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: P1502130

Luminaire Tested: GSS-SB4B-722-U-T3LG-HSS

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502130
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15174.4 lumens
Efficiency:	N/A
Efficacy:	102.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

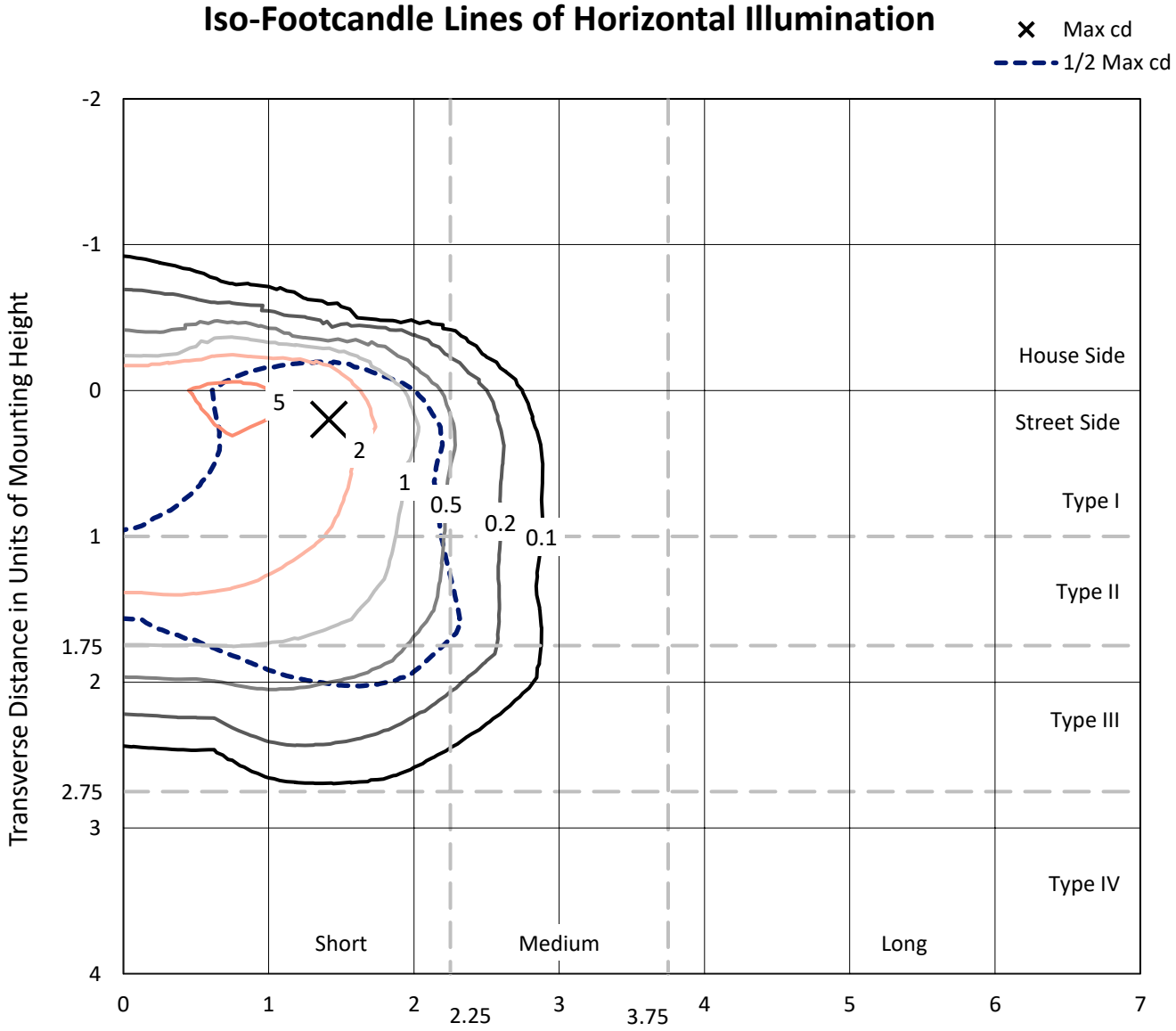
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502130
CATALOG NUMBER: GSS-SB4B-722-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



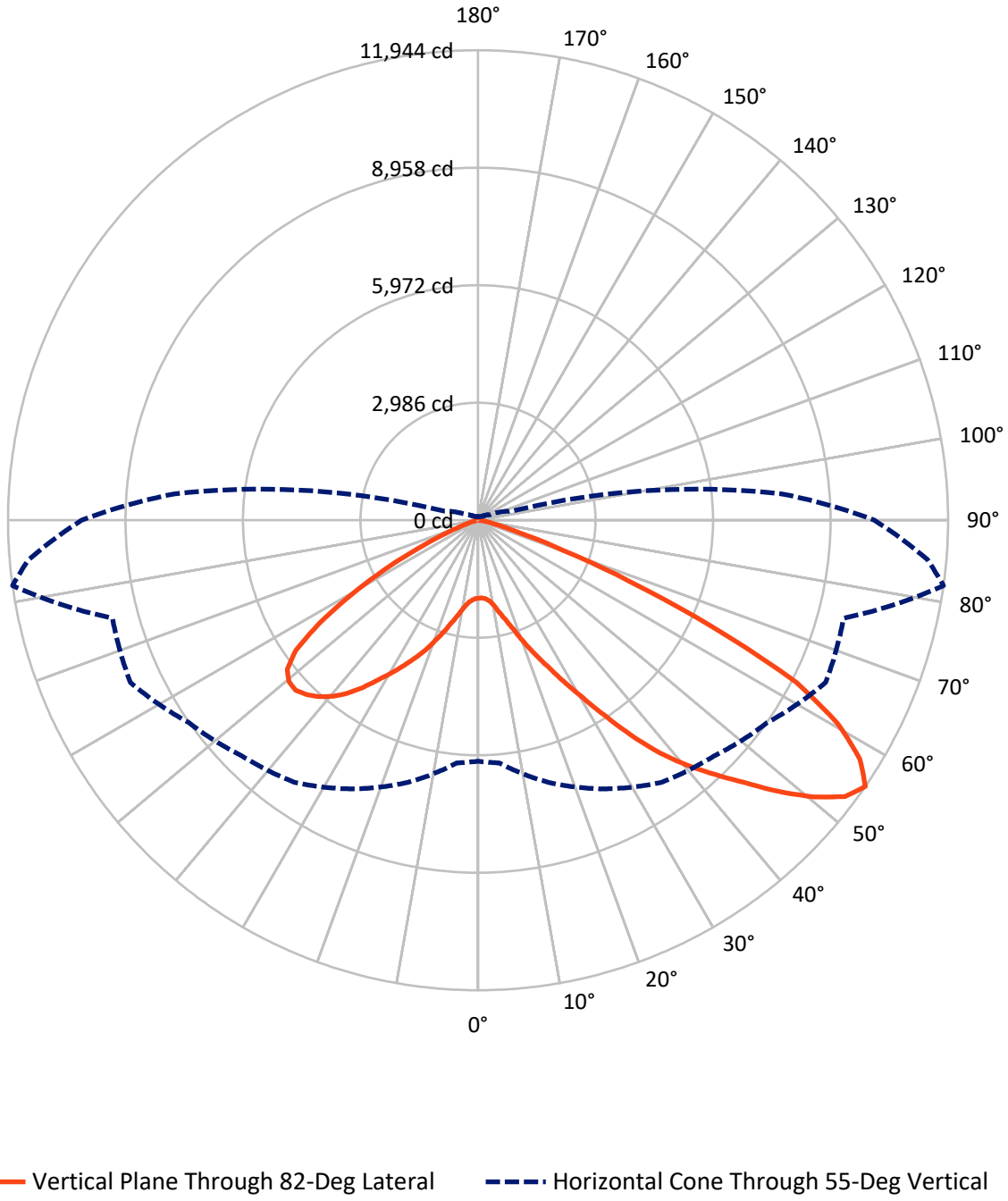
Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1502130
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Luminous Intensity Polar Plot



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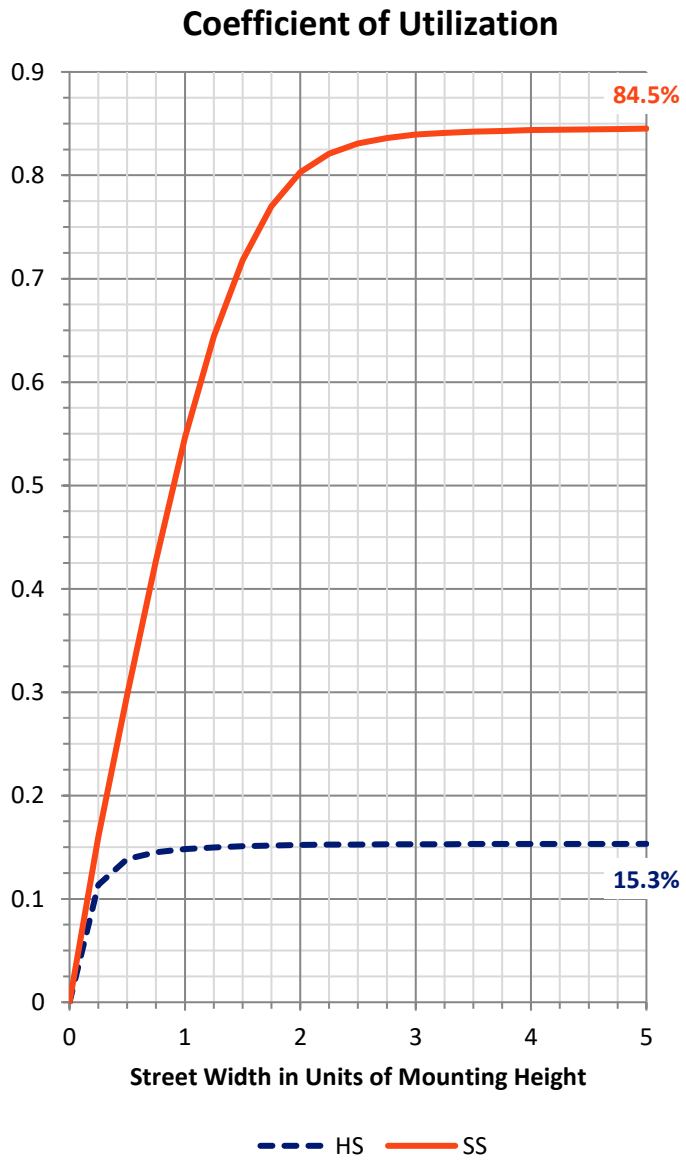
REPORT NUMBER: P1502130
CATALOG NUMBER: GSS-SB4B-722-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2345.5	0.0	2345.5
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	12828.9	0.0	12828.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	15174.4	0.0	15174.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.6	1.2
10°-20°	486.1	3.2
20°-30°	971.8	6.4
30°-40°	2012.4	13.3
40°-50°	3361.8	22.2
50°-60°	4263.8	28.1
60°-70°	3187.4	21.0
70°-80°	675.2	4.4
80°-90°	36.3	0.2
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°	15174.4	100.0
0°-180°	15174.4	100.0



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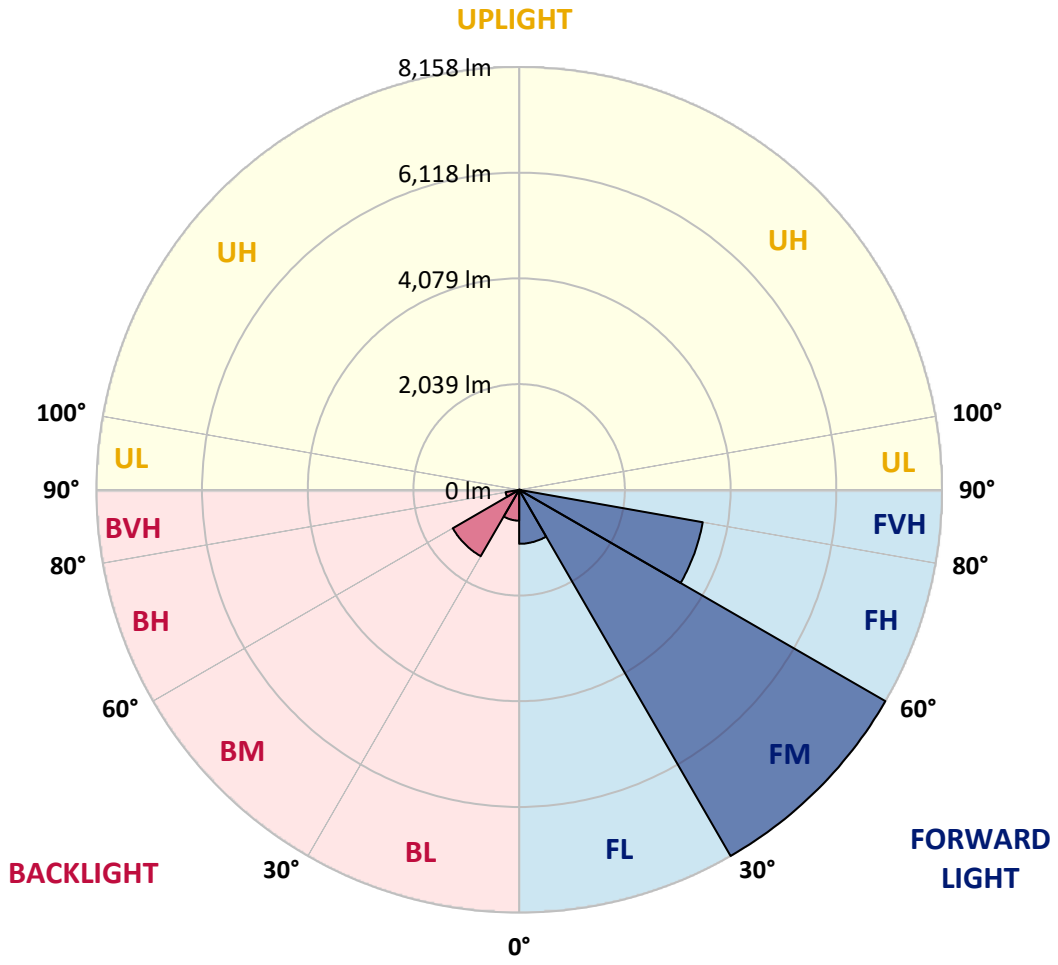
Scaled Data Report

REPORT NUMBER: P1502130
CATALOG NUMBER: GSS-SB4B-722-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1042.1	6.9			
FM	(30°-60°)	8158.0	53.8			
FH	(60°-80°)	3596.3	23.7			G2/5000
FVH	(80°-90°)	32.5	0.2			G1/100
BL	(0°-30°)	595.4	3.9	B2/1000		
BM	(30°-60°)	1479.9	9.8	B2/2500		
BH	(60°-80°)	266.3	1.8	B1/500		G1/500
BVH	(80°-90°)	3.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	*1981.0*	1981.0
2.5°	1927.5	1931.6	1923.4	1927.5	1935.7	1931.6	1948.1	1960.4	1972.8	*1976.9*	1981.0
5°	1758.6	1762.7	1766.8	1799.8	1820.4	1869.8	1915.1	1943.9	1985.1	*2005.7*	2009.8
7.5°	1556.8	1556.8	1573.3	1614.5	1668.0	1762.7	1865.7	1948.1	2026.3	*2067.5*	2075.7
10°	1519.7	1523.9	1523.9	1552.7	1598.0	1692.7	1824.5	1989.2	2129.3	*2191.1*	2211.6
12.5°	1528.0	1532.1	1536.2	1565.0	1610.3	1692.7	1861.6	2075.7	2294.0	*2397.0*	2409.3
15°	1548.6	1556.8	1569.2	1606.2	1655.6	1762.7	1939.8	2199.3	2491.7	*2623.5*	2656.4
17.5°	1610.3	1614.5	1635.1	1676.2	1754.5	1861.6	2055.1	2359.9	2767.6	*2911.8*	2973.6
20°	1705.1	1713.3	1742.1	1799.8	1890.4	2026.3	2240.5	2570.0	3064.2	*3286.6*	3336.0
22.5°	1824.5	1824.5	1865.7	1956.3	2084.0	2236.4	2495.8	2850.0	3426.6	*3686.1*	3768.4
25°	2022.2	2018.1	2051.0	2154.0	2306.4	2528.8	2792.4	3183.6	3805.5	*4114.4*	4200.9
27.5°	2475.2	2462.9	2450.5	2454.6	2586.4	2870.6	3175.4	3603.7	4275.0	*4637.5*	4703.4
30°	3002.4	3018.9	3002.4	2961.2	2981.8	3245.4	3624.3	4118.5	4802.2	*5209.9*	5296.4
32.5°	3463.7	3471.9	3541.9	3587.2	3603.7	3727.3	4143.2	4740.4	5473.5	*5918.3*	6029.5
35°	3966.1	3978.5	4056.7	4151.5	4299.7	4410.9	4794.0	5461.2	6157.2	*6717.3*	6799.7
37.5°	4551.0	4571.6	4674.5	4810.4	5016.4	5271.7	5477.6	6116.0	6853.2	*7499.8*	7586.3
40°	5065.8	5131.7	5308.8	5481.8	5700.0	5988.3	6124.2	6688.5	7368.0	*8191.7*	8335.9
42.5°	5551.8	5588.8	5873.0	6140.7	6400.2	6634.9	6766.7	7137.4	7825.2	*8834.2*	8994.9
45°	5955.4	5984.2	6301.3	6655.5	6976.8	7211.5	7232.1	7574.0	8278.2	*9513.8*	9637.3
47.5°	6202.5	6247.8	6655.5	7059.1	7413.3	7631.6	7598.7	8130.0	8772.5	*10304.5*	10321.0
50°	6350.8	6379.6	6795.6	7318.6	7755.2	7907.6	7977.6	8661.3	9221.4	*11054.1*	10955.3
52.5°	6457.8	6503.1	6910.9	7466.9	7957.0	8162.9	8414.1	9258.4	9575.6	*11667.8*	11404.2
55°	*6124.2*	*6190.1*	*6894.4*	*7532.8*	*8130.0*	*8475.9*	*8970.1*	*9748.5*	*9616.8*	*11943.7*	*11461.8*
57.5°	5749.5	5761.8	6457.8	7512.2	8323.5	8805.4	9480.8	9785.6	9233.7	*11441.3*	10877.0
60°	5197.6	5271.7	5984.2	7244.5	8356.5	9069.0	9826.8	9336.7	8533.6	*10510.5*	9662.1
62.5°	3649.0	3764.3	4695.1	6540.2	8121.7	9213.1	9769.1	8554.2	7656.3	*9073.1*	8121.7
65°	2042.8	2141.6	2903.6	5275.8	7475.1	9180.2	9176.1	7508.1	6247.8	*6556.7*	5807.1
67.5°	1120.2	1198.5	1507.4	3970.3	5930.7	8475.9	7928.2	5728.9	4188.5	*4163.8*	3624.3
70°	782.5	786.6	951.4	2681.2	4262.7	5914.2	6198.4	3842.6	2598.8	*2298.1*	1939.8
72.5°	383.0	387.1	473.6	1264.4	2607.0	3278.3	4250.3	1997.5	1458.0	*1140.8*	972.0
75°	193.6	189.5	259.5	473.6	1079.1	1598.0	1873.9	1000.8	848.4	*626.0*	556.0
77.5°	123.6	127.7	152.4	259.5	486.0	621.9	576.6	543.6	498.3	*366.5*	317.1
80°	82.4	82.4	103.0	164.7	238.9	296.5	177.1	251.2	292.4	*214.2*	185.3
82.5°	24.7	24.7	61.8	90.6	115.3	119.4	78.3	115.3	164.7	*119.4*	90.6
85°	16.5	16.5	32.9	45.3	49.4	41.2	24.7	49.4	78.3	*53.5*	45.3
87.5°	0.0	0.0	0.0	4.1	4.1	4.1	4.1	4.1	4.1	*4.1*	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CATALOG NUMBER: GSS-SB4B-722-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0	1981.0
2.5°	1985.1	1989.2	2001.6	2005.7	2014.0	2018.1	2018.1	2018.1	2014.0	2018.1	2026.3
5°	2018.1	2038.7	2055.1	2051.0	2051.0	2030.4	2014.0	1981.0	1964.5	1960.4	1964.5
7.5°	2100.4	2116.9	2133.4	2108.7	2046.9	1952.2	1849.2	1766.8	1696.8	1663.9	1676.2
10°	2248.7	2269.3	2269.3	2154.0	1981.0	1758.6	1573.3	1420.9	1305.6	1243.8	1272.6
12.5°	2462.9	2479.4	2438.2	2195.2	1865.7	1499.1	1190.3	934.9	786.6	712.5	696.0
15°	2710.0	2734.7	2594.7	2186.9	1684.5	1120.2	741.3	556.0	502.5	486.0	490.1
17.5°	3027.1	3039.5	2767.6	2121.0	1371.5	733.1	527.2	473.6	461.3	453.0	453.0
20°	3418.4	3381.3	2907.7	2009.8	1000.8	576.6	486.0	444.8	432.4	428.3	432.4
22.5°	3838.5	3780.8	3023.0	1799.8	757.8	543.6	465.4	420.1	403.6	399.5	399.5
25°	4279.1	4147.4	3113.6	1490.9	708.4	535.4	440.7	383.0	366.5	358.3	358.3
27.5°	4781.6	4555.1	3163.0	1247.9	720.7	523.1	411.9	350.1	325.4	317.1	317.1
30°	5337.6	5008.1	3167.1	1198.5	745.5	506.6	383.0	313.0	288.3	275.9	280.1
32.5°	6013.0	5469.4	3154.8	1276.7	761.9	494.2	350.1	275.9	255.3	243.0	243.0
35°	6713.2	6029.5	3105.4	1425.0	770.2	457.2	308.9	243.0	218.3	214.2	218.3
37.5°	7409.2	6560.8	3035.4	1507.4	729.0	374.8	251.2	210.0	193.6	193.6	193.6
40°	8043.5	7022.1	2940.6	1437.4	580.7	271.8	205.9	181.2	173.0	168.9	173.0
42.5°	8517.1	7433.9	2767.6	1210.8	411.9	218.3	181.2	160.6	152.4	152.4	156.5
45°	9036.0	7829.3	2434.0	889.6	313.0	189.5	156.5	140.0	135.9	135.9	140.0
47.5°	9559.1	8146.4	2112.8	593.1	271.8	168.9	140.0	127.7	123.6	119.4	123.6
50°	9958.6	8298.8	1692.7	432.4	247.1	152.4	127.7	119.4	111.2	107.1	107.1
52.5°	10242.8	8257.6	1239.7	370.7	226.5	140.0	119.4	111.2	98.8	98.8	98.8
55°	*10069.8*	*7730.5*	*893.7*	*333.6*	*210.0*	*131.8*	*115.3*	*103.0*	*94.7*	*90.6*	*90.6*
57.5°	9229.6	6589.6	646.6	300.7	185.3	123.6	111.2	98.8	86.5	82.4	82.4
60°	8022.9	5131.7	481.9	263.6	160.6	119.4	98.8	94.7	82.4	74.1	74.1
62.5°	6556.7	3735.5	374.8	226.5	144.1	103.0	94.7	86.5	74.1	65.9	61.8
65°	4551.0	2384.6	288.3	185.3	135.9	90.6	86.5	74.1	61.8	49.4	49.4
67.5°	2808.8	1416.8	222.4	144.1	107.1	78.3	74.1	65.9	53.5	41.2	41.2
70°	1552.7	749.6	152.4	107.1	82.4	61.8	57.7	57.7	45.3	37.1	32.9
72.5°	745.5	407.7	103.0	90.6	61.8	41.2	45.3	45.3	37.1	28.8	28.8
75°	448.9	243.0	70.0	70.0	41.2	32.9	32.9	37.1	28.8	20.6	20.6
77.5°	255.3	144.1	41.2	53.5	28.8	20.6	24.7	20.6	16.5	12.4	12.4
80°	144.1	82.4	24.7	37.1	16.5	12.4	12.4	8.2	8.2	4.1	4.1
82.5°	70.0	45.3	12.4	12.4	8.2	4.1	4.1	4.1	4.1	0.0	0.0
85°	32.9	8.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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

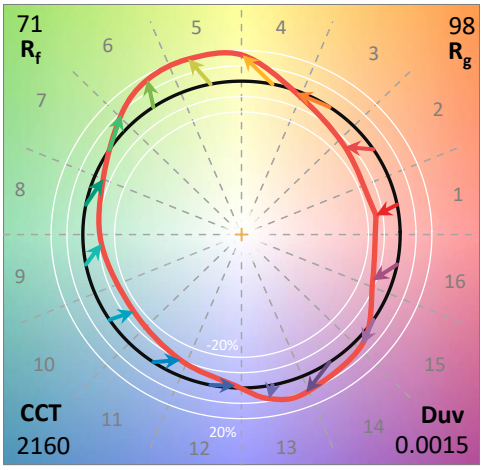
Test Information

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

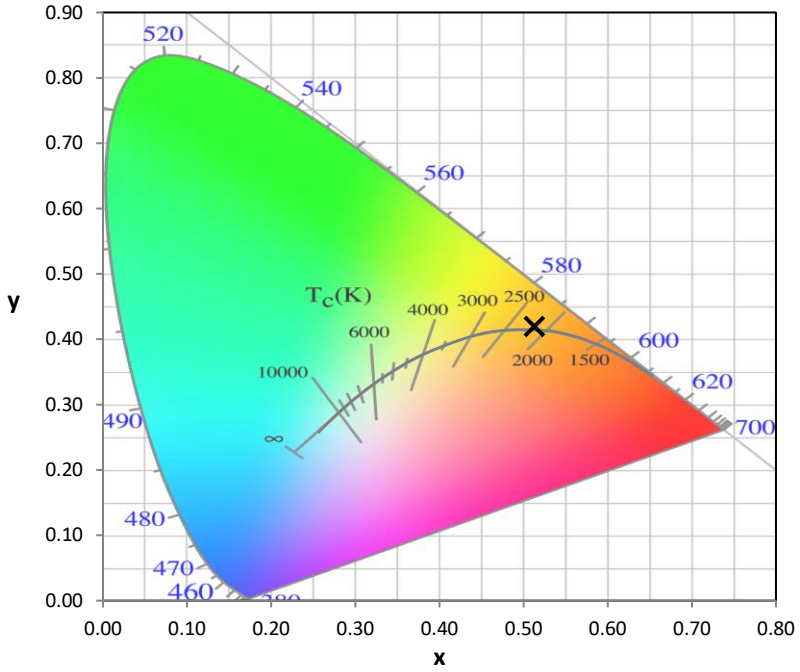
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

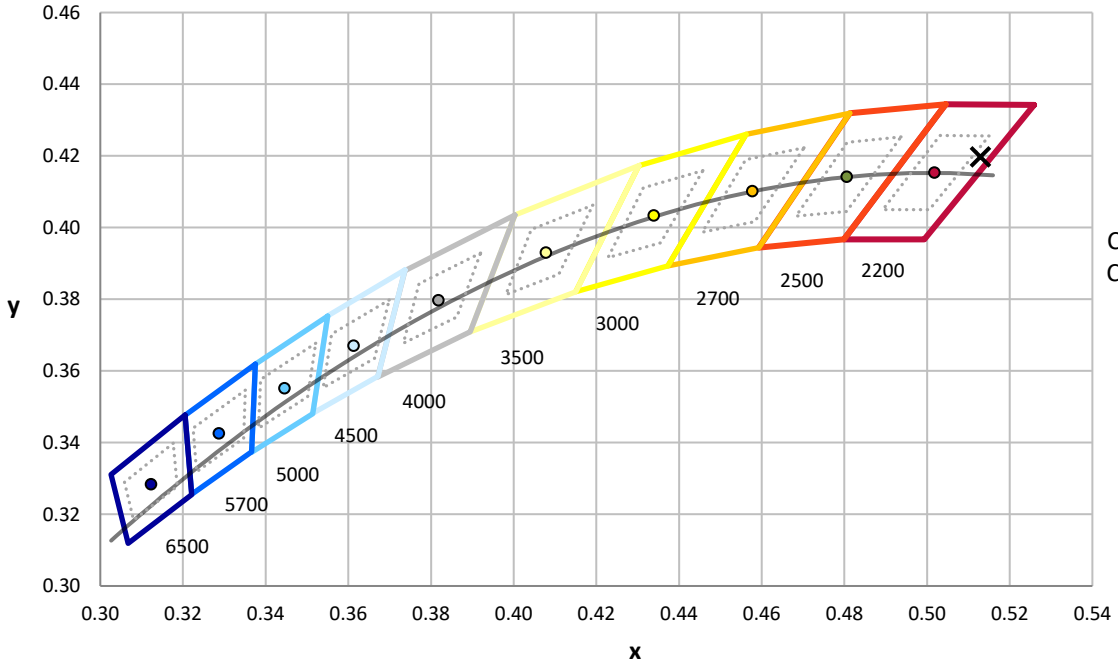
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

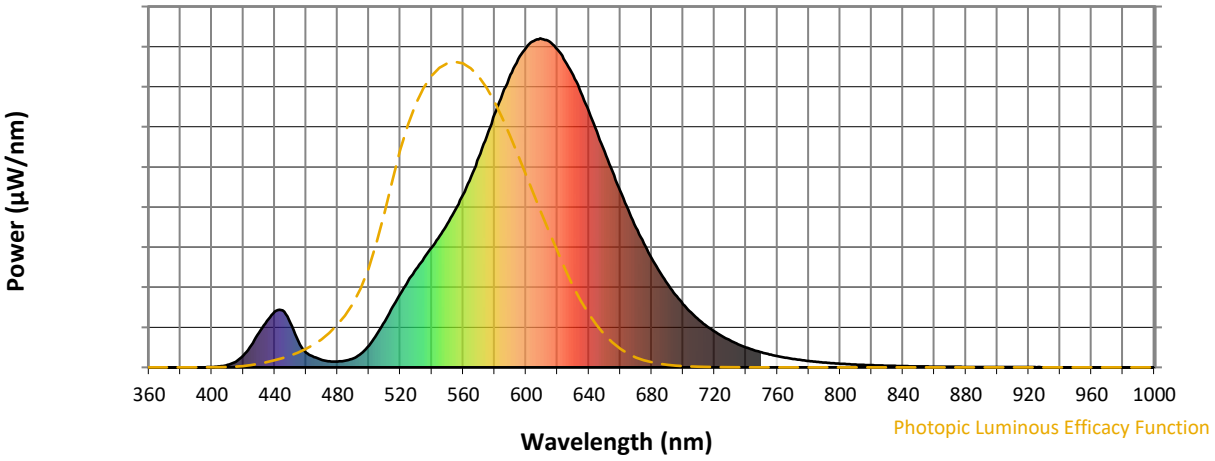


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

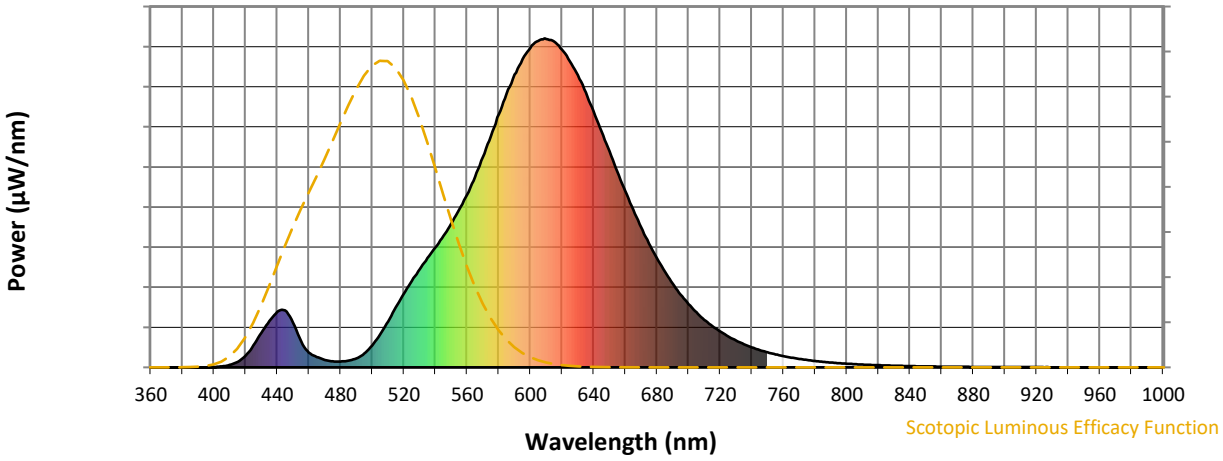


Photopic Lumens: NR

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

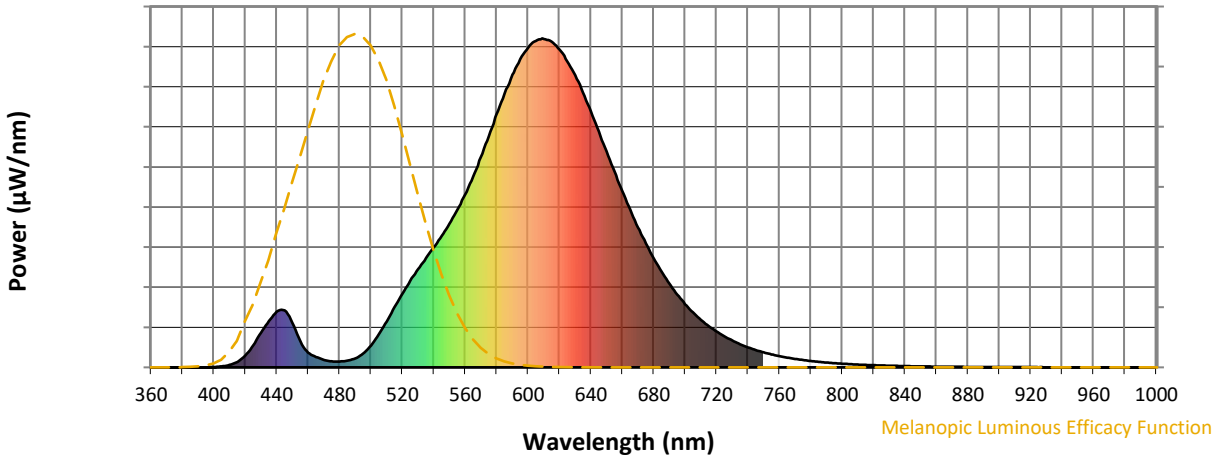


Scotopic Lumens: NR **S/P: 0.8**

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			

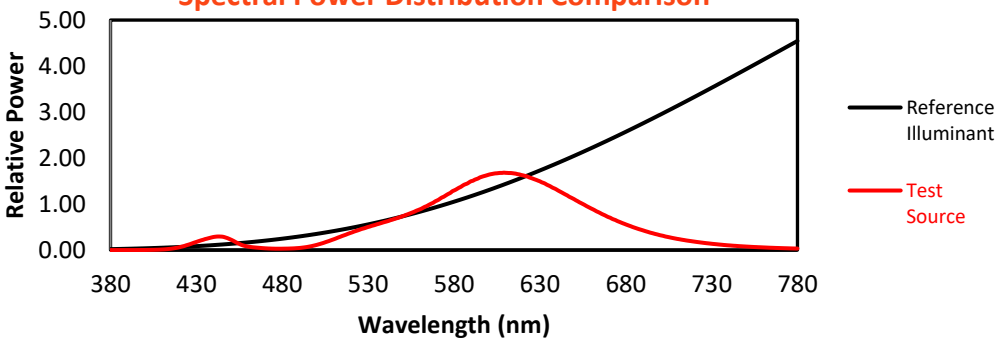
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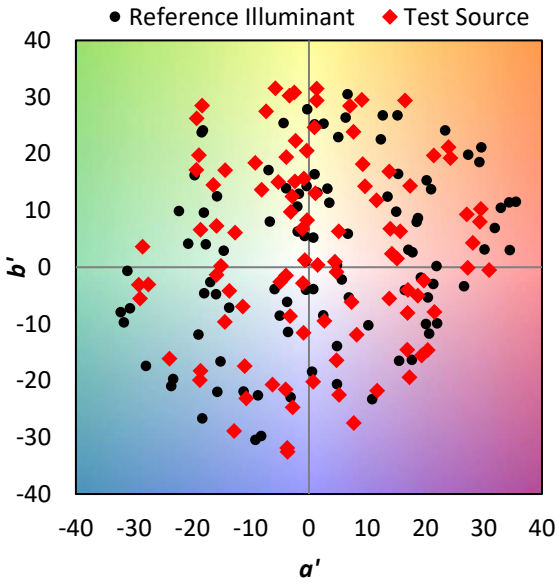
Summary

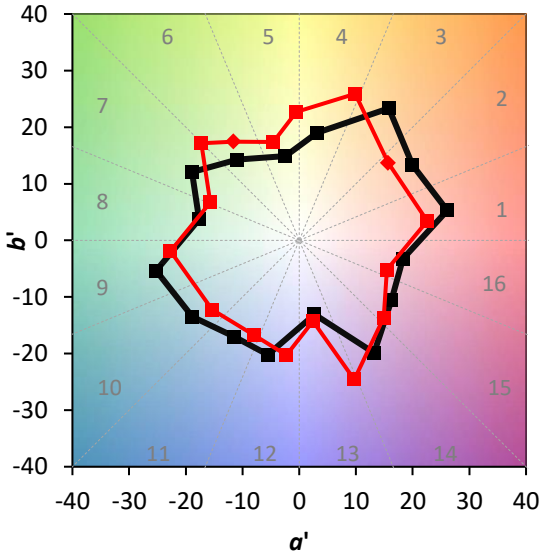
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

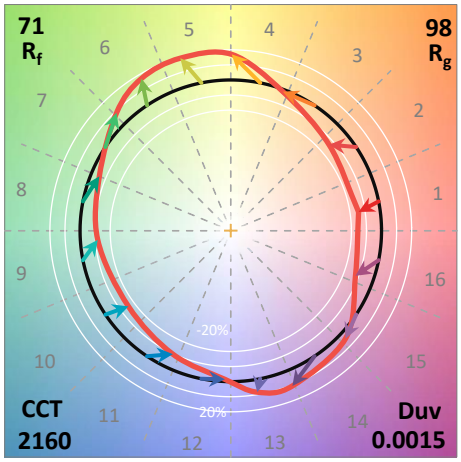
Spectral Power Distribution Comparison

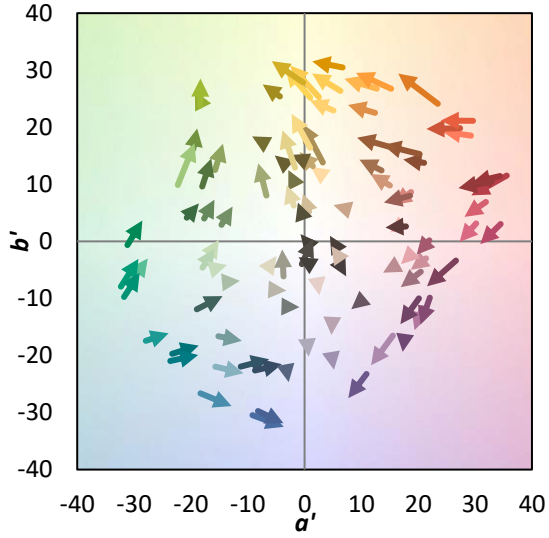


Color Vector Graphics







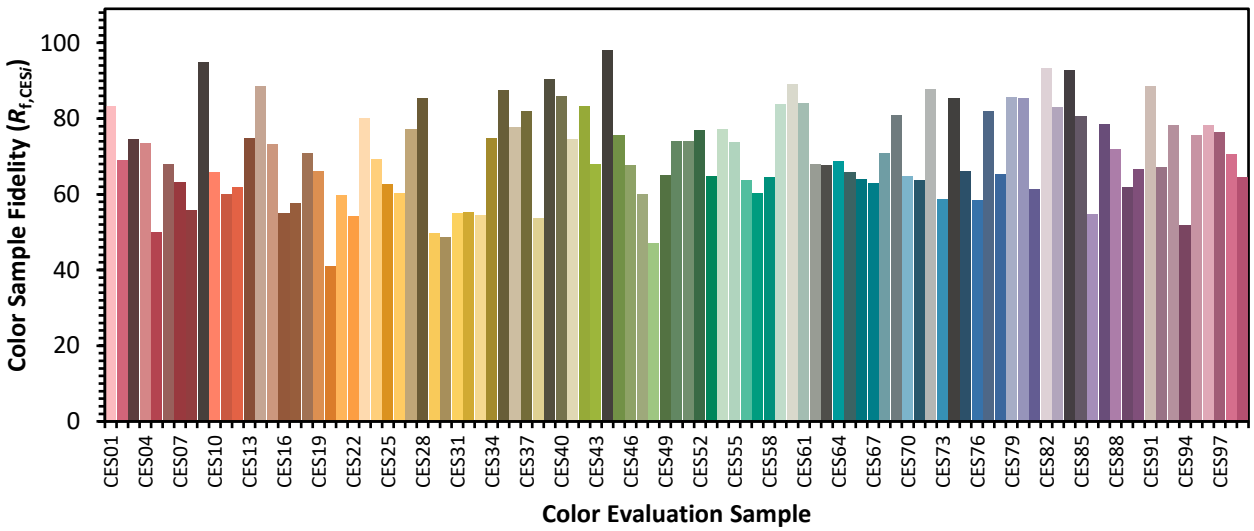


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Individual Sample Fidelity Index ($R_{f,i}$)

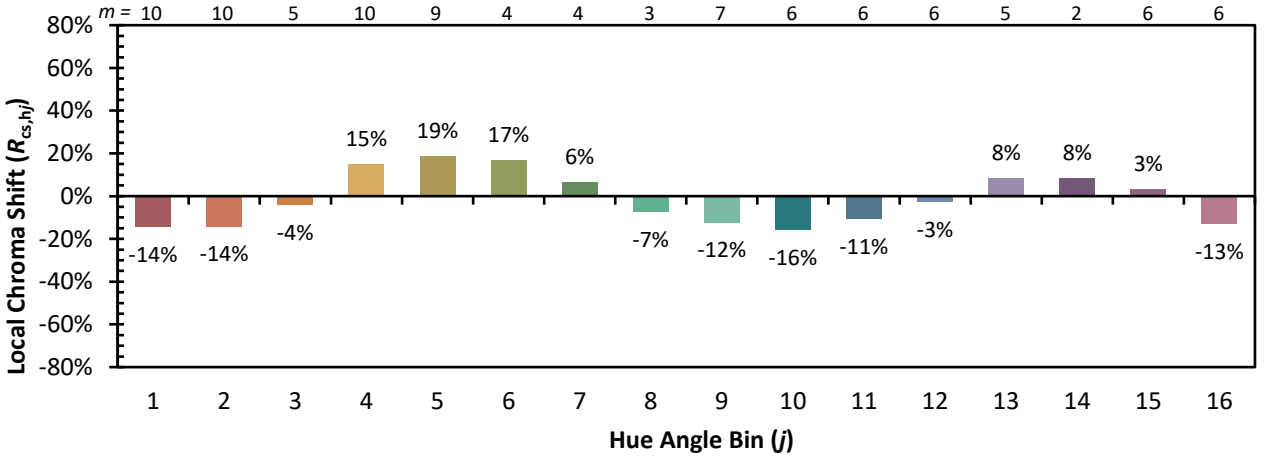
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

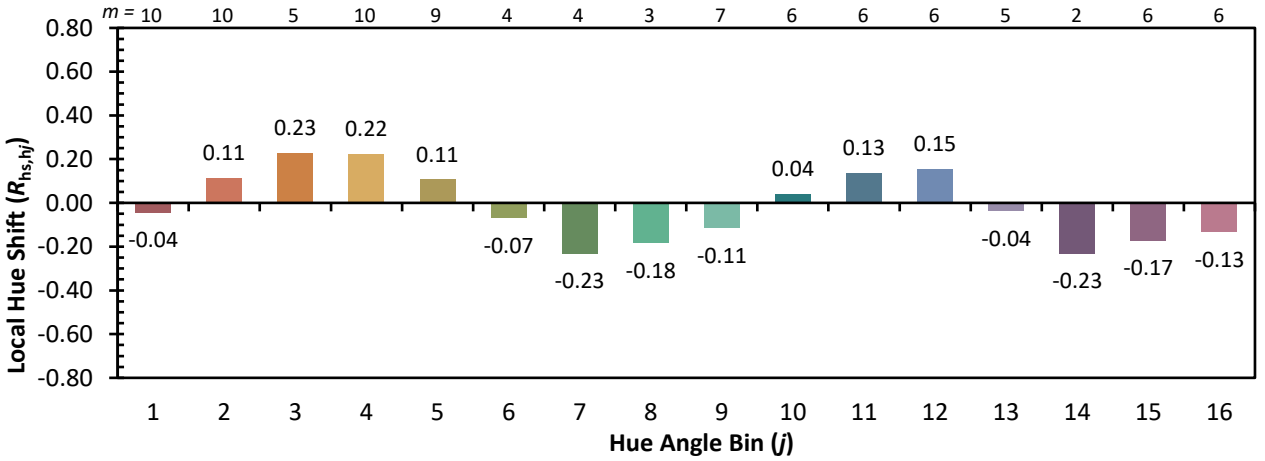


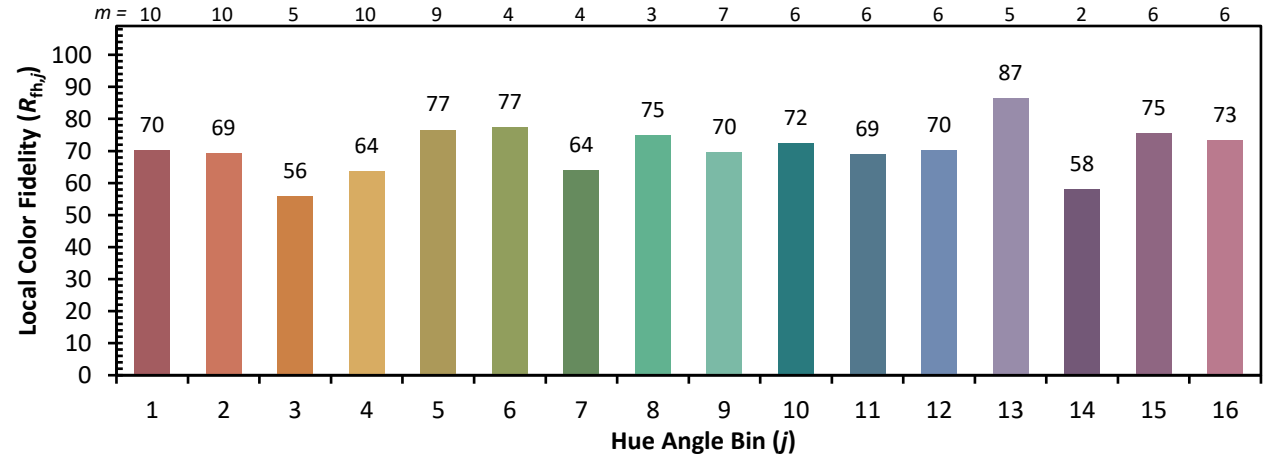
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Color Rendition by Hue-Angle Bin



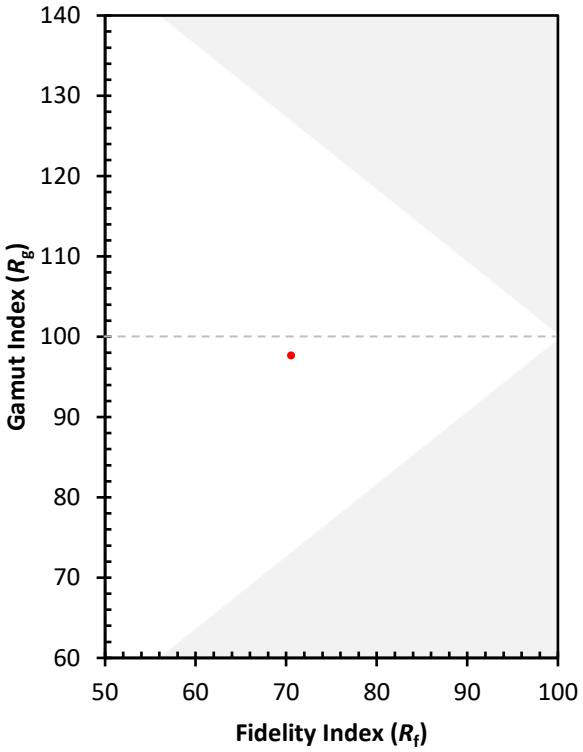


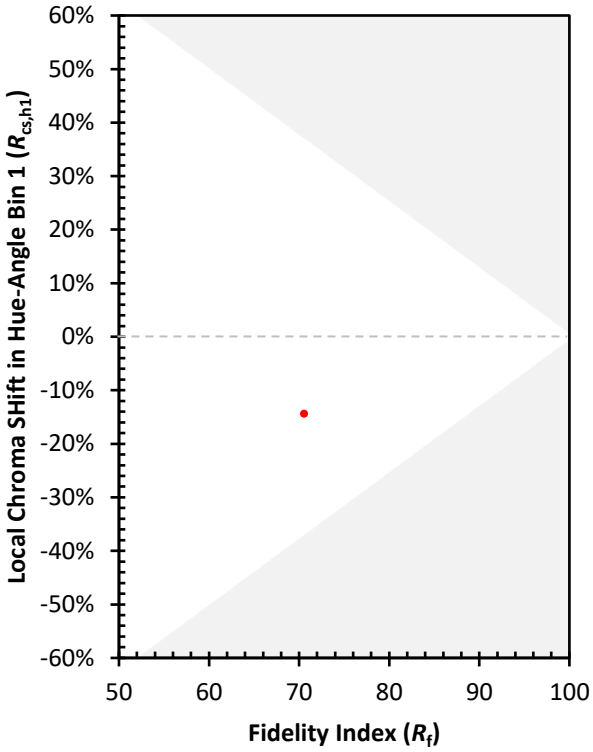


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Measure Comparisons





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