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: P1500570

Luminaire Tested: GSS-SB4B-740-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:	P1500570
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-740-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23272.9 lumens
Efficiency:	N/A
Efficacy:	157.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

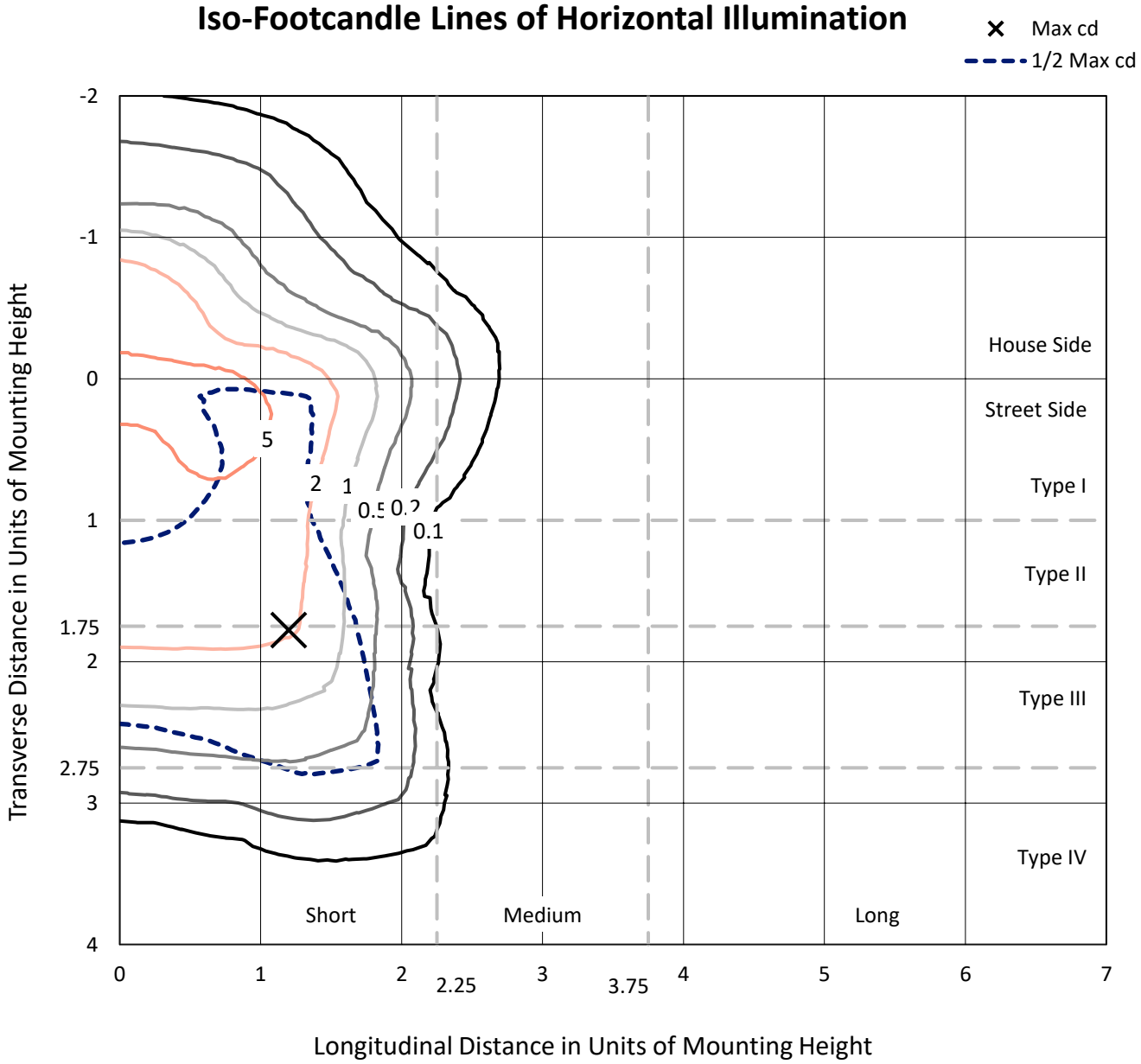
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500570
CATALOG NUMBER: GSS-SB4B-740-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



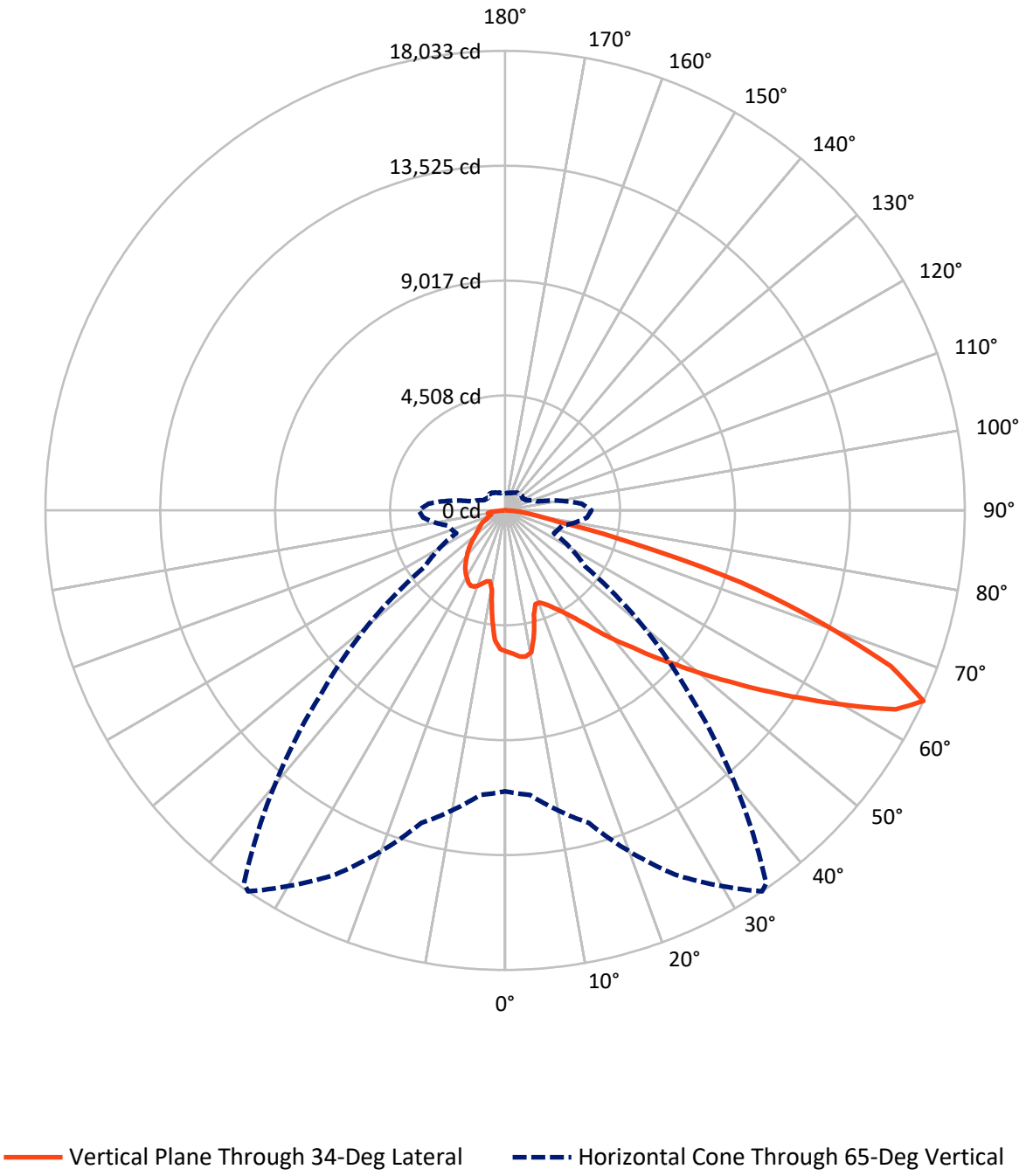
Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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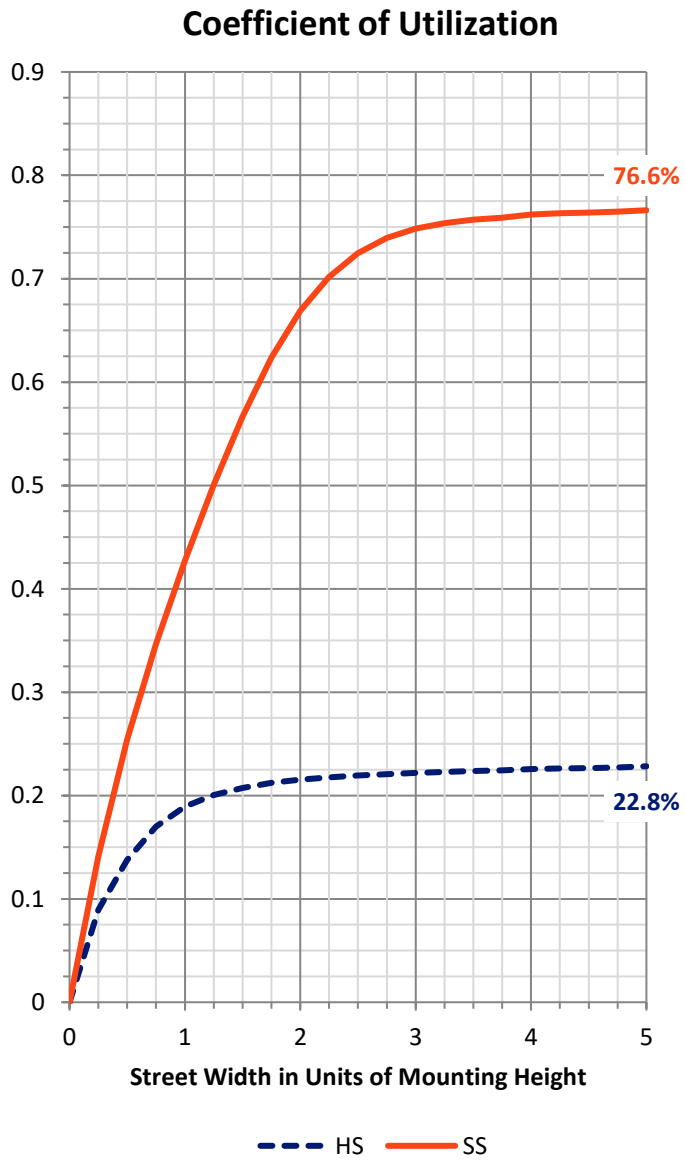
REPORT NUMBER: P1500570
CATALOG NUMBER: GSS-SB4B-740-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5414.6	0.0	5414.6
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	17858.3	0.0	17858.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	23272.9	0.0	23272.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	498.8	2.1
10°-20°	1255.5	5.4
20°-30°	2081.1	8.9
30°-40°	3129.9	13.4
40°-50°	4384.8	18.8
50°-60°	5528.6	23.8
60°-70°	4755.0	20.4
70°-80°	1413.7	6.1
80°-90°	225.5	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°	23272.9	100.0
0°-180°	23272.9	100.0



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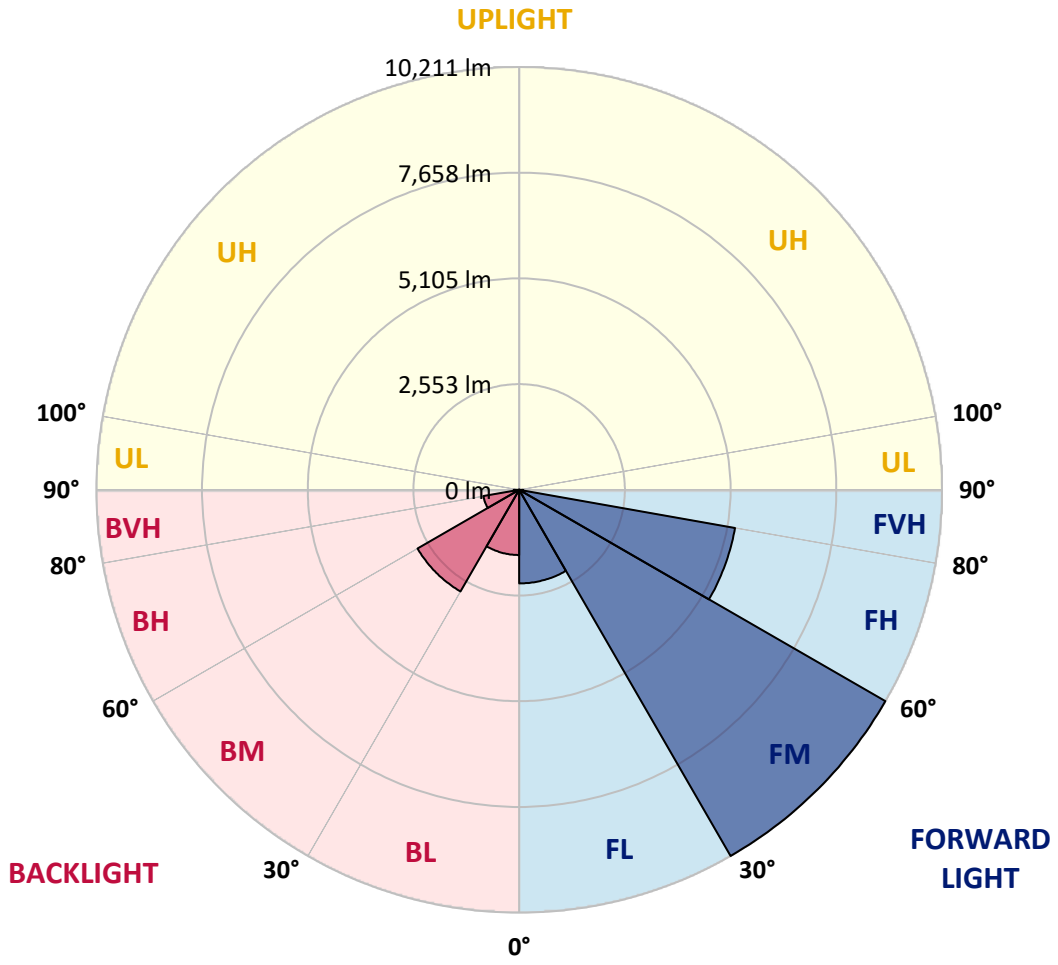
Scaled Data Report

REPORT NUMBER: P1500570
CATALOG NUMBER: GSS-SB4B-740-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2260.0	9.7			
FM	(30°-60°)	10210.5	43.9			
FH	(60°-80°)	5292.4	22.7			G3/7500
FVH	(80°-90°)	95.4	0.4			G1/100
BL	(0°-30°)	1575.4	6.8	B3/2500		
BM	(30°-60°)	2832.7	12.2	B3/5000		
BH	(60°-80°)	876.3	3.8	B2/1000		G2/1000
BVH	(80°-90°)	130.1	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

REPORT NUMBER: P1500570
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2
2.5°	5638.6	5670.2	5633.4	5617.5	5622.8	5628.1	5601.7	5607.0	5575.4	5575.4	5549.0
5°	5759.8	5765.1	5744.0	5759.8	5754.6	5749.3	5749.3	5744.0	5675.5	5659.7	5633.4
7.5°	5691.3	5712.4	5722.9	5780.9	5796.7	5828.3	5849.4	5860.0	5807.3	5765.1	5696.6
10°	5064.2	5080.0	5201.2	5464.7	5665.0	5701.9	5896.8	6007.5	5970.6	5949.5	5833.6
12.5°	4047.2	4073.5	4210.5	4553.1	5022.1	5122.2	5744.0	6118.2	6202.5	6207.8	6039.1
15°	3609.8	3609.8	3651.9	3846.9	4226.3	4305.4	5222.3	6149.8	6450.2	6487.1	6281.5
17.5°	3520.2	3514.9	3541.3	3657.2	3857.5	3904.9	4621.6	5986.4	6745.3	6808.5	6545.0
20°	3514.9	3499.1	3551.8	3683.6	3857.5	3899.6	4342.3	5701.9	6977.1	7177.4	6808.5
22.5°	3520.2	3520.2	3594.0	3783.7	3983.9	4020.8	4395.0	5464.7	7166.9	7562.1	7087.8
25°	3578.2	3567.6	3673.0	3904.9	4178.9	4205.3	4611.0	5454.2	7330.2	7994.2	7425.1
27.5°	3673.0	3678.3	3820.6	4099.9	4410.8	4463.5	4911.4	5680.8	7530.5	8468.5	7751.8
30°	3873.3	3878.5	4047.2	4331.7	4690.1	4758.6	5259.2	6018.0	7815.0	8979.6	8104.9
32.5°	4099.9	4126.2	4331.7	4663.7	5048.4	5085.3	5686.1	6523.9	8241.9	9490.8	8484.3
35°	4479.3	4505.6	4737.5	5085.3	5512.2	5564.9	6207.8	7108.9	8763.6	10007.2	8779.4
37.5°	4969.4	4990.4	5217.0	5638.6	6091.8	6144.5	6787.4	7730.7	9290.6	10418.3	9042.9
40°	5554.3	5601.7	5844.1	6255.2	6713.7	6745.3	7419.8	8331.5	9859.7	10702.9	9148.3
42.5°	6192.0	6239.4	6487.1	6940.3	7361.8	7456.7	8104.9	8969.1	10323.4	10829.3	9064.0
45°	7008.8	6998.2	7230.1	7704.4	8199.7	8236.6	8837.4	9496.1	10602.7	10723.9	8979.6
47.5°	7999.5	8010.0	8157.6	8542.3	9053.4	9137.7	9601.5	9949.3	10766.1	10639.6	8884.8
50°	9116.7	9143.0	9269.5	9548.8	10096.8	10154.8	10291.8	10265.5	10866.2	10460.4	8921.7
52.5°	10233.8	10249.7	10418.3	10713.4	11245.6	11287.8	10987.4	10507.9	10492.1	9738.5	8842.6
55°	11150.8	11145.5	11445.9	11899.1	12547.3	12520.9	11672.5	10323.4	9322.2	8616.0	8489.6
57.5°	11946.5	11978.1	12368.1	13153.3	13970.1	13949.0	12405.0	9348.5	7614.8	7288.1	7915.2
60°	12663.2	12737.0	13469.5	14644.6	15545.8	15419.3	12536.7	7878.3	5923.2	5707.1	6776.9
62.5°	12352.3	12489.3	13664.5	15956.8	17195.2	16915.9	11725.2	6102.4	4010.3	3815.3	4790.2
65°	11024.3	11208.7	12700.1	15767.1	18033.1	17859.2	10249.7	3836.4	2113.2	2318.7	3225.1
67.5°	9258.9	9480.3	11092.8	14165.1	16315.1	15941.0	7962.6	2018.3	985.4	1528.2	2002.5
70°	5074.8	5622.8	8020.6	12046.6	13069.0	12547.3	4605.8	953.8	716.7	953.8	1196.2
72.5°	1907.6	2039.4	3478.0	8099.6	9680.5	9037.6	1749.6	616.6	600.8	706.1	864.2
75°	916.9	980.2	1512.4	3683.6	5285.6	4927.2	859.0	458.5	516.4	553.3	627.1
77.5°	548.1	590.2	943.3	2139.5	2081.5	1912.9	527.0	353.1	416.3	395.2	368.9
80°	326.7	363.6	574.4	1217.3	1254.2	1111.9	321.5	247.7	289.8	252.9	226.6
82.5°	189.7	205.5	300.4	548.1	795.7	732.5	184.4	147.6	210.8	168.6	126.5
85°	94.9	100.1	137.0	237.1	395.2	300.4	79.0	68.5	100.1	73.8	42.2
87.5°	21.1	21.1	21.1	26.3	36.9	36.9	10.5	5.3	5.3	5.3	5.3
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: P1500570
CATALOG NUMBER: GSS-SB4B-740-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2	5533.2
2.5°	5543.8	5554.3	5517.4	5475.3	5464.7	5433.1	5443.6	5422.6	5391.0	5396.2	5401.5
5°	5596.5	5575.4	5501.6	5406.8	5322.4	5227.6	5116.9	4990.4	4900.9	4864.0	4895.6
7.5°	5643.9	5622.8	5496.3	5285.6	5001.0	4605.8	4194.7	3820.6	3562.3	3467.5	3488.6
10°	5775.6	5691.3	5459.5	5001.0	4321.2	3572.9	3156.6	2924.7	2845.7	2803.5	2808.8
12.5°	5949.5	5833.6	5391.0	4505.6	3478.0	3003.8	2856.2	2803.5	2777.2	2766.6	2777.2
15°	6160.3	5981.2	5227.6	3883.8	3088.1	2903.6	2872.0	2877.3	2877.3	2882.6	2882.6
17.5°	6344.8	6065.5	4932.5	3435.9	3009.0	2956.3	2987.9	3014.3	3014.3	3019.6	3014.3
20°	6513.4	6107.6	4553.1	3246.2	3024.8	3051.2	3125.0	3151.3	3156.6	3151.3	3151.3
22.5°	6692.6	6134.0	4173.6	3140.8	3061.7	3140.8	3219.8	3256.7	3267.2	3272.5	3277.8
25°	6866.5	6081.3	3862.7	3056.5	3045.9	3156.6	3246.2	3293.6	3304.1	3304.1	3309.4
27.5°	7040.4	6065.5	3651.9	2945.8	2972.1	3061.7	3167.1	3230.4	3272.5	3277.8	3283.1
30°	7240.6	6018.0	3451.7	2798.2	2808.8	2919.4	3030.1	3140.8	3225.1	3262.0	3262.0
32.5°	7377.6	5970.6	3272.5	2640.1	2640.1	2756.1	2893.1	3030.1	3151.3	3225.1	3240.9
35°	7509.4	5928.5	3114.4	2482.1	2487.3	2598.0	2740.3	2887.8	3040.6	3130.2	3172.4
37.5°	7577.9	5886.3	3003.8	2360.8	2339.8	2455.7	2550.6	2671.8	2835.1	2982.7	3019.6
40°	7593.7	5886.3	2993.2	2276.5	2186.9	2318.7	2360.8	2445.2	2592.7	2750.8	2808.8
42.5°	7488.3	5828.3	3045.9	2223.8	2028.9	2123.7	2171.1	2213.3	2308.1	2439.9	2487.3
45°	7361.8	5749.3	3093.3	2150.1	1833.9	1907.6	1981.4	1986.7	2028.9	2060.5	2092.1
47.5°	7256.4	5665.0	3009.0	2013.0	1633.6	1686.3	1765.4	1765.4	1744.3	1681.0	1660.0
50°	7340.8	5691.3	2866.7	1818.1	1449.2	1486.1	1570.4	1523.0	1475.5	1343.8	1328.0
52.5°	7414.5	5791.5	2698.1	1628.4	1291.1	1328.0	1412.3	1338.5	1243.7	1138.3	1122.5
55°	7293.3	5796.7	2387.2	1417.6	1180.4	1212.0	1291.1	1201.5	1111.9	1048.7	1038.1
57.5°	6929.7	5638.6	2060.5	1254.2	1085.6	1117.2	1191.0	1101.4	1017.1	1011.8	1038.1
60°	6128.7	5085.3	1760.1	1148.8	996.0	1032.9	1106.6	1011.8	901.1	853.7	869.5
62.5°	4626.8	3910.2	1507.1	1027.6	911.7	959.1	1011.8	859.0	764.1	743.0	722.0
65°	*3383.2*	*3003.8*	*1354.3*	*932.7*	*832.6*	*890.6*	*848.4*	*764.1*	*700.9*	*679.8*	*669.3*
67.5°	2186.9	2039.4	1164.6	843.2	758.8	806.3	748.3	706.1	637.6	627.1	642.9
70°	1338.5	1385.9	974.9	743.0	685.1	674.5	685.1	642.9	569.1	584.9	606.0
72.5°	948.6	1022.3	837.9	648.2	584.9	563.9	611.3	584.9	532.2	548.1	569.1
75°	679.8	758.8	690.3	532.2	495.4	484.8	569.1	584.9	548.1	558.6	574.4
77.5°	400.5	484.8	490.1	411.0	374.2	432.1	606.0	674.5	648.2	616.6	600.8
80°	258.2	289.8	347.8	263.5	263.5	374.2	664.0	822.1	706.1	627.1	616.6
82.5°	131.7	152.8	226.6	168.6	158.1	279.3	653.4	785.2	779.9	695.6	679.8
85°	36.9	47.4	105.4	73.8	63.2	147.6	490.1	590.2	527.0	384.7	390.0
87.5°	5.3	5.3	0.0	0.0	5.3	21.1	58.0	10.5	10.5	10.5	10.5
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

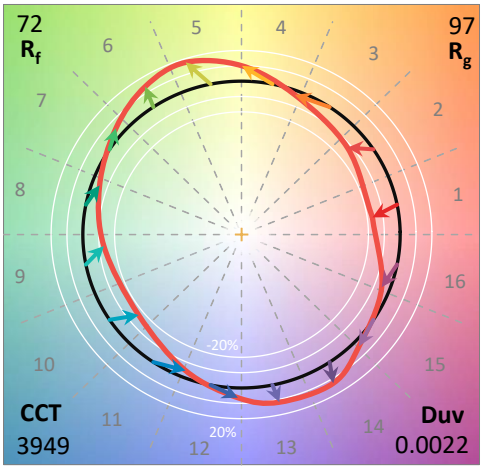
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

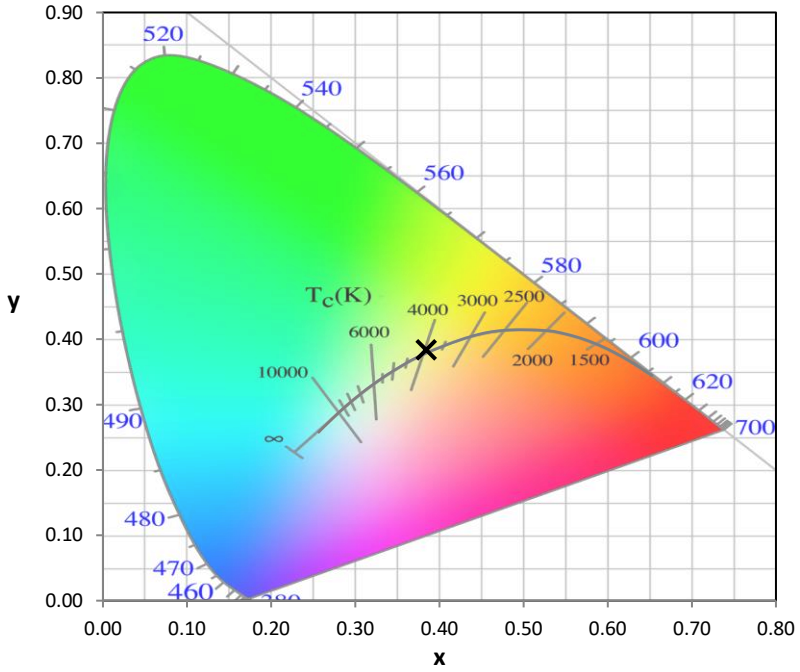
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

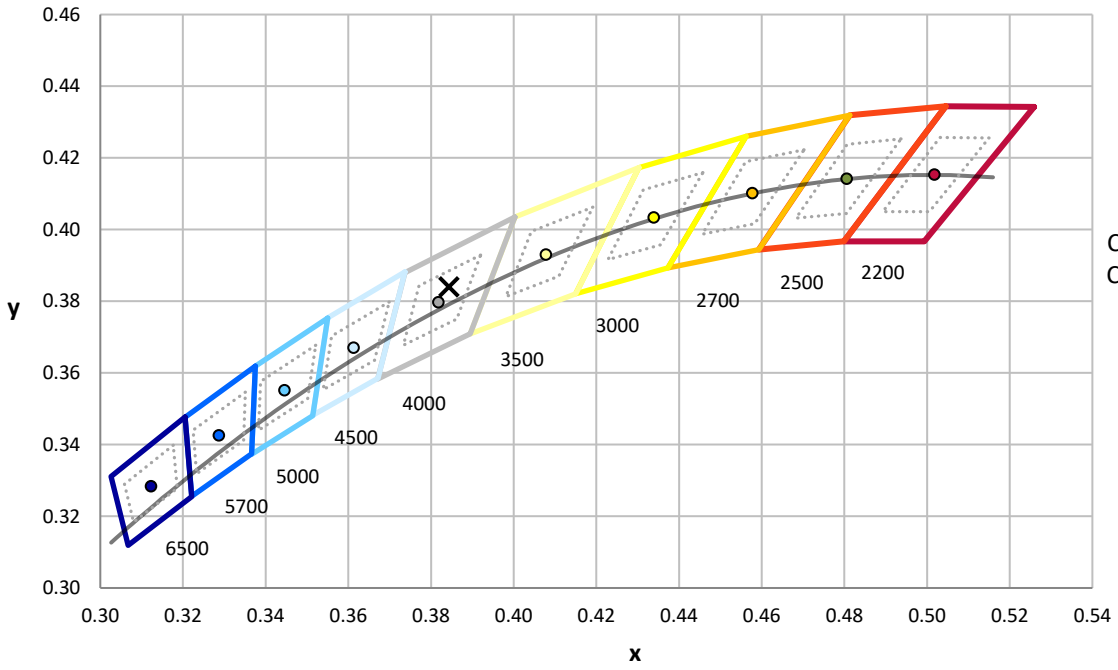
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

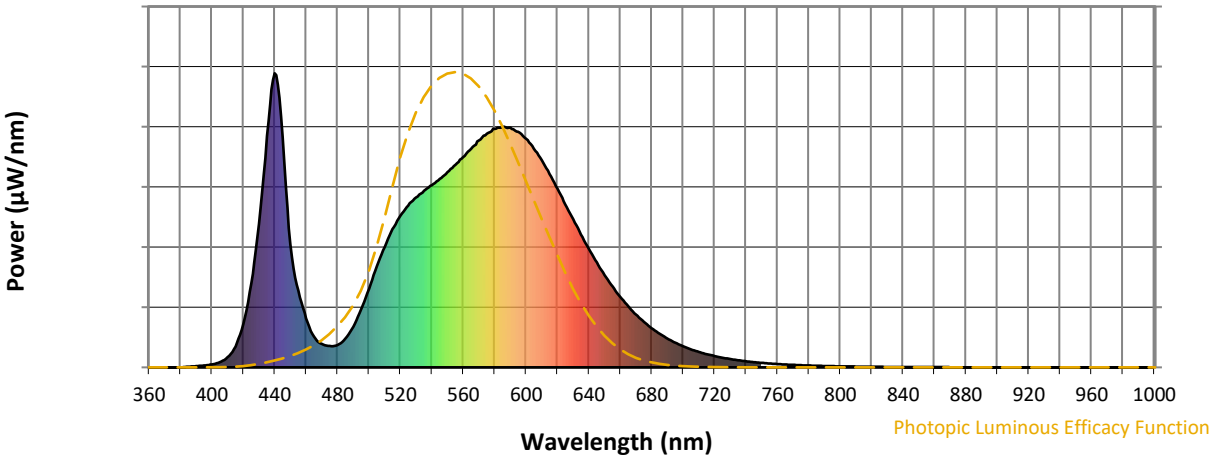


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

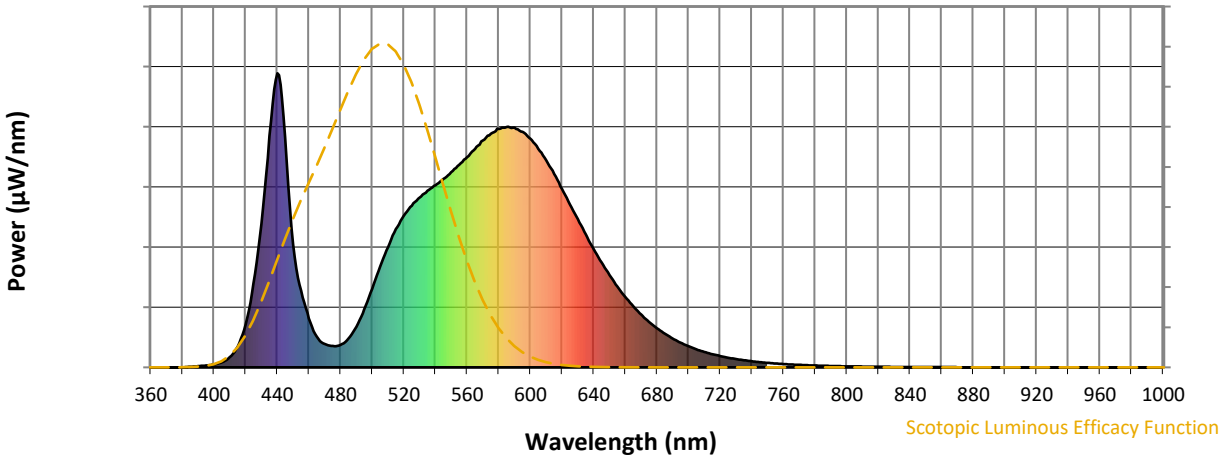


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

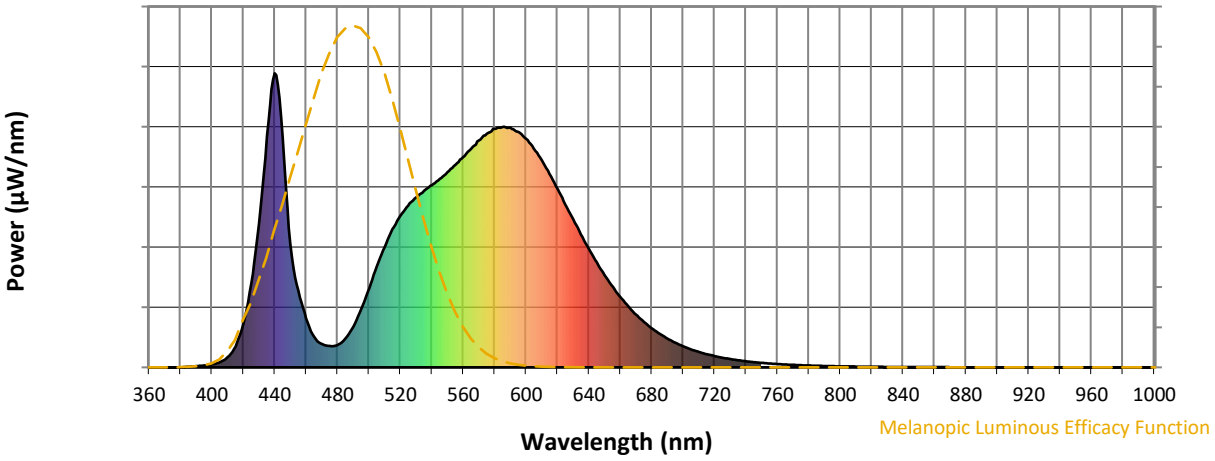


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

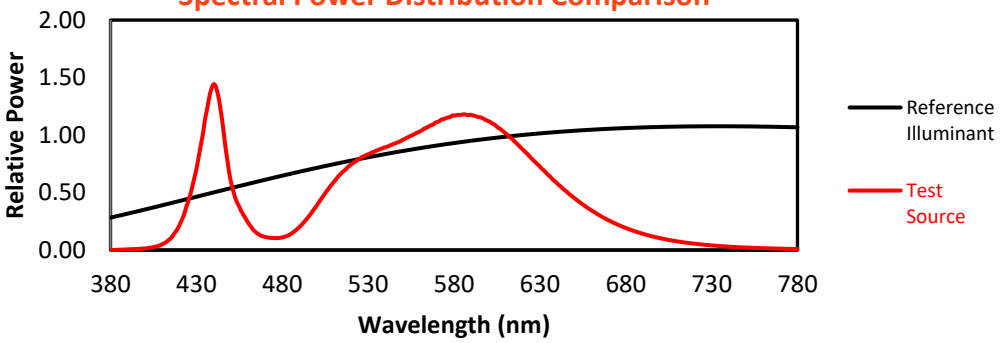
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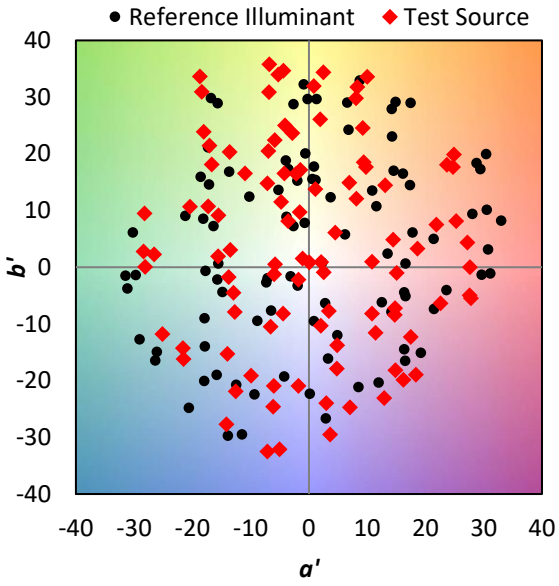
Summary

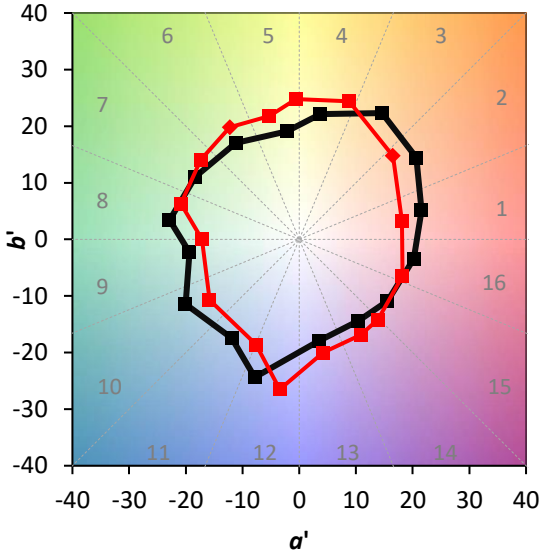
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R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

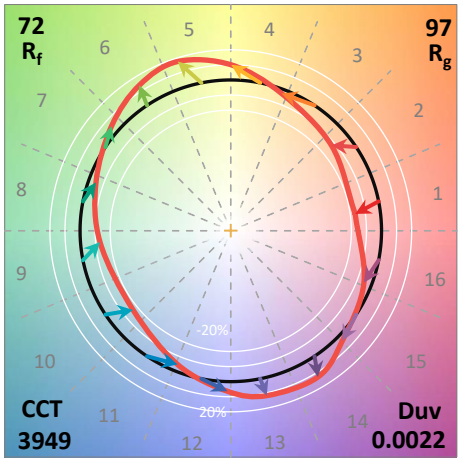
Spectral Power Distribution Comparison

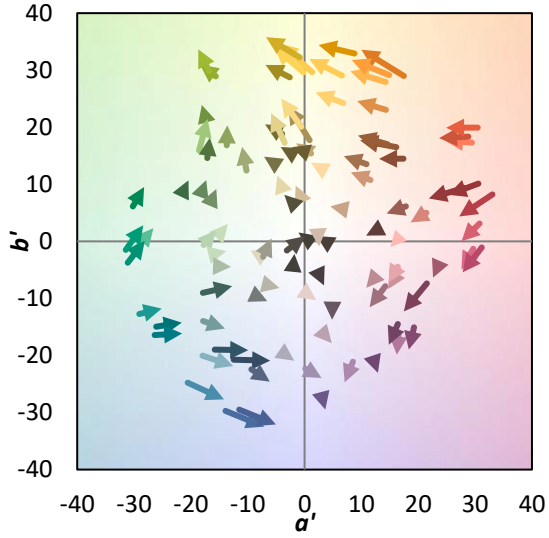


Color Vector Graphics







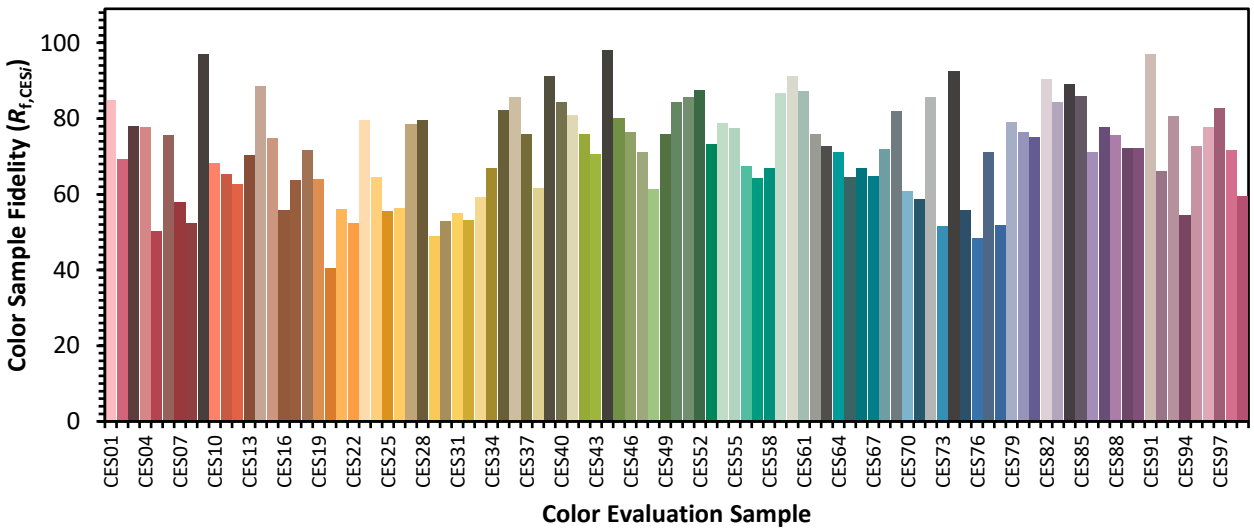


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Individual Sample Fidelity Index ($R_{f,i}$)

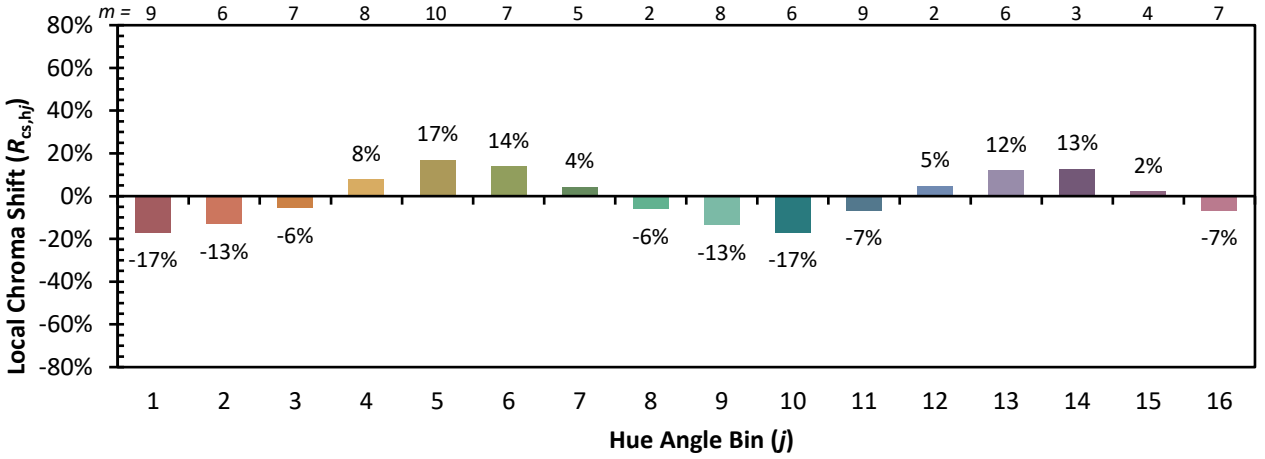
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

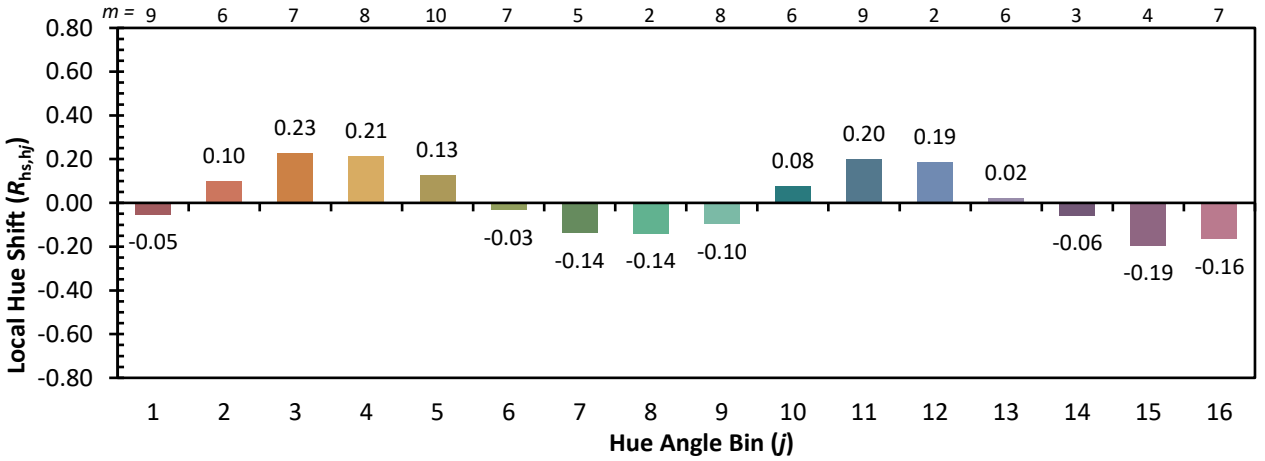


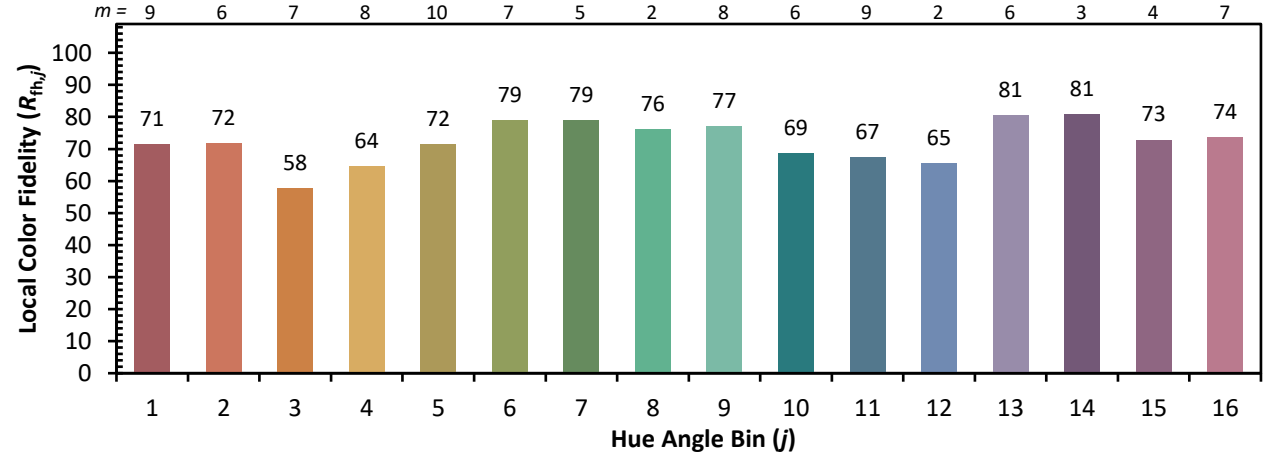
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Color Rendition by Hue-Angle Bin



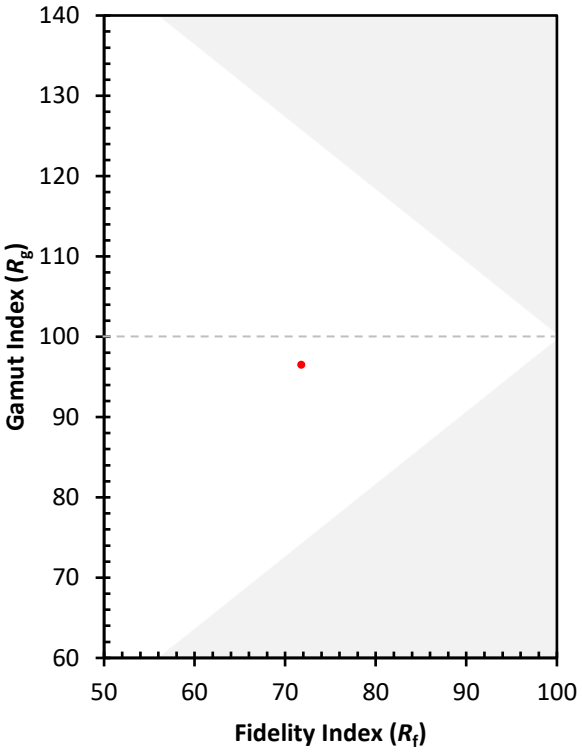


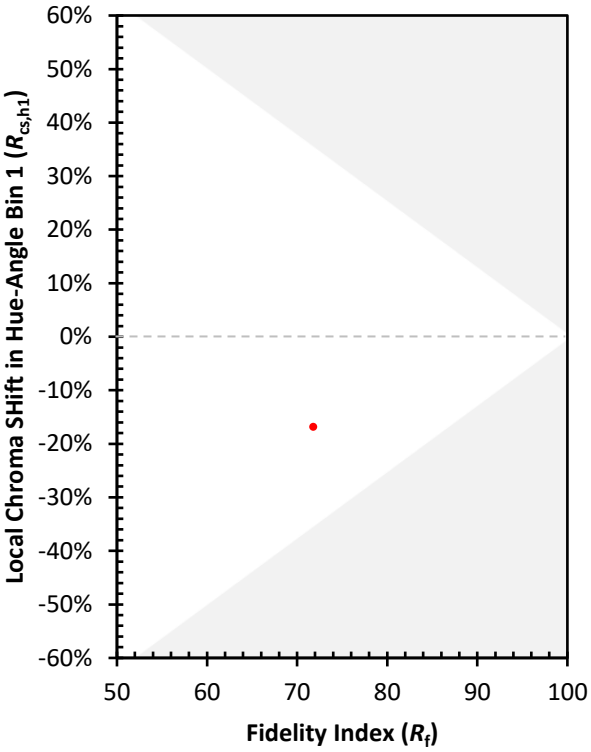


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Measure Comparisons





(END OF REPORT)