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: P1500788

Luminaire Tested: GSS-SB4D-835-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:	P1500788
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29790 lumens
Efficiency:	N/A
Efficacy:	125.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

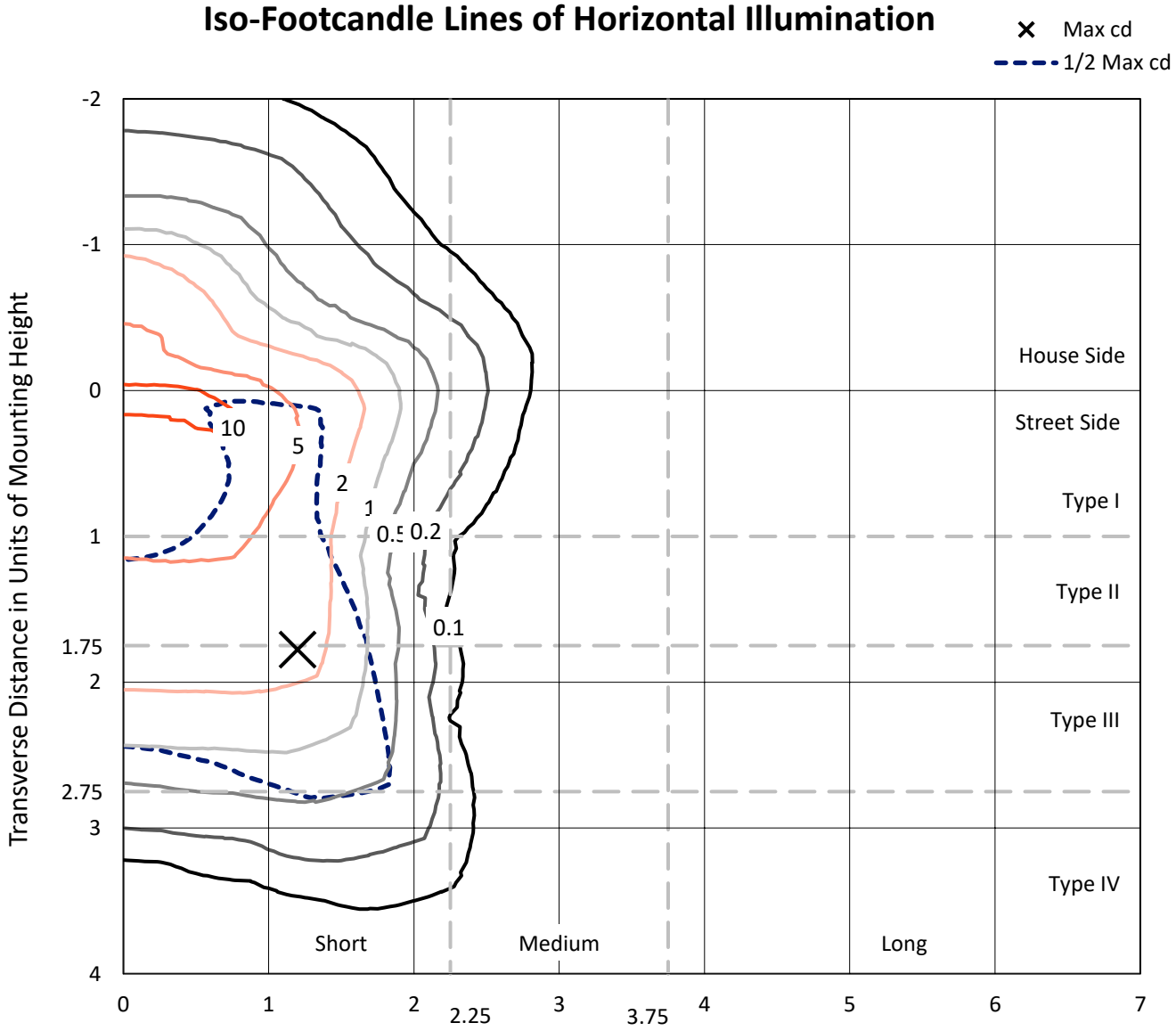
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500788
CATALOG NUMBER: GSS-SB4D-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



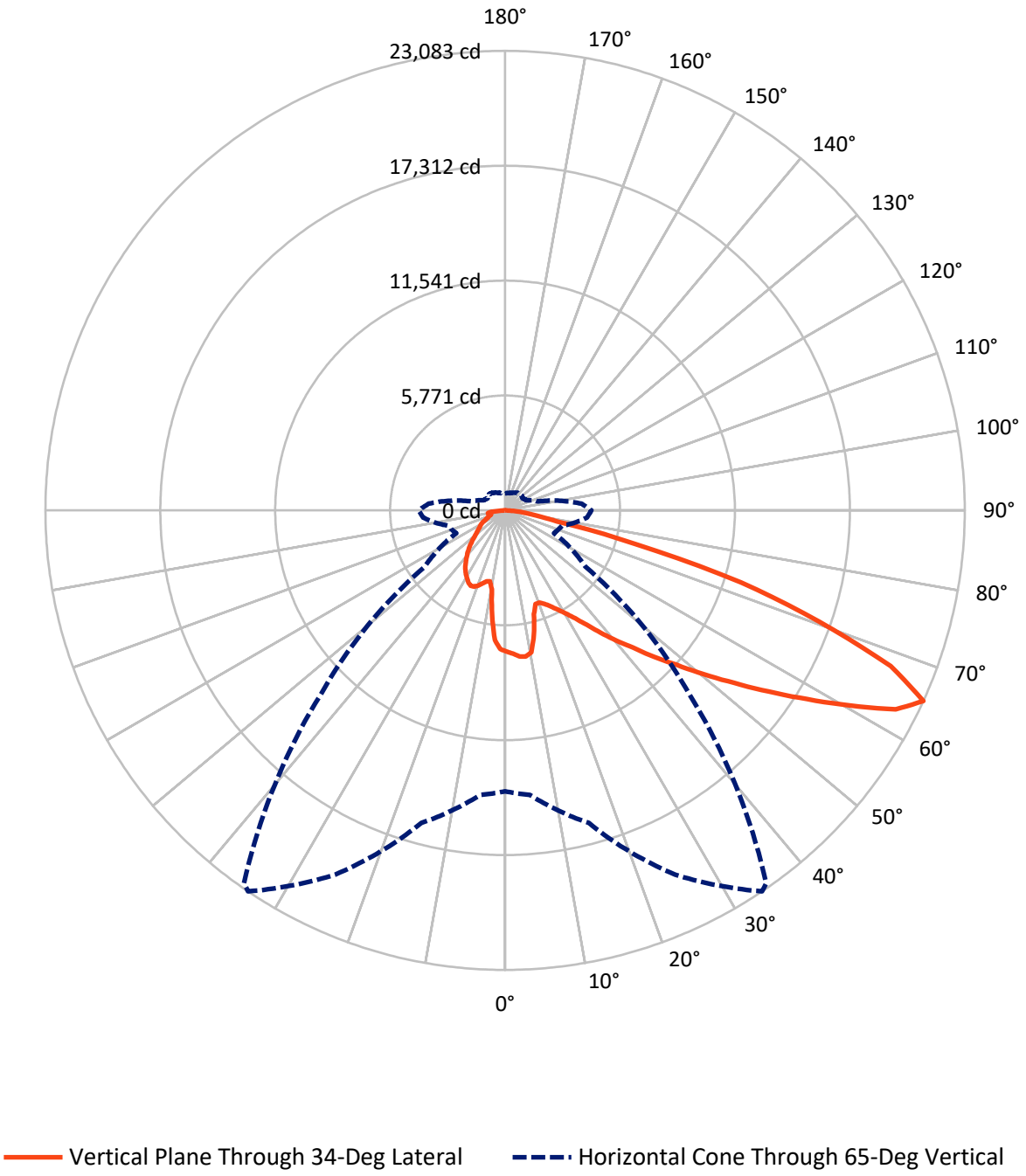
Based on 25 foot mounting height. Maximum calculated value = 12 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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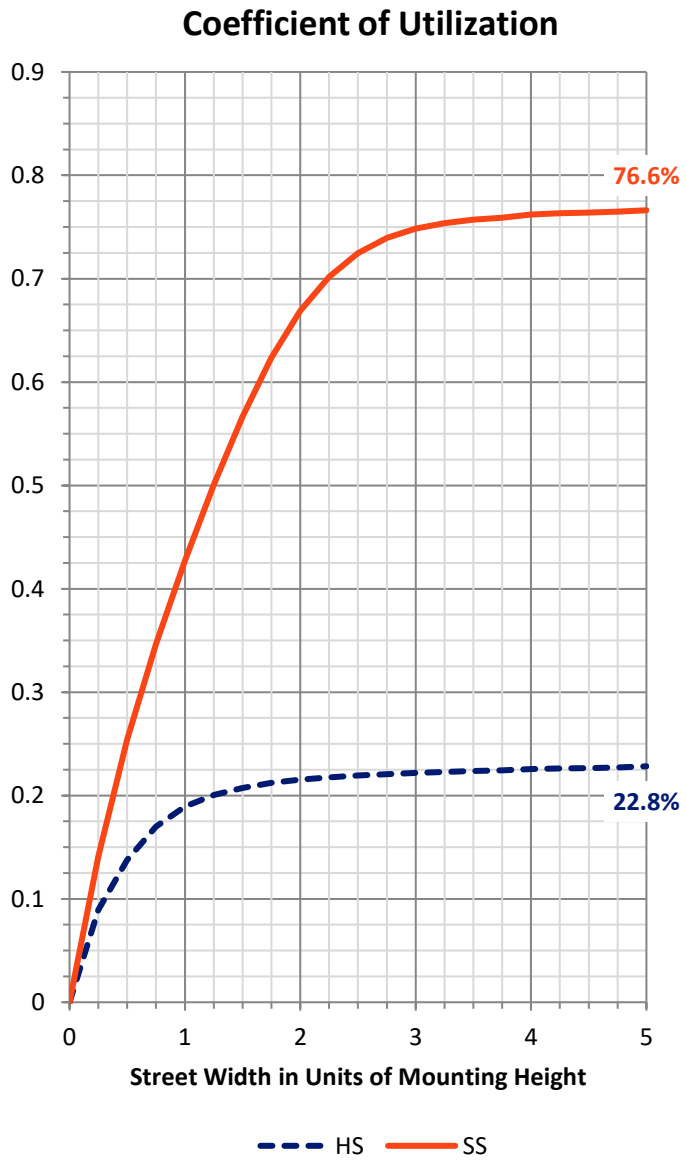
REPORT NUMBER: P1500788
CATALOG NUMBER: GSS-SB4D-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6930.8	0.0	6930.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	22859.2	0.0	22859.2
	% Fixture	76.7	0.0	76.7
Total	Lumens	29790.0	0.0	29790.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	638.5	2.1
10°-20°	1607.1	5.4
20°-30°	2663.9	8.9
30°-40°	4006.3	13.4
40°-50°	5612.7	18.8
50°-60°	7076.7	23.8
60°-70°	6086.6	20.4
70°-80°	1809.6	6.1
80°-90°	288.7	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°	29790.0	100.0
0°-180°	29790.0	100.0



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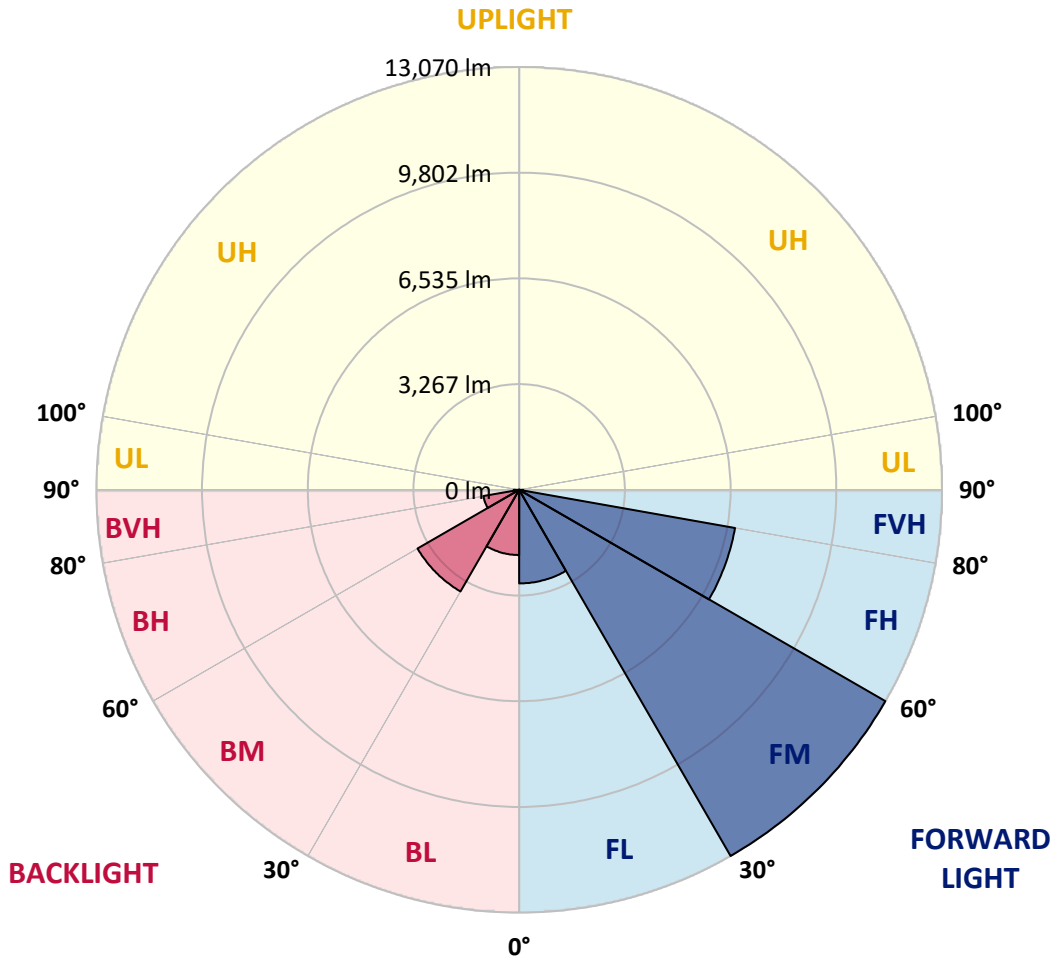
Scaled Data Report

REPORT NUMBER: P1500788
CATALOG NUMBER: GSS-SB4D-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2892.9	9.7			
FM	(30°-60°)	13069.8	43.9			
FH	(60°-80°)	6774.4	22.7			G3/7500
FVH	(80°-90°)	122.2	0.4			G2/225
BL	(0°-30°)	2016.6	6.8	B3/2500		
BM	(30°-60°)	3626.0	12.2	B3/5000		
BH	(60°-80°)	1121.7	3.8	B3/2500		G3/2500
BVH	(80°-90°)	166.6	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-G3
Type III Short



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Scaled Data Report

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7
2.5°	7217.6	7258.1	7210.9	7190.6	7197.4	7204.1	7170.4	7177.1	7136.7	7136.7	7102.9
5°	7372.7	7379.5	7352.5	7372.7	7366.0	7359.3	7359.3	7352.5	7264.8	7244.6	7210.9
7.5°	7285.1	7312.0	7325.5	7399.7	7420.0	7460.4	7487.4	7500.9	7433.5	7379.5	7291.8
10°	6482.4	6502.6	6657.7	6995.0	7251.3	7298.5	7548.1	7689.8	7642.6	7615.6	7467.2
12.5°	5180.5	5214.2	5389.6	5828.0	6428.4	6556.6	7352.5	7831.4	7939.4	7946.1	7730.3
15°	4620.6	4620.6	4674.6	4924.2	5409.8	5511.0	6684.7	7871.9	8256.4	8303.6	8040.5
17.5°	4505.9	4499.2	4532.9	4681.3	4937.7	4998.4	5915.7	7662.8	8634.1	8715.1	8377.8
20°	4499.2	4479.0	4546.4	4715.1	4937.7	4991.6	5558.2	7298.5	8930.9	9187.3	8715.1
22.5°	4505.9	4505.9	4600.4	4843.2	5099.5	5146.8	5625.7	6995.0	9173.8	9679.7	9072.6
25°	4580.1	4566.7	4701.6	4998.4	5349.1	5382.8	5902.2	6981.5	9382.9	10232.8	9504.3
27.5°	4701.6	4708.3	4890.4	5247.9	5645.9	5713.4	6286.7	7271.6	9639.2	10839.9	9922.5
30°	4957.9	4964.6	5180.5	5544.7	6003.4	6091.1	6731.9	7703.3	10003.5	11494.2	10374.5
32.5°	5247.9	5281.7	5544.7	5969.7	6462.1	6509.3	7278.3	8350.8	10549.8	12148.5	10860.1
35°	5733.6	5767.3	6064.1	6509.3	7055.7	7123.2	7946.1	9099.6	11217.6	12809.6	11237.9
37.5°	6360.9	6387.9	6678.0	7217.6	7797.7	7865.2	8688.1	9895.5	11892.2	13335.7	11575.1
40°	7109.7	7170.4	7480.7	8006.8	8593.7	8634.1	9497.6	10664.5	12620.7	13700.0	11710.1
42.5°	7925.9	7986.6	8303.6	8883.7	9423.4	9544.8	10374.5	11480.7	13214.3	13861.8	11602.1
45°	8971.4	8957.9	9254.7	9861.8	10495.9	10543.1	11312.1	12155.3	13571.8	13726.9	11494.2
47.5°	10239.6	10253.0	10441.9	10934.3	11588.6	11696.6	12290.2	12735.4	13780.9	13619.0	11372.8
50°	11669.6	11703.3	11865.2	12222.7	12924.2	12998.4	13173.8	13140.1	13909.1	13389.7	11420.0
52.5°	13099.6	13119.8	13335.7	13713.4	14394.7	14448.7	14064.2	13450.4	13430.1	12465.5	11318.8
55°	14273.3	14266.6	14651.1	15231.2	16060.9	16027.1	14941.1	13214.3	11932.7	11028.8	10866.9
57.5°	15291.9	15332.3	15831.5	16836.6	17882.1	17855.1	15878.7	11966.4	9747.1	9328.9	10131.6
60°	16209.3	16303.7	17241.3	18745.5	19899.0	19737.1	16047.4	10084.4	7581.9	7305.3	8674.6
62.5°	15811.3	15986.7	17490.9	20425.1	22010.3	21652.8	15008.6	7811.2	5133.3	4883.7	6131.6
65°	14111.4	14347.5	16256.5	20182.3	23082.8	22860.2	13119.8	4910.7	2704.9	2968.0	4128.2
67.5°	11851.7	12135.0	14199.1	18131.7	20883.8	20404.9	10192.3	2583.5	1261.4	1956.2	2563.3
70°	6495.8	7197.4	10266.5	15420.0	16728.7	16060.9	5895.5	1220.9	917.4	1220.9	1531.2
72.5°	2441.8	2610.5	4452.0	10367.7	12391.3	11568.4	2239.5	789.2	769.0	903.9	1106.2
75°	1173.7	1254.6	1935.9	4715.1	6765.7	6307.0	1099.5	586.9	661.1	708.3	802.7
77.5°	701.5	755.5	1207.4	2738.6	2664.4	2448.6	674.5	451.9	532.9	505.9	472.2
80°	418.2	465.4	735.3	1558.2	1605.4	1423.3	411.5	317.0	371.0	323.8	290.1
82.5°	242.8	263.1	384.5	701.5	1018.6	937.6	236.1	188.9	269.8	215.9	161.9
85°	121.4	128.2	175.4	303.5	505.9	384.5	101.2	87.7	128.2	94.4	54.0
87.5°	27.0	27.0	27.0	33.7	47.2	47.2	13.5	6.7	6.7	6.7	6.7
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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Scaled Data Report

REPORT NUMBER: P1500788
CATALOG NUMBER: GSS-SB4D-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7	7082.7
2.5°	7096.2	7109.7	7062.5	7008.5	6995.0	6954.5	6968.0	6941.0	6900.6	6907.3	6914.1
5°	7163.6	7136.7	7042.2	6920.8	6812.9	6691.5	6549.8	6387.9	6273.2	6226.0	6266.5
7.5°	7224.3	7197.4	7035.5	6765.7	6401.4	5895.5	5369.4	4890.4	4559.9	4438.5	4465.5
10°	7393.0	7285.1	6988.3	6401.4	5531.2	4573.4	4040.5	3743.7	3642.5	3588.6	3595.3
12.5°	7615.6	7467.2	6900.6	5767.3	4452.0	3844.9	3656.0	3588.6	3554.8	3541.3	3554.8
15°	7885.4	7656.1	6691.5	4971.4	3952.8	3716.7	3676.3	3683.0	3683.0	3689.7	3689.7
17.5°	8121.5	7764.0	6313.7	4398.0	3851.6	3784.2	3824.7	3858.4	3858.4	3865.1	3858.4
20°	8337.3	7817.9	5828.0	4155.2	3871.9	3905.6	4000.0	4033.8	4040.5	4033.8	4033.8
22.5°	8566.7	7851.7	5342.4	4020.3	3919.1	4020.3	4121.5	4168.7	4182.2	4188.9	4195.7
25°	8789.3	7784.2	4944.4	3912.3	3898.9	4040.5	4155.2	4215.9	4229.4	4229.4	4236.1
27.5°	9011.9	7764.0	4674.6	3770.7	3804.4	3919.1	4054.0	4134.9	4188.9	4195.7	4202.4
30°	9268.2	7703.3	4418.3	3581.8	3595.3	3737.0	3878.6	4020.3	4128.2	4175.4	4175.4
32.5°	9443.6	7642.6	4188.9	3379.5	3379.5	3527.9	3703.2	3878.6	4033.8	4128.2	4148.4
35°	9612.2	7588.6	3986.5	3177.1	3183.8	3325.5	3507.6	3696.5	3892.1	4006.8	4060.7
37.5°	9699.9	7534.6	3844.9	3021.9	2995.0	3143.4	3264.8	3419.9	3629.0	3817.9	3865.1
40°	9720.2	7534.6	3831.4	2914.0	2799.4	2968.0	3021.9	3129.9	3318.7	3521.1	3595.3
42.5°	9585.2	7460.4	3898.9	2846.6	2597.0	2718.4	2779.1	2833.1	2954.5	3123.1	3183.8
45°	9423.4	7359.3	3959.6	2752.1	2347.4	2441.8	2536.3	2543.0	2597.0	2637.5	2677.9
47.5°	9288.4	7251.3	3851.6	2576.8	2091.1	2158.5	2259.7	2259.7	2232.7	2151.8	2124.8
50°	9396.4	7285.1	3669.5	2327.2	1855.0	1902.2	2010.1	1949.4	1888.7	1720.1	1699.8
52.5°	9490.8	7413.2	3453.7	2084.3	1652.6	1699.8	1807.8	1713.3	1591.9	1457.0	1436.8
55°	9335.7	7420.0	3055.7	1814.5	1511.0	1551.4	1652.6	1538.0	1423.3	1342.3	1328.8
57.5°	8870.2	7217.6	2637.5	1605.4	1389.6	1430.0	1524.5	1409.8	1301.9	1295.1	1328.8
60°	7844.9	6509.3	2253.0	1470.5	1274.9	1322.1	1416.5	1295.1	1153.5	1092.8	1113.0
62.5°	5922.5	5005.1	1929.2	1315.4	1167.0	1227.7	1295.1	1099.5	978.1	951.1	924.1
65°	*4330.6*	*3844.9*	*1733.6*	*1193.9*	*1065.8*	*1140.0*	*1086.0*	*978.1*	*897.1*	*870.2*	*856.7*
67.5°	2799.4	2610.5	1490.7	1079.3	971.3	1032.0	957.9	903.9	816.2	802.7	822.9
70°	1713.3	1774.0	1247.9	951.1	876.9	863.4	876.9	822.9	728.5	748.7	775.7
72.5°	1214.2	1308.6	1072.5	829.7	748.7	721.8	782.5	748.7	681.3	701.5	728.5
75°	870.2	971.3	883.7	681.3	634.1	620.6	728.5	748.7	701.5	715.0	735.3
77.5°	512.7	620.6	627.3	526.1	478.9	553.1	775.7	863.4	829.7	789.2	769.0
80°	330.5	371.0	445.2	337.3	337.3	478.9	849.9	1052.3	903.9	802.7	789.2
82.5°	168.6	195.6	290.1	215.9	202.4	357.5	836.4	1005.1	998.3	890.4	870.2
85°	47.2	60.7	134.9	94.4	80.9	188.9	627.3	755.5	674.5	492.4	499.2
87.5°	6.7	6.7	0.0	0.0	6.7	27.0	74.2	13.5	13.5	13.5	13.5
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

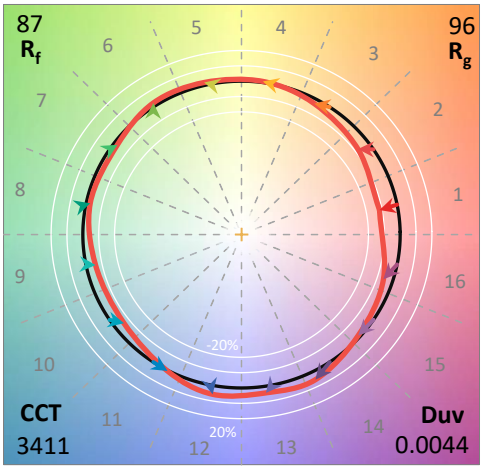
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

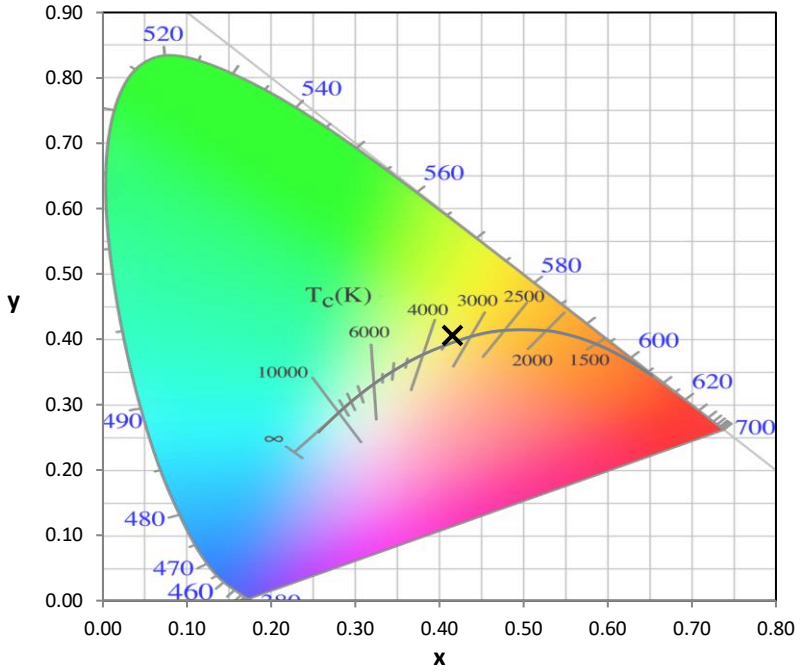
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

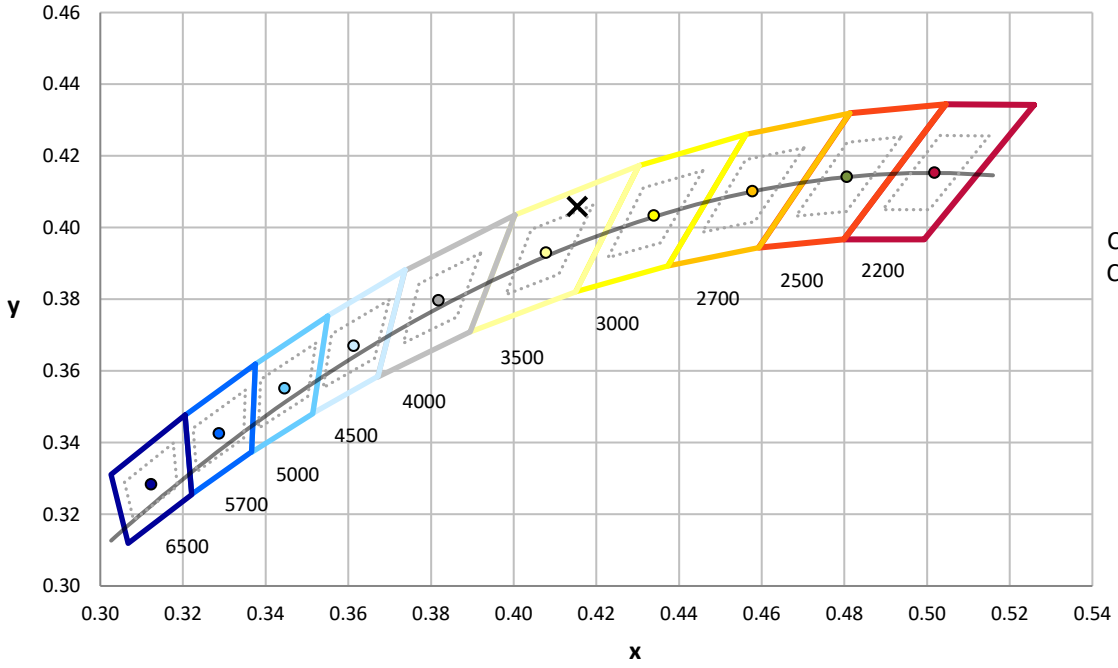
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

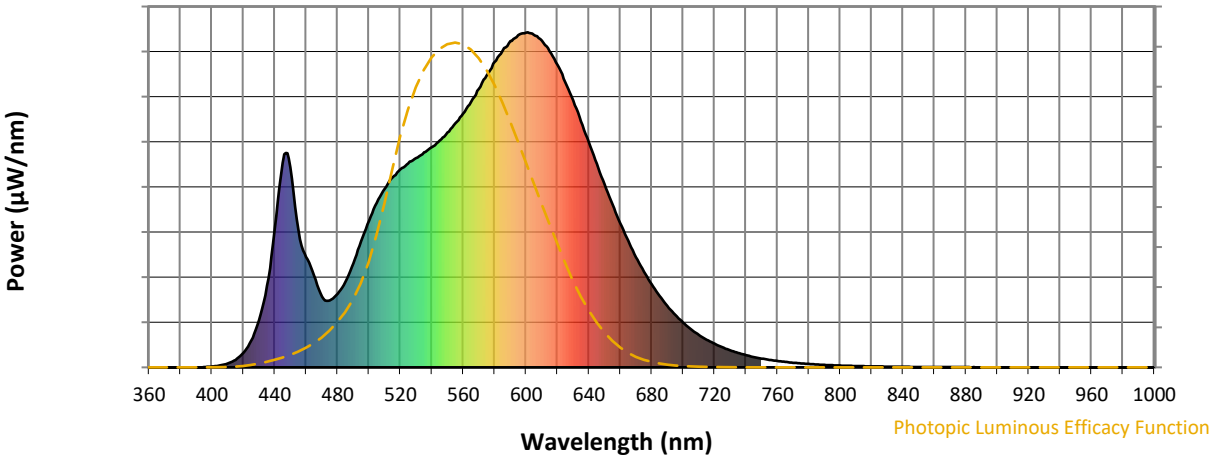


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

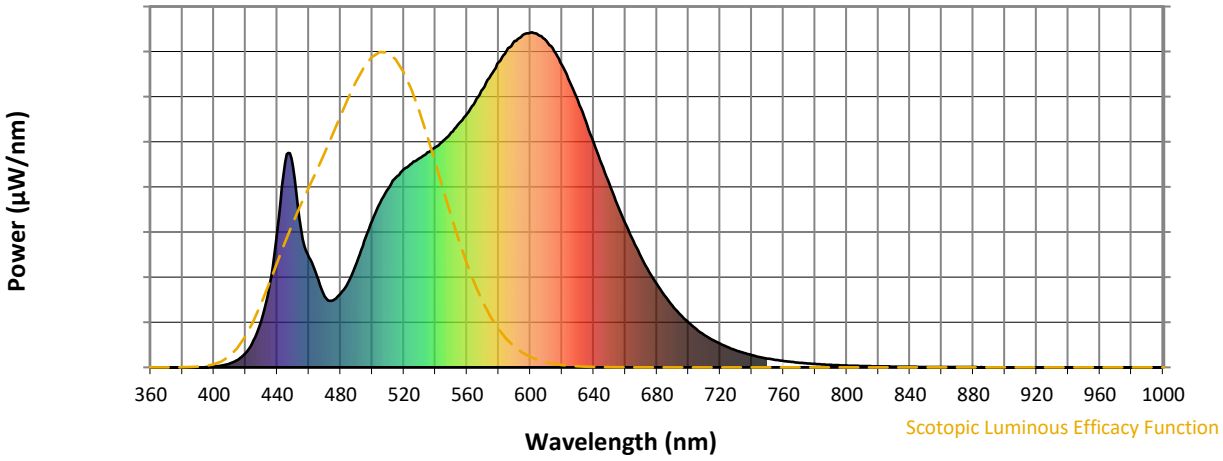


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

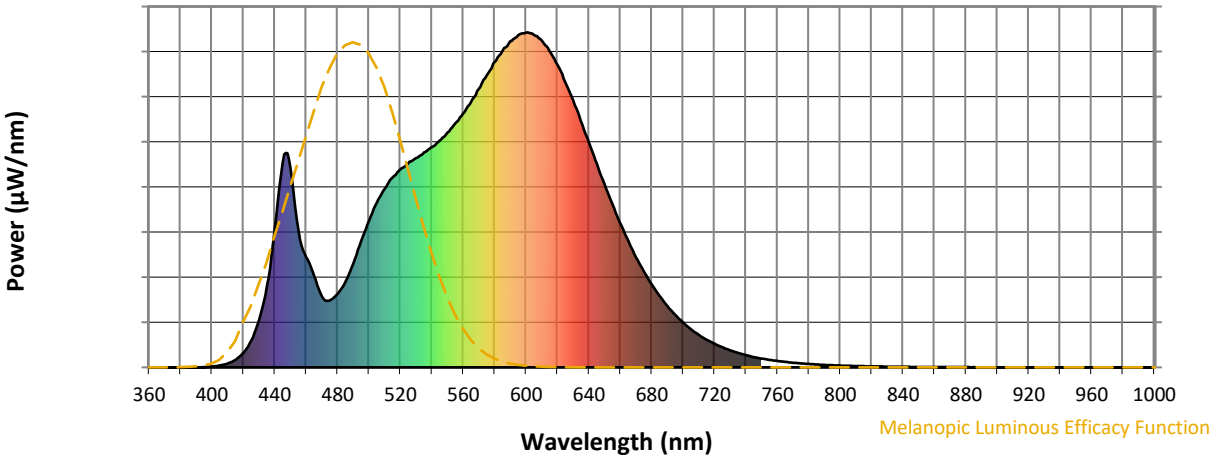


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

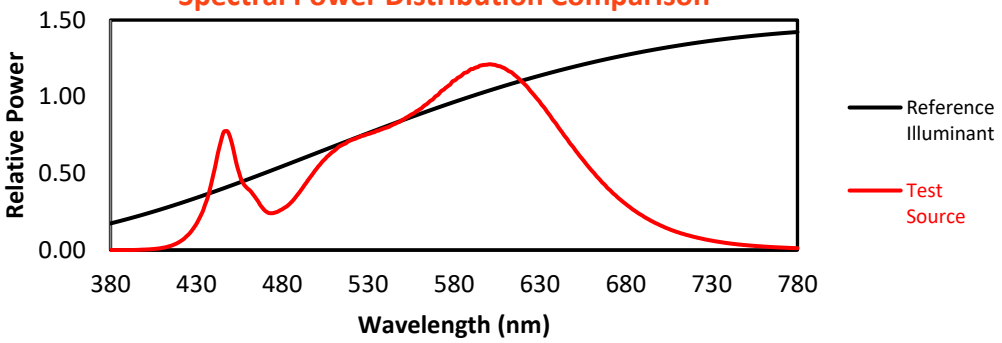
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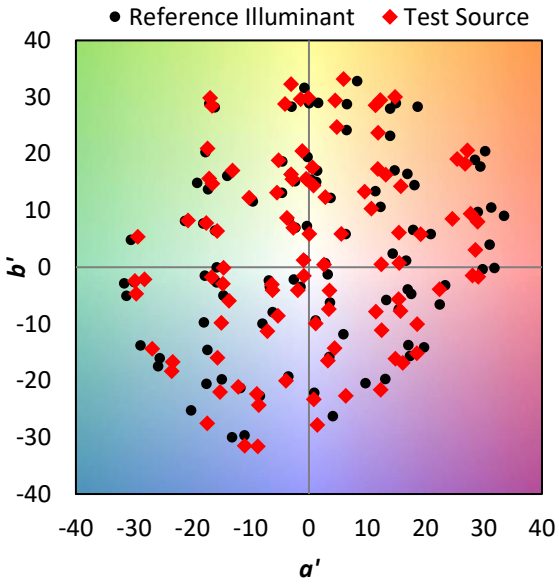
Summary

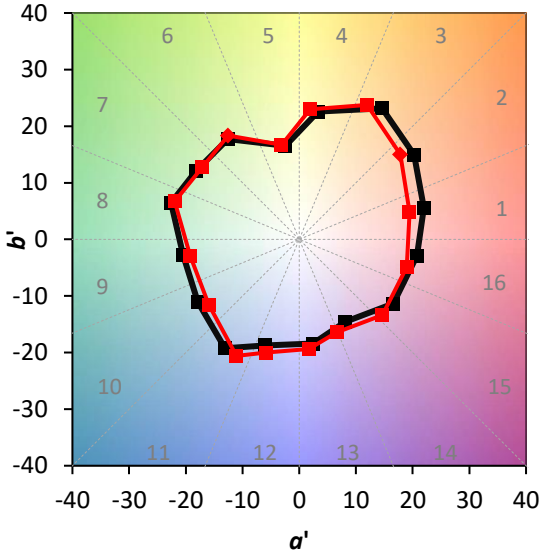
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

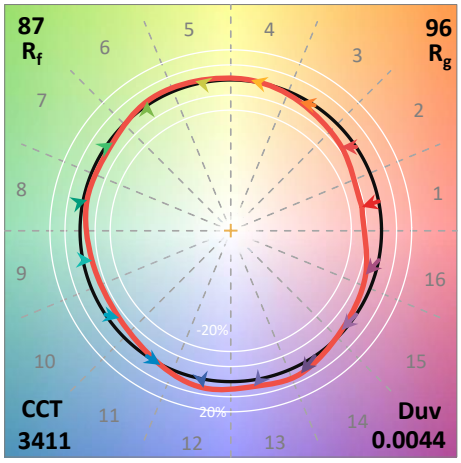
Spectral Power Distribution Comparison

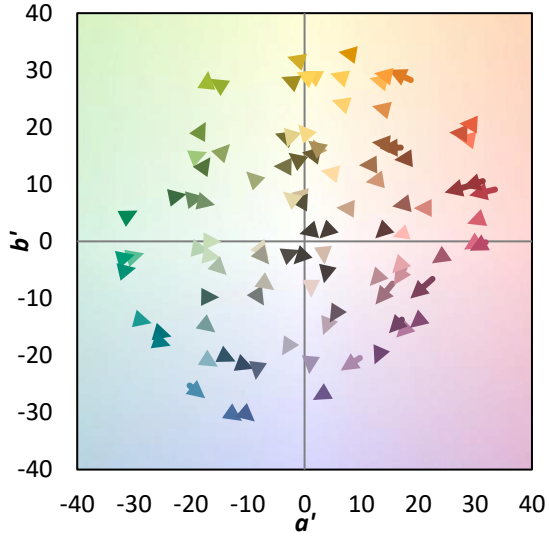


Color Vector Graphics







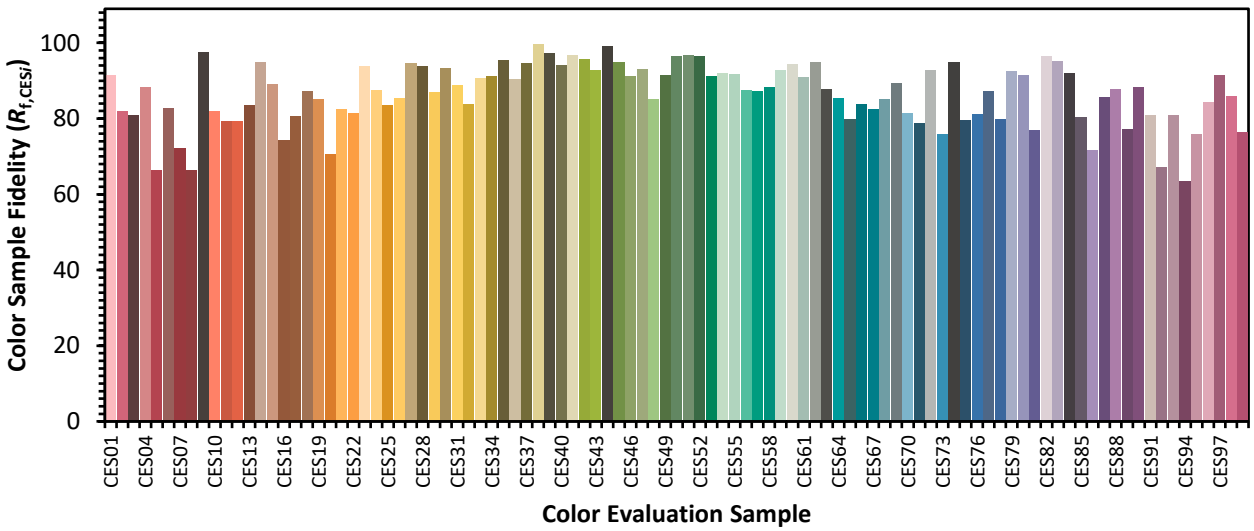


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Individual Sample Fidelity Index ($R_{f,i}$)

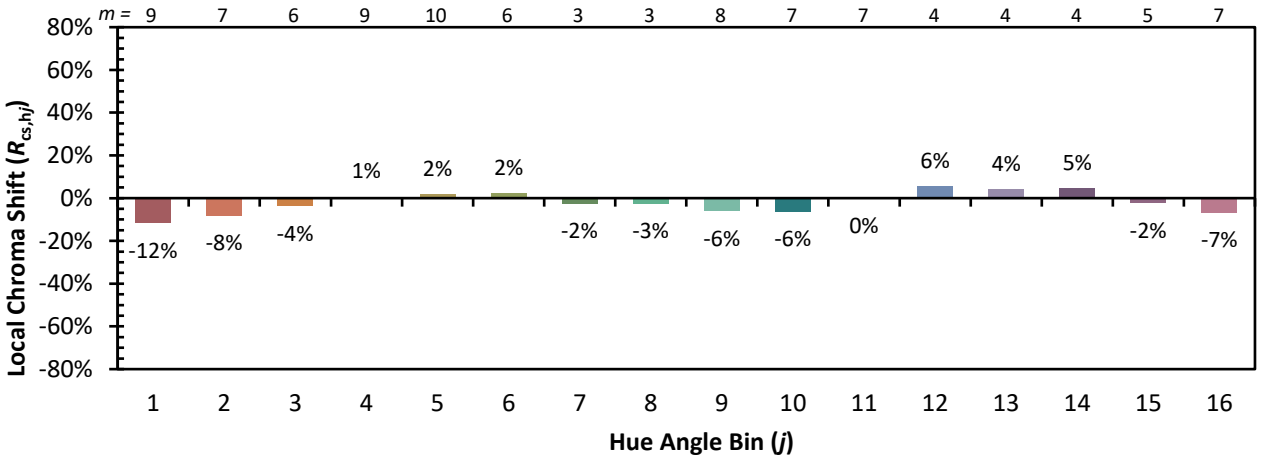
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

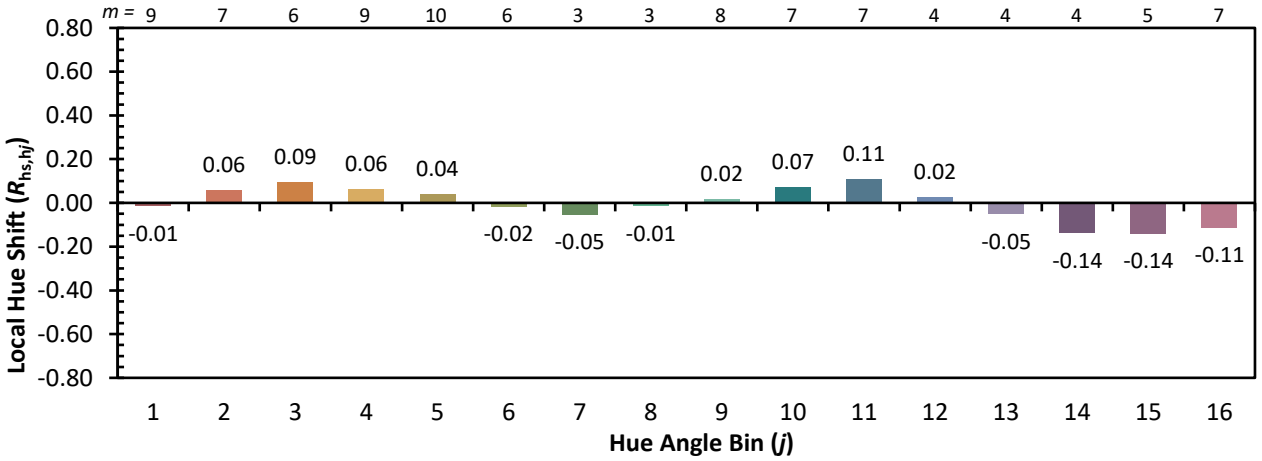


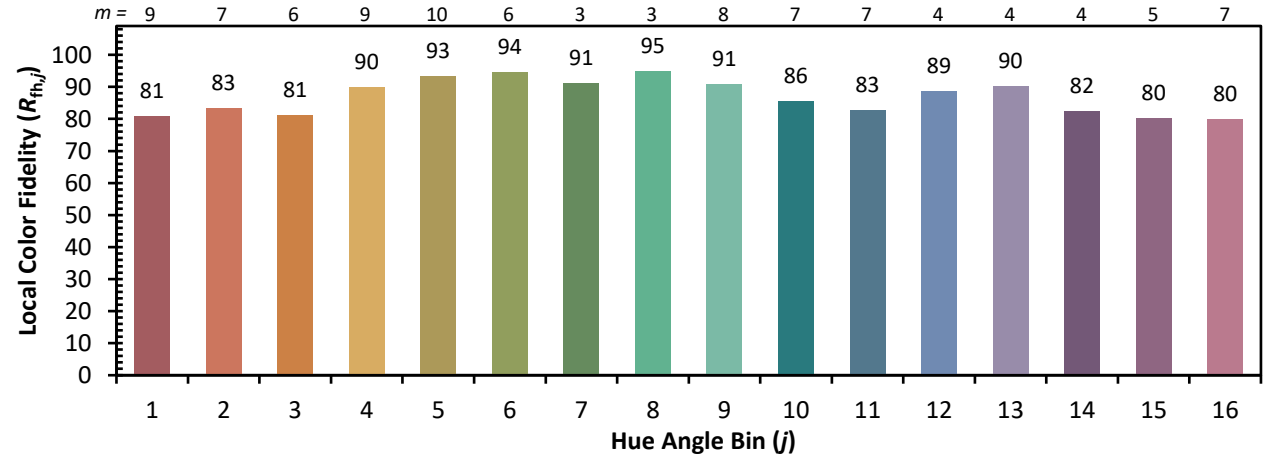
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Color Rendition by Hue-Angle Bin



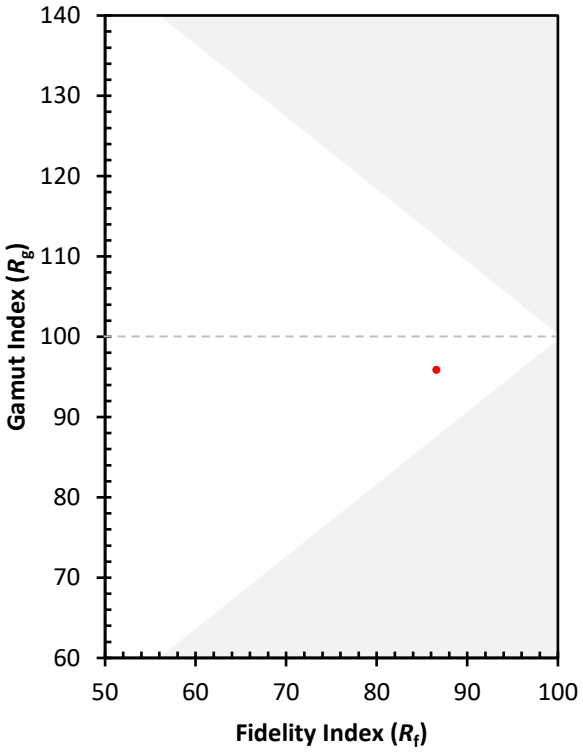


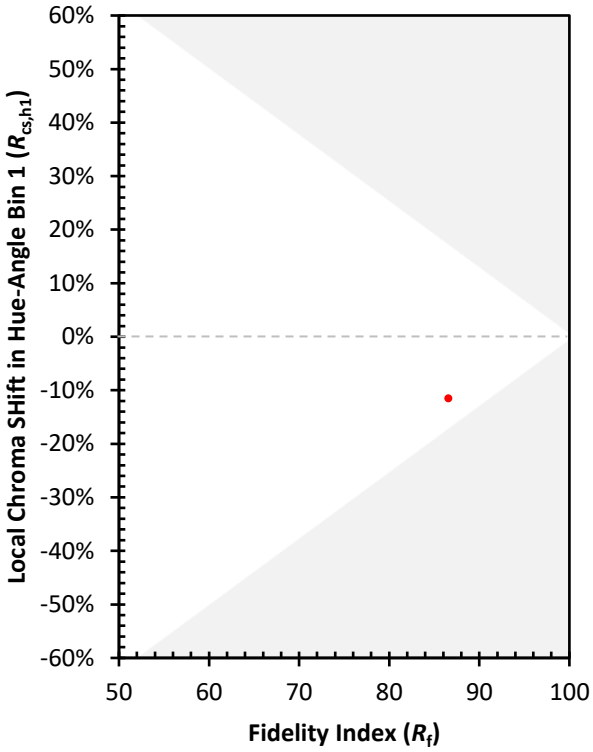


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Measure Comparisons





(END OF REPORT)