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: P1500596

Luminaire Tested: GSS-SB4D-722-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:	P1500596
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-722-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26529.1 lumens
Efficiency:	N/A
Efficacy:	111.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

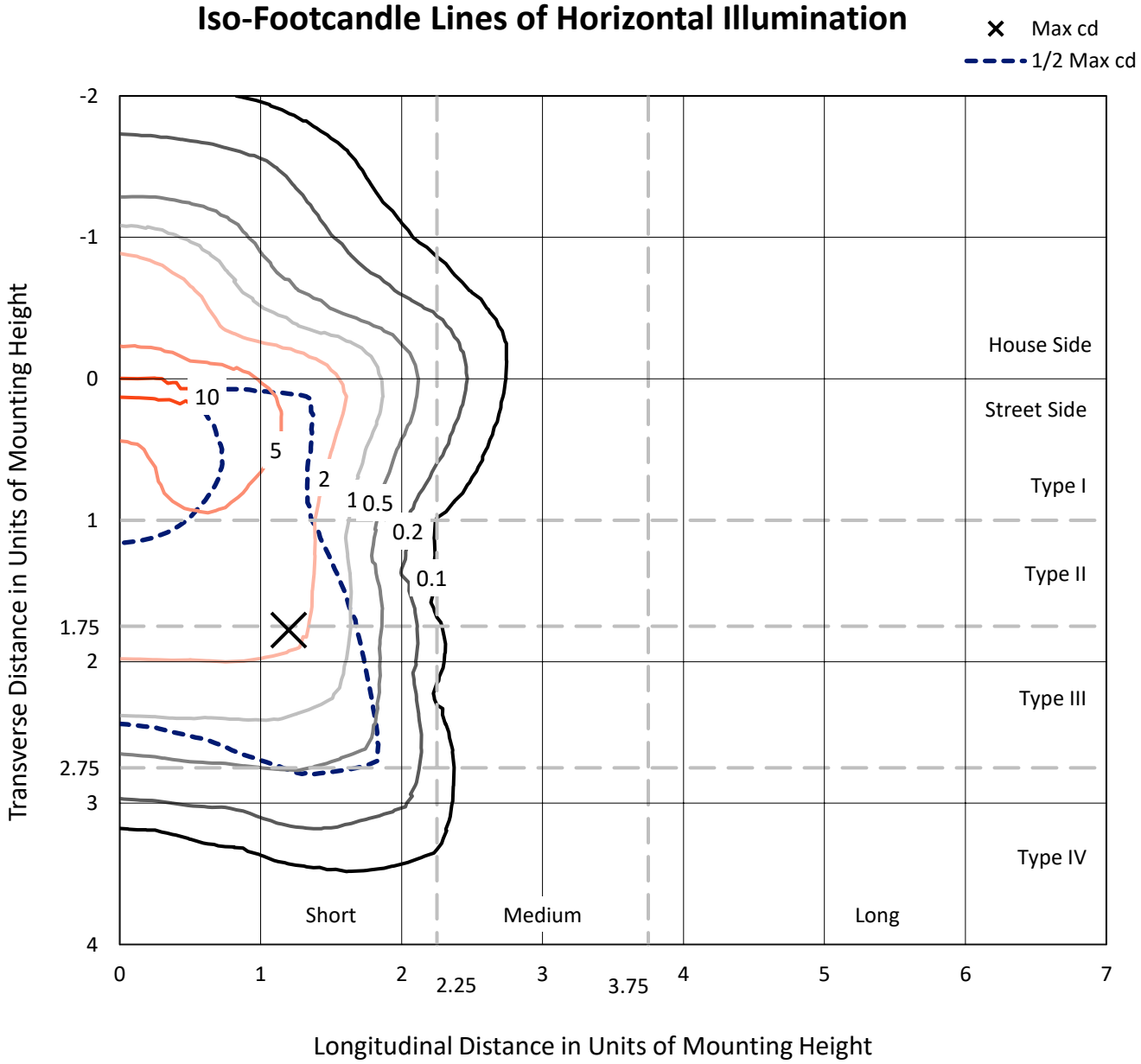
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500596
CATALOG NUMBER: GSS-SB4D-722-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



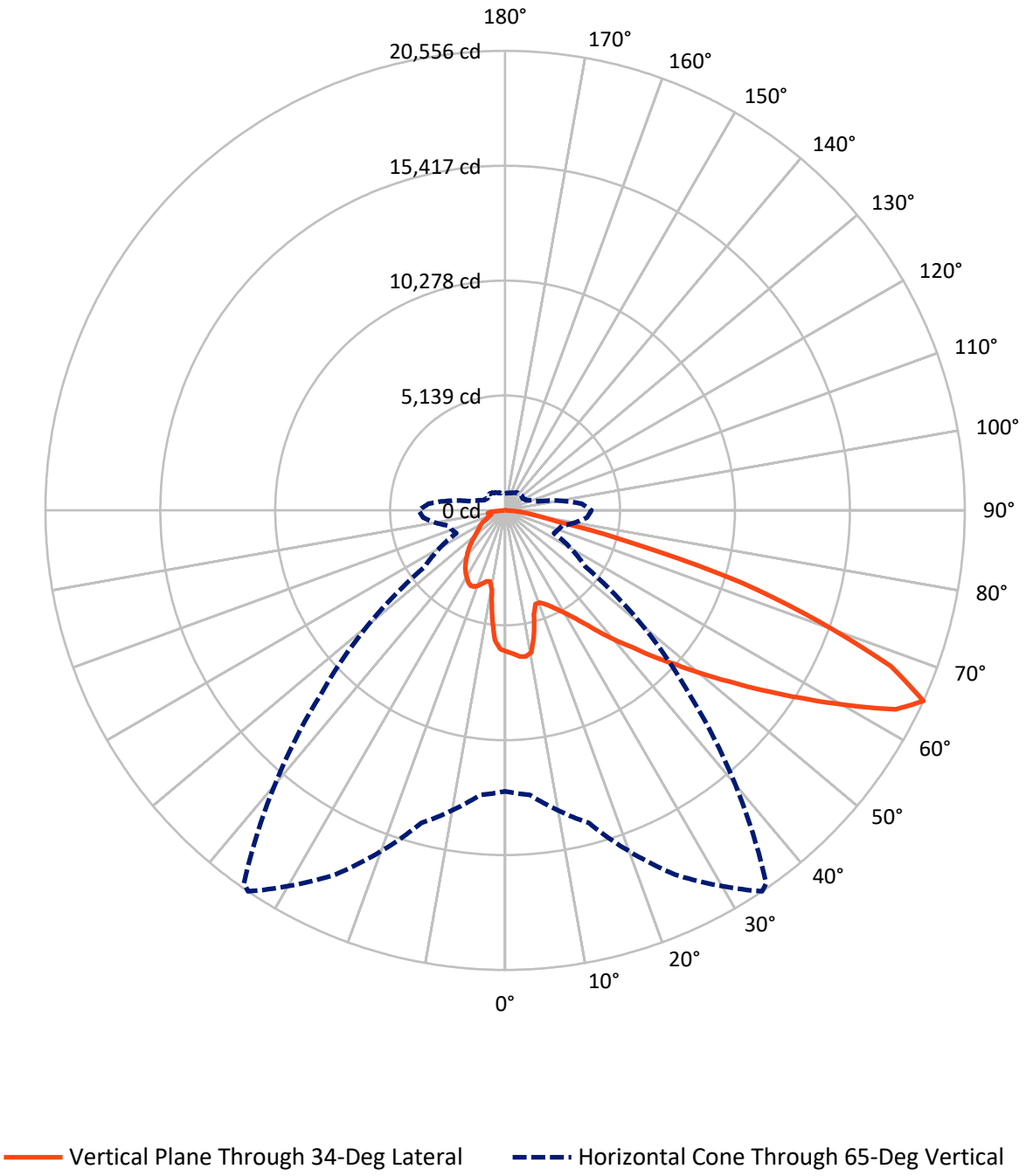
Based on 25 foot mounting height. Maximum calculated value = 10.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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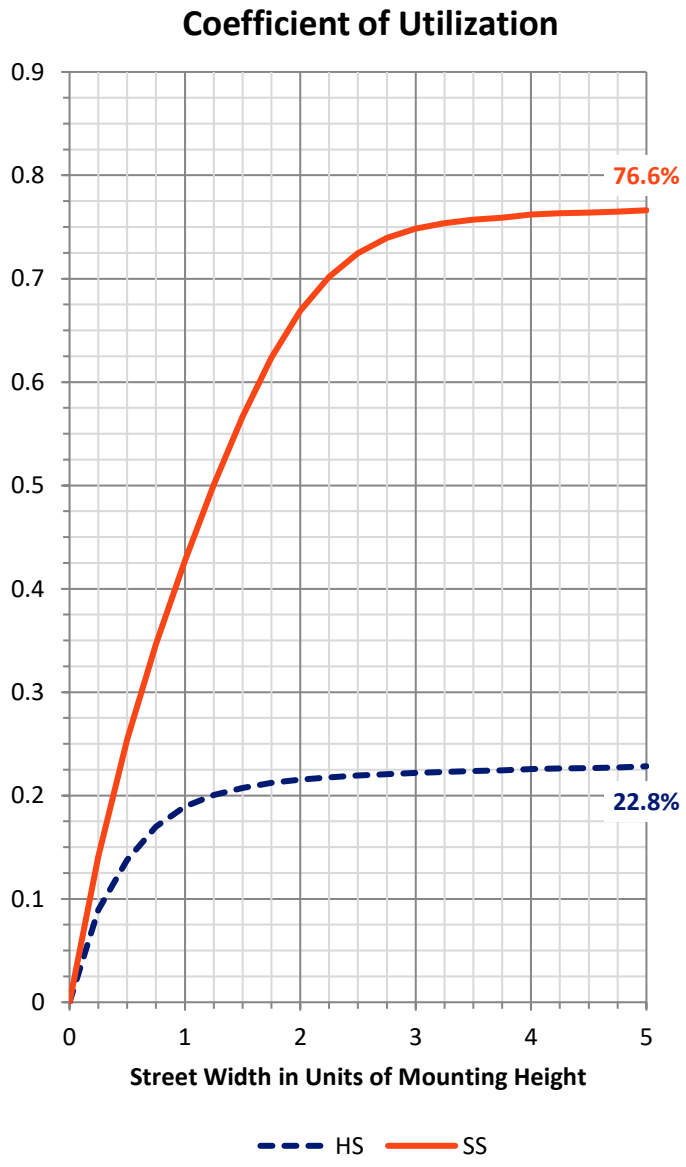
REPORT NUMBER: P1500596
CATALOG NUMBER: GSS-SB4D-722-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6172.2	0.0	6172.2
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	20356.9	0.0	20356.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	26529.1	0.0	26529.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	568.6	2.1
10°-20°	1431.1	5.4
20°-30°	2372.3	8.9
30°-40°	3567.8	13.4
40°-50°	4998.3	18.8
50°-60°	6302.1	23.8
60°-70°	5420.3	20.4
70°-80°	1611.5	6.1
80°-90°	257.1	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°	26529.1	100.0
0°-180°	26529.1	100.0



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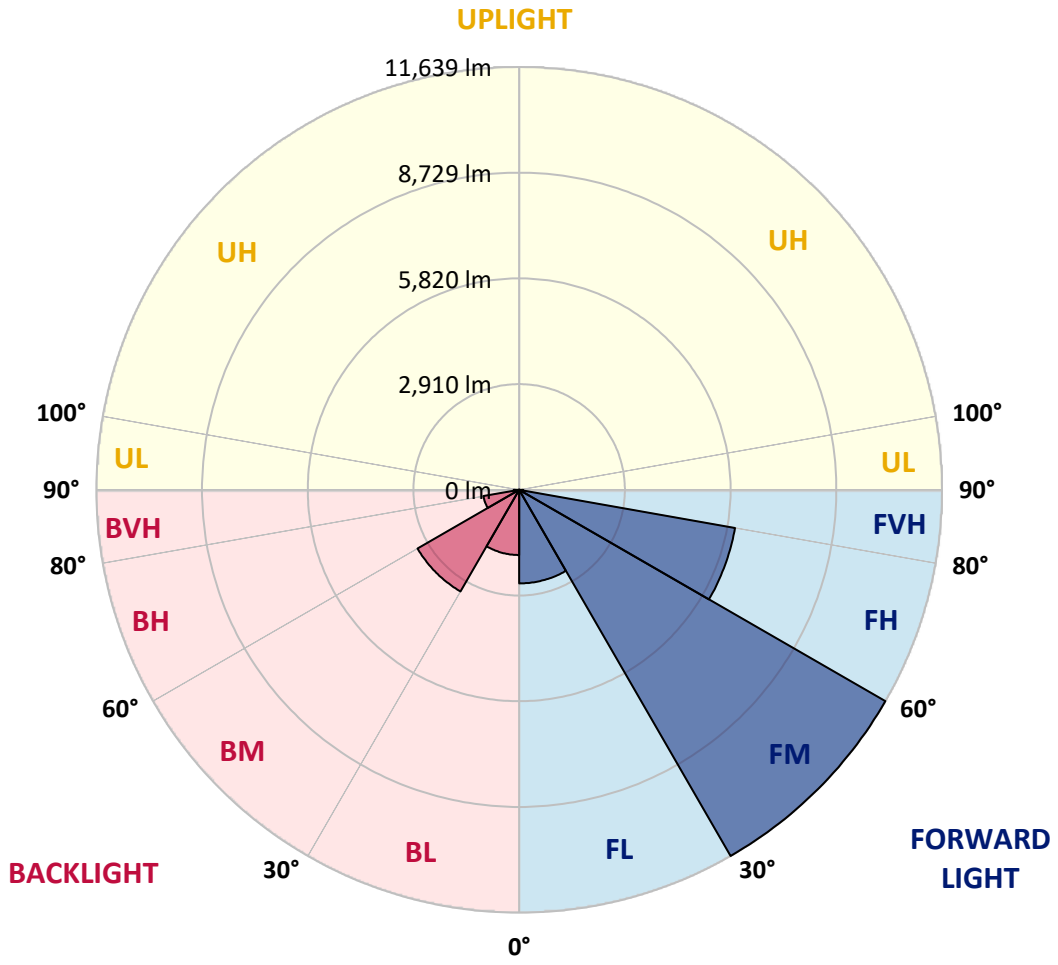
Scaled Data Report

REPORT NUMBER: P1500596
CATALOG NUMBER: GSS-SB4D-722-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2576.2	9.7			
FM	(30°-60°)	11639.1	43.9			
FH	(60°-80°)	6032.9	22.7			G3/7500
FVH	(80°-90°)	108.8	0.4			G2/225
BL	(0°-30°)	1795.8	6.8	B3/2500		
BM	(30°-60°)	3229.1	12.2	B3/5000		
BH	(60°-80°)	998.9	3.8	B2/1000		G2/1000
BVH	(80°-90°)	148.3	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4
2.5°	6427.5	6463.6	6421.5	6403.5	6409.5	6415.5	6385.5	6391.5	6355.5	6355.5	6325.4
5°	6565.7	6571.7	6547.7	6565.7	6559.7	6553.7	6553.7	6547.7	6469.6	6451.6	6421.5
7.5°	6487.6	6511.6	6523.6	6589.7	6607.7	6643.8	6667.8	6679.8	6619.8	6571.7	6493.6
10°	5772.8	5790.8	5929.0	6229.3	6457.6	6499.6	6721.9	6848.0	6806.0	6782.0	6649.8
12.5°	4613.4	4643.4	4799.6	5190.1	5724.7	5838.8	6547.7	6974.2	7070.3	7076.3	6884.1
15°	4114.8	4114.8	4162.9	4385.1	4817.6	4907.8	5953.0	7010.2	7352.6	7394.7	7160.4
17.5°	4012.7	4006.7	4036.7	4168.9	4397.2	4451.2	5268.2	6824.0	7689.0	7761.1	7460.7
20°	4006.7	3988.7	4048.7	4198.9	4397.2	4445.2	4949.8	6499.6	7953.3	8181.6	7761.1
22.5°	4012.7	4012.7	4096.8	4313.1	4541.3	4583.4	5009.9	6229.3	8169.6	8620.1	8079.5
25°	4078.8	4066.8	4186.9	4451.2	4763.6	4793.6	5256.2	6217.3	8355.8	9112.7	8463.9
27.5°	4186.9	4192.9	4355.1	4673.5	5027.9	5088.0	5598.6	6475.6	8584.1	9653.3	8836.4
30°	4415.2	4421.2	4613.4	4937.8	5346.3	5424.4	5995.0	6860.0	8908.4	10236.0	9238.8
32.5°	4673.5	4703.5	4937.8	5316.2	5754.7	5796.8	6481.6	7436.7	9395.0	10818.7	9671.3
35°	5106.0	5136.0	5400.3	5796.8	6283.4	6343.4	7076.3	8103.5	9989.7	11407.4	10007.7
37.5°	5664.6	5688.7	5947.0	6427.5	6944.1	7004.2	7737.1	8812.3	10590.4	11875.9	10308.1
40°	6331.4	6385.5	6661.8	7130.4	7653.0	7689.0	8457.9	9497.1	11239.2	12200.3	10428.2
42.5°	7058.3	7112.3	7394.7	7911.3	8391.8	8500.0	9238.8	10224.0	11767.8	12344.5	10332.1
45°	7989.4	7977.4	8241.7	8782.3	9347.0	9389.0	10073.8	10824.7	12086.2	12224.3	10236.0
47.5°	9118.7	9130.7	9298.9	9737.4	10320.1	10416.2	10944.8	11341.3	12272.4	12128.2	10127.9
50°	10392.2	10422.2	10566.4	10884.8	11509.5	11575.6	11731.8	11701.7	12386.5	11924.0	10169.9
52.5°	11665.7	11683.7	11875.9	12212.3	12819.0	12867.1	12524.7	11978.0	11960.0	11101.0	10079.8
55°	12710.9	12704.9	13047.3	13563.9	14302.8	14272.7	13305.6	11767.8	10626.5	9821.5	9677.3
57.5°	13618.0	13654.0	14098.5	14993.6	15924.7	15900.6	14140.6	10656.5	8680.2	8307.7	9022.6
60°	14434.9	14519.0	15354.0	16693.6	17720.8	17576.6	14290.8	8980.5	6751.9	6505.6	7725.1
62.5°	14080.5	14236.7	15576.3	18189.3	19601.0	19282.6	13365.7	6956.2	4571.4	4349.1	5460.4
65°	12566.7	12777.0	14477.0	17973.1	20556.1	20357.9	11683.7	4373.1	2408.8	2643.1	3676.3
67.5°	10554.4	10806.7	12644.8	16146.9	18597.8	18171.3	9076.6	2300.7	1123.3	1742.0	2282.7
70°	5784.8	6409.5	9142.7	13732.1	14897.5	14302.8	5250.2	1087.3	817.0	1087.3	1363.6
72.5°	2174.5	2324.7	3964.6	9232.8	11034.9	10302.1	1994.3	702.8	684.8	804.9	985.2
75°	1045.2	1117.3	1724.0	4198.9	6025.1	5616.6	979.1	522.6	588.7	630.7	714.8
77.5°	624.7	672.8	1075.3	2438.9	2372.8	2180.6	600.7	402.5	474.6	450.5	420.5
80°	372.4	414.5	654.8	1387.6	1429.7	1267.5	366.4	282.3	330.4	288.3	258.3
82.5°	216.3	234.3	342.4	624.7	907.1	835.0	210.2	168.2	240.3	192.2	144.2
85°	108.1	114.1	156.2	270.3	450.5	342.4	90.1	78.1	114.1	84.1	48.1
87.5°	24.0	24.0	24.0	30.0	42.0	42.0	12.0	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: P1500596
CATALOG NUMBER: GSS-SB4D-722-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4	6307.4
2.5°	6319.4	6331.4	6289.4	6241.3	6229.3	6193.3	6205.3	6181.2	6145.2	6151.2	6157.2
5°	6379.5	6355.5	6271.4	6163.2	6067.1	5959.0	5832.8	5688.7	5586.5	5544.5	5580.5
7.5°	6433.5	6409.5	6265.3	6025.1	5700.7	5250.2	4781.6	4355.1	4060.8	3952.6	3976.7
10°	6583.7	6487.6	6223.3	5700.7	4925.8	4072.8	3598.2	3333.9	3243.8	3195.7	3201.8
12.5°	6782.0	6649.8	6145.2	5136.0	3964.6	3424.0	3255.8	3195.7	3165.7	3153.7	3165.7
15°	7022.2	6818.0	5959.0	4427.2	3520.1	3309.9	3273.8	3279.8	3279.8	3285.9	3285.9
17.5°	7232.5	6914.1	5622.6	3916.6	3430.0	3370.0	3406.0	3436.0	3436.0	3442.0	3436.0
20°	7424.7	6962.2	5190.1	3700.3	3448.0	3478.1	3562.2	3592.2	3598.2	3592.2	3592.2
22.5°	7628.9	6992.2	4757.6	3580.2	3490.1	3580.2	3670.3	3712.4	3724.4	3730.4	3736.4
25°	7827.2	6932.1	4403.2	3484.1	3472.1	3598.2	3700.3	3754.4	3766.4	3766.4	3772.4
27.5°	8025.4	6914.1	4162.9	3357.9	3388.0	3490.1	3610.2	3682.3	3730.4	3736.4	3742.4
30°	8253.7	6860.0	3934.6	3189.7	3201.8	3327.9	3454.0	3580.2	3676.3	3718.4	3718.4
32.5°	8409.9	6806.0	3730.4	3009.5	3009.5	3141.7	3297.9	3454.0	3592.2	3676.3	3694.3
35°	8560.0	6757.9	3550.2	2829.3	2835.3	2961.5	3123.7	3291.9	3466.1	3568.2	3616.2
37.5°	8638.1	6709.9	3424.0	2691.2	2667.1	2799.3	2907.4	3045.6	3231.8	3400.0	3442.0
40°	8656.1	6709.9	3412.0	2595.0	2492.9	2643.1	2691.2	2787.3	2955.5	3135.7	3201.8
42.5°	8536.0	6643.8	3472.1	2535.0	2312.7	2420.8	2474.9	2523.0	2631.1	2781.3	2835.3
45°	8391.8	6553.7	3526.1	2450.9	2090.5	2174.5	2258.6	2264.7	2312.7	2348.8	2384.8
47.5°	8271.7	6457.6	3430.0	2294.7	1862.2	1922.3	2012.4	2012.4	1988.3	1916.2	1892.2
50°	8367.8	6487.6	3267.8	2072.4	1651.9	1694.0	1790.1	1736.0	1682.0	1531.8	1513.8
52.5°	8451.9	6601.7	3075.6	1856.2	1471.7	1513.8	1609.9	1525.8	1417.7	1297.5	1279.5
55°	8313.7	6607.7	2721.2	1615.9	1345.6	1381.6	1471.7	1369.6	1267.5	1195.4	1183.4
57.5°	7899.3	6427.5	2348.8	1429.7	1237.5	1273.5	1357.6	1255.5	1159.4	1153.4	1183.4
60°	6986.2	5796.8	2006.4	1309.5	1135.3	1177.4	1261.5	1153.4	1027.2	973.1	991.2
62.5°	5274.2	4457.2	1718.0	1171.4	1039.2	1093.3	1153.4	979.1	871.0	847.0	823.0
65°	*3856.5*	*3424.0*	*1543.8*	*1063.2*	*949.1*	*1015.2*	*967.1*	*871.0*	*798.9*	*774.9*	*762.9*
67.5°	2492.9	2324.7	1327.6	961.1	865.0	919.1	853.0	804.9	726.9	714.8	732.9
70°	1525.8	1579.9	1111.3	847.0	780.9	768.9	780.9	732.9	648.8	666.8	690.8
72.5°	1081.3	1165.4	955.1	738.9	666.8	642.8	696.8	666.8	606.7	624.7	648.8
75°	774.9	865.0	786.9	606.7	564.7	552.6	648.8	666.8	624.7	636.7	654.8
77.5°	456.5	552.6	558.7	468.5	426.5	492.6	690.8	768.9	738.9	702.8	684.8
80°	294.3	330.4	396.5	300.4	300.4	426.5	756.9	937.1	804.9	714.8	702.8
82.5°	150.2	174.2	258.3	192.2	180.2	318.4	744.9	895.0	889.0	792.9	774.9
85°	42.0	54.1	120.1	84.1	72.1	168.2	558.7	672.8	600.7	438.5	444.5
87.5°	6.0	6.0	0.0	0.0	6.0	24.0	66.1	12.0	12.0	12.0	12.0
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

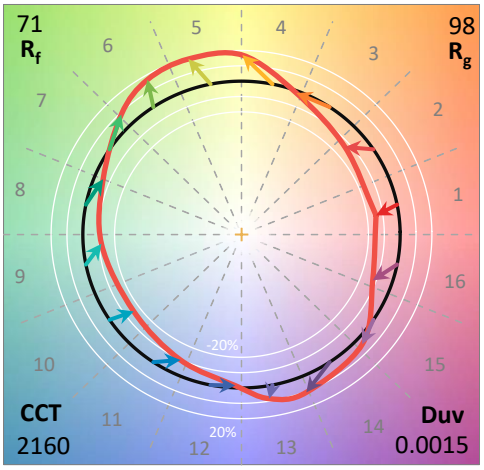
Test Information

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

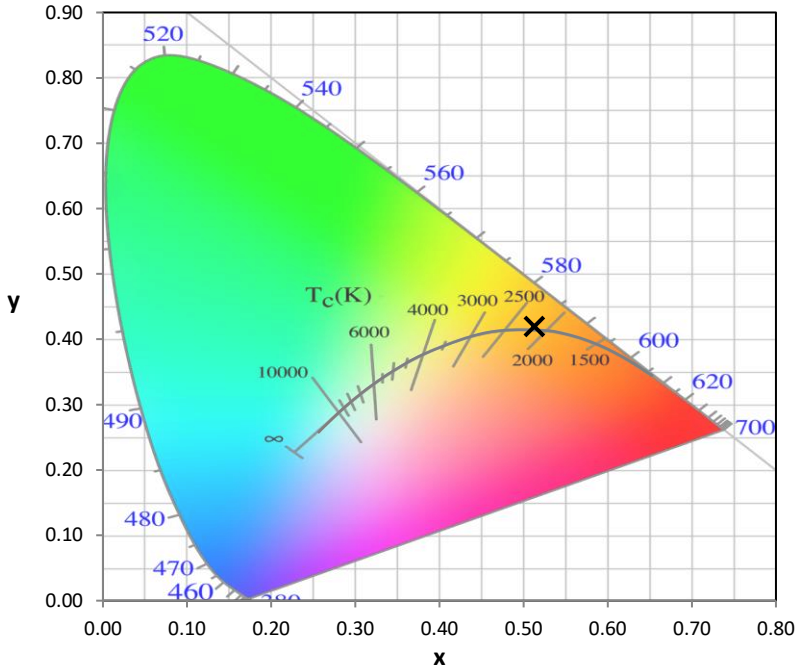
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

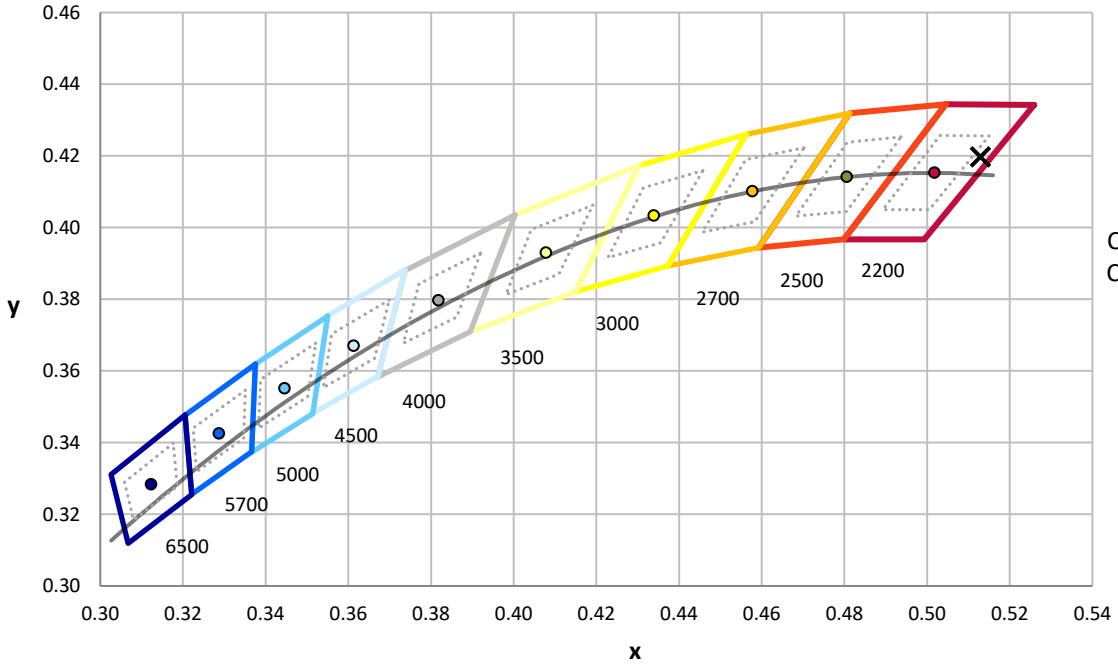
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

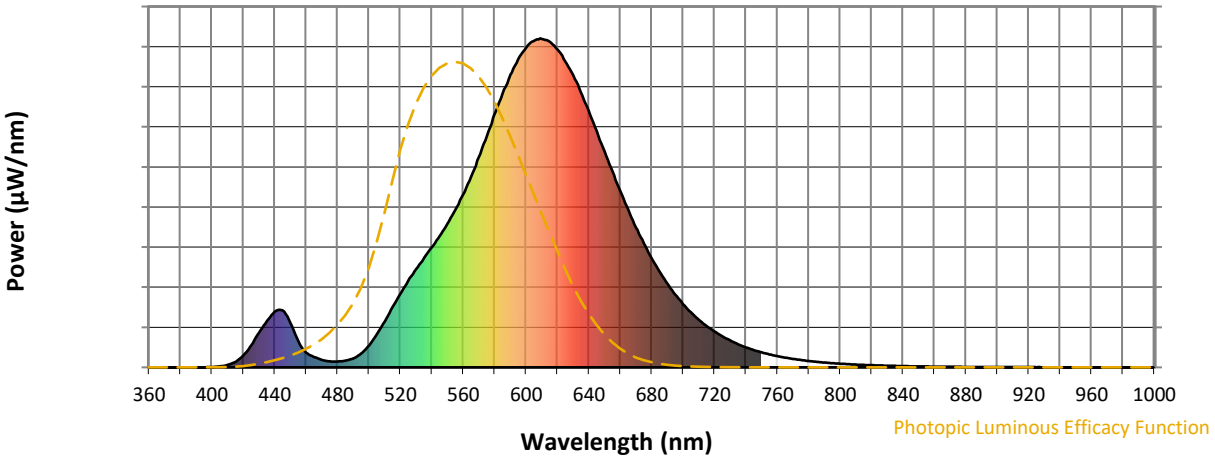


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

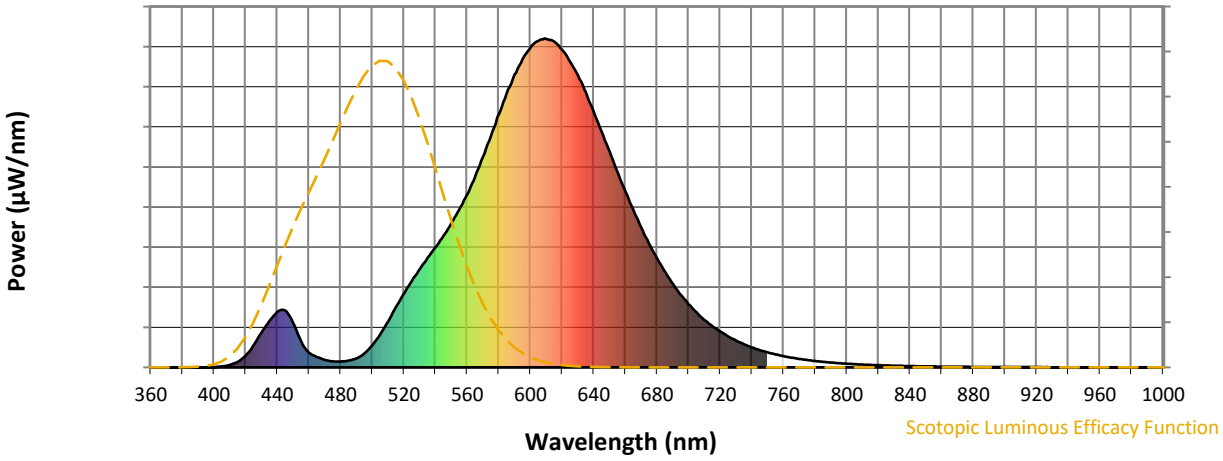


Photopic Lumens: NR

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

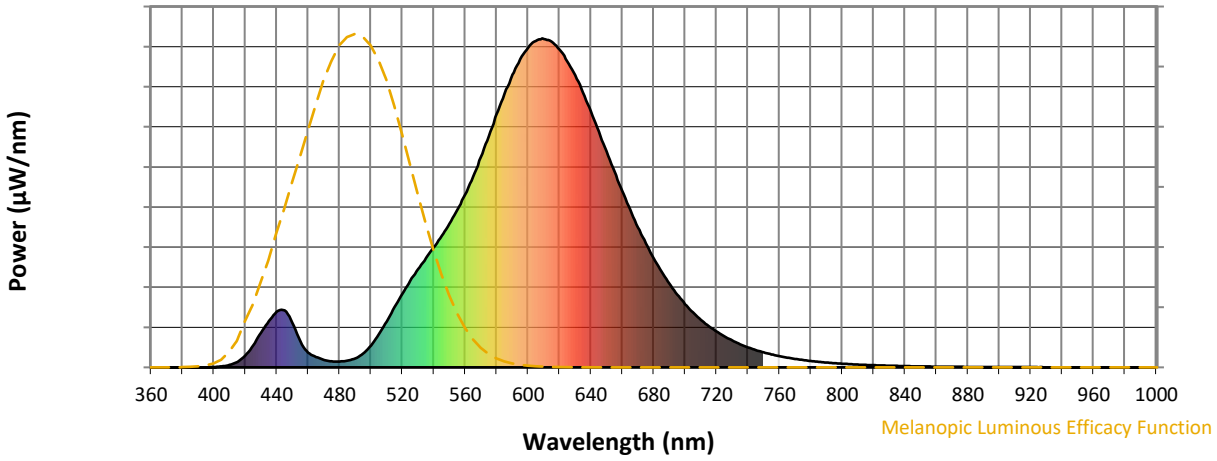


Scotopic Lumens: NR **S/P: 0.8**

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			

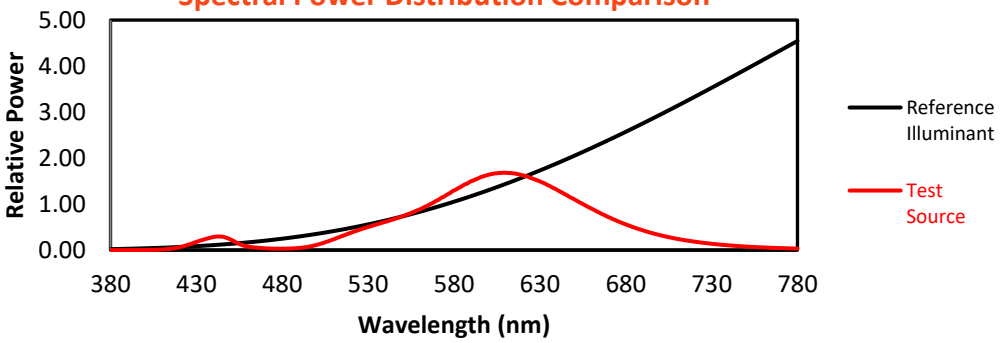
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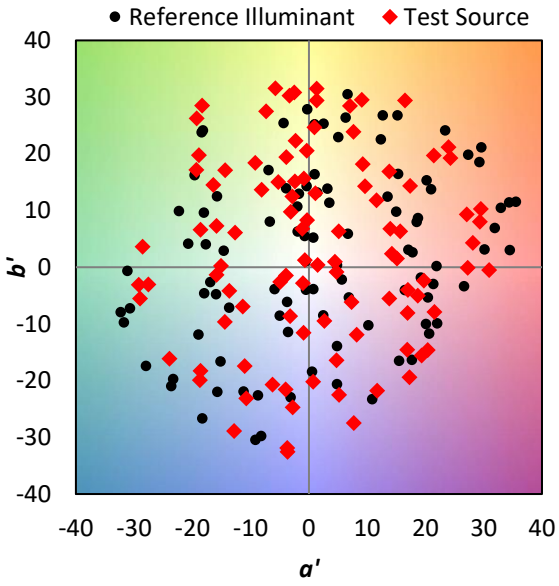
Summary

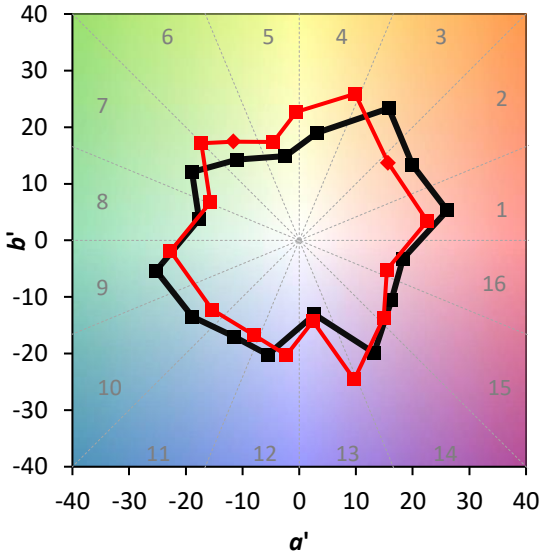
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

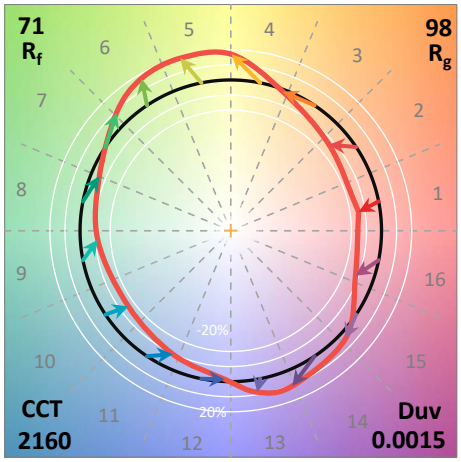
Spectral Power Distribution Comparison

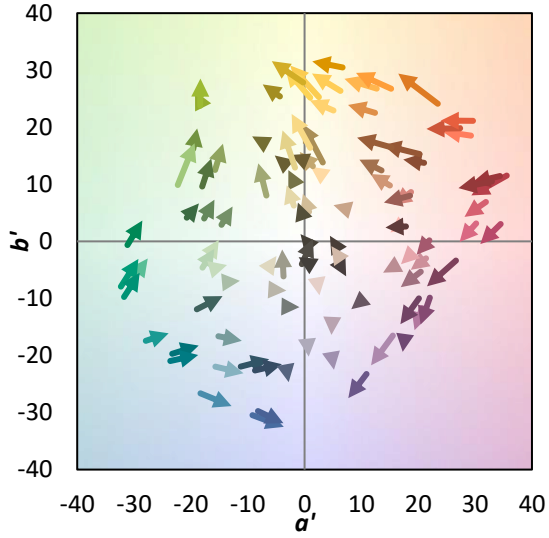


Color Vector Graphics







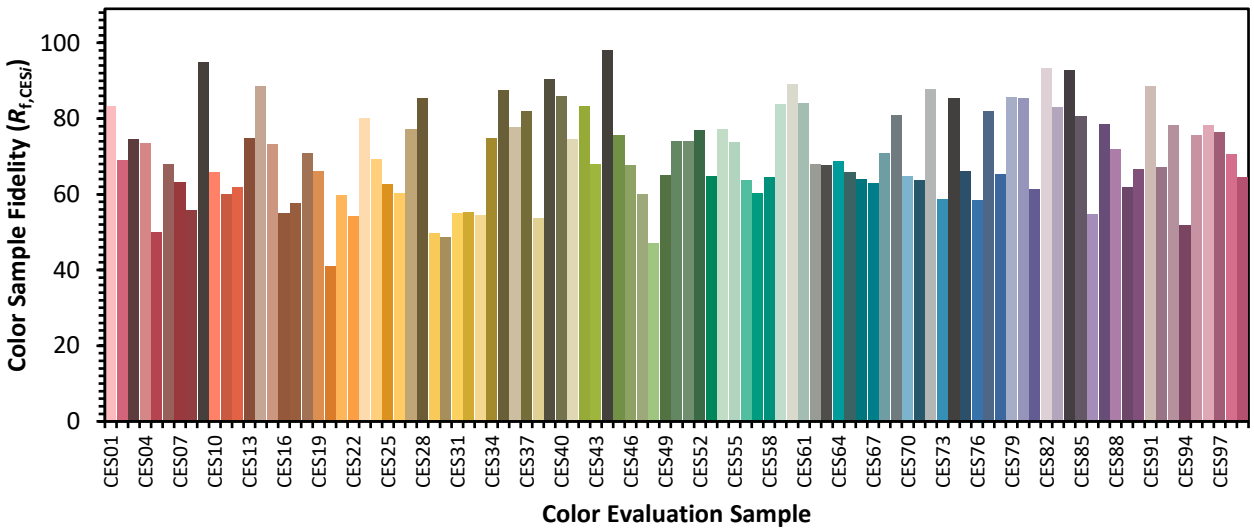


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Individual Sample Fidelity Index ($R_{f,i}$)

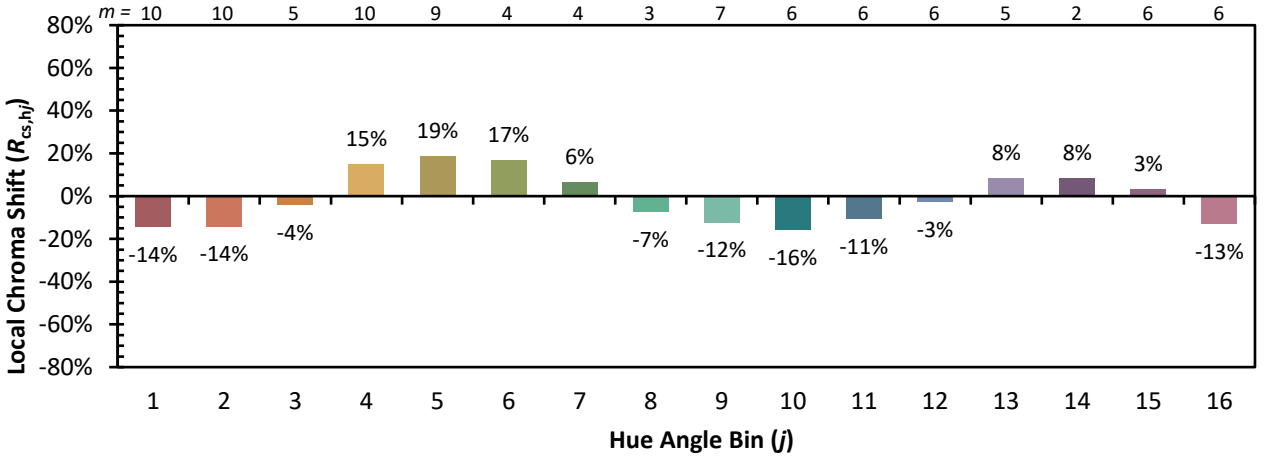
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

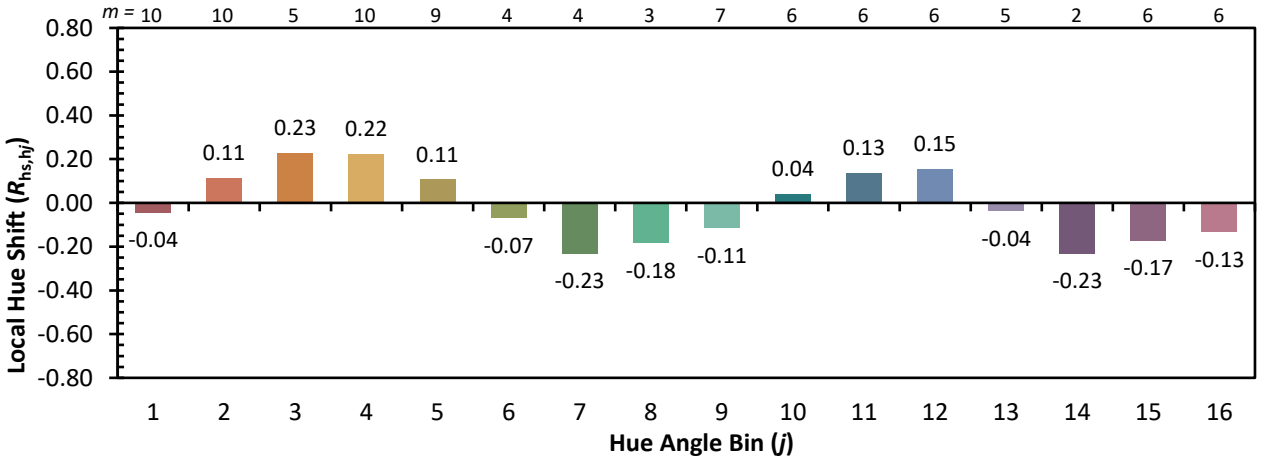


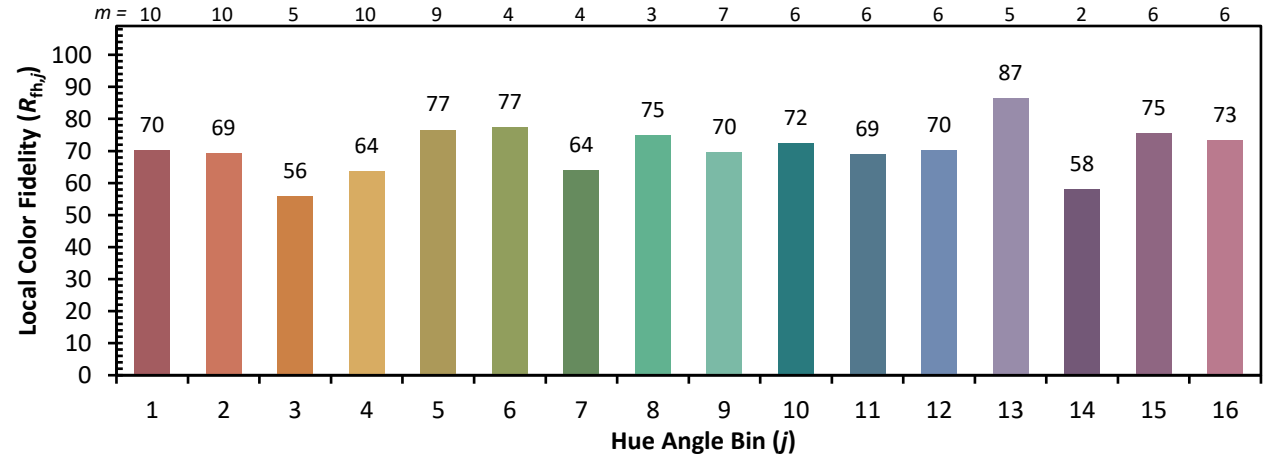
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Color Rendition by Hue-Angle Bin



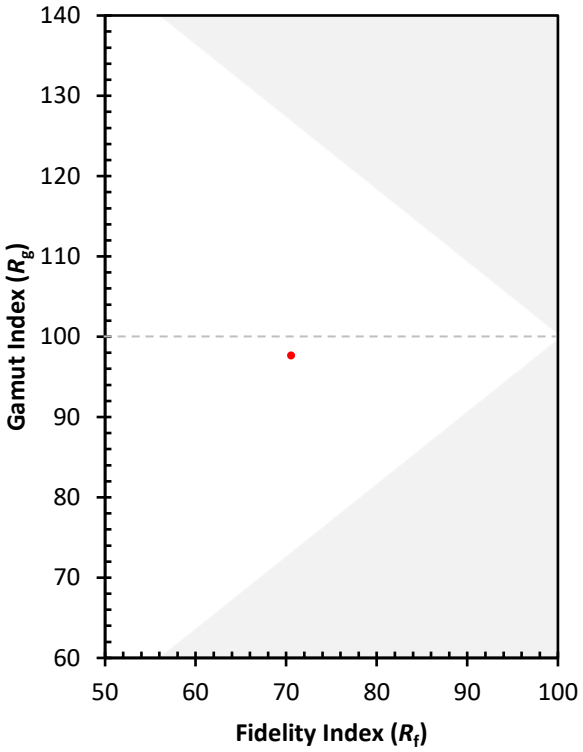


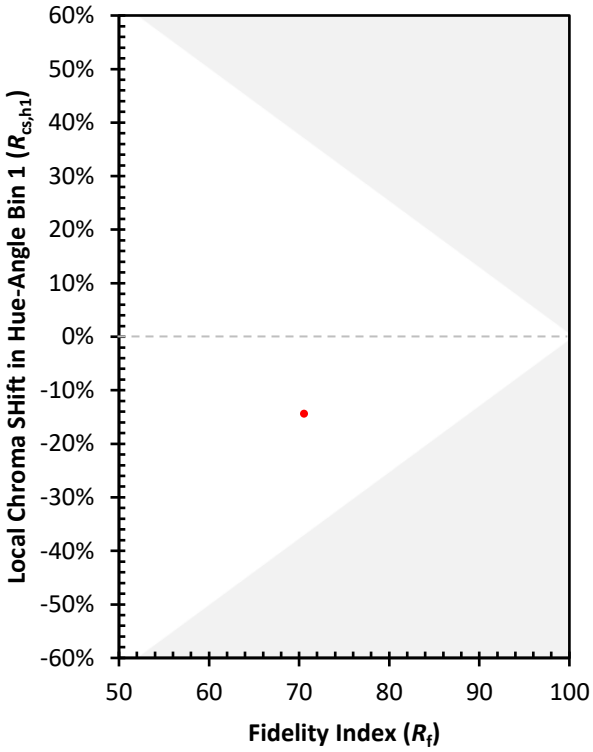


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Measure Comparisons





(END OF REPORT)