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: P1458931

Luminaire Tested: GLAN-SB3A-830-U-T4LG-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:	P1458931
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8766.1 lumens
Efficiency:	N/A
Efficacy:	103.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
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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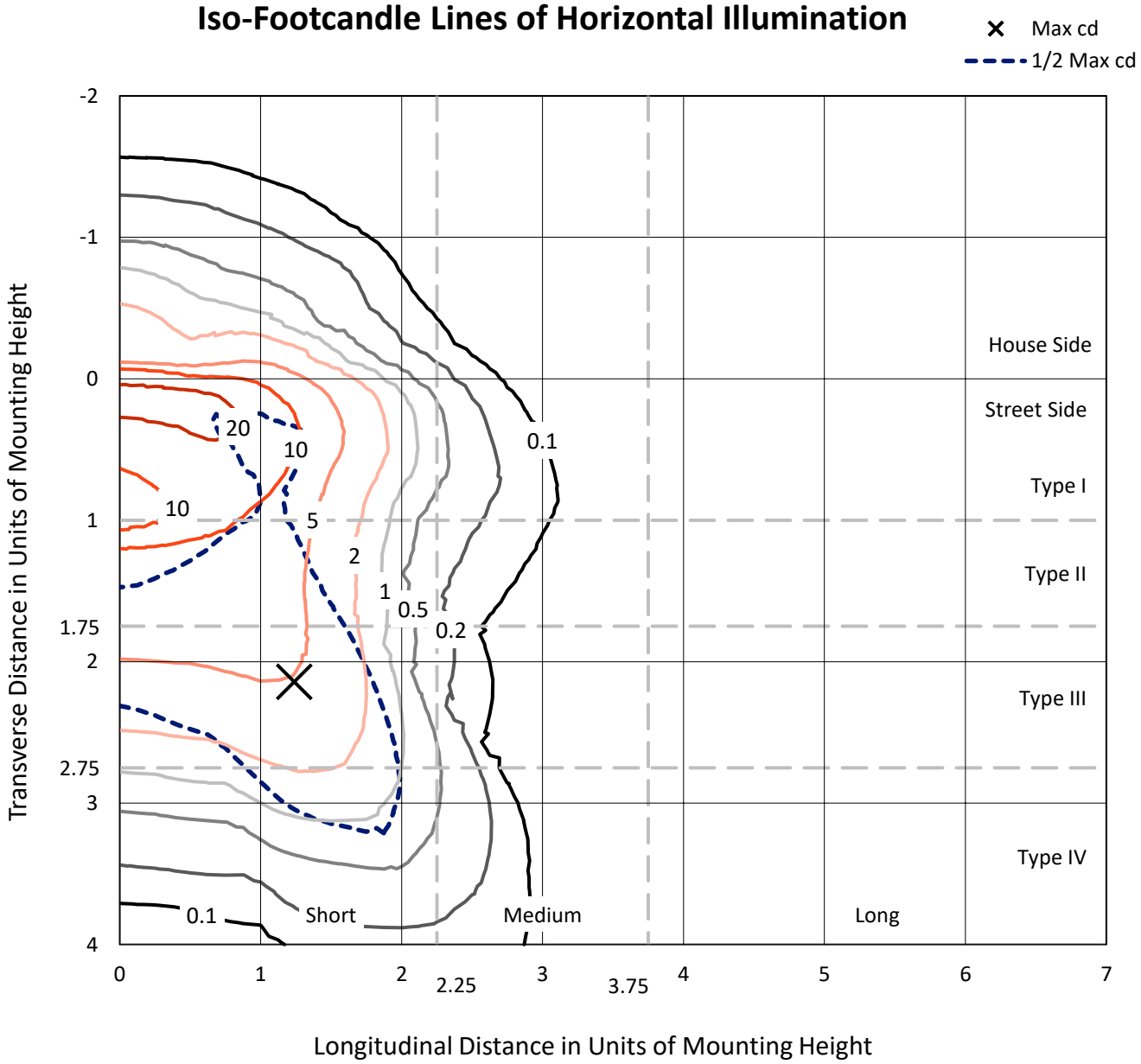
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 26.4 fc
Type IV - Short - N/A

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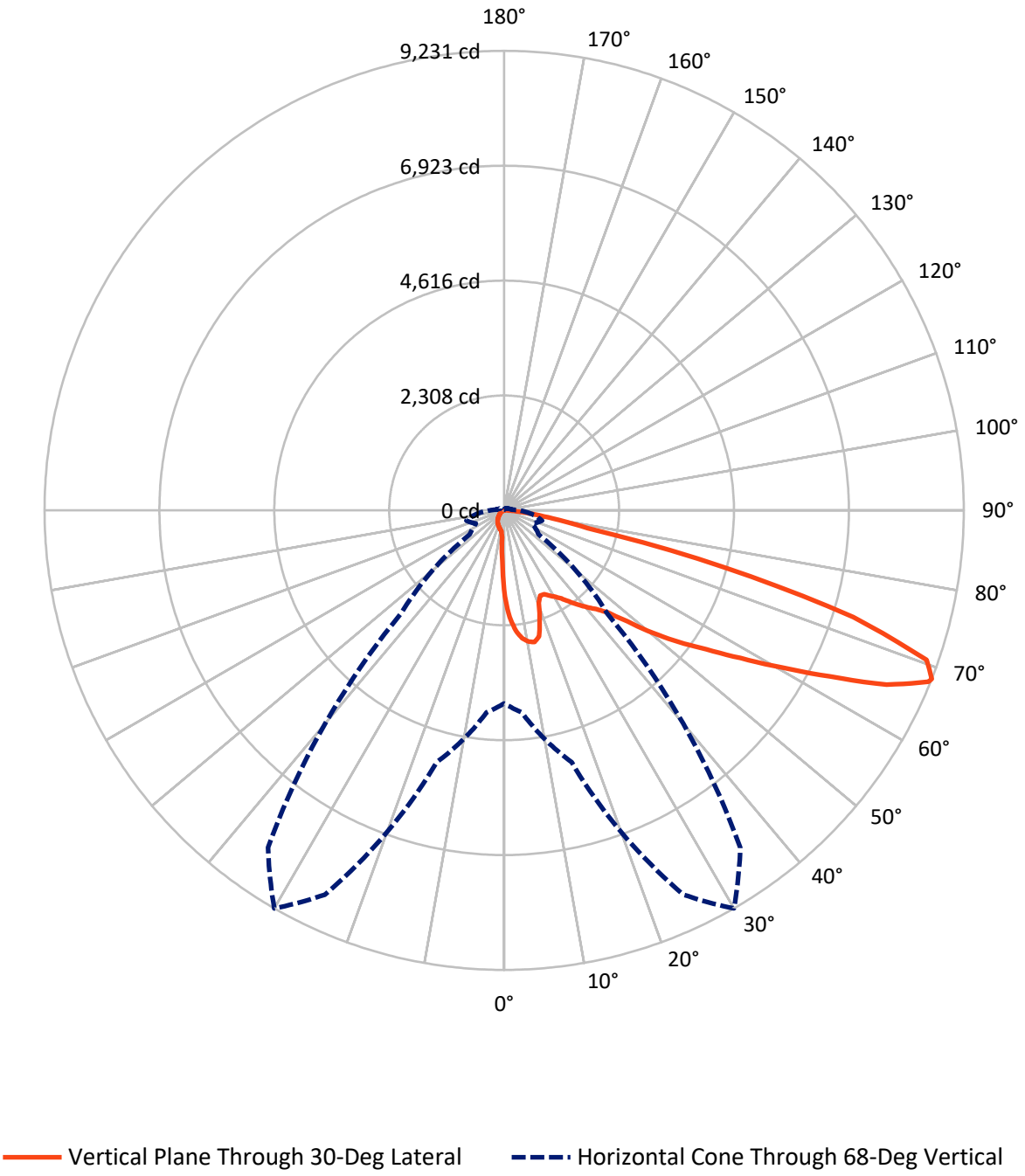
Luminous Intensity Polar Plot



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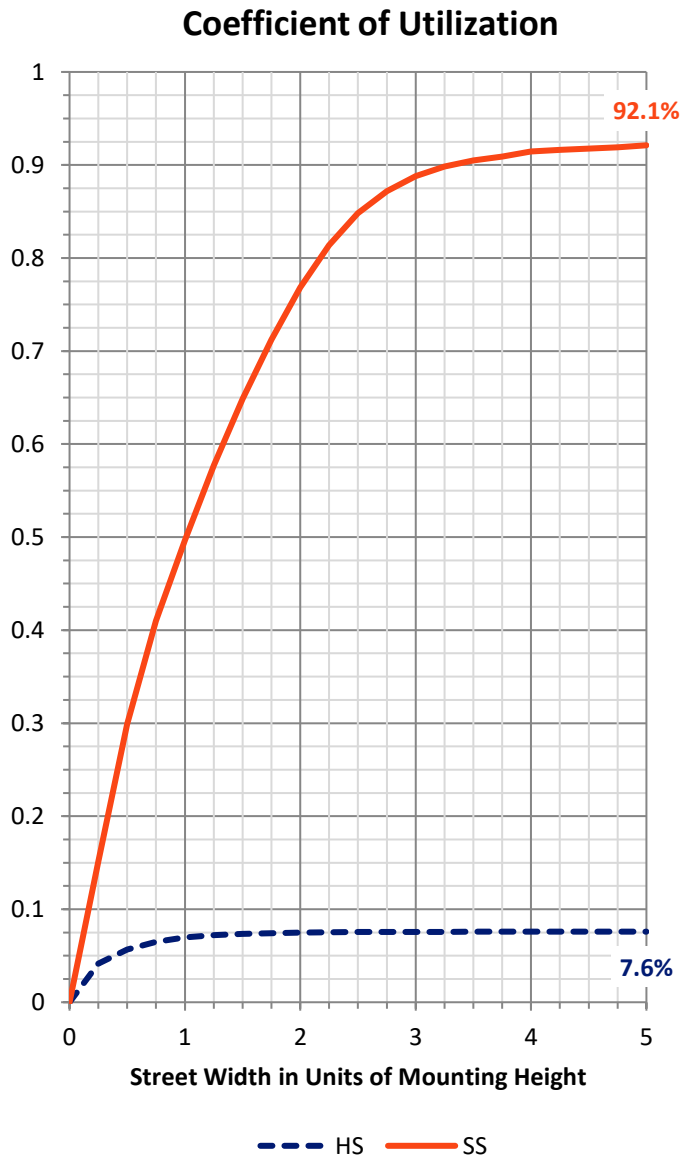
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	669.1	0.0	669.1
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	8097.1	0.0	8097.1
	% Fixture	92.4	0.0	92.4
Total	Lumens	8766.1	0.0	8766.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	1.7
10°-20°	425.8	4.9
20°-30°	669.2	7.6
30°-40°	1049.5	12.0
40°-50°	1568.8	17.9
50°-60°	2087.0	23.8
60°-70°	2017.5	23.0
70°-80°	725.2	8.3
80°-90°	74.0	0.8
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°	8766.1	100.0
0°-180°	8766.1	100.0



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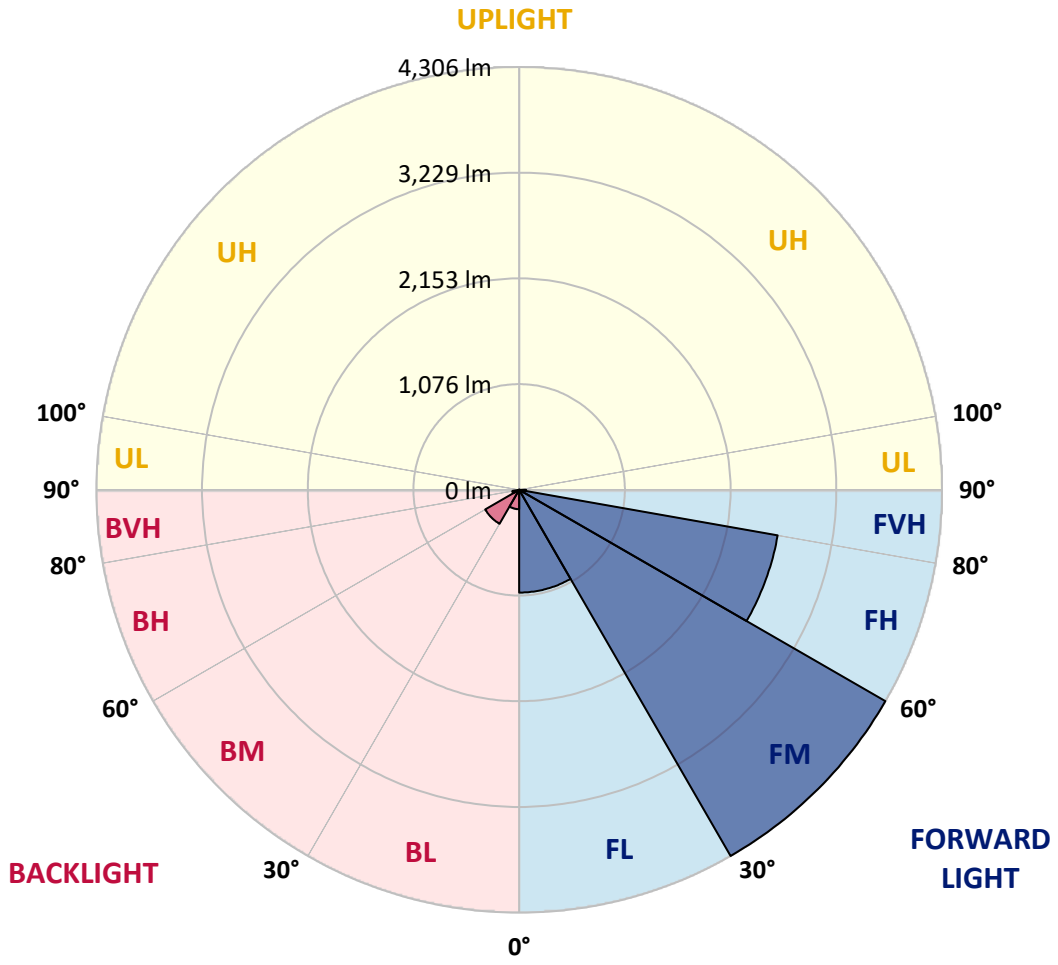
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1046.7	11.9			
FM	(30°-60°)	4305.9	49.1			
FH	(60°-80°)	2673.1	30.5			G2/5000
FVH	(80°-90°)	71.4	0.8			G1/100
BL	(0°-30°)	197.5	2.3	B1/500		
BM	(30°-60°)	399.4	4.6	B1/1000		
BH	(60°-80°)	69.6	0.8	B0/110		G0/110
BVH	(80°-90°)	2.6	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1728.6	1728.6	1728.6	1728.6	*1728.6*	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6
2.5°	2209.3	2209.3	2193.6	2172.5	*2148.9*	2141.0	2096.4	2033.3	1967.6	1891.5	1781.1
5°	2493.0	2490.4	2458.9	2458.9	*2427.4*	2398.5	2353.8	2261.9	2156.8	2020.2	1828.4
7.5°	2619.1	2624.4	2611.3	2611.3	*2592.9*	2571.9	2545.6	2456.3	2332.8	2148.9	1875.7
10°	2663.8	2666.4	2666.4	2684.8	*2679.6*	2676.9	2674.3	2624.4	2495.7	2280.3	1925.6
12.5°	2556.1	2569.2	2606.0	2687.4	*2713.7*	2742.6	2782.0	2766.2	2676.9	2445.8	2001.8
15°	2209.3	2211.9	2314.4	2516.7	*2624.4*	2734.7	2887.1	2918.6	2860.8	2624.4	2080.6
17.5°	1823.2	1831.0	1912.5	2138.4	*2311.8*	2566.6	2947.5	3076.2	3055.2	2800.4	2154.2
20°	1662.9	1673.4	1712.8	1854.7	*1986.0*	2222.5	2887.1	3226.0	3233.9	2976.4	2222.5
22.5°	1626.1	1634.0	1665.5	1775.9	*1857.3*	2014.9	2682.2	3344.2	3436.1	3178.7	2303.9
25°	1615.6	1623.5	1670.8	1791.6	*1867.8*	1999.2	2495.7	3407.2	3675.2	3388.9	2382.7
27.5°	1607.7	1618.2	1694.4	1849.4	*1938.7*	2064.8	2461.5	3420.4	3903.7	3612.1	2511.4
30°	1618.2	1634.0	1733.8	1909.8	*2012.3*	2154.2	2543.0	3433.5	4155.9	3867.0	2674.3
32.5°	1660.3	1673.4	1794.3	1991.3	*2109.5*	2269.7	2682.2	3512.3	4395.0	4127.0	2829.3
35°	1707.6	1726.0	1870.4	2106.9	*2248.7*	2430.0	2871.3	3667.3	4623.6	4374.0	2989.5
37.5°	1765.4	1786.4	1959.8	2238.2	*2401.1*	2606.0	3076.2	3882.7	4825.8	4576.3	3149.8
40°	1844.2	1867.8	2062.2	2377.5	*2553.5*	2758.4	3278.5	4095.5	4980.8	4697.1	3254.9
42.5°	2154.2	2185.7	2267.1	2514.1	*2711.1*	2921.2	3478.2	4297.8	5038.6	4736.5	3275.9
45°	2732.1	2763.6	2742.6	2789.9	*2921.2*	3118.3	3696.2	4492.2	5046.5	4726.0	3265.4
47.5°	3312.7	3349.4	3331.1	3304.8	*3333.7*	3428.3	3940.5	4615.7	5004.5	4720.8	3265.4
50°	3867.0	3846.0	3848.6	3840.7	*3867.0*	3916.9	4177.0	4639.3	4994.0	4770.7	3294.3
52.5°	4163.8	4174.3	4240.0	4337.2	*4395.0*	4444.9	4447.5	4676.1	4917.8	4686.6	3260.1
55°	4455.4	4476.4	4628.8	4794.3	*4923.0*	5017.6	4718.1	4652.4	4463.3	4405.5	3081.5
57.5°	4783.8	4812.7	5028.1	5369.6	*5595.5*	5645.5	4986.1	4211.1	3777.7	4003.6	2734.7
60°	5235.6	5269.8	5556.1	6068.4	*6404.7*	6302.2	5007.1	3509.7	3000.1	3323.2	2256.6
62.5°	5590.3	5658.6	6176.1	6974.7	*7345.1*	7019.4	4615.7	2690.1	2096.4	2335.4	1647.1
65°	5212.0	5343.4	6186.6	8012.4	*8440.6*	7862.7	4000.9	1836.3	1182.2	1510.5	1053.4
67.5°	4213.7	4397.6	5493.1	8516.8	*9191.9*	8306.6	3149.8	974.6	677.8	877.4	554.3
68°	*3877.5*	*4077.1*	*5238.3*	*8516.8*	*9231.3*	*8267.2*	*2923.9*	*843.3*	*625.2*	*788.1*	*480.7*
70°	2679.6	2821.4	4027.2	8038.7	*9000.2*	7536.9	1925.6	483.4	470.2	541.2	317.9
72.5°	1313.5	1465.9	2154.2	6370.5	*7332.0*	5792.6	877.4	320.5	357.3	396.7	249.6
75°	522.8	554.3	848.5	3141.9	*4581.5*	3696.2	459.7	241.7	307.4	310.0	197.0
77.5°	299.5	317.9	470.2	1155.9	*1718.1*	1652.4	296.9	173.4	244.3	223.3	128.7
80°	168.1	170.8	265.3	609.5	*982.5*	880.1	202.3	126.1	186.5	157.6	86.7
82.5°	84.1	94.6	168.1	336.3	*546.4*	559.6	107.7	89.3	149.7	113.0	70.9
85°	60.4	65.7	120.8	186.5	*252.2*	378.3	65.7	44.7	113.0	76.2	49.9
87.5°	31.5	39.4	76.2	91.9	*102.5*	128.7	31.5	21.0	63.0	44.7	26.3
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: P1458931
CATALOG NUMBER: GLAN-SB3A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6
2.5°	1728.6	1668.2	1544.7	1400.2	1287.2	1171.6	1077.1	987.8	945.7	940.5	951.0
5°	1720.7	1589.3	1308.3	1032.4	806.5	648.9	562.2	517.5	493.9	483.4	486.0
7.5°	1704.9	1505.3	1056.1	698.8	522.8	454.5	433.5	425.6	422.9	422.9	422.9
10°	1689.2	1392.3	809.1	512.3	428.2	409.8	404.6	404.6	401.9	401.9	404.6
12.5°	1681.3	1287.2	627.9	428.2	399.3	391.4	386.2	383.5	383.5	383.5	386.2
15°	1662.9	1171.6	507.0	396.7	380.9	370.4	367.8	365.2	365.2	365.2	365.2
17.5°	1647.1	1058.7	441.3	375.7	362.5	352.0	349.4	346.8	346.8	349.4	349.4
20°	1623.5	951.0	396.7	354.6	344.1	333.6	331.0	328.4	331.0	331.0	331.0
22.5°	1594.6	861.7	370.4	338.9	325.8	315.2	315.2	315.2	315.2	315.2	317.9
25°	1576.2	798.6	352.0	320.5	307.4	299.5	296.9	296.9	302.1	302.1	304.7
27.5°	1605.1	782.9	354.6	315.2	291.6	283.7	281.1	281.1	286.3	289.0	291.6
30°	1691.8	811.7	386.2	331.0	281.1	268.0	265.3	265.3	273.2	275.8	278.5
32.5°	1791.6	872.2	433.5	352.0	273.2	252.2	246.9	246.9	254.8	257.4	260.1
35°	1928.2	966.7	496.5	370.4	278.5	236.4	225.9	225.9	231.2	236.4	239.1
37.5°	2104.2	1121.7	570.1	383.5	278.5	218.0	204.9	202.3	207.5	207.5	210.2
40°	2288.1	1324.0	646.2	383.5	265.3	199.7	186.5	178.6	181.3	178.6	181.3
42.5°	2390.6	1486.9	711.9	359.9	249.6	181.3	168.1	157.6	155.0	149.7	152.4
45°	2448.4	1560.4	693.5	333.6	233.8	168.1	152.4	139.2	134.0	126.1	126.1
47.5°	2448.4	1568.3	593.7	312.6	218.0	157.6	136.6	123.5	115.6	107.7	110.3
50°	2419.5	1497.4	470.2	291.6	199.7	147.1	123.5	113.0	102.5	97.2	97.2
52.5°	2298.6	1266.2	359.9	265.3	178.6	134.0	110.3	99.8	89.3	86.7	86.7
55°	2091.1	930.0	291.6	239.1	160.2	123.5	99.8	91.9	81.4	76.2	76.2
57.5°	1699.7	635.7	241.7	215.4	141.9	110.3	89.3	81.4	68.3	63.0	63.0
60°	1261.0	415.1	204.9	189.1	120.8	99.8	78.8	68.3	57.8	52.5	49.9
62.5°	851.2	281.1	170.8	149.7	102.5	86.7	68.3	57.8	44.7	34.2	34.2
65°	530.7	218.0	141.9	118.2	89.3	76.2	57.8	44.7	31.5	23.6	21.0
67.5°	304.7	176.0	115.6	91.9	76.2	60.4	44.7	36.8	26.3	18.4	15.8
68°	*281.1*	*168.1*	*107.7*	*86.7*	*70.9*	*57.8*	*42.0*	*34.2*	*23.6*	*15.8*	*15.8*
70°	228.6	149.7	91.9	70.9	60.4	47.3	36.8	28.9	18.4	10.5	10.5
72.5°	202.3	126.1	78.8	55.2	42.0	39.4	28.9	21.0	13.1	7.9	5.3
75°	165.5	99.8	63.0	42.0	28.9	28.9	21.0	13.1	5.3	0.0	0.0
77.5°	107.7	73.6	49.9	26.3	15.8	18.4	13.1	5.3	0.0	0.0	0.0
80°	70.9	55.2	34.2	13.1	7.9	7.9	2.6	0.0	0.0	0.0	0.0
82.5°	49.9	36.8	21.0	5.3	2.6	2.6	0.0	0.0	0.0	0.0	0.0
85°	31.5	15.8	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	5.3	2.6	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

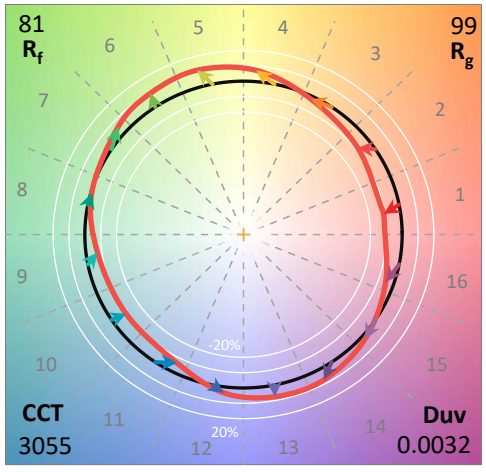
Test Information

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

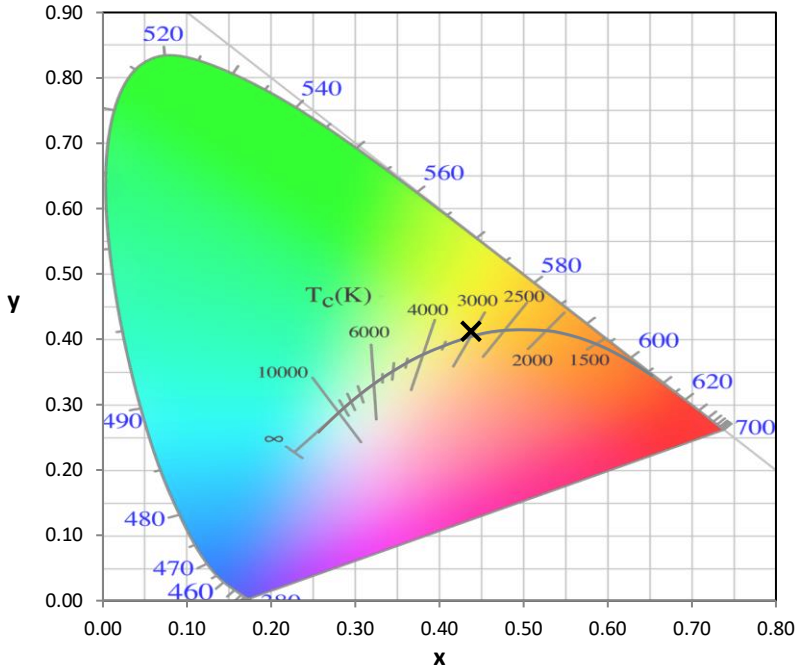
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

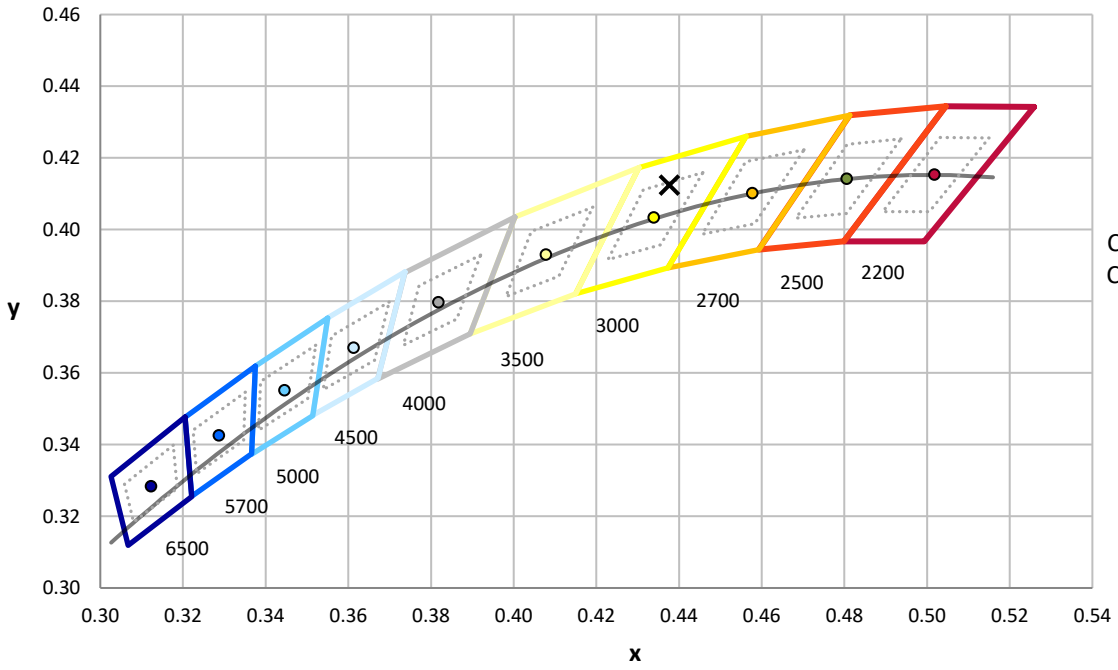
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

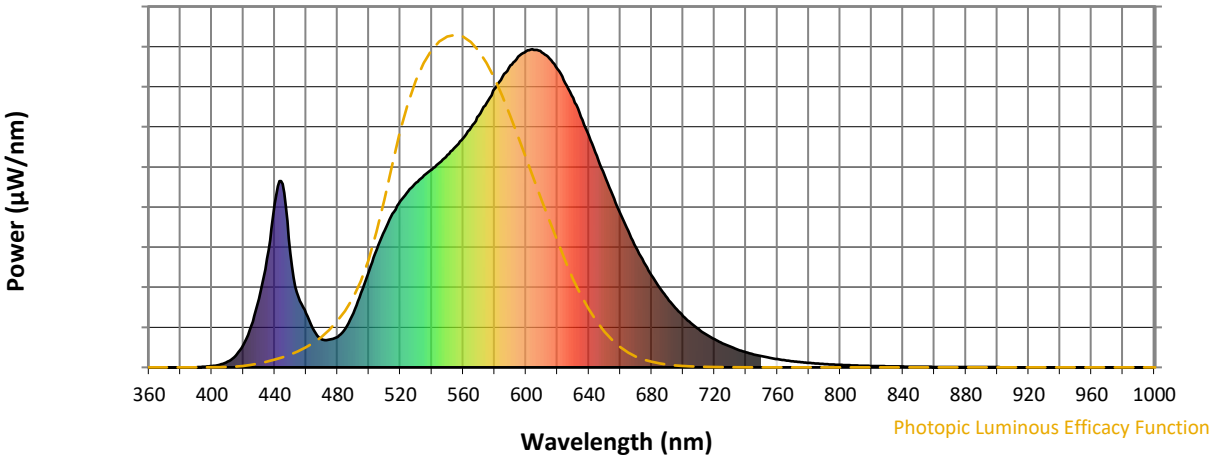


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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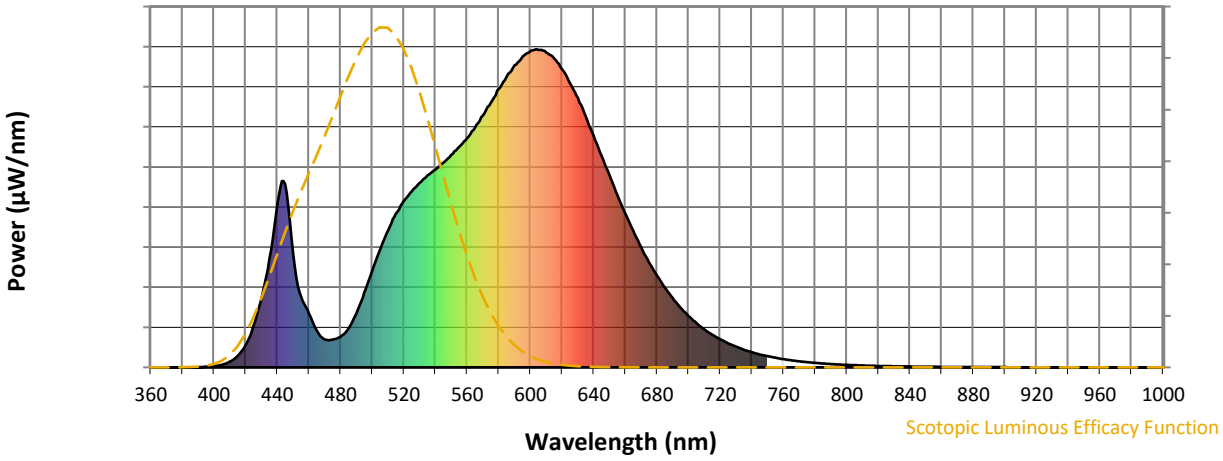
Scotopic Flux vs. Wavelength



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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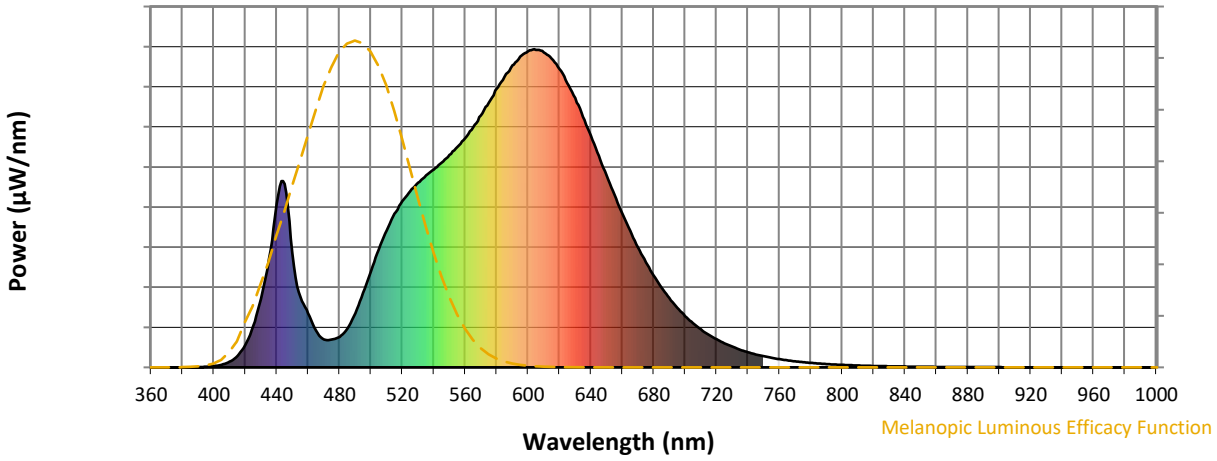
Melanopic Flux vs. Wavelength



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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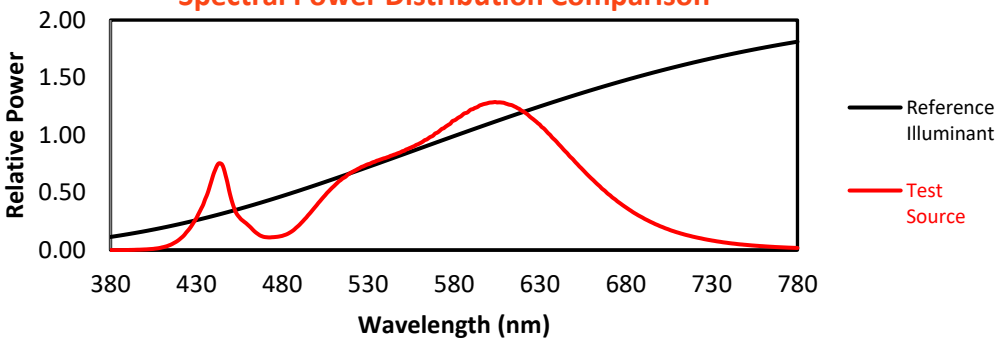
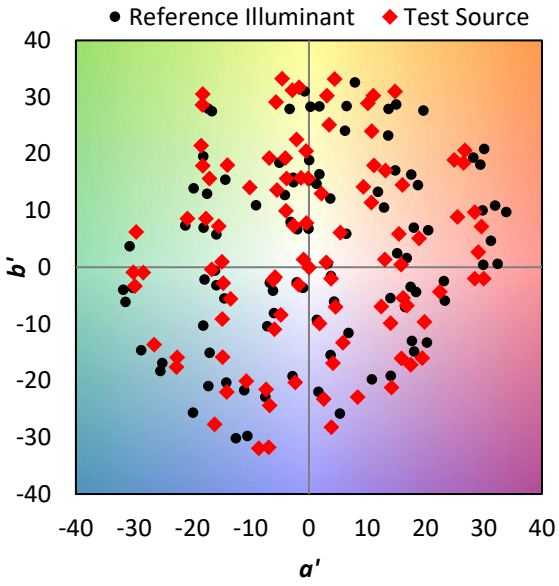
Summary

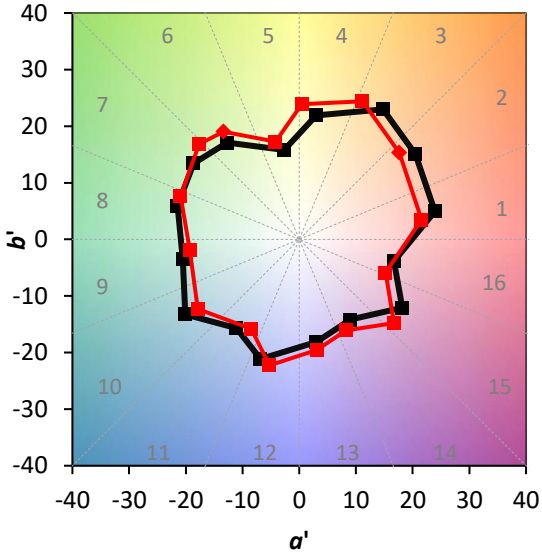
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

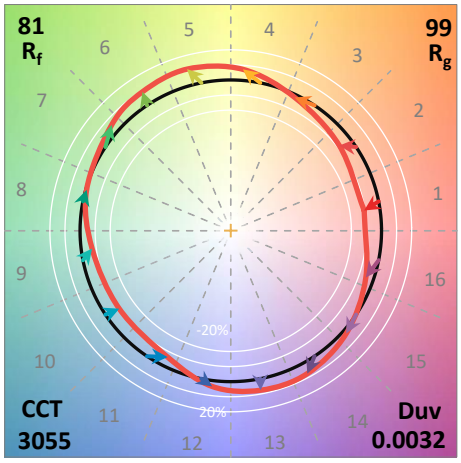
Spectral Power Distribution Comparison

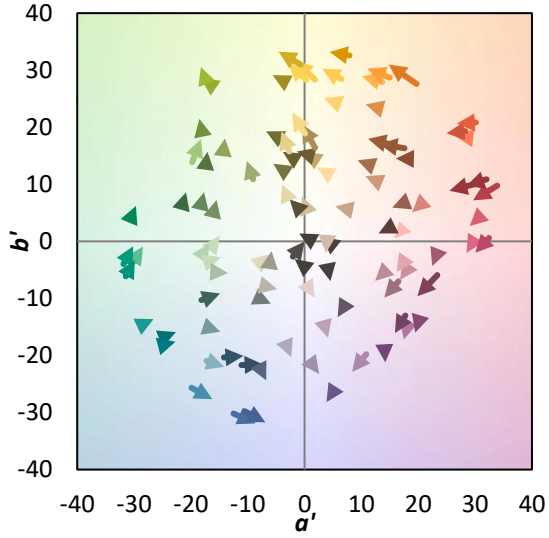


Color Vector Graphics









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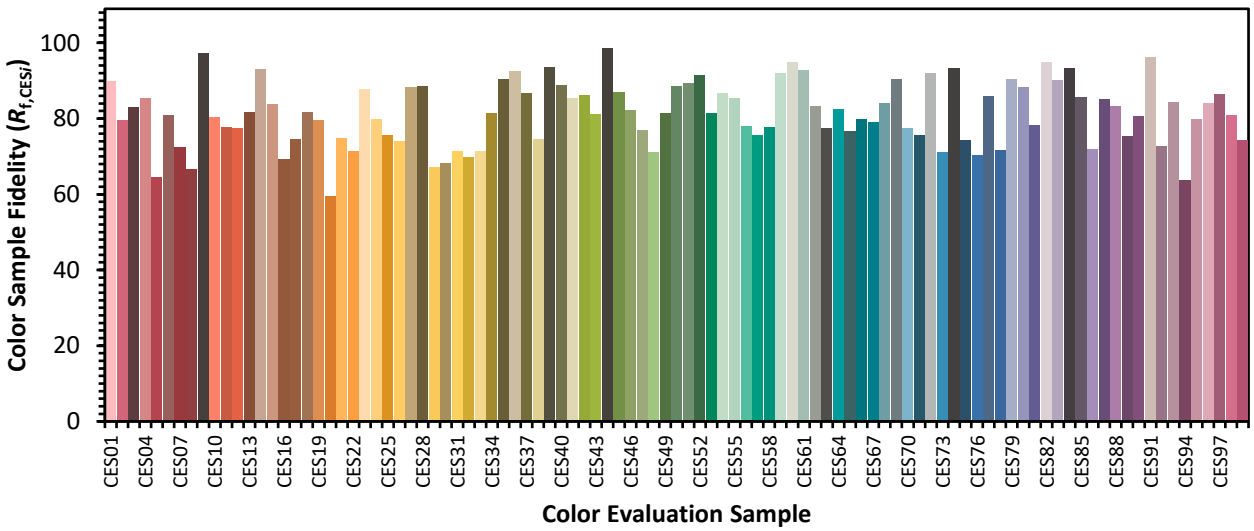
Individual Sample Fidelity Index ($R_{f,i}$)

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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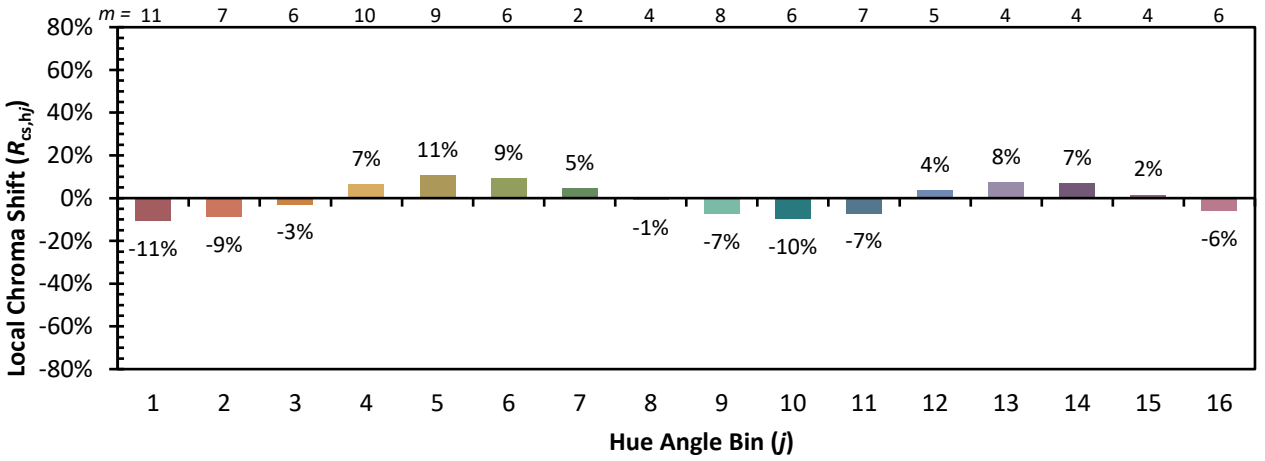
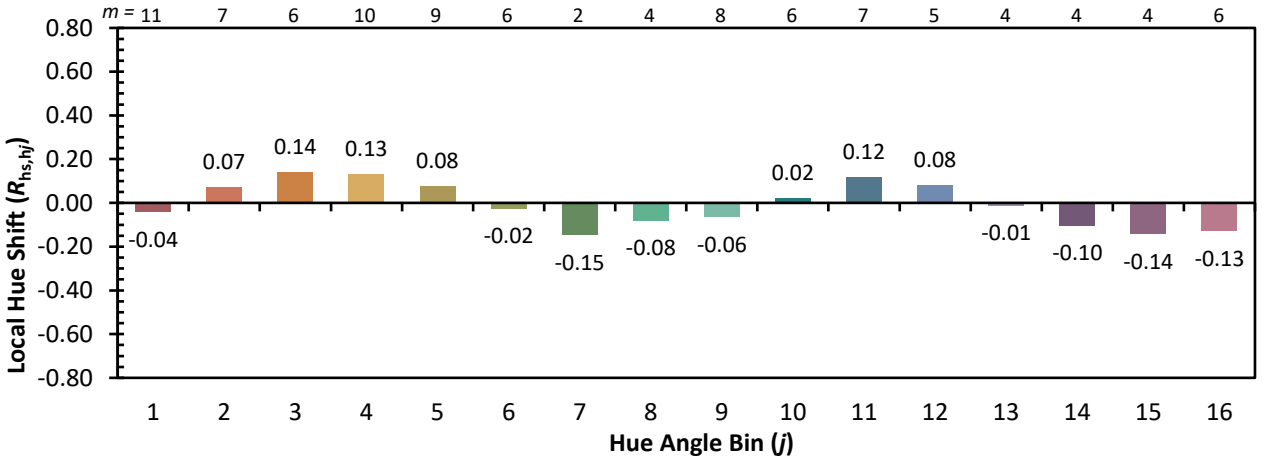
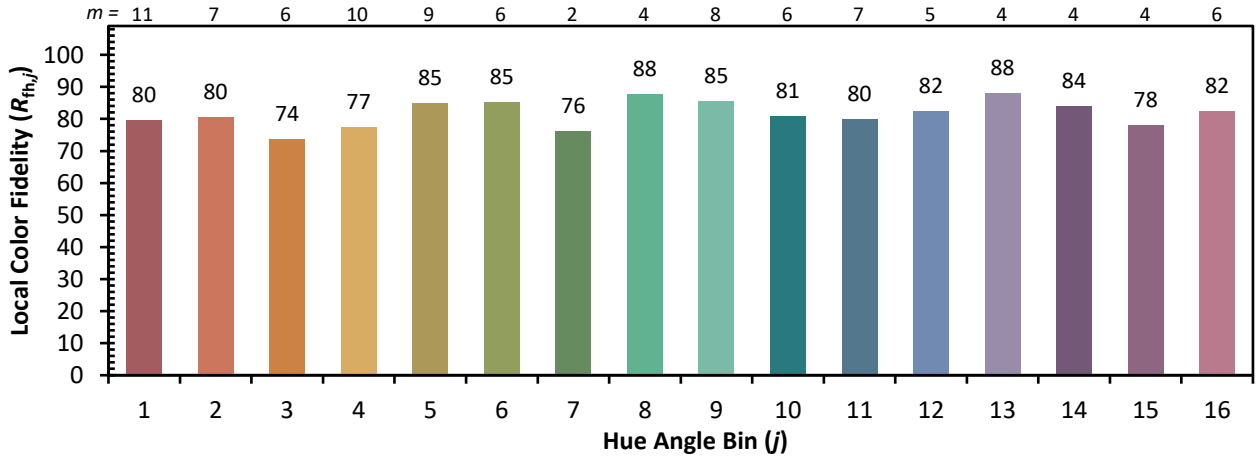
Color Rendition by Hue-Angle Bin







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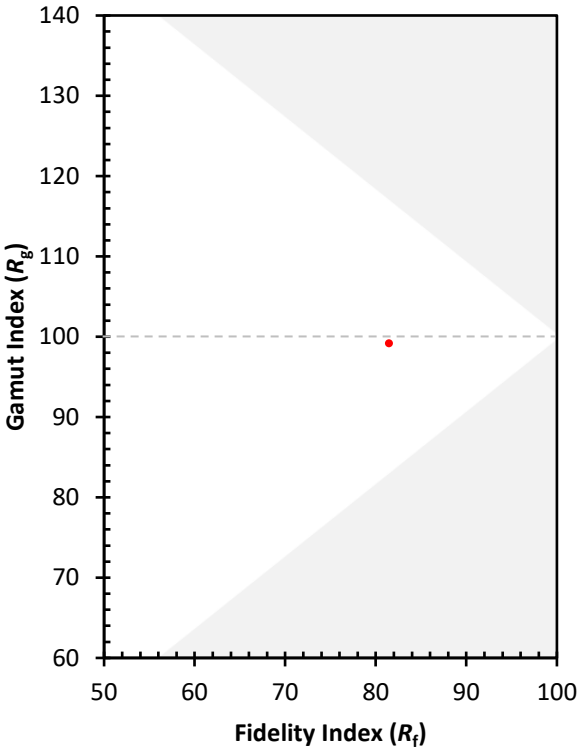
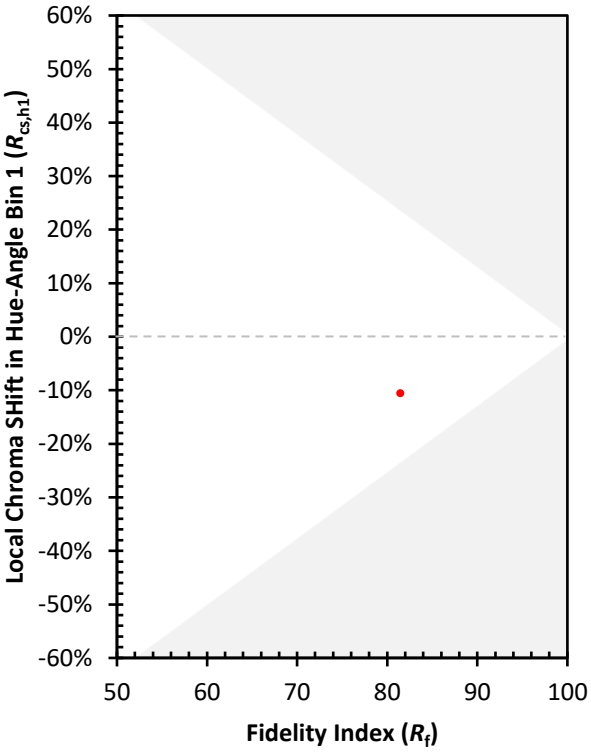
Measure Comparisons





(END OF REPORT)