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: P1500980

Luminaire Tested: GSS-SB4D-722-U-T3LG

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:	P1500980
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-722-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27023.1 lumens
Efficiency:	N/A
Efficacy:	113.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

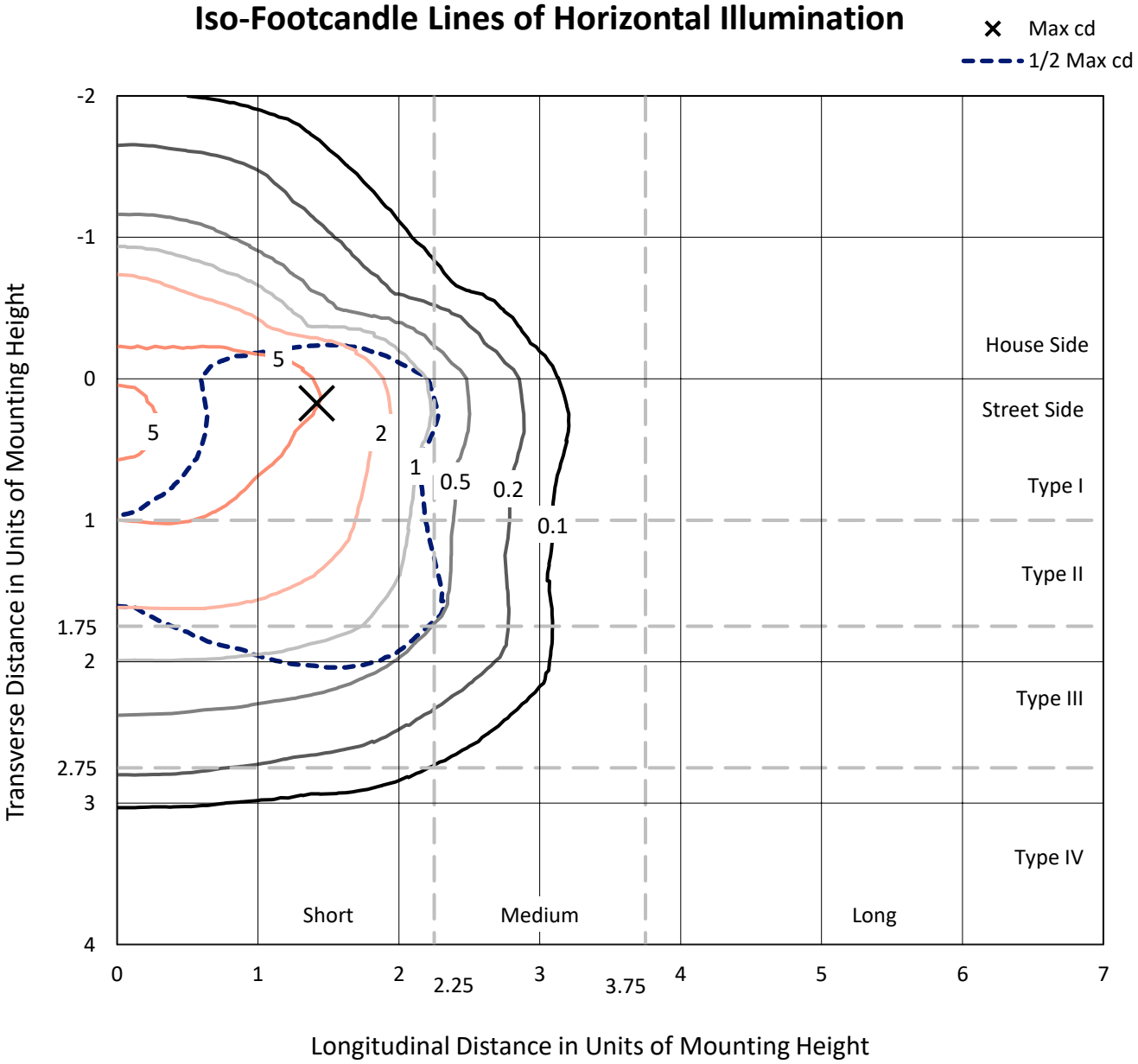
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500980
CATALOG NUMBER: GSS-SB4D-722-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



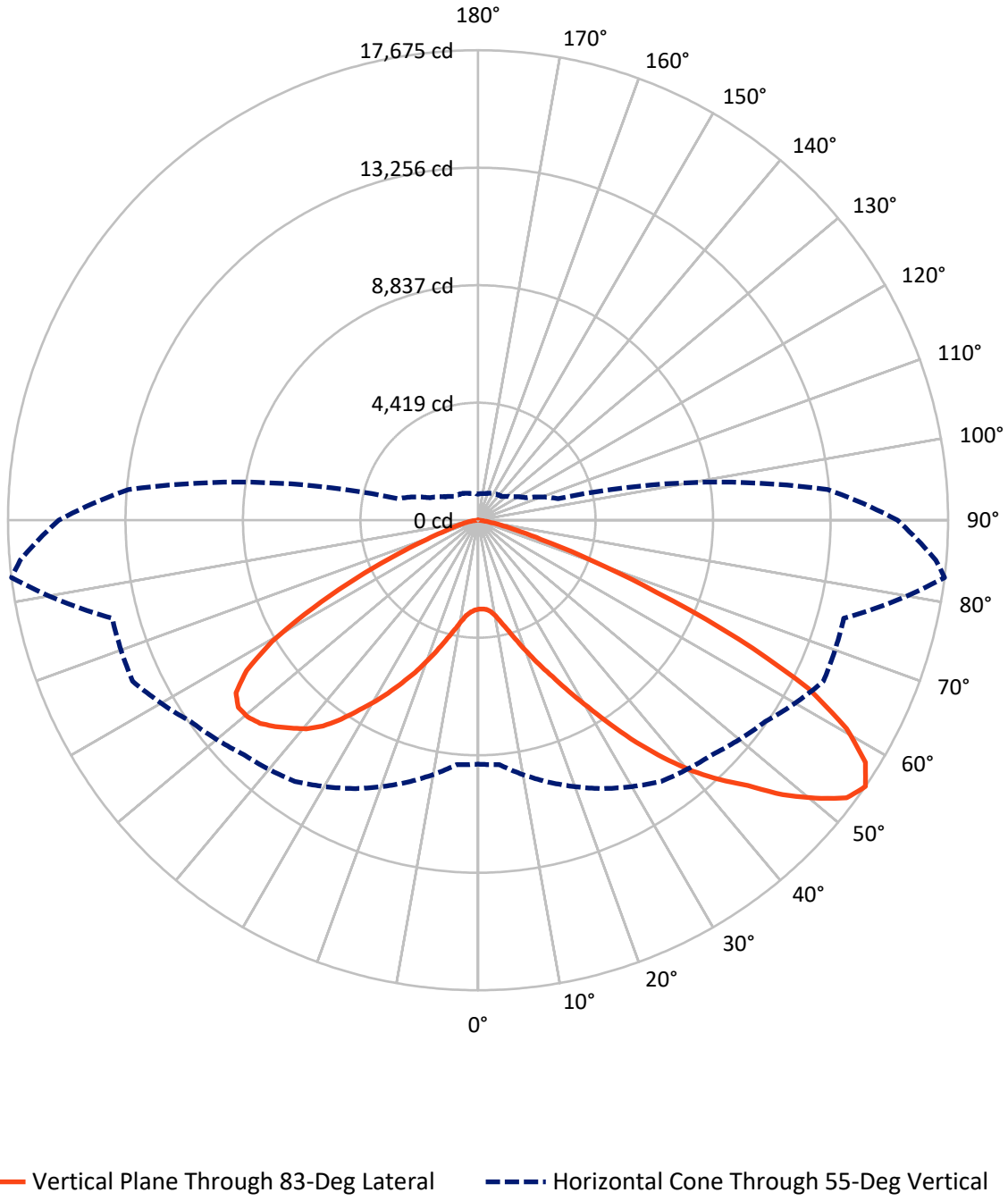
Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1500980
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Luminous Intensity Polar Plot



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Scaled Data Report

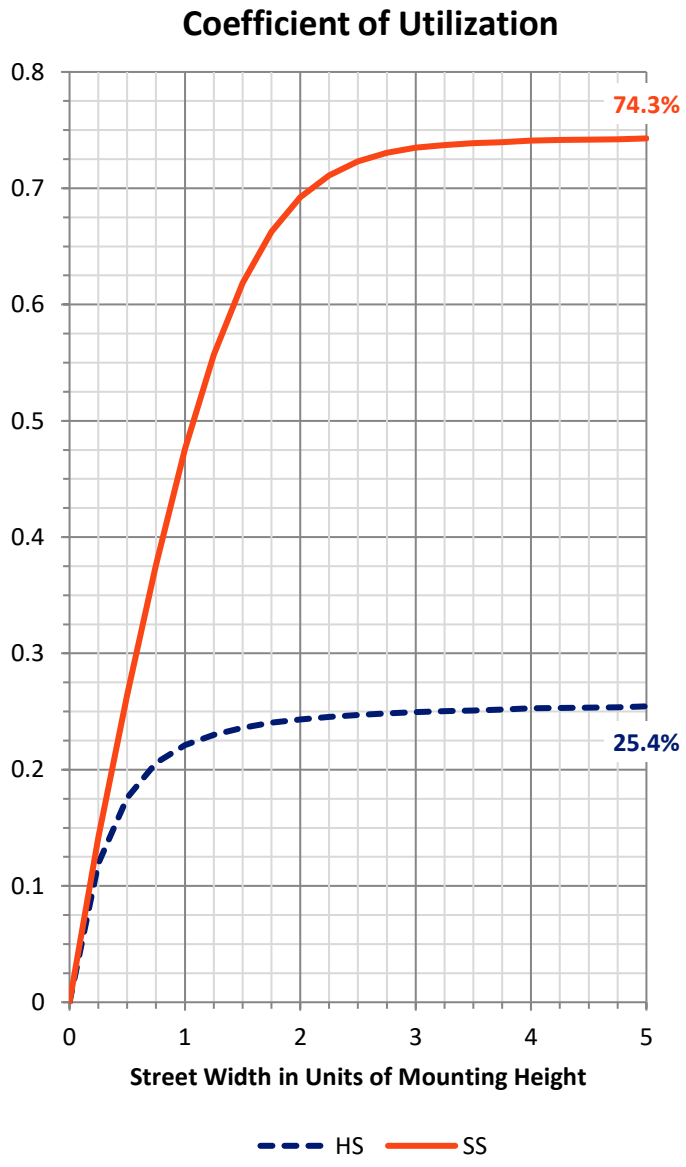
REPORT NUMBER: P1500980
CATALOG NUMBER: GSS-SB4D-722-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6934.7	0.0	6934.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	20088.4	0.0	20088.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	27023.1	0.0	27023.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	323.2	1.2
10°-20°	1052.9	3.9
20°-30°	2108.0	7.8
30°-40°	3750.4	13.9
40°-50°	5651.7	20.9
50°-60°	6887.0	25.5
60°-70°	5569.1	20.6
70°-80°	1525.3	5.6
80°-90°	155.3	0.6
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°	27023.1	100.0
0°-180°	27023.1	100.0



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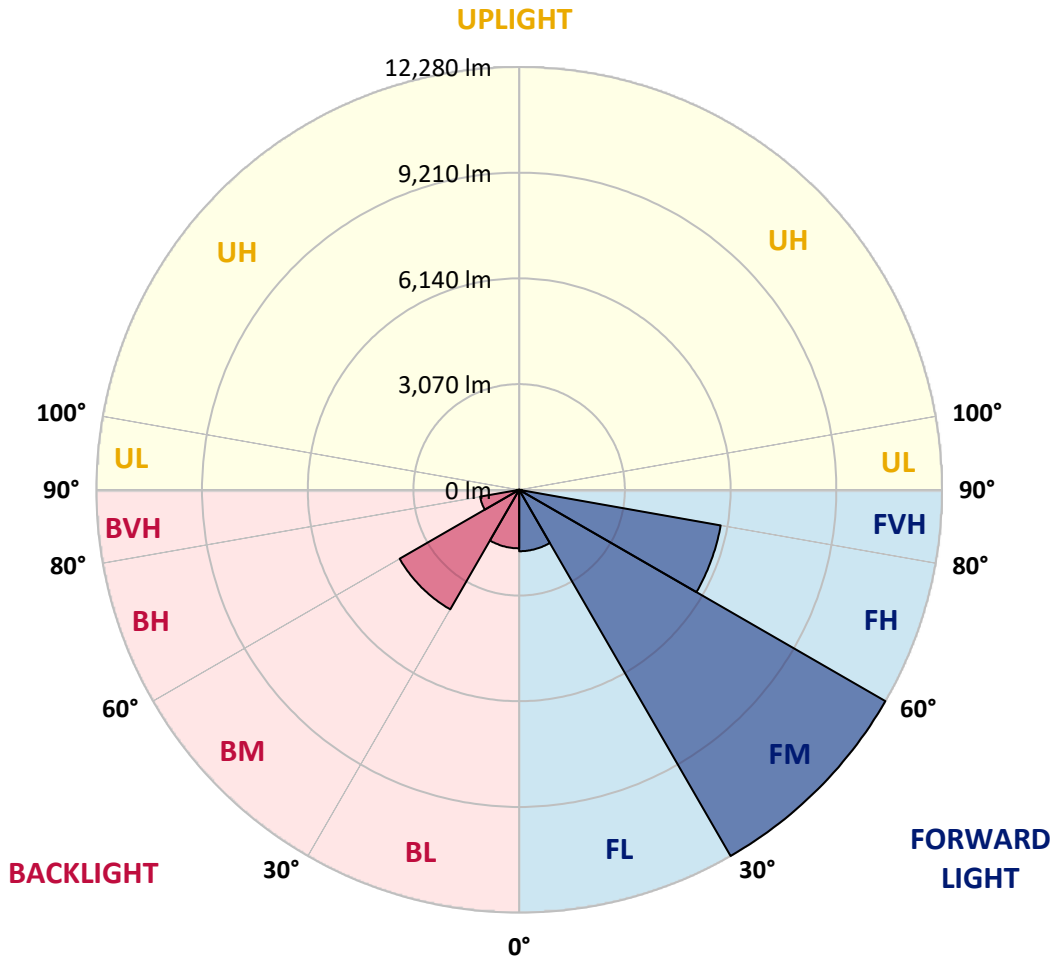
Scaled Data Report

REPORT NUMBER: P1500980
CATALOG NUMBER: GSS-SB4D-722-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1784.3	6.6			
FM	(30°-60°)	12280.1	45.4			
FH	(60°-80°)	5943.1	22.0			G3/7500
FVH	(80°-90°)	80.9	0.3			G1/100
BL	(0°-30°)	1699.9	6.3	B3/2500		
BM	(30°-60°)	4009.0	14.8	B3/5000		
BH	(60°-80°)	1151.4	4.3	B3/2500		G3/2500
BVH	(80°-90°)	74.4	0.3			G1/100
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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	*3345.2*	3345.2
2.5°	3249.1	3243.1	3237.1	3231.1	3243.1	3261.1	3279.1	3291.1	3321.1	*3345.2*	3333.2
5°	2990.8	2978.8	2990.8	3038.9	3080.9	3153.0	3225.1	3273.1	3339.2	*3369.2*	3381.2
7.5°	2762.6	2750.6	2762.6	2822.7	2894.7	3008.9	3159.0	3279.1	3399.2	*3471.3*	3483.3
10°	2762.6	2768.6	2768.6	2792.6	2828.7	2942.8	3123.0	3351.2	3561.4	*3663.5*	3687.5
12.5°	2852.7	2852.7	2852.7	2882.7	2906.8	2996.8	3201.0	3483.3	3819.6	*3969.8*	3987.8
15°	2972.8	2966.8	2984.8	3002.8	3044.9	3135.0	3339.2	3675.5	4101.9	*4330.1*	4354.1
17.5°	3141.0	3129.0	3147.0	3189.0	3249.1	3351.2	3555.4	3939.7	4492.3	*4780.5*	4816.6
20°	3327.2	3321.1	3357.2	3423.2	3507.3	3633.4	3867.7	4258.0	4936.7	*5303.0*	5369.1
22.5°	3549.4	3537.4	3603.4	3723.5	3837.6	3981.8	4264.0	4672.4	5447.2	*5885.6*	5951.6
25°	3801.6	3801.6	3891.7	4035.8	4210.0	4468.2	4750.5	5200.9	6047.7	*6516.2*	6618.3
27.5°	4216.0	4246.0	4282.1	4432.2	4678.4	5026.8	5327.1	5837.5	6702.4	*7290.9*	7326.9
30°	4888.6	4876.6	4936.7	5038.8	5243.0	5609.3	6059.7	6606.3	7531.1	*8149.7*	8239.8
32.5°	5495.2	5513.2	5597.3	5789.5	6035.7	6348.0	6888.5	7561.2	8432.0	*9146.7*	9188.7
35°	6107.8	6119.8	6282.0	6570.2	6936.6	7284.9	7873.5	8534.1	9410.9	*10257.7*	10371.8
37.5°	6966.6	6954.6	7116.7	7363.0	7855.4	8396.0	8870.4	9501.0	10347.8	*11338.8*	11470.9
40°	7609.2	7675.3	7981.6	8293.9	8756.3	9314.8	9717.2	10311.8	11116.5	*12395.8*	12515.9
42.5°	8269.8	8323.9	8732.3	9200.7	9687.2	10065.5	10377.8	10930.4	11729.1	*13332.6*	13398.7
45°	8816.4	8888.4	9356.9	9951.4	10455.9	10840.3	10948.4	11464.9	12353.7	*14233.5*	14335.6
47.5°	9164.7	9242.8	9795.3	10492.0	11008.4	11416.8	11380.8	12107.5	13020.3	*15428.6*	15392.6
50°	9404.9	9453.0	10053.5	10798.2	11470.9	11741.1	11897.3	12834.2	13705.0	*16431.6*	16299.5
52.5°	9579.1	9657.2	10203.7	11020.5	11729.1	12083.5	12503.9	13675.0	14179.4	*17350.5*	17056.2
55°	*9170.7*	*9230.8*	*10191.7*	*11134.6*	*11993.4*	*12461.8*	*13194.5*	*14329.6*	*14239.5*	*17674.8*	*17278.4*
57.5°	8750.3	8798.3	9687.2	11104.5	12281.6	12930.3	13981.3	14413.7	13705.0	*17176.3*	16677.8
60°	8221.8	8257.8	9146.7	10786.2	12287.7	13296.6	14383.6	13801.1	12714.1	*15921.1*	15446.6
62.5°	7248.9	7248.9	8227.8	9927.4	11987.4	13482.8	14275.5	12642.0	11386.8	*13945.2*	13290.6
65°	6288.0	6245.9	6906.5	8396.0	11188.6	13434.7	13464.8	11176.6	9326.8	*10756.2*	10245.7
67.5°	5243.0	5249.0	5639.3	6816.5	9062.6	12431.8	11753.1	8636.2	6498.2	*7242.9*	6978.6
70°	3549.4	3639.5	4035.8	4948.7	6834.5	8810.4	9356.9	5849.5	4053.8	*4498.3*	4282.1
72.5°	1351.3	1369.3	1831.7	2594.5	4318.1	5297.0	6528.2	3273.1	2372.2	*2480.4*	2492.4
75°	570.5	594.6	780.7	1093.0	1915.8	2888.7	3435.3	1657.6	1441.4	*1483.4*	1471.4
77.5°	384.4	396.4	474.4	588.6	864.8	1159.1	1435.4	936.9	882.8	*828.8*	804.8
80°	288.3	288.3	342.3	396.4	486.5	594.6	624.6	474.4	528.5	*438.4*	426.4
82.5°	186.2	198.2	216.2	234.2	276.3	294.3	252.2	258.2	306.3	*228.2*	216.2
85°	90.1	96.1	102.1	108.1	108.1	102.1	90.1	114.1	156.1	*96.1*	90.1
87.5°	12.0	12.0	12.0	12.0	12.0	12.0	6.0	6.0	6.0	*6.0*	6.0
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: P1500980
CATALOG NUMBER: GSS-SB4D-722-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2	3345.2
2.5°	3351.2	3375.2	3393.2	3405.2	3435.3	3429.3	3447.3	3459.3	3471.3	3489.3	3465.3
5°	3411.2	3453.3	3501.3	3537.4	3573.4	3591.4	3597.4	3609.4	3615.4	3627.4	3621.4
7.5°	3543.4	3591.4	3663.5	3699.5	3729.5	3729.5	3711.5	3705.5	3687.5	3699.5	3699.5
10°	3765.6	3837.6	3915.7	3921.7	3885.7	3843.6	3777.6	3741.5	3693.5	3681.5	3669.5
12.5°	4089.9	4186.0	4246.0	4204.0	4077.9	3921.7	3747.6	3585.4	3459.3	3405.2	3393.2
15°	4456.2	4576.3	4588.4	4468.2	4240.0	3861.7	3495.3	3315.1	3249.1	3249.1	3243.1
17.5°	4960.7	5044.8	4996.7	4708.5	4198.0	3579.4	3315.1	3285.1	3303.1	3327.2	3327.2
20°	5489.2	5585.3	5387.1	4876.6	3939.7	3411.2	3333.2	3357.2	3399.2	3423.2	3417.2
22.5°	6119.8	6167.8	5783.5	4882.6	3663.5	3369.2	3369.2	3399.2	3429.3	3465.3	3465.3
25°	6768.4	6750.4	6149.8	4660.4	3507.3	3357.2	3345.2	3369.2	3381.2	3399.2	3393.2
27.5°	7495.1	7399.0	6432.1	4306.1	3459.3	3321.1	3261.1	3237.1	3249.1	3267.1	3273.1
30°	8329.9	8101.7	6660.3	4083.9	3441.3	3237.1	3092.9	3026.9	3014.9	3038.9	3038.9
32.5°	9296.8	8804.3	6798.4	4053.8	3423.2	3086.9	2894.7	2768.6	2744.6	2756.6	2786.6
35°	10287.8	9651.2	6762.4	4131.9	3429.3	2966.8	2684.5	2516.4	2492.4	2504.4	2534.4
37.5°	11326.7	10455.9	6624.3	4252.0	3381.2	2804.7	2492.4	2288.2	2252.1	2276.2	2288.2
40°	12131.5	11134.6	6282.0	4300.1	3297.1	2600.5	2270.2	2096.0	1999.9	1993.9	2023.9
42.5°	12876.2	11669.1	5909.6	4222.0	3123.0	2384.3	2041.9	1867.8	1717.6	1603.5	1603.5
45°	13620.9	12209.6	5531.2	3999.8	2834.7	2156.0	1801.7	1567.5	1393.3	1309.2	1315.2
47.5°	14365.6	12732.1	5080.8	3663.5	2546.4	1915.8	1543.5	1357.3	1237.2	1171.1	1171.1
50°	15056.3	13110.4	4504.3	3129.0	2216.1	1675.6	1363.3	1255.2	1165.1	1105.0	1093.0
52.5°	15662.9	13362.7	3723.5	2480.4	1855.8	1405.3	1267.2	1183.1	1117.1	1051.0	1033.0
55°	*15771.0*	*13194.5*	*3117.0*	*1993.9*	*1531.5*	*1261.2*	*1195.1*	*1123.1*	*1033.0*	*1003.0*	*984.9*
57.5°	15104.3	12305.7	2630.5	1681.6	1309.2	1159.1	1135.1	1051.0	978.9	948.9	930.9
60°	13969.2	10690.1	2174.1	1441.4	1165.1	1063.0	1093.0	1009.0	894.8	876.8	858.8
62.5°	11927.3	8341.9	1735.6	1213.2	1057.0	990.9	1021.0	900.9	804.8	780.7	774.7
65°	9272.8	5969.7	1459.4	1069.0	972.9	918.9	906.9	798.8	726.7	708.7	708.7
67.5°	6474.1	3795.6	1219.2	978.9	864.8	828.8	822.8	750.7	702.7	684.6	684.6
70°	3963.8	2300.2	1027.0	894.8	762.7	696.7	738.7	726.7	654.6	636.6	630.6
72.5°	2060.0	1375.3	900.9	822.8	642.6	594.6	660.6	666.6	606.6	630.6	624.6
75°	1195.1	954.9	786.7	726.7	510.5	498.5	576.5	636.6	588.6	606.6	594.6
77.5°	684.6	612.6	606.6	594.6	402.4	408.4	516.5	570.5	504.5	522.5	480.5
80°	378.4	396.4	420.4	372.4	282.3	318.3	414.4	456.4	384.4	378.4	348.3
82.5°	198.2	246.2	282.3	240.2	162.2	192.2	282.3	282.3	246.2	234.2	228.2
85°	90.1	102.1	132.1	120.1	60.1	72.1	132.1	144.1	126.1	114.1	108.1
87.5°	6.0	6.0	6.0	6.0	6.0	6.0	12.0	18.0	6.0	6.0	6.0
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

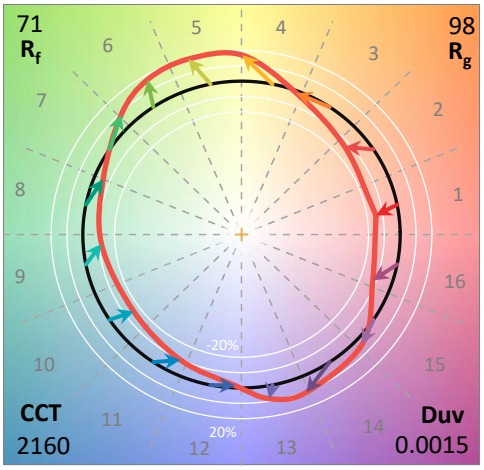
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

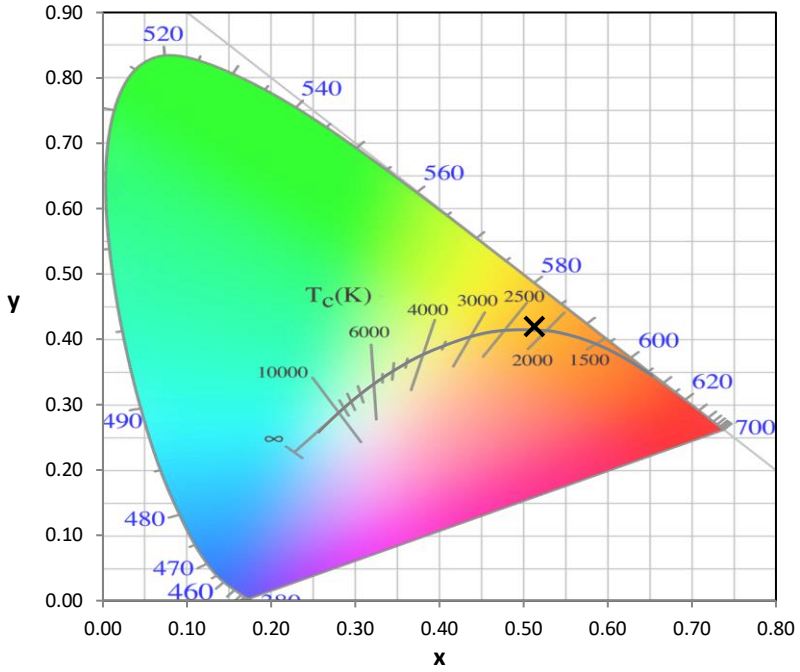
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

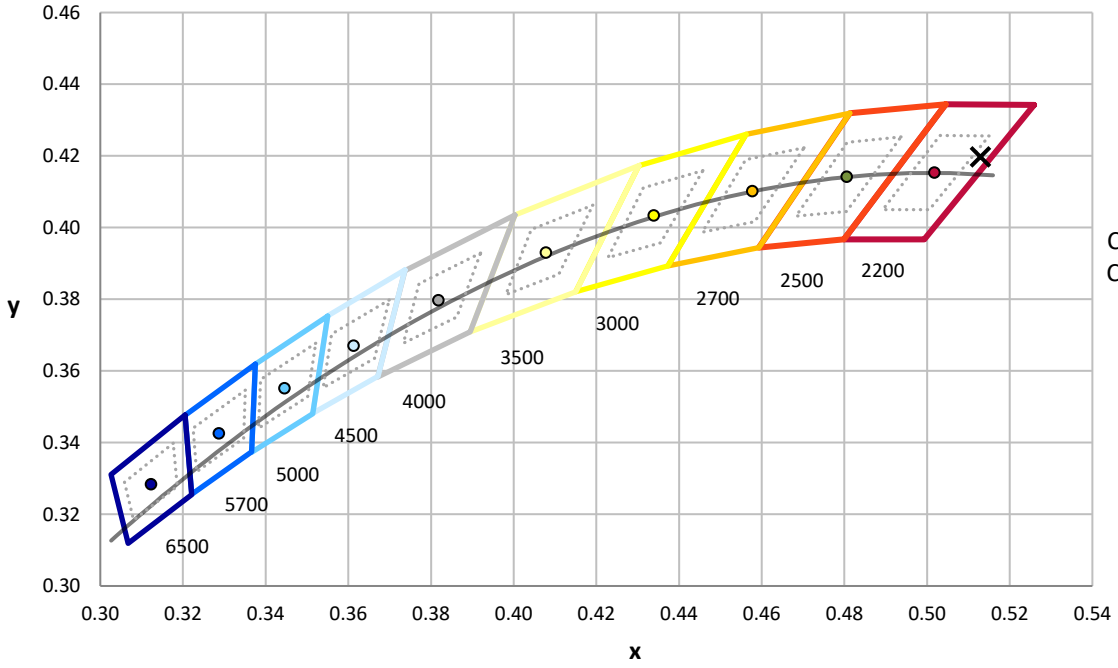
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

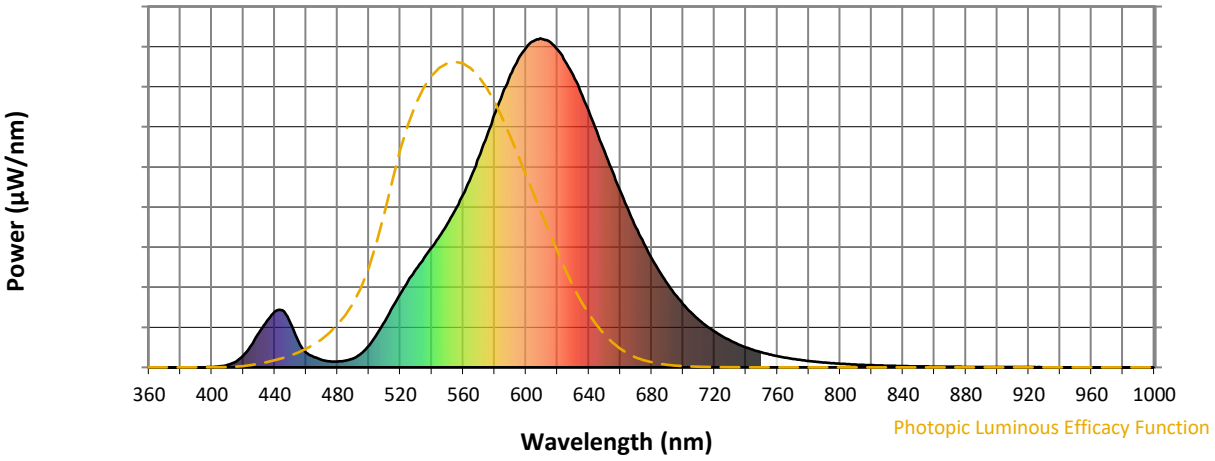


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

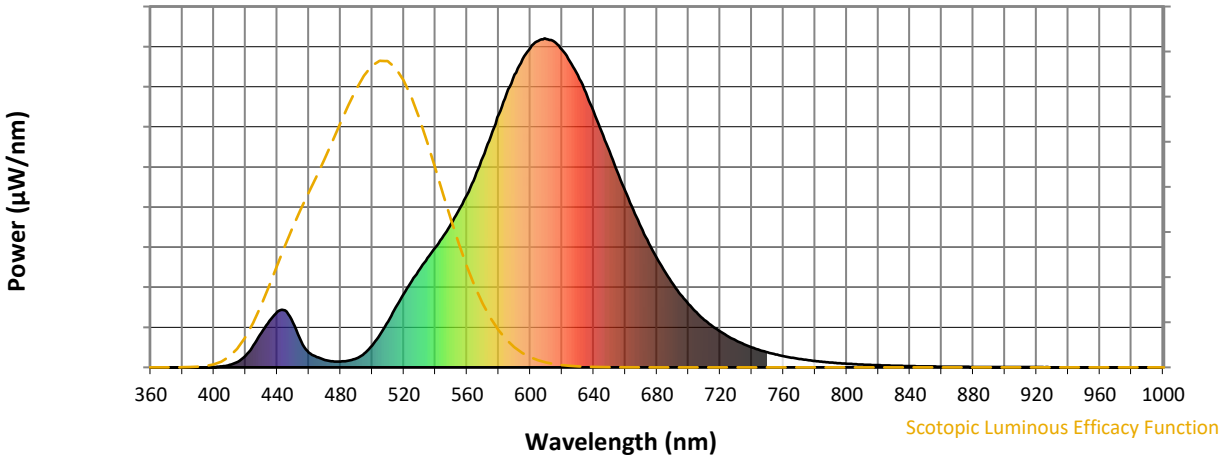


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

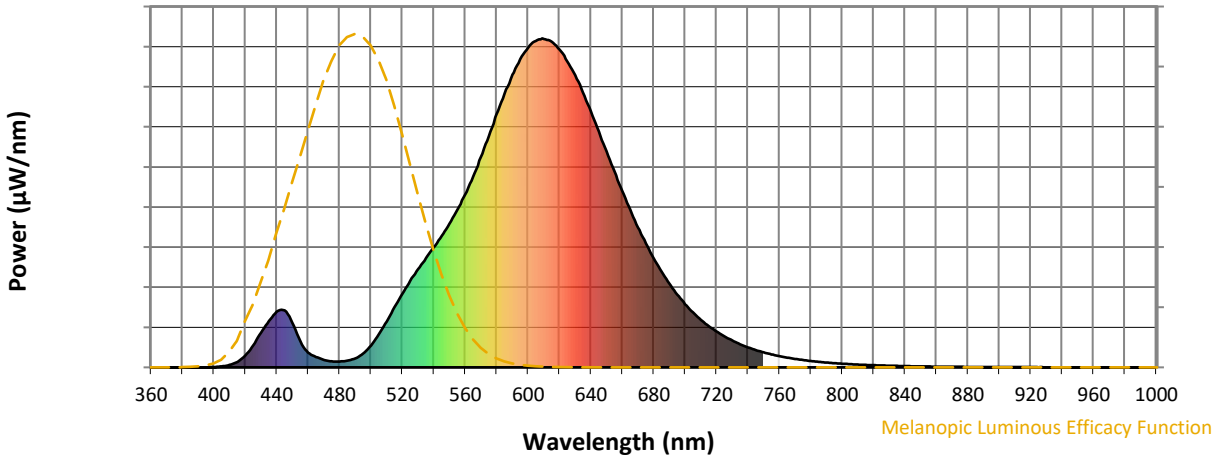


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

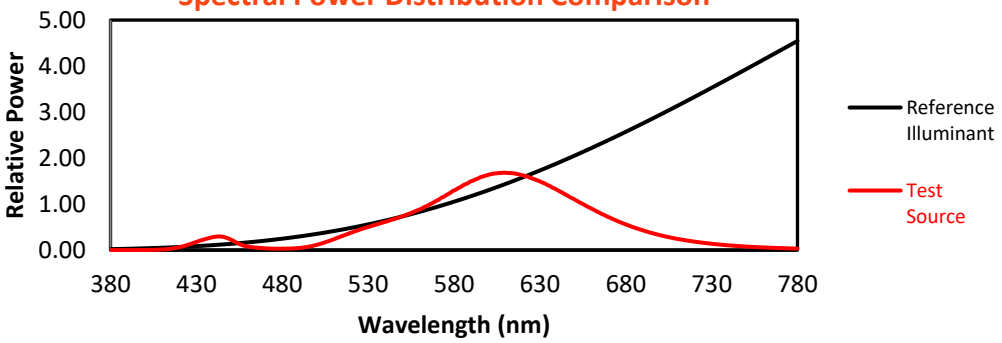
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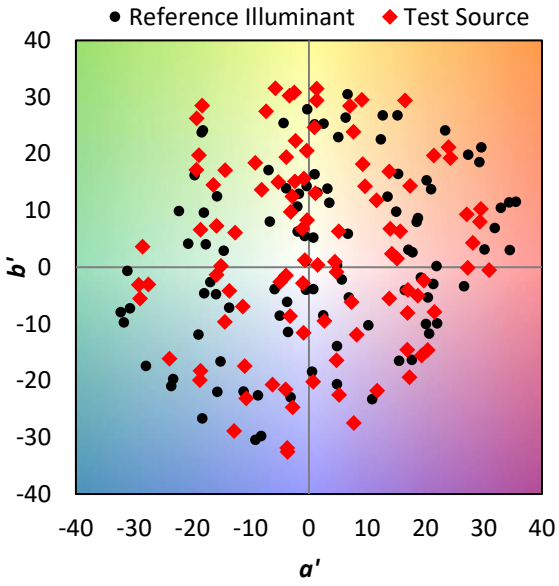
Summary

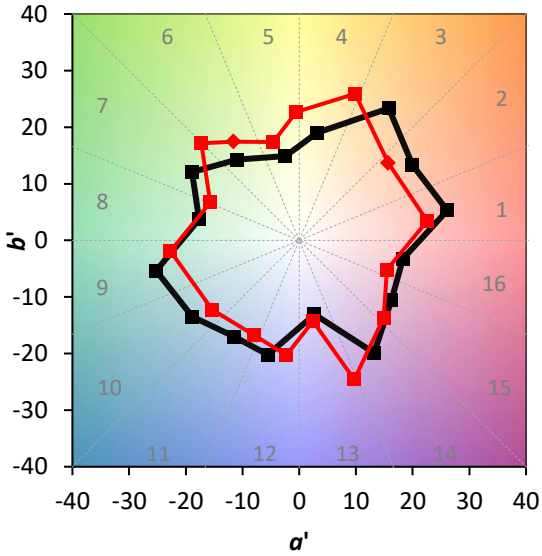
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

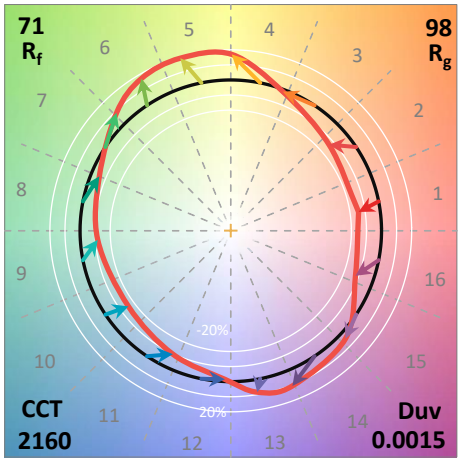
Spectral Power Distribution Comparison

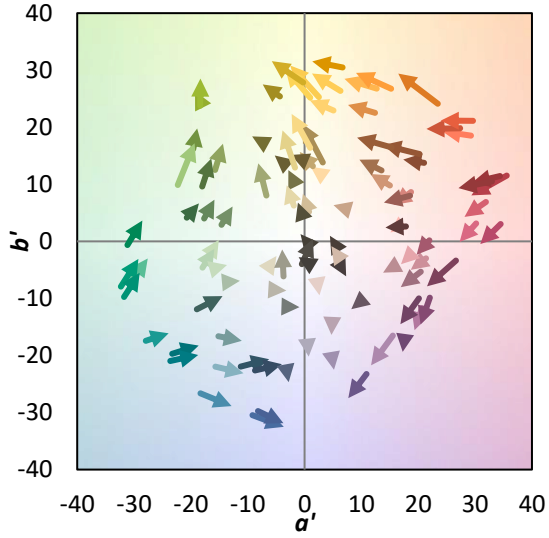


Color Vector Graphics







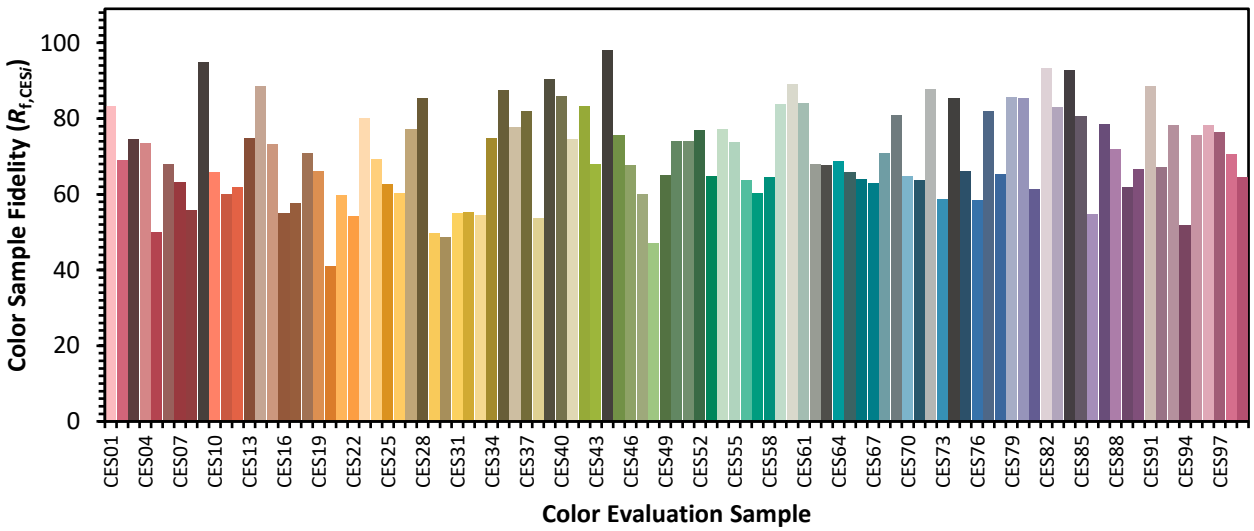


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Individual Sample Fidelity Index ($R_{f,i}$)

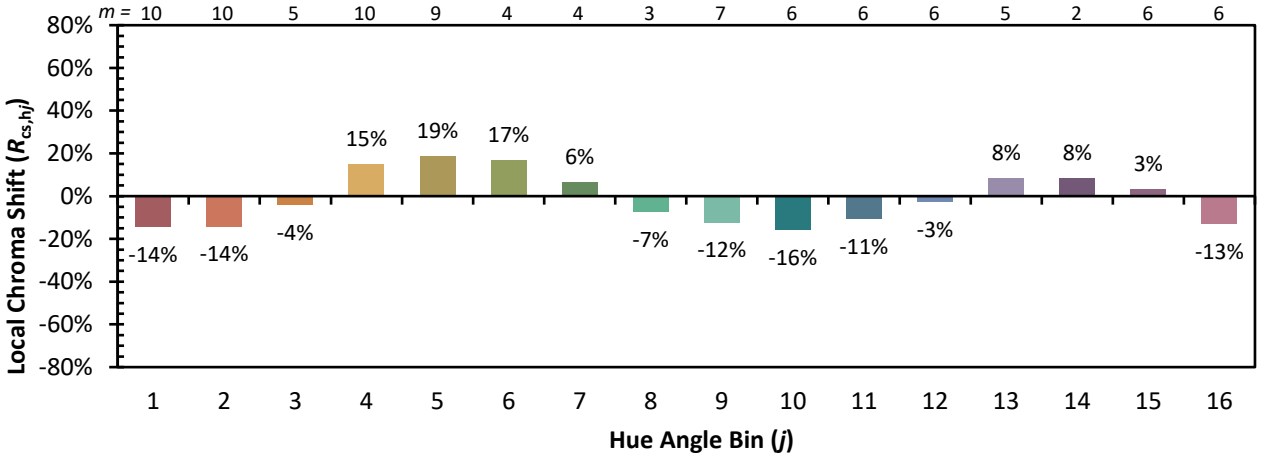
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

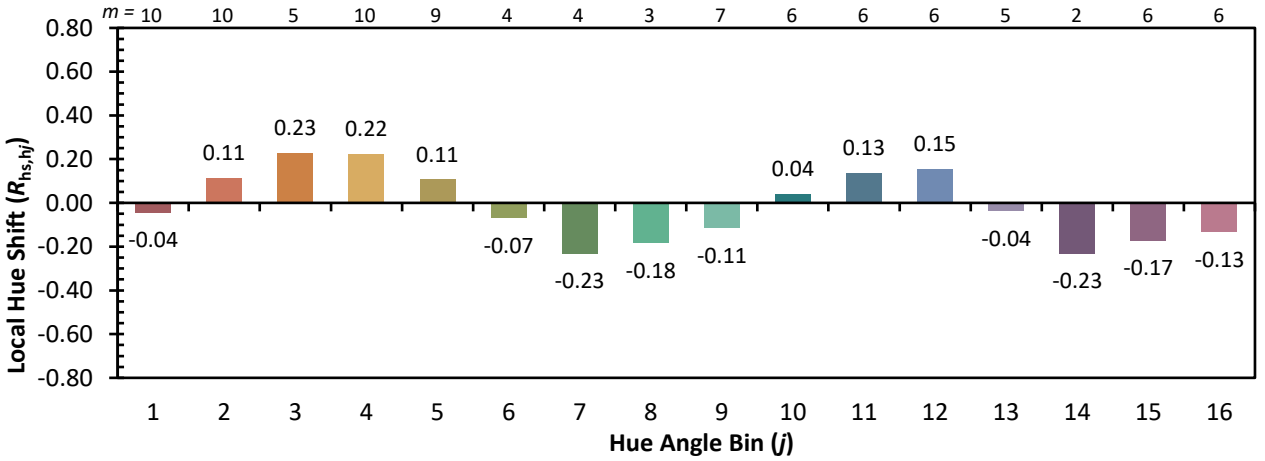


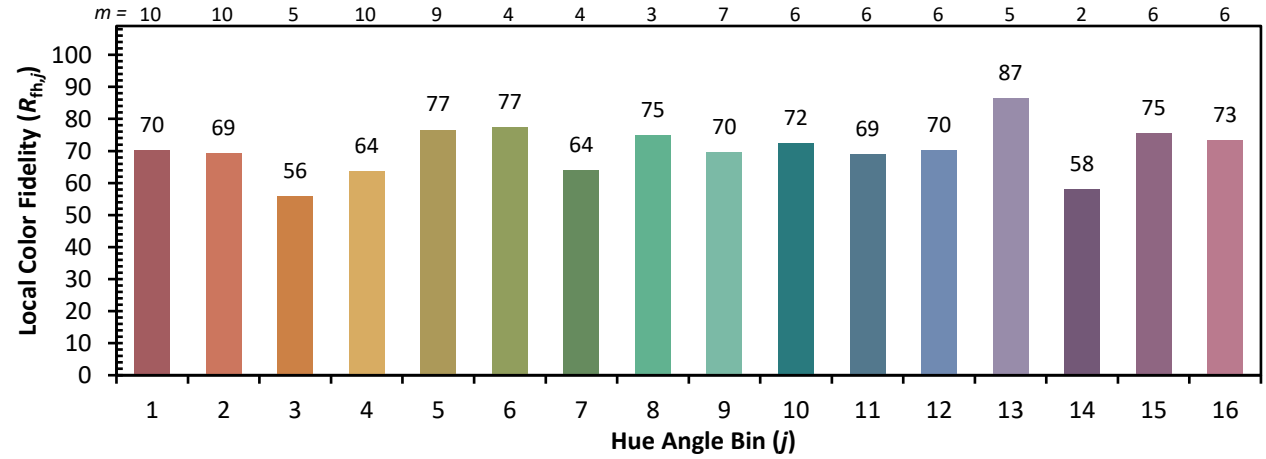
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Color Rendition by Hue-Angle Bin



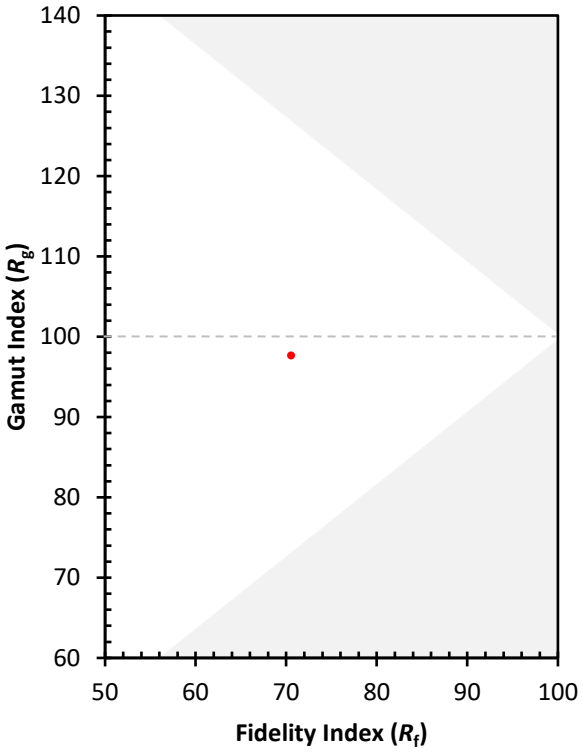


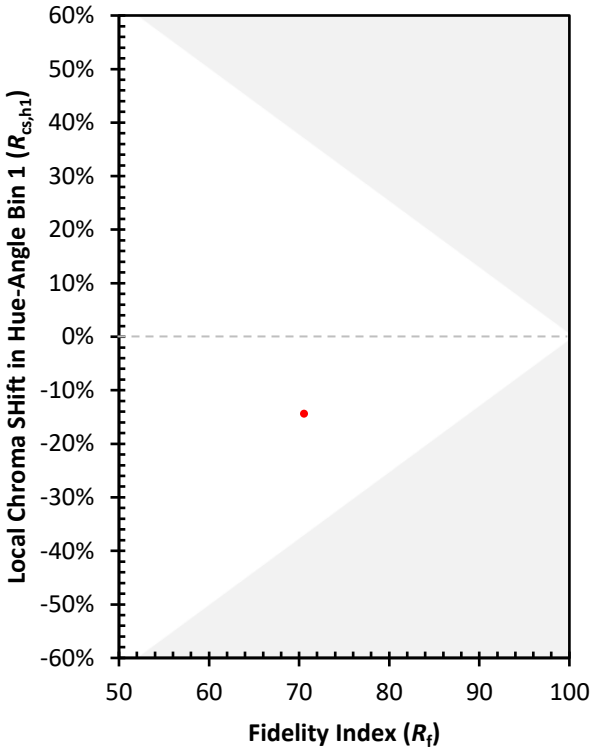


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Measure Comparisons





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