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: P1458356

Luminaire Tested: GLAN-SB3B-830-U-T3LG-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:	P1458356
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III 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:	11598.7 lumens
Efficiency:	N/A
Efficacy:	106.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	109.2
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: P1458356
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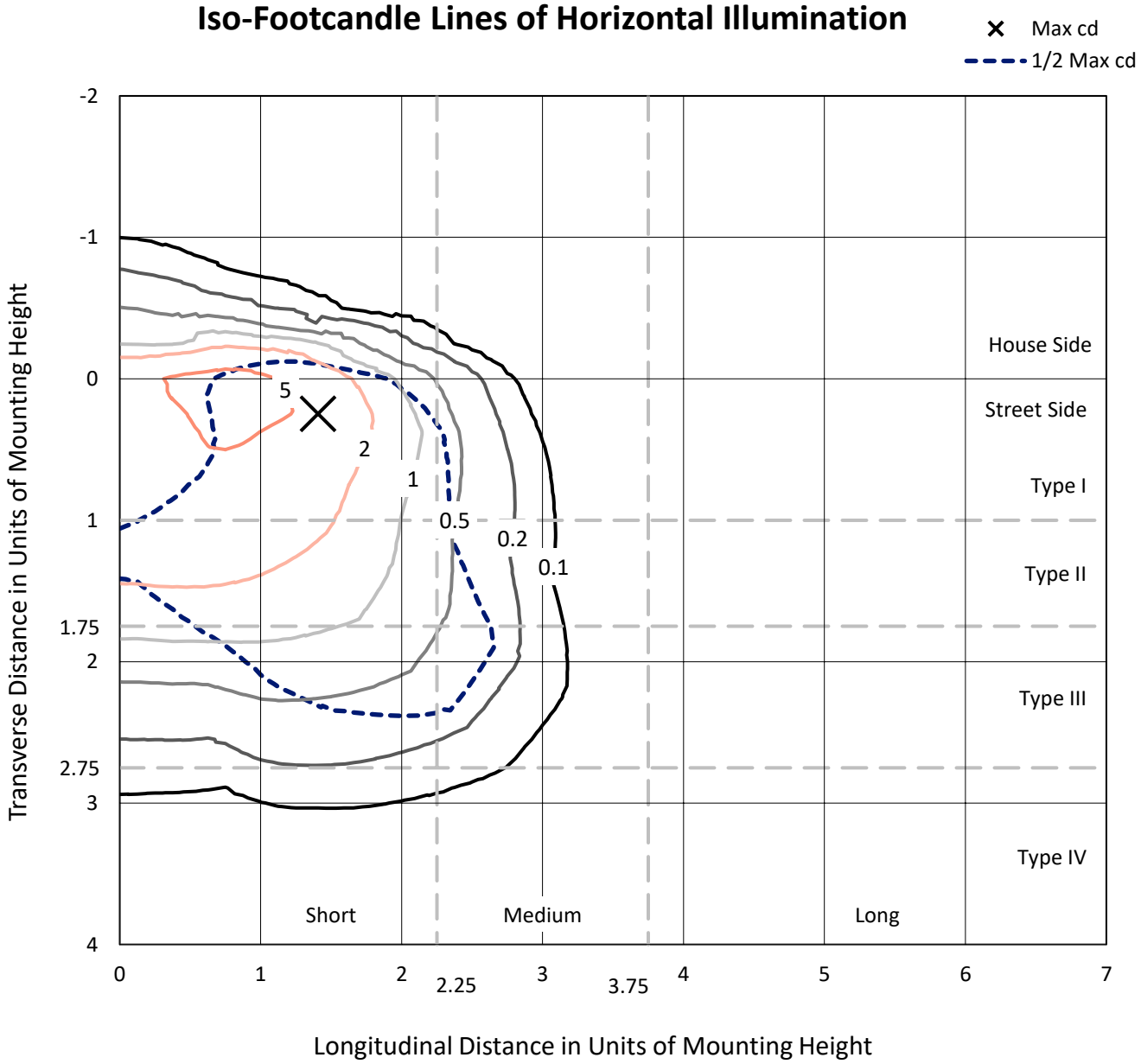
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Short - N/A

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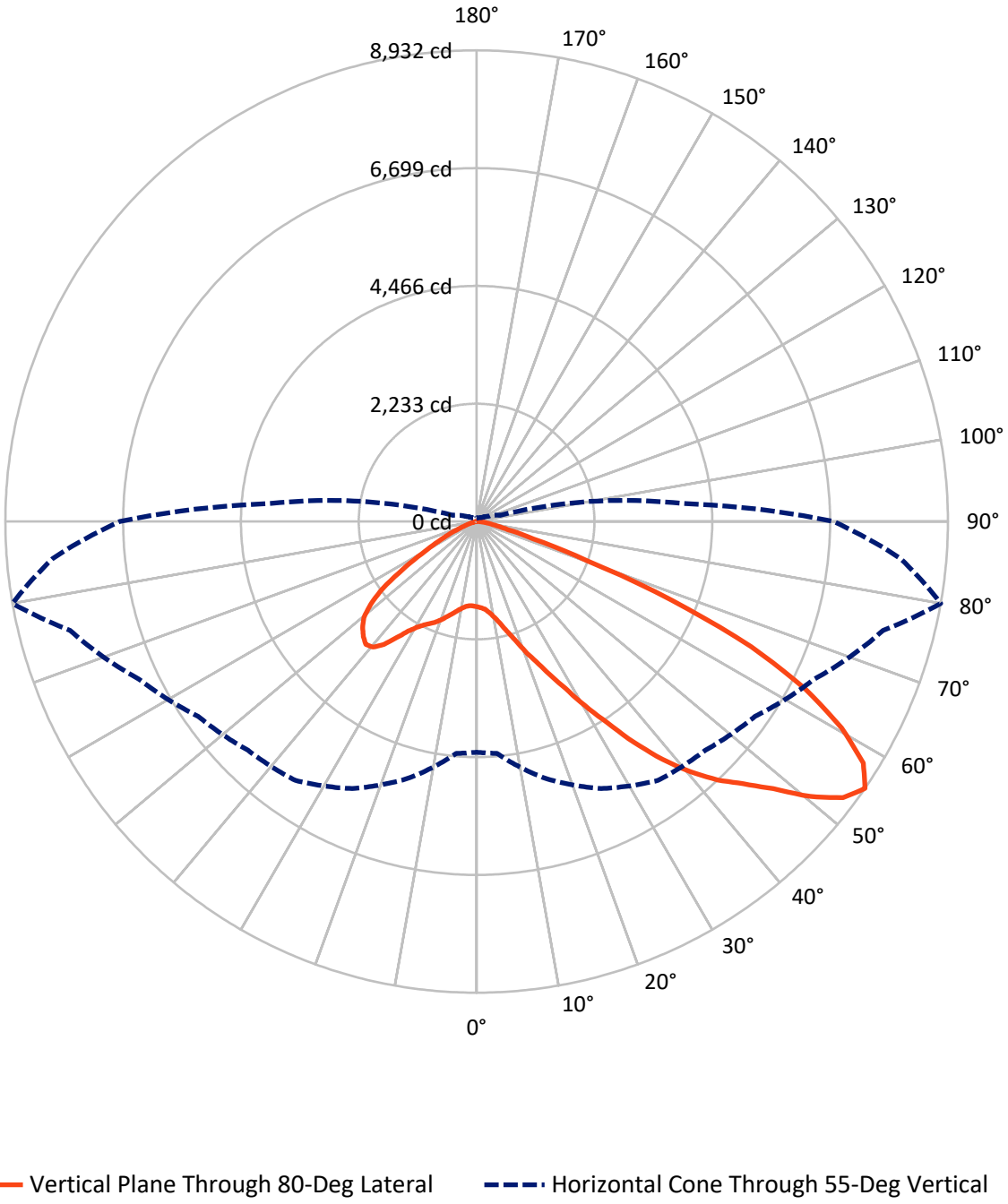
Luminous Intensity Polar Plot



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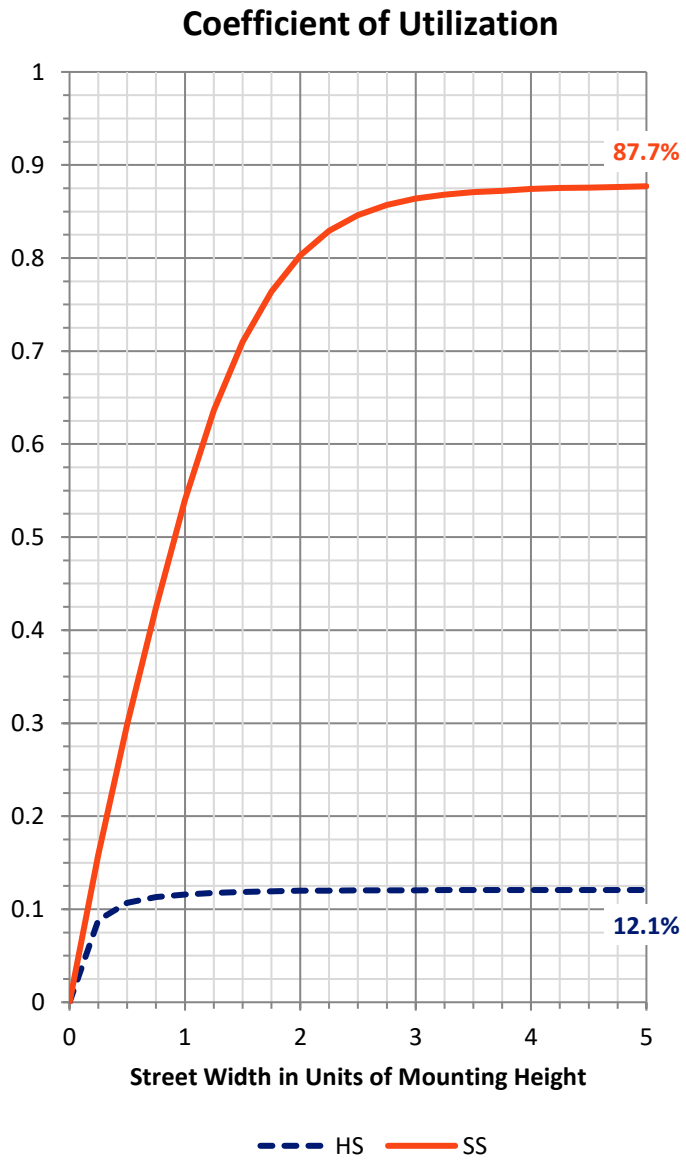
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1410.0	0.0	1410.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	10188.8	0.0	10188.8
	% Fixture	87.8	0.0	87.8
Total	Lumens	11598.7	0.0	11598.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.6	1.2
10°-20°	357.5	3.1
20°-30°	699.8	6.0
30°-40°	1423.7	12.3
40°-50°	2400.2	20.7
50°-60°	3066.7	26.4
60°-70°	2618.2	22.6
70°-80°	836.7	7.2
80°-90°	60.4	0.5
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°	11598.7	100.0
0°-180°	11598.7	100.0



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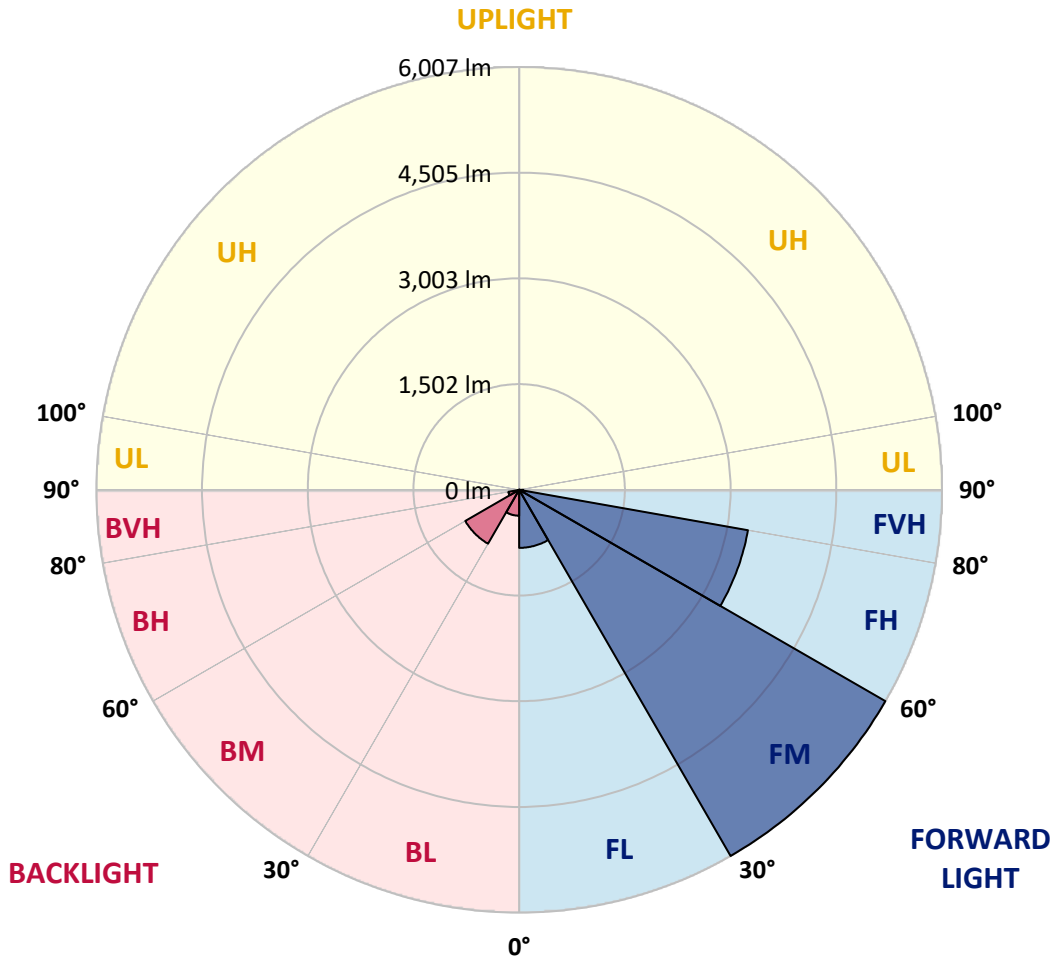
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	824.7	7.1			
FM	(30°-60°)	6006.9	51.8			
FH	(60°-80°)	3299.9	28.5			G2/5000
FVH	(80°-90°)	57.3	0.5			G1/100
BL	(0°-30°)	368.2	3.2	B1/500		
BM	(30°-60°)	883.6	7.6	B1/1000		
BH	(60°-80°)	155.0	1.3	B1/500		G1/500
BVH	(80°-90°)	3.2	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 III Short



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REPORT NUMBER: P1458356
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	*1615.7*	1615.7
2.5°	1625.6	1628.9	1625.6	1628.9	1635.5	1632.2	1645.4	1642.1	1642.1	*1638.8*	1625.6
5°	1533.2	1536.5	1543.1	1559.6	1582.7	1605.8	1635.5	1655.2	1675.0	*1671.7*	1658.5
7.5°	1351.9	1358.5	1384.9	1417.8	1493.7	1562.9	1638.8	1688.2	1731.1	*1744.3*	1734.4
10°	1249.7	1256.3	1272.8	1305.7	1375.0	1490.4	1638.8	1741.0	1816.8	*1843.2*	1846.5
12.5°	1239.8	1243.1	1256.3	1292.5	1351.9	1450.8	1635.5	1810.2	1938.8	*1978.4*	1991.6
15°	1246.4	1253.0	1266.2	1295.8	1365.1	1477.2	1661.8	1919.0	2100.4	*2156.4*	2159.7
17.5°	1272.8	1279.4	1295.8	1328.8	1404.7	1546.4	1744.3	2031.1	2294.9	*2357.6*	2393.8
20°	1325.5	1328.8	1348.6	1391.5	1477.2	1632.2	1866.3	2182.8	2529.0	*2621.4*	2647.7
22.5°	1394.8	1404.7	1431.0	1483.8	1592.6	1750.9	2034.4	2367.5	2786.2	*2881.8*	2928.0
25°	1470.6	1483.8	1523.4	1609.1	1747.6	1932.2	2242.2	2611.5	3089.6	*3205.0*	3267.6
27.5°	1625.6	1628.9	1655.2	1764.1	1942.1	2169.6	2506.0	2924.7	3445.7	*3580.9*	3650.1
30°	1965.2	1968.5	1945.4	1975.1	2156.4	2449.9	2815.9	3290.7	3861.1	*4049.1*	4105.2
32.5°	2380.7	2397.1	2393.8	2374.1	2456.5	2730.2	3185.2	3729.3	4349.2	*4547.0*	4599.7
35°	2852.2	2891.7	2881.8	2875.3	2885.1	3089.6	3607.3	4214.0	4903.1	*5143.8*	5186.7
37.5°	3313.8	3323.7	3369.9	3425.9	3432.5	3574.3	4095.3	4728.3	5417.5	*5724.1*	5790.1
40°	3669.9	3702.9	3818.3	3930.4	4045.8	4157.9	4497.5	5143.8	5826.3	*6238.5*	6268.2
42.5°	3946.9	4026.0	4194.2	4368.9	4603.0	4728.3	4880.0	5437.3	6159.4	*6696.8*	6683.6
45°	4283.2	4316.2	4553.6	4784.4	5021.8	5213.0	5209.7	5684.6	6419.9	*7089.2*	7006.8
47.5°	4510.7	4550.3	4873.4	5143.8	5387.8	5483.4	5503.2	5951.6	6779.3	*7564.0*	7369.5
50°	4632.7	4702.0	5054.8	5397.7	5661.5	5691.2	5780.2	6301.2	7250.8	*8193.8*	7827.8
52.5°	4645.9	4711.9	5117.4	5559.3	5846.1	5905.5	6057.2	6696.8	7709.1	*8698.3*	8091.6
55°	*4372.2*	*4411.8*	*5041.6*	*5585.6*	*5991.2*	*6129.7*	*6439.6*	*7062.8*	*7976.2*	*8932.4*	*8068.5*
57.5°	4115.0	4154.6	4702.0	5539.5	6139.6	6423.2	6848.5	7313.4	7768.5	*8642.2*	7554.1
60°	3894.1	3913.9	4411.8	5325.2	6195.6	6710.0	7201.3	7066.1	7231.0	*7946.5*	6673.8
62.5°	3478.7	3491.9	4082.1	4939.4	6083.5	6930.9	7323.3	6541.9	6640.8	*6987.0*	5638.4
65°	2628.0	2677.4	3218.2	4649.2	5898.9	7033.2	7039.8	5902.2	5800.0	*5717.5*	4434.9
67.5°	1783.8	1839.9	2166.3	4181.0	5598.8	7076.0	6489.1	5074.6	4418.4	*3993.0*	2904.9
70°	1424.4	1424.4	1536.5	3360.0	4886.6	6528.7	5806.6	3831.5	2806.0	*2205.9*	1556.3
72.5°	936.4	939.7	1045.2	2133.4	3465.5	4978.9	4734.9	2215.8	1457.4	*1124.4*	768.3
75°	339.6	339.6	458.3	854.0	1833.3	2964.3	2885.1	1058.4	791.4	*613.3*	464.9
77.5°	181.4	187.9	220.9	352.8	702.3	1206.8	1127.7	540.8	448.4	*382.5*	290.2
80°	122.0	125.3	148.4	217.6	339.6	464.9	362.7	303.4	303.4	*257.2*	194.5
82.5°	65.9	69.2	98.9	141.8	181.4	217.6	174.8	178.1	214.3	*174.8*	112.1
85°	46.2	46.2	75.8	102.2	102.2	105.5	75.8	112.1	125.3	*108.8*	75.8
87.5°	26.4	26.4	42.9	49.5	49.5	46.2	23.1	39.6	49.5	*56.1*	33.0
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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REPORT NUMBER: P1458356
CATALOG NUMBER: GLAN-SB3B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7	1615.7
2.5°	1622.3	1612.4	1592.6	1553.0	1533.2	1506.9	1483.8	1454.1	1447.5	1444.2	1431.0
5°	1648.7	1628.9	1569.5	1483.8	1411.2	1342.0	1272.8	1233.2	1200.2	1183.7	1180.4
7.5°	1714.6	1675.0	1566.2	1414.5	1279.4	1160.7	1058.4	969.4	923.2	883.7	887.0
10°	1813.5	1750.9	1572.8	1348.6	1147.5	956.2	807.8	679.2	586.9	544.1	540.8
12.5°	1945.4	1856.4	1595.9	1282.7	985.9	718.8	530.9	455.0	435.2	431.9	428.7
15°	2107.0	1981.7	1619.0	1196.9	768.3	497.9	431.9	415.5	412.2	408.9	408.9
17.5°	2301.5	2126.8	1632.2	1051.8	560.5	428.7	405.6	395.7	392.4	389.1	389.1
20°	2545.5	2288.3	1648.7	867.2	474.8	412.2	385.8	372.6	369.3	369.3	366.0
22.5°	2786.2	2469.7	1635.5	705.6	458.3	392.4	362.7	349.5	342.9	342.9	339.6
25°	3063.2	2654.3	1595.9	636.4	455.0	375.9	339.6	319.8	309.9	306.6	306.6
27.5°	3379.7	2865.4	1533.2	639.7	455.0	362.7	309.9	283.6	277.0	270.4	270.4
30°	3742.4	3122.6	1487.1	682.5	461.6	349.5	283.6	250.6	240.7	234.1	237.4
32.5°	4157.9	3409.4	1483.8	751.8	471.5	329.7	253.9	217.6	207.7	204.4	207.7
35°	4629.4	3765.5	1559.6	804.5	445.1	286.9	217.6	187.9	178.1	178.1	181.4
37.5°	5153.7	4174.4	1661.8	791.4	359.4	227.5	187.9	164.9	155.0	158.3	161.6
40°	5631.8	4494.2	1678.3	675.9	270.4	194.5	161.6	145.1	138.5	141.8	145.1
42.5°	5994.5	4751.4	1520.1	524.3	227.5	164.9	138.5	125.3	122.0	128.6	128.6
45°	6288.0	4853.6	1269.5	389.1	201.1	141.8	122.0	115.4	108.8	112.1	112.1
47.5°	6594.6	4870.1	1035.4	313.2	178.1	128.6	112.1	105.5	98.9	98.9	98.9
50°	6891.4	4830.6	791.4	277.0	164.9	115.4	102.2	95.6	89.0	85.7	85.7
52.5°	6963.9	4514.0	580.3	257.2	151.7	108.8	95.6	89.0	82.4	79.1	79.1
55°	*6762.8*	*3913.9*	*455.0*	*230.8*	*138.5*	*98.9*	*89.0*	*82.4*	*72.5*	*69.2*	*69.2*
57.5°	6100.0	2984.1	362.7	197.8	125.3	95.6	82.4	75.8	65.9	62.6	62.6
60°	5239.4	2116.9	293.5	161.6	115.4	85.7	75.8	65.9	59.4	52.8	52.8
62.5°	4286.5	1520.1	237.4	135.2	108.8	75.8	69.2	59.4	46.2	36.3	36.3
65°	3287.4	1091.4	184.6	108.8	98.9	65.9	59.4	49.5	36.3	26.4	26.4
67.5°	2126.8	705.6	138.5	95.6	75.8	56.1	46.2	39.6	33.0	23.1	19.8
70°	1121.1	412.2	102.2	82.4	56.1	42.9	39.6	33.0	26.4	16.5	16.5
72.5°	580.3	270.4	75.8	72.5	42.9	29.7	33.0	26.4	19.8	9.9	9.9
75°	372.6	181.4	56.1	59.4	26.4	23.1	23.1	16.5	9.9	6.6	3.3
77.5°	240.7	122.0	39.6	49.5	16.5	13.2	13.2	6.6	3.3	0.0	0.0
80°	141.8	75.8	26.4	33.0	6.6	6.6	3.3	0.0	0.0	0.0	0.0
82.5°	72.5	39.6	13.2	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	46.2	19.8	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.1	6.6	3.3	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

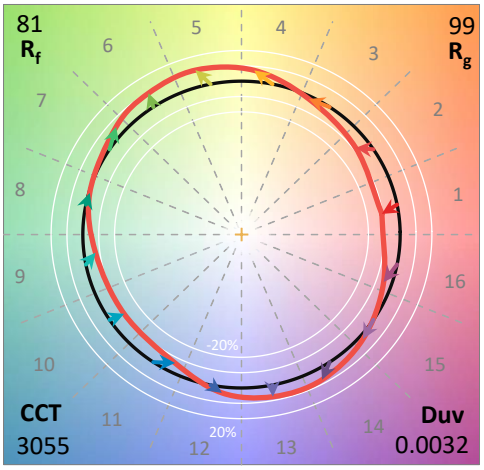
Test Information

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

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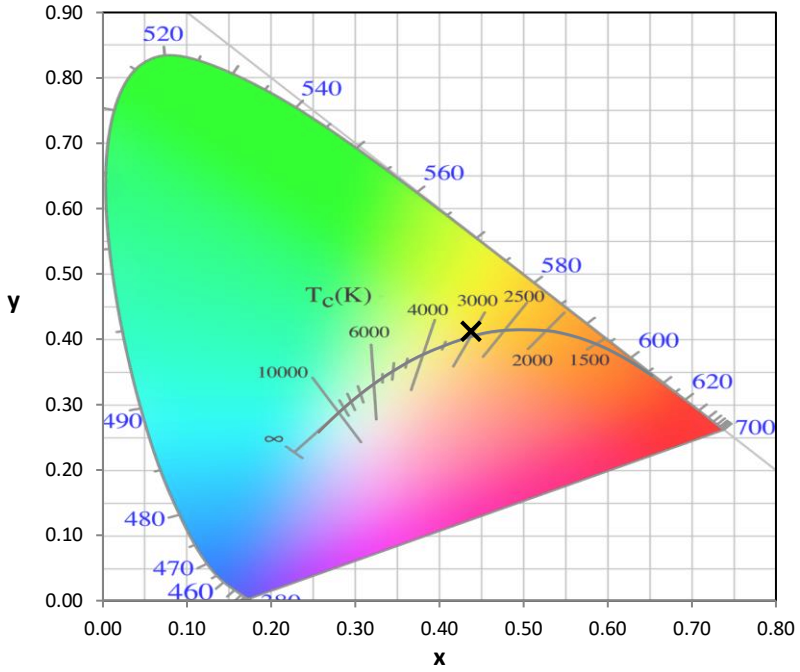
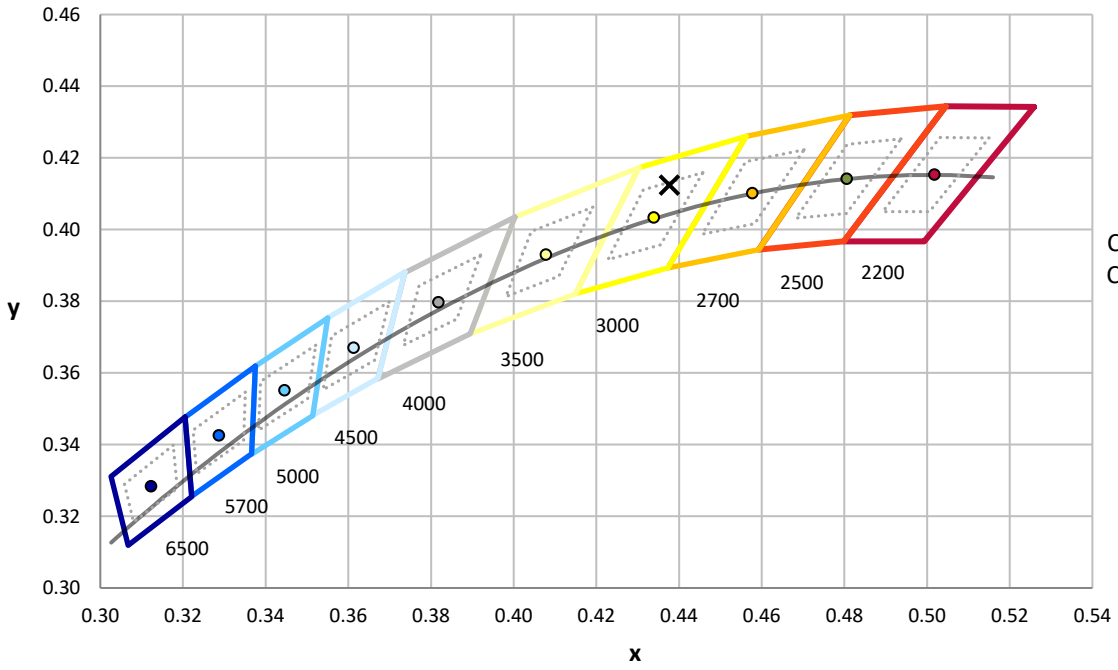
CIE 1931 Chromaticity Diagram



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

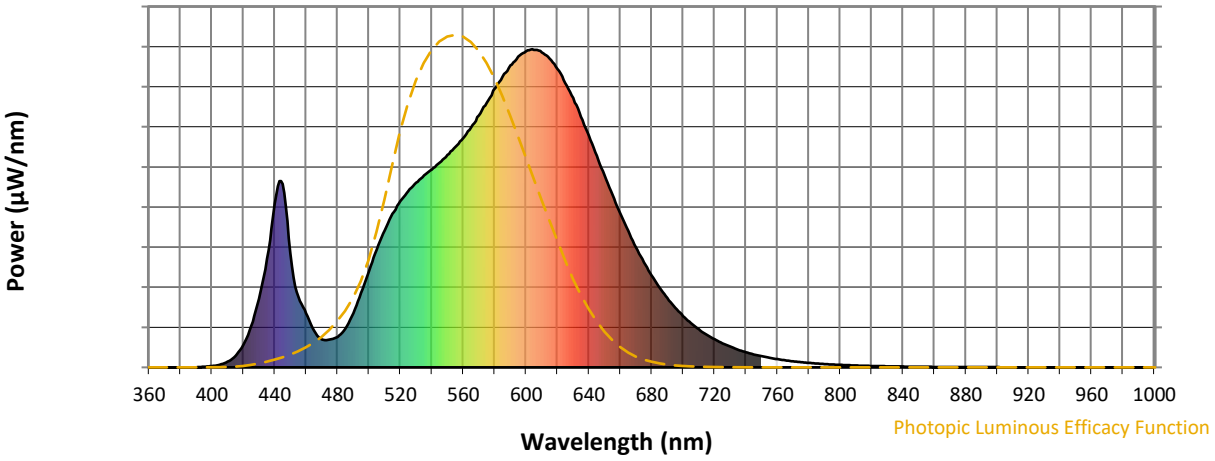


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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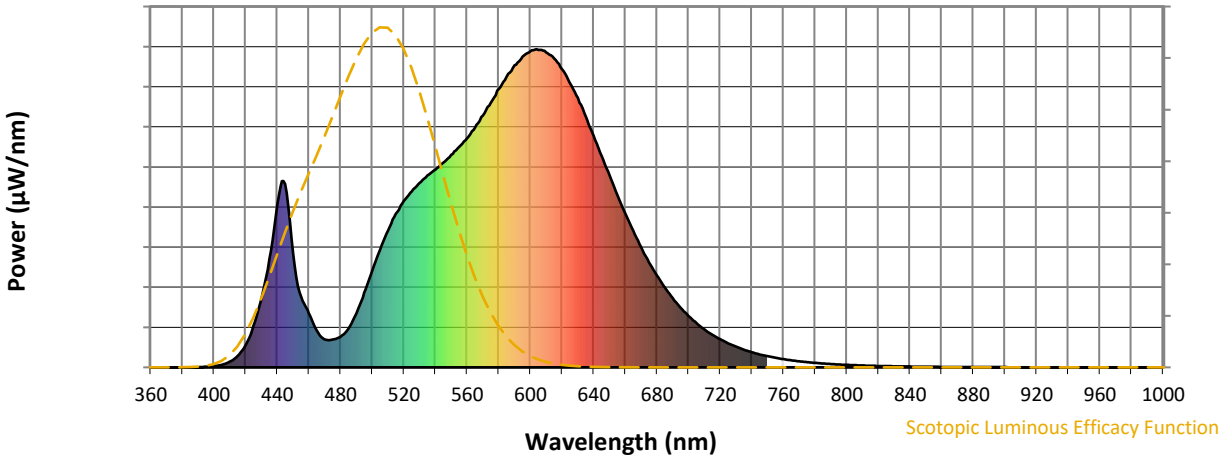
Scotopic Flux vs. Wavelength



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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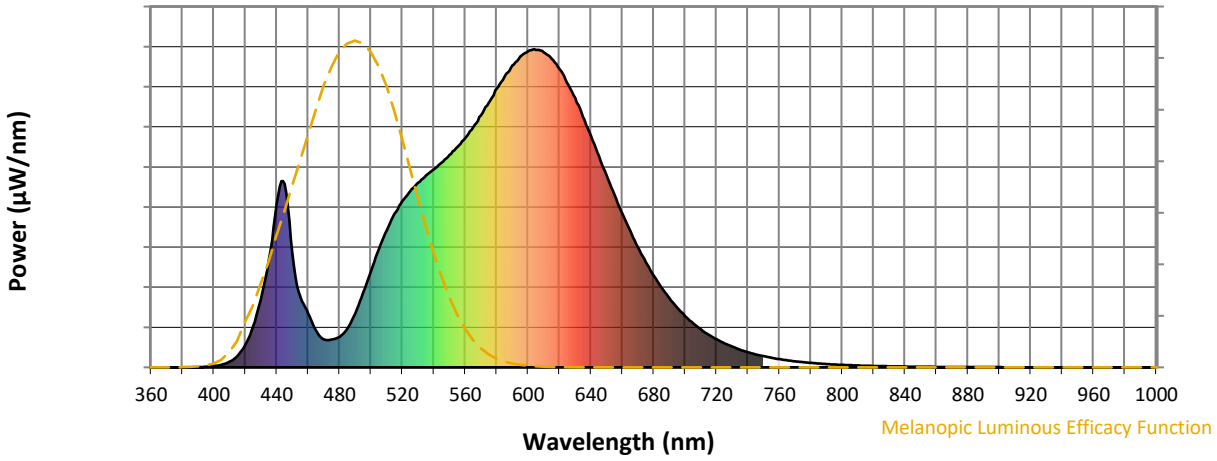
Melanopic Flux vs. Wavelength



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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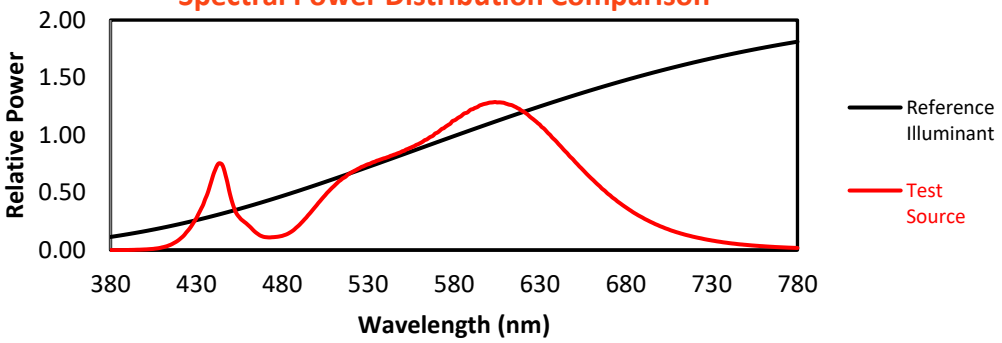
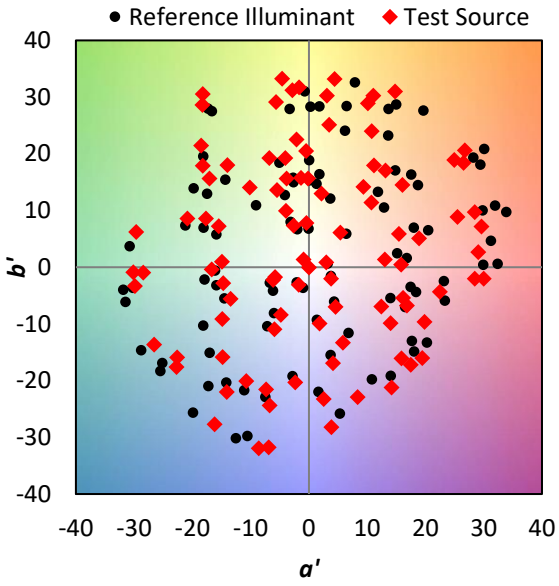
Summary

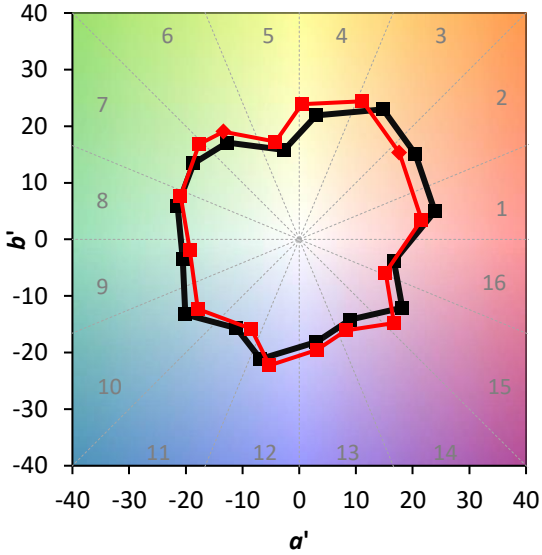
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

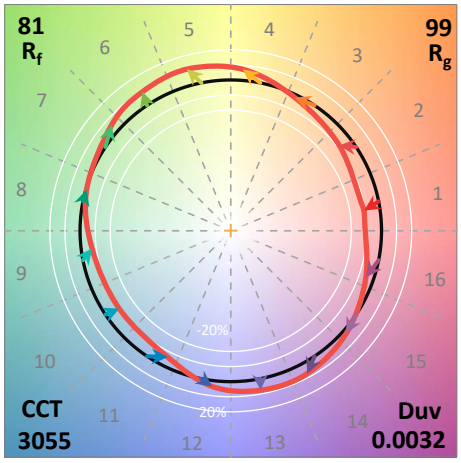
Spectral Power Distribution Comparison

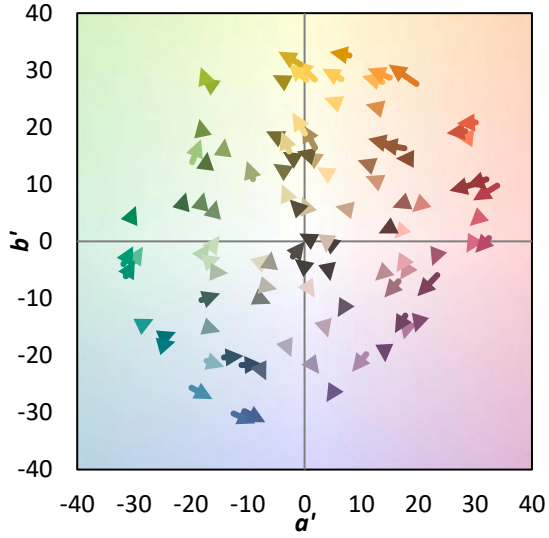


Color Vector Graphics









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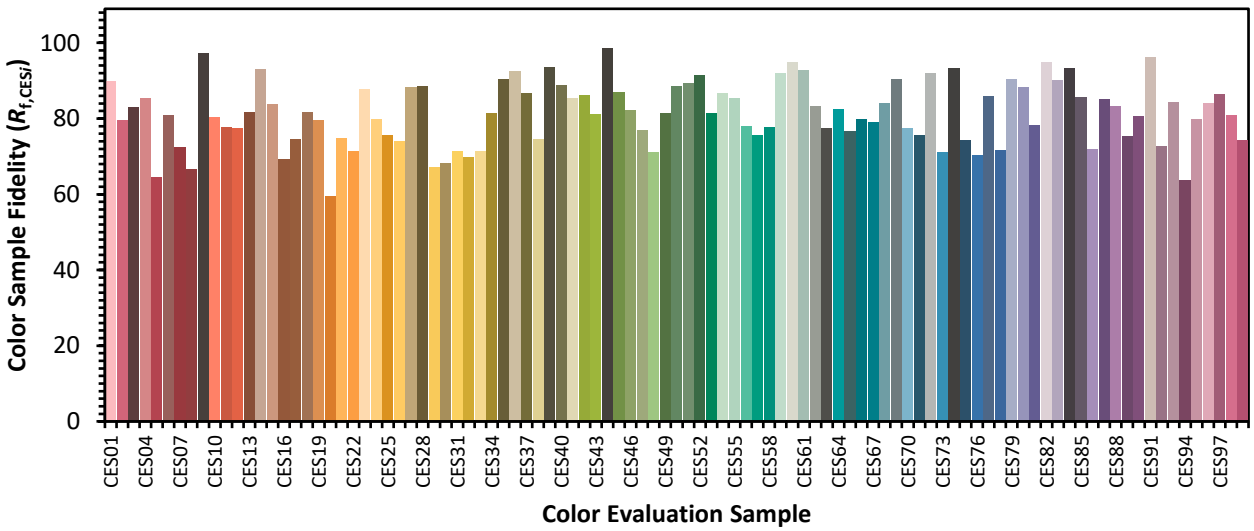
Individual Sample Fidelity Index ($R_{f,i}$)

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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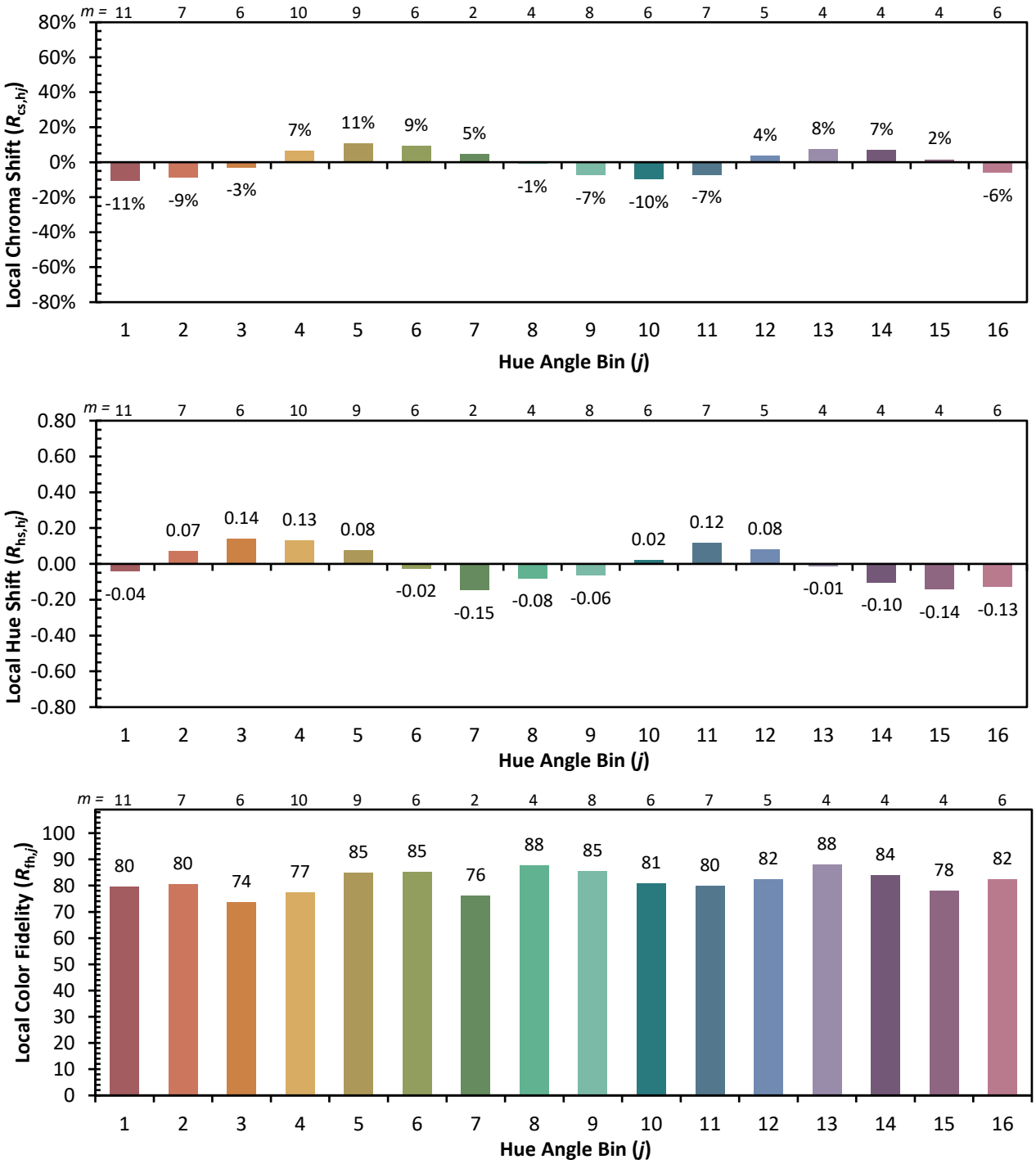
Color Rendition by Hue-Angle Bin



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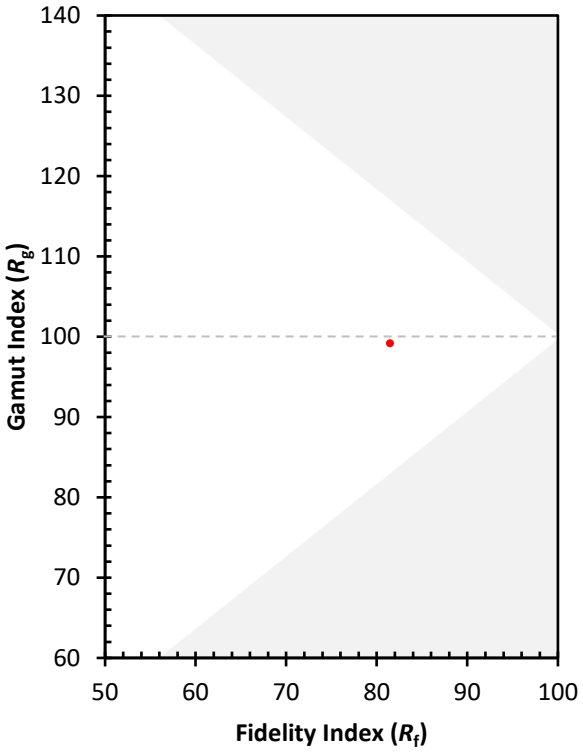
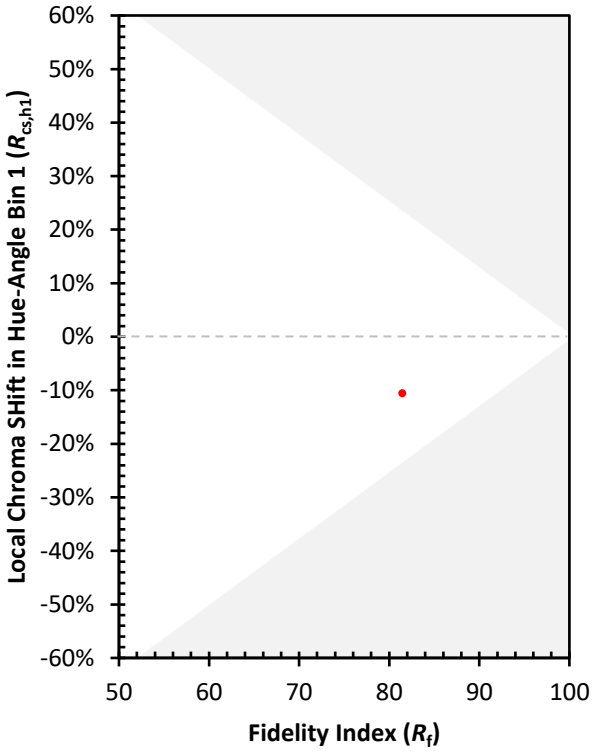
Measure Comparisons





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