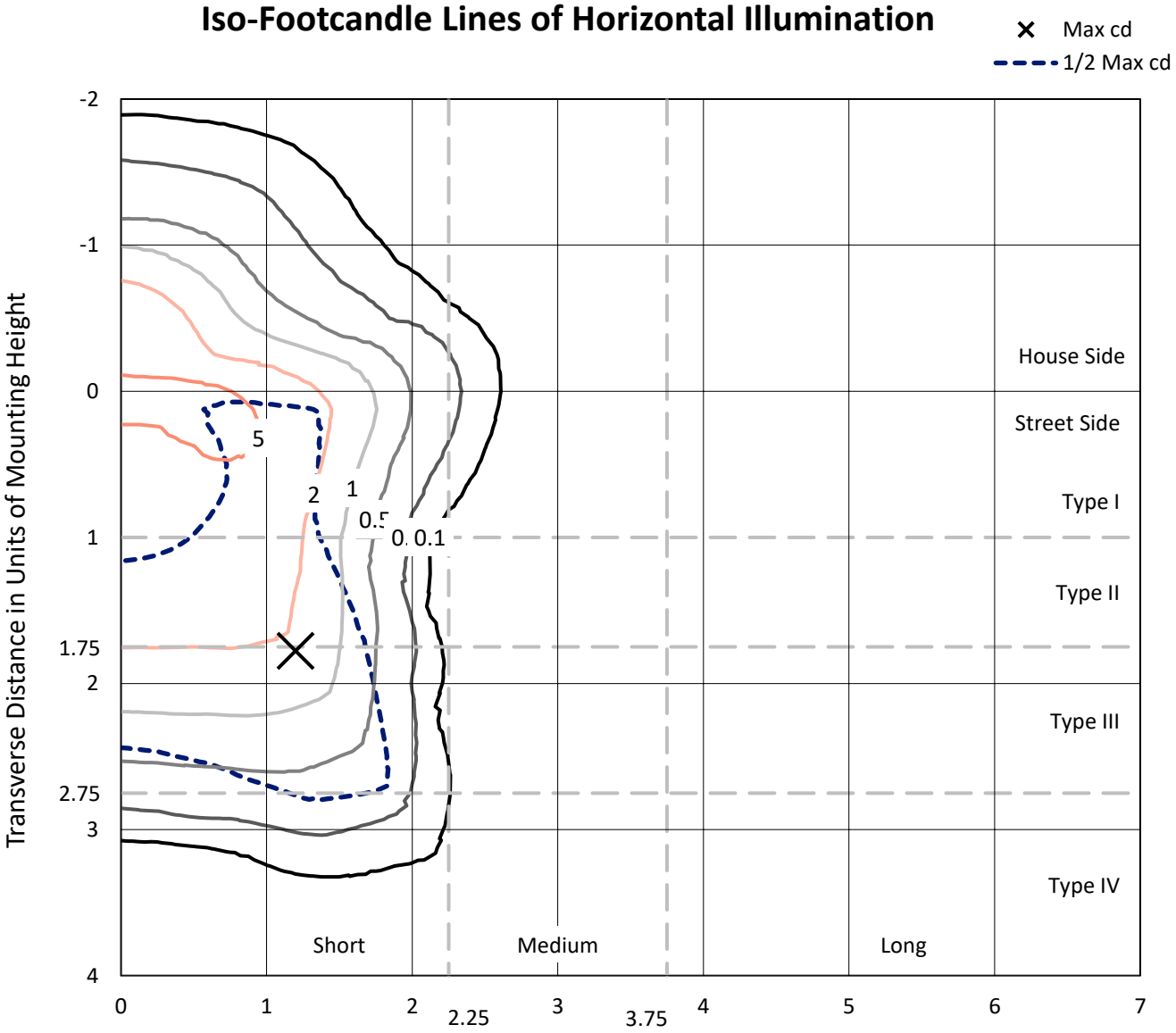
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500741
CATALOG NUMBER: GSS-SB5A-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



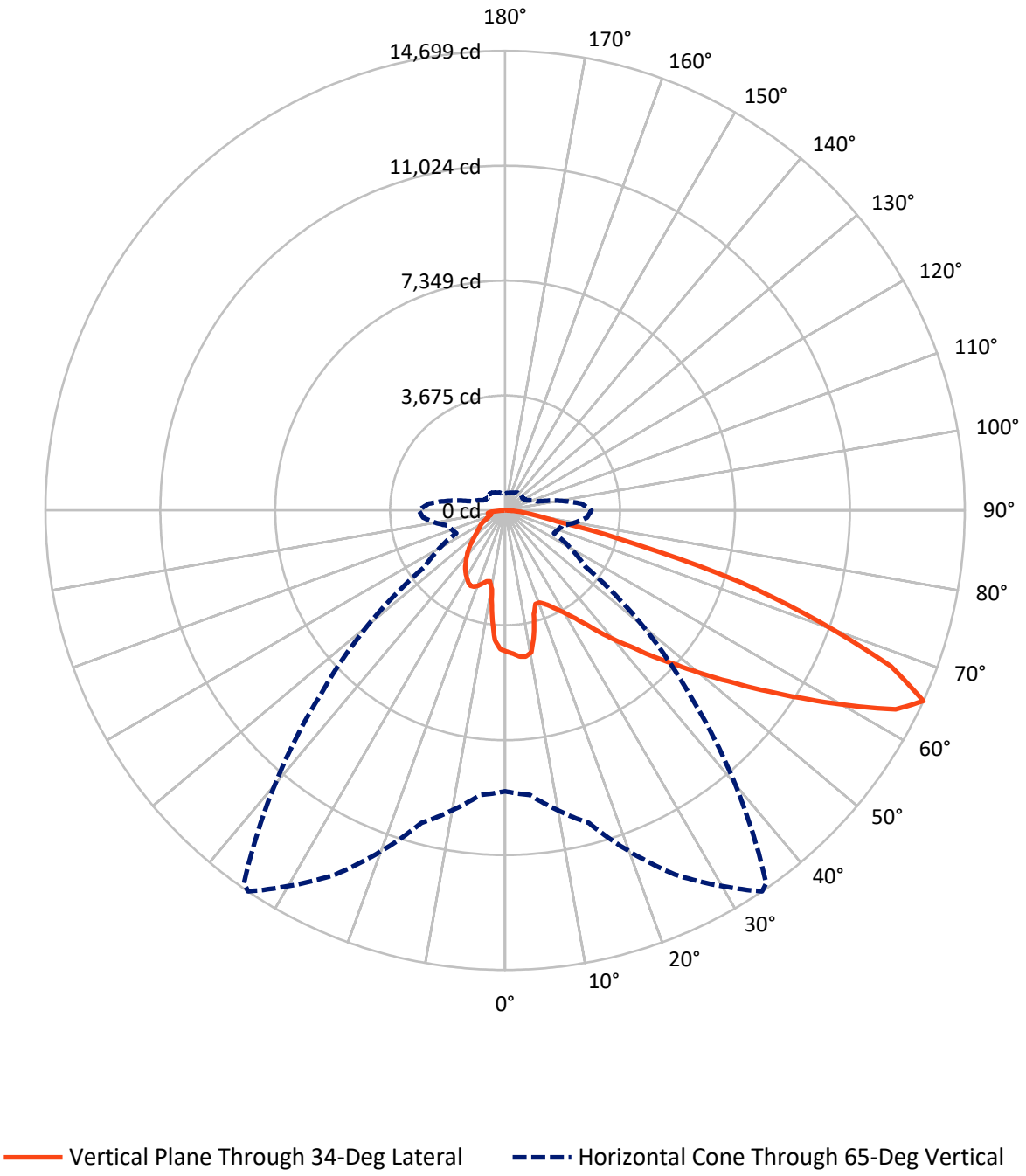
Based on 25 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1500741
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Luminous Intensity Polar Plot



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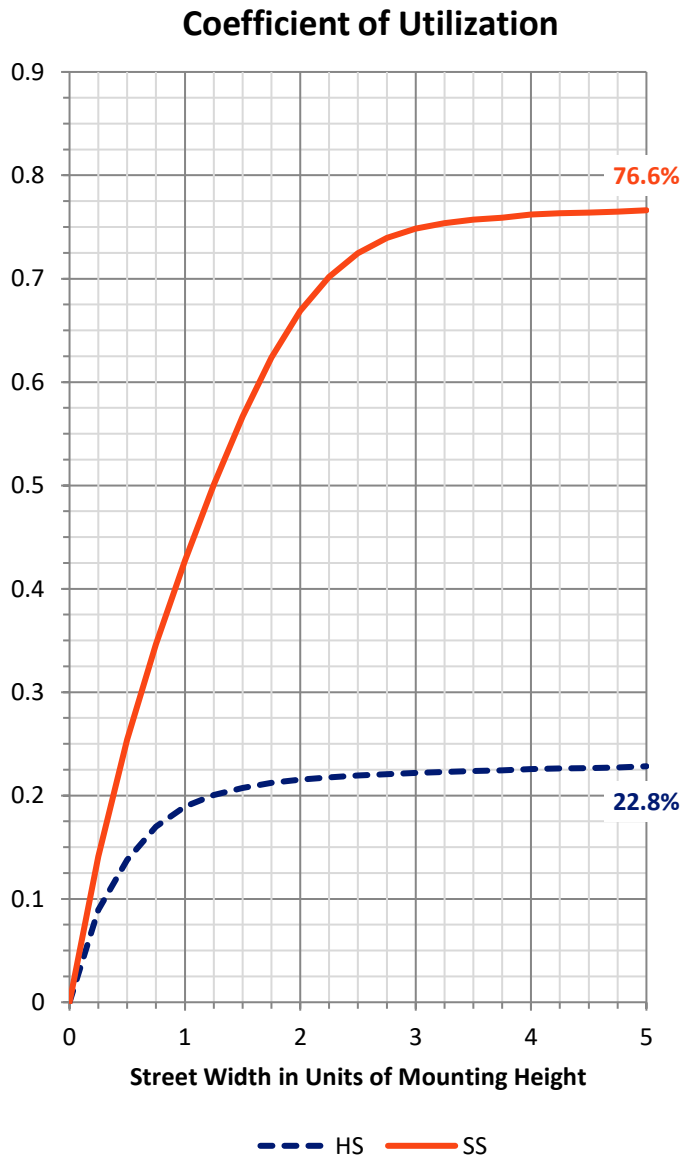
REPORT NUMBER: P1500741
CATALOG NUMBER: GSS-SB5A-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4413.5	0.0	4413.5
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	14556.5	0.0	14556.5
	% Fixture	76.7	0.0	76.7
Total	Lumens	18969.9	0.0	18969.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	406.6	2.1
10°-20°	1023.4	5.4
20°-30°	1696.3	8.9
30°-40°	2551.2	13.4
40°-50°	3574.1	18.8
50°-60°	4506.4	23.8
60°-70°	3875.9	20.4
70°-80°	1152.3	6.1
80°-90°	183.8	1.0
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°	18969.9	100.0
0°-180°	18969.9	100.0



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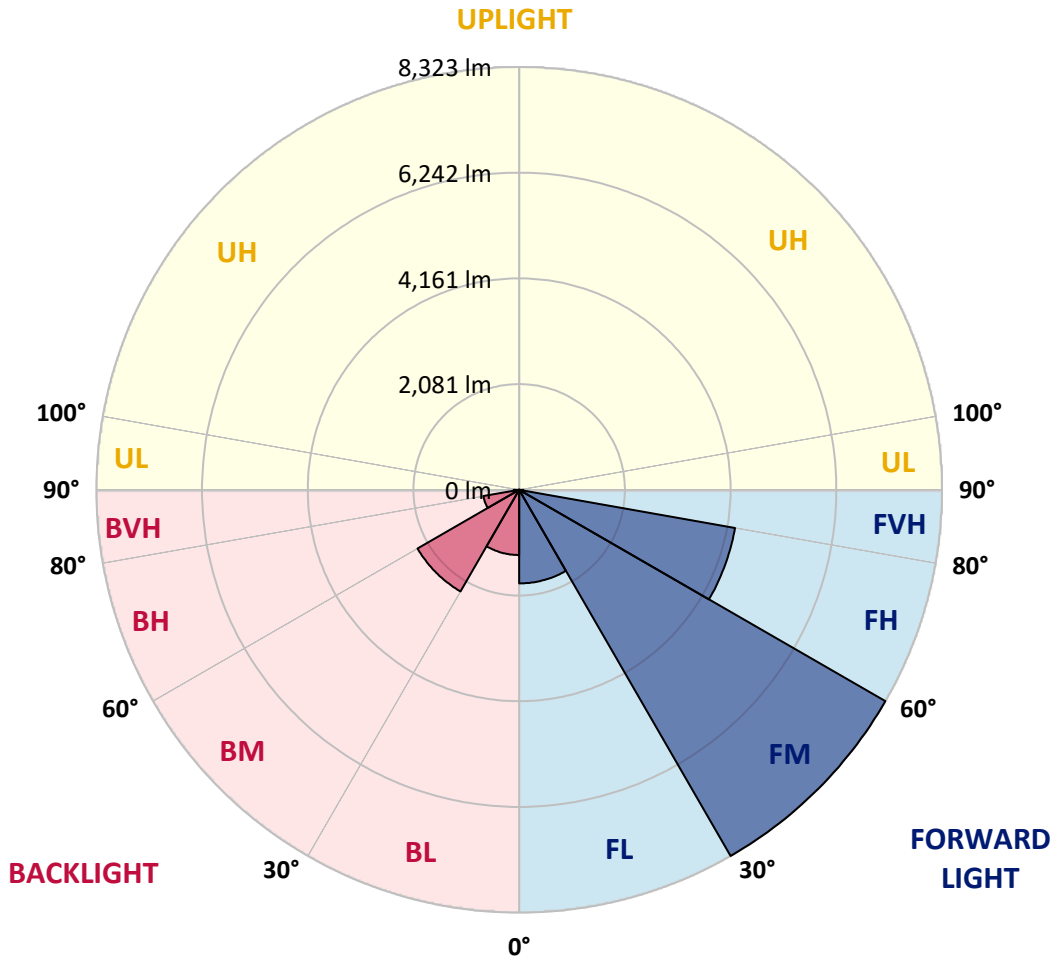
Scaled Data Report

REPORT NUMBER: P1500741
CATALOG NUMBER: GSS-SB5A-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1842.1	9.7			
FM	(30°-60°)	8322.7	43.9			
FH	(60°-80°)	4313.9	22.7			G2/5000
FVH	(80°-90°)	77.8	0.4			G1/100
BL	(0°-30°)	1284.1	6.8	B3/2500		
BM	(30°-60°)	2309.0	12.2	B2/2500		
BH	(60°-80°)	714.3	3.8	B2/1000		G2/1000
BVH	(80°-90°)	106.1	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4510.2	4510.2	4510.2	4510.2	*4510.2*	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2
2.5°	4596.1	4621.9	4591.8	4578.9	*4583.2*	4587.5	4566.0	4570.3	4544.5	4544.5	4523.1
5°	4694.9	4699.2	4682.0	4694.9	*4690.6*	4686.3	4686.3	4682.0	4626.2	4613.3	4591.8
7.5°	4639.0	4656.2	4664.8	4712.1	*4725.0*	4750.7	4767.9	4776.5	4733.5	4699.2	4643.3
10°	4127.9	4140.8	4239.6	4454.3	*4617.6*	4647.6	4806.6	4896.8	4866.7	4849.5	4755.0
12.5°	3298.9	3320.4	3432.0	3711.2	*4093.5*	4175.1	4682.0	4987.0	5055.7	5060.0	4922.5
15°	2942.4	2942.4	2976.7	3135.6	*3444.9*	3509.4	4256.8	5012.7	5257.6	5287.7	5120.1
17.5°	2869.3	2865.0	2886.5	2981.0	*3144.2*	3182.9	3767.1	4879.6	5498.1	5549.7	5334.9
20°	2865.0	2852.2	2895.1	3002.5	*3144.2*	3178.6	3539.4	4647.6	5687.1	5850.3	5549.7
22.5°	2869.3	2869.3	2929.5	3084.1	*3247.3*	3277.4	3582.4	4454.3	5841.8	6163.9	5777.3
25°	2916.6	2908.0	2993.9	3182.9	*3406.3*	3427.7	3758.5	4445.8	5974.9	6516.1	6052.2
27.5°	2993.9	2998.2	3114.2	3341.8	*3595.3*	3638.2	4003.3	4630.5	6138.1	6902.7	6318.5
30°	3157.1	3161.4	3298.9	3530.8	*3822.9*	3878.8	4286.8	4905.4	6370.1	7319.4	6606.3
32.5°	3341.8	3363.3	3530.8	3801.4	*4115.0*	4145.1	4634.7	5317.7	6718.0	7736.0	6915.6
35°	3651.1	3672.6	3861.6	4145.1	*4493.0*	4536.0	5060.0	5794.5	7143.3	8157.0	7156.2
37.5°	4050.6	4067.8	4252.5	4596.1	*4965.5*	5008.4	5532.5	6301.4	7572.8	8492.0	7370.9
40°	4527.4	4566.0	4763.6	5098.7	*5472.4*	5498.1	6047.9	6791.0	8036.7	8724.0	7456.8
42.5°	5047.1	5085.8	5287.7	5657.1	*6000.7*	6078.0	6606.3	7310.8	8414.7	8827.1	7388.1
45°	5712.9	5704.3	5893.3	6279.9	*6683.7*	6713.7	7203.4	7740.3	8642.4	8741.2	7319.4
47.5°	6520.4	6529.0	6649.3	6962.9	*7379.5*	7448.2	7826.2	8109.7	8775.5	8672.4	7242.1
50°	7431.1	7452.5	7555.6	7783.3	*8230.0*	8277.3	8388.9	8367.5	8857.1	8526.4	7272.1
52.5°	8341.7	8354.6	8492.0	8732.6	*9166.4*	9200.8	8955.9	8565.0	8552.2	7937.9	7207.7
55°	9089.1	9084.8	9329.6	9699.0	*10227.4*	10205.9	9514.3	8414.7	7598.6	7023.0	6919.9
57.5°	9737.7	9763.5	10081.3	10721.3	*11387.1*	11370.0	10111.4	7620.1	6206.9	5940.6	6451.7
60°	10321.9	10382.0	10979.1	11936.9	*12671.5*	12568.4	10218.8	6421.6	4828.0	4651.9	5523.9
62.5°	10068.4	10180.1	11138.0	13006.5	*14015.9*	13788.3	9557.3	4974.1	3268.8	3109.9	3904.5
65°	*8986.0*	*9136.3*	*10351.9*	*12851.9*	*14698.9*	*14557.1*	*8354.6*	*3127.1*	*1722.5*	*1890.0*	*2628.8*
67.5°	7547.0	7727.4	9041.8	11546.1	*13298.6*	12993.6	6490.4	1645.1	803.2	1245.7	1632.3
70°	4136.5	4583.2	6537.6	9819.3	*10652.6*	10227.4	3754.2	777.5	584.2	777.5	975.1
72.5°	1554.9	1662.3	2835.0	6602.0	*7890.7*	7366.6	1426.1	502.6	489.7	575.6	704.4
75°	747.4	798.9	1232.8	3002.5	*4308.3*	4016.2	700.2	373.7	421.0	451.0	511.2
77.5°	446.7	481.1	768.9	1743.9	*1696.7*	1559.2	429.5	287.8	339.3	322.2	300.7
80°	266.3	296.4	468.2	992.2	*1022.3*	906.3	262.0	201.9	236.2	206.2	184.7
82.5°	154.6	167.5	244.8	446.7	*648.6*	597.1	150.3	120.3	171.8	137.5	103.1
85°	77.3	81.6	111.7	193.3	*322.2*	244.8	64.4	55.8	81.6	60.1	34.4
87.5°	17.2	17.2	17.2	21.5	*30.1*	30.1	8.6	4.3	4.3	4.3	4.3
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: P1500741
CATALOG NUMBER: GSS-SB5A-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2	4510.2
2.5°	4518.8	4527.4	4497.3	4462.9	4454.3	4428.6	4437.2	4420.0	4394.2	4398.5	4402.8
5°	4561.7	4544.5	4484.4	4407.1	4338.4	4261.0	4170.8	4067.8	3994.7	3964.7	3990.4
7.5°	4600.4	4583.2	4480.1	4308.3	4076.3	3754.2	3419.1	3114.2	2903.7	2826.4	2843.6
10°	4707.8	4639.0	4450.0	4076.3	3522.2	2912.3	2573.0	2384.0	2319.5	2285.2	2289.5
12.5°	4849.5	4755.0	4394.2	3672.6	2835.0	2448.4	2328.1	2285.2	2263.7	2255.1	2263.7
15°	5021.3	4875.3	4261.0	3165.7	2517.1	2366.8	2341.0	2345.3	2345.3	2349.6	2349.6
17.5°	5171.7	4944.0	4020.5	2800.6	2452.7	2409.7	2435.5	2457.0	2457.0	2461.3	2457.0
20°	5309.1	4978.4	3711.2	2646.0	2465.6	2487.0	2547.2	2568.7	2573.0	2568.7	2568.7
22.5°	5455.2	4999.9	3402.0	2560.1	2495.6	2560.1	2624.5	2654.6	2663.2	2667.5	2671.7
25°	5596.9	4956.9	3148.5	2491.3	2482.7	2573.0	2646.0	2684.6	2693.2	2693.2	2697.5
27.5°	5738.7	4944.0	2976.7	2401.1	2422.6	2495.6	2581.5	2633.1	2667.5	2671.7	2676.0
30°	5901.9	4905.4	2813.5	2280.9	2289.5	2379.7	2469.9	2560.1	2628.8	2658.9	2658.9
32.5°	6013.6	4866.7	2667.5	2152.0	2152.0	2246.5	2358.2	2469.9	2568.7	2628.8	2641.7
35°	6121.0	4832.3	2538.6	2023.1	2027.4	2117.6	2233.6	2353.9	2478.5	2551.5	2585.8
37.5°	6176.8	4798.0	2448.4	1924.3	1907.2	2001.7	2079.0	2177.8	2310.9	2431.2	2461.3
40°	6189.7	4798.0	2439.8	1855.6	1782.6	1890.0	1924.3	1993.1	2113.3	2242.2	2289.5
42.5°	6103.8	4750.7	2482.7	1812.7	1653.7	1731.1	1769.7	1804.1	1881.4	1988.8	2027.4
45°	6000.7	4686.3	2521.4	1752.5	1494.8	1554.9	1615.1	1619.4	1653.7	1679.5	1705.3
47.5°	5914.8	4617.6	2452.7	1640.8	1331.6	1374.5	1439.0	1439.0	1421.8	1370.2	1353.1
50°	5983.5	4639.0	2336.7	1481.9	1181.2	1211.3	1280.0	1241.4	1202.7	1095.3	1082.4
52.5°	6043.6	4720.7	2199.3	1327.3	1052.4	1082.4	1151.2	1091.0	1013.7	927.8	914.9
55°	5944.8	4725.0	1945.8	1155.5	962.2	987.9	1052.4	979.4	906.3	854.8	846.2
57.5°	5648.5	4596.1	1679.5	1022.3	884.9	910.6	970.8	897.7	829.0	824.7	846.2
60°	4995.6	4145.1	1434.7	936.4	811.8	841.9	902.0	824.7	734.5	695.9	708.7
62.5°	3771.4	3187.2	1228.5	837.6	743.1	781.8	824.7	700.2	622.8	605.7	588.5
65°	*2757.7*	*2448.4*	*1103.9*	*760.3*	*678.7*	*725.9*	*691.6*	*622.8*	*571.3*	*554.1*	*545.5*
67.5°	1782.6	1662.3	949.3	687.3	618.5	657.2	609.9	575.6	519.7	511.2	524.0
70°	1091.0	1129.7	794.7	605.7	558.4	549.8	558.4	524.0	463.9	476.8	494.0
72.5°	773.2	833.3	683.0	528.3	476.8	459.6	498.3	476.8	433.8	446.7	463.9
75°	554.1	618.5	562.7	433.8	403.8	395.2	463.9	476.8	446.7	455.3	468.2
77.5°	326.5	395.2	399.5	335.0	305.0	352.2	494.0	549.8	528.3	502.6	489.7
80°	210.5	236.2	283.5	214.8	214.8	305.0	541.2	670.1	575.6	511.2	502.6
82.5°	107.4	124.6	184.7	137.5	128.9	227.7	532.6	640.0	635.7	567.0	554.1
85°	30.1	38.7	85.9	60.1	51.5	120.3	399.5	481.1	429.5	313.6	317.9
87.5°	4.3	4.3	0.0	0.0	4.3	17.2	47.2	8.6	8.6	8.6	8.6
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: SP1-2407-184-8

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

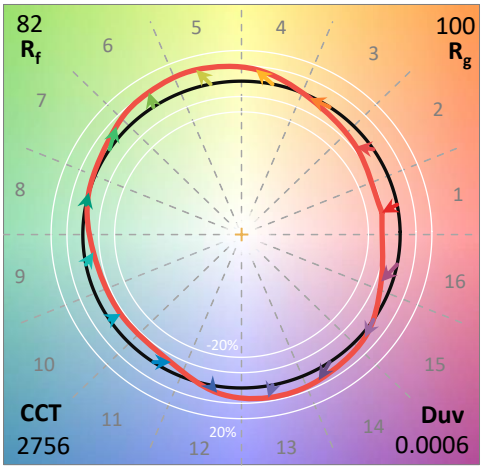
Test Information

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

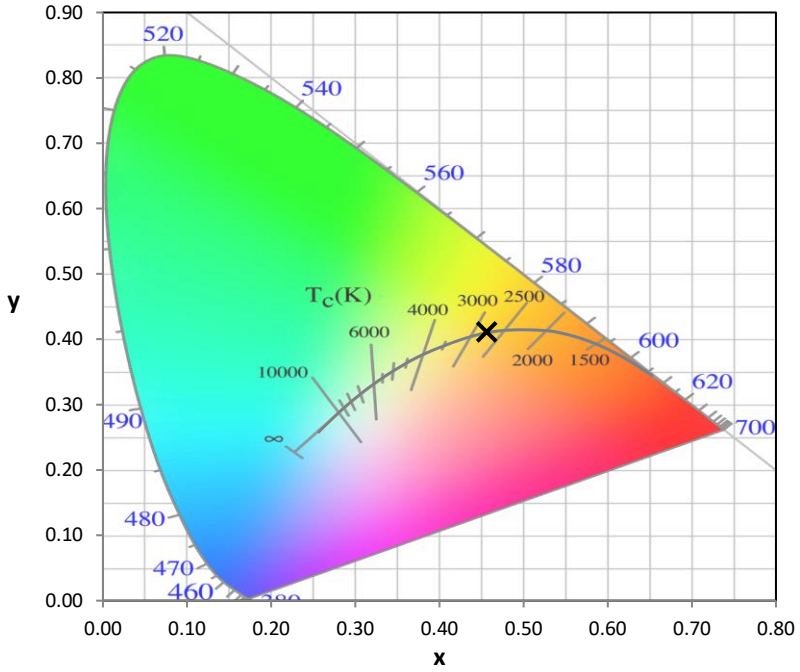
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

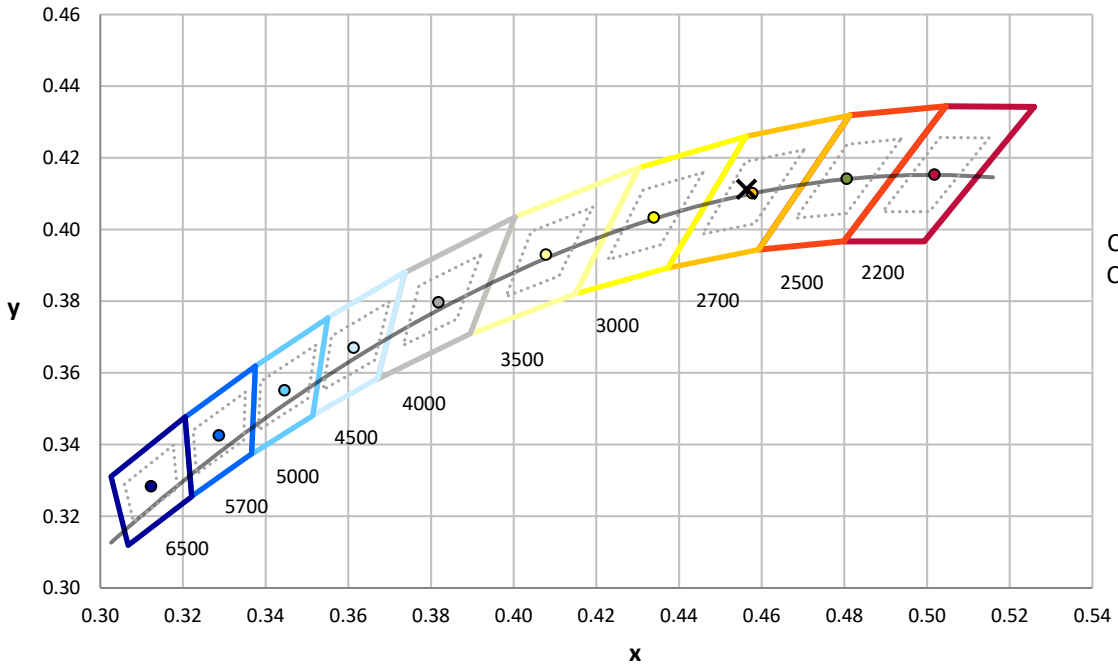
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

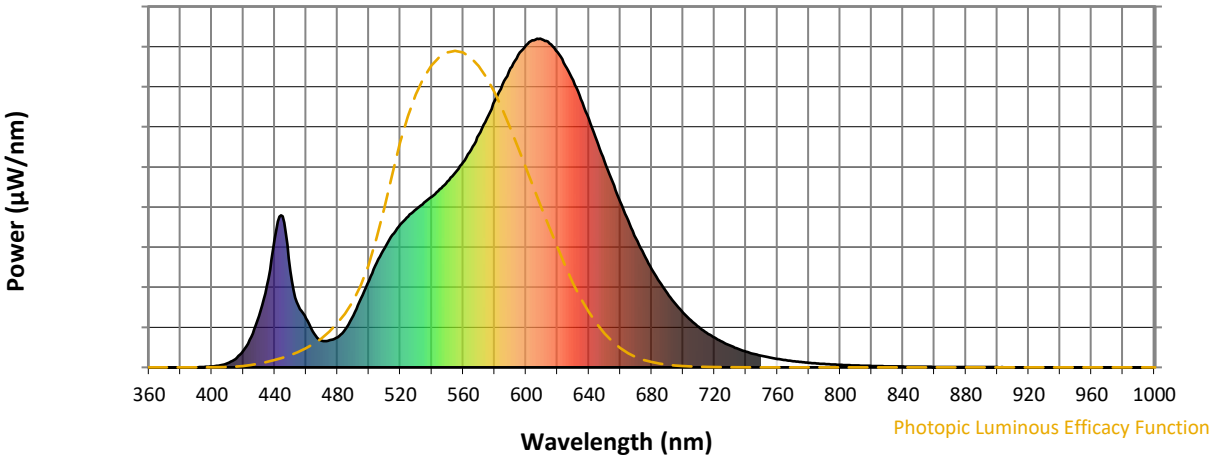


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

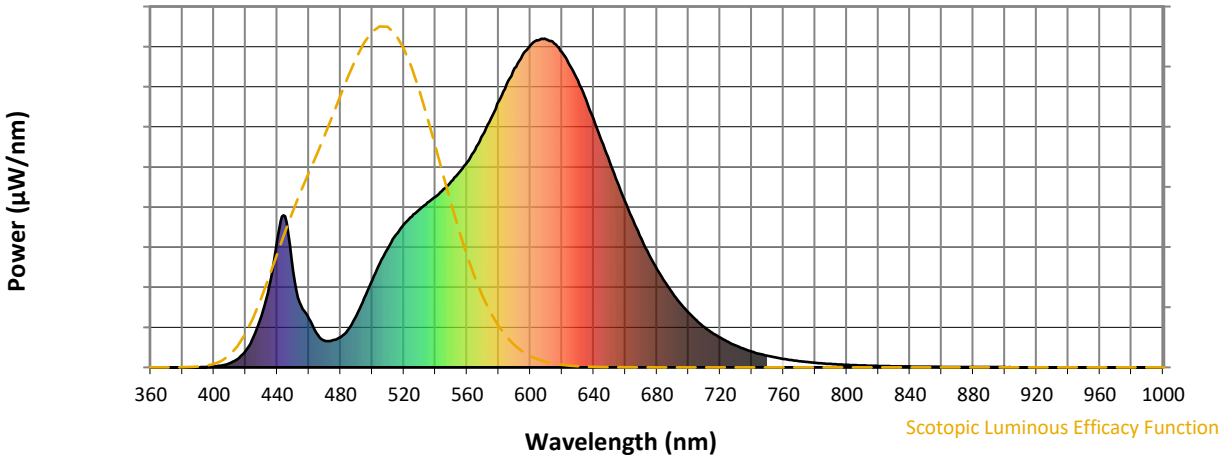


Photopic Lumens: NR

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

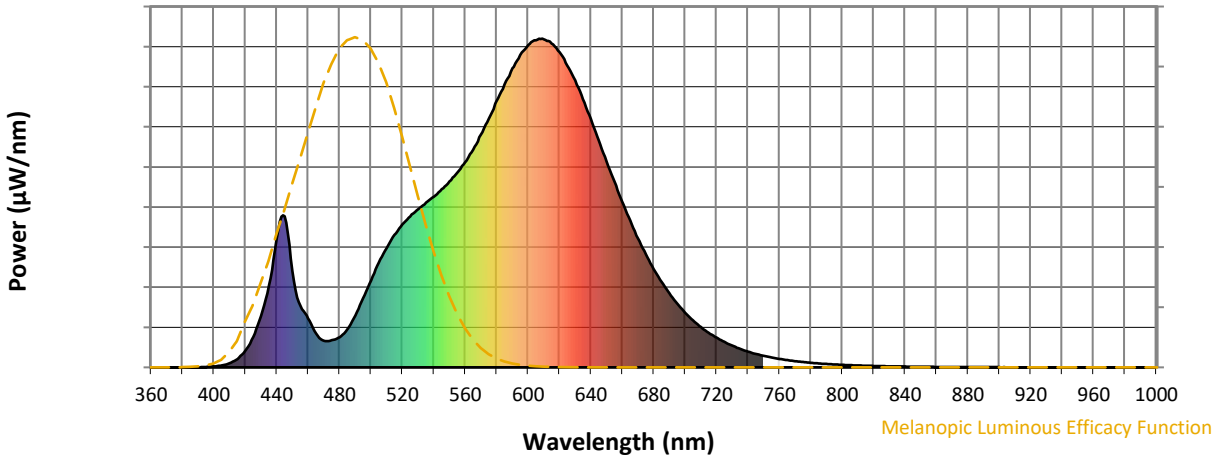


Scotopic Lumens: NR **S/P: 1.2**

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			

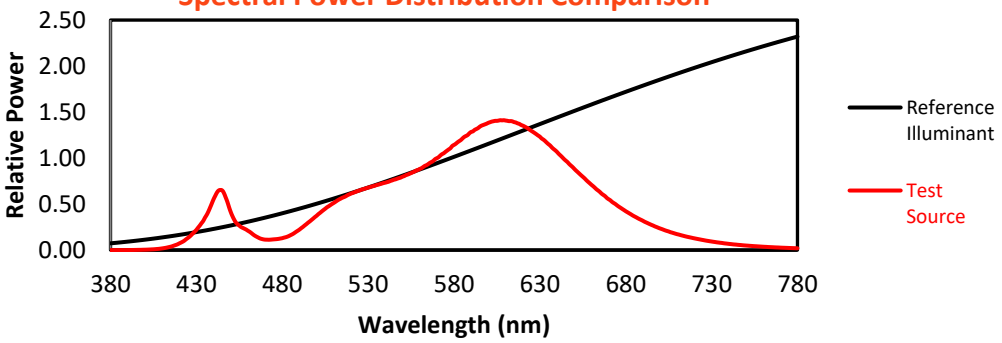
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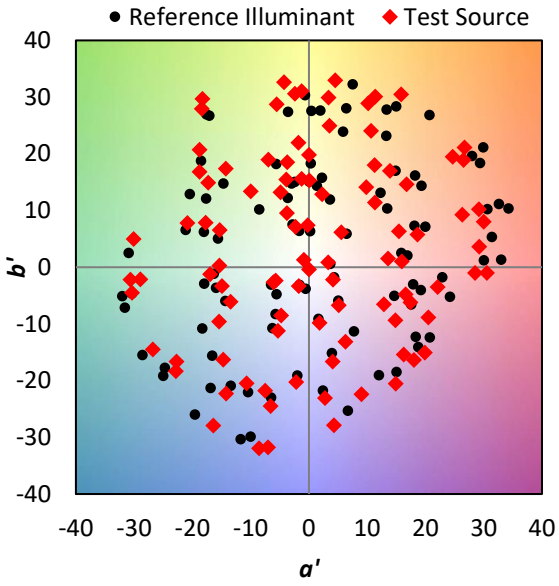
Summary

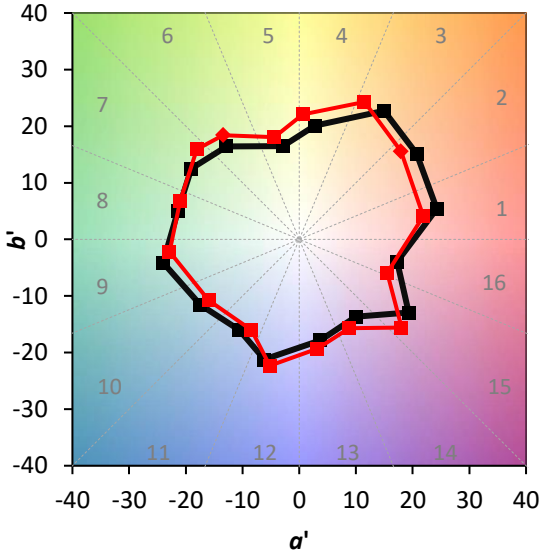
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

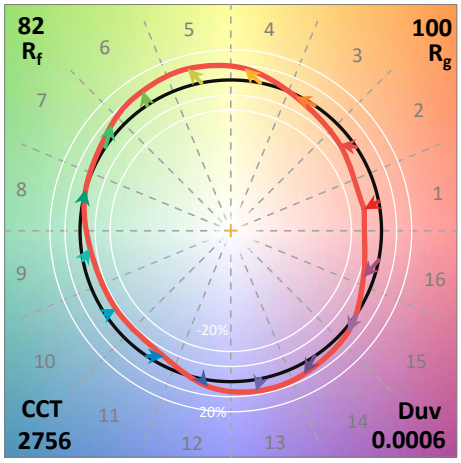
Spectral Power Distribution Comparison

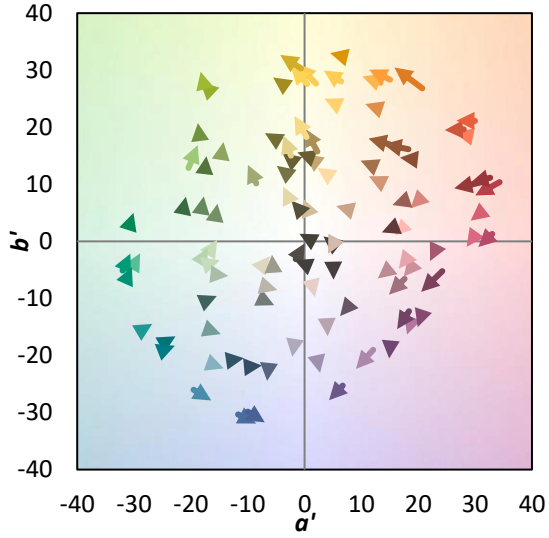


Color Vector Graphics







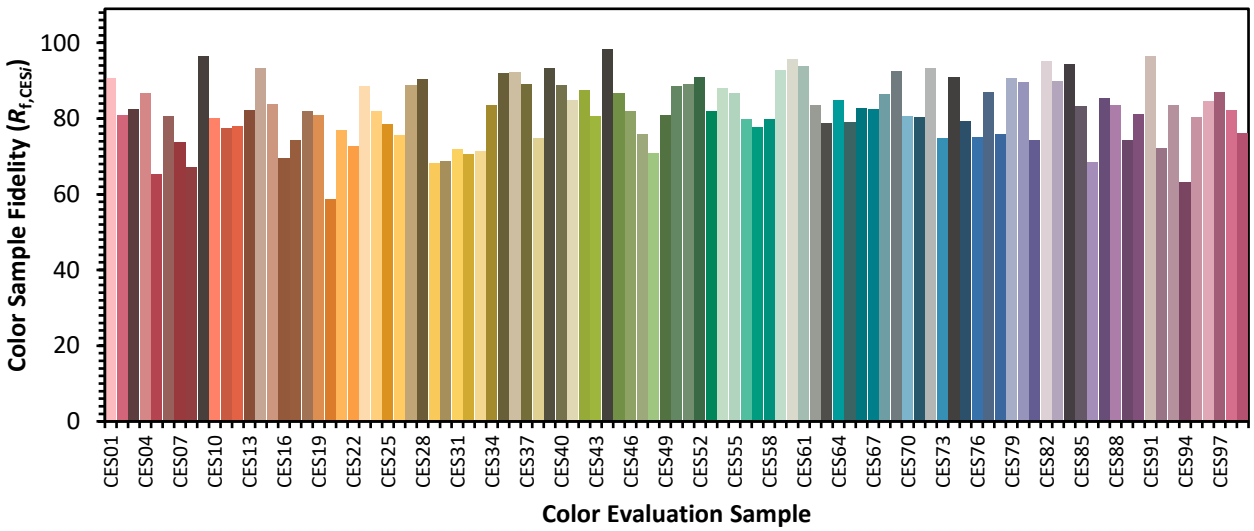


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Individual Sample Fidelity Index ($R_{f,i}$)

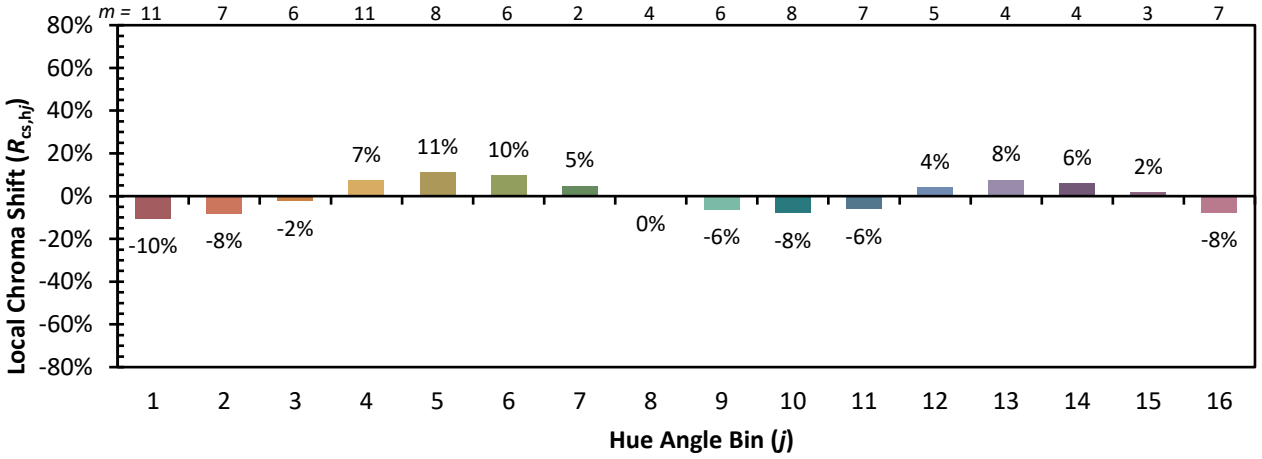
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

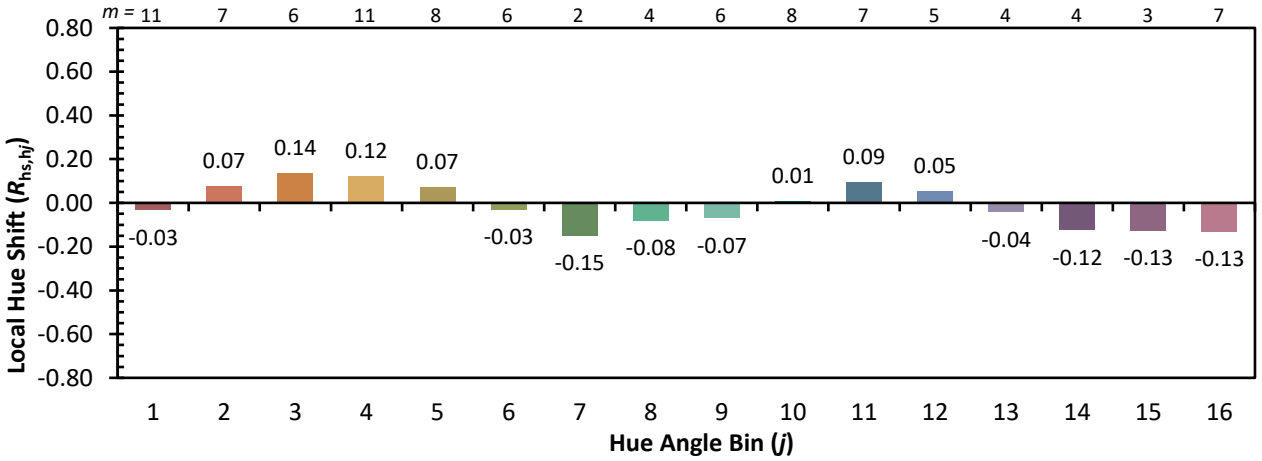


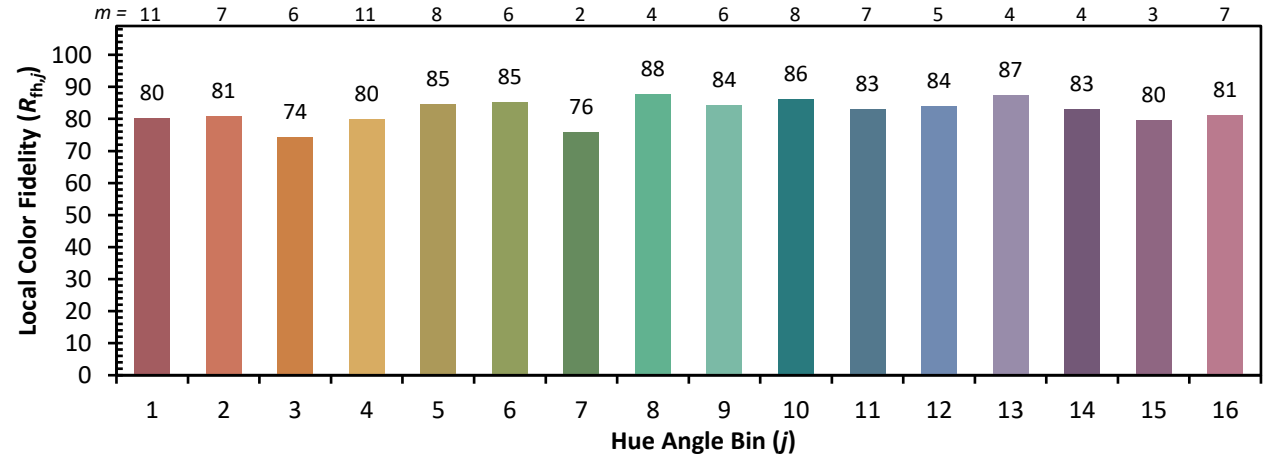
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Color Rendition by Hue-Angle Bin



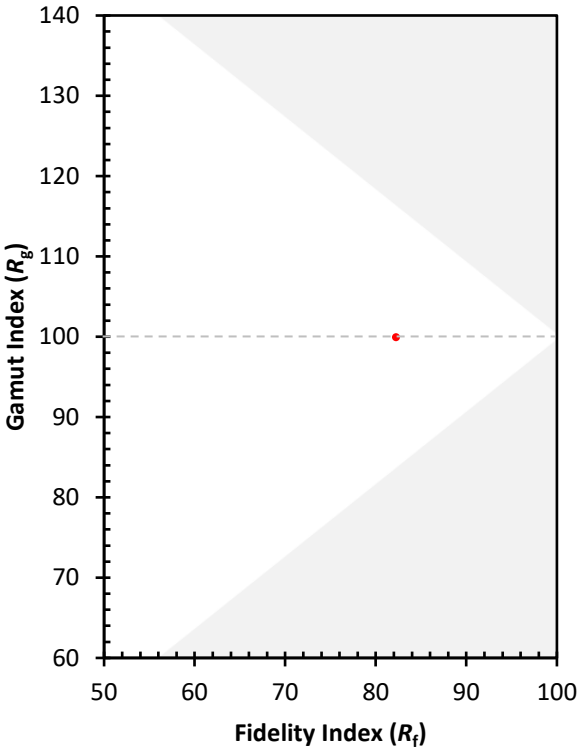


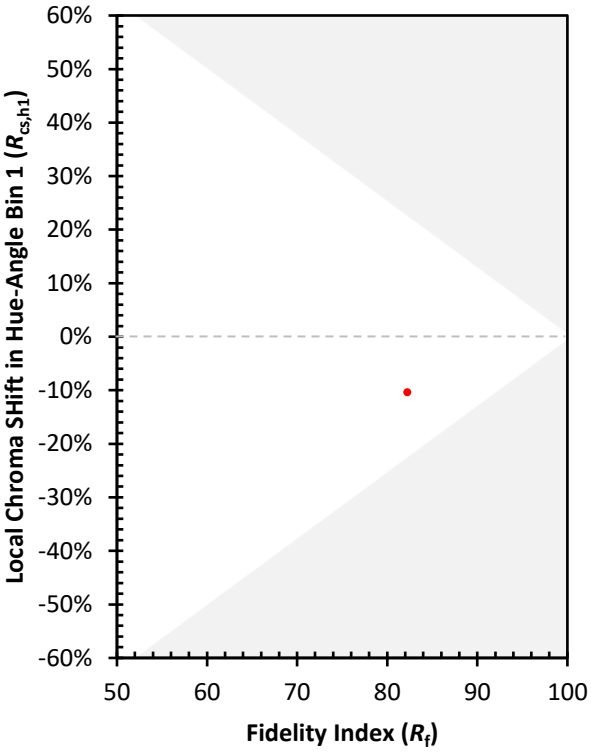


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Measure Comparisons





(END OF REPORT)