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: STREETWORKS

Report Number: P1456128

Luminaire Tested: GLAN-SB4B-840-U-T2LG

Issue Date: 05/20/2026

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:	P1456128
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20880.9 lumens
Efficiency:	N/A
Efficacy:	142.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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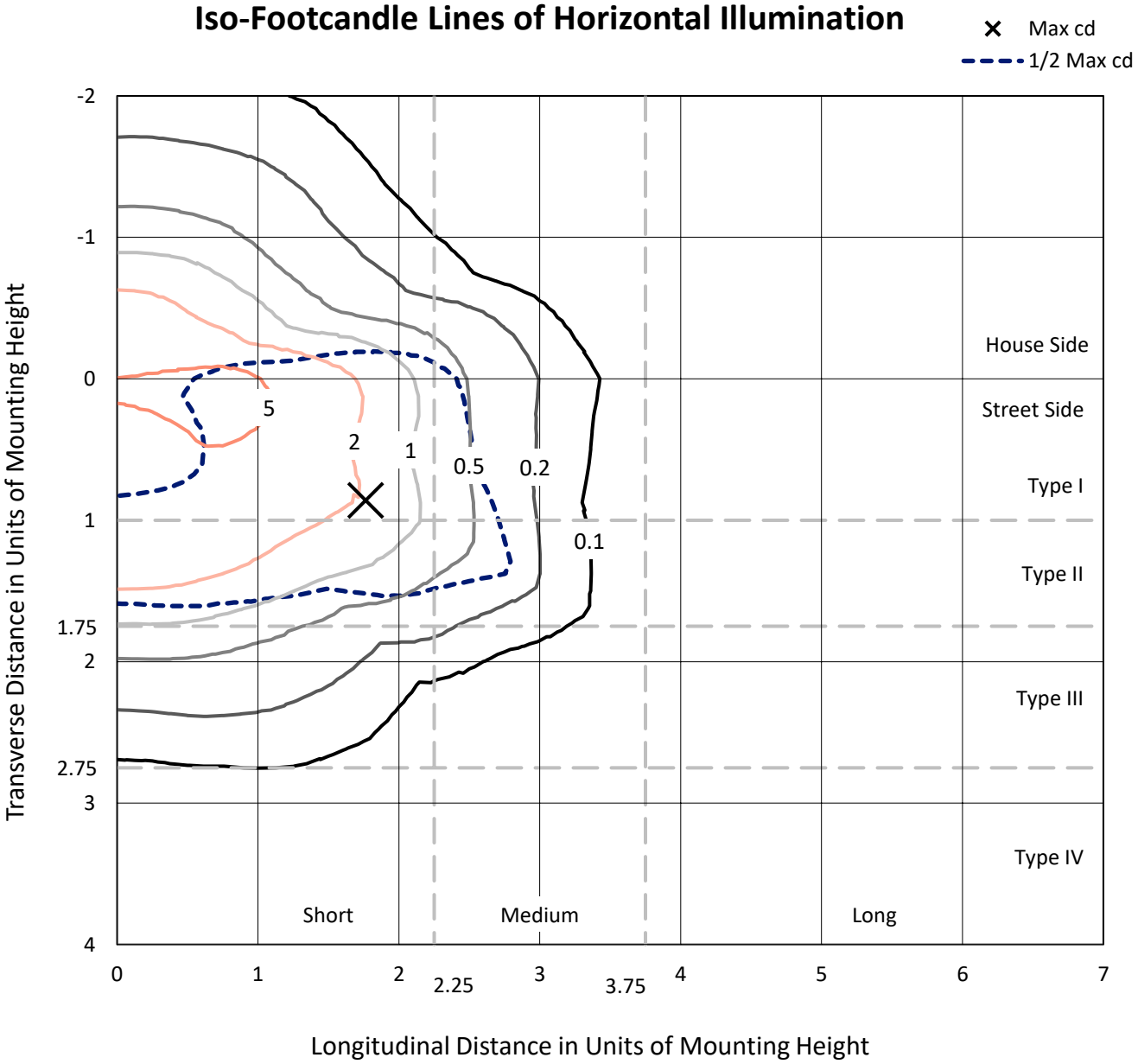
REPORT NUMBER: P1456128
CATALOG NUMBER: GLAN-SB4B-840-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.8 fc
Type II - Short - N/A

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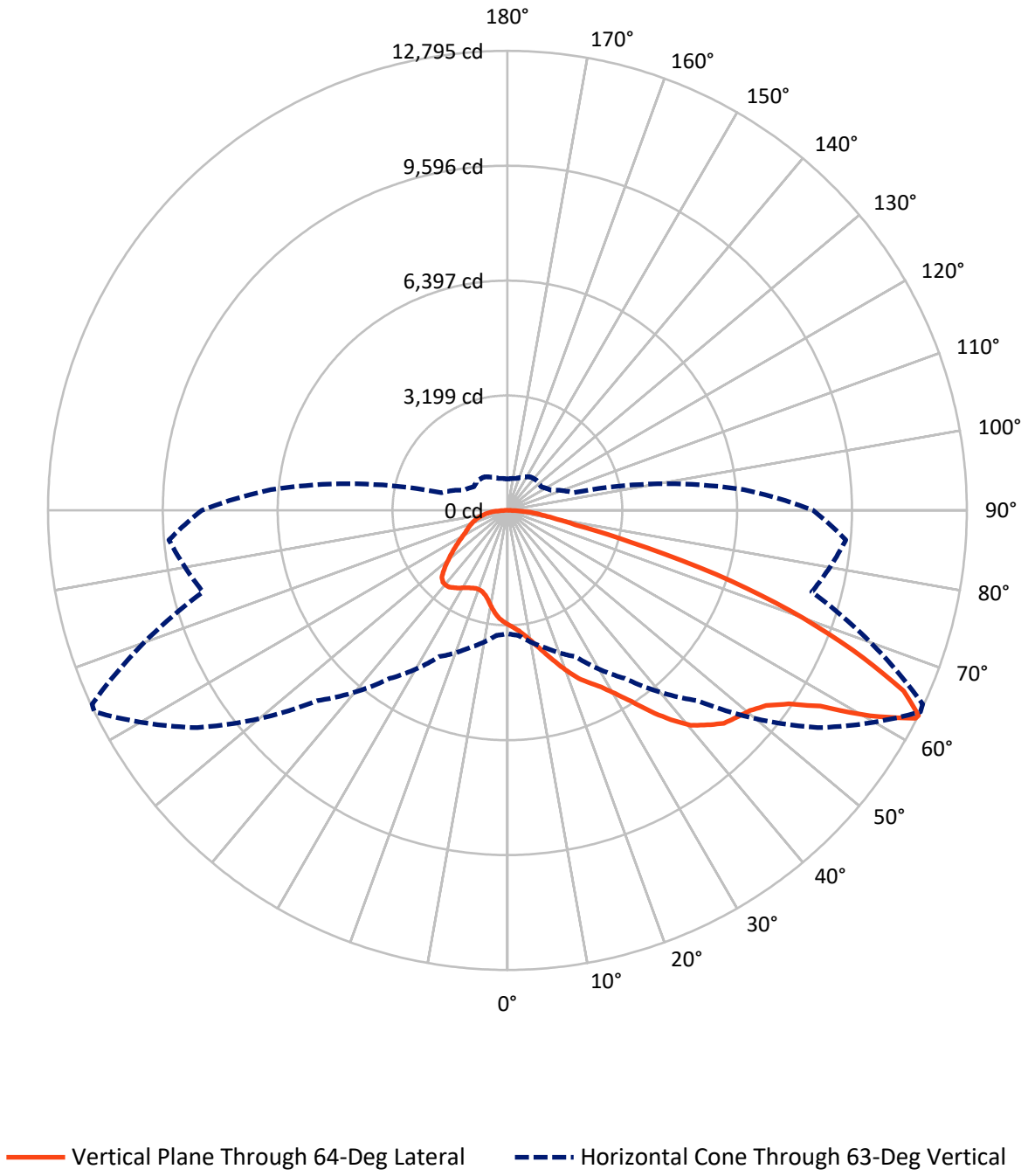
Luminous Intensity Polar Plot



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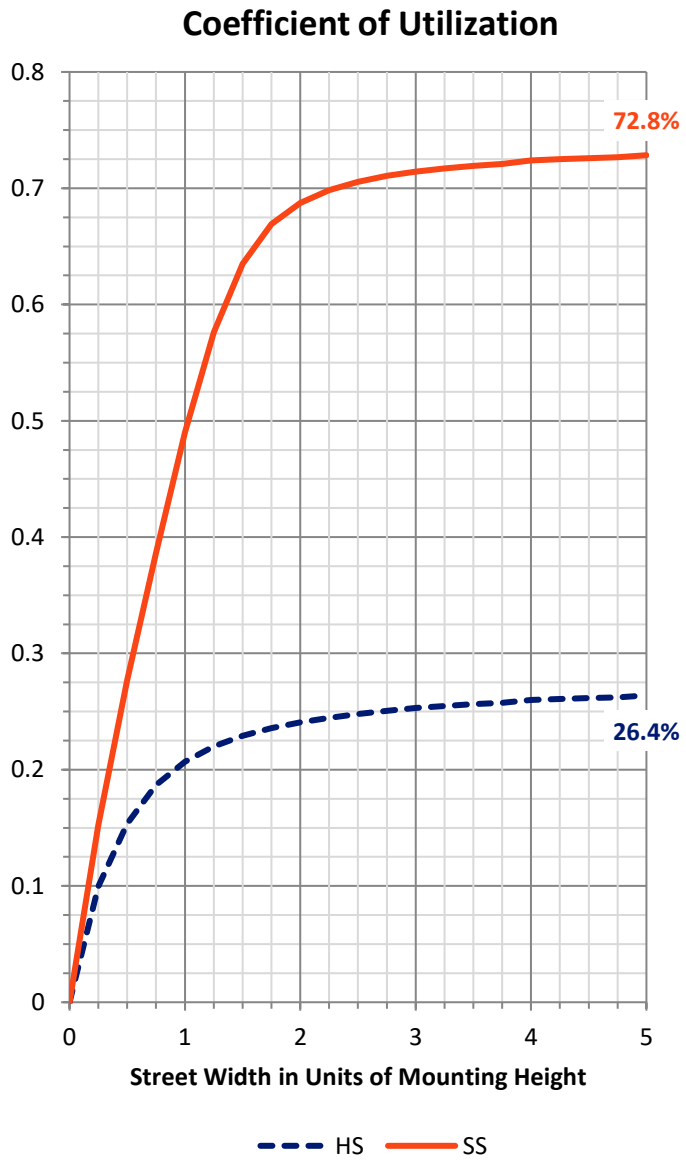
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5610.1	0.0	5610.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	15270.8	0.0	15270.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	20880.9	0.0	20880.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.0	1.4
10°-20°	898.8	4.3
20°-30°	1643.6	7.9
30°-40°	2827.3	13.5
40°-50°	4169.5	20.0
50°-60°	4997.4	23.9
60°-70°	4010.9	19.2
70°-80°	1611.7	7.7
80°-90°	429.8	2.1
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°	20880.9	100.0
0°-180°	20880.9	100.0



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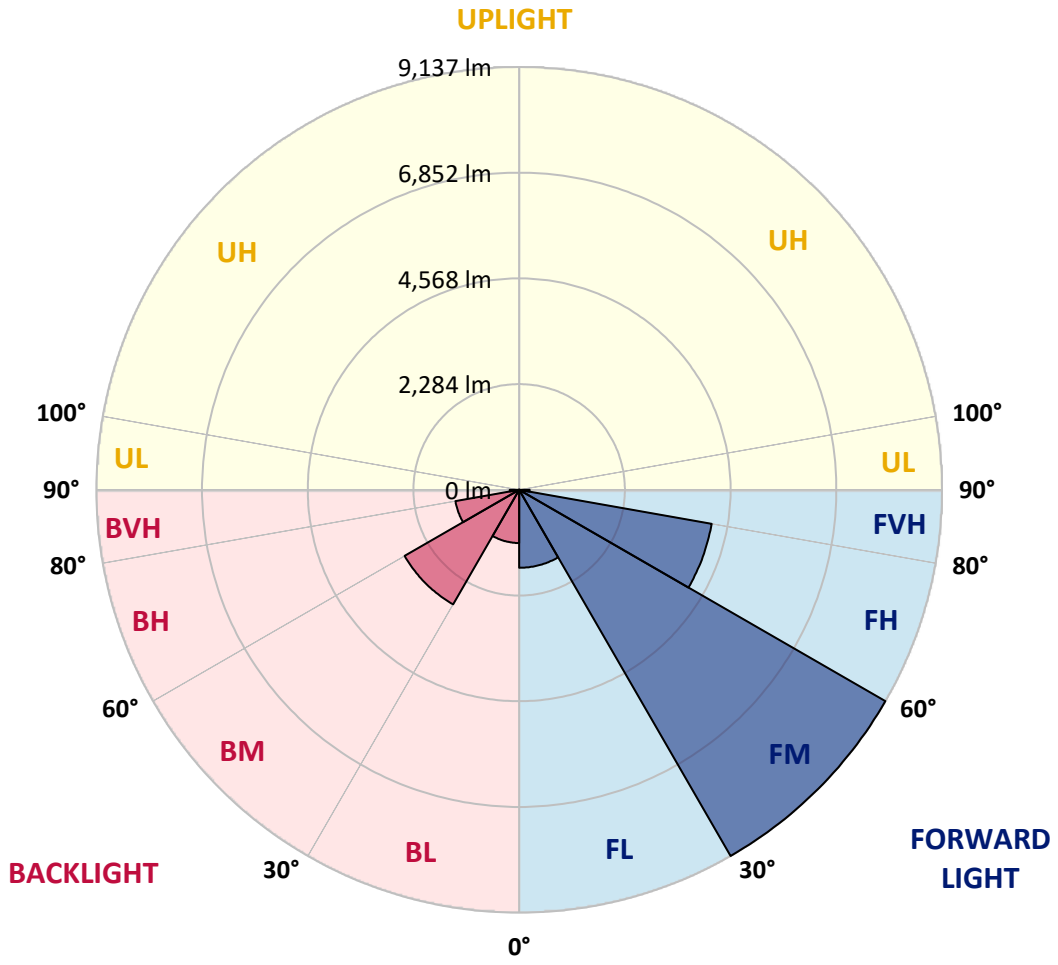
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1684.7	8.1			
FM	(30°-60°)	9136.5	43.8			
FH	(60°-80°)	4223.8	20.2			G2/5000
FVH	(80°-90°)	225.8	1.1			G3/500
BL	(0°-30°)	1149.7	5.5	B3/2500		
BM	(30°-60°)	2857.7	13.7	B3/5000		
BH	(60°-80°)	1398.8	6.7	B3/2500		G3/2500
BVH	(80°-90°)	204.0	1.0			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 II Short



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REPORT NUMBER: P1456128
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	*3179.9*	3179.9	3179.9	3179.9
2.5°	3311.3	3315.9	3301.9	3297.2	3306.6	3287.8	3283.1	*3264.4*	3255.0	3236.2	3212.8
5°	3405.1	3409.7	3400.4	3400.4	3409.7	3395.7	3391.0	*3372.2*	3362.8	3344.1	3297.2
7.5°	3400.4	3405.1	3414.4	3452.0	3498.9	3517.6	3531.7	*3517.6*	3512.9	3484.8	3437.9
10°	3325.3	3330.0	3353.5	3409.7	3527.0	3611.4	3700.5	*3700.5*	3709.9	3686.5	3602.0
12.5°	3222.1	3226.8	3283.1	3372.2	3527.0	3672.4	3855.3	*3930.4*	3925.7	3911.6	3813.1
15°	2973.6	2973.6	3058.0	3226.8	3475.4	3714.6	3986.6	*4188.3*	4193.0	4207.1	4089.8
17.5°	2762.5	2767.2	2837.5	2987.6	3311.3	3691.2	4127.3	*4474.4*	4488.5	4568.2	4399.4
20°	2781.3	2781.3	2804.7	2870.4	3133.0	3597.4	4207.1	*4779.3*	4826.2	5013.8	4802.7
22.5°	2926.7	2926.7	2945.4	2940.7	3100.2	3536.4	4258.7	*5084.1*	5168.6	5557.8	5285.8
25°	3194.0	3189.3	3170.6	3142.4	3236.2	3602.0	4375.9	*5318.6*	5482.8	6158.2	5843.9
27.5°	3522.3	3512.9	3484.8	3437.9	3503.6	3799.0	4577.6	*5567.2*	5745.4	6814.8	6434.9
30°	3930.4	3902.2	3874.1	3813.1	3883.5	4122.7	4877.8	*5919.0*	6087.8	7560.5	7147.8
32.5°	4413.4	4446.3	4352.5	4268.0	4343.1	4563.5	5323.3	*6336.4*	6519.3	8339.1	7888.9
35°	5135.7	5234.2	5206.1	4779.3	4849.6	5093.5	5843.9	*6875.8*	7039.9	9047.3	8648.7
37.5°	5848.6	5825.2	5848.6	5492.2	5379.6	5675.1	6402.1	*7391.7*	7551.2	9624.2	9319.4
40°	6420.8	6491.2	6491.2	6200.4	6055.0	6252.0	6908.6	*7865.4*	8020.2	9943.1	9802.4
42.5°	7044.6	7054.0	7035.2	6782.0	6725.7	6777.3	7354.2	*8165.6*	8292.2	10107.3	10130.8
45°	7748.1	7743.5	7663.7	7452.7	7368.2	7321.3	7630.9	*8456.4*	8583.0	10182.3	10309.0
47.5°	8329.7	8353.2	8357.9	8132.7	7992.0	7790.4	7870.1	*8601.8*	8747.2	10097.9	10346.5
50°	8362.6	8400.1	8578.3	8644.0	8615.8	8292.2	8090.5	*8756.5*	8901.9	10116.7	10482.5
52.5°	8156.2	8193.7	8423.5	8695.6	9023.9	8869.1	8437.6	*9023.9*	9174.0	10299.6	10792.1
55°	7602.8	7663.7	8006.1	8386.0	8972.3	9192.7	9052.0	*9507.0*	9647.7	10445.0	11153.2
57.5°	6617.8	6692.9	7166.6	7771.6	8573.6	9117.7	9943.1	*10280.8*	10398.1	10548.2	11157.9
60°	4948.1	5009.1	5750.1	6566.2	7771.6	8648.7	10473.1	*11608.2*	11673.8	9990.0	10524.7
62.5°	3644.3	3705.2	4202.4	4788.7	6106.6	7785.7	10576.3	*12757.2*	12766.6	8981.7	9652.4
63°	*3433.2*	*3494.2*	*3944.4*	*4493.2*	*5712.6*	*7494.9*	*10543.5*	*12794.8*	*12761.9*	*8775.3*	*9460.1*
65°	2673.4	2781.3	3250.3	3667.7	4282.1	5965.9	10121.4	*12128.8*	12175.7	8165.6	8493.9
67.5°	1819.8	1899.5	2495.2	2978.3	3236.2	3799.0	8301.6	*10379.3*	10454.4	7532.4	6777.3
70°	1407.0	1444.6	1791.6	2359.2	2617.1	2415.4	5412.4	*8357.9*	8357.9	5881.5	4802.7
72.5°	1102.2	1116.3	1350.8	1843.2	2105.9	1857.3	3015.8	*6078.5*	5853.3	3489.5	3203.4
75°	787.9	806.7	1017.8	1374.2	1679.1	1463.3	1927.7	*3541.1*	3405.1	2007.4	2138.7
77.5°	623.8	633.2	759.8	1013.1	1360.1	1116.3	1468.0	*1932.3*	1913.6	1411.7	1374.2
80°	492.5	511.2	595.7	727.0	1050.6	872.4	1092.8	*1275.7*	1238.2	970.9	881.8
82.5°	351.8	384.6	459.6	553.4	778.6	623.8	717.6	*900.5*	900.5	731.7	581.6
85°	215.7	243.9	272.0	342.4	553.4	403.4	379.9	*581.6*	595.7	548.7	375.2
87.5°	103.2	112.6	131.3	145.4	201.7	182.9	150.1	*220.4*	225.1	243.9	154.8
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: P1456128
CATALOG NUMBER: GLAN-SB4B-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9	3179.9
2.5°	3208.1	3198.7	3151.8	3104.9	3053.3	3006.4	2959.5	2922.0	2879.8	2889.1	2893.8
5°	3269.0	3245.6	3142.4	3020.5	2861.0	2710.9	2565.5	2462.3	2396.7	2377.9	2340.4
7.5°	3400.4	3344.1	3156.5	2898.5	2603.0	2368.5	2232.5	2171.5	2152.8	2157.5	2148.1
10°	3550.5	3466.0	3175.2	2753.1	2377.9	2218.4	2199.7	2237.2	2256.0	2274.7	2279.4
12.5°	3747.4	3611.4	3165.9	2593.7	2270.0	2241.9	2312.3	2382.6	2424.8	2453.0	2448.3
15°	3977.3	3794.3	3137.7	2462.3	2256.0	2331.0	2420.1	2499.9	2551.4	2579.6	2565.5
17.5°	4254.0	4010.1	3104.9	2377.9	2298.2	2387.3	2481.1	2560.8	2617.1	2635.9	2621.8
20°	4596.4	4254.0	3048.6	2340.4	2331.0	2410.7	2495.2	2570.2	2617.1	2635.9	2617.1
22.5°	4999.7	4544.8	3001.7	2340.4	2345.1	2410.7	2471.7	2528.0	2570.2	2584.3	2560.8
25°	5515.6	4882.5	2982.9	2377.9	2349.8	2387.3	2420.1	2453.0	2476.4	2485.8	2476.4
27.5°	6040.9	5271.7	2992.3	2424.8	2345.1	2354.5	2354.5	2359.2	2363.8	2368.5	2363.8
30°	6646.0	5665.7	3029.8	2485.8	2354.5	2307.6	2293.5	2265.3	2241.9	2223.1	2204.4
32.5°	7232.2	6040.9	3095.5	2574.9	2345.1	2256.0	2227.8	2157.5	2091.8	2035.5	2035.5
35°	7865.4	6430.2	3212.8	2640.6	2335.7	2209.1	2129.3	2049.6	1979.2	1899.5	1899.5
37.5°	8409.5	6763.2	3306.6	2715.6	2326.3	2152.8	2026.2	1937.0	1862.0	1782.3	1772.9
40°	8789.4	6955.5	3362.8	2743.7	2293.5	2077.7	1927.7	1815.1	1707.2	1599.3	1594.7
42.5°	8972.3	6946.1	3330.0	2734.4	2232.5	1983.9	1843.2	1693.1	1547.8	1449.3	1439.9
45°	9070.8	6885.2	3203.4	2654.6	2134.0	1885.4	1735.4	1575.9	1430.5	1341.4	1322.6
47.5°	9052.0	6735.1	3029.8	2457.6	2002.7	1777.6	1627.5	1463.3	1346.1	1294.5	1294.5
50°	9103.6	6617.8	2832.9	2232.5	1824.5	1650.9	1529.0	1378.9	1308.6	1242.9	1219.4
52.5°	9333.4	6716.3	2664.0	2021.5	1655.6	1529.0	1444.6	1317.9	1228.8	1186.6	1172.5
55°	9638.3	6927.4	2504.5	1833.9	1491.5	1421.1	1378.9	1261.7	1158.5	1116.3	1092.8
57.5°	9694.6	7072.8	2349.8	1650.9	1355.5	1336.7	1322.6	1163.2	1078.7	1045.9	1027.1
60°	9305.3	6964.9	2148.1	1486.8	1247.6	1257.0	1219.4	1102.2	1003.7	970.9	952.1
62.5°	8644.0	6683.5	1946.4	1346.1	1163.2	1181.9	1144.4	1027.1	928.7	895.8	886.4
63°	*8512.6*	*6608.4*	*1899.5*	*1332.0*	*1144.4*	*1167.9*	*1135.0*	*1017.8*	*919.3*	*886.4*	*872.4*
65°	7729.4	6158.2	1735.4	1257.0	1083.4	1083.4	1088.1	970.9	886.4	872.4	863.0
67.5°	6303.6	5140.4	1557.1	1167.9	1017.8	1031.8	1055.3	989.6	956.8	947.4	938.0
70°	4765.2	3869.4	1402.4	1083.4	947.4	994.3	1153.8	1125.6	1003.7	919.3	900.5
72.5°	3376.9	2635.9	1266.3	999.0	863.0	980.2	1196.0	1074.0	905.2	806.7	787.9
75°	2260.7	1697.8	1130.3	909.9	769.2	905.2	1130.3	980.2	787.9	764.5	736.4
77.5°	1421.1	1210.1	994.3	806.7	666.0	806.7	1027.1	872.4	680.1	689.5	647.2
80°	867.7	863.0	834.8	684.8	534.7	642.6	863.0	736.4	544.1	544.1	483.1
82.5°	515.9	623.8	708.2	567.5	389.3	459.6	623.8	553.4	454.9	440.9	412.7
85°	347.1	422.1	562.8	436.2	248.6	281.4	431.5	464.3	417.4	365.8	342.4
87.5°	126.6	168.8	258.0	178.2	107.9	168.8	323.6	337.7	253.3	197.0	178.2
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

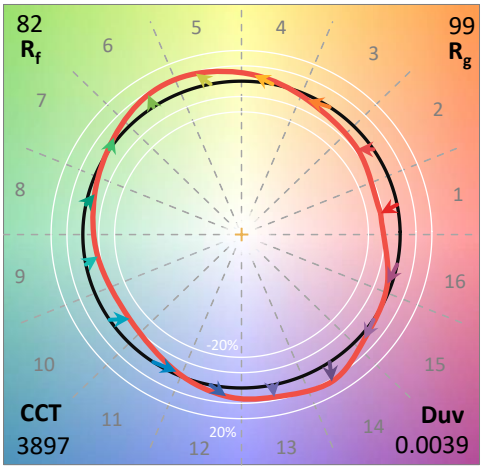
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

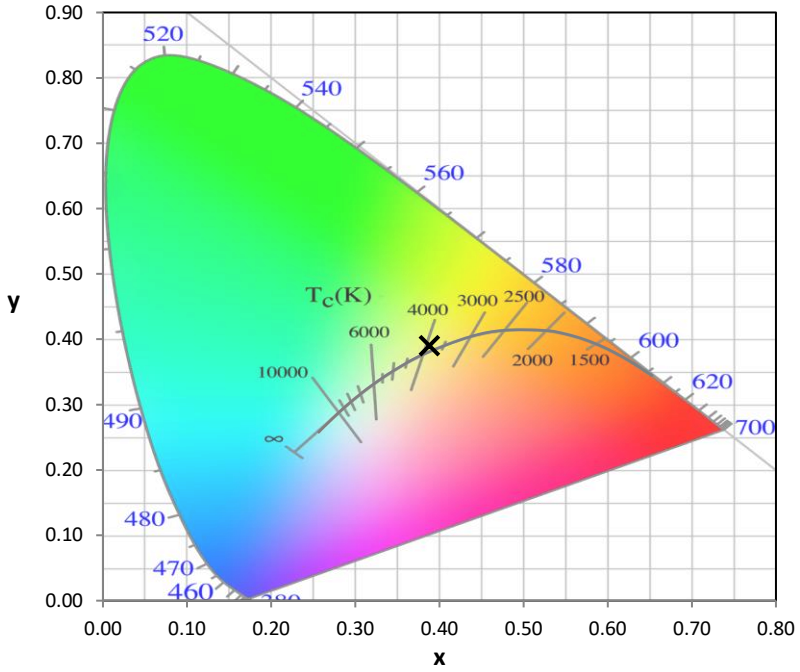
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

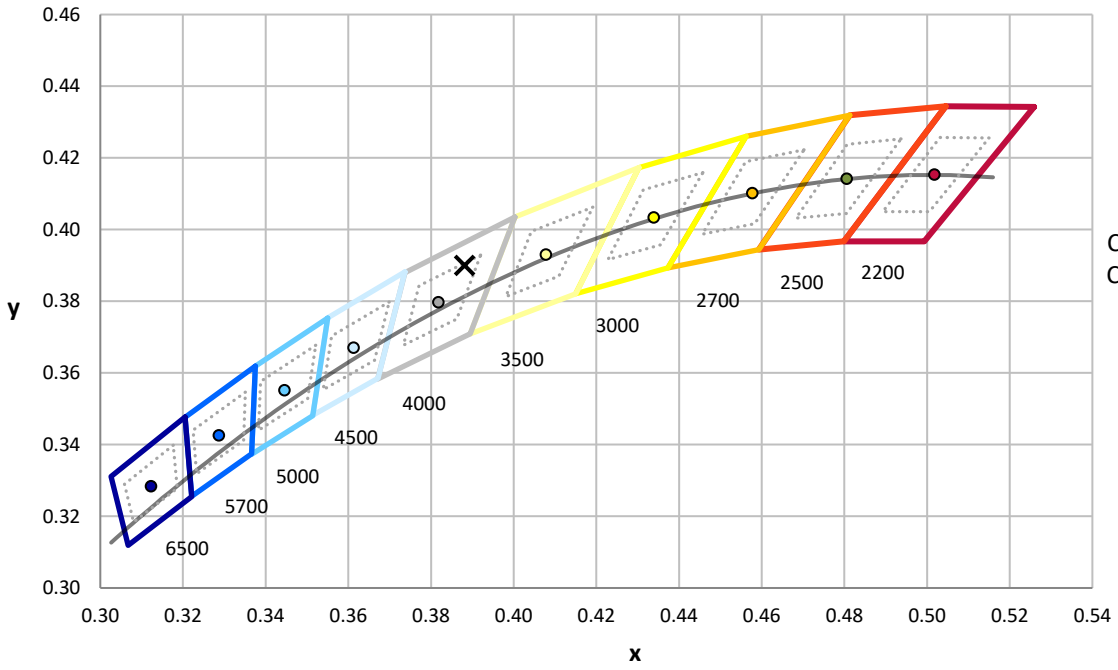
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

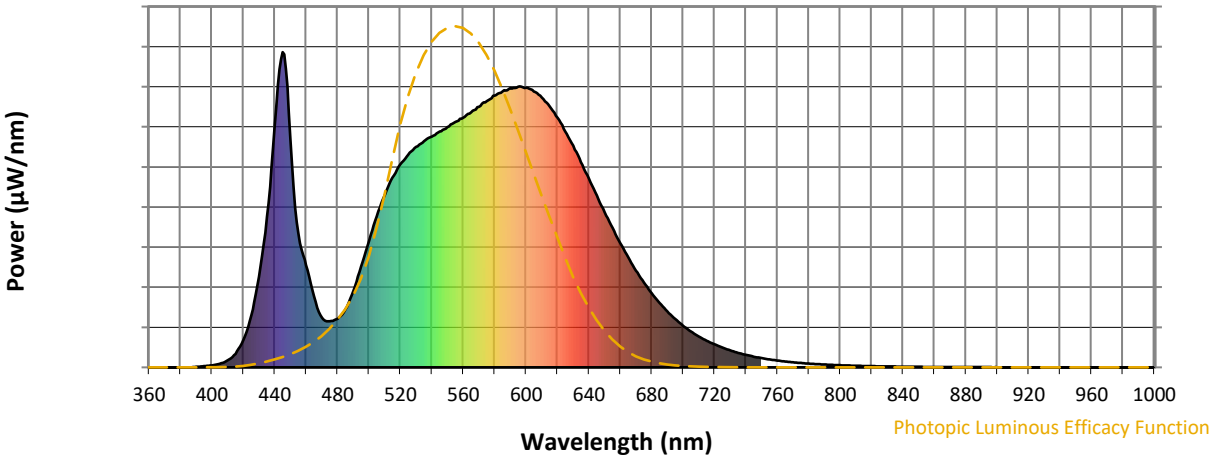


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

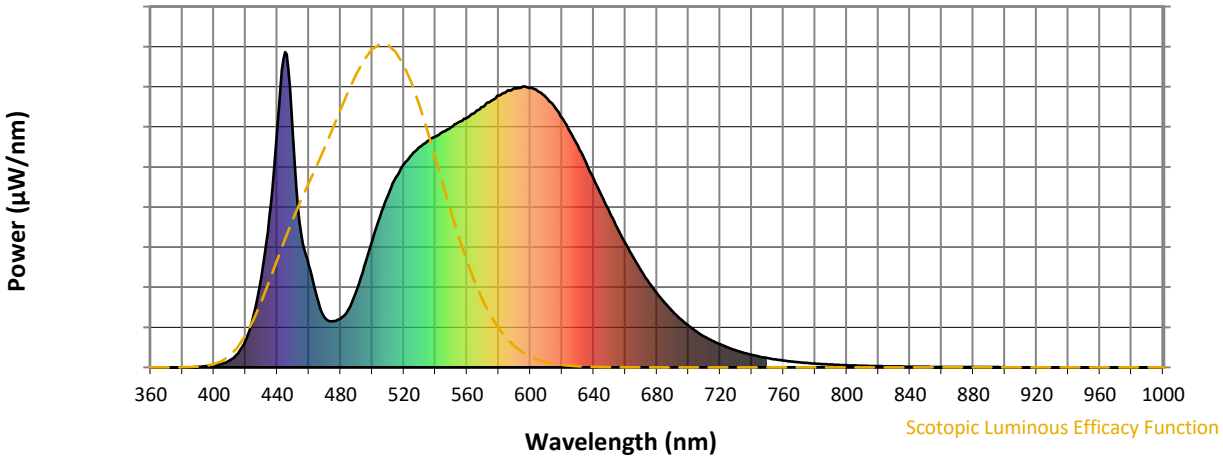


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

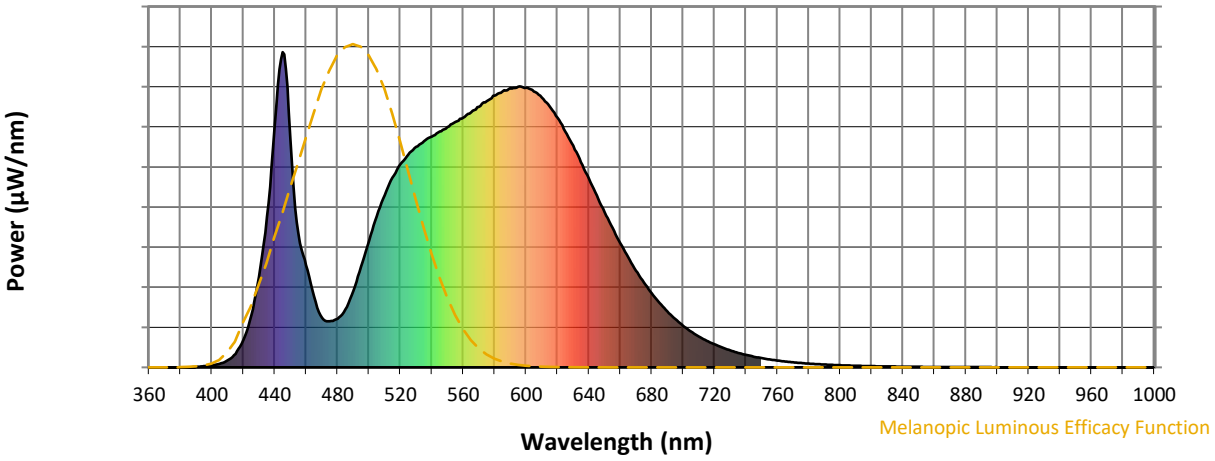


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

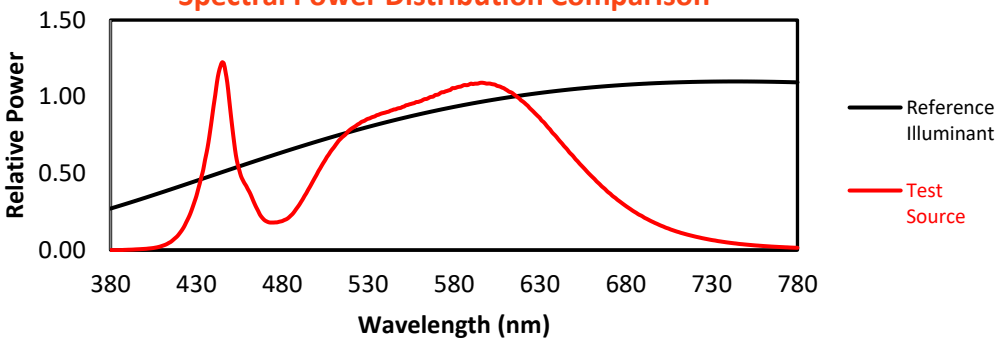
REPORT NUMBER: SP1-2407-184-11

TM-30-18

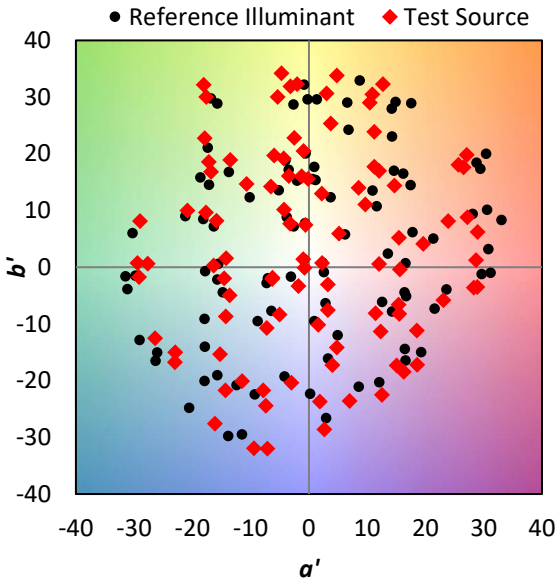
Summary

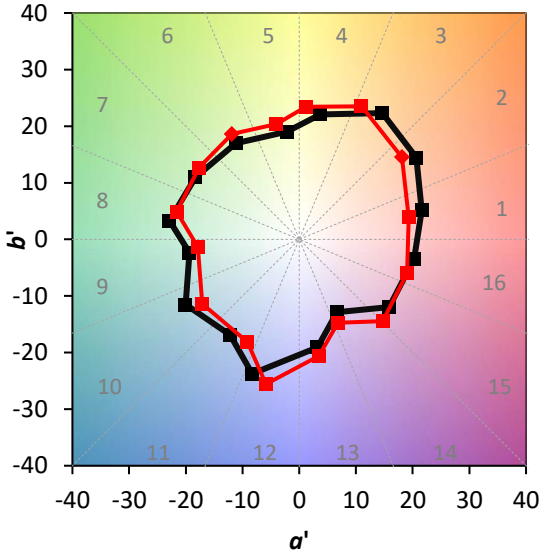
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

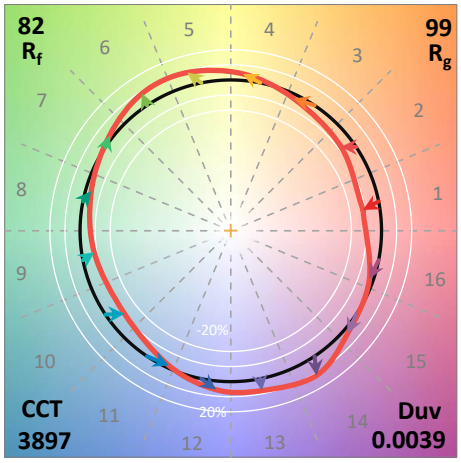
Spectral Power Distribution Comparison

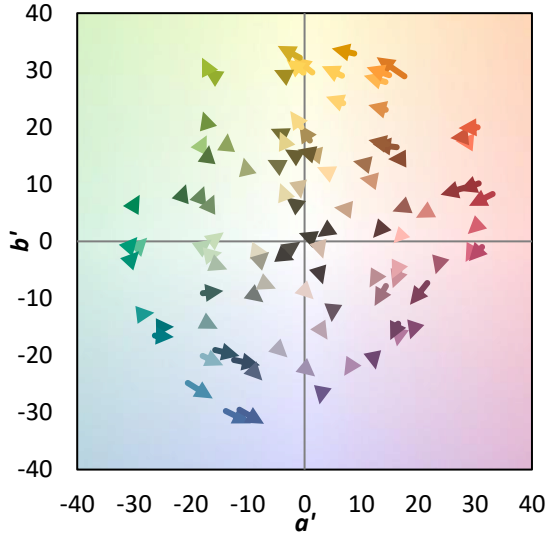


Color Vector Graphics







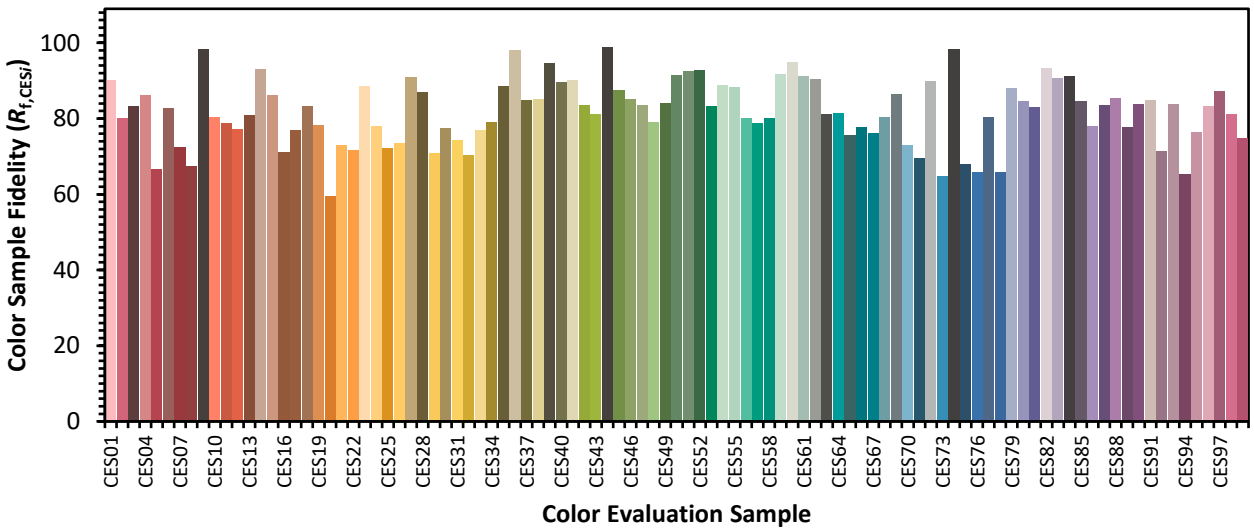


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

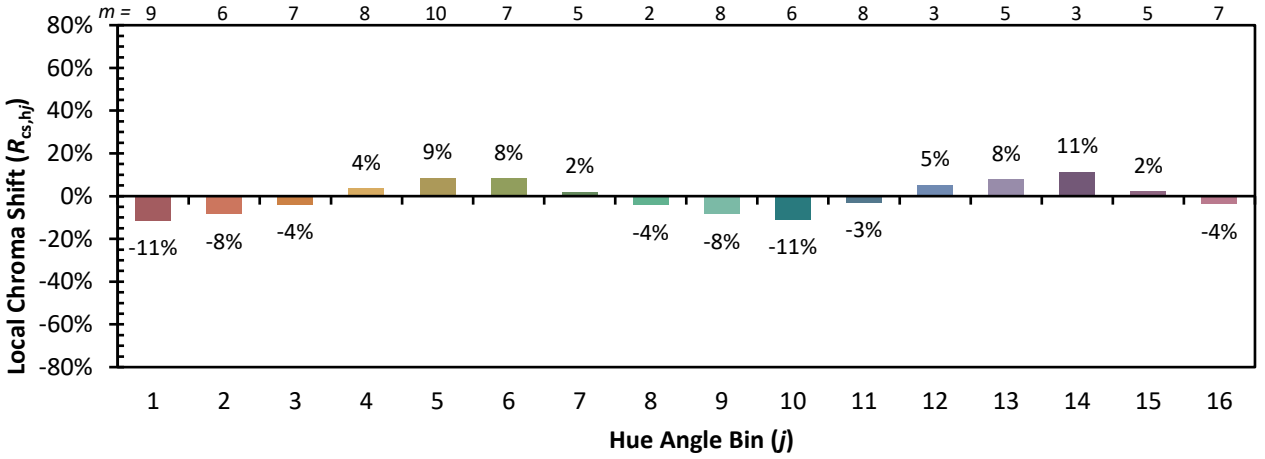
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

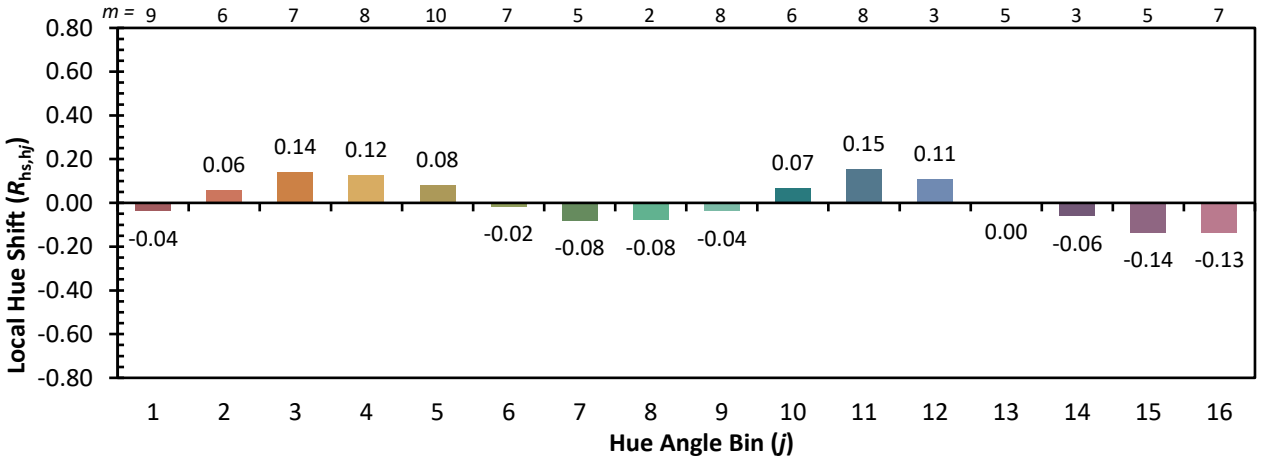


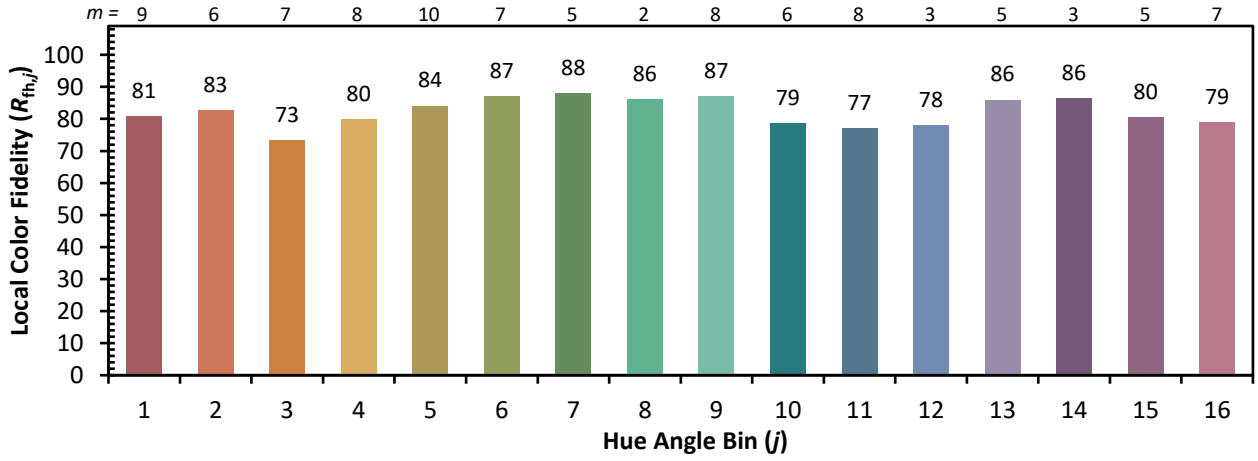
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



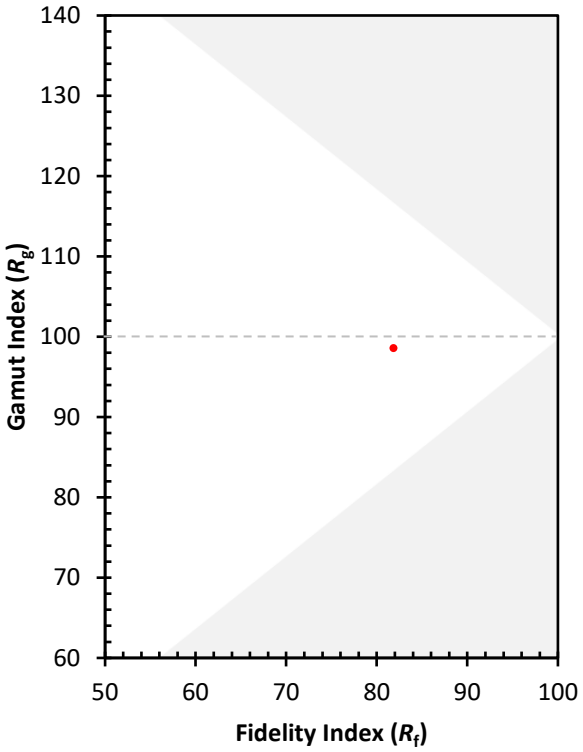


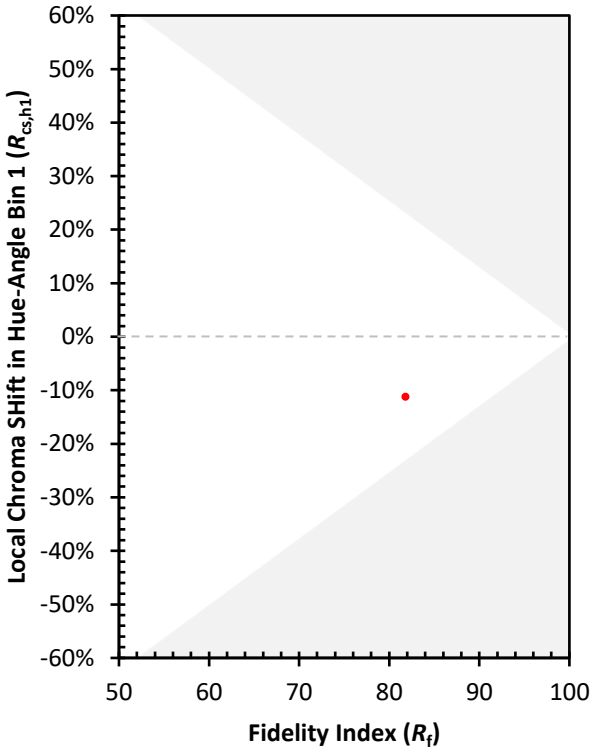


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





(END OF REPORT)