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: P1456058

Luminaire Tested: GLAN-SB4D-830-U-T2LG

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:	P1456058
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-830-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35438.8 lumens
Efficiency:	N/A
Efficacy:	120.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	293.6
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: P1456058
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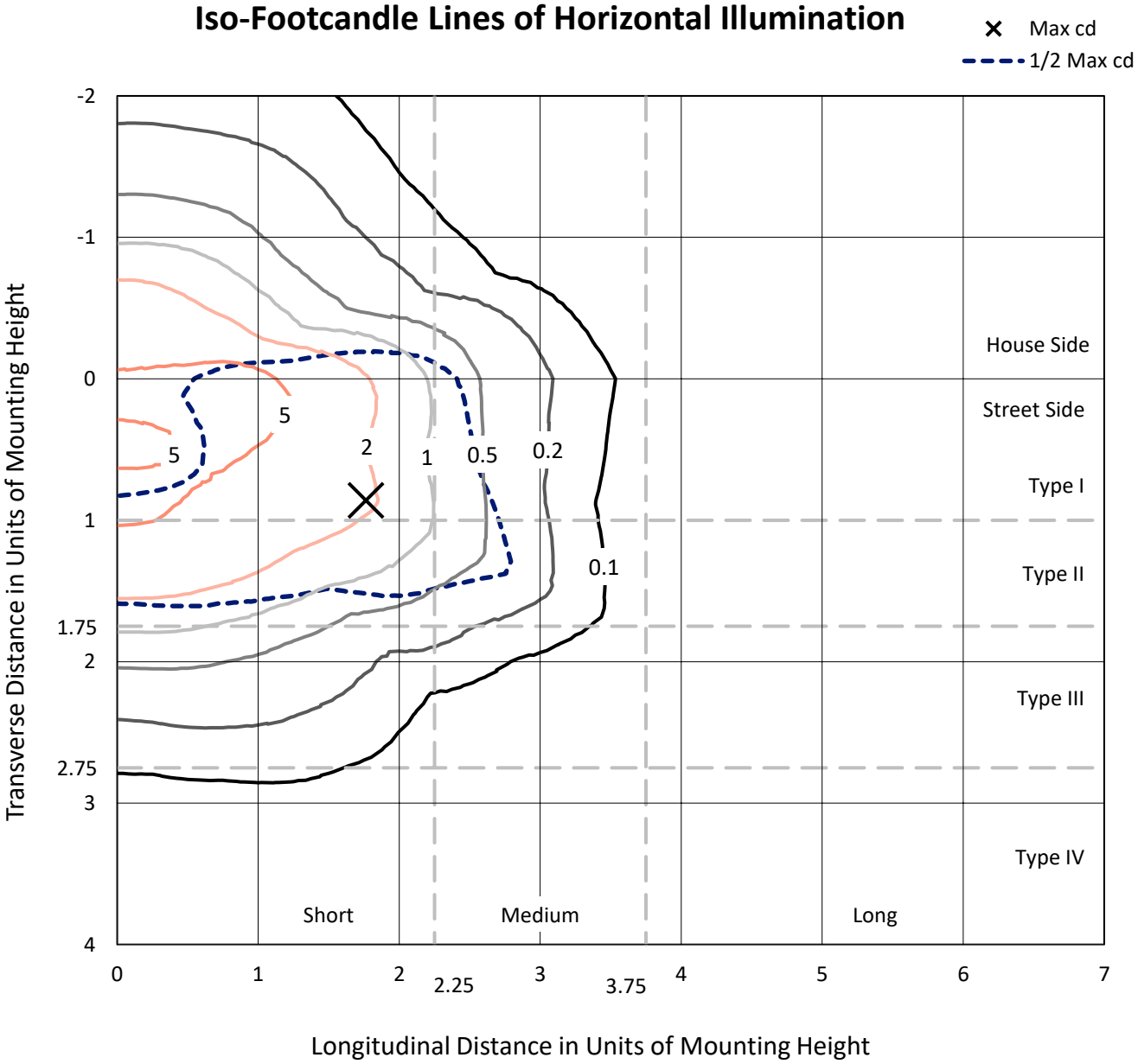
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.2 fc
Type II - Short - N/A

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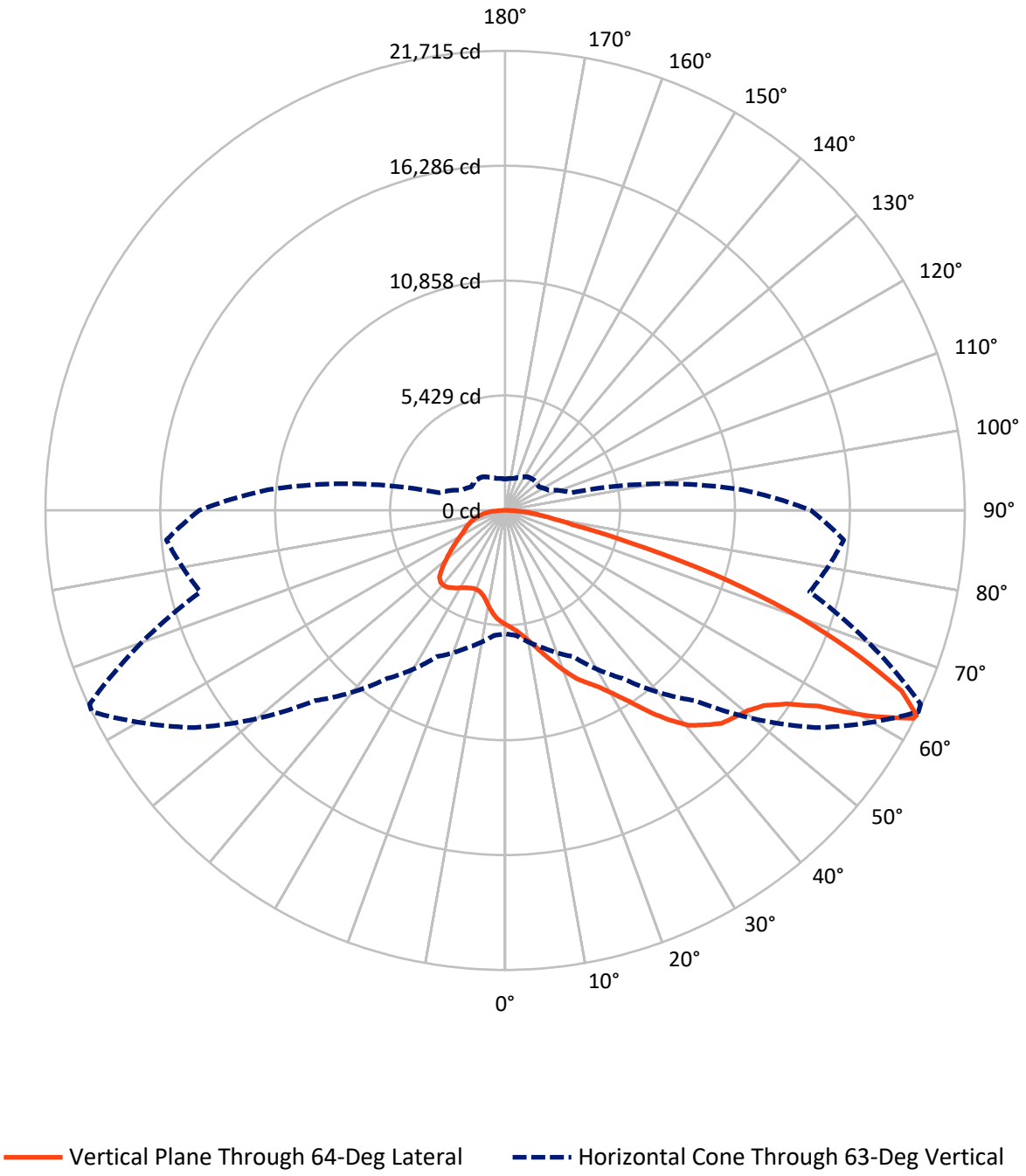
Luminous Intensity Polar Plot



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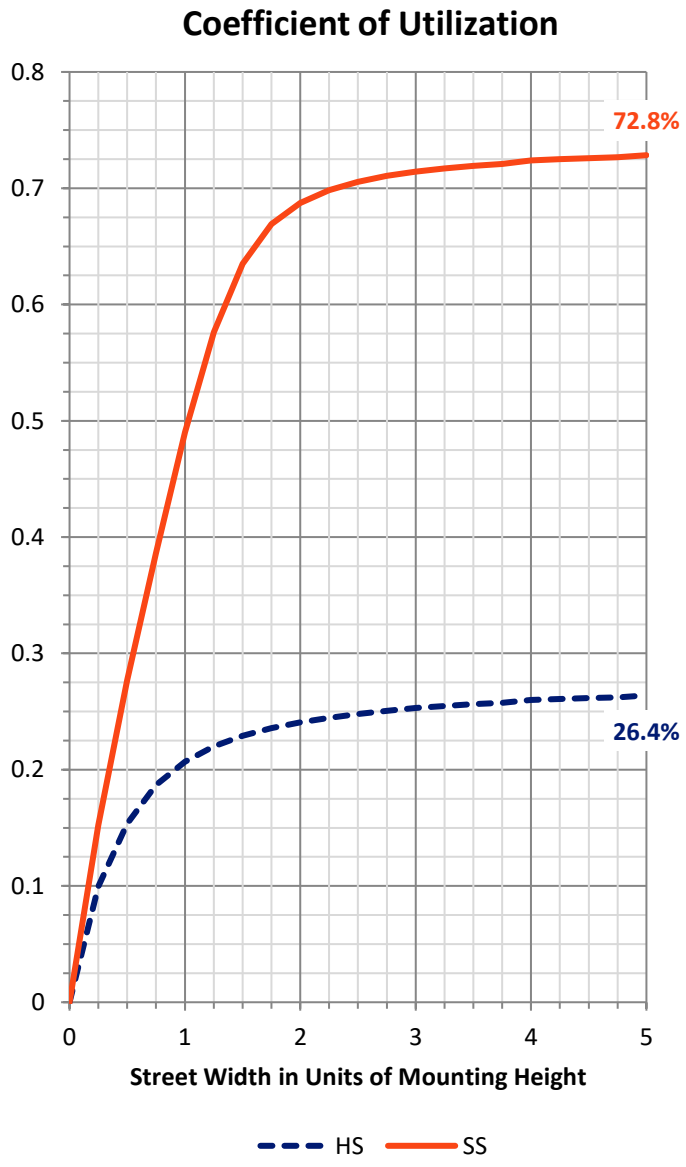
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9521.4	0.0	9521.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	25917.4	0.0	25917.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	35438.8	0.0	35438.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	495.5	1.4
10°-20°	1525.5	4.3
20°-30°	2789.5	7.9
30°-40°	4798.4	13.5
40°-50°	7076.4	20.0
50°-60°	8481.5	23.9
60°-70°	6807.2	19.2
70°-80°	2735.3	7.7
80°-90°	729.4	2.1
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°	35438.8	100.0
0°-180°	35438.8	100.0



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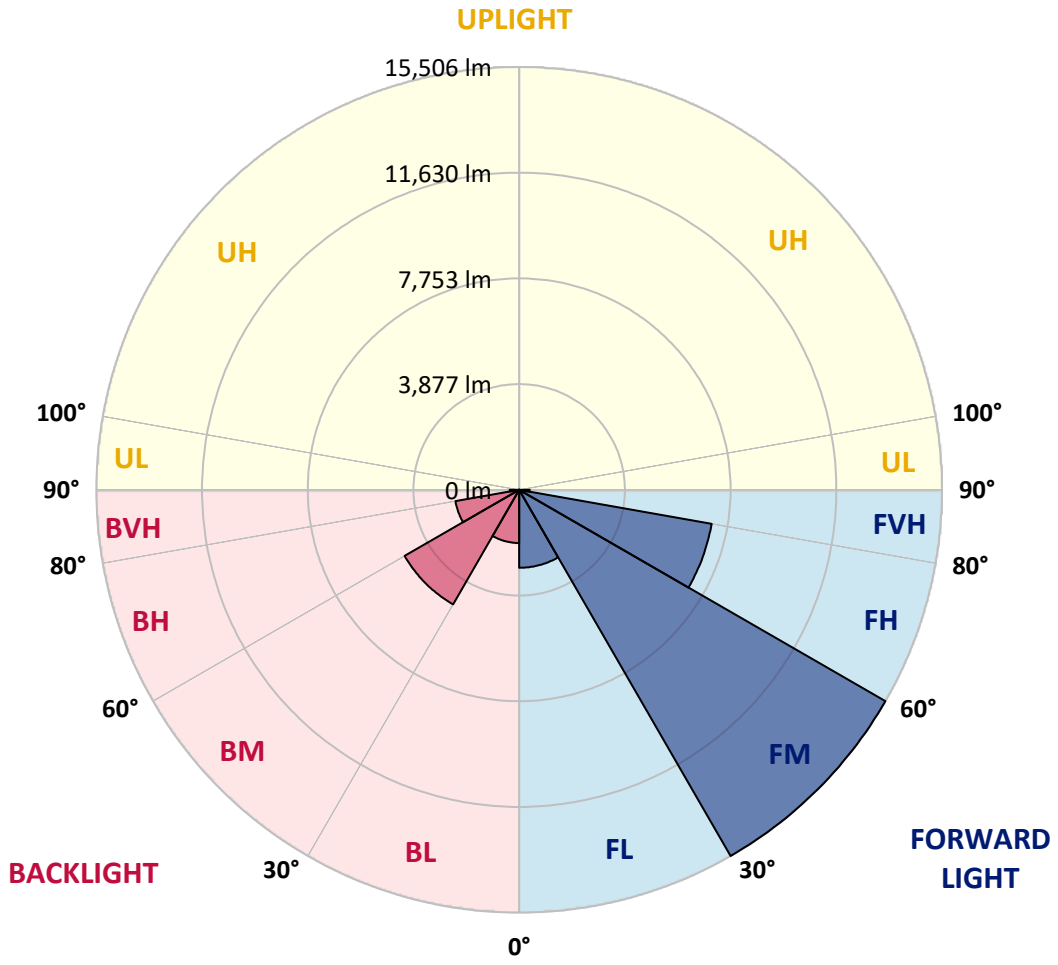
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2859.2	8.1			
FM	(30°-60°)	15506.3	43.8			
FH	(60°-80°)	7168.6	20.2			G3/7500
FVH	(80°-90°)	383.2	1.1			G3/500
BL	(0°-30°)	1951.3	5.5	B3/2500		
BM	(30°-60°)	4850.0	13.7	B3/5000		
BH	(60°-80°)	2374.0	6.7	B3/2500		G3/2500
BVH	(80°-90°)	346.2	1.0			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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	*5396.9*	5396.9	5396.9	5396.9
2.5°	5619.8	5627.8	5603.9	5595.9	5611.8	5580.0	5572.0	*5540.2*	5524.3	5492.4	5452.6
5°	5779.0	5787.0	5771.0	5771.0	5787.0	5763.1	5755.1	*5723.3*	5707.4	5675.5	5595.9
7.5°	5771.0	5779.0	5794.9	5858.6	5938.2	5970.0	5993.9	*5970.0*	5962.1	5914.3	5834.7
10°	5643.7	5651.6	5691.4	5787.0	5986.0	6129.3	6280.5	*6280.5*	6296.4	6256.6	6113.3
12.5°	5468.6	5476.5	5572.0	5723.3	5986.0	6232.7	6543.2	*6670.5*	6662.6	6638.7	6471.5
15°	5046.7	5046.7	5190.0	5476.5	5898.4	6304.4	6766.1	*7108.3*	7116.3	7140.2	6941.2
17.5°	4688.5	4696.4	4815.8	5070.6	5619.8	6264.6	7004.9	*7593.9*	7617.8	7753.1	7466.5
20°	4720.3	4720.3	4760.1	4871.6	5317.3	6105.4	7140.2	*8111.3*	8190.9	8509.3	8151.1
22.5°	4967.1	4967.1	4998.9	4991.0	5261.6	6001.9	7227.7	*8628.7*	8772.0	9432.7	8971.0
25°	5420.8	5412.8	5381.0	5333.2	5492.4	6113.3	7426.7	*9026.7*	9305.3	10451.6	9918.2
27.5°	5978.0	5962.1	5914.3	5834.7	5946.2	6447.7	7769.0	*9448.6*	9751.1	11566.0	10921.2
30°	6670.5	6622.8	6575.0	6471.5	6590.9	6996.9	8278.5	*10045.6*	10332.2	12831.6	12131.1
32.5°	7490.4	7546.1	7386.9	7243.7	7371.0	7745.1	9034.7	*10754.0*	11064.5	14153.0	13388.8
35°	8716.3	8883.4	8835.7	8111.3	8230.7	8644.6	9918.2	*11669.5*	11948.1	15355.0	14678.4
37.5°	9926.2	9886.4	9926.2	9321.2	9130.2	9631.7	10865.5	*12545.1*	12815.7	16334.1	15816.7
40°	10897.3	11016.7	11016.7	10523.2	10276.4	10610.8	11725.2	*13349.0*	13611.7	16875.3	16636.5
42.5°	11956.0	11971.9	11940.1	11510.3	11414.7	11502.3	12481.4	*13858.5*	14073.4	17153.9	17193.7
45°	13150.0	13142.1	13006.7	12648.5	12505.3	12425.7	12951.0	*14352.0*	14566.9	17281.3	17496.2
47.5°	14137.1	14176.9	14184.8	13802.8	13564.0	13221.7	13357.0	*14598.8*	14845.5	17138.0	17559.9
50°	14192.8	14256.5	14559.0	14670.4	14622.6	14073.4	13731.1	*14861.4*	15108.2	17169.9	17790.7
52.5°	13842.6	13906.2	14296.3	14758.0	15315.2	15052.5	14320.2	*15315.2*	15569.9	17480.3	18316.1
55°	12903.3	13006.7	13587.8	14232.6	15227.6	15601.7	15362.9	*16135.1*	16373.9	17727.1	18929.0
57.5°	11231.7	11359.0	12163.0	13189.8	14551.0	15474.4	16875.3	*17448.5*	17647.5	17902.2	18937.0
60°	8397.9	8501.4	9759.0	11144.1	13189.8	14678.4	17774.8	*19701.2*	19812.6	16954.9	17862.4
62.5°	6185.0	6288.5	7132.2	8127.2	10364.0	13213.7	17949.9	*21651.4*	21667.3	15243.5	16381.8
63°	*5826.8*	*5930.2*	*6694.4*	*7625.7*	*9695.4*	*12720.2*	*17894.2*	*21715.1*	*21659.3*	*14893.3*	*16055.5*
65°	4537.2	4720.3	5516.3	6224.8	7267.5	10125.2	17177.8	*20584.7*	20664.3	13858.5	14415.7
67.5°	3088.5	3223.8	4234.8	5054.6	5492.4	6447.7	14089.3	*17615.6*	17743.0	12783.9	11502.3
70°	2388.0	2451.7	3040.7	4003.9	4441.7	4099.4	9185.9	*14184.8*	14184.8	9981.9	8151.1
72.5°	1870.6	1894.5	2292.5	3128.3	3574.1	3152.2	5118.3	*10316.2*	9934.2	5922.3	5436.7
75°	1337.3	1369.1	1727.3	2332.3	2849.7	2483.5	3271.6	*6009.8*	5779.0	3406.9	3629.8
77.5°	1058.7	1074.6	1289.5	1719.4	2308.4	1894.5	2491.5	*3279.5*	3247.7	2396.0	2332.3
80°	835.8	867.6	1010.9	1233.8	1783.1	1480.6	1854.7	*2165.1*	2101.5	1647.7	1496.5
82.5°	597.0	652.7	780.1	939.3	1321.4	1058.7	1217.9	*1528.3*	1528.3	1241.8	987.0
85°	366.2	413.9	461.7	581.1	939.3	684.6	644.8	*987.0*	1010.9	931.3	636.8
87.5°	175.1	191.0	222.9	246.8	342.3	310.4	254.7	*374.1*	382.1	413.9	262.7
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: P1456058
CATALOG NUMBER: GLAN-SB4D-830-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9	5396.9
2.5°	5444.7	5428.8	5349.2	5269.6	5182.0	5102.4	5022.8	4959.1	4887.5	4903.4	4911.4
5°	5548.2	5508.4	5333.2	5126.3	4855.6	4600.9	4354.2	4179.0	4067.6	4035.8	3972.1
7.5°	5771.0	5675.5	5357.1	4919.3	4417.8	4019.8	3789.0	3685.5	3653.7	3661.6	3645.7
10°	6025.8	5882.5	5389.0	4672.6	4035.8	3765.1	3733.3	3797.0	3828.8	3860.6	3868.6
12.5°	6360.1	6129.3	5373.0	4401.9	3852.7	3804.9	3924.3	4043.7	4115.4	4163.1	4155.2
15°	6750.1	6439.7	5325.3	4179.0	3828.8	3956.2	4107.4	4242.7	4330.3	4378.0	4354.2
17.5°	7219.8	6805.9	5269.6	4035.8	3900.4	4051.7	4210.9	4346.2	4441.7	4473.6	4449.7
20°	7800.9	7219.8	5174.0	3972.1	3956.2	4091.5	4234.8	4362.1	4441.7	4473.6	4441.7
22.5°	8485.4	7713.3	5094.4	3972.1	3980.0	4091.5	4195.0	4290.5	4362.1	4386.0	4346.2
25°	9361.0	8286.4	5062.6	4035.8	3988.0	4051.7	4107.4	4163.1	4202.9	4218.8	4202.9
27.5°	10252.6	8947.1	5078.5	4115.4	3980.0	3996.0	3996.0	4003.9	4011.9	4019.8	4011.9
30°	11279.4	9615.8	5142.2	4218.8	3996.0	3916.4	3892.5	3844.7	3804.9	3773.1	3741.2
32.5°	12274.4	10252.6	5253.6	4370.1	3980.0	3828.8	3781.0	3661.6	3550.2	3454.7	3454.7
35°	13349.0	10913.2	5452.6	4481.5	3964.1	3749.2	3613.9	3478.5	3359.1	3223.8	3223.8
37.5°	14272.4	11478.4	5611.8	4608.9	3948.2	3653.7	3438.7	3287.5	3160.1	3024.8	3008.9
40°	14917.2	11804.8	5707.4	4656.6	3892.5	3526.3	3271.6	3080.5	2897.5	2714.4	2706.4
42.5°	15227.6	11788.9	5651.6	4640.7	3789.0	3367.1	3128.3	2873.6	2626.8	2459.7	2443.7
45°	15394.8	11685.4	5436.7	4505.4	3621.8	3199.9	2945.2	2674.6	2427.8	2276.6	2244.7
47.5°	15362.9	11430.7	5142.2	4171.1	3398.9	3016.9	2762.1	2483.5	2284.5	2197.0	2197.0
50°	15450.5	11231.7	4807.9	3789.0	3096.5	2801.9	2595.0	2340.3	2220.9	2109.4	2069.6
52.5°	15840.5	11398.8	4521.3	3430.8	2809.9	2595.0	2451.7	2236.8	2085.5	2013.9	1990.0
55°	16357.9	11757.0	4250.7	3112.4	2531.3	2411.9	2340.3	2141.3	1966.1	1894.5	1854.7
57.5°	16453.5	12003.8	3988.0	2801.9	2300.5	2268.6	2244.7	1974.1	1830.8	1775.1	1743.3
60°	15792.8	11820.7	3645.7	2523.3	2117.4	2133.3	2069.6	1870.6	1703.5	1647.7	1615.9
62.5°	14670.4	11343.1	3303.4	2284.5	1974.1	2005.9	1942.3	1743.3	1576.1	1520.4	1504.5
63°	*14447.5*	*11215.7*	*3223.8*	*2260.7*	*1942.3*	*1982.1*	*1926.3*	*1727.3*	*1560.2*	*1504.5*	*1480.6*
65°	13118.2	10451.6	2945.2	2133.3	1838.8	1838.8	1846.7	1647.7	1504.5	1480.6	1464.7
67.5°	10698.3	8724.2	2642.7	1982.1	1727.3	1751.2	1791.0	1679.6	1623.9	1607.9	1592.0
70°	8087.4	6567.1	2380.1	1838.8	1607.9	1687.5	1958.2	1910.4	1703.5	1560.2	1528.3
72.5°	5731.2	4473.6	2149.2	1695.5	1464.7	1663.7	2029.8	1822.9	1536.3	1369.1	1337.3
75°	3836.8	2881.5	1918.4	1544.3	1305.5	1536.3	1918.4	1663.7	1337.3	1297.5	1249.7
77.5°	2411.9	2053.7	1687.5	1369.1	1130.3	1369.1	1743.3	1480.6	1154.2	1170.1	1098.5
80°	1472.6	1464.7	1416.9	1162.2	907.4	1090.5	1464.7	1249.7	923.4	923.4	819.9
82.5°	875.6	1058.7	1202.0	963.2	660.7	780.1	1058.7	939.3	772.1	748.2	700.5
85°	589.0	716.4	955.2	740.3	421.9	477.6	732.3	788.0	708.4	620.9	581.1
87.5°	214.9	286.6	437.8	302.5	183.1	286.6	549.2	573.1	429.8	334.3	302.5
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

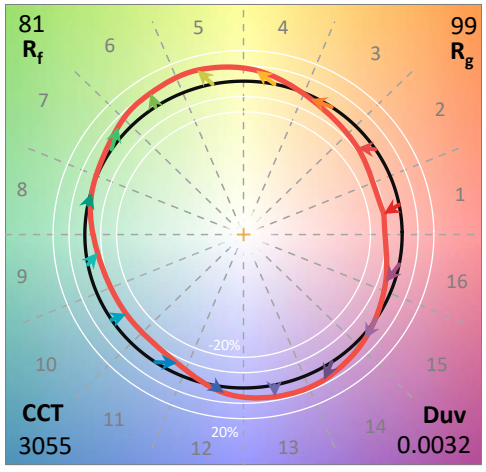
Test Information

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

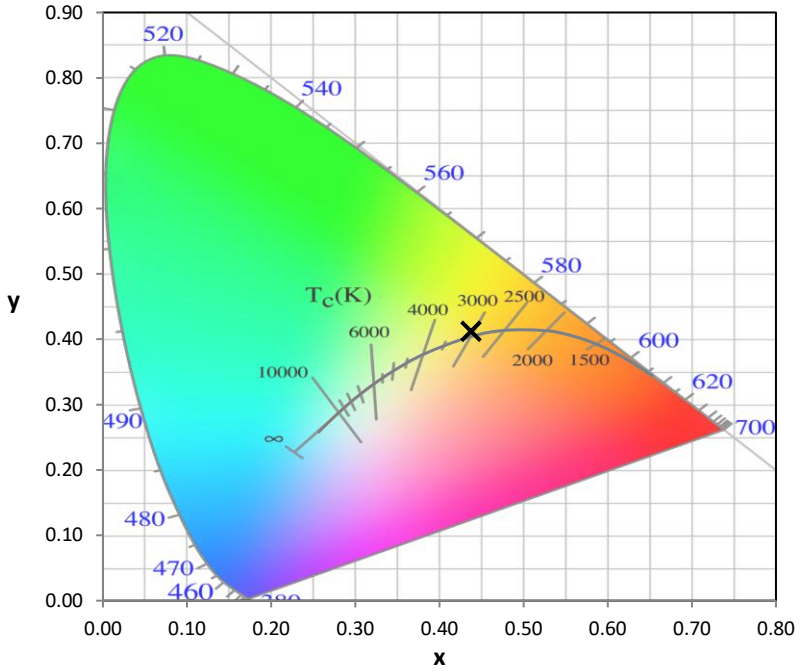
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

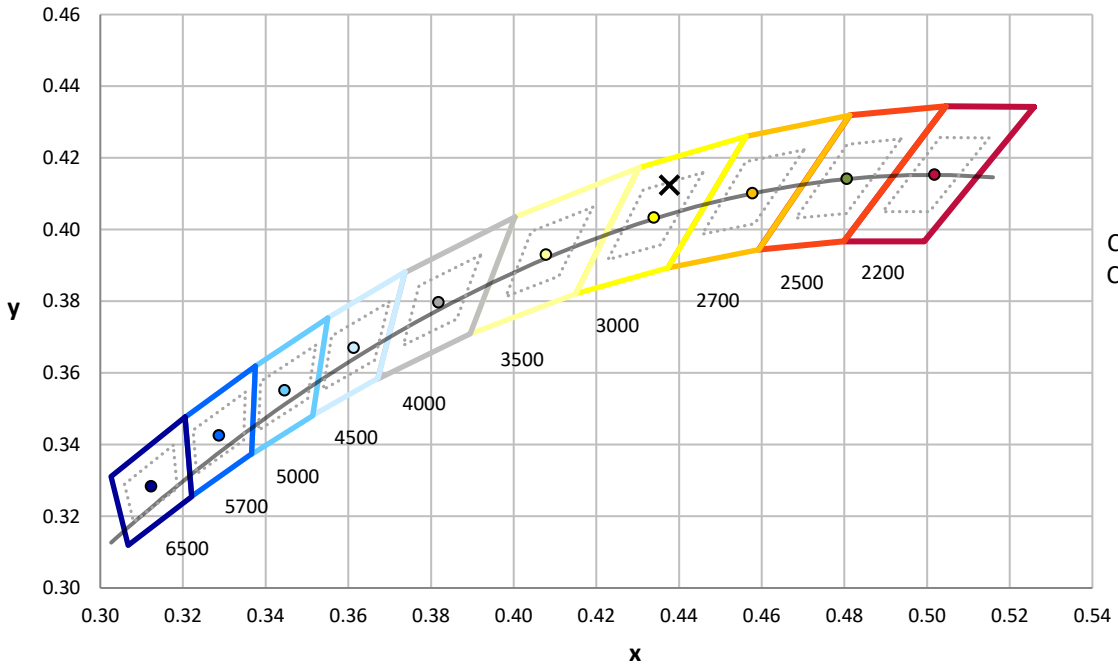
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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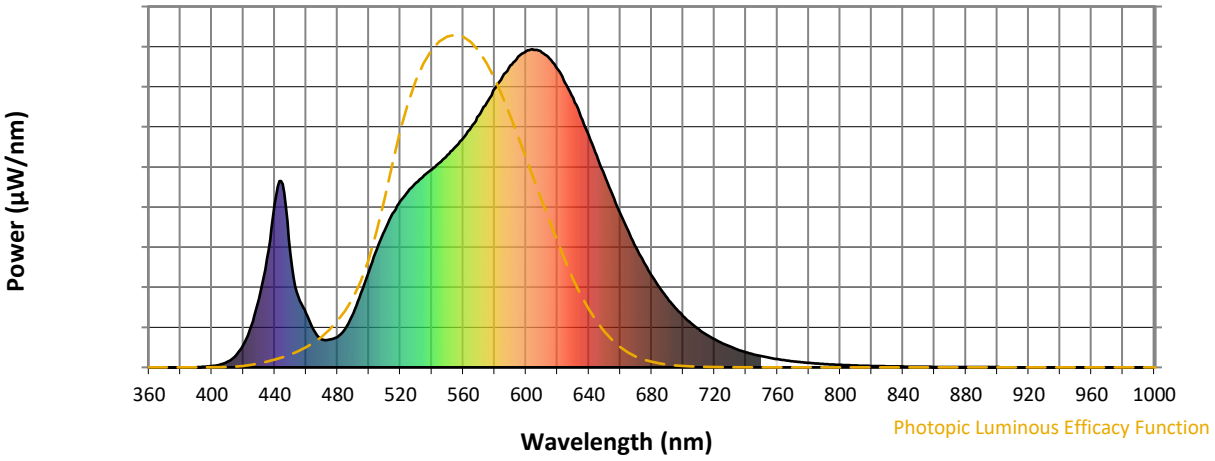
Photopic Flux vs. Wavelength



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	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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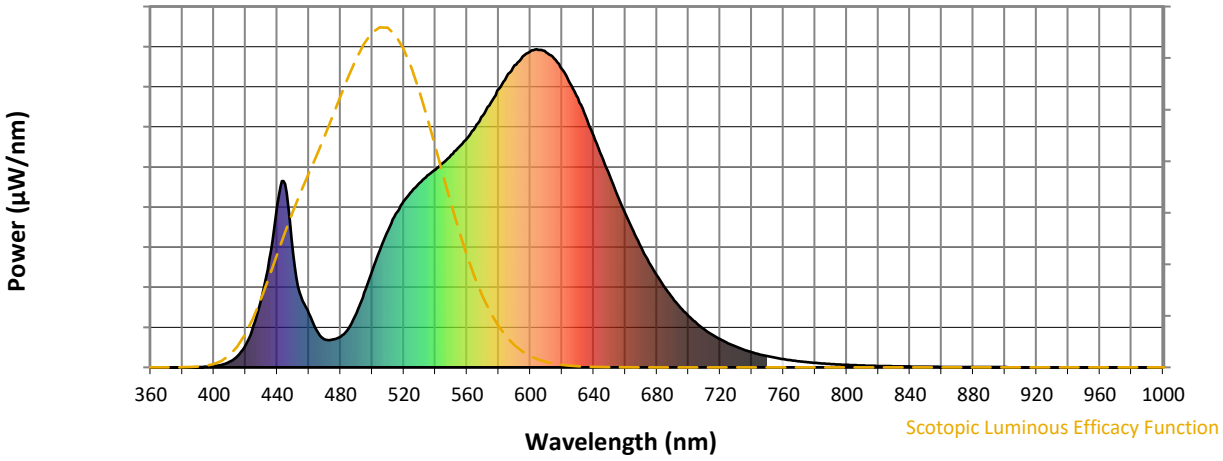
Scotopic Flux vs. Wavelength



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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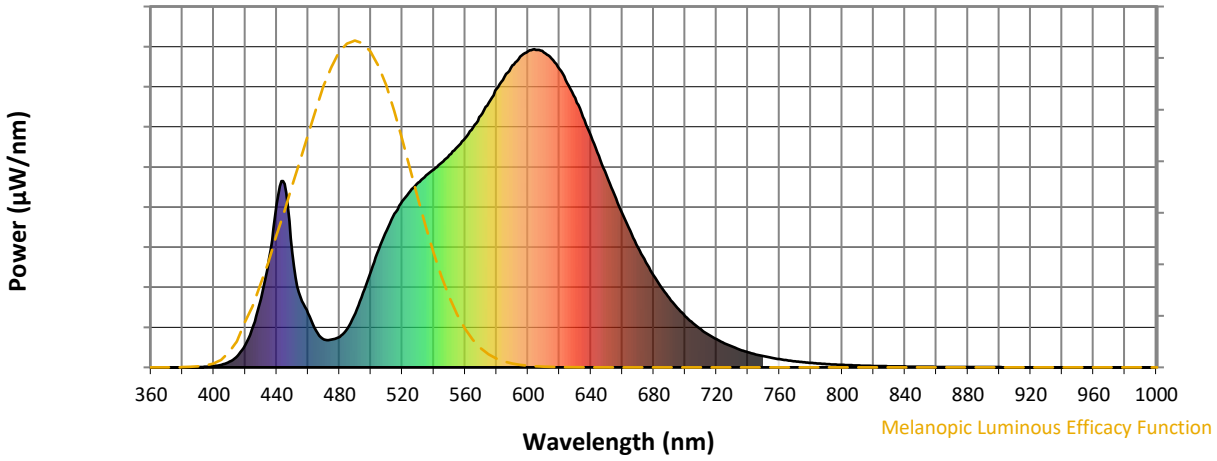
Melanopic Flux vs. Wavelength



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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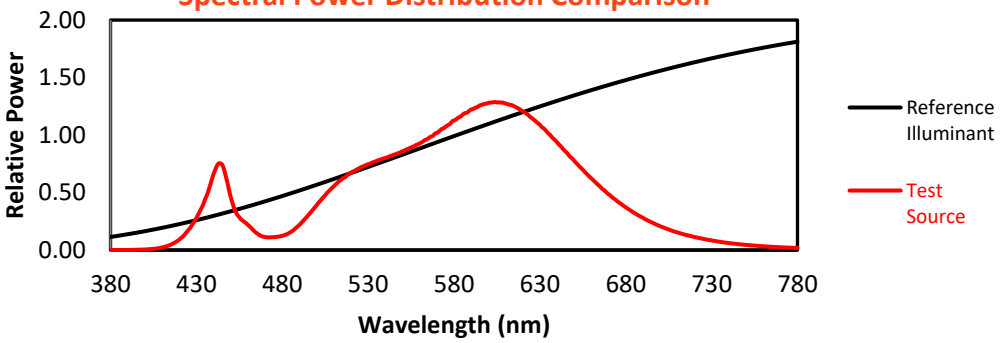
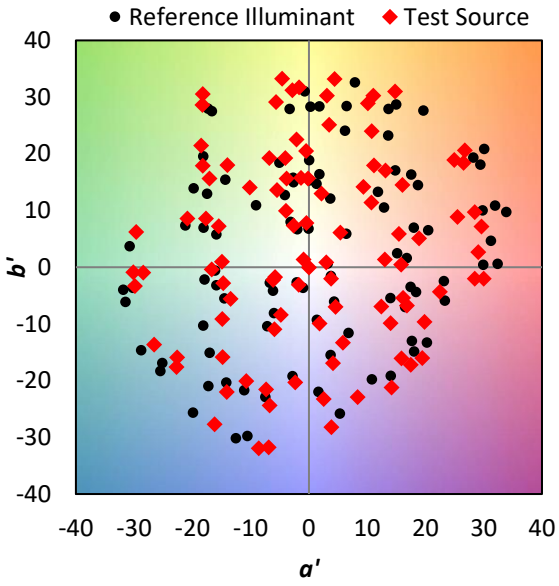
Summary

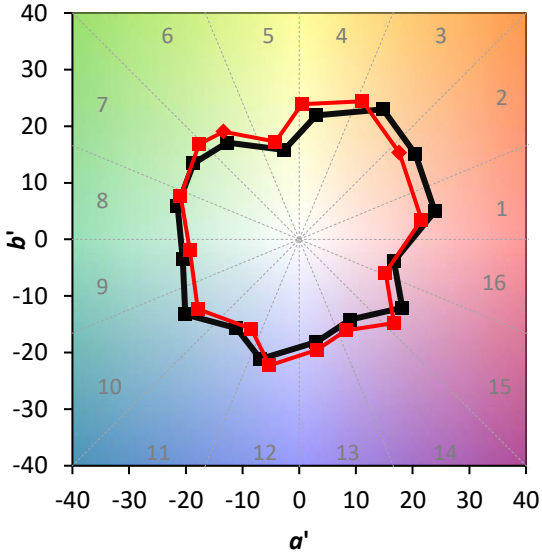
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

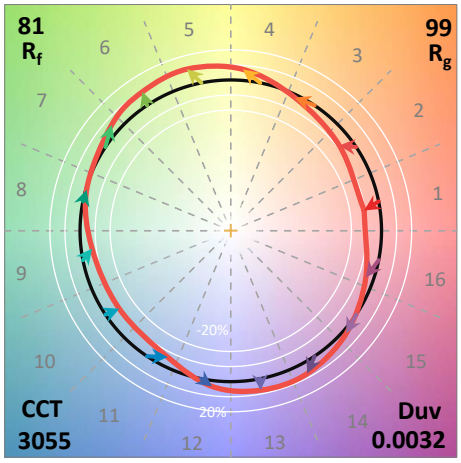
Spectral Power Distribution Comparison

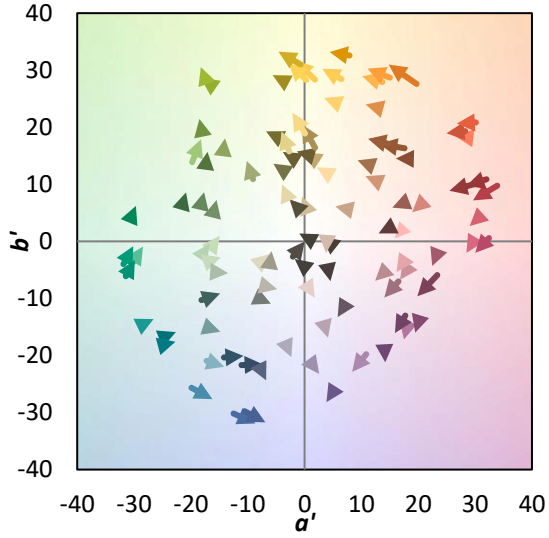


Color Vector Graphics









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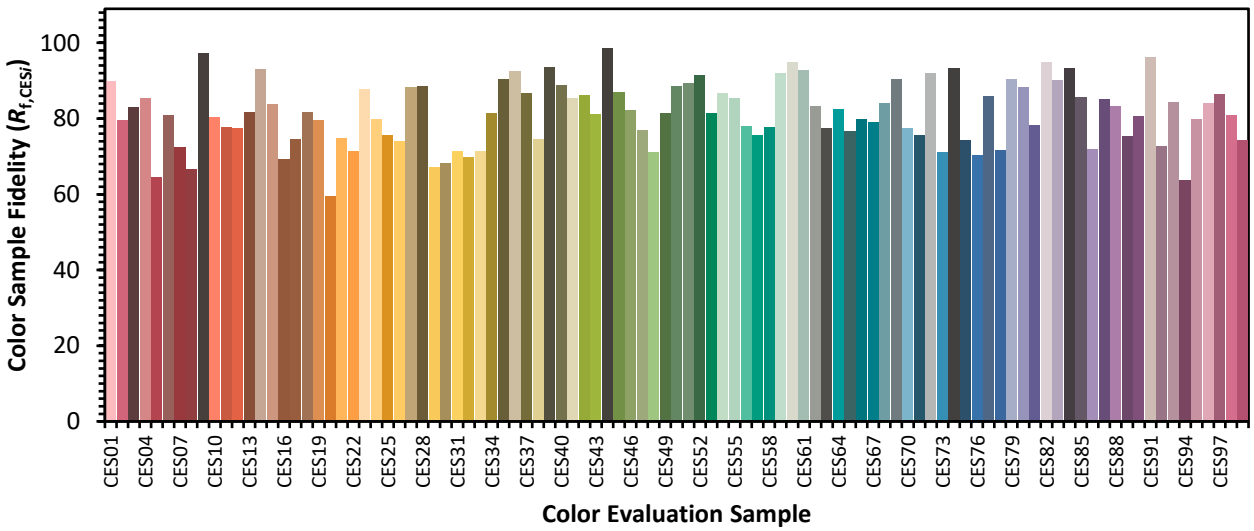
Individual Sample Fidelity Index ($R_{f,i}$)

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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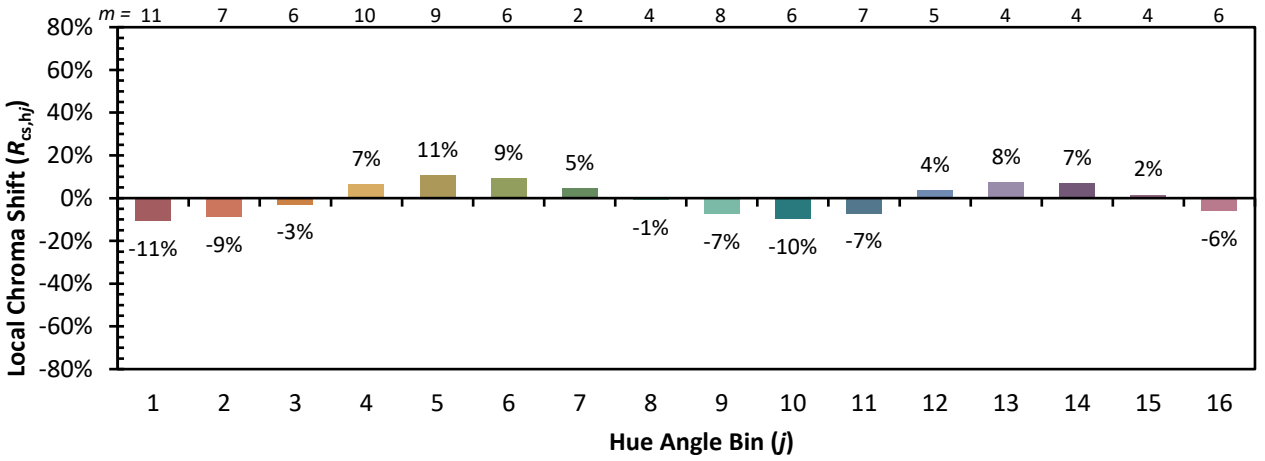
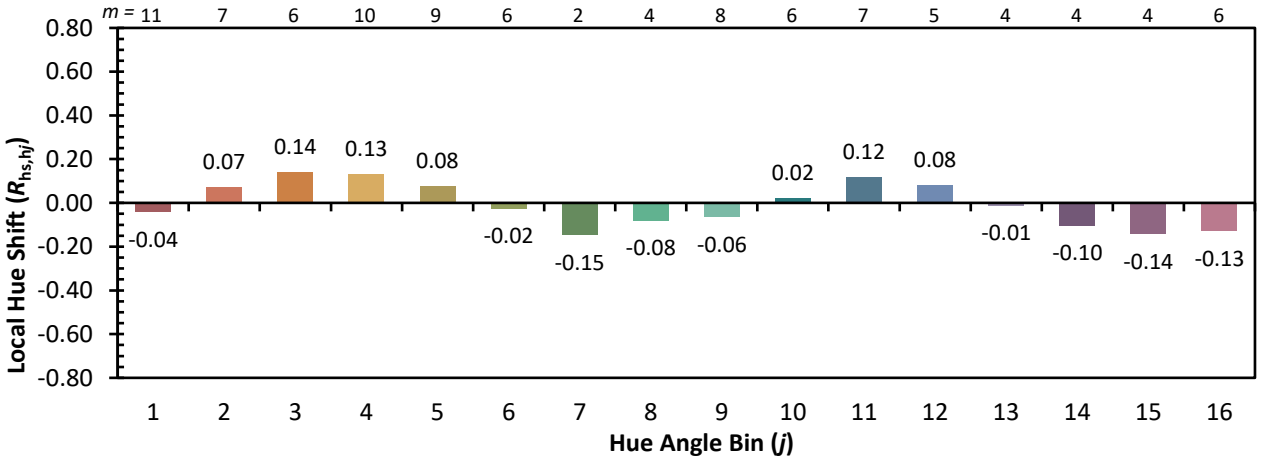
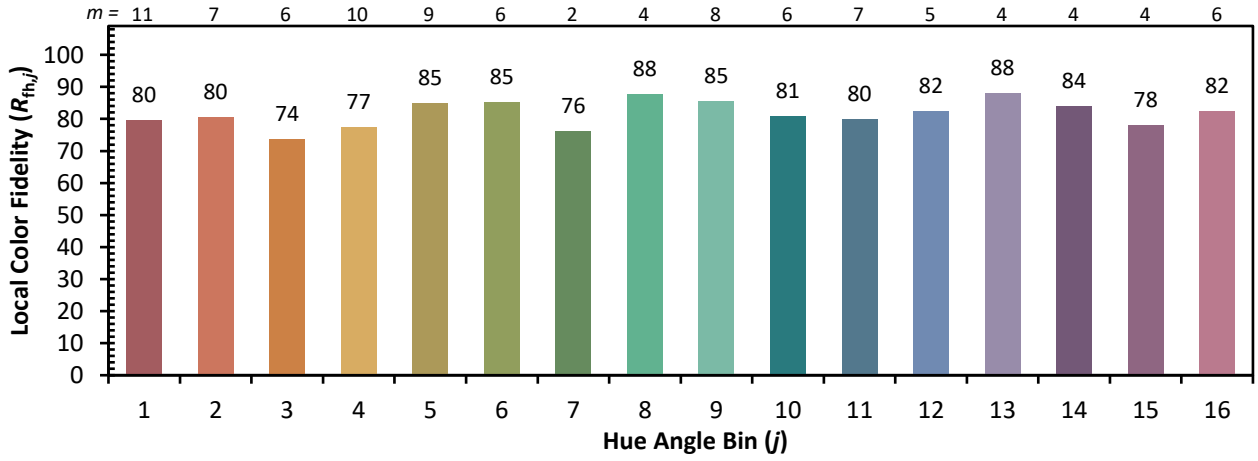
Color Rendition by Hue-Angle Bin







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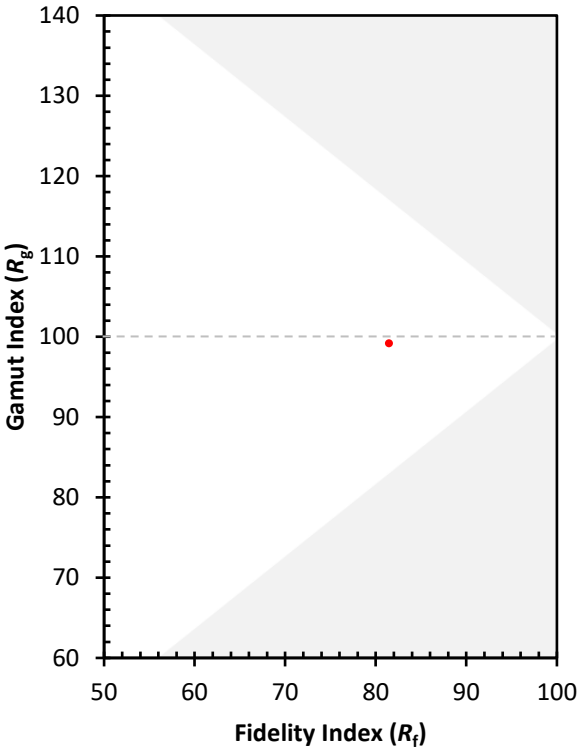
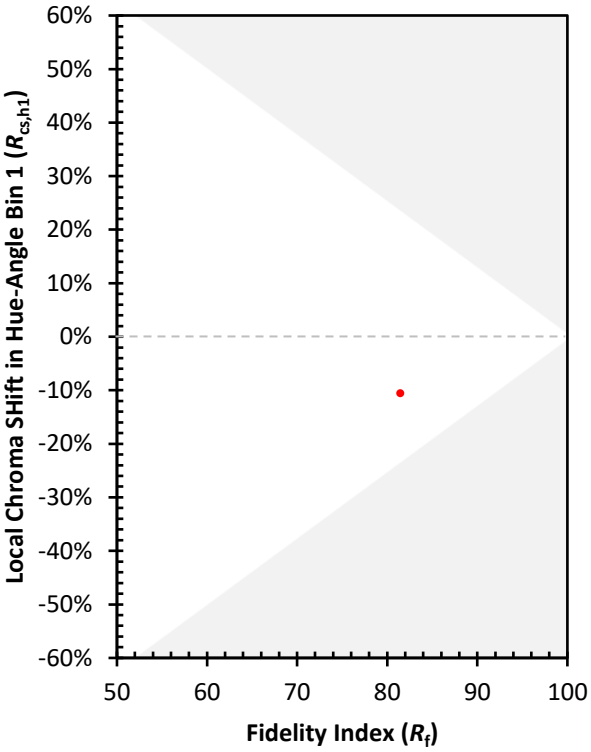
Measure Comparisons





(END OF REPORT)