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: P1457284

Luminaire Tested: GLAN-SB5B-840-U-T4LG

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:	P1457284
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5B-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26624.3 lumens
Efficiency:	N/A
Efficacy:	145.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	182.7
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: P1457284
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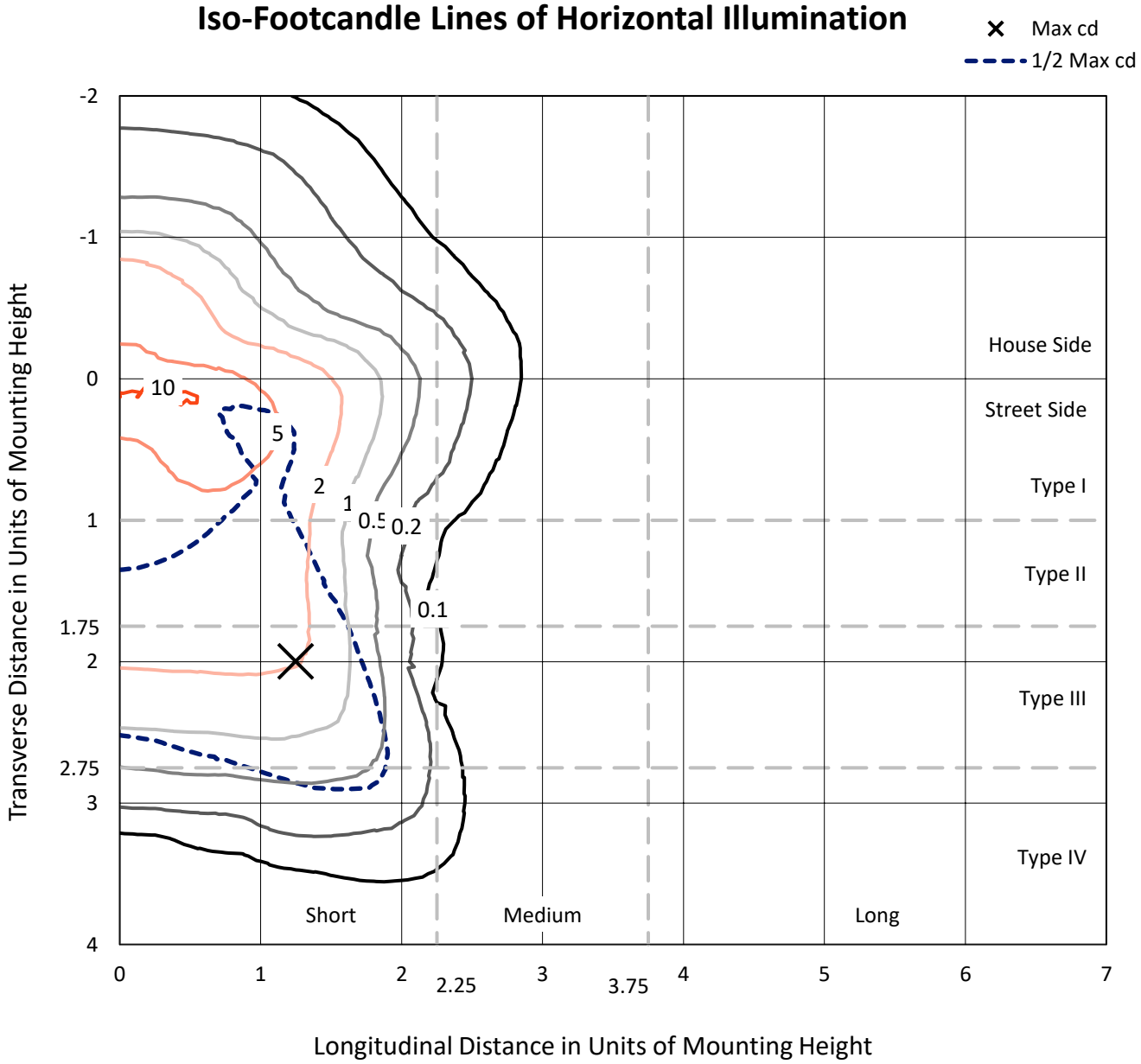
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
Type IV - Short - N/A

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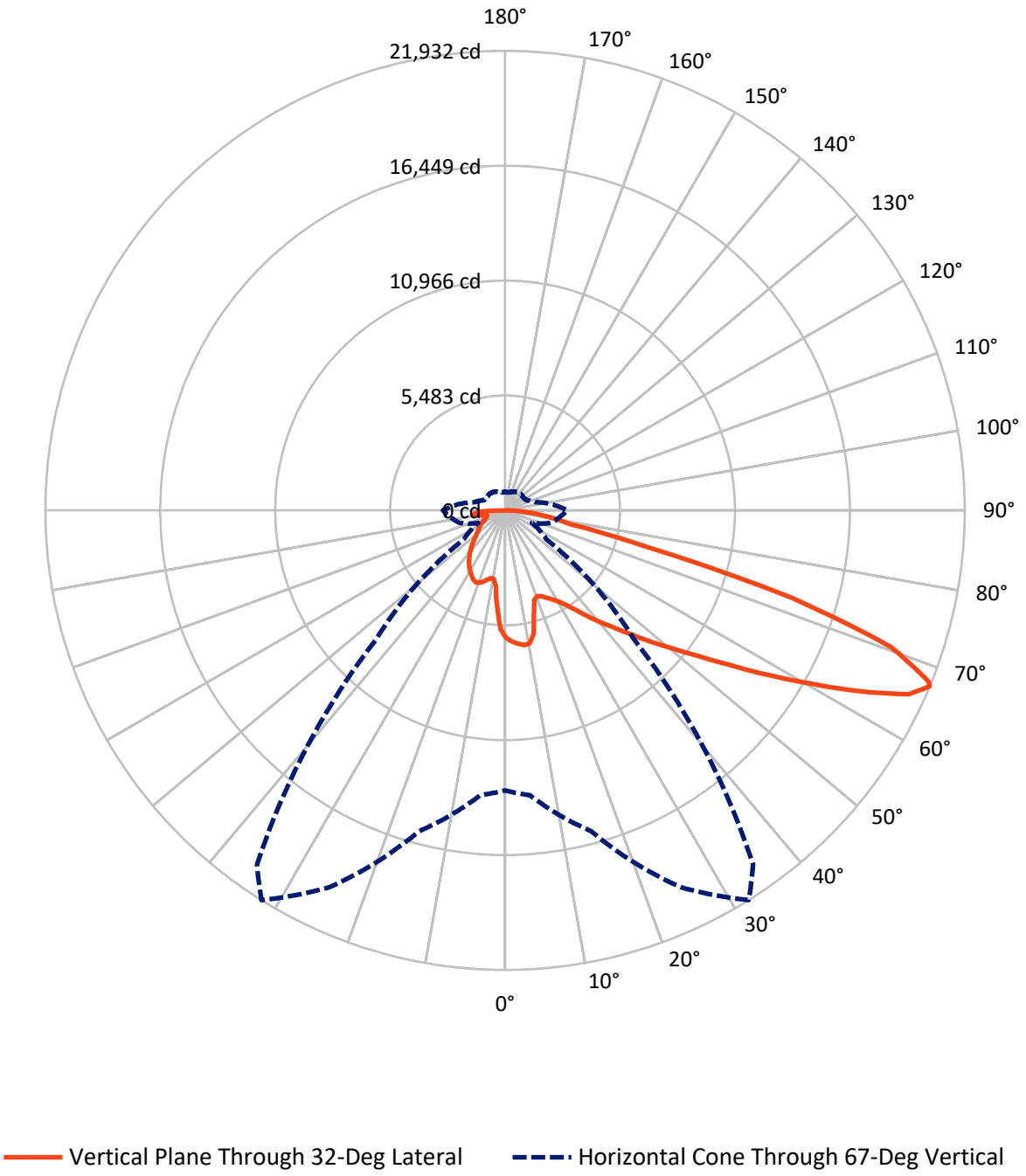
Luminous Intensity Polar Plot



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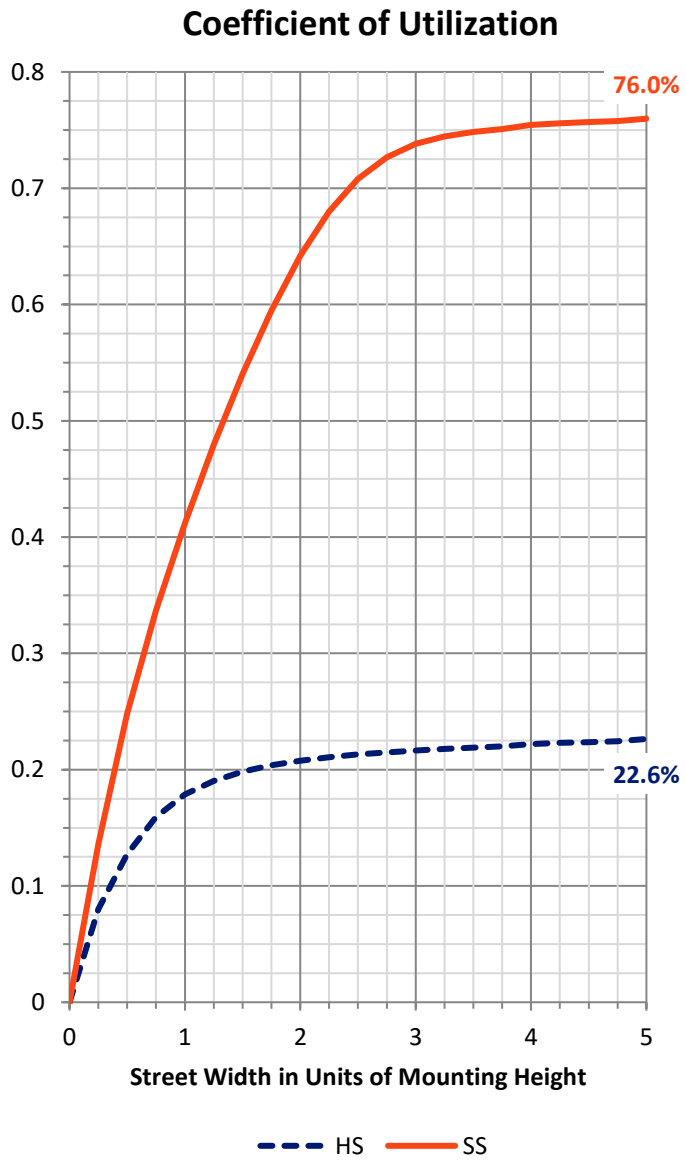
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6303.2	0.0	6303.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	20321.1	0.0	20321.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	26624.3	0.0	26624.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	531.5	2.0
10°-20°	1411.2	5.3
20°-30°	2304.6	8.7
30°-40°	3396.7	12.8
40°-50°	4684.3	17.6
50°-60°	5917.7	22.2
60°-70°	5727.2	21.5
70°-80°	2044.0	7.7
80°-90°	607.0	2.3
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°	26624.3	100.0
0°-180°	26624.3	100.0



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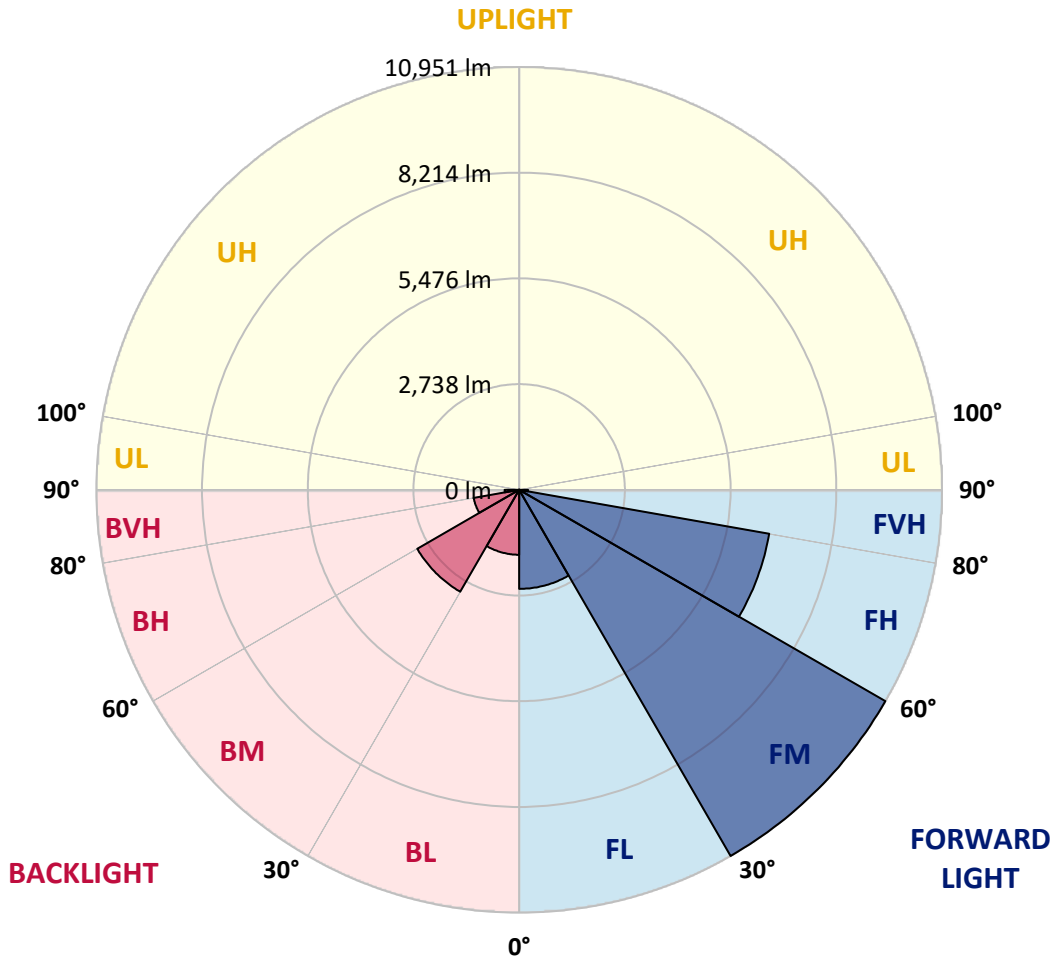
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2565.3	9.6			
FM	(30°-60°)	10951.4	41.1			
FH	(60°-80°)	6575.6	24.7			G3/7500
FVH	(80°-90°)	228.7	0.9			G3/500
BL	(0°-30°)	1682.0	6.3	B3/2500		
BM	(30°-60°)	3047.3	11.4	B3/5000		
BH	(60°-80°)	1195.6	4.5	B3/2500		G3/2500
BVH	(80°-90°)	378.3	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	6083.1	6083.1	6083.1	6083.1	*6083.1*	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1
2.5°	6313.7	6295.9	6278.2	6290.0	*6266.4*	6260.5	6230.9	6219.1	6183.6	6177.7	6112.7
5°	6443.7	6408.3	6402.3	6414.2	*6390.5*	6390.5	6366.9	6349.1	6295.9	6266.4	6171.8
7.5°	6443.7	6437.8	6449.6	6491.0	*6496.9*	6496.9	6496.9	6502.8	6449.6	6408.3	6260.5
10°	6077.2	6018.1	6148.1	6355.1	*6455.5*	6514.7	6621.1	6686.1	6644.7	6615.2	6414.2
12.5°	4983.5	4989.5	5196.4	5639.7	*6041.7*	6213.2	6656.5	6893.0	6910.7	6863.5	6609.3
15°	4226.8	4256.4	4362.8	4682.0	*5143.2*	5397.4	6449.6	7076.3	7218.2	7170.9	6845.7
17.5°	3996.3	4014.0	4061.3	4244.6	*4504.7*	4711.6	5888.0	7194.5	7590.6	7531.5	7111.7
20°	3960.8	3972.6	4031.8	4185.5	*4362.8*	4481.0	5314.6	7099.9	7939.4	7915.7	7354.1
22.5°	3966.7	3978.6	4055.4	4268.2	*4451.5*	4552.0	5131.3	6881.2	8305.9	8329.6	7602.4
25°	3978.6	3984.5	4102.7	4386.5	*4617.0*	4741.2	5249.6	6686.1	8613.3	8814.3	7874.4
27.5°	4043.6	4061.3	4220.9	4540.2	*4812.1*	4954.0	5527.4	6751.1	8950.3	9364.1	8199.5
30°	4220.9	4232.8	4427.8	4758.9	*5054.5*	5202.3	5858.5	7011.2	9364.1	9931.6	8518.7
32.5°	4498.8	4510.6	4735.3	5078.1	*5397.4*	5574.7	6290.0	7507.8	9825.2	10528.7	8838.0
35°	4883.0	4889.0	5143.2	5509.7	*5846.6*	6047.6	6792.5	8069.4	10304.0	11037.1	9074.4
37.5°	5338.2	5379.6	5639.7	6024.0	*6420.1*	6603.3	7383.7	8725.6	10729.7	11468.6	9210.4
40°	5964.9	5976.7	6230.9	6603.3	*7023.1*	7200.4	7974.8	9346.4	11196.7	11722.9	9334.5
42.5°	6609.3	6709.8	6922.6	7336.4	*7649.7*	7791.6	8648.8	9913.9	11569.1	11734.7	9281.3
45°	7472.4	7549.2	7762.0	8128.6	*8441.9*	8607.4	9375.9	10434.1	11758.3	11634.2	9163.1
47.5°	8459.6	8506.9	8678.3	9009.4	*9358.2*	9476.4	10132.6	10729.7	11829.3	11563.2	9109.9
50°	9624.2	9624.2	9748.4	10032.1	*10351.3*	10516.9	10830.2	10907.0	12036.2	11439.1	9245.9
52.5°	10605.5	10652.8	10818.4	11220.4	*11539.6*	11728.8	11374.1	11179.0	11616.4	10747.4	9287.2
55°	11545.5	11598.7	11971.1	12473.6	*13017.5*	13224.4	12053.9	11043.0	10203.6	9736.5	9003.5
57.5°	12444.1	12556.4	13023.4	14004.8	*14826.5*	14808.7	12917.0	9825.2	8329.6	8619.2	8382.8
60°	13697.4	13815.6	14560.5	15796.0	*16801.0*	16381.3	12928.8	8175.8	6491.0	6881.2	7218.2
62.5°	14743.7	14944.7	16038.4	18095.6	*19017.9*	18361.7	11858.8	6260.5	4309.6	4800.3	5580.6
65°	14649.1	14915.2	16611.8	19786.4	*21163.8*	20554.9	10292.2	3960.8	2222.8	3281.0	3907.6
67°	*13360.4*	*13650.1*	*15849.2*	*19845.5*	*21932.3*	*20631.7*	*8690.2*	*2394.2*	*1412.9*	*2276.0*	*2713.5*
67.5°	12621.4	13047.1	15470.9	19733.2	*21790.4*	20306.6	7968.9	2004.1	1330.1	2116.4	2471.1
70°	7762.0	8447.8	11610.5	17445.4	*19532.2*	16996.1	4427.8	1135.0	1081.8	1418.8	1708.5
72.5°	2335.1	2542.0	4481.0	11190.8	*14335.8*	12597.8	1992.2	874.9	969.5	1141.0	1318.3
75°	1135.0	1211.9	1850.4	4575.6	*6981.7*	6946.2	1111.4	750.8	898.6	957.7	1040.5
77.5°	727.1	774.4	1152.8	2559.8	*3198.2*	2849.4	804.0	656.2	798.1	786.3	774.4
80°	455.2	478.8	739.0	1483.8	*2358.8*	1968.6	591.2	538.0	685.8	608.9	549.8
82.5°	295.6	325.1	472.9	904.5	*1684.8*	1466.1	390.2	384.3	567.5	484.8	425.6
85°	195.1	218.7	301.5	532.1	*999.1*	1046.4	254.2	266.0	437.5	366.5	325.1
87.5°	70.9	88.7	153.7	236.5	*467.0*	579.3	106.4	100.5	212.8	171.4	136.0
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: P1457284
CATALOG NUMBER: GLAN-SB5B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1	6083.1
2.5°	6100.8	6083.1	6000.4	5929.4	5876.2	5805.3	5728.4	5639.7	5580.6	5592.4	5574.7
5°	6130.4	6083.1	5923.5	5681.1	5444.7	5149.1	4770.7	4546.1	4374.6	4286.0	4309.6
7.5°	6195.4	6112.7	5775.7	5285.0	4670.2	4067.2	3694.8	3482.0	3381.5	3340.1	3334.2
10°	6307.8	6165.9	5586.5	4670.2	3866.2	3458.3	3322.4	3263.2	3251.4	3251.4	3245.5
12.5°	6443.7	6219.1	5267.3	4073.1	3482.0	3334.2	3310.5	3316.4	3334.2	3351.9	3322.4
15°	6609.3	6242.7	4871.2	3712.5	3405.1	3369.7	3405.1	3446.5	3476.1	3499.7	3470.2
17.5°	6774.8	6219.1	4498.8	3541.1	3416.9	3464.2	3535.2	3600.2	3617.9	3653.4	3629.8
20°	6893.0	6136.3	4179.6	3476.1	3446.5	3552.9	3641.6	3712.5	3748.0	3771.6	3748.0
22.5°	6981.7	6029.9	3949.0	3411.0	3446.5	3576.6	3683.0	3765.7	3807.1	3830.8	3801.2
25°	7058.5	5882.1	3771.6	3316.4	3375.6	3499.7	3617.9	3700.7	3759.8	3795.3	3777.6
27.5°	7153.1	5763.9	3606.1	3174.6	3227.8	3346.0	3470.2	3570.7	3683.0	3742.1	3730.3
30°	7259.5	5704.8	3446.5	3020.9	3056.3	3174.6	3322.4	3458.3	3612.0	3688.9	3688.9
32.5°	7383.7	5663.4	3298.7	2873.1	2902.6	3032.7	3174.6	3298.7	3464.2	3588.4	3582.5
35°	7436.9	5616.1	3180.5	2737.1	2796.2	2902.6	3015.0	3097.7	3269.2	3416.9	3428.8
37.5°	7490.1	5598.4	3121.4	2630.7	2678.0	2760.8	2819.9	2861.3	3020.9	3174.6	3180.5
40°	7555.1	5681.1	3162.7	2559.8	2518.4	2601.1	2630.7	2654.3	2737.1	2837.6	2837.6
42.5°	7513.7	5740.2	3257.3	2494.7	2323.3	2417.9	2429.7	2423.8	2429.7	2435.6	2429.7
45°	7407.3	5681.1	3257.3	2394.2	2116.4	2216.9	2211.0	2181.4	2134.1	2010.0	1992.2
47.5°	7383.7	5645.6	3133.2	2228.7	1909.5	1992.2	2004.1	1944.9	1809.0	1678.9	1637.5
50°	7484.2	5710.7	2938.1	2027.7	1732.1	1803.1	1832.6	1732.1	1578.4	1442.4	1418.8
52.5°	7632.0	5793.4	2654.3	1809.0	1584.3	1655.3	1690.7	1578.4	1418.8	1312.4	1300.6
55°	7614.2	5793.4	2335.1	1608.0	1472.0	1525.2	1584.3	1466.1	1342.0	1282.8	1276.9
57.5°	7230.0	5574.7	2098.6	1466.1	1365.6	1412.9	1489.7	1377.4	1259.2	1271.0	1288.7
60°	6479.2	5007.2	1921.3	1371.5	1271.0	1318.3	1401.1	1271.0	1117.3	1075.9	1075.9
62.5°	5338.2	4126.3	1779.4	1276.9	1182.3	1241.5	1282.8	1111.4	1010.9	963.6	963.6
65°	4002.2	3192.3	1631.6	1200.1	1105.5	1170.5	1123.2	1040.5	940.0	904.5	910.4
67°	*2967.7*	*2477.0*	*1507.5*	*1135.0*	*1058.2*	*1087.7*	*1052.3*	*993.2*	*892.7*	*863.1*	*892.7*
67.5°	2666.2	2352.8	1477.9	1117.3	1046.4	1070.0	1034.5	987.2	880.8	851.3	880.8
70°	1832.6	1809.0	1318.3	1034.5	981.3	957.7	975.4	916.3	827.6	815.8	845.4
72.5°	1395.2	1442.4	1182.3	963.6	910.4	880.8	922.2	863.1	774.4	792.2	821.7
75°	1093.7	1164.6	1058.2	863.1	827.6	833.5	916.3	892.7	821.7	839.5	845.4
77.5°	809.9	940.0	904.5	750.8	721.2	804.0	1034.5	1105.5	981.3	951.8	910.4
80°	591.2	673.9	762.6	620.7	603.0	774.4	1276.9	1412.9	1211.9	1093.7	1064.1
82.5°	437.5	472.9	626.6	496.6	437.5	691.7	1418.8	1661.2	1442.4	1217.8	1182.3
85°	313.3	366.5	496.6	366.5	289.7	567.5	1389.2	1625.7	1430.6	1152.8	1123.2
87.5°	112.3	159.6	212.8	165.5	147.8	390.2	1146.9	1170.5	892.7	407.9	413.8
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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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

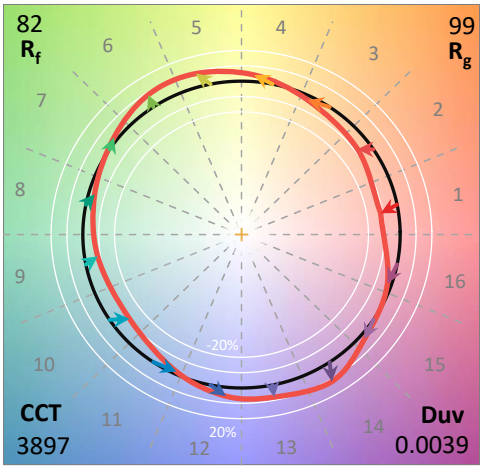
Test Information

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

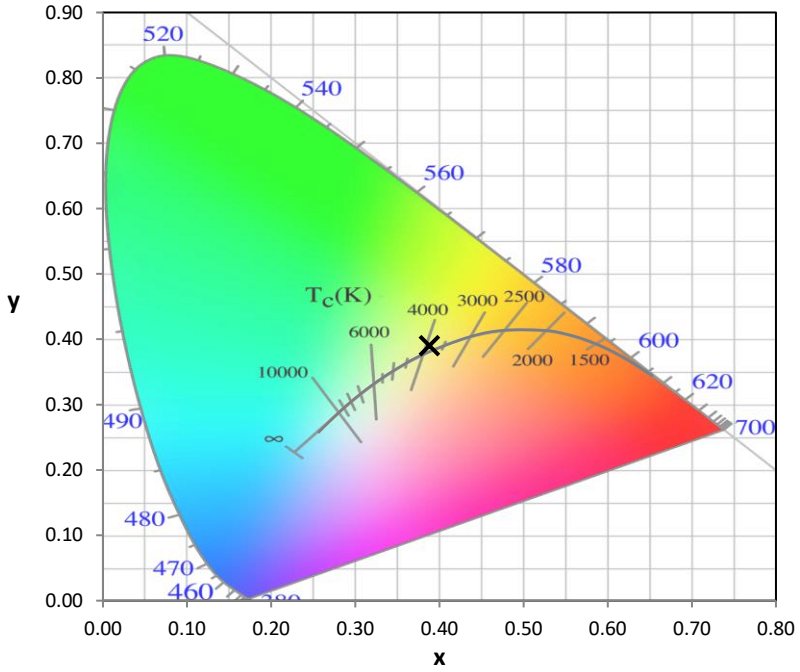
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

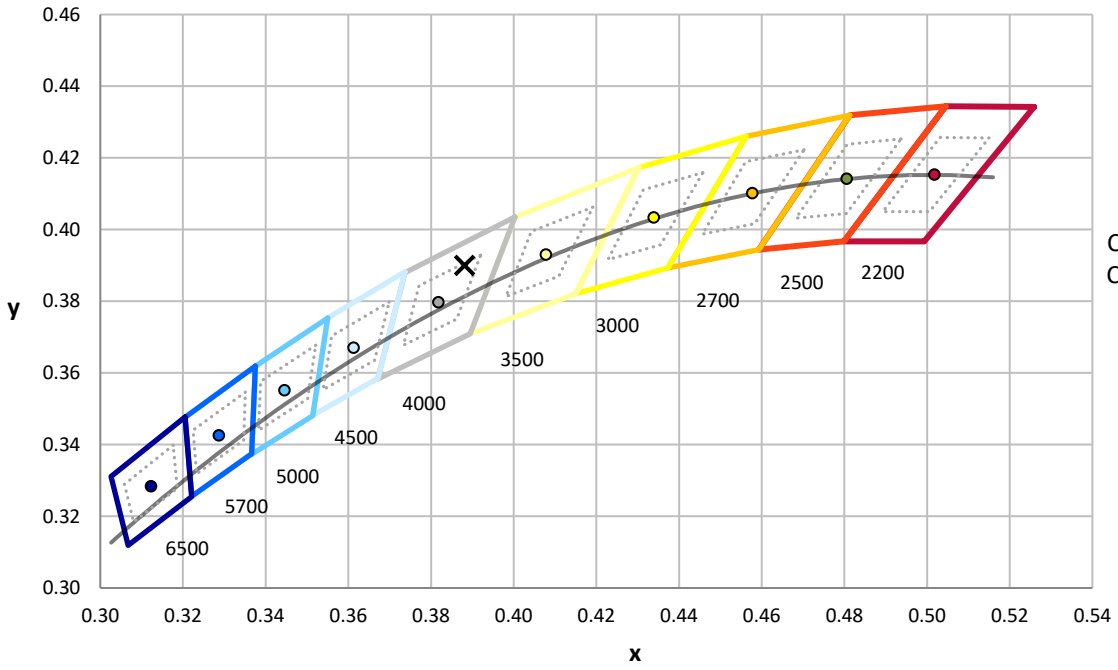
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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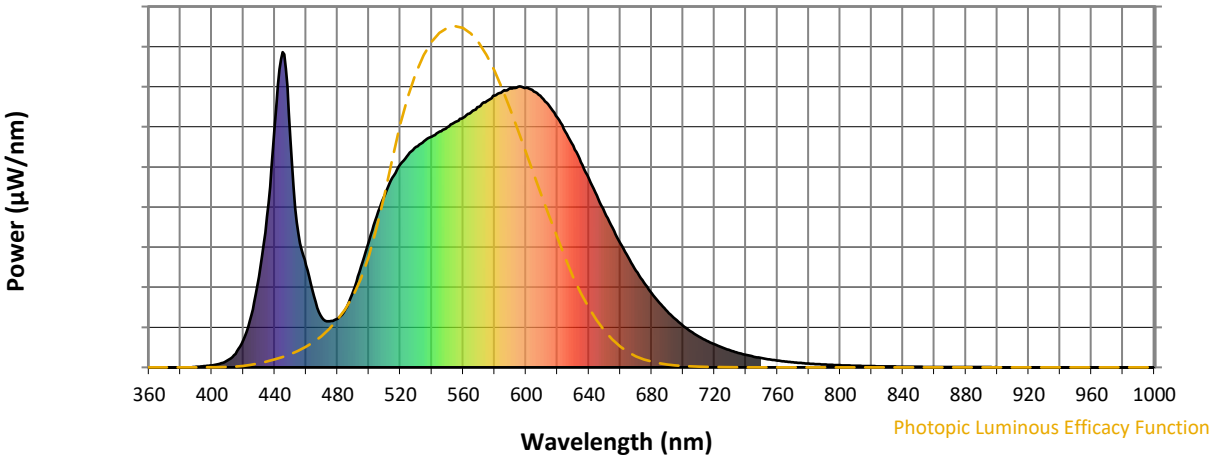
Photopic Flux vs. Wavelength



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			

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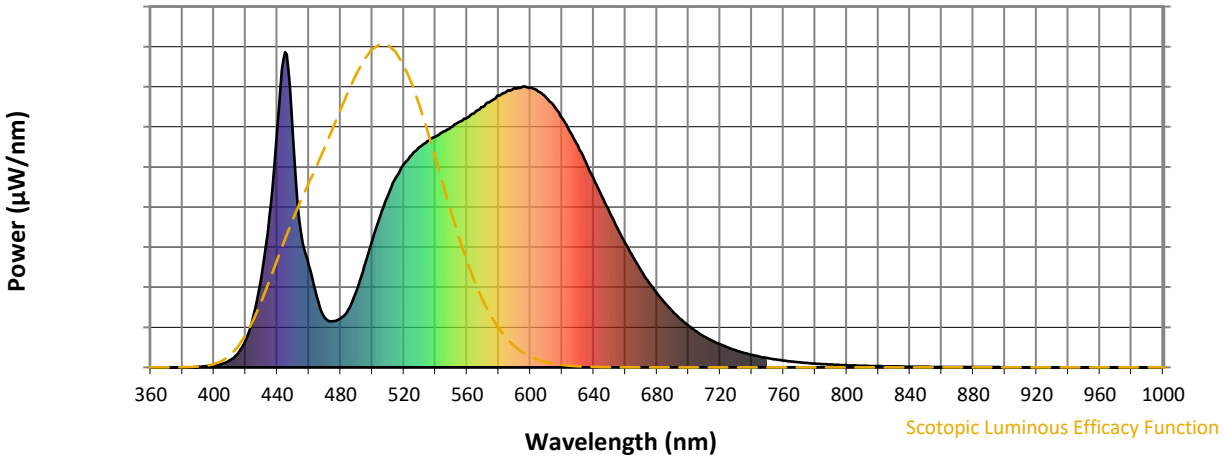
Scotopic Flux vs. Wavelength



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			

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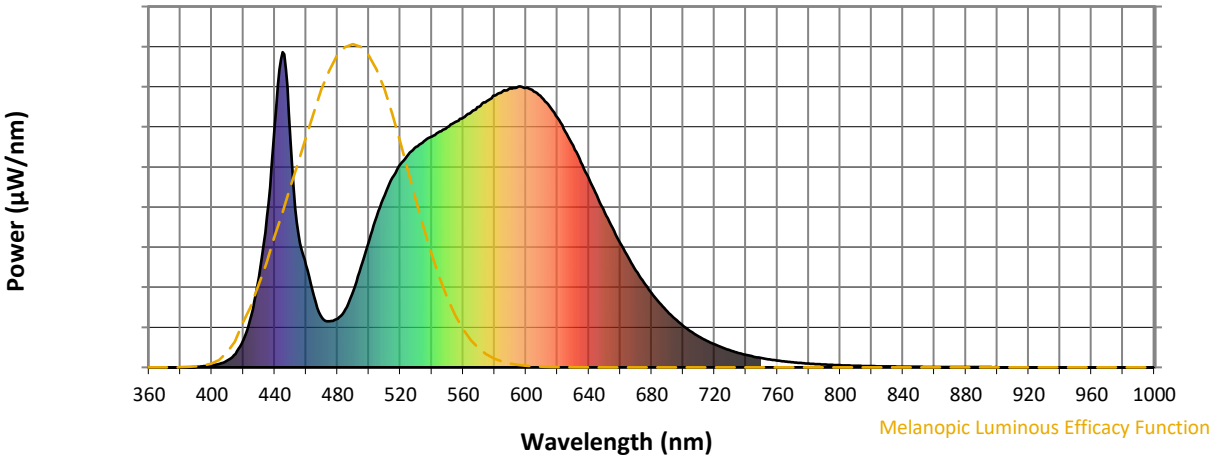
Melanopic Flux vs. Wavelength



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			

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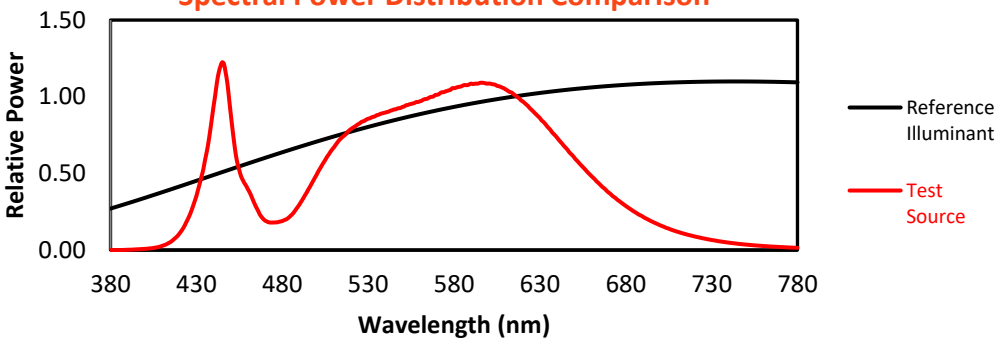
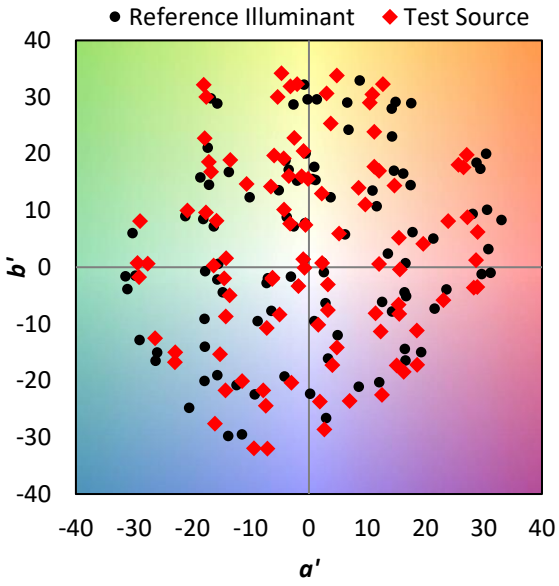
Summary

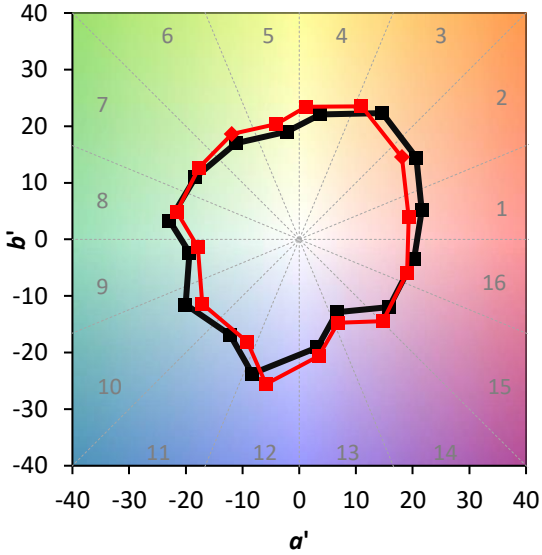
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

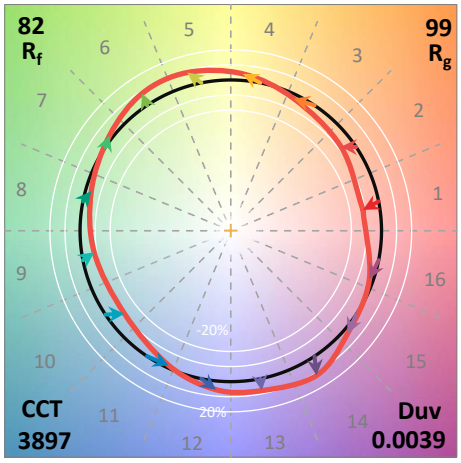
Spectral Power Distribution Comparison

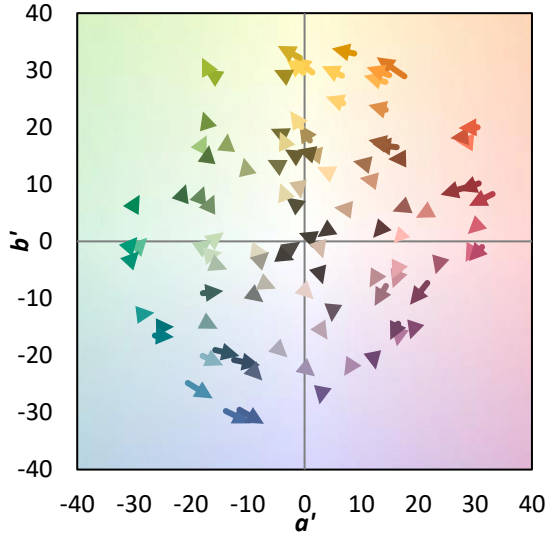


Color Vector Graphics









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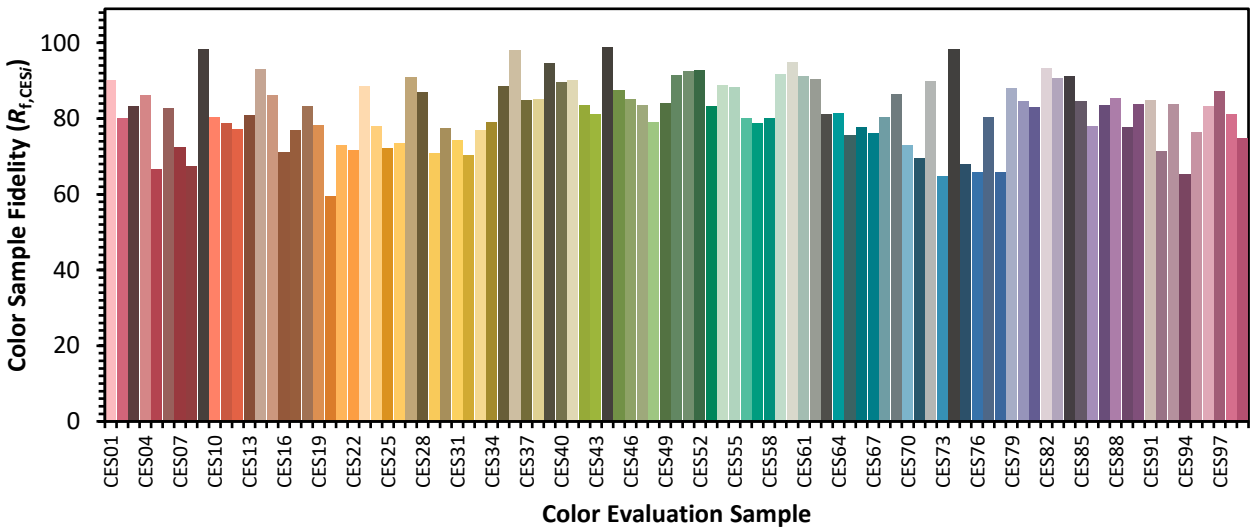
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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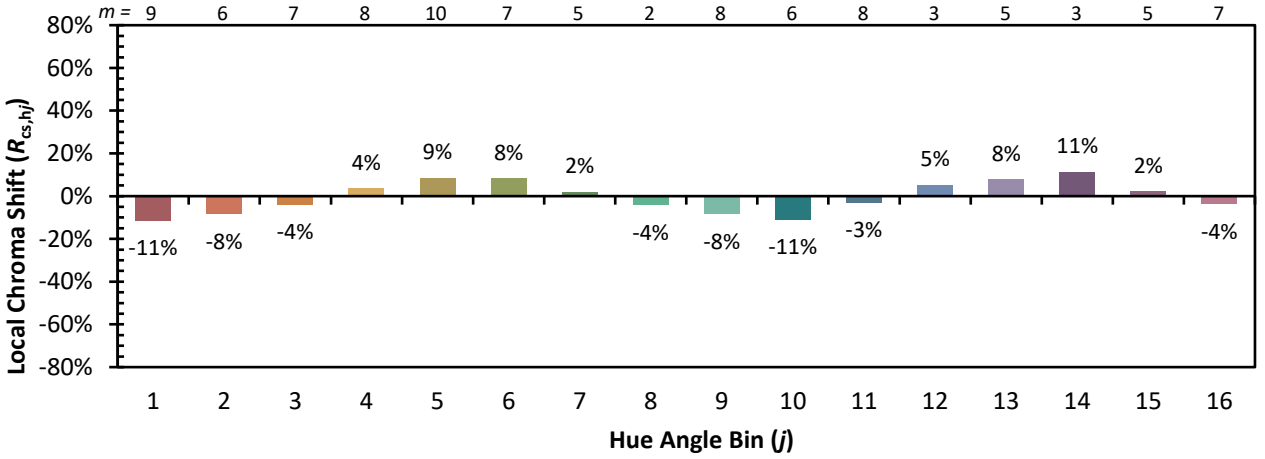
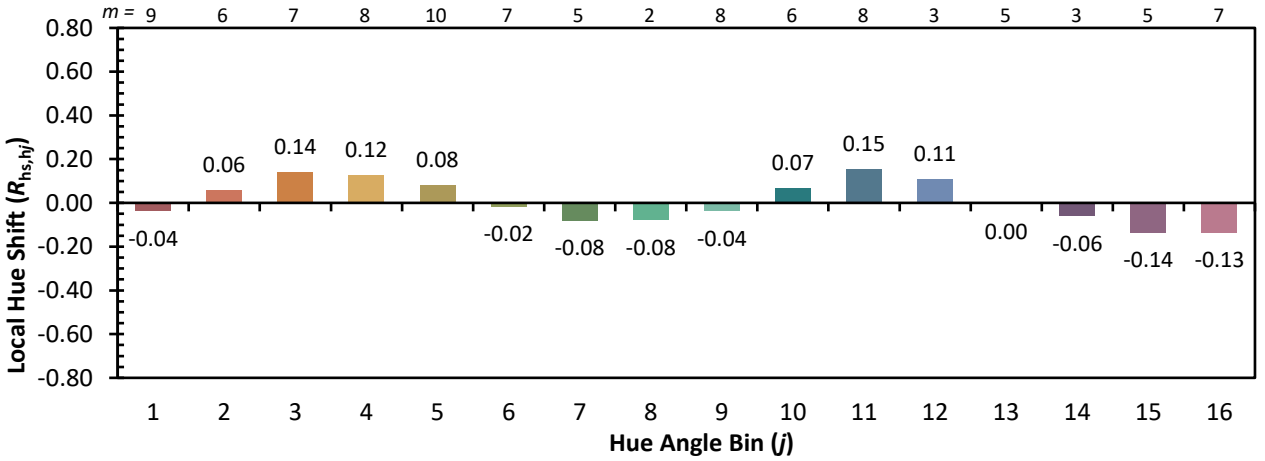
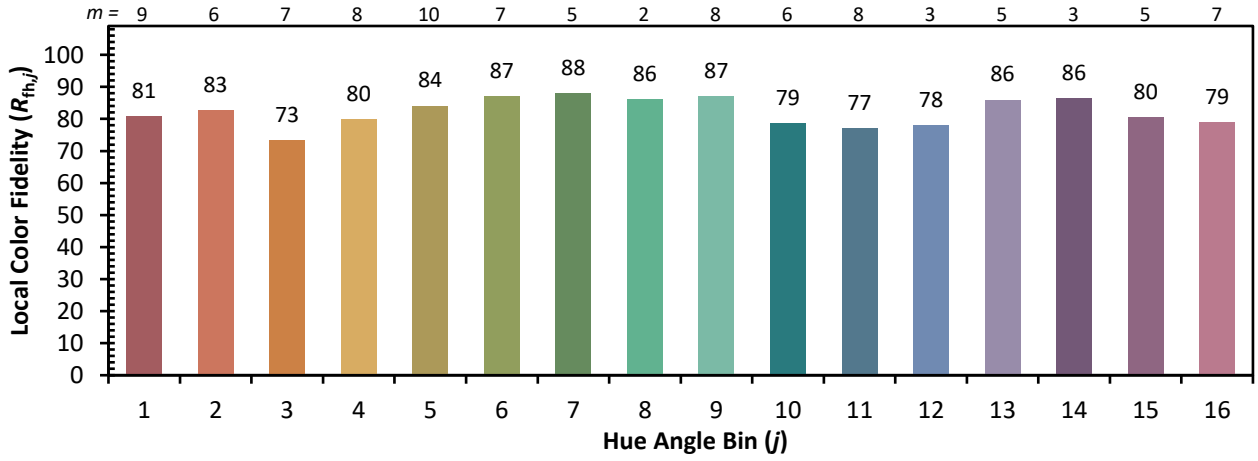
Color Rendition by Hue-Angle Bin







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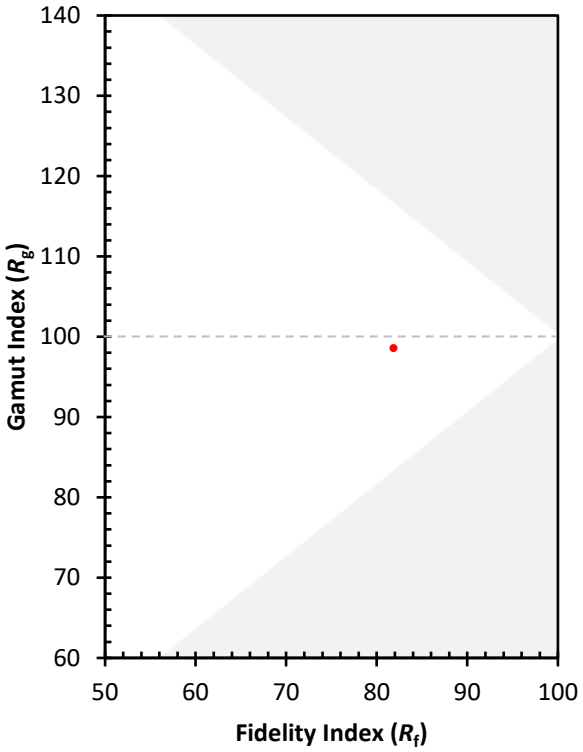
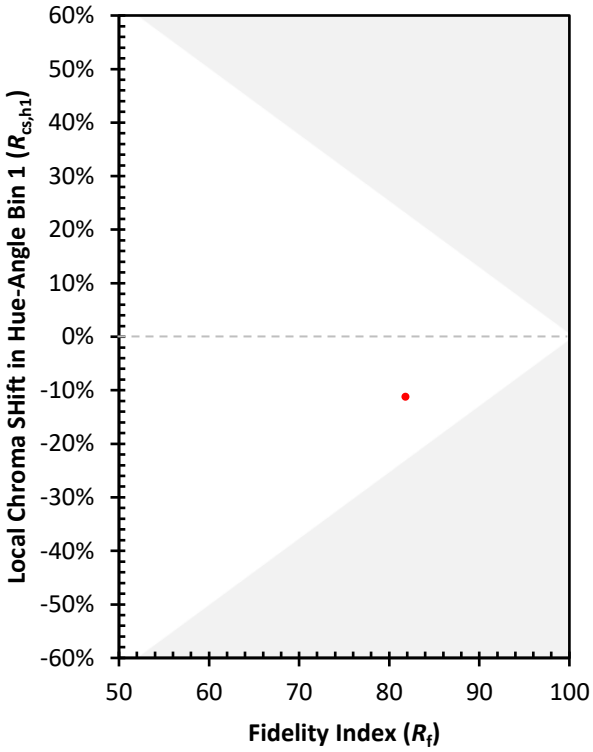
Measure Comparisons





(END OF REPORT)