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: P1457783

Luminaire Tested: GLAN-SB4A-830-U-T2LG-HSS

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:	P1457783
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-830-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11696.8 lumens
Efficiency:	N/A
Efficacy:	102.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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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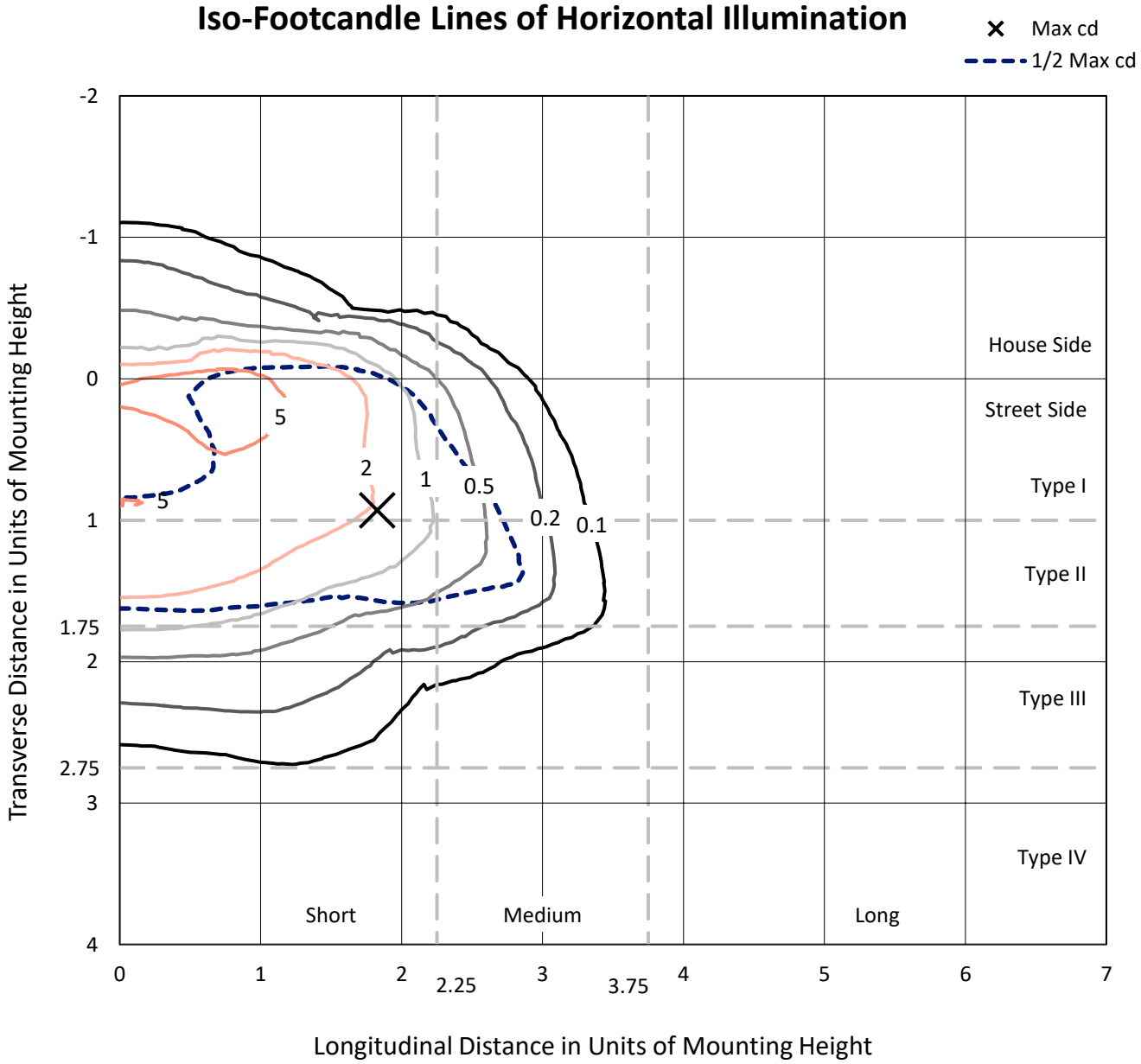
Scaled Data Report

REPORT NUMBER: P1457783
CATALOG NUMBER: GLAN-SB4A-830-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.4 fc
Type II - Short - N/A

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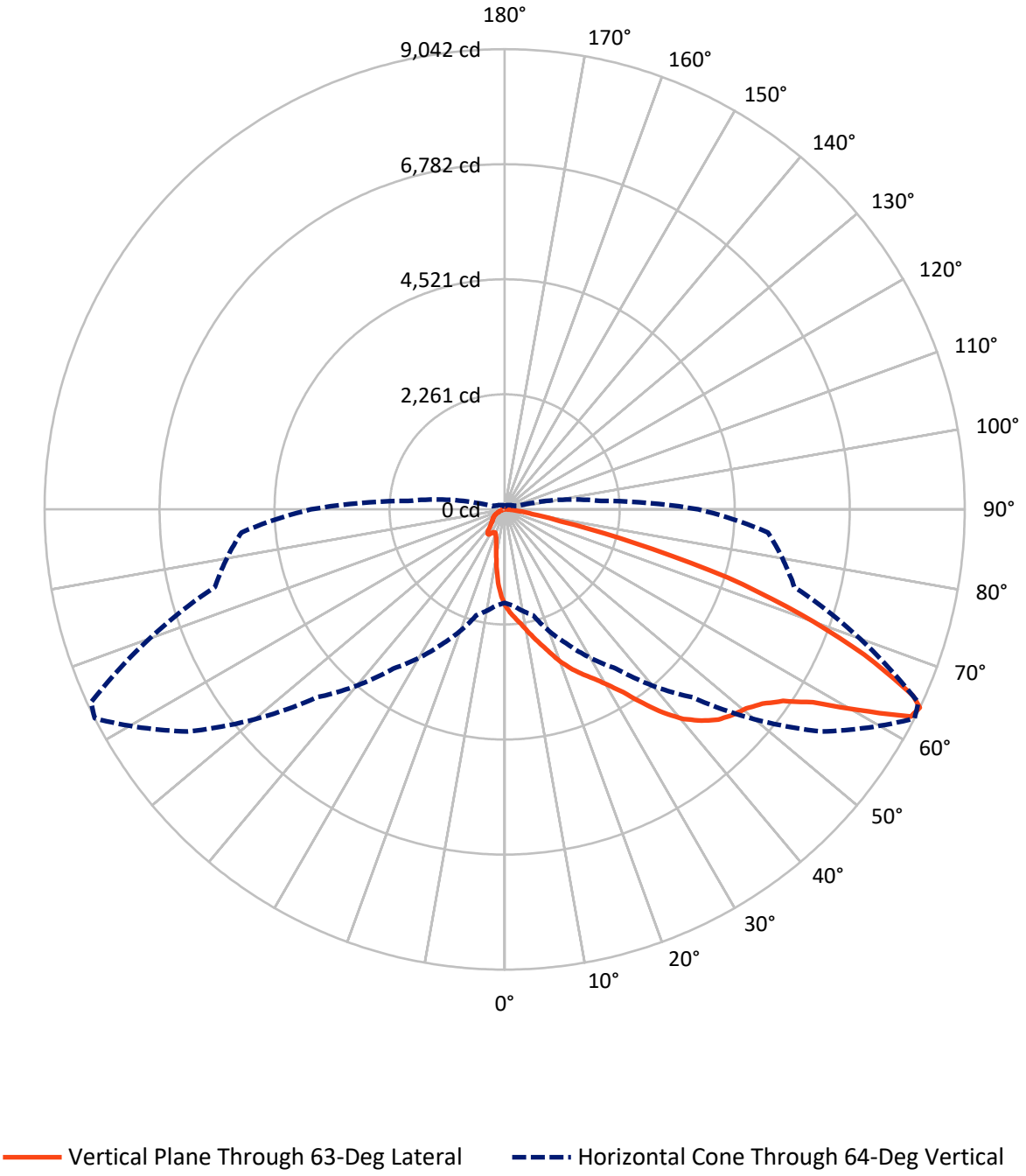
Luminous Intensity Polar Plot



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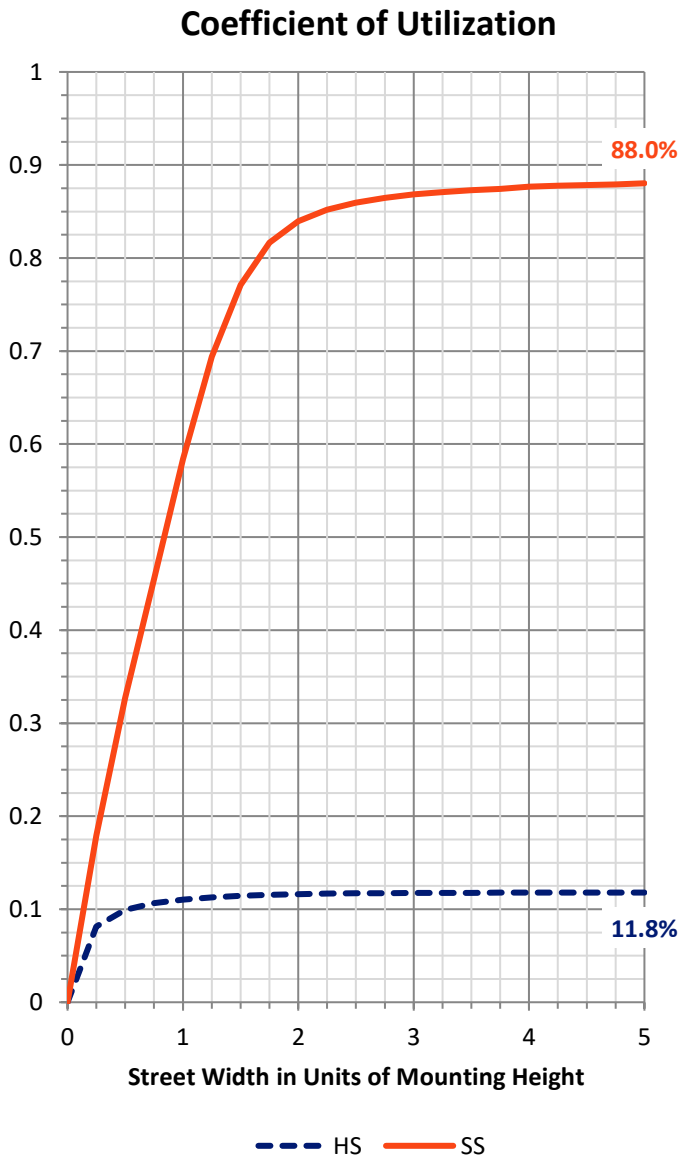
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1388.0	0.0	1388.0
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10308.8	0.0	10308.8
	% Fixture	88.1	0.0	88.1
Total	Lumens	11696.8	0.0	11696.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.3	1.4
10°-20°	447.5	3.8
20°-30°	797.1	6.8
30°-40°	1522.4	13.0
40°-50°	2523.5	21.6
50°-60°	3145.6	26.9
60°-70°	2345.5	20.1
70°-80°	672.7	5.8
80°-90°	83.2	0.7
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°	11696.8	100.0
0°-180°	11696.8	100.0



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REPORT NUMBER: P1457783
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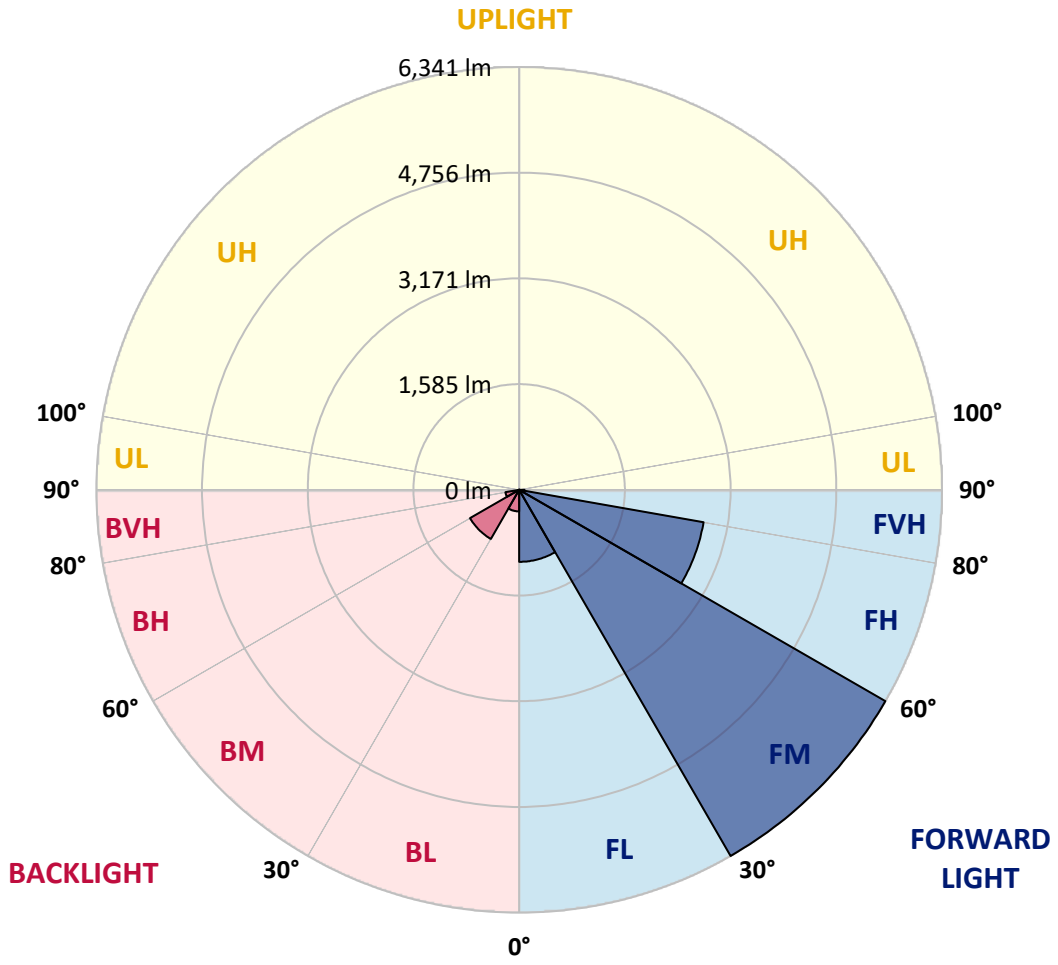
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1080.1	9.2			
FM	(30°-60°)	6341.4	54.2			
FH	(60°-80°)	2808.3	24.0			G2/5000
FVH	(80°-90°)	79.1	0.7			G1/100
BL	(0°-30°)	323.8	2.8	B1/500		
BM	(30°-60°)	850.2	7.3	B1/1000		
BH	(60°-80°)	209.9	1.8	B1/500		G1/500
BVH	(80°-90°)	4.1	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 II Short



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REPORT NUMBER: P1457783
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	*1891.2*	1891.2	1891.2	1891.2
2.5°	2119.3	2112.3	2105.3	2094.8	2080.7	2066.7	2049.1	*2024.6*	2014.1	1979.0	1936.9
5°	2228.1	2228.1	2224.6	2217.6	2210.5	2196.5	2175.5	*2143.9*	2129.8	2080.7	2007.0
7.5°	2256.2	2259.7	2270.2	2284.2	2305.3	2301.8	2301.8	*2266.7*	2259.7	2207.0	2108.8
10°	2207.0	2210.5	2238.6	2277.2	2340.4	2400.0	2442.1	*2421.1*	2410.5	2357.9	2235.1
12.5°	2136.9	2136.9	2182.5	2242.1	2340.4	2452.7	2575.5	*2596.5*	2600.0	2540.4	2393.0
15°	1954.4	1961.4	2035.1	2154.4	2315.8	2491.2	2698.3	*2779.0*	2800.0	2761.4	2586.0
17.5°	1712.3	1719.3	1793.0	1954.4	2196.5	2491.2	2803.5	*2989.5*	3017.6	3024.6	2831.6
20°	1610.5	1610.5	1652.6	1775.5	2028.1	2424.6	2866.7	*3214.1*	3277.2	3354.4	3101.8
22.5°	1624.6	1624.6	1649.1	1719.3	1922.8	2333.4	2905.3	*3414.1*	3543.9	3740.4	3449.2
25°	1701.8	1701.8	1722.8	1768.4	1933.4	2319.3	2979.0	*3593.0*	3800.0	4172.0	3845.6
27.5°	1824.6	1821.1	1838.6	1884.2	2035.1	2386.0	3101.8	*3772.0*	4003.5	4656.2	4301.8
30°	2003.5	1993.0	2000.0	2052.6	2200.0	2540.4	3280.7	*4000.0*	4235.1	5186.0	4807.1
32.5°	2417.6	2414.1	2312.3	2284.2	2442.1	2789.5	3526.3	*4284.2*	4547.4	5747.4	5326.4
35°	3164.9	3214.1	3070.2	2701.8	2733.4	3122.8	3877.2	*4670.2*	4912.3	6343.9	5891.3
37.5°	3922.8	3922.8	3863.2	3428.1	3207.0	3491.3	4256.2	*5066.7*	5319.3	6824.6	6435.1
40°	4522.8	4554.4	4484.2	4157.9	3870.2	3912.3	4635.1	*5414.1*	5645.7	7119.4	6821.1
42.5°	4968.5	4961.4	4933.4	4719.3	4557.9	4463.2	4979.0	*5673.7*	5894.8	7270.2	7063.2
45°	5449.2	5449.2	5410.6	5235.1	5101.8	5021.1	5235.1	*5891.3*	6122.9	7361.5	7214.1
47.5°	5950.9	5943.9	5905.3	5712.3	5568.5	5449.2	5494.8	*6031.6*	6263.2	7301.8	7238.7
50°	6073.7	6066.7	6154.4	6161.5	6031.6	5803.6	5701.8	*6150.9*	6354.4	7305.3	7315.9
52.5°	5929.9	5972.0	6101.8	6259.7	6407.1	6168.5	5922.9	*6340.4*	6550.9	7403.6	7508.8
55°	5572.0	5589.5	5838.6	6091.3	6435.1	6519.4	6277.2	*6642.2*	6828.1	7498.3	7680.8
57.5°	4905.3	4972.0	5238.6	5677.2	6200.1	6550.9	6894.8	*7147.4*	7287.8	7536.9	7586.0
60°	3701.8	3736.9	4315.8	4884.3	5712.3	6298.3	7470.2	*8003.6*	7986.0	7101.8	6922.9
62.5°	2252.7	2284.2	2698.3	3600.0	4642.1	5772.0	7663.2	*8961.5*	8866.7	6368.5	5828.1
64°	*1835.1*	*1894.8*	*2150.9*	*2922.8*	*3817.6*	*5221.1*	*7607.1*	*9042.2*	*8968.5*	*5894.8*	*5193.0*
65°	1568.4	1649.1	1912.3	2536.9	3245.6	4628.1	7452.7	*8817.6*	8768.5	5607.1	4666.7
67.5°	986.0	1024.6	1414.0	1971.9	2235.1	2961.4	6407.1	*7624.6*	7712.3	4996.5	3442.1
70°	733.3	750.9	971.9	1526.3	1743.9	1722.8	4400.0	*6175.5*	6196.5	3996.5	2077.2
72.5°	533.3	536.8	680.7	1129.8	1364.9	1175.4	2319.3	*4589.5*	4438.6	2340.4	1133.3
75°	354.4	368.4	477.2	796.5	1063.2	863.2	1056.1	*2614.1*	2568.4	1143.9	649.1
77.5°	259.7	263.2	322.8	533.3	835.1	635.1	638.6	*1126.3*	1161.4	680.7	410.5
80°	147.4	154.4	210.5	326.3	543.9	435.1	357.9	*543.9*	624.6	463.2	273.7
82.5°	87.7	94.7	150.9	214.0	371.9	178.9	182.5	*298.2*	371.9	333.3	147.4
85°	52.6	56.1	94.7	115.8	221.1	119.3	66.7	*147.4*	193.0	196.5	80.7
87.5°	35.1	35.1	52.6	49.1	63.2	56.1	28.1	*38.6*	49.1	66.7	31.6
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: P1457783
CATALOG NUMBER: GLAN-SB4A-830-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2	1891.2
2.5°	1901.8	1880.7	1817.6	1733.3	1656.2	1596.5	1522.8	1473.7	1428.1	1428.1	1389.5
5°	1947.4	1891.2	1736.9	1543.9	1336.9	1140.4	1014.0	873.7	828.1	789.5	796.5
7.5°	2024.6	1922.8	1649.1	1301.8	971.9	761.4	621.1	557.9	529.8	512.3	515.8
10°	2119.3	1979.0	1543.9	1056.1	715.8	557.9	491.2	466.7	456.1	452.6	452.6
12.5°	2249.1	2045.6	1438.6	849.1	564.9	480.7	445.6	431.6	421.1	414.0	414.0
15°	2403.5	2129.8	1315.8	698.3	494.7	442.1	414.0	400.0	386.0	382.5	382.5
17.5°	2600.0	2217.6	1207.0	600.0	459.7	414.0	386.0	368.4	357.9	354.4	354.4
20°	2817.6	2326.3	1098.3	543.9	435.1	386.0	357.9	343.9	333.3	326.3	329.8
22.5°	3094.8	2463.2	1028.1	515.8	414.0	361.4	333.3	319.3	308.8	301.8	305.3
25°	3400.0	2635.1	989.5	515.8	400.0	343.9	312.3	298.2	287.7	280.7	280.7
27.5°	3772.0	2828.1	993.0	536.8	396.5	329.8	294.7	280.7	270.2	259.7	259.7
30°	4182.5	3056.2	1031.6	575.4	403.5	315.8	280.7	259.7	252.6	242.1	242.1
32.5°	4617.6	3319.3	1129.8	624.6	396.5	298.2	259.7	242.1	231.6	224.6	224.6
35°	5077.2	3617.6	1252.6	645.6	361.4	273.7	242.1	224.6	217.5	214.0	210.5
37.5°	5515.8	3877.2	1319.3	603.5	315.8	252.6	221.1	203.5	200.0	193.0	193.0
40°	5856.2	4091.3	1280.7	515.8	291.2	231.6	203.5	186.0	178.9	171.9	171.9
42.5°	6056.2	4168.5	1140.4	438.6	273.7	210.5	186.0	168.4	161.4	157.9	157.9
45°	6172.0	4157.9	975.4	393.0	256.1	193.0	168.4	157.9	147.4	143.9	140.4
47.5°	6168.5	4049.2	856.1	354.4	238.6	178.9	157.9	147.4	136.8	133.3	133.3
50°	6143.9	3887.8	722.8	326.3	224.6	168.4	147.4	140.4	129.8	126.3	122.8
52.5°	6203.6	3796.5	603.5	308.8	207.0	161.4	143.9	133.3	119.3	115.8	115.8
55°	6277.2	3743.9	484.2	291.2	193.0	157.9	136.8	126.3	112.3	108.8	108.8
57.5°	6063.2	3543.9	400.0	263.2	175.4	150.9	129.8	122.8	108.8	98.2	98.2
60°	5389.5	2929.8	329.8	231.6	161.4	140.4	122.8	112.3	98.2	84.2	84.2
62.5°	4382.5	2235.1	273.7	196.5	150.9	129.8	112.3	101.8	84.2	66.7	66.7
64°	*3807.1*	*1898.3*	*245.6*	*171.9*	*143.9*	*119.3*	*101.8*	*91.2*	*73.7*	*56.1*	*52.6*
65°	3414.1	1677.2	228.1	161.4	140.4	112.3	98.2	87.7	66.7	52.6	49.1
67.5°	2403.5	1126.3	182.5	133.3	122.8	94.7	84.2	73.7	59.6	45.6	42.1
70°	1400.0	638.6	143.9	112.3	94.7	73.7	70.2	66.7	52.6	35.1	35.1
72.5°	761.4	319.3	108.8	91.2	73.7	52.6	59.6	52.6	42.1	28.1	24.6
75°	466.7	196.5	80.7	66.7	49.1	38.6	45.6	38.6	24.6	17.5	14.0
77.5°	312.3	126.3	59.6	45.6	31.6	24.6	31.6	21.1	10.5	3.5	3.5
80°	193.0	87.7	38.6	28.1	17.5	10.5	7.0	3.5	3.5	0.0	0.0
82.5°	84.2	56.1	21.1	14.0	7.0	3.5	3.5	0.0	0.0	0.0	0.0
85°	45.6	17.5	7.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	7.0	3.5	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

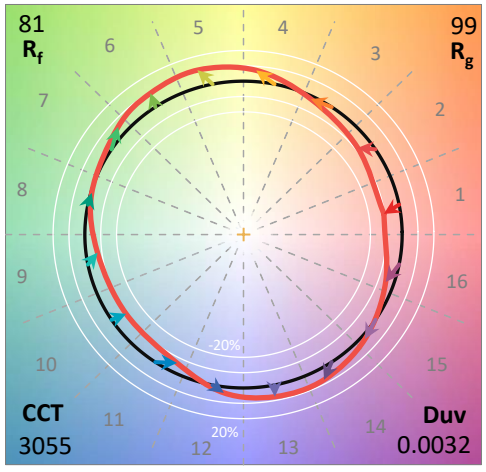
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

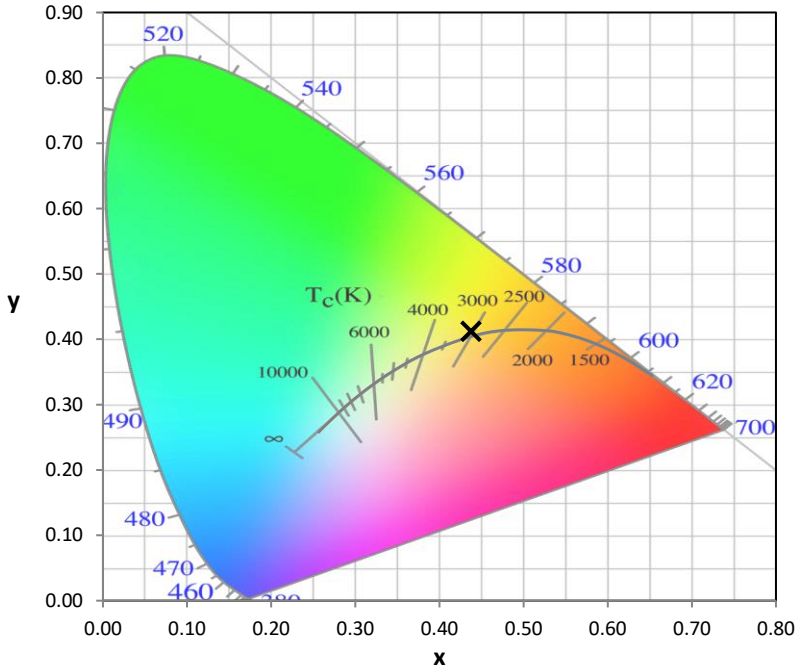
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

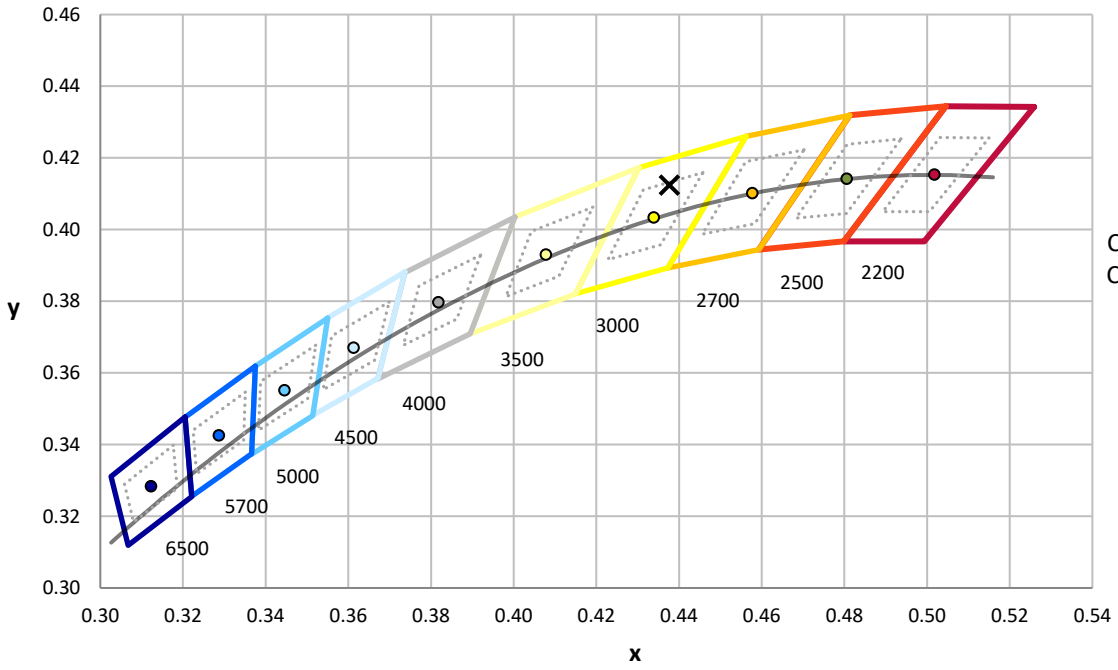
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

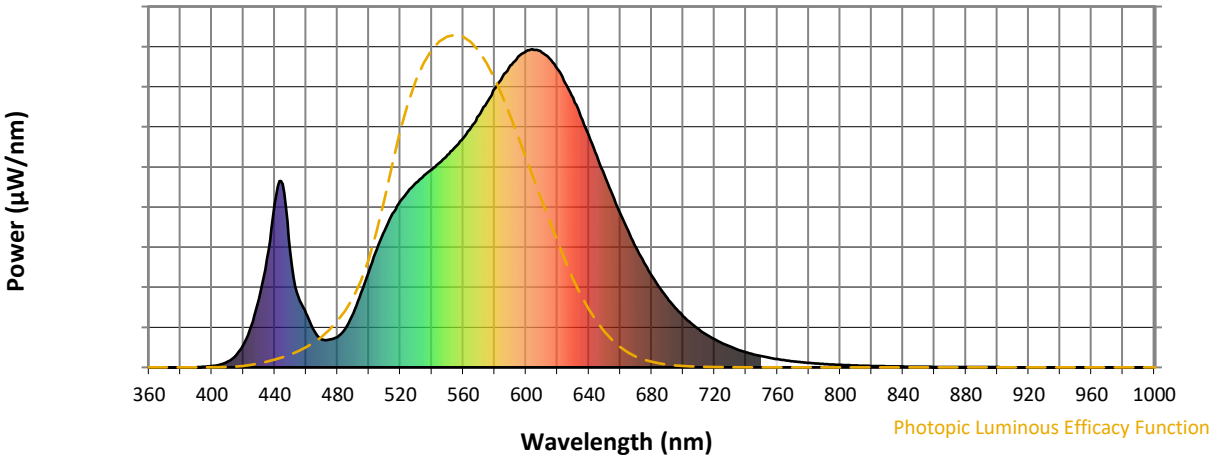


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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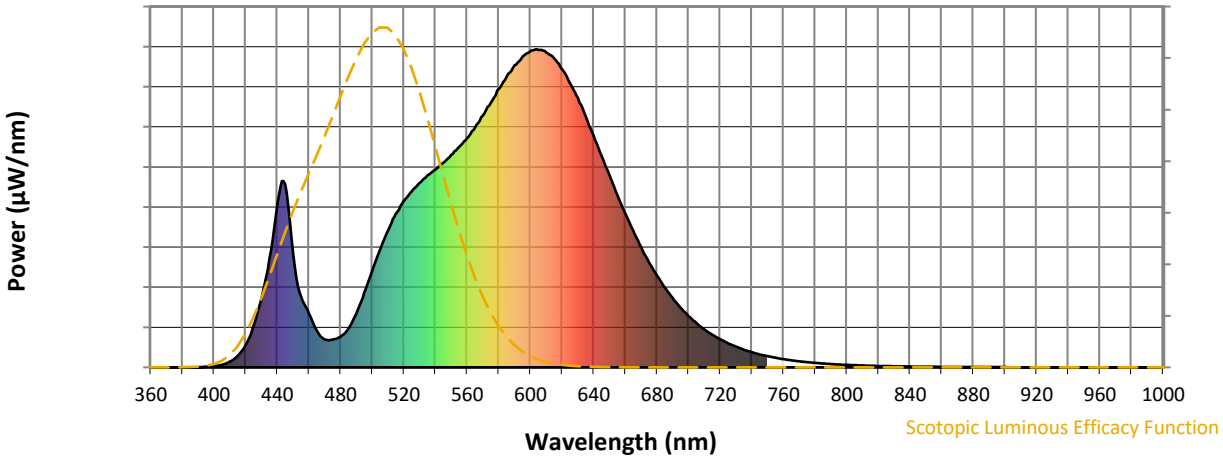
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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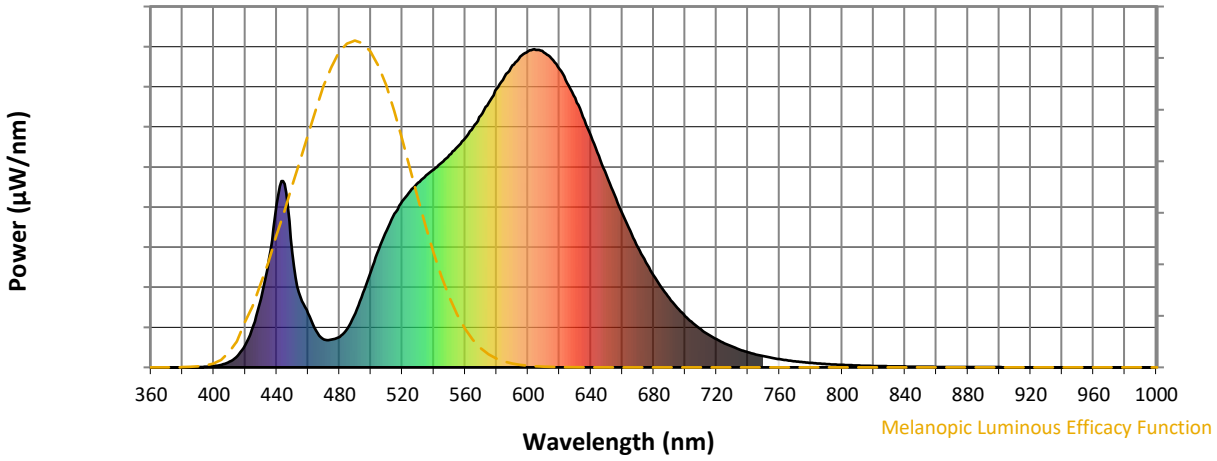
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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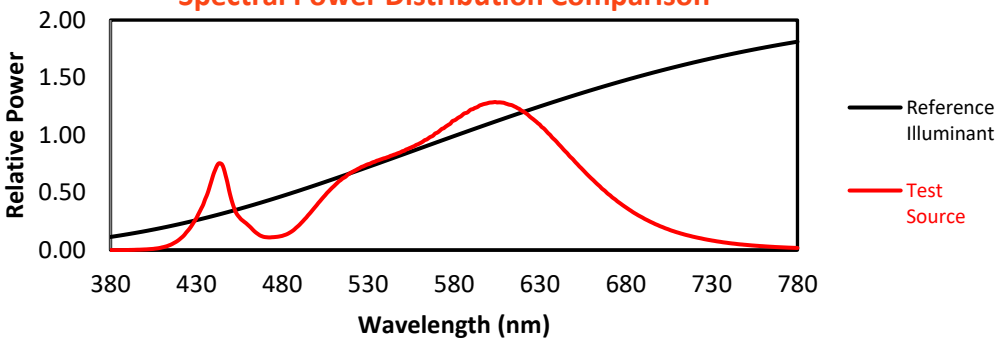
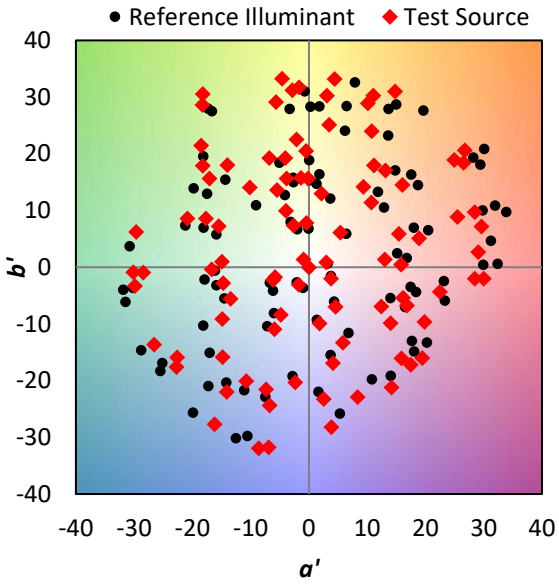
Summary

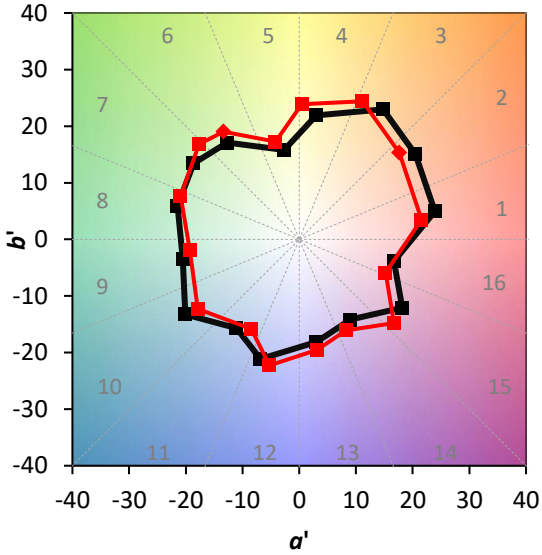
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

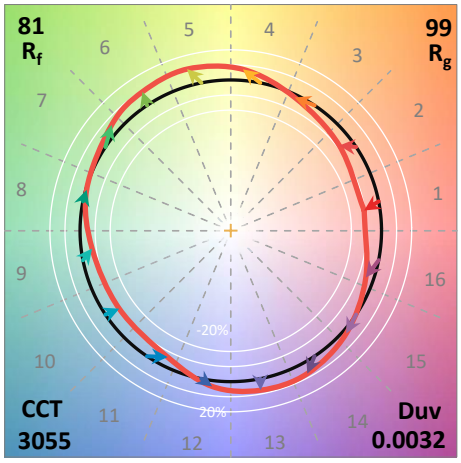
Spectral Power Distribution Comparison

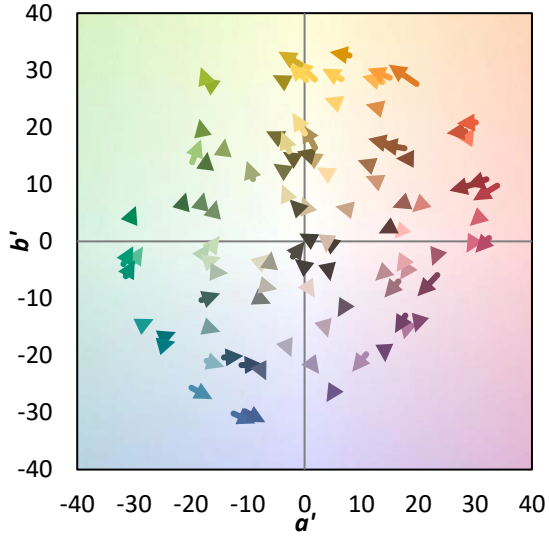


Color Vector Graphics









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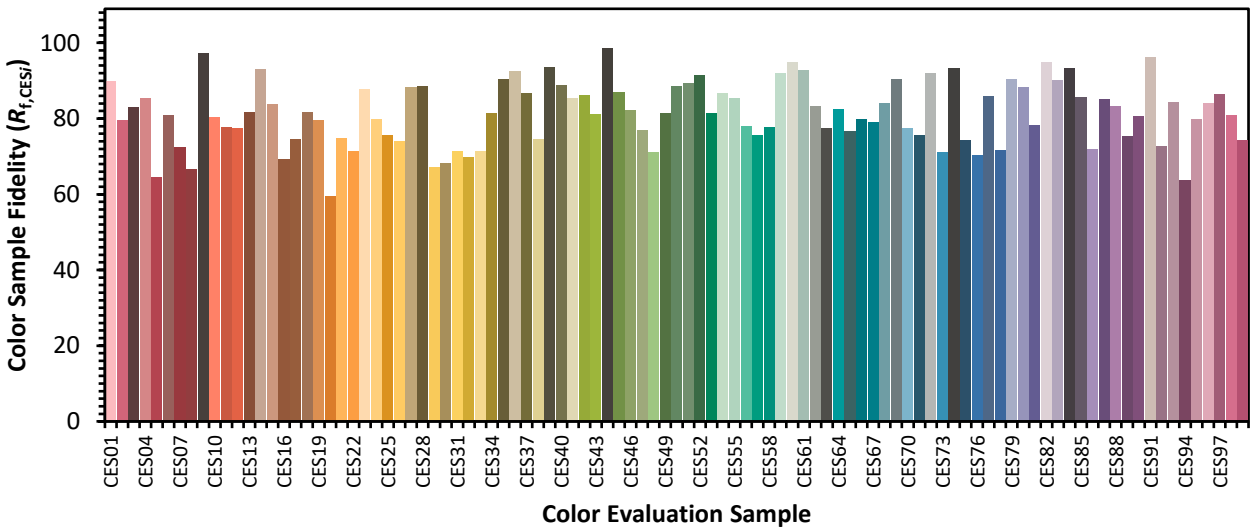
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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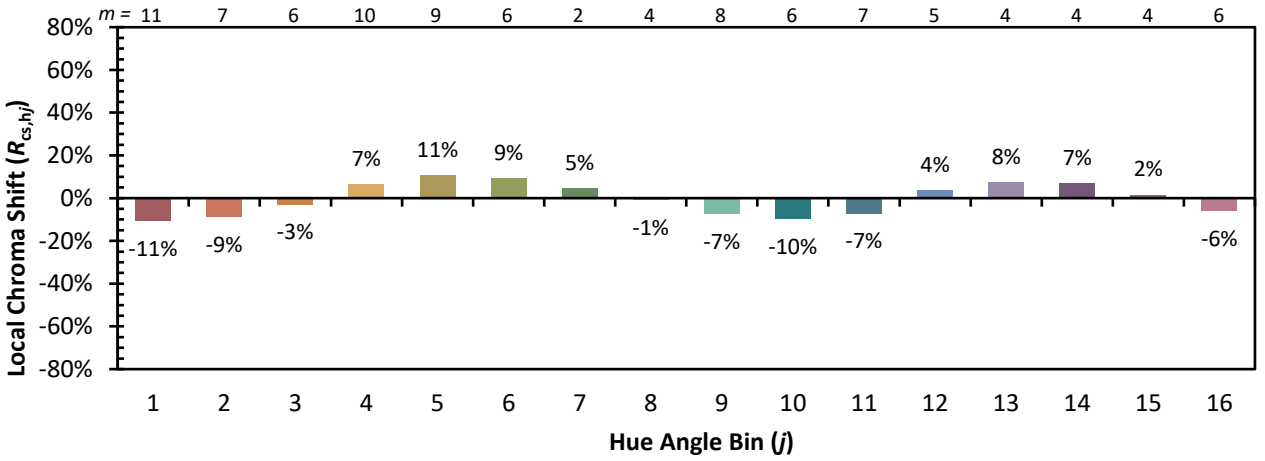
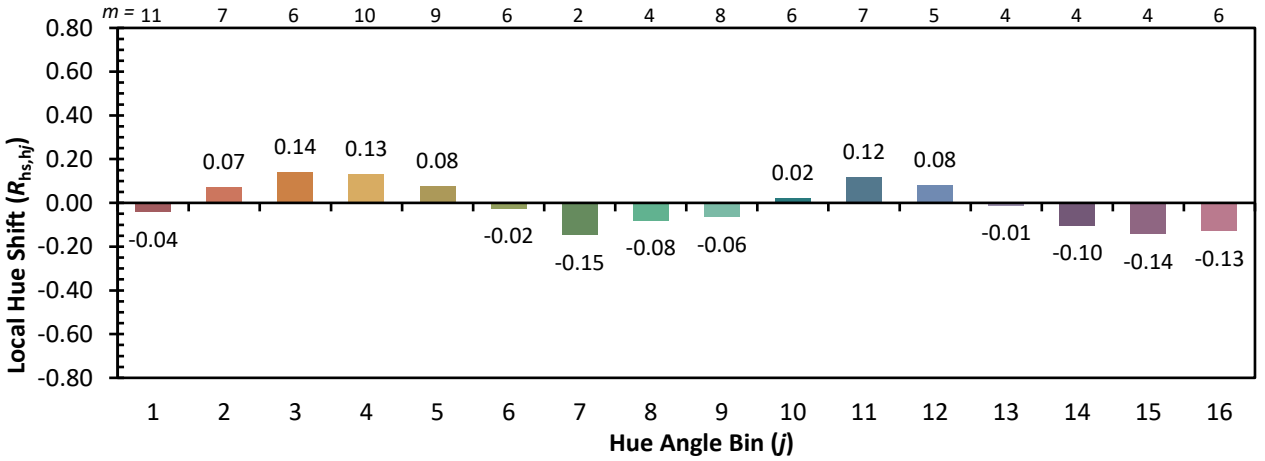
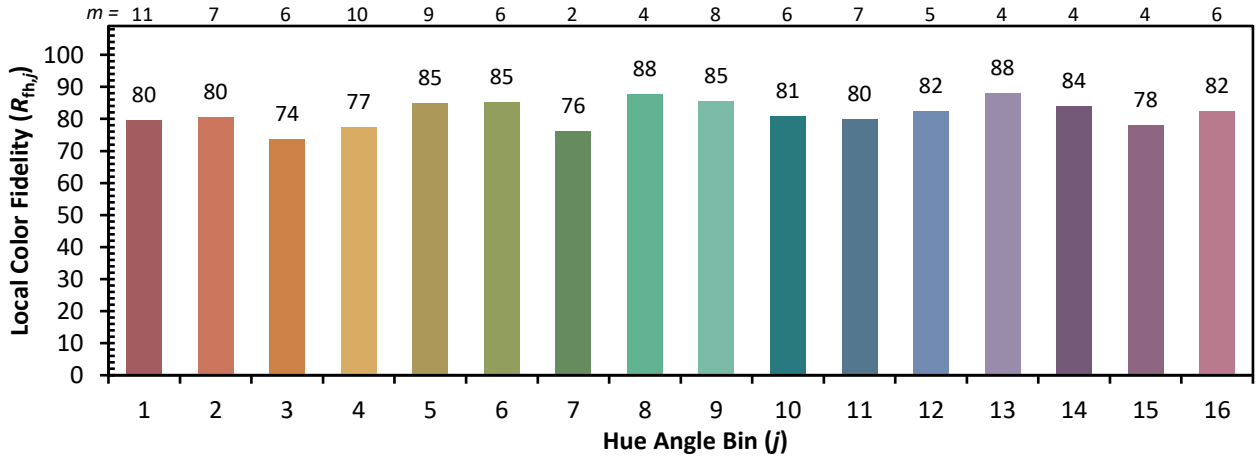
Color Rendition by Hue-Angle Bin







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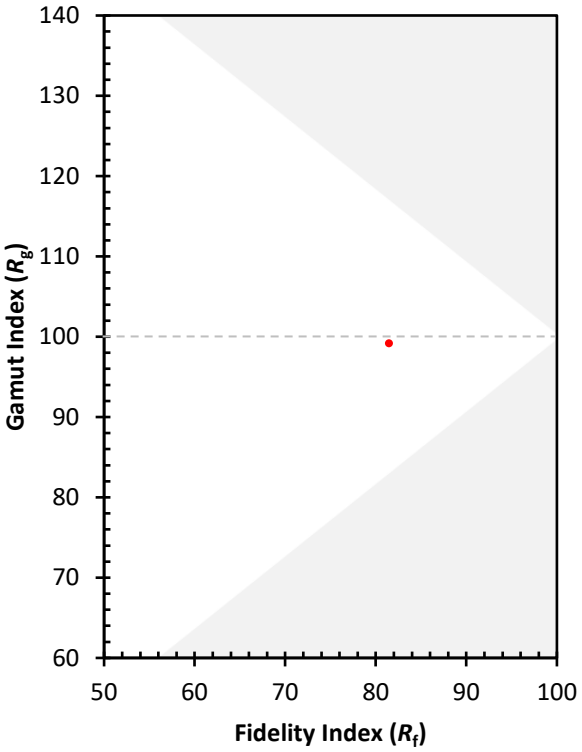
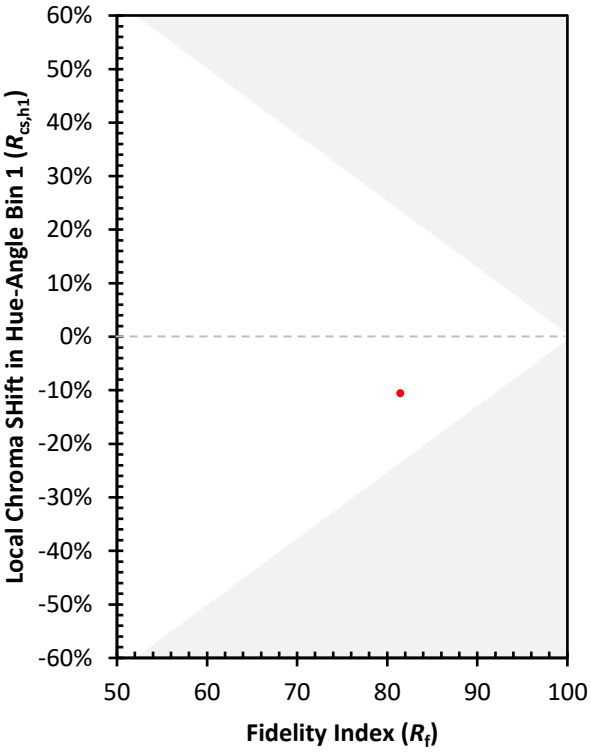
Measure Comparisons





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