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: P1502510

Luminaire Tested: GSS-SB3B-722-U-T4LG-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:	P1502510
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-722-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10513 lumens
Efficiency:	N/A
Efficacy:	96.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

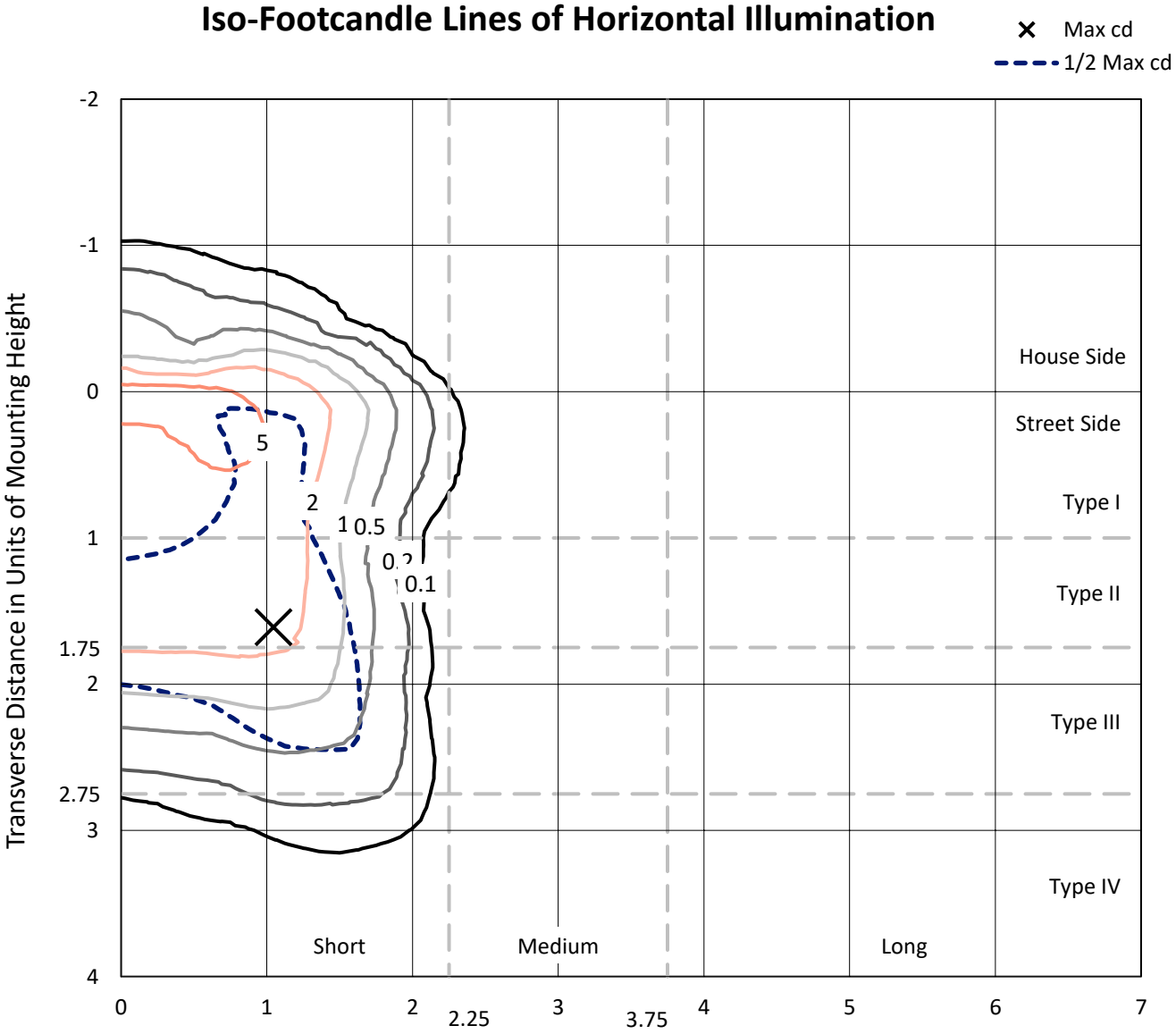
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502510
CATALOG NUMBER: GSS-SB3B-722-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



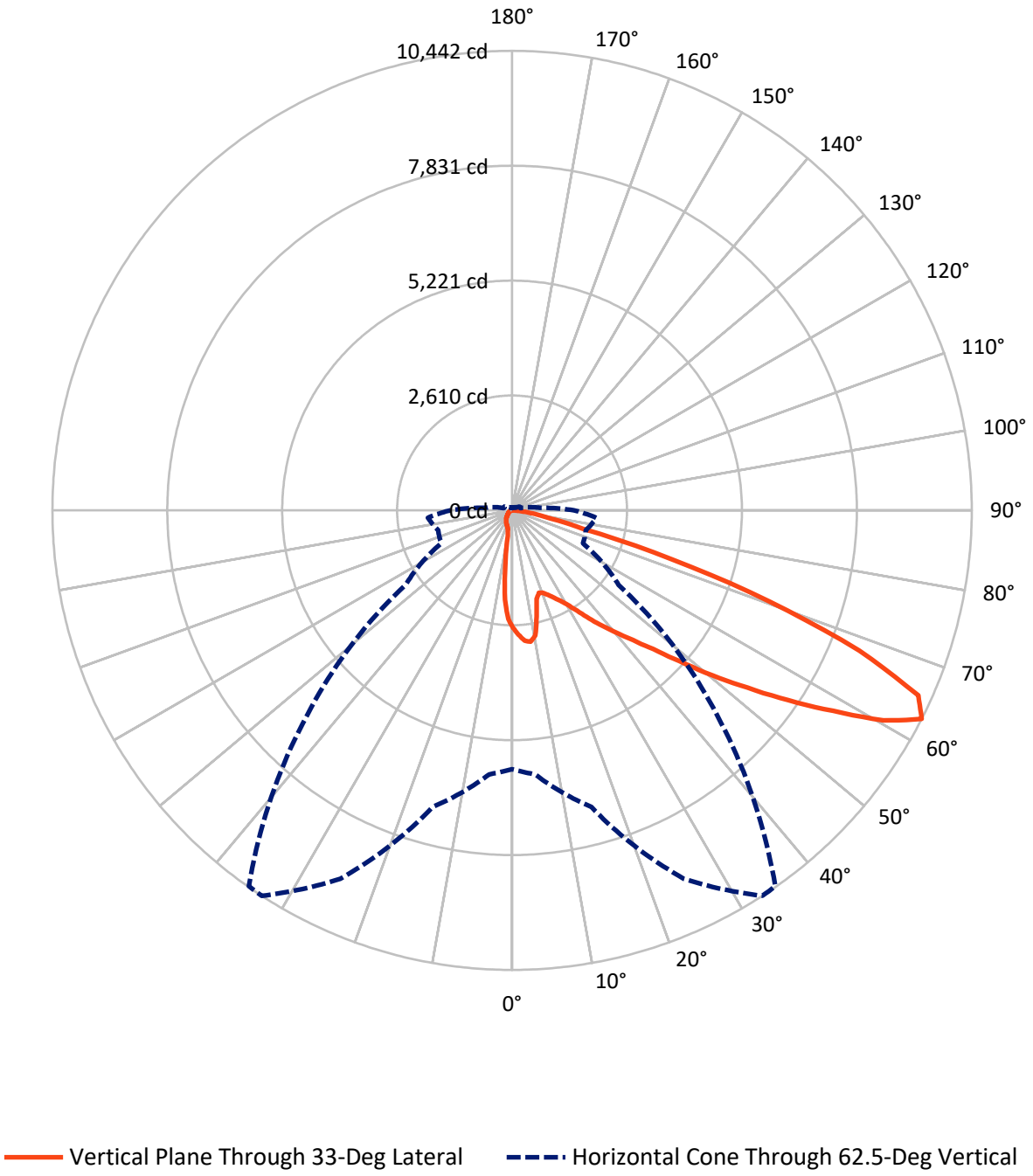
Based on 20 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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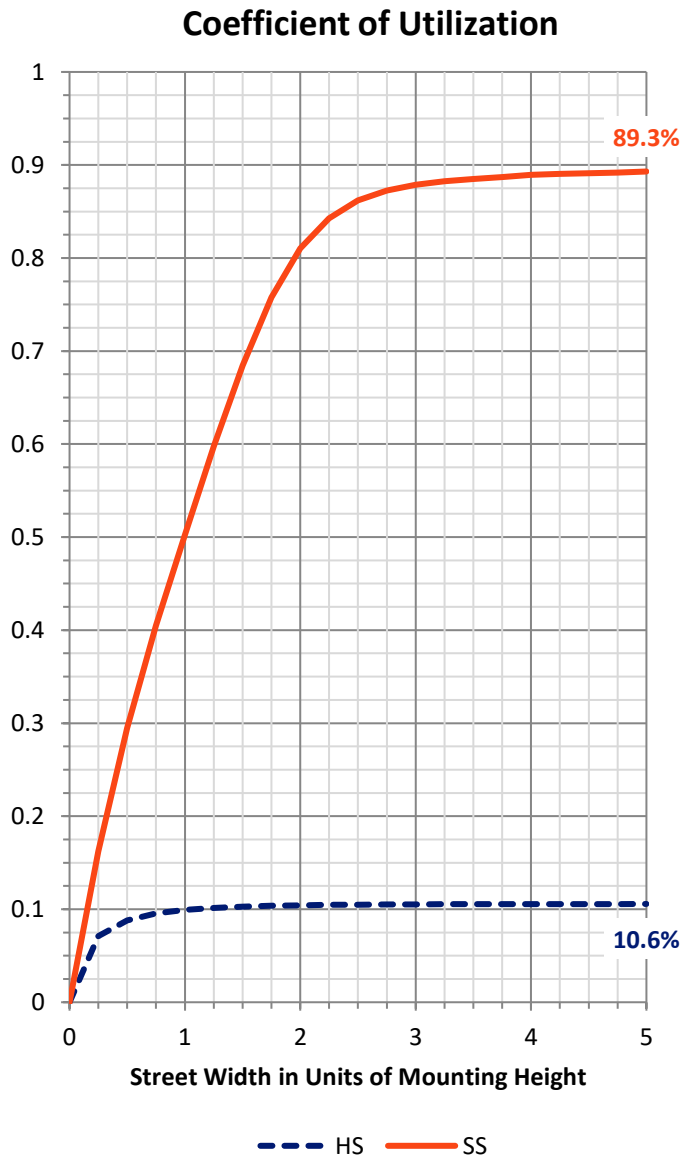
REPORT NUMBER: P1502510
CATALOG NUMBER: GSS-SB3B-722-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1118.7	0.0	1118.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	9394.3	0.0	9394.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	10513.0	0.0	10513.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.0	2.2
10°-20°	506.6	4.8
20°-30°	816.5	7.8
30°-40°	1358.4	12.9
40°-50°	2147.0	20.4
50°-60°	2884.4	27.4
60°-70°	2117.5	20.1
70°-80°	419.1	4.0
80°-90°	36.4	0.3
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°	10513.0	100.0
0°-180°	10513.0	100.0



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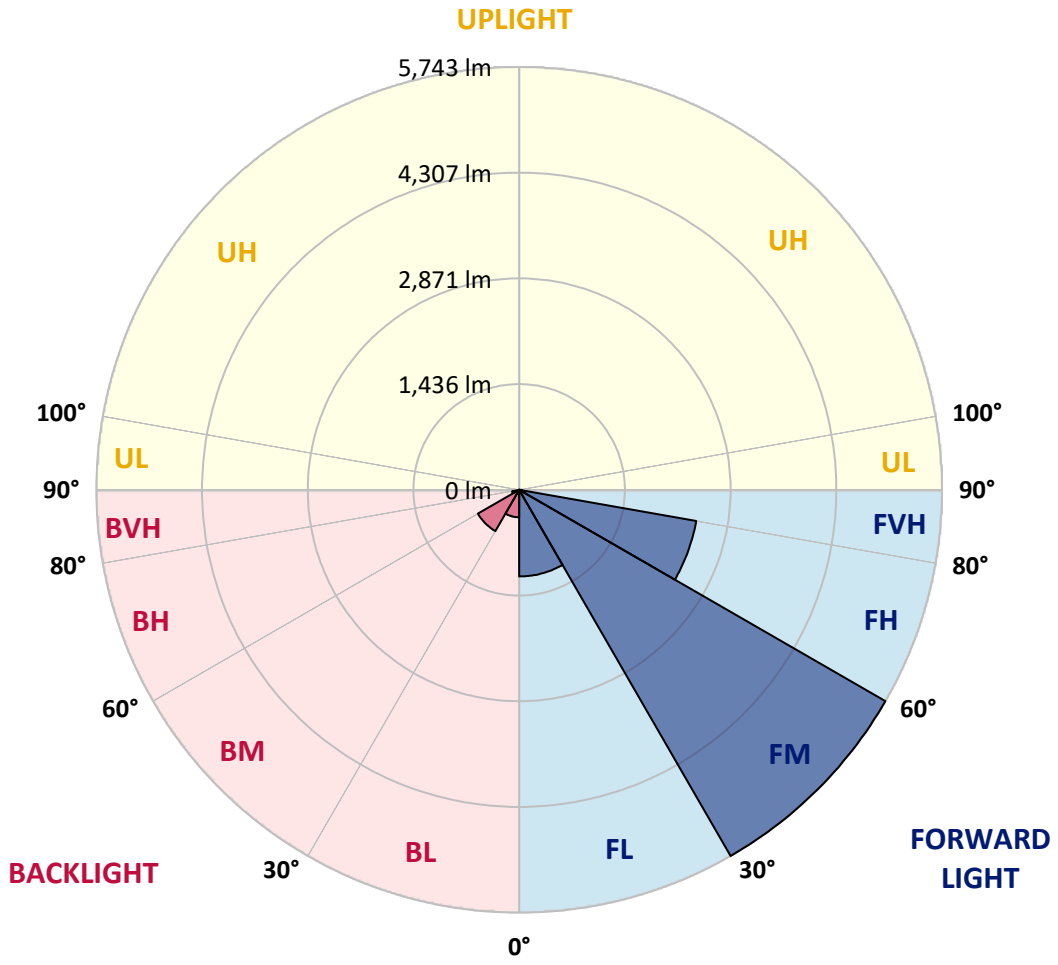
Scaled Data Report

REPORT NUMBER: P1502510
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1177.0	11.2			
FM	(30°-60°)	5742.7	54.6			
FH	(60°-80°)	2441.0	23.2			G2/5000
FVH	(80°-90°)	33.7	0.3			G1/100
BL	(0°-30°)	373.2	3.6	B1/500		
BM	(30°-60°)	647.1	6.2	B1/1000		
BH	(60°-80°)	95.6	0.9	B0/110		G0/110
BVH	(80°-90°)	2.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1502510
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4
2.5°	2845.1	2856.9	2856.9	2833.2	2827.3	2815.5	2803.6	2800.7	2762.2	2732.6	2703.0
5°	2990.2	2987.2	2984.2	2972.4	2975.4	2960.6	2951.7	2936.9	2871.7	2827.3	2747.4
7.5°	2928.0	2954.6	2966.5	2999.0	3013.8	3010.9	3034.6	3040.5	2984.2	2922.1	2800.7
10°	2522.4	2507.6	2614.2	2753.3	2892.5	2925.0	3052.3	3120.4	3099.7	3043.4	2886.5
12.5°	1998.4	2013.2	2087.2	2250.0	2478.0	2549.0	2916.1	3185.6	3244.8	3209.2	3005.0
15°	1829.6	1829.6	1868.1	1945.1	2081.3	2149.4	2602.3	3176.7	3398.7	3401.7	3153.0
17.5°	1794.1	1800.0	1832.6	1882.9	1971.7	2001.3	2318.1	3046.4	3549.7	3603.0	3318.8
20°	1800.0	1808.9	1844.4	1915.5	2001.3	2036.9	2244.1	2880.6	3677.0	3822.1	3493.5
22.5°	1820.7	1817.8	1879.9	1974.7	2084.2	2116.8	2306.3	2812.5	3783.6	4073.7	3697.7
25°	1844.4	1847.4	1927.3	2060.5	2193.8	2232.3	2445.4	2874.7	3860.6	4343.1	3905.0
27.5°	1915.5	1924.4	2022.1	2167.1	2324.0	2374.4	2626.0	3037.5	3993.8	4603.7	4130.0
30°	2025.0	2033.9	2146.4	2321.1	2489.8	2566.8	2851.0	3241.8	4192.1	4905.6	4360.9
32.5°	2152.3	2164.2	2309.2	2510.5	2714.8	2788.8	3108.6	3552.7	4455.6	5213.5	4600.7
35°	2312.2	2344.8	2501.7	2741.5	3016.8	3087.9	3425.4	3905.0	4799.1	5488.9	4805.0
37.5°	2531.3	2557.9	2750.4	3049.4	3327.7	3422.4	3780.6	4275.0	5109.9	5734.6	4970.8
40°	2797.7	2821.4	3037.5	3363.2	3653.3	3733.3	4153.7	4648.1	5444.5	5870.8	5006.3
42.5°	3241.8	3306.9	3443.1	3718.5	4029.3	4130.0	4568.1	5009.3	5687.2	5897.4	4950.0
45°	4017.5	4038.2	4067.8	4198.1	4497.1	4585.9	5006.3	5323.1	5832.3	5903.3	4899.7
47.5°	4760.6	4831.6	4873.1	4932.3	5112.9	5145.4	5465.2	5604.3	5947.7	5882.6	4899.7
50°	5503.7	5557.0	5628.0	5699.1	5891.5	5903.3	5950.7	5793.8	5953.7	5713.9	4870.1
52.5°	6178.7	6196.4	6317.8	6454.0	6693.8	6758.9	6400.7	5932.9	5595.4	5181.0	4731.0
55°	6782.6	6806.3	6989.9	7268.2	7611.6	7697.4	6951.4	5663.5	4828.7	4491.2	4408.3
57.5°	7173.4	7229.7	7596.8	8209.6	8597.4	8559.0	7377.7	5032.9	3878.3	3674.0	3836.9
60°	6978.0	7055.0	7827.7	9000.1	9689.9	9577.4	7259.3	4141.8	2865.8	2717.8	3037.5
62.5°	5879.7	6021.8	6978.0	9234.0	10441.9	10424.1	6590.2	2954.6	1776.3	1737.8	1918.4
65°	4088.5	4334.2	5468.1	8452.4	10139.9	10166.5	5548.1	1720.1	823.0	1021.4	1122.0
67.5°	2409.9	2584.6	3523.1	6901.0	8508.6	8262.9	3771.7	796.4	411.5	621.7	595.1
70°	1059.9	1178.3	2019.1	4781.3	6199.4	5802.7	1841.5	387.8	313.8	376.0	328.6
72.5°	583.2	636.5	1062.8	2525.4	3771.7	3585.2	621.7	257.6	269.4	281.3	236.8
75°	325.7	349.3	559.5	1459.6	1657.9	1542.4	302.0	168.8	228.0	228.0	174.7
77.5°	189.5	210.2	349.3	908.9	908.9	734.2	183.6	106.6	171.7	153.9	94.7
80°	88.8	100.7	192.4	503.3	574.3	473.7	103.6	74.0	112.5	97.7	62.2
82.5°	26.6	32.6	94.7	195.4	325.7	278.3	53.3	47.4	82.9	62.2	35.5
85°	17.8	20.7	47.4	79.9	159.9	139.1	17.8	14.8	35.5	29.6	14.8
87.5°	3.0	3.0	5.9	5.9	5.9	5.9	3.0	3.0	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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REPORT NUMBER: P1502510
CATALOG NUMBER: GSS-SB3B-722-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4	2670.4
2.5°	2685.2	2664.5	2617.1	2572.7	2549.0	2495.7	2475.0	2451.3	2439.5	2436.5	2418.8
5°	2697.1	2658.6	2540.2	2421.7	2297.4	2179.0	2057.6	1951.0	1865.1	1868.1	1871.1
7.5°	2732.6	2655.6	2448.4	2211.5	1945.1	1637.2	1308.6	1062.8	905.9	873.4	843.8
10°	2780.0	2667.5	2335.9	1897.7	1373.7	864.5	609.9	521.1	482.6	473.7	476.6
12.5°	2868.8	2697.1	2193.8	1465.5	760.9	497.4	441.1	426.3	420.4	420.4	420.4
15°	2978.3	2738.5	1971.7	959.2	497.4	414.5	402.6	399.7	393.8	393.8	396.7
17.5°	3070.1	2738.5	1678.6	624.7	408.6	384.9	376.0	373.0	373.0	376.0	373.0
20°	3170.8	2717.8	1350.0	470.7	379.0	358.2	352.3	352.3	352.3	355.3	355.3
22.5°	3274.4	2682.3	1045.1	402.6	352.3	334.5	331.6	334.5	337.5	340.5	340.5
25°	3389.8	2637.9	826.0	373.0	328.6	313.8	313.8	313.8	316.8	322.7	325.7
27.5°	3517.1	2599.4	707.6	355.3	307.9	293.1	293.1	296.1	302.0	304.9	307.9
30°	3635.6	2599.4	669.1	364.1	299.0	281.3	275.3	278.3	284.2	290.1	290.1
32.5°	3783.6	2629.0	689.8	402.6	296.1	263.5	257.6	257.6	263.5	266.4	266.4
35°	3907.9	2685.2	760.9	455.9	307.9	248.7	236.8	233.9	239.8	236.8	239.8
37.5°	4008.6	2762.2	891.1	527.0	331.6	230.9	216.1	207.2	207.2	207.2	207.2
40°	4038.2	2839.2	1056.9	574.3	328.6	210.2	189.5	180.6	177.6	174.7	174.7
42.5°	3996.7	2874.7	1190.1	571.4	293.1	195.4	168.8	156.9	148.0	145.1	145.1
45°	3964.2	2892.5	1237.5	497.4	266.4	177.6	151.0	136.2	127.3	124.3	121.4
47.5°	3967.1	2910.2	1166.5	405.6	242.8	162.8	136.2	121.4	112.5	109.5	106.6
50°	3979.0	2880.6	988.8	337.5	222.0	148.0	121.4	109.5	100.7	97.7	94.7
52.5°	3854.6	2723.7	695.7	296.1	204.3	139.1	109.5	100.7	91.8	88.8	88.8
55°	3529.0	2347.7	470.7	263.5	189.5	127.3	100.7	94.7	85.9	79.9	79.9
57.5°	3007.9	1770.4	325.7	239.8	165.8	115.5	94.7	85.9	77.0	71.1	71.1
60°	2300.3	1154.6	236.8	219.1	136.2	106.6	88.8	82.9	71.1	65.1	62.2
62.5°	*1400.3*	*648.4*	*192.4*	*192.4*	*115.5*	*100.7*	*79.9*	*74.0*	*62.2*	*53.3*	*50.3*
65°	811.2	381.9	156.9	162.8	100.7	91.8	71.1	62.2	50.3	41.4	38.5
67.5°	390.8	222.0	124.3	115.5	88.8	77.0	62.2	53.3	44.4	35.5	32.6
70°	239.8	171.7	94.7	82.9	71.1	59.2	50.3	47.4	38.5	29.6	29.6
72.5°	195.4	139.1	74.0	59.2	53.3	41.4	41.4	38.5	29.6	23.7	20.7
75°	153.9	103.6	56.3	41.4	32.6	32.6	29.6	26.6	23.7	17.8	17.8
77.5°	82.9	71.1	41.4	23.7	17.8	20.7	20.7	17.8	14.8	11.8	11.8
80°	53.3	41.4	23.7	11.8	11.8	11.8	11.8	8.9	8.9	5.9	5.9
82.5°	26.6	20.7	11.8	3.0	5.9	5.9	5.9	5.9	5.9	3.0	3.0
85°	5.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0
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

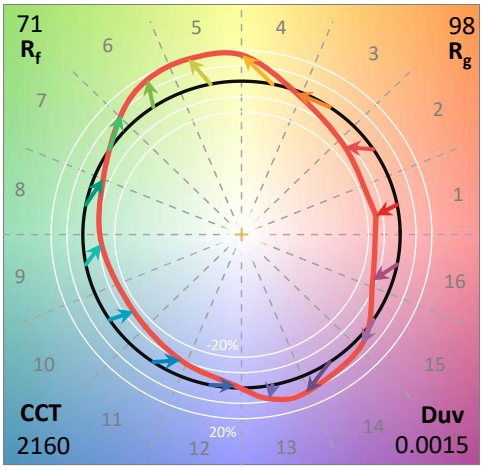
Test Information

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

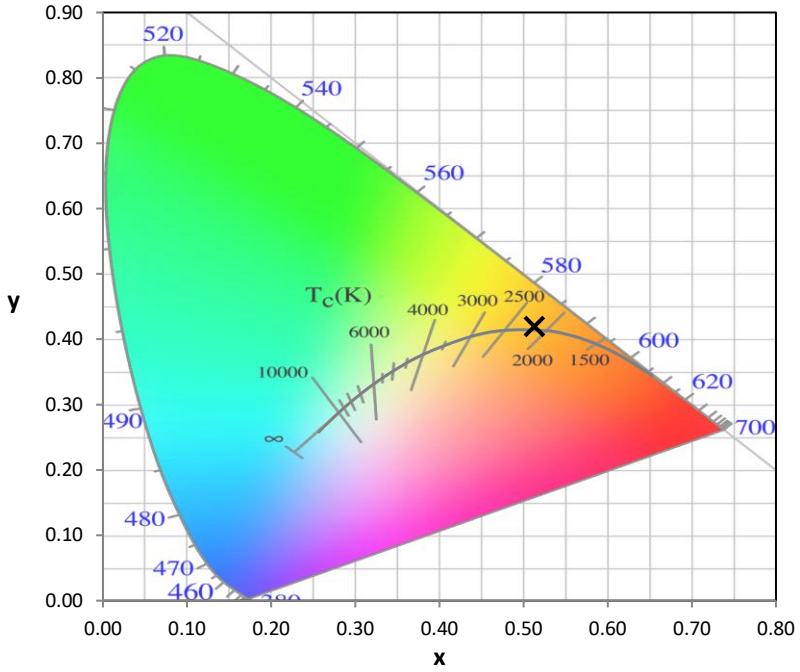
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

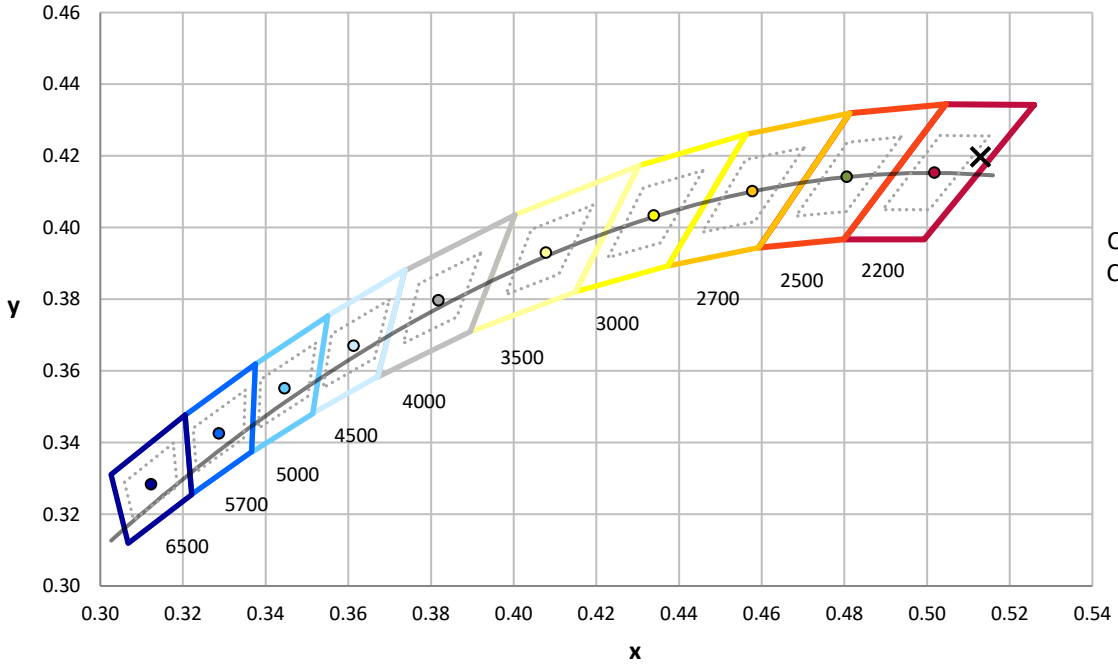
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

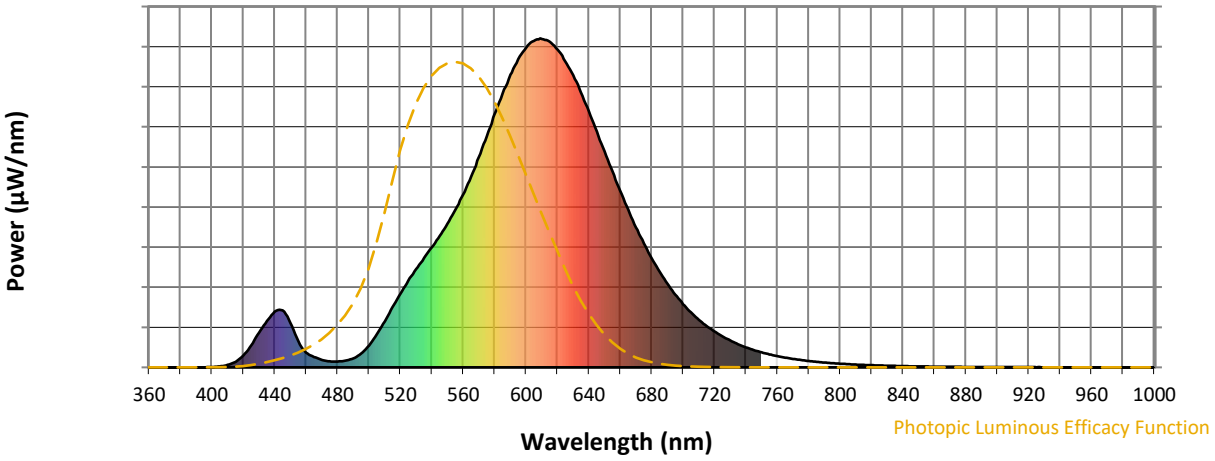


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

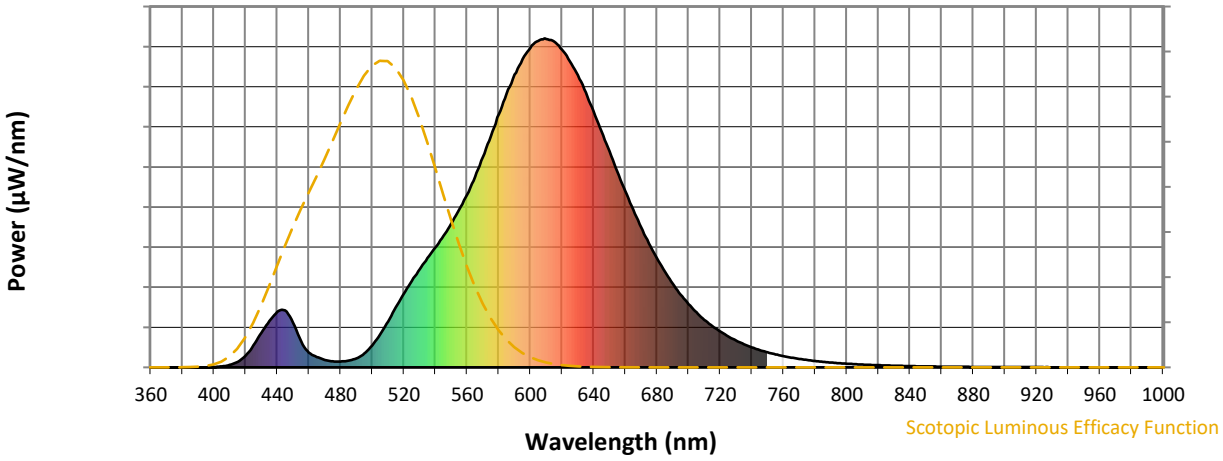


Photopic Lumens: NR

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

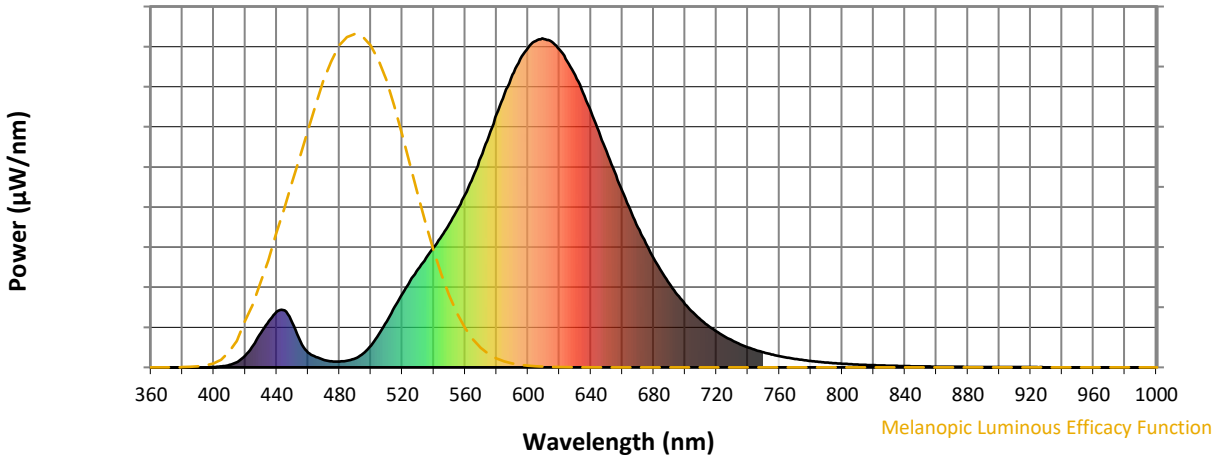


Scotopic Lumens: NR **S/P: 0.8**

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			

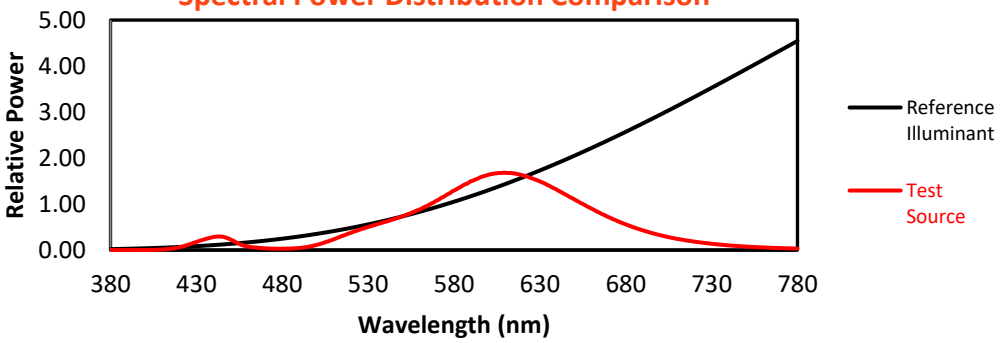
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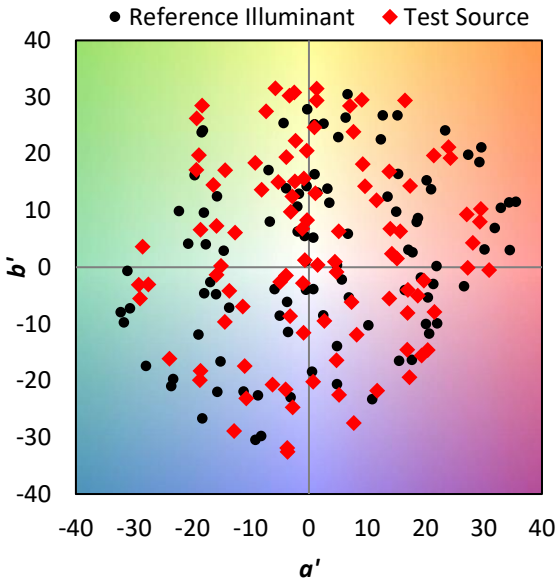
Summary

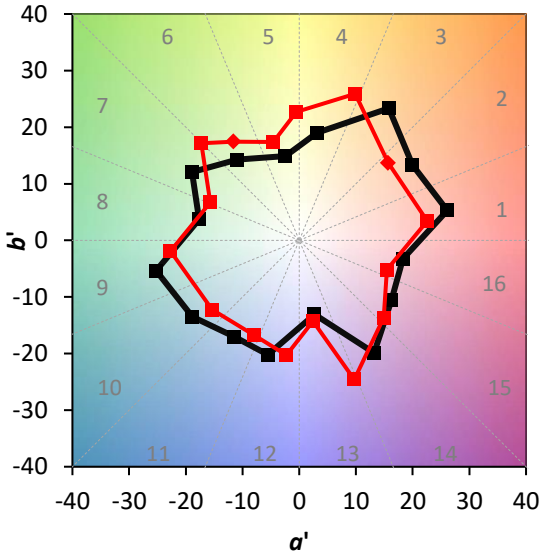
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

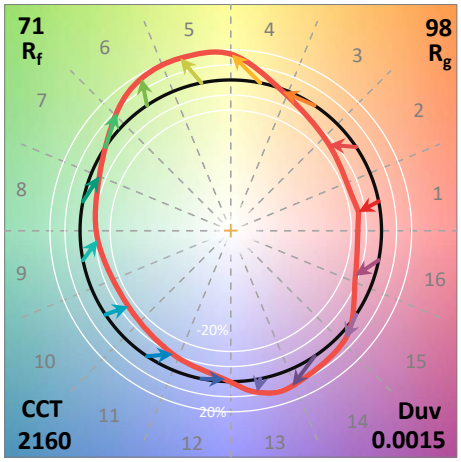
Spectral Power Distribution Comparison

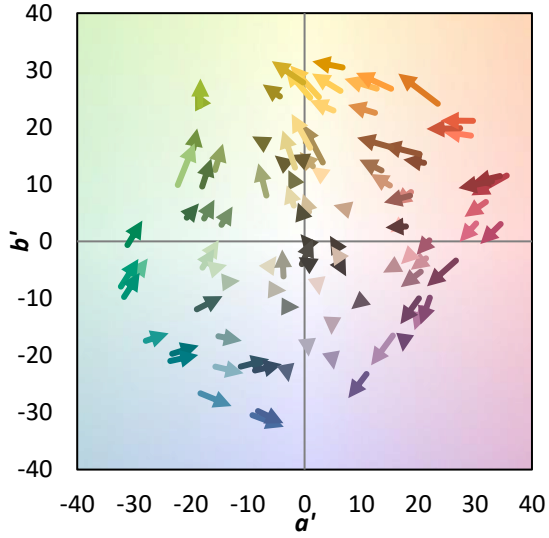


Color Vector Graphics







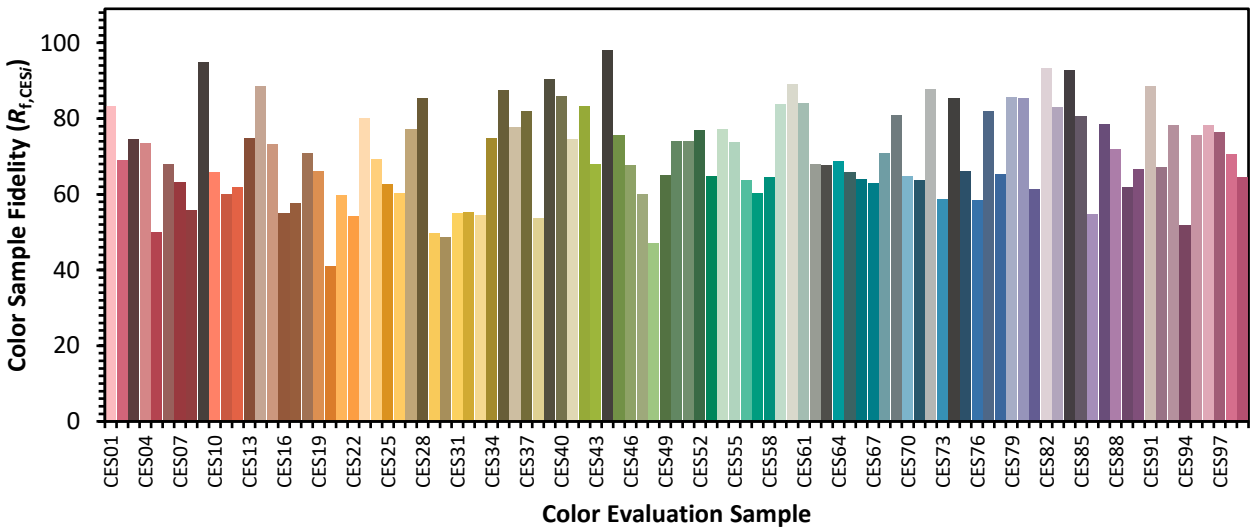


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Individual Sample Fidelity Index ($R_{f,i}$)

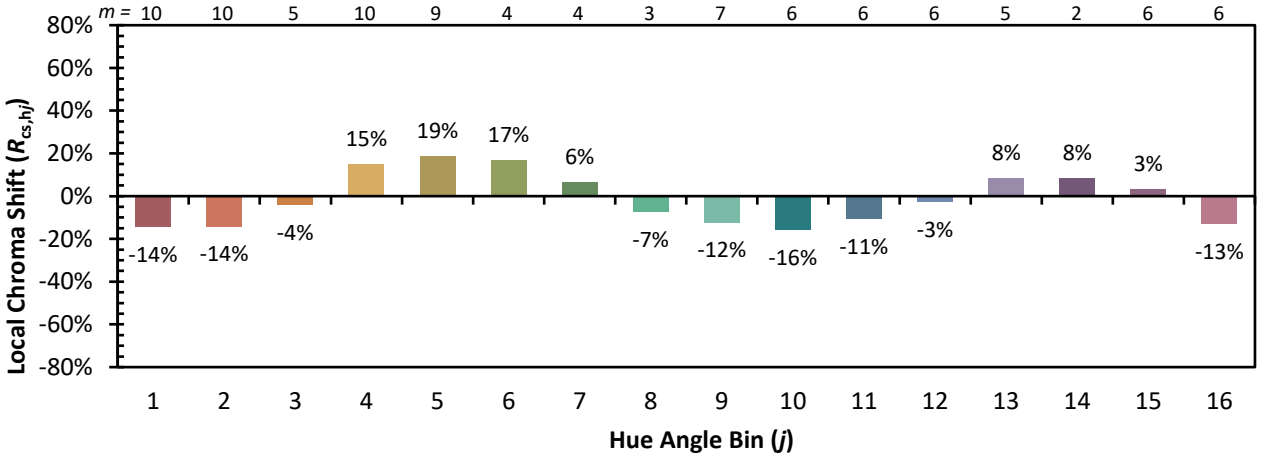
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

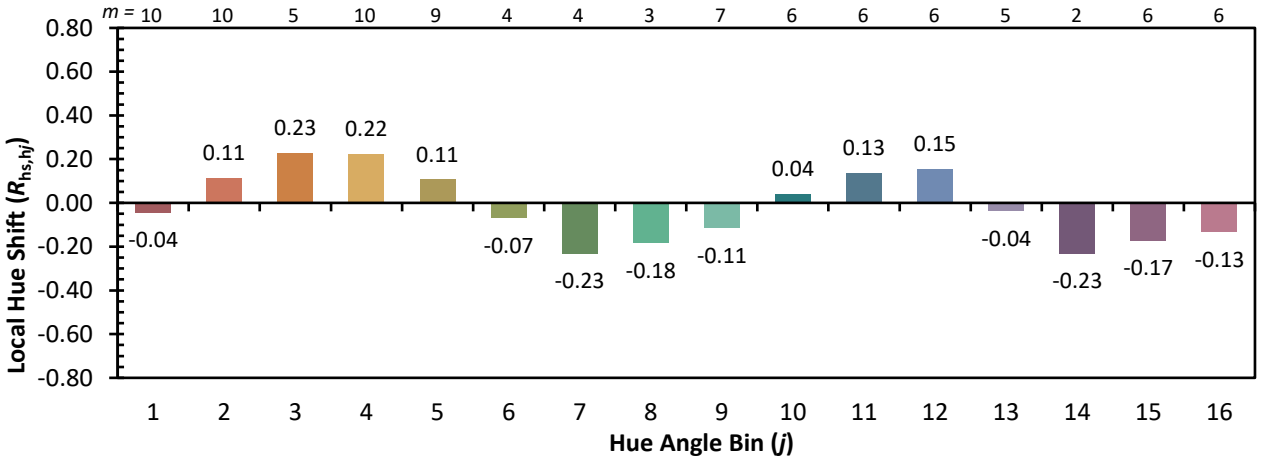


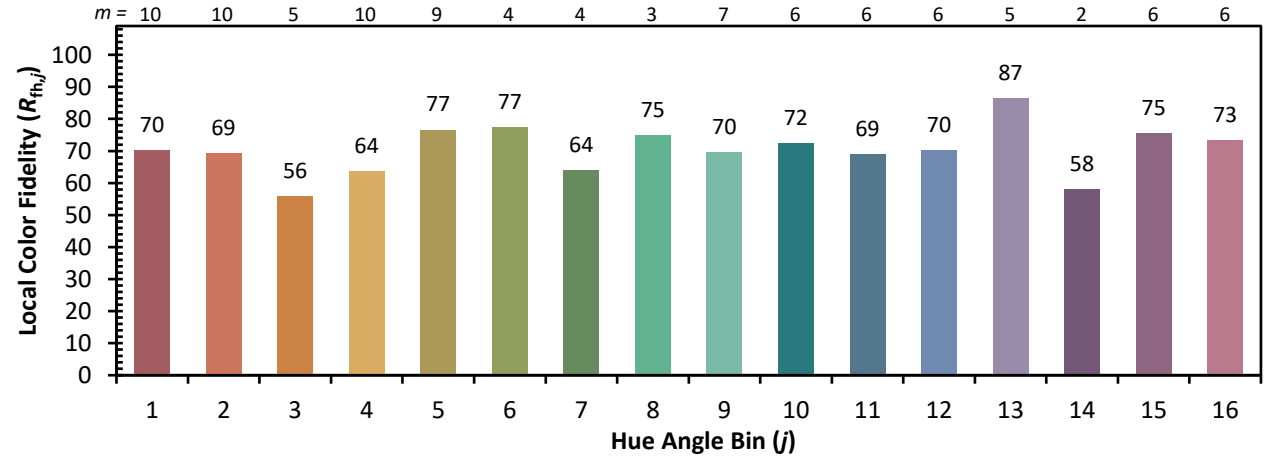
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Color Rendition by Hue-Angle Bin



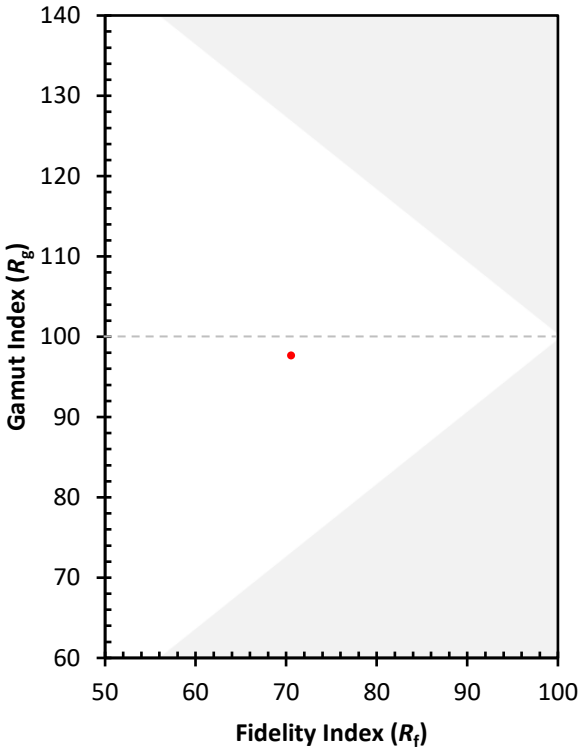


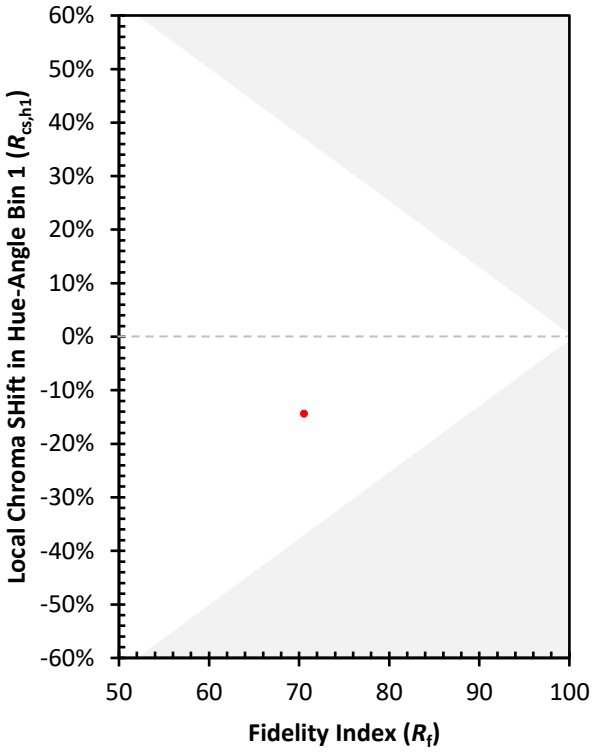


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Measure Comparisons





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