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: P1457207

Luminaire Tested: GLAN-SB4A-830-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:	P1457207
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-830-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15803.6 lumens
Efficiency:	N/A
Efficacy:	138.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - 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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REPORT NUMBER: P1457207
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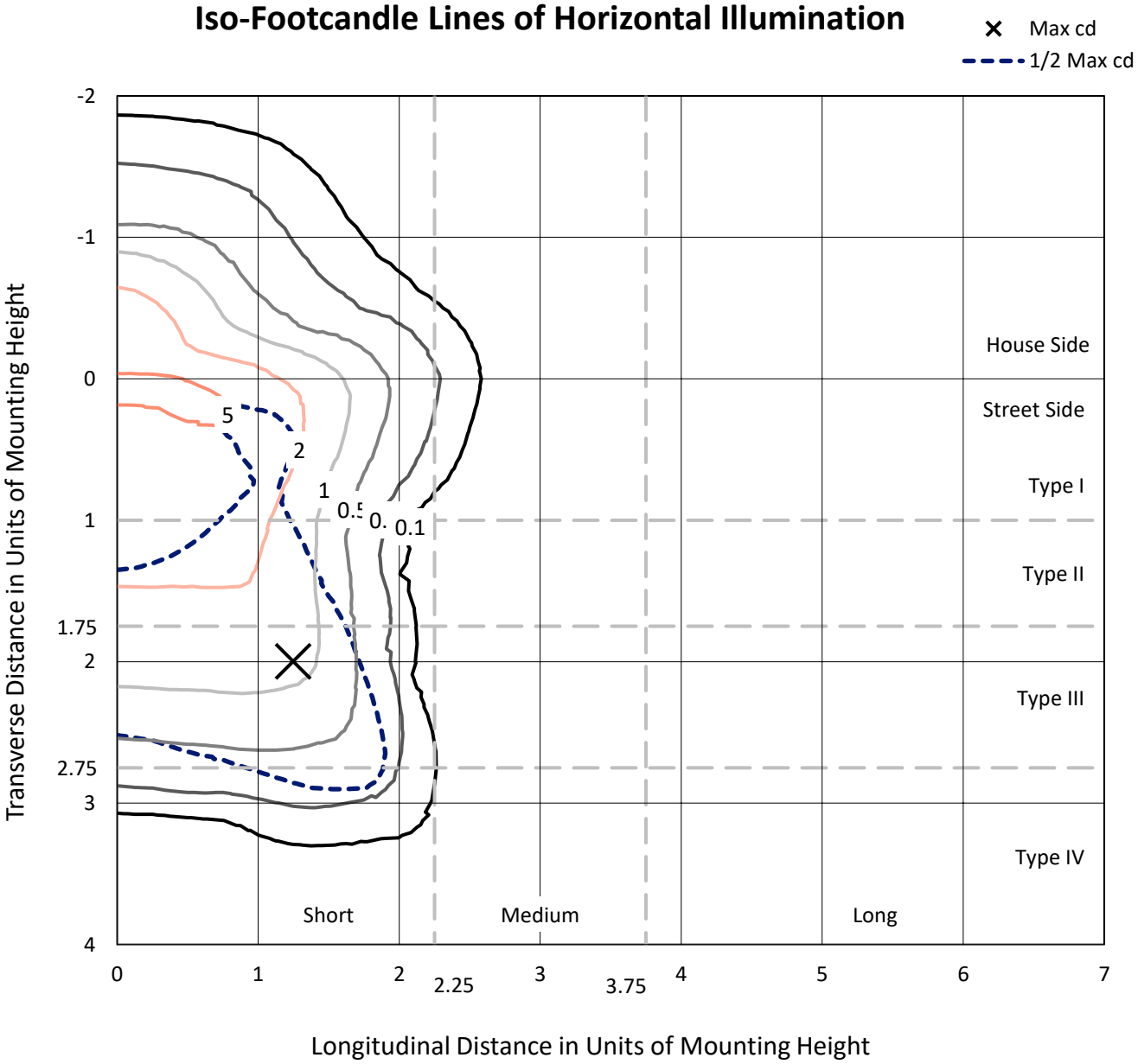
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type IV - Short - N/A

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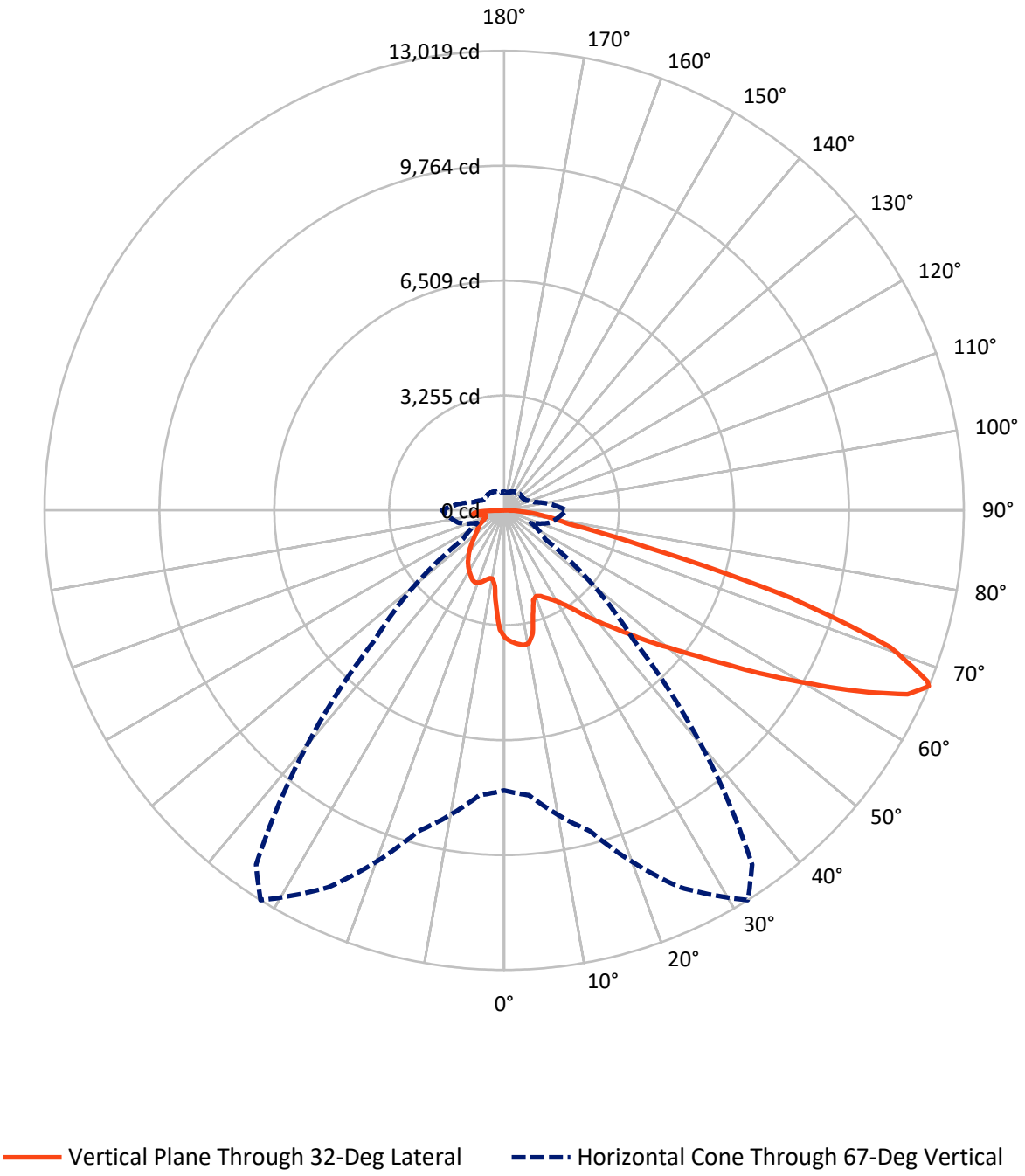
Luminous Intensity Polar Plot



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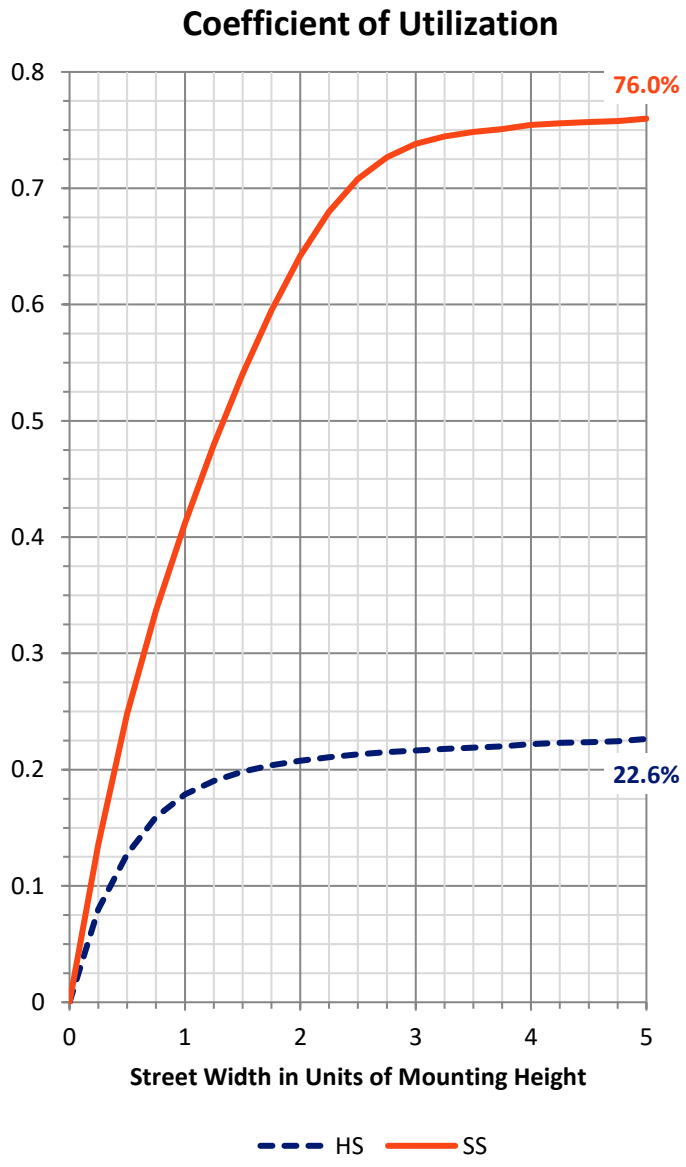
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3741.4	0.0	3741.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	12062.1	0.0	12062.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	15803.6	0.0	15803.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.5	2.0
10°-20°	837.7	5.3
20°-30°	1368.0	8.7
30°-40°	2016.2	12.8
40°-50°	2780.5	17.6
50°-60°	3512.6	22.2
60°-70°	3399.6	21.5
70°-80°	1213.3	7.7
80°-90°	360.3	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°	15803.6	100.0
0°-180°	15803.6	100.0



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REPORT NUMBER: P1457207
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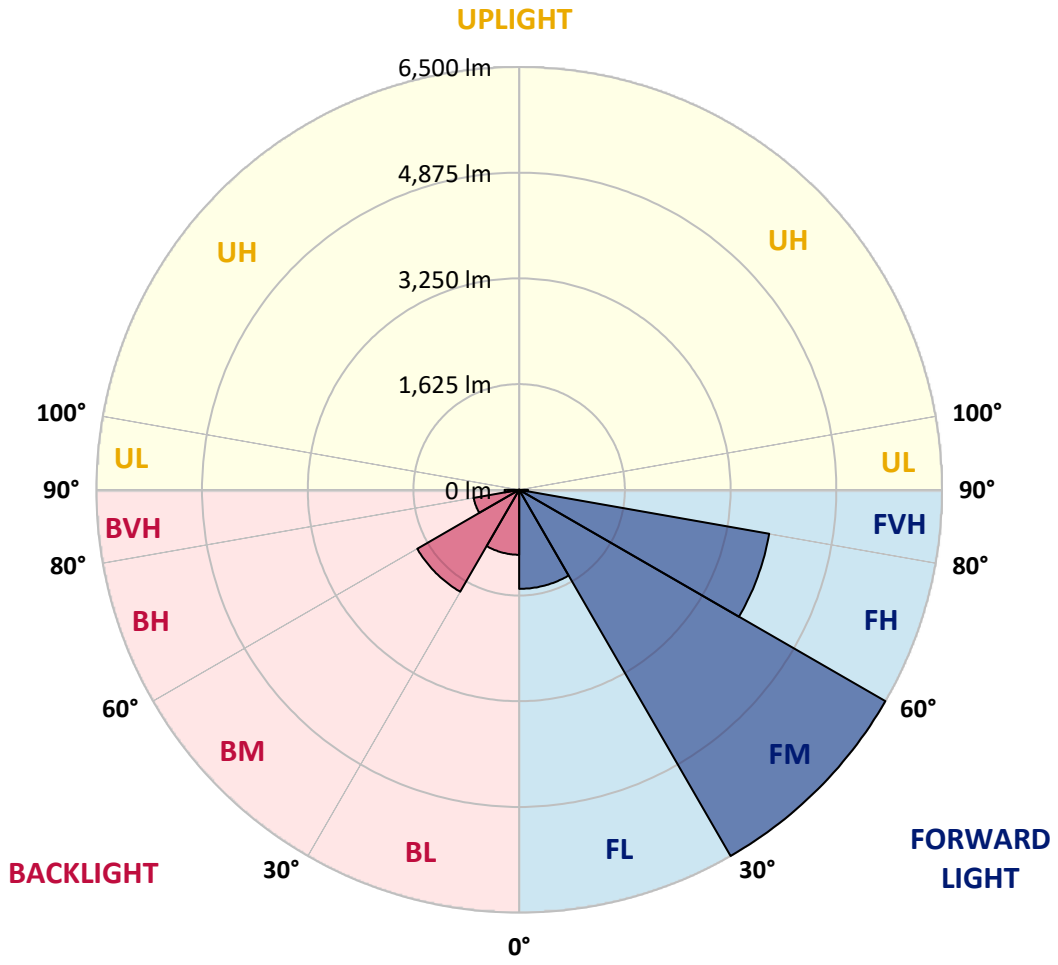
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1522.7	9.6			
FM	(30°-60°)	6500.5	41.1			
FH	(60°-80°)	3903.1	24.7			G2/5000
FVH	(80°-90°)	135.8	0.9			G2/225
BL	(0°-30°)	998.4	6.3	B2/1000		
BM	(30°-60°)	1808.8	11.4	B2/2500		
BH	(60°-80°)	709.7	4.5	B2/1000		G2/1000
BVH	(80°-90°)	224.5	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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REPORT NUMBER: P1457207
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	3610.8	3610.8	3610.8	3610.8	*3610.8*	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3747.6	3737.1	3726.6	3733.6	*3719.6*	3716.1	3698.5	3691.5	3670.5	3666.9	3628.3
5°	3824.8	3803.8	3800.3	3807.3	*3793.3*	3793.3	3779.2	3768.7	3737.1	3719.6	3663.4
7.5°	3824.8	3821.3	3828.4	3852.9	*3856.4*	3856.4	3856.4	3859.9	3828.4	3803.8	3716.1
10°	3607.3	3572.2	3649.4	3772.2	*3831.9*	3867.0	3930.1	3968.7	3944.2	3926.6	3807.3
12.5°	2958.1	2961.6	3084.4	3347.6	*3586.2*	3688.0	3951.2	4091.5	4102.1	4074.0	3923.1
15°	2509.0	2526.5	2589.7	2779.2	*3052.9*	3203.7	3828.4	4200.3	4284.5	4256.5	4063.5
17.5°	2372.1	2382.6	2410.7	2519.5	*2673.9*	2796.7	3495.0	4270.5	4505.6	4470.5	4221.4
20°	2351.1	2358.1	2393.2	2484.4	*2589.7*	2659.8	3154.6	4214.4	4712.6	4698.6	4365.2
22.5°	2354.6	2361.6	2407.2	2533.5	*2642.3*	2702.0	3045.8	4084.5	4930.2	4944.2	4512.6
25°	2361.6	2365.1	2435.3	2603.7	*2740.6*	2814.2	3116.0	3968.7	5112.7	5232.0	4674.0
27.5°	2400.2	2410.7	2505.5	2694.9	*2856.4*	2940.6	3280.9	4007.3	5312.7	5558.3	4867.0
30°	2505.5	2512.5	2628.3	2824.8	*3000.2*	3088.0	3477.5	4161.7	5558.3	5895.2	5056.5
32.5°	2670.4	2677.4	2810.7	3014.3	*3203.7*	3309.0	3733.6	4456.5	5832.0	6249.6	5246.0
35°	2898.5	2902.0	3052.9	3270.4	*3470.4*	3589.7	4031.9	4789.8	6116.2	6551.4	5386.4
37.5°	3168.7	3193.2	3347.6	3575.7	*3810.8*	3919.6	4382.8	5179.3	6368.9	6807.5	5467.1
40°	3540.6	3547.6	3698.5	3919.6	*4168.7*	4274.0	4733.7	5547.8	6646.1	6958.4	5540.8
42.5°	3923.1	3982.8	4109.1	4354.7	*4540.7*	4624.9	5133.7	5884.7	6867.2	6965.4	5509.2
45°	4435.4	4481.0	4607.4	4824.9	*5010.9*	5109.2	5565.3	6193.4	6979.5	6905.8	5439.0
47.5°	5021.4	5049.5	5151.3	5347.8	*5554.8*	5625.0	6014.5	6368.9	7021.6	6863.7	5407.4
50°	5712.7	5712.7	5786.4	5954.8	*6144.3*	6242.6	6428.6	6474.2	7144.4	6790.0	5488.1
52.5°	6295.2	6323.3	6421.5	6660.1	*6849.6*	6961.9	6751.4	6635.6	6895.3	6379.4	5512.7
55°	6853.1	6884.7	7105.8	7404.1	*7726.9*	7849.7	7154.9	6554.9	6056.6	5779.4	5344.3
57.5°	7386.5	7453.2	7730.4	8312.9	*8800.7*	8790.1	7667.2	5832.0	4944.2	5116.2	4975.8
60°	8130.4	8200.6	8642.8	9376.1	*9972.7*	9723.5	7674.3	4853.0	3852.9	4084.5	4284.5
62.5°	8751.5	8870.8	9520.0	10741.2	*11288.6*	10899.1	7039.1	3716.1	2558.1	2849.3	3312.5
65°	8695.4	8853.3	9860.4	11744.7	*12562.3*	12200.9	6109.2	2351.1	1319.4	1947.5	2319.5
67°	*7930.4*	*8102.4*	*9407.7*	*11779.8*	*13018.5*	*12246.5*	*5158.3*	*1421.2*	*838.7*	*1351.0*	*1610.6*
67.5°	7491.8	7744.4	9183.1	11713.2	*12934.3*	12053.5	4730.2	1189.6	789.5	1256.2	1466.8
70°	4607.4	5014.4	6891.7	10355.2	*11593.9*	10088.5	2628.3	673.7	642.2	842.2	1014.1
72.5°	1386.1	1508.9	2659.8	6642.6	*8509.4*	7477.8	1182.5	519.3	575.5	677.2	782.5
75°	673.7	719.4	1098.3	2716.0	*4144.2*	4123.1	659.7	445.6	533.4	568.5	617.6
77.5°	431.6	459.7	684.3	1519.4	*1898.4*	1691.4	477.2	389.5	473.7	466.7	459.7
80°	270.2	284.2	438.6	880.8	*1400.1*	1168.5	350.9	319.3	407.0	361.4	326.3
82.5°	175.5	193.0	280.7	536.9	*1000.1*	870.2	231.6	228.1	336.9	287.7	252.7
85°	115.8	129.8	179.0	315.8	*593.0*	621.1	150.9	157.9	259.7	217.6	193.0
87.5°	42.1	52.6	91.2	140.4	*277.2*	343.9	63.2	59.7	126.3	101.8	80.7
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: P1457207
CATALOG NUMBER: GLAN-SB4A-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3621.3	3610.8	3561.7	3519.6	3488.0	3445.9	3400.3	3347.6	3312.5	3319.5	3309.0
5°	3638.9	3610.8	3516.1	3372.2	3231.8	3056.4	2831.8	2698.4	2596.7	2544.1	2558.1
7.5°	3677.5	3628.3	3428.3	3137.1	2772.1	2414.2	2193.1	2066.8	2007.2	1982.6	1979.1
10°	3744.1	3659.9	3316.0	2772.1	2294.9	2052.8	1972.1	1937.0	1930.0	1930.0	1926.5
12.5°	3824.8	3691.5	3126.5	2417.7	2066.8	1979.1	1965.1	1968.6	1979.1	1989.6	1972.1
15°	3923.1	3705.5	2891.4	2203.7	2021.2	2000.1	2021.2	2045.8	2063.3	2077.3	2059.8
17.5°	4021.4	3691.5	2670.4	2101.9	2028.2	2056.3	2098.4	2137.0	2147.5	2168.6	2154.5
20°	4091.5	3642.4	2480.9	2063.3	2045.8	2108.9	2161.6	2203.7	2224.7	2238.8	2224.7
22.5°	4144.2	3579.2	2344.0	2024.7	2045.8	2123.0	2186.1	2235.3	2259.8	2273.9	2256.3
25°	4189.8	3491.5	2238.8	1968.6	2003.7	2077.3	2147.5	2196.7	2231.7	2252.8	2242.3
27.5°	4245.9	3421.3	2140.5	1884.4	1915.9	1986.1	2059.8	2119.5	2186.1	2221.2	2214.2
30°	4309.1	3386.2	2045.8	1793.1	1814.2	1884.4	1972.1	2052.8	2144.0	2189.6	2189.6
32.5°	4382.8	3361.7	1958.0	1705.4	1722.9	1800.1	1884.4	1958.0	2056.3	2130.0	2126.5
35°	4414.4	3333.6	1887.9	1624.7	1659.8	1722.9	1789.6	1838.7	1940.5	2028.2	2035.2
37.5°	4445.9	3323.1	1852.8	1561.5	1589.6	1638.7	1673.8	1698.4	1793.1	1884.4	1887.9
40°	4484.5	3372.2	1877.3	1519.4	1494.8	1544.0	1561.5	1575.6	1624.7	1684.3	1684.3
42.5°	4460.0	3407.3	1933.5	1480.8	1379.1	1435.2	1442.2	1438.7	1442.2	1445.7	1442.2
45°	4396.8	3372.2	1933.5	1421.2	1256.2	1315.9	1312.4	1294.8	1266.8	1193.1	1182.5
47.5°	4382.8	3351.1	1859.8	1322.9	1133.4	1182.5	1189.6	1154.5	1073.8	996.6	972.0
50°	4442.4	3389.7	1744.0	1203.6	1028.1	1070.3	1087.8	1028.1	936.9	856.2	842.2
52.5°	4530.2	3438.9	1575.6	1073.8	940.4	982.5	1003.6	936.9	842.2	779.0	772.0
55°	4519.6	3438.9	1386.1	954.5	873.7	905.3	940.4	870.2	796.6	761.5	758.0
57.5°	4291.5	3309.0	1245.7	870.2	810.6	838.7	884.3	817.6	747.4	754.4	765.0
60°	3845.9	2972.2	1140.4	814.1	754.4	782.5	831.6	754.4	663.2	638.6	638.6
62.5°	3168.7	2449.3	1056.2	758.0	701.8	736.9	761.5	659.7	600.0	572.0	572.0
65°	2375.6	1894.9	968.5	712.3	656.2	694.8	666.7	617.6	557.9	536.9	540.4
67°	*1761.5*	*1470.3*	*894.8*	*673.7*	*628.1*	*645.7*	*624.6*	*589.5*	*529.9*	*512.3*	*529.9*
67.5°	1582.6	1396.6	877.3	663.2	621.1	635.1	614.1	586.0	522.8	505.3	522.8
70°	1087.8	1073.8	782.5	614.1	582.5	568.5	579.0	543.9	491.3	484.2	501.8
72.5°	828.1	856.2	701.8	572.0	540.4	522.8	547.4	512.3	459.7	470.2	487.8
75°	649.2	691.3	628.1	512.3	491.3	494.8	543.9	529.9	487.8	498.3	501.8
77.5°	480.7	557.9	536.9	445.6	428.1	477.2	614.1	656.2	582.5	565.0	540.4
80°	350.9	400.0	452.7	368.4	357.9	459.7	758.0	838.7	719.4	649.2	631.6
82.5°	259.7	280.7	372.0	294.8	259.7	410.6	842.2	986.0	856.2	722.9	701.8
85°	186.0	217.6	294.8	217.6	171.9	336.9	824.6	965.0	849.2	684.3	666.7
87.5°	66.7	94.7	126.3	98.3	87.7	231.6	680.8	694.8	529.9	242.1	245.6
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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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

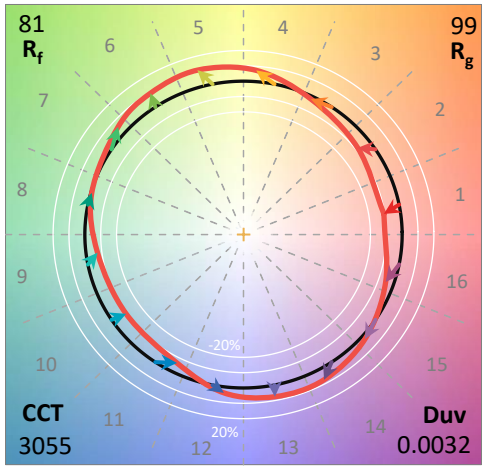
Test Information

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

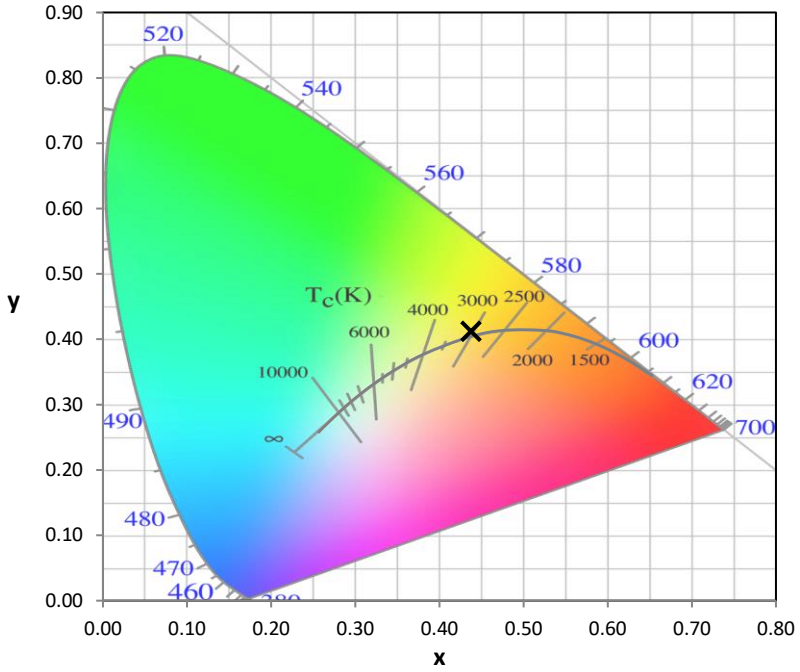
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

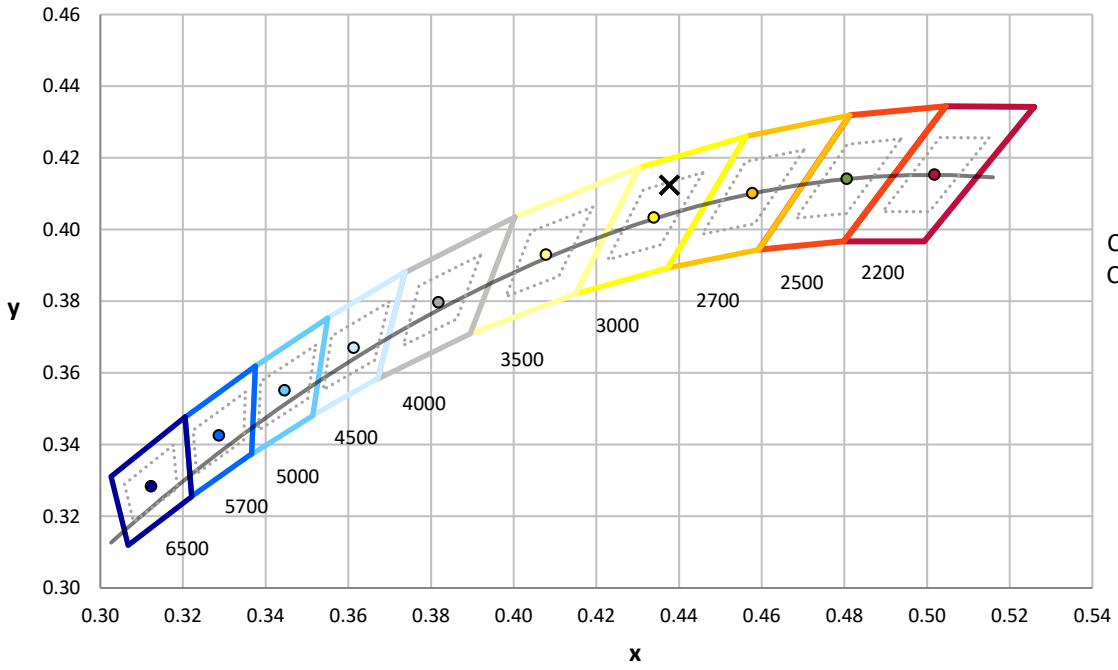
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

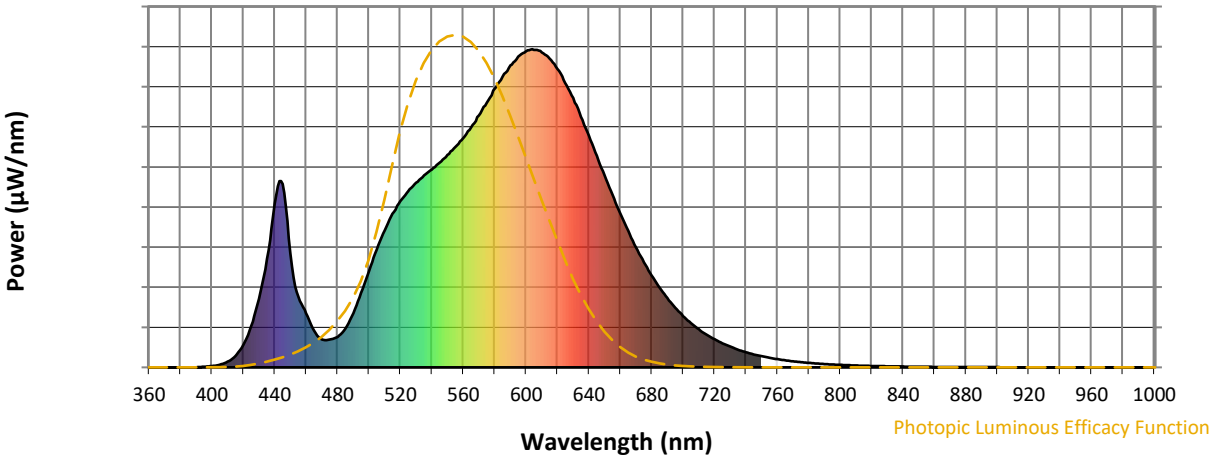


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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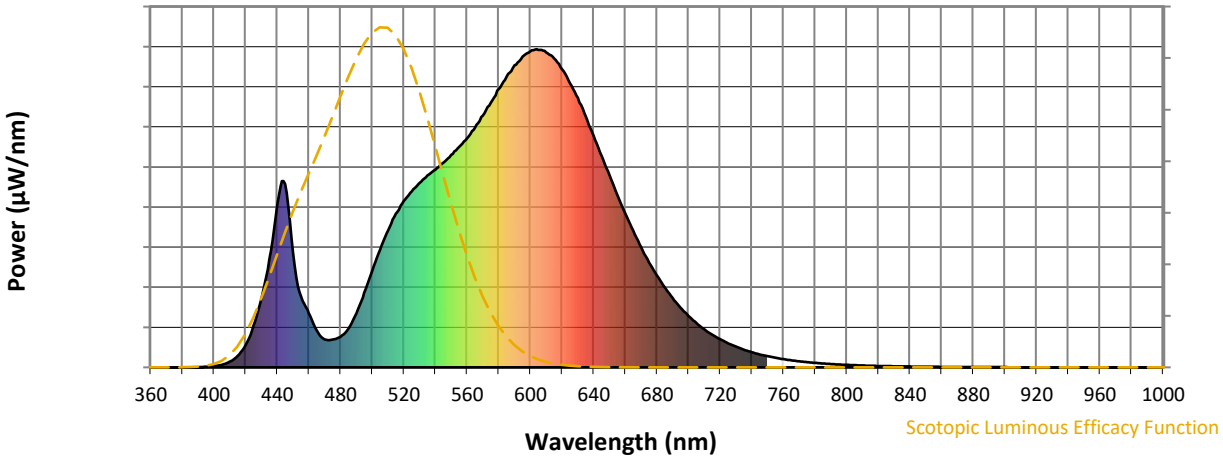
Scotopic Flux vs. Wavelength



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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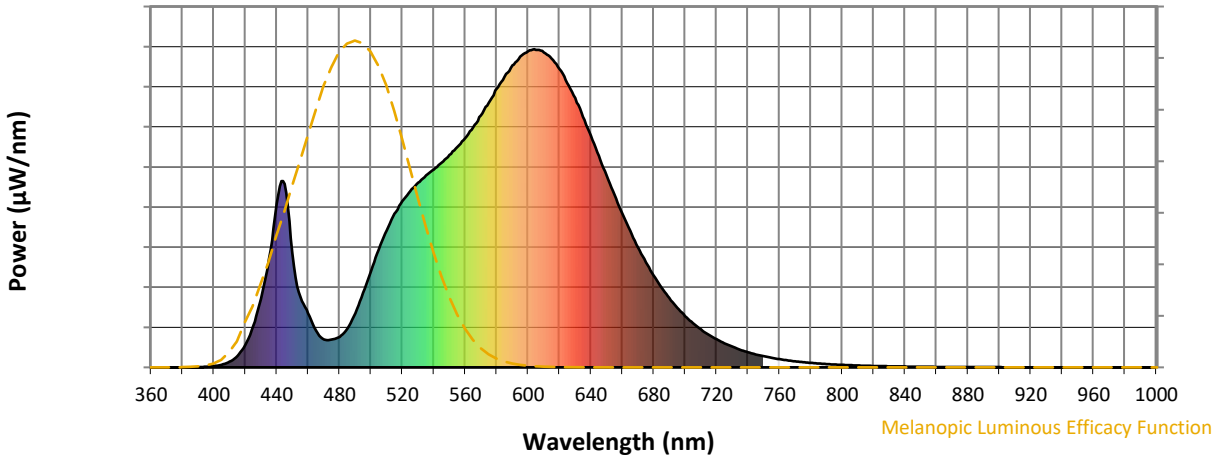
Melanopic Flux vs. Wavelength



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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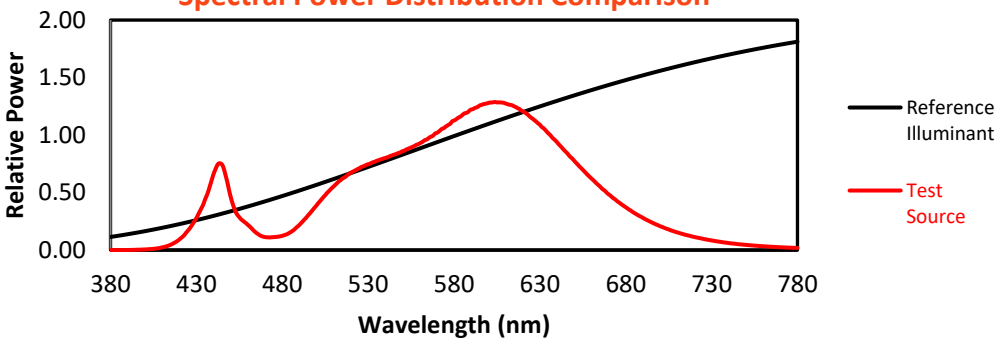
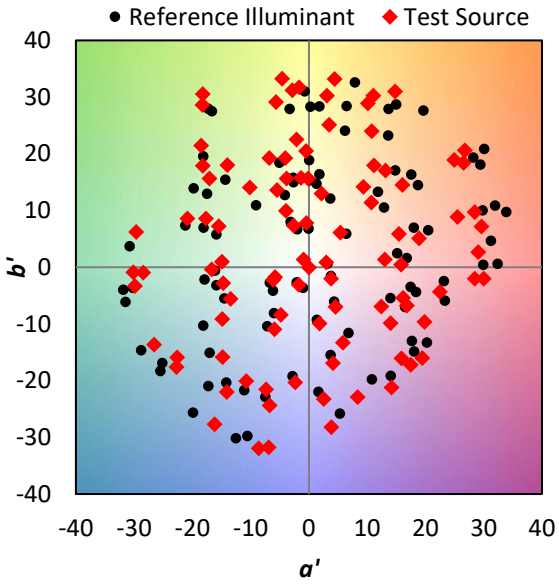
Summary

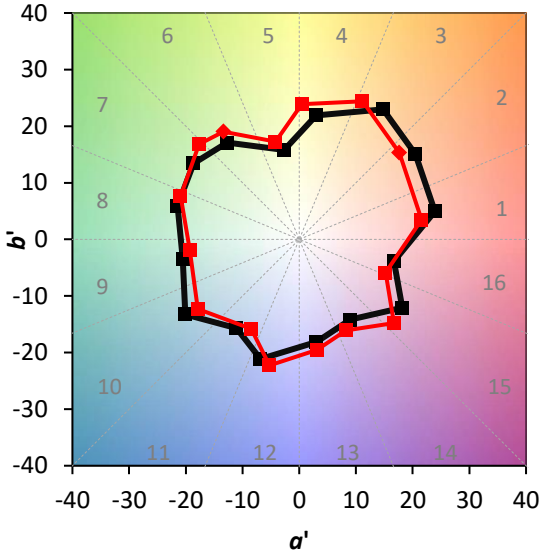
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

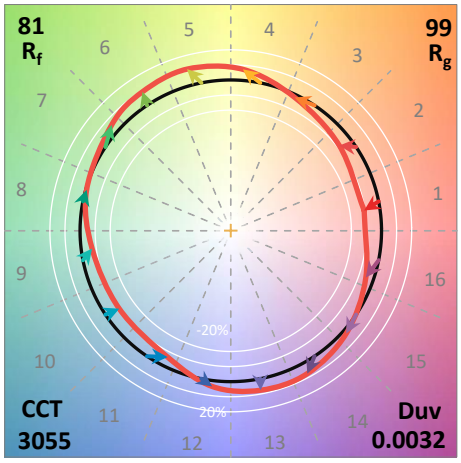
Spectral Power Distribution Comparison

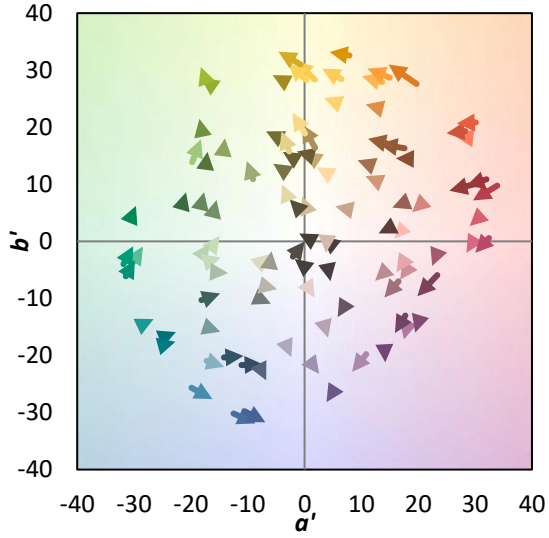


Color Vector Graphics









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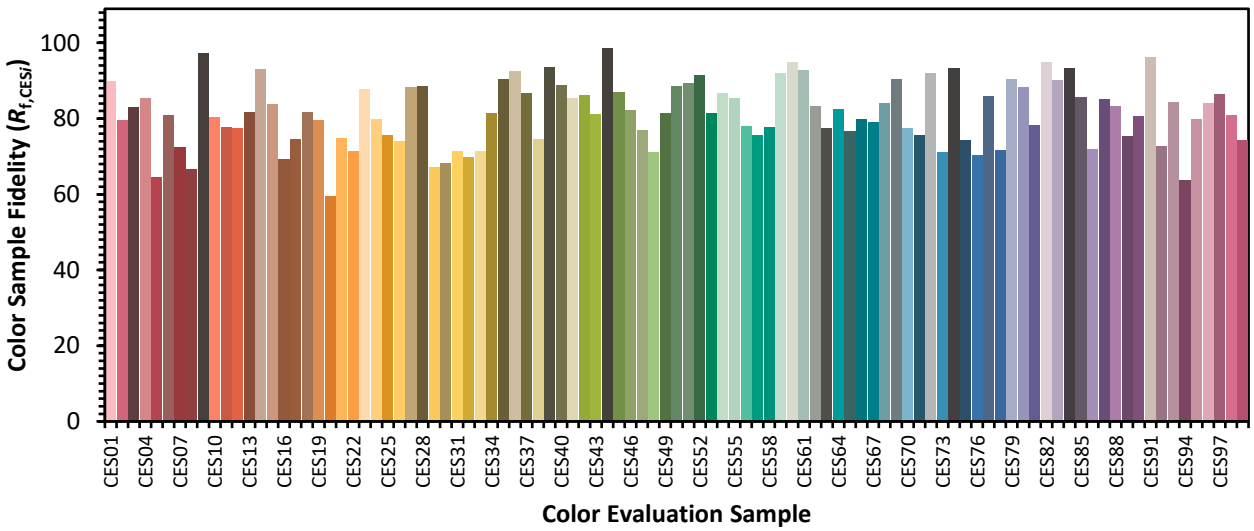
Individual Sample Fidelity Index ($R_{f,i}$)

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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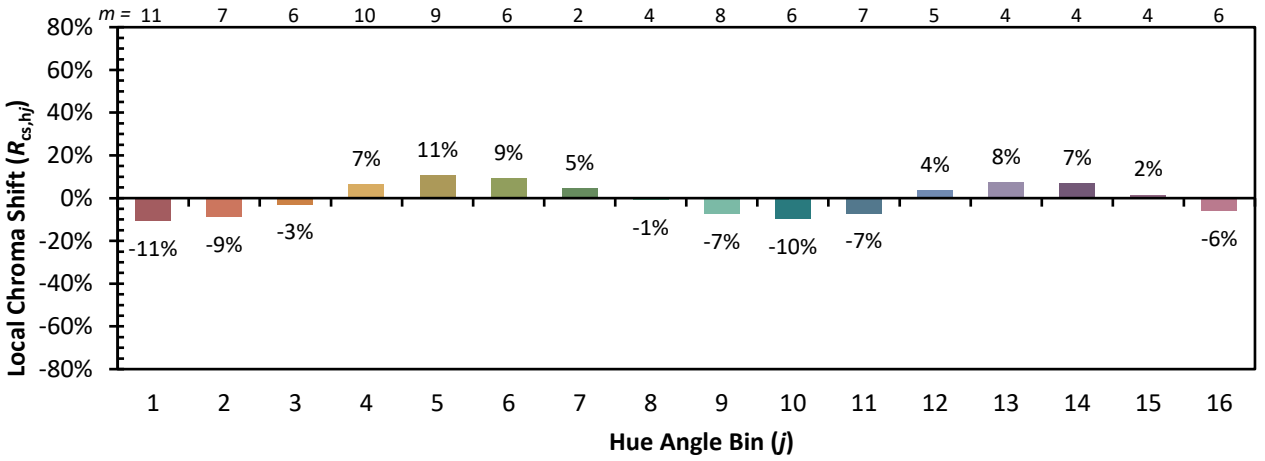
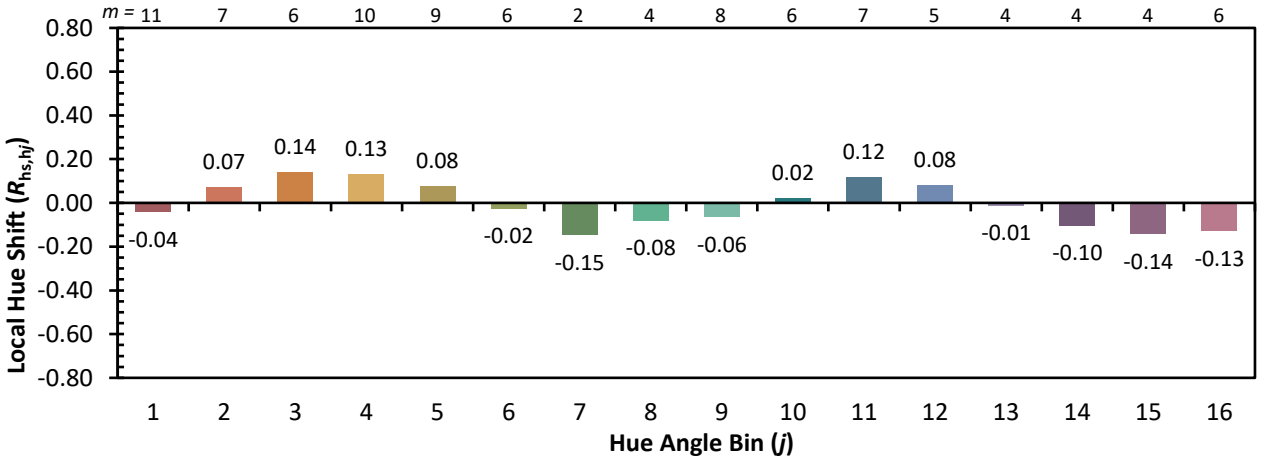
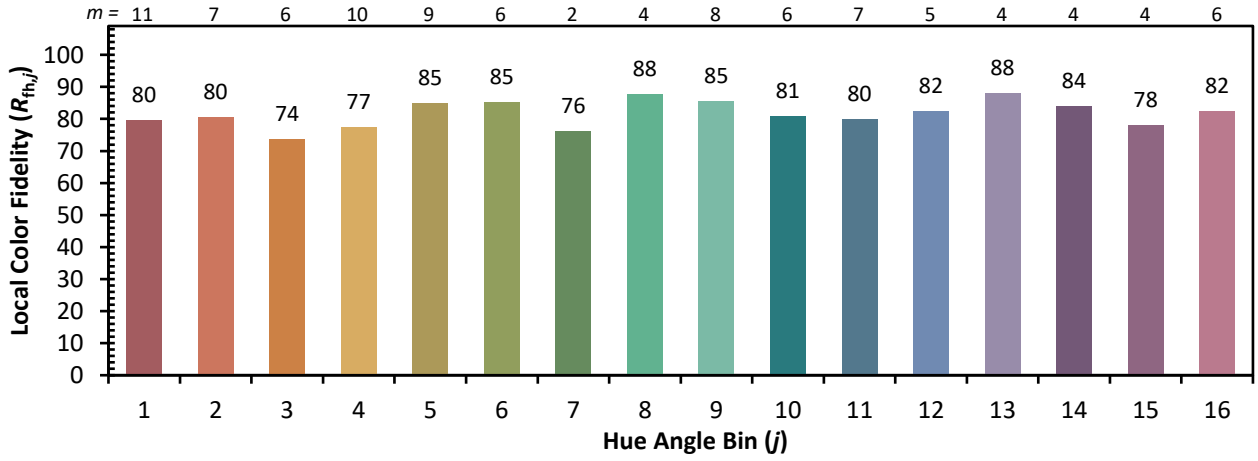
Color Rendition by Hue-Angle Bin







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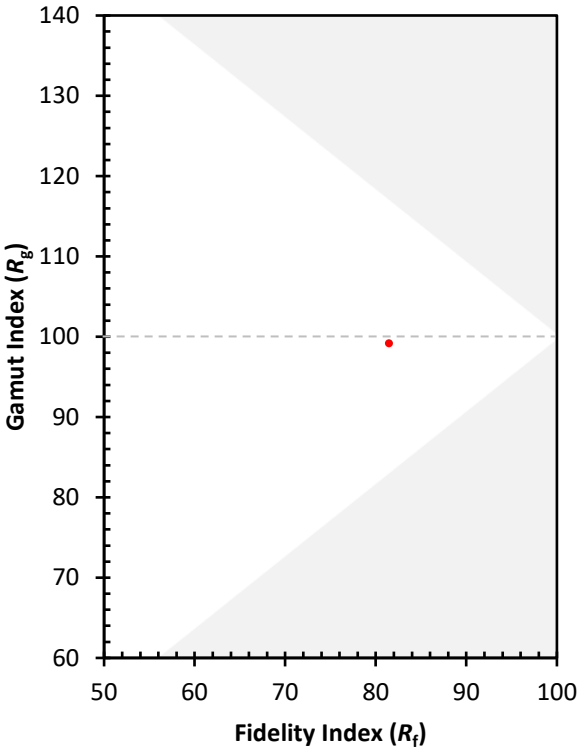
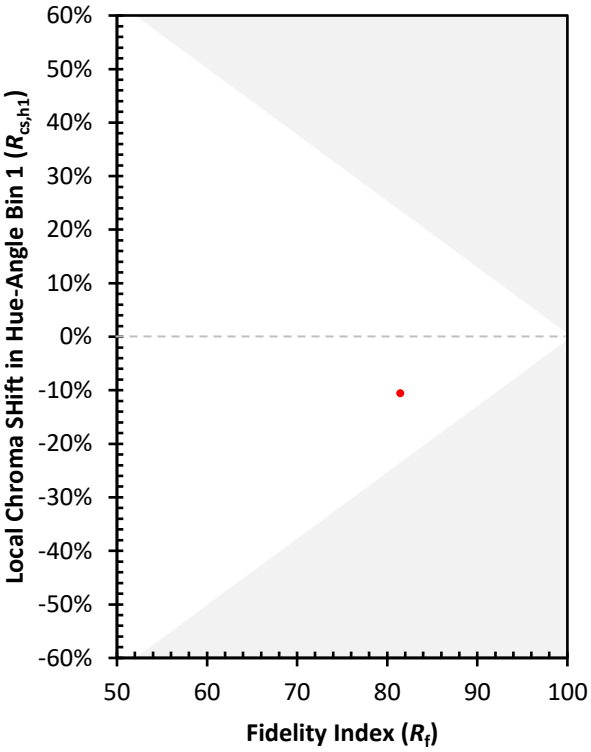
Measure Comparisons





(END OF REPORT)