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: P1502106

Luminaire Tested: GSS-SB4B-740-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:	P1502106
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-740-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19429.4 lumens
Efficiency:	N/A
Efficacy:	131.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

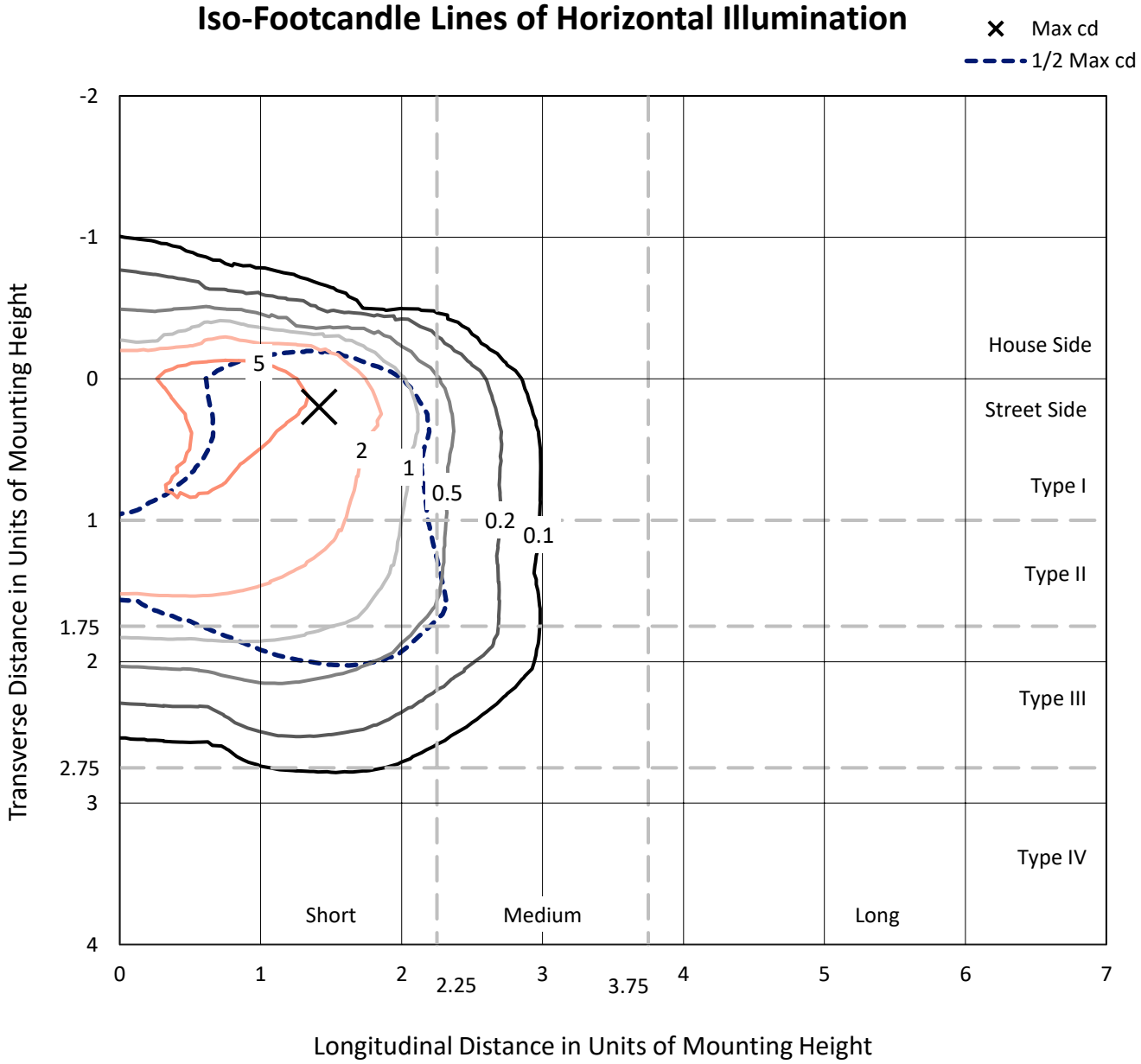
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502106
CATALOG NUMBER: GSS-SB4B-740-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



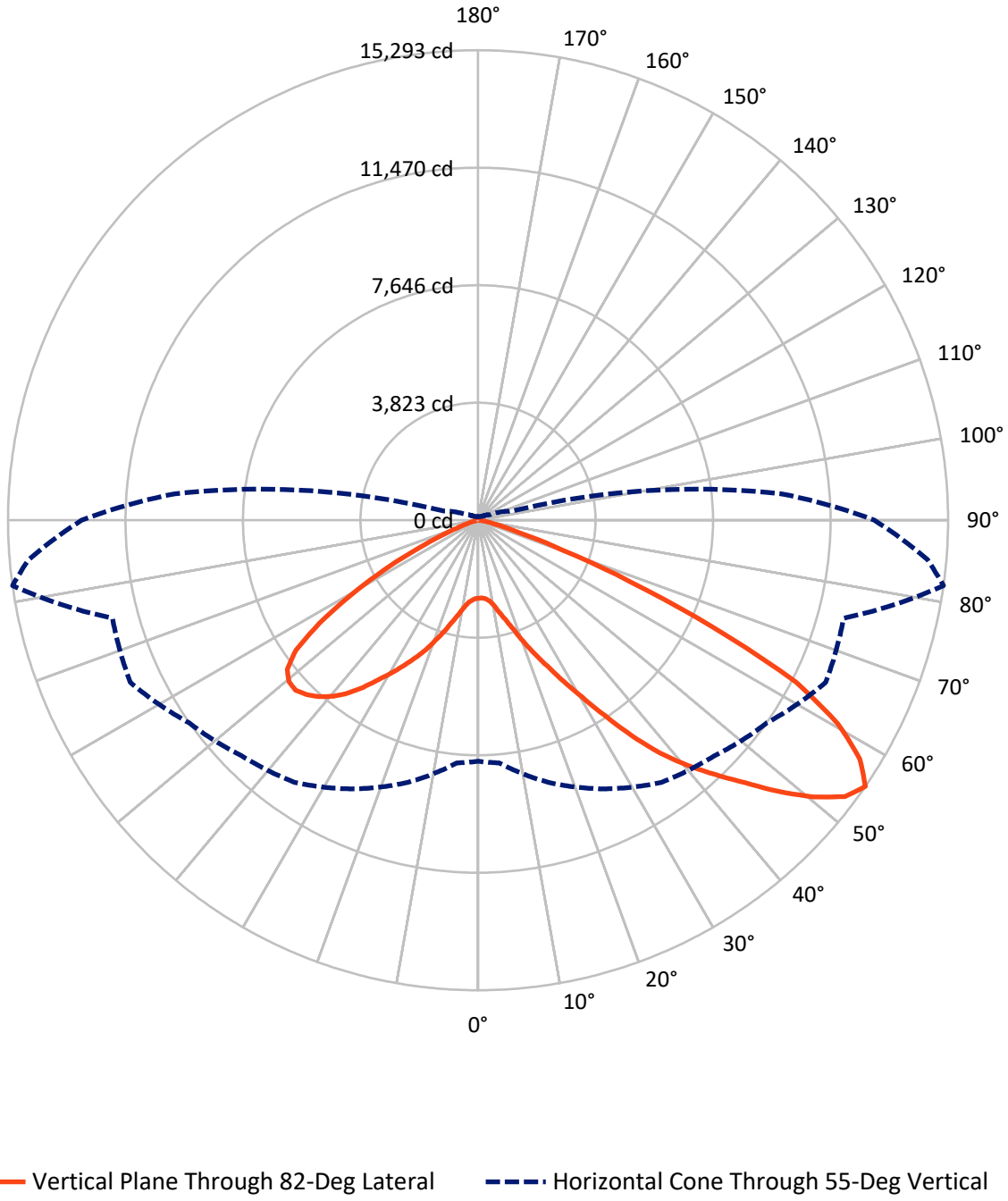
Based on 25 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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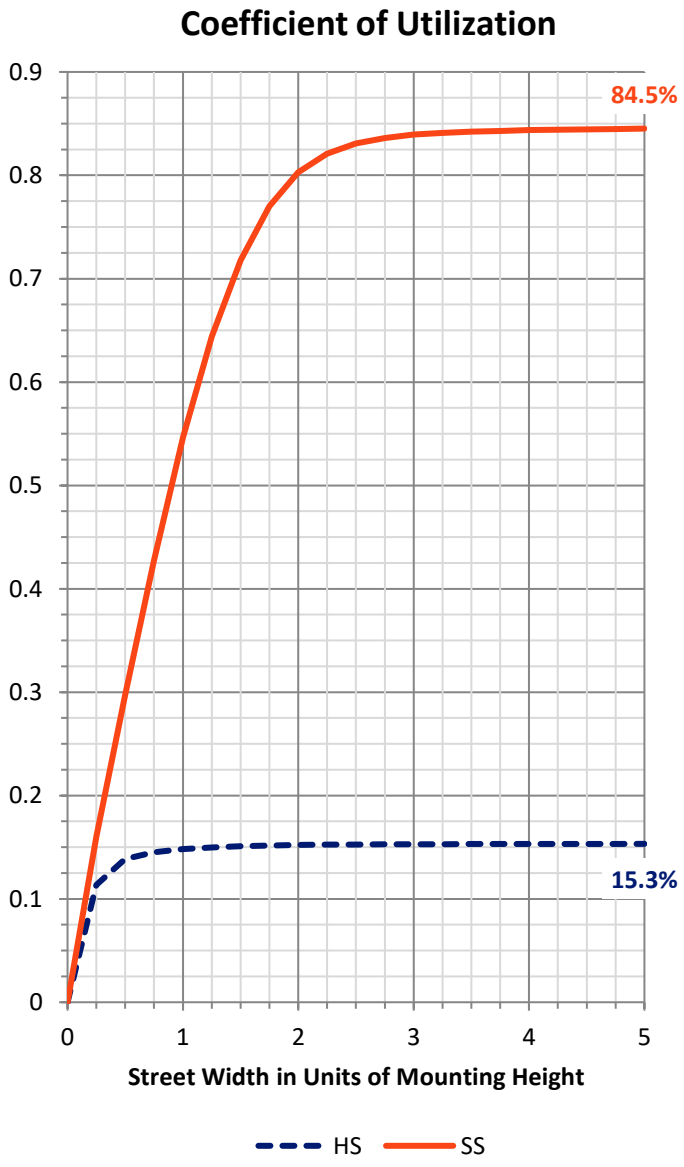
REPORT NUMBER: P1502106
CATALOG NUMBER: GSS-SB4B-740-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3003.1	0.0	3003.1
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	16426.3	0.0	16426.3
	% Fixture	84.5	0.0	84.5
Total	Lumens	19429.4	0.0	19429.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.0	1.2
10°-20°	622.4	3.2
20°-30°	1244.3	6.4
30°-40°	2576.7	13.3
40°-50°	4304.4	22.2
50°-60°	5459.4	28.1
60°-70°	4081.2	21.0
70°-80°	864.5	4.4
80°-90°	46.6	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°	19429.4	100.0
0°-180°	19429.4	100.0



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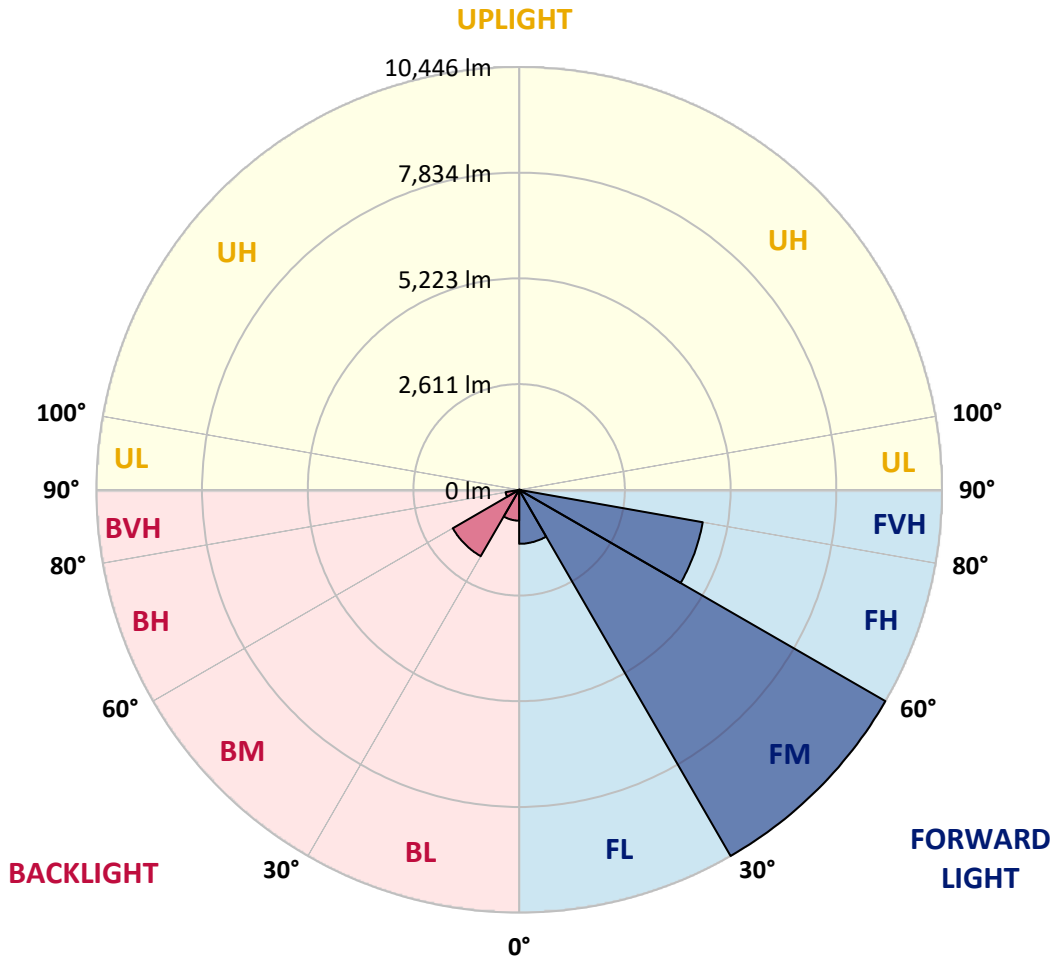
Scaled Data Report

REPORT NUMBER: P1502106
CATALOG NUMBER: GSS-SB4B-740-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1334.4	6.9			
FM	(30°-60°)	10445.6	53.8			
FH	(60°-80°)	4604.7	23.7			G2/5000
FVH	(80°-90°)	41.6	0.2			G1/100
BL	(0°-30°)	762.3	3.9	B2/1000		
BM	(30°-60°)	1894.9	9.8	B2/2500		
BH	(60°-80°)	341.0	1.8	B1/500		G1/500
BVH	(80°-90°)	4.9	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°	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	*2536.5*	2536.5
2.5°	2467.9	2473.2	2462.7	2467.9	2478.5	2473.2	2494.3	2510.1	2526.0	*2531.2*	2536.5
5°	2251.7	2257.0	2262.3	2304.5	2330.8	2394.1	2452.1	2489.0	2541.8	*2568.1*	2573.4
7.5°	1993.3	1993.3	2014.4	2067.2	2135.7	2257.0	2388.8	2494.3	2594.5	*2647.2*	2657.8
10°	1945.9	1951.2	1951.2	1988.1	2046.1	2167.4	2336.1	2547.1	2726.3	*2805.4*	2831.8
12.5°	1956.4	1961.7	1967.0	2003.9	2061.9	2167.4	2383.6	2657.8	2937.3	*3069.1*	3084.9
15°	1982.8	1993.3	2009.2	2056.6	2119.9	2257.0	2483.8	2816.0	3190.4	*3359.2*	3401.3
17.5°	2061.9	2067.2	2093.5	2146.3	2246.5	2383.6	2631.4	3021.7	3543.7	*3728.3*	3807.4
20°	2183.2	2193.7	2230.6	2304.5	2420.5	2594.5	2868.7	3290.6	3923.4	*4208.2*	4271.5
22.5°	2336.1	2336.1	2388.8	2504.9	2668.3	2863.5	3195.7	3649.2	4387.5	*4719.7*	4825.2
25°	2589.2	2584.0	2626.2	2758.0	2953.1	3237.9	3575.4	4076.3	4872.6	*5268.1*	5378.9
27.5°	3169.3	3153.5	3137.7	3142.9	3311.7	3675.6	4065.8	4614.2	5473.8	*5937.8*	6022.2
30°	3844.3	3865.4	3844.3	3791.6	3817.9	4155.4	4640.6	5273.4	6148.8	*6670.8*	6781.6
32.5°	4434.9	4445.5	4535.1	4593.1	4614.2	4772.4	5305.0	6069.7	7008.3	*7577.9*	7720.3
35°	5078.3	5094.1	5194.3	5315.6	5505.4	5647.8	6138.2	6992.5	7883.7	*8600.9*	8706.4
37.5°	5827.1	5853.5	5985.3	6159.3	6423.0	6749.9	7013.6	7831.0	8774.9	*9602.9*	9713.6
40°	6486.3	6570.7	6797.4	7018.9	7298.4	7667.5	7841.5	8564.0	9434.1	*10488.8*	10673.4
42.5°	7108.5	7156.0	7519.9	7862.6	8194.9	8495.4	8664.2	9138.8	10019.5	*11311.4*	11517.1
45°	7625.3	7662.2	8068.3	8521.8	8933.1	9233.7	9260.1	9697.8	10599.5	*12181.5*	12339.7
47.5°	7941.7	7999.7	8521.8	9038.6	9492.1	9771.6	9729.4	10409.7	11232.3	*13194.0*	13215.1
50°	8131.6	8168.5	8701.1	9370.8	9929.8	10124.9	10214.6	11090.0	11807.1	*14153.8*	14027.2
52.5°	8268.7	8326.7	8848.8	9560.7	10188.2	10451.9	10773.5	11854.6	12260.6	*14939.5*	14602.0
55°	*7841.5*	*7925.9*	*8827.7*	*9645.0*	*10409.7*	*10852.6*	*11485.5*	*12482.1*	*12313.4*	*15292.8*	*14675.9*
57.5°	7361.7	7377.5	8268.7	9618.7	10657.5	11274.5	12139.4	12529.6	11823.0	*14649.5*	13927.0
60°	6655.0	6749.9	7662.2	9275.9	10699.7	11612.0	12582.3	11954.8	10926.5	*13457.7*	12371.4
62.5°	4672.2	4819.9	6011.7	8374.2	10399.1	11796.6	12508.5	10952.8	9803.2	*11617.3*	10399.1
65°	2615.6	2742.2	3717.7	6755.2	9571.2	11754.4	11749.1	9613.4	7999.7	*8395.2*	7435.5
67.5°	1434.4	1534.6	1930.1	5083.6	7593.7	10852.6	10151.3	7335.3	5363.0	*5331.4*	4640.6
70°	1001.9	1007.2	1218.2	3433.0	5458.0	7572.6	7936.5	4920.1	3327.5	*2942.6*	2483.8
72.5°	490.4	495.7	606.4	1618.9	3338.1	4197.6	5442.1	2557.6	1866.8	*1460.7*	1244.5
75°	247.8	242.6	332.2	606.4	1381.6	2046.1	2399.4	1281.4	1086.3	*801.6*	711.9
77.5°	158.2	163.5	195.1	332.2	622.3	796.3	738.3	696.1	638.1	*469.3*	406.1
80°	105.5	105.5	131.8	210.9	305.9	379.7	226.8	321.7	374.4	*274.2*	237.3
82.5°	31.6	31.6	79.1	116.0	147.7	152.9	100.2	147.7	210.9	*152.9*	116.0
85°	21.1	21.1	42.2	58.0	63.3	52.7	31.6	63.3	100.2	*68.6*	58.0
87.5°	0.0	0.0	0.0	5.3	5.3	5.3	5.3	5.3	5.3	*5.3*	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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Scaled Data Report

REPORT NUMBER: P1502106
CATALOG NUMBER: GSS-SB4B-740-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5	2536.5
2.5°	2541.8	2547.1	2562.9	2568.1	2578.7	2584.0	2584.0	2584.0	2578.7	2584.0	2594.5
5°	2584.0	2610.3	2631.4	2626.2	2626.2	2599.8	2578.7	2536.5	2515.4	2510.1	2515.4
7.5°	2689.4	2710.5	2731.6	2700.0	2620.9	2499.6	2367.8	2262.3	2172.6	2130.5	2146.3
10°	2879.3	2905.6	2905.6	2758.0	2536.5	2251.7	2014.4	1819.3	1671.7	1592.6	1629.5
12.5°	3153.5	3174.6	3121.9	2810.7	2388.8	1919.5	1524.0	1197.1	1007.2	912.3	891.2
15°	3469.9	3501.5	3322.2	2800.2	2156.8	1434.4	949.2	711.9	643.4	622.3	627.5
17.5°	3875.9	3891.8	3543.7	2715.8	1756.0	938.7	675.0	606.4	590.6	580.1	580.1
20°	4376.9	4329.5	3723.0	2573.4	1281.4	738.3	622.3	569.5	553.7	548.4	553.7
22.5°	4914.8	4841.0	3870.7	2304.5	970.3	696.1	595.9	537.9	516.8	511.5	511.5
25°	5479.1	5310.3	3986.7	1909.0	907.0	685.5	564.3	490.4	469.3	458.8	458.8
27.5°	6122.4	5832.4	4050.0	1597.8	922.8	669.7	527.3	448.2	416.6	406.1	406.1
30°	6834.3	6412.4	4055.2	1534.6	954.5	648.6	490.4	400.8	369.1	353.3	358.6
32.5°	7699.2	7003.1	4039.4	1634.8	975.6	632.8	448.2	353.3	327.0	311.1	311.1
35°	8595.6	7720.3	3976.1	1824.6	986.1	585.3	395.5	311.1	279.5	274.2	279.5
37.5°	9486.8	8400.5	3886.5	1930.1	933.4	479.9	321.7	268.9	247.8	247.8	247.8
40°	10298.9	8991.1	3765.2	1840.4	743.5	348.0	263.7	232.0	221.5	216.2	221.5
42.5°	10905.4	9518.5	3543.7	1550.4	527.3	279.5	232.0	205.7	195.1	195.1	200.4
45°	11569.8	10024.7	3116.6	1139.1	400.8	242.6	200.4	179.3	174.0	174.0	179.3
47.5°	12239.6	10430.8	2705.3	759.4	348.0	216.2	179.3	163.5	158.2	152.9	158.2
50°	12751.1	10625.9	2167.4	553.7	316.4	195.1	163.5	152.9	142.4	137.1	137.1
52.5°	13114.9	10573.2	1587.3	474.6	290.0	179.3	152.9	142.4	126.6	126.6	126.6
55°	*12893.5*	*9898.2*	*1144.3*	*427.1*	*268.9*	*168.7*	*147.7*	*131.8*	*121.3*	*116.0*	*116.0*
57.5°	11817.7	8437.4	827.9	385.0	237.3	158.2	142.4	126.6	110.7	105.5	105.5
60°	10272.6	6570.7	617.0	337.5	205.7	152.9	126.6	121.3	105.5	94.9	94.9
62.5°	8395.2	4783.0	479.9	290.0	184.6	131.8	121.3	110.7	94.9	84.4	79.1
65°	5827.1	3053.3	369.1	237.3	174.0	116.0	110.7	94.9	79.1	63.3	63.3
67.5°	3596.5	1814.0	284.8	184.6	137.1	100.2	94.9	84.4	68.6	52.7	52.7
70°	1988.1	959.8	195.1	137.1	105.5	79.1	73.8	73.8	58.0	47.5	42.2
72.5°	954.5	522.1	131.8	116.0	79.1	52.7	58.0	58.0	47.5	36.9	36.9
75°	574.8	311.1	89.6	89.6	52.7	42.2	42.2	47.5	36.9	26.4	26.4
77.5°	327.0	184.6	52.7	68.6	36.9	26.4	31.6	26.4	21.1	15.8	15.8
80°	184.6	105.5	31.6	47.5	21.1	15.8	15.8	10.5	10.5	5.3	5.3
82.5°	89.6	58.0	15.8	15.8	10.5	5.3	5.3	5.3	5.3	0.0	0.0
85°	42.2	10.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	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: SP1-2407-184-1

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

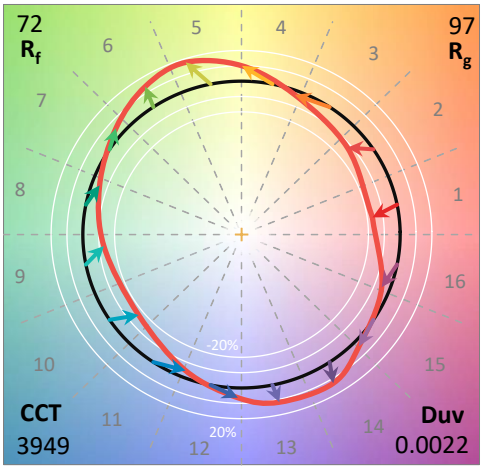
Test Information

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

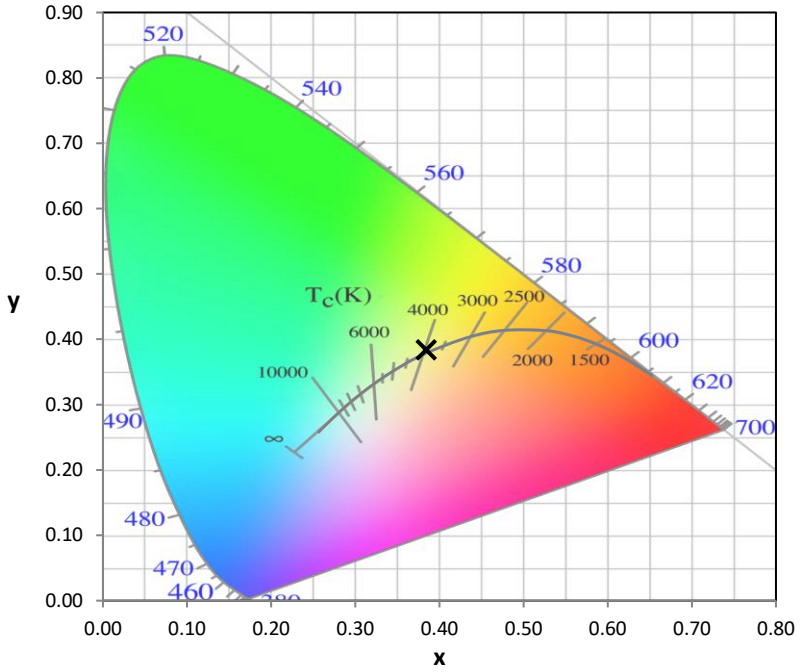
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

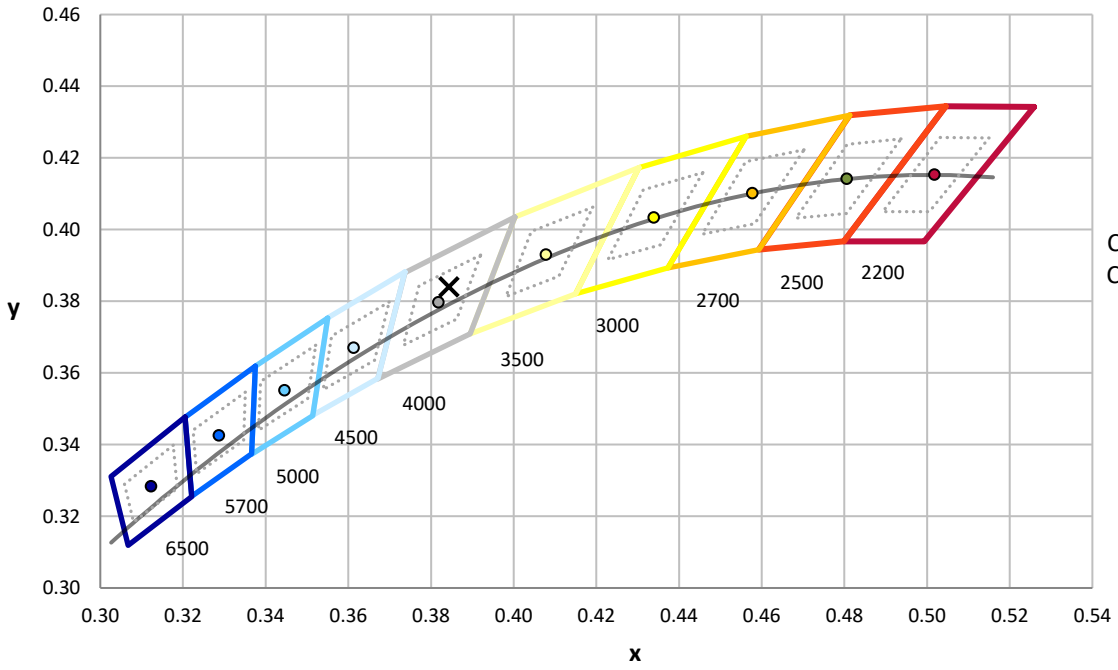
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

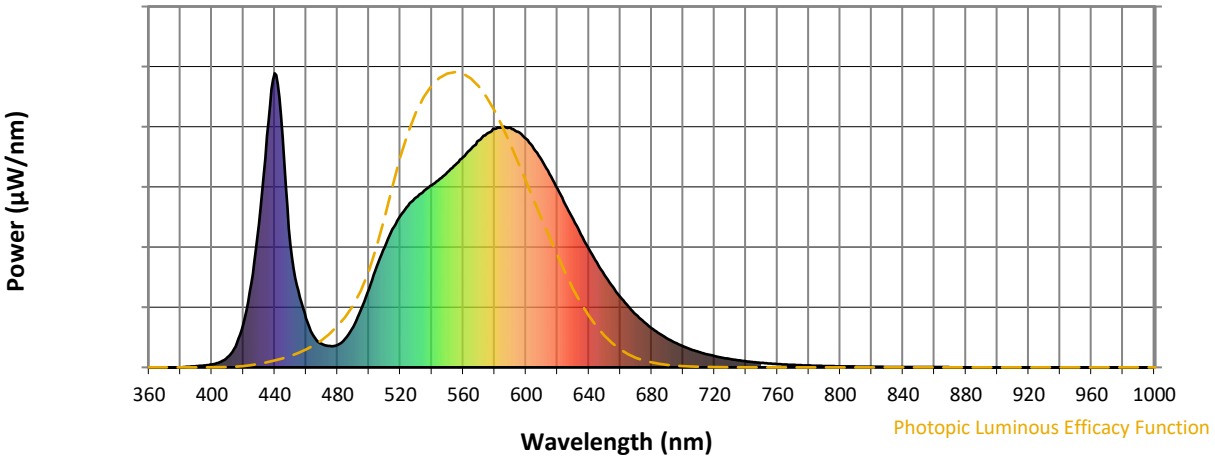


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

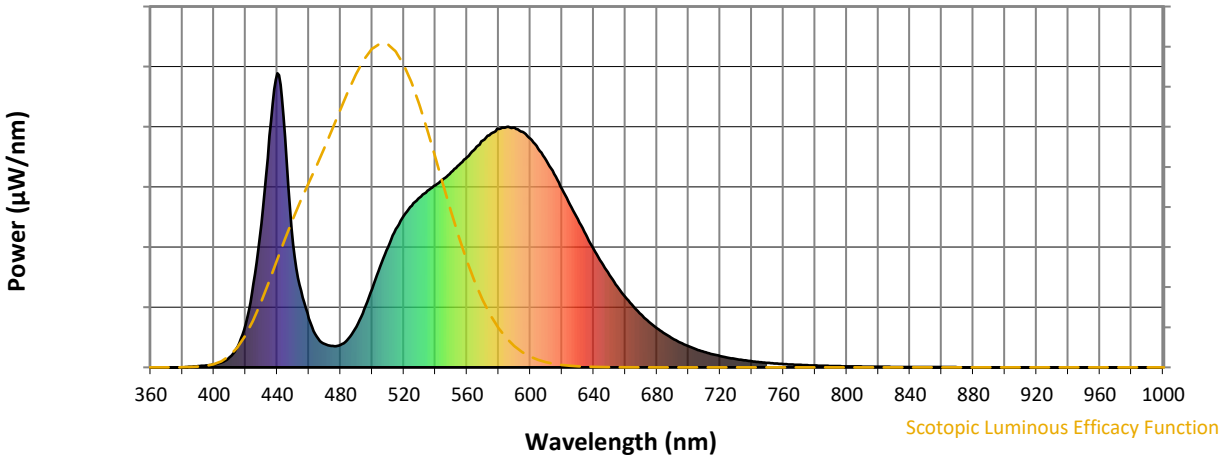


Photopic Lumens: NR

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

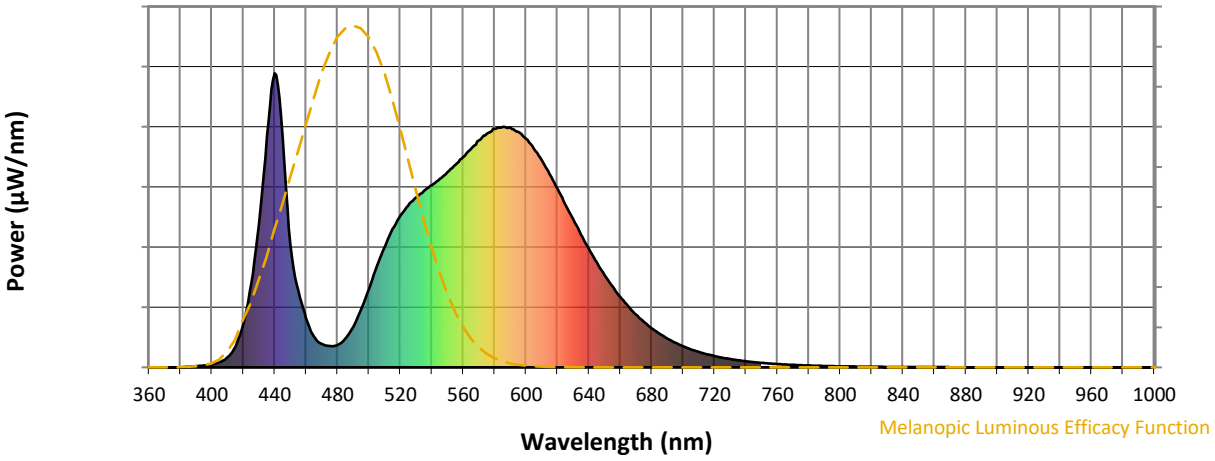


Scotopic Lumens: NR **S/P: 1.47**

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			

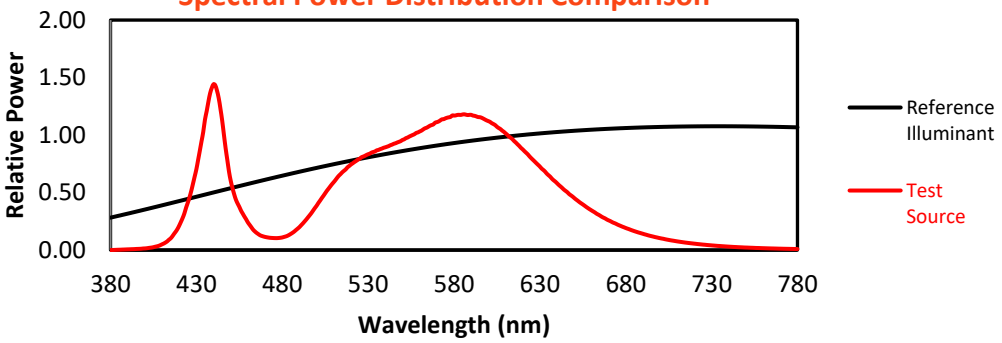
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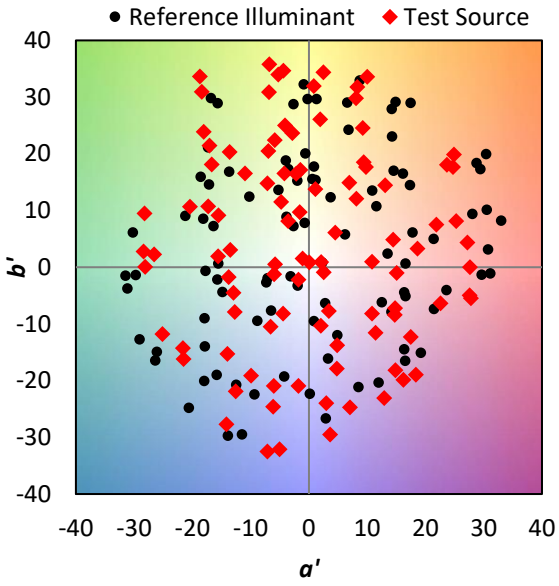
Summary

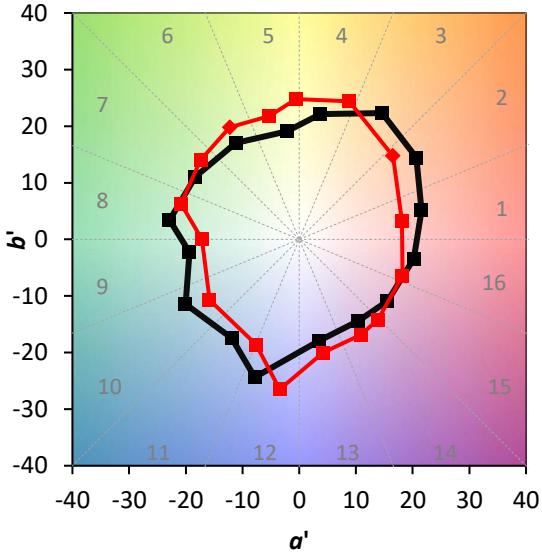
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

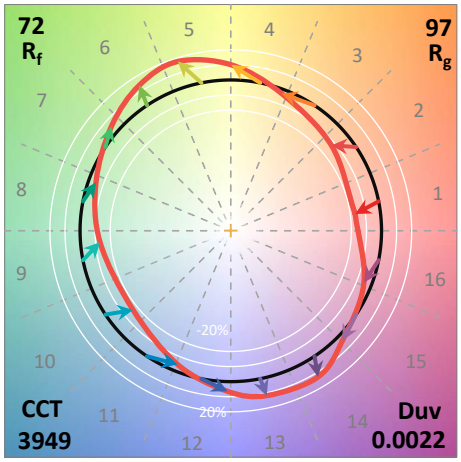
Spectral Power Distribution Comparison

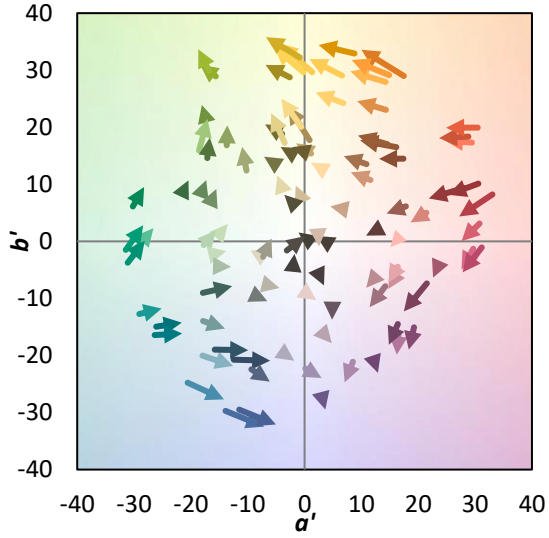


Color Vector Graphics







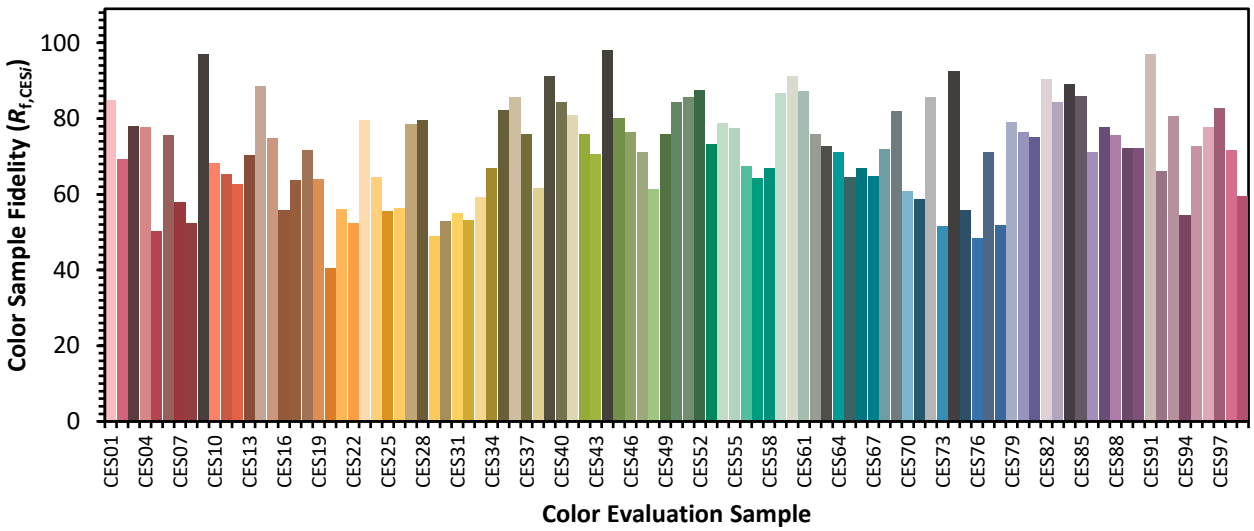


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Individual Sample Fidelity Index ($R_{f,i}$)

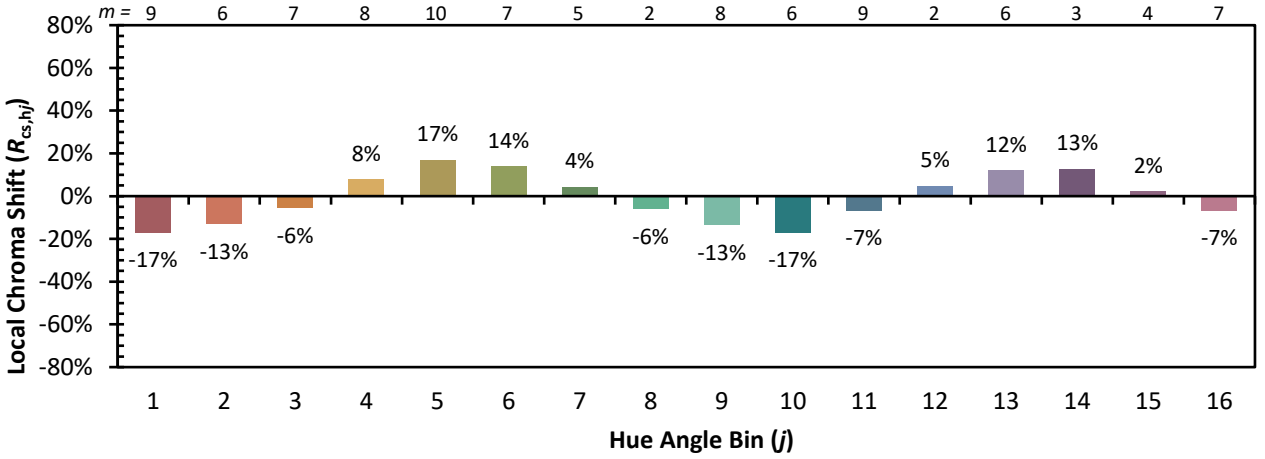
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

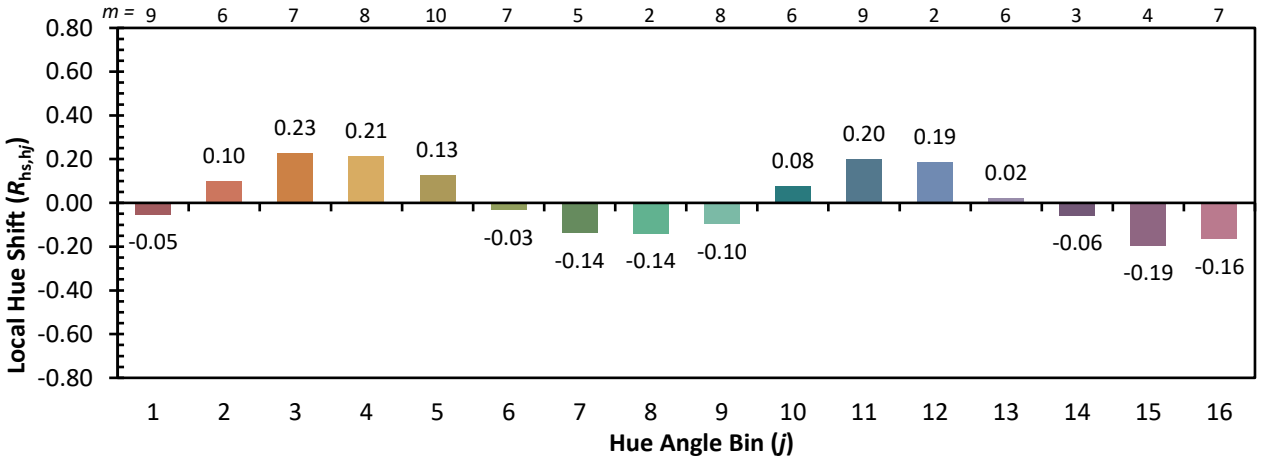


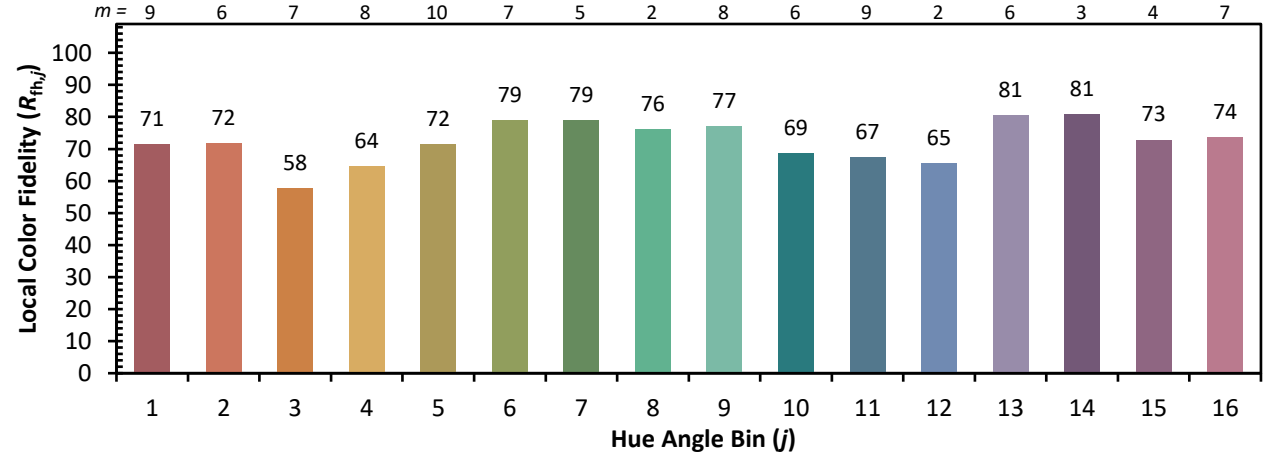
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Color Rendition by Hue-Angle Bin



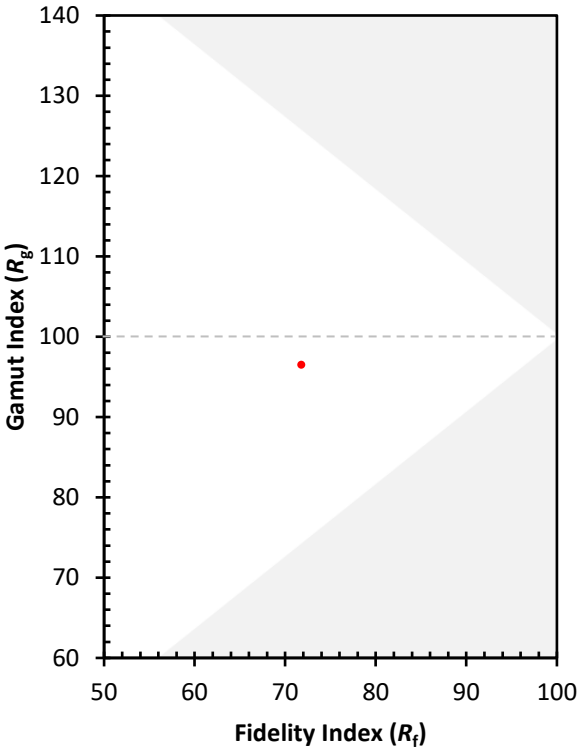


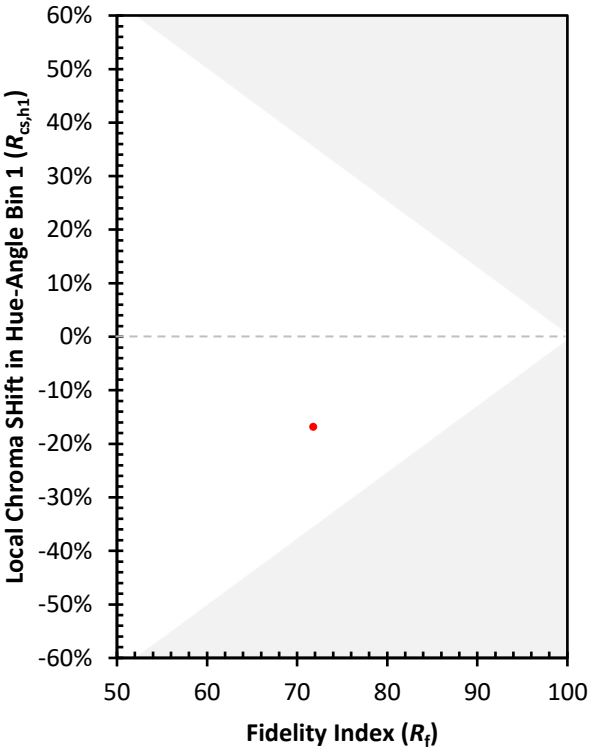


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Measure Comparisons





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