Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P319830

Luminaire Tested: **GLEON-SA6A-830-U-SL3**

Issue Date: 3/3/2020

Report Generated By E0585644

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P319830
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-22)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA6A-830-U-SL3
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22150 lumens
Efficiency:	N/A
Efficacy:	114.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G4

Input Watts (W):	193
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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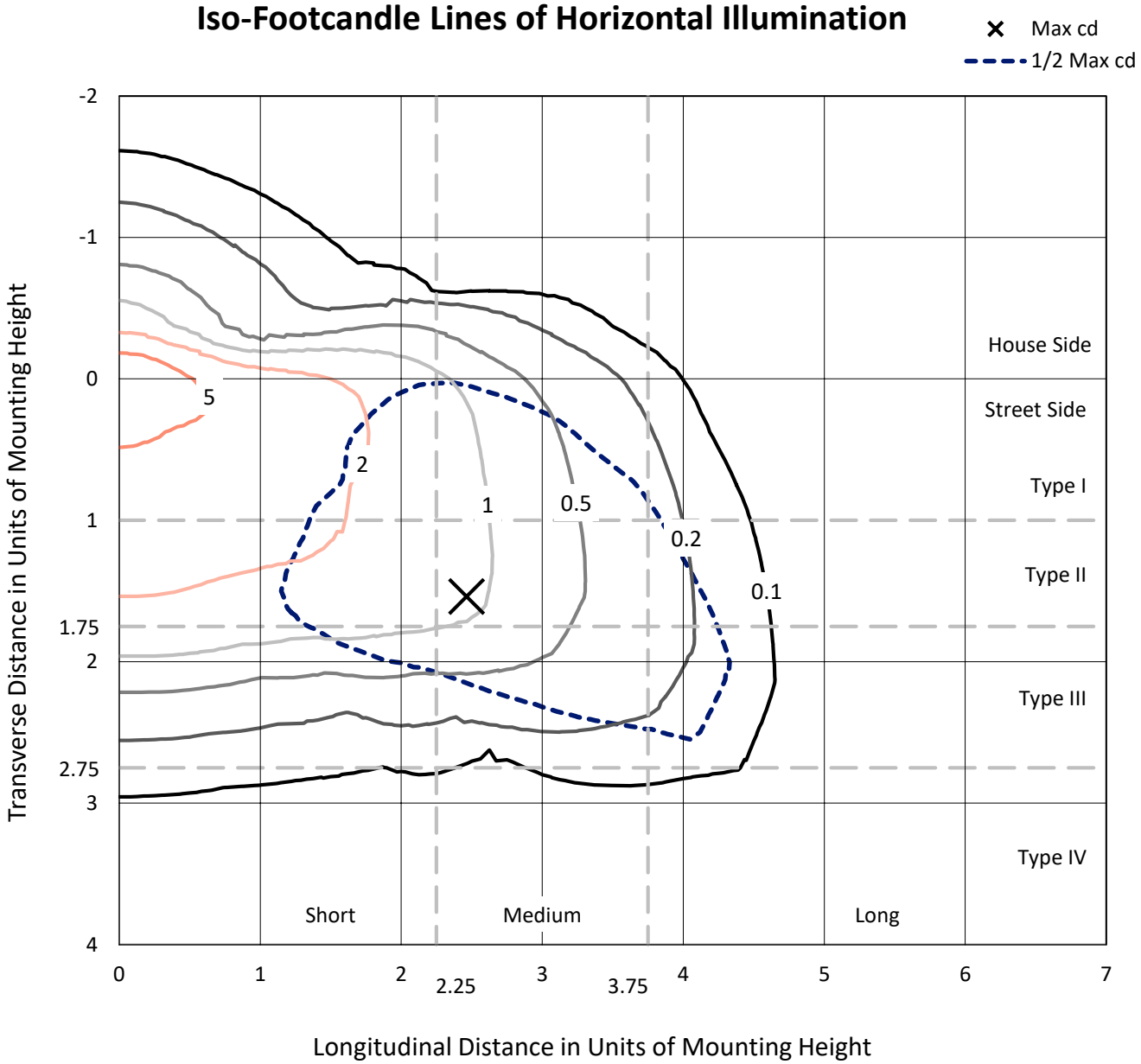
REPORT NUMBER: P319830
CATALOG NUMBER: GLEON-SA6A-830-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.8 fc
Type III - Medium - N/A

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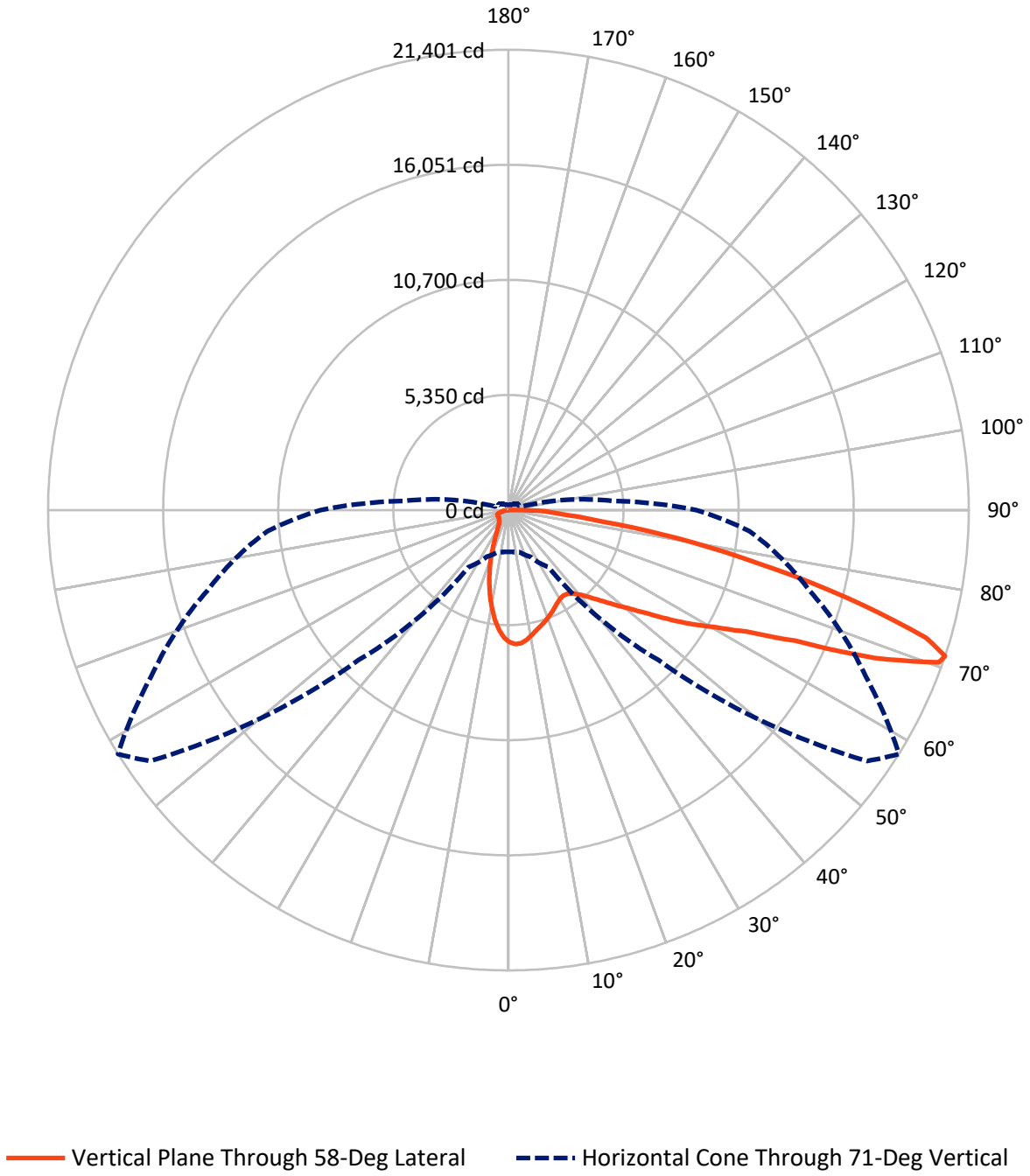
Luminous Intensity Polar Plot



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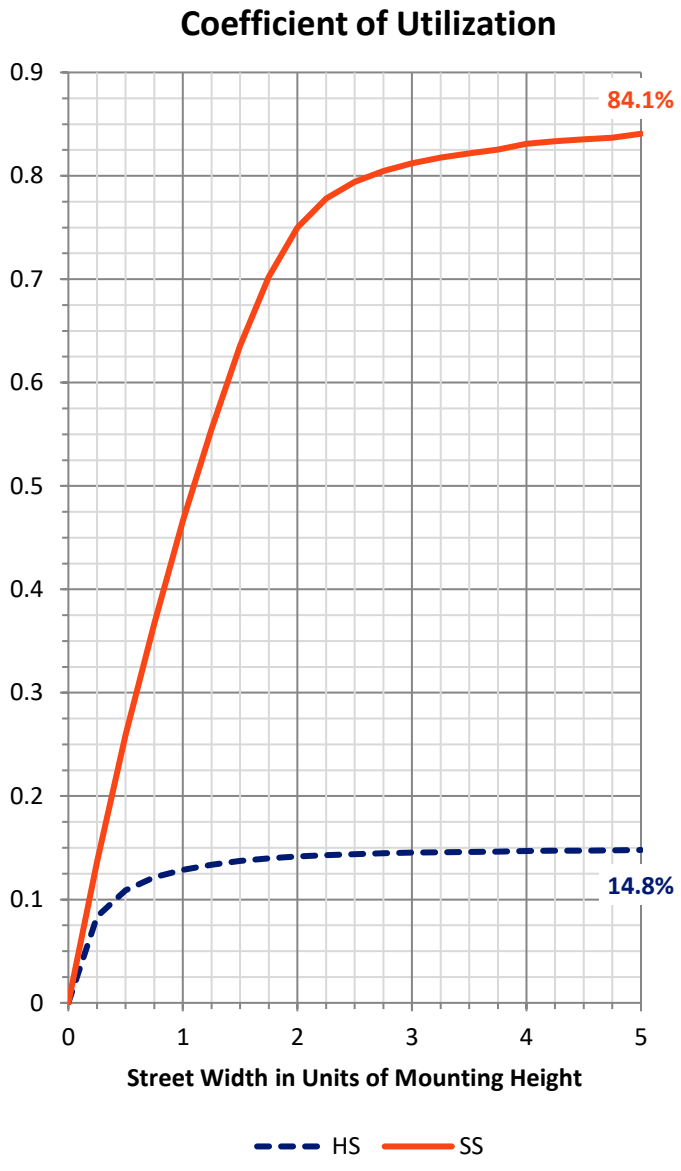
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3311.6	0.0	3311.6
	% Fixture	15.0	0.0	15.0
Street Side	Lumens	18838.4	0.0	18838.4
	% Fixture	85.0	0.0	85.0
Total	Lumens	22150.0	0.0	22150.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	529.4	2.4
10°-20°	1177.3	5.3
20°-30°	1496.2	6.8
30°-40°	1905.9	8.6
40°-50°	2702.6	12.2
50°-60°	4182.4	18.9
60°-70°	5693.8	25.7
70°-80°	3798.4	17.1
80°-90°	664.1	3.0
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°	22150.0	100.0
0°-180°	22150.0	100.0



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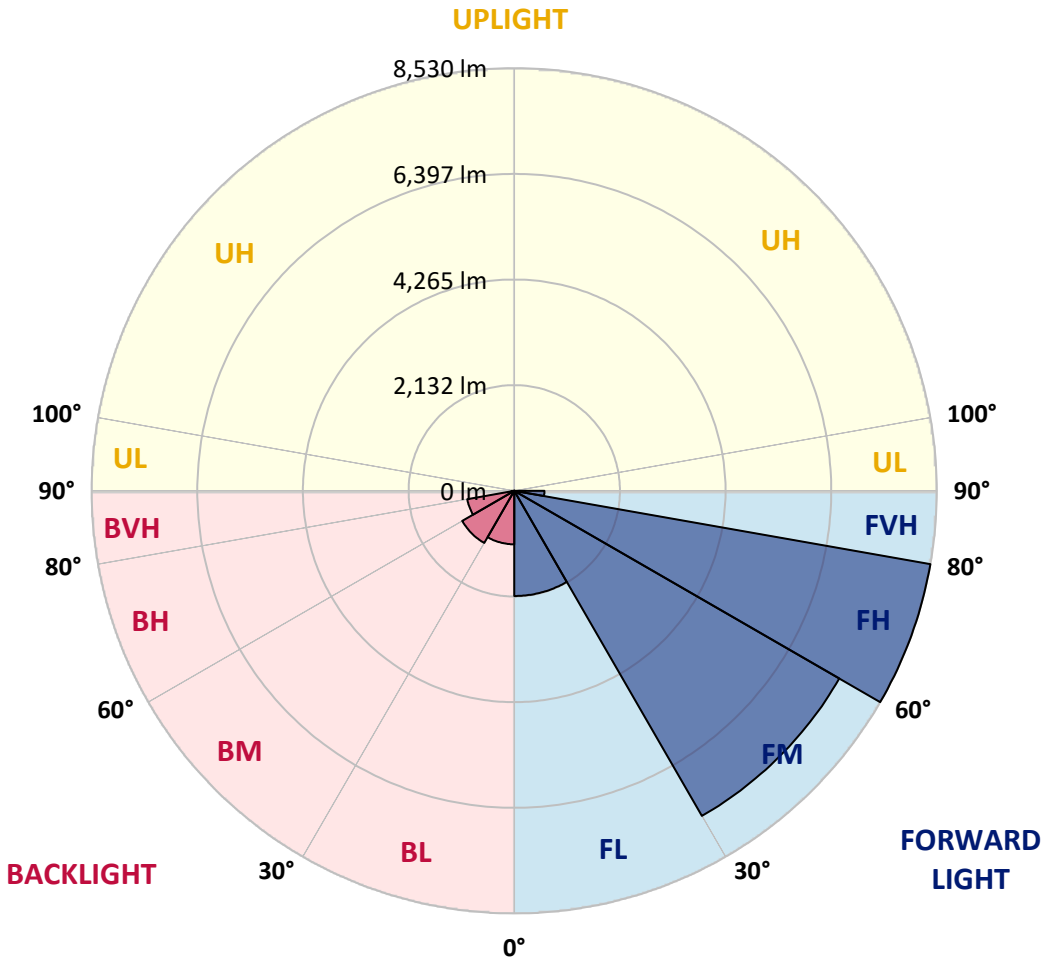
REPORT NUMBER: P319830
CATALOG NUMBER: GLEON-SA6A-830-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2123.4	9.6			
FM	(30°-60°)	7576.4	34.2			
FH	(60°-80°)	8529.7	38.5			G4/12000
FVH	(80°-90°)	608.9	2.7			G4/750
BL	(0°-30°)	1079.5	4.9	B3/2500		
BM	(30°-60°)	1214.5	5.5	B2/2500		
BH	(60°-80°)	962.5	4.3	B2/1000		G2/1000
BVH	(80°-90°)	55.2	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Medium



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REPORT NUMBER: P319830
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	*6137.0*	6137.0	6137.0	6137.0
2.5°	6299.8	6291.3	6294.4	6288.3	6273.6	6258.9	6237.3	*6241.2*	6211.1	6166.4	6110.8
5°	6181.0	6177.9	6201.1	6214.2	6225.0	6216.5	6210.3	*6218.0*	6174.1	6112.3	6015.9
7.5°	5931.8	5897.8	5927.2	5971.1	6012.8	6044.4	6086.1	*6091.5*	6063.7	5998.9	5872.4
10°	5577.6	5545.2	5588.4	5657.1	5740.4	5816.1	5900.2	*5915.6*	5921.0	5862.4	5708.8
12.5°	5210.4	5185.7	5228.9	5325.3	5463.5	5580.0	5714.2	*5737.4*	5785.2	5745.8	5557.6
15°	4881.7	4872.4	4924.9	5019.8	5178.7	5357.0	5550.6	*5593.1*	5674.1	5661.0	5439.5
17.5°	4597.8	4595.4	4635.6	4735.1	4911.0	5136.3	5387.8	*5459.6*	5580.0	5595.4	5342.3
20°	4386.3	4381.7	4409.5	4482.8	4664.1	4919.5	5211.9	*5310.7*	5484.3	5538.3	5242.0
22.5°	4272.9	4272.2	4272.9	4307.6	4455.8	4693.4	5040.6	*5161.0*	5390.9	5492.8	5130.9
25°	4253.6	4251.3	4234.4	4230.5	4314.6	4504.4	4870.9	*5003.6*	5302.2	5461.1	5025.2
27.5°	4303.8	4306.9	4284.5	4248.2	4265.2	4380.2	4723.5	*4865.5*	5231.2	5455.0	4951.9
30°	4408.0	4406.4	4387.1	4349.3	4316.1	4333.9	4618.6	*4760.6*	5183.4	5482.0	4901.8
32.5°	4522.9	4531.4	4527.5	4506.7	4457.3	4386.3	4587.0	*4725.8*	5169.5	5546.8	4880.2
35°	4661.0	4670.3	4698.1	4714.3	4656.4	4542.2	4654.9	*4775.2*	5209.6	5668.7	4914.9
37.5°	4792.2	4816.1	4894.0	4962.7	4913.3	4786.0	4835.4	*4921.0*	5333.8	5860.8	5008.2
40°	4943.4	4964.3	5091.6	5237.4	5229.7	5097.7	5126.3	*5183.4*	5553.0	6136.3	5177.2
42.5°	5092.3	5134.0	5318.4	5525.2	5584.6	5468.1	5513.6	*5543.7*	5861.6	6501.2	5471.9
45°	5290.6	5335.4	5591.5	5840.7	5979.6	5914.0	5986.6	*5998.1*	6249.7	6998.1	5900.2
47.5°	5590.8	5641.7	5940.3	6201.8	6414.0	6421.0	6540.6	*6535.9*	6734.2	7566.7	6439.5
50°	6058.3	6131.6	6376.2	6620.8	6878.5	7022.0	7181.7	*7159.4*	7315.2	8172.4	7060.6
52.5°	6671.0	6704.9	6886.2	7066.8	7387.0	7708.7	7937.9	*7917.8*	7974.1	8795.1	7765.8
55°	7306.0	7331.4	7406.3	7505.0	7935.5	8460.2	8944.8	*8913.1*	8770.4	9441.6	8462.5
57.5°	7876.9	7928.6	7980.3	8021.2	8488.0	9245.7	9974.8	*9977.1*	9634.5	10139.1	9182.4
60°	7965.6	8011.2	8353.0	8675.5	9433.2	10293.5	11077.4	*11054.2*	10528.8	10896.0	9984.8
62.5°	7041.3	7143.9	7714.9	8572.9	10343.6	12210.0	12483.9	*12455.4*	11598.2	11828.9	10919.2
65°	5046.0	5162.5	5851.6	7140.8	9902.3	14321.8	15022.4	*14638.1*	13056.4	12976.2	12013.3
67.5°	2911.1	2938.9	3237.5	4272.9	7539.7	14432.1	18894.9	*18357.1*	15321.0	14277.8	12548.7
70°	2152.7	2151.9	2222.9	2629.5	4080.0	11778.7	20736.6	*21218.8*	17705.1	14706.0	11791.8
71°	*1946.7*	*1949.0*	*2028.4*	*2393.4*	*3231.3*	*9859.1*	*20345.4*	*21400.9*	*18333.2*	*14494.6*	*11244.0*
72.5°	1665.0	1672.8	1783.1	2146.5	2718.2	6799.0	18660.3	*20308.4*	18631.0	13973.0	10386.8
75°	1263.1	1280.8	1433.6	1809.3	2484.4	3448.1	13695.3	*16216.8*	16550.8	12329.6	7718.0
77.5°	901.2	921.2	1094.1	1521.5	2361.8	2598.6	9171.6	*11828.9*	12179.9	7901.6	3481.3
80°	569.4	593.3	723.7	1210.6	2219.0	2467.5	5763.6	*7951.0*	6641.6	2528.4	885.8
82.5°	334.1	352.6	449.1	790.9	1812.4	2376.4	3391.0	*4407.2*	2584.7	763.8	402.8
85°	193.7	202.2	280.1	503.8	1316.3	2242.9	2491.4	*2463.6*	1121.9	373.4	190.6
87.5°	90.3	100.3	165.9	263.1	730.7	1625.7	1969.0	*1701.3*	697.5	175.1	89.5
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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Scaled Data Report

REPORT NUMBER: P319830
CATALOG NUMBER: GLEON-SA6A-830-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0	6137.0
2.5°	6083.8	6070.7	6015.9	5967.3	5916.4	5850.0	5776.7	5767.5	5722.7	5731.2	5715.8
5°	5963.4	5930.3	5798.3	5678.7	5537.5	5411.0	5273.6	5210.4	5119.3	5113.2	5090.0
7.5°	5791.4	5729.6	5525.2	5298.3	5071.5	4855.5	4641.7	4501.3	4357.8	4296.8	4291.4
10°	5597.7	5492.8	5191.9	4856.2	4529.1	4213.5	3908.0	3681.9	3478.2	3381.8	3377.9
12.5°	5414.1	5259.0	4846.2	4389.4	3941.9	3533.0	3114.0	2817.0	2561.6	2476.0	2439.7
15°	5258.2	5039.9	4509.8	3925.7	3382.5	2814.7	2337.8	2025.4	1789.3	1707.5	1692.0
17.5°	5107.0	4826.1	4164.9	3457.4	2800.8	2176.6	1699.0	1466.7	1341.0	1307.8	1307.0
20°	4956.5	4606.2	3804.6	2978.2	2238.3	1628.0	1306.3	1202.1	1159.7	1155.8	1149.6
22.5°	4786.0	4373.2	3425.8	2497.6	1746.8	1280.0	1110.3	1068.6	1063.2	1077.1	1077.1
25°	4626.3	4141.8	3041.5	2026.9	1358.7	1067.8	991.5	983.0	997.6	1022.3	1024.6
27.5°	4477.4	3918.8	2666.5	1608.7	1088.7	940.5	908.9	918.9	945.2	973.7	974.5
30°	4354.7	3708.1	2302.4	1267.7	919.7	845.6	840.2	860.3	888.8	911.2	916.6
32.5°	4259.8	3528.4	1950.5	1019.2	809.4	774.7	779.3	796.3	814.0	826.3	834.8
35°	4215.8	3374.1	1625.7	859.5	739.2	719.9	726.0	735.3	743.0	752.3	759.2
37.5°	4223.5	3254.5	1335.6	760.0	692.1	682.1	682.1	682.1	682.1	686.7	687.5
40°	4295.3	3185.8	1099.5	696.7	660.5	649.7	641.2	633.5	627.3	630.4	628.8
42.5°	4478.9	3179.6	926.6	656.6	635.0	617.3	600.3	589.5	581.8	584.8	586.4
45°	4790.6	3256.8	810.1	628.1	611.1	584.1	562.5	550.9	545.5	555.5	557.1
47.5°	5194.2	3425.0	739.2	607.2	588.7	553.2	530.1	519.3	520.8	535.5	539.3
50°	5714.2	3698.1	705.2	594.1	573.3	527.0	503.1	493.8	498.4	519.3	523.9
52.5°	6285.2	4091.6	709.1	590.2	563.2	507.7	482.2	471.4	479.1	498.4	502.3
55°	6944.1	4564.6	773.1	595.6	548.6	495.3	465.3	446.7	452.9	470.7	473.7
57.5°	7676.3	5106.2	902.0	594.1	530.1	483.8	447.5	419.7	424.4	435.2	438.2
60°	8438.6	5760.5	1101.8	598.7	521.6	469.9	423.6	388.9	387.3	396.6	398.1
62.5°	9353.7	6517.4	1330.2	601.8	527.0	452.1	392.0	358.0	353.4	355.7	357.2
65°	10296.5	7065.2	1244.5	589.5	544.0	437.5	364.2	327.9	319.4	317.9	318.7
67.5°	10325.9	6478.1	872.6	564.8	550.9	429.8	343.3	302.5	288.6	283.2	282.4
70°	9260.3	5262.8	679.7	538.6	523.1	417.4	324.1	281.6	260.8	252.3	251.5
71°	*8740.3*	*4844.7*	*644.3*	*525.4*	*502.3*	*405.1*	*315.6*	*272.4*	*250.8*	*241.5*	*240.0*
72.5°	7924.7	4343.1	601.0	504.6	462.2	373.4	299.4	259.2	236.9	226.1	223.8
75°	5687.2	2840.1	516.2	449.8	382.7	297.8	262.3	233.0	213.7	200.6	199.1
77.5°	2191.2	1130.3	390.4	374.2	293.2	233.0	216.0	201.4	187.5	174.4	173.6
80°	677.4	505.4	284.7	281.6	212.2	173.6	168.2	164.3	158.9	145.1	142.0
82.5°	361.9	290.1	196.0	182.1	138.9	115.7	121.9	123.5	124.2	109.6	108.0
85°	172.8	153.5	110.3	103.4	81.0	64.8	74.8	81.0	81.8	67.1	62.5
87.5°	82.6	80.2	51.7	39.3	30.1	21.6	26.2	32.4	35.5	25.5	22.4
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: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

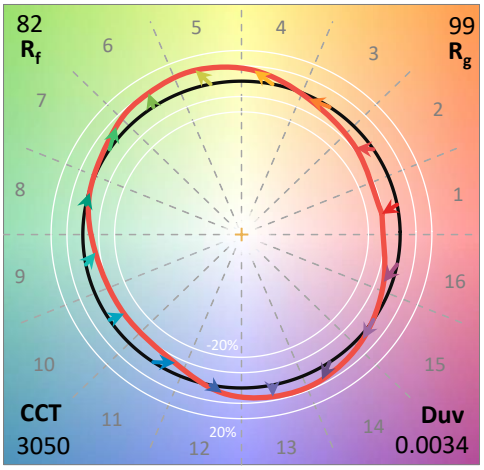
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

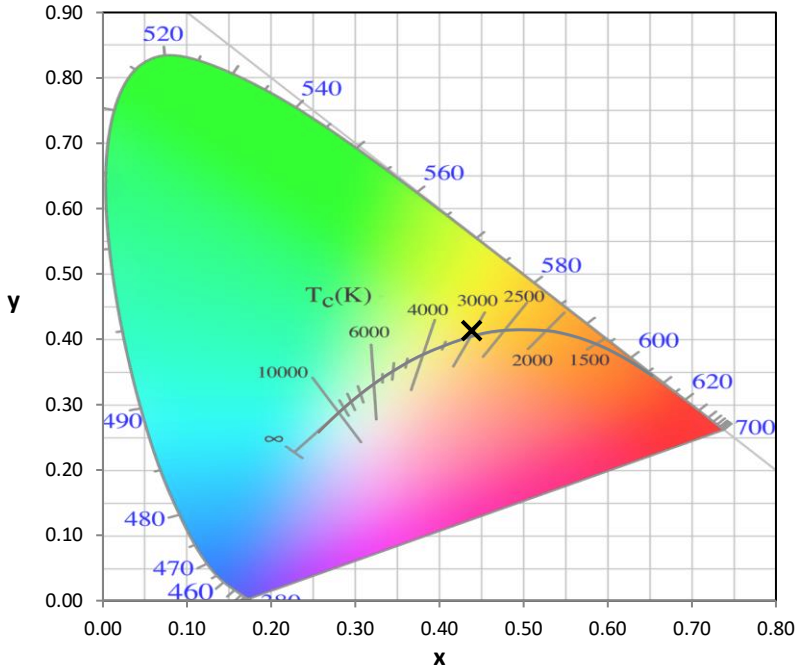
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

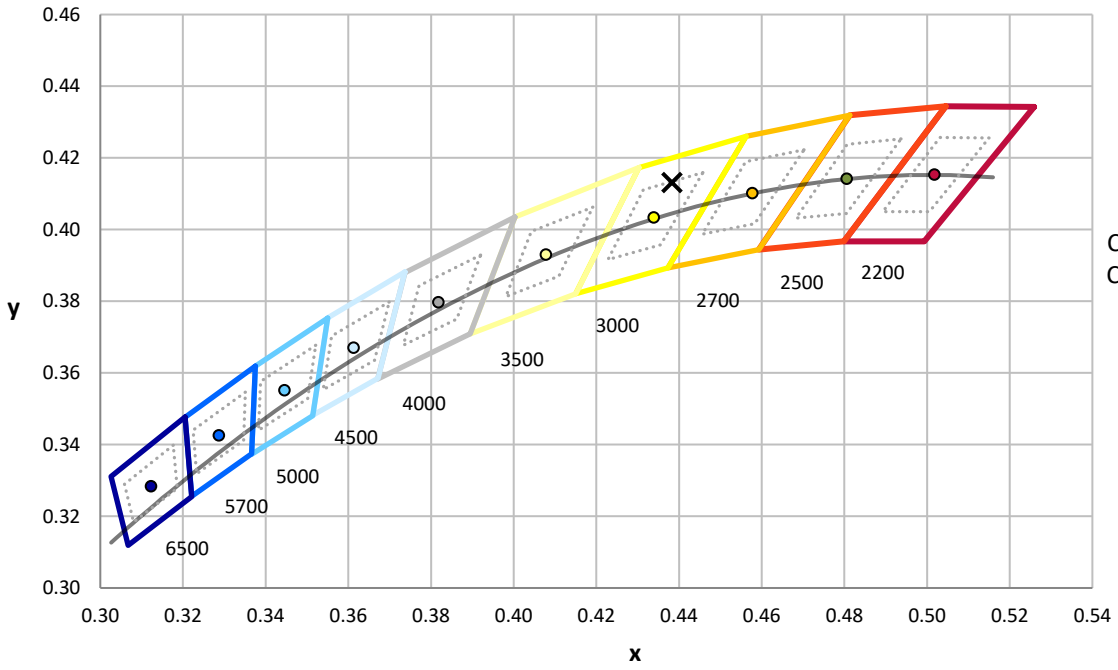
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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



CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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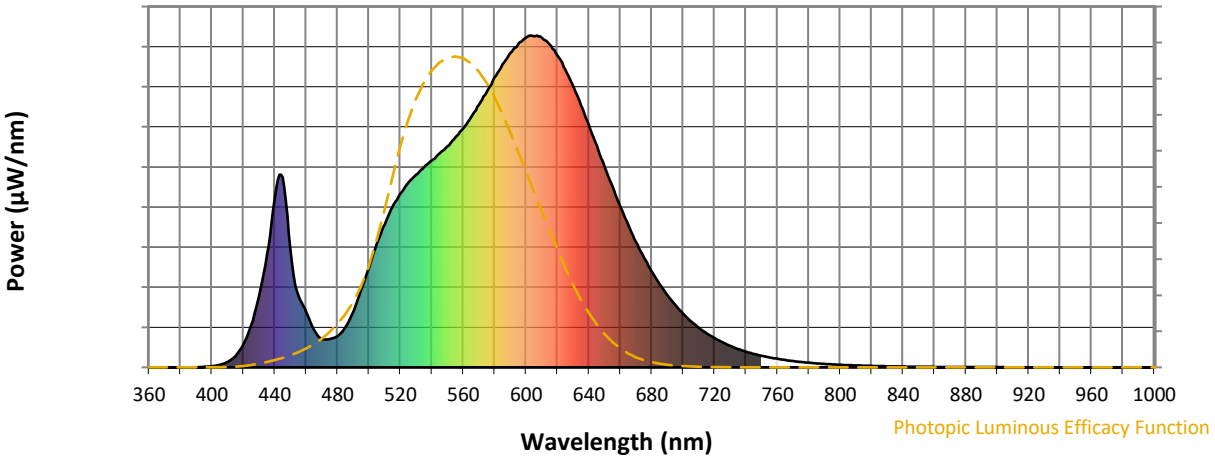
Photopic Flux vs. Wavelength



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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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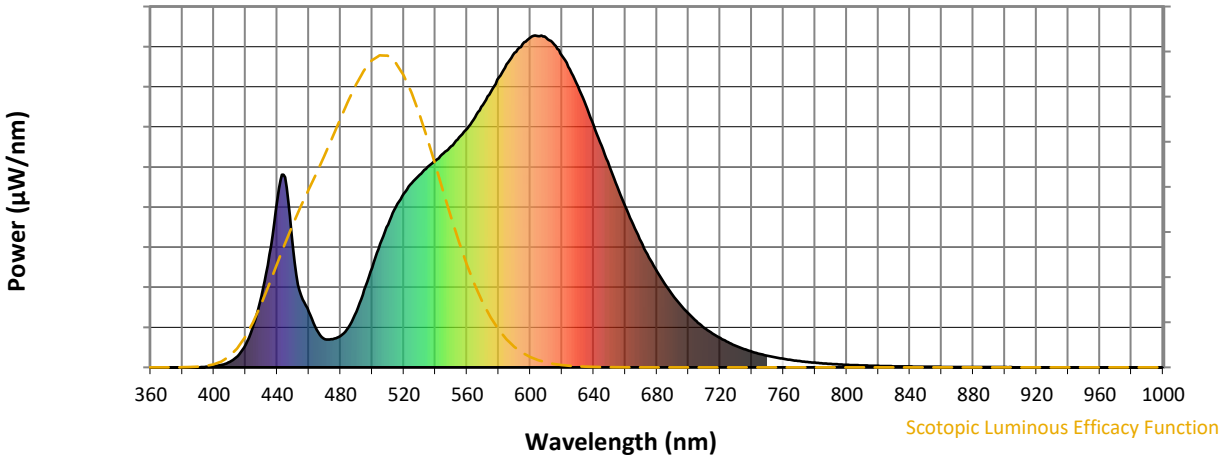
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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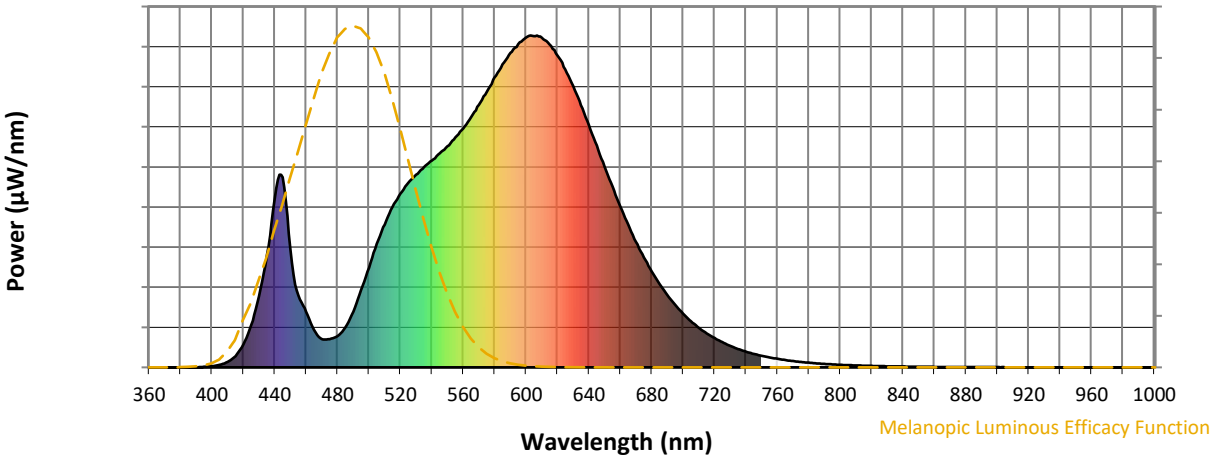
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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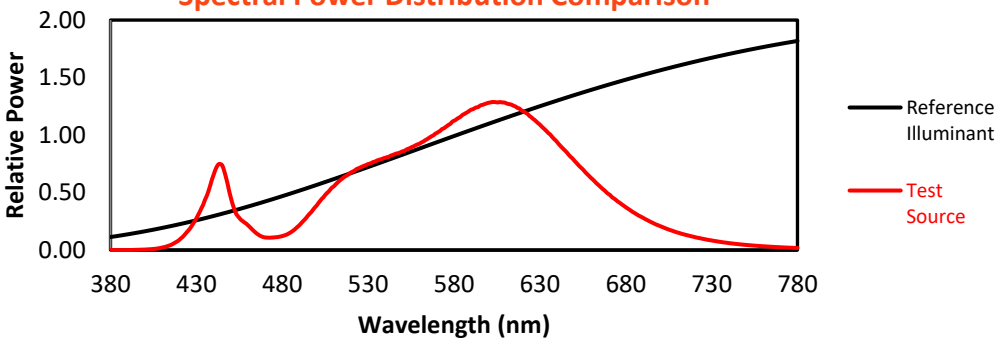
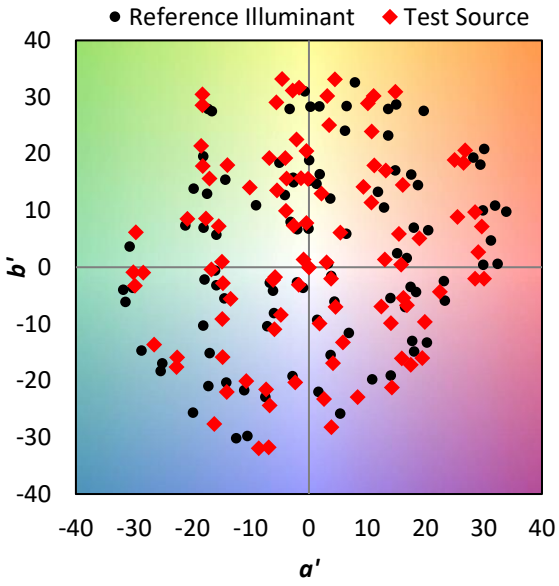
Summary

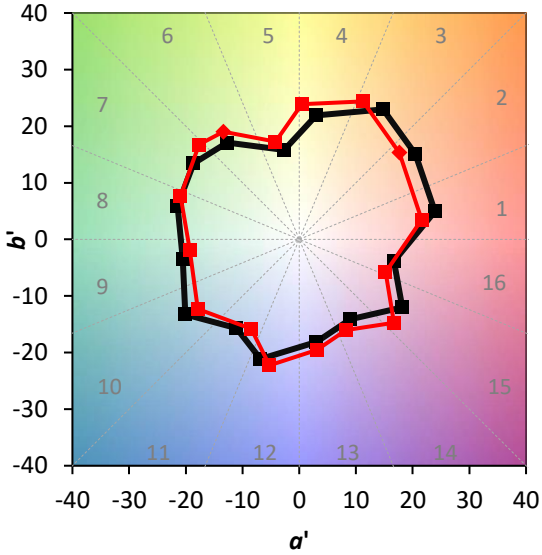
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

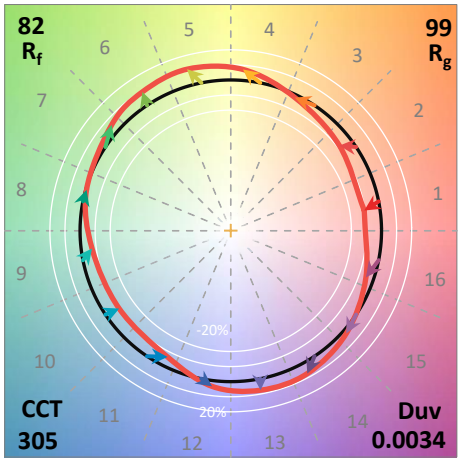
Spectral Power Distribution Comparison

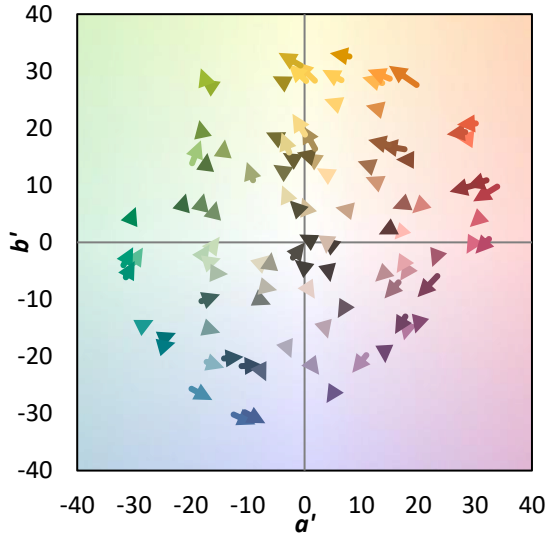


Color Vector Graphics









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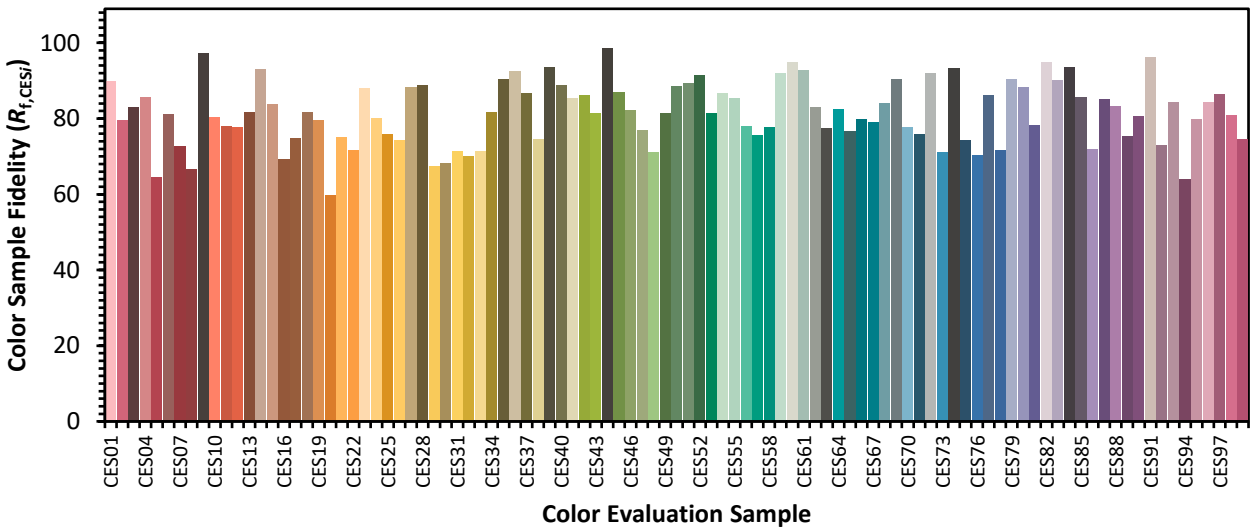
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	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 = 94
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 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	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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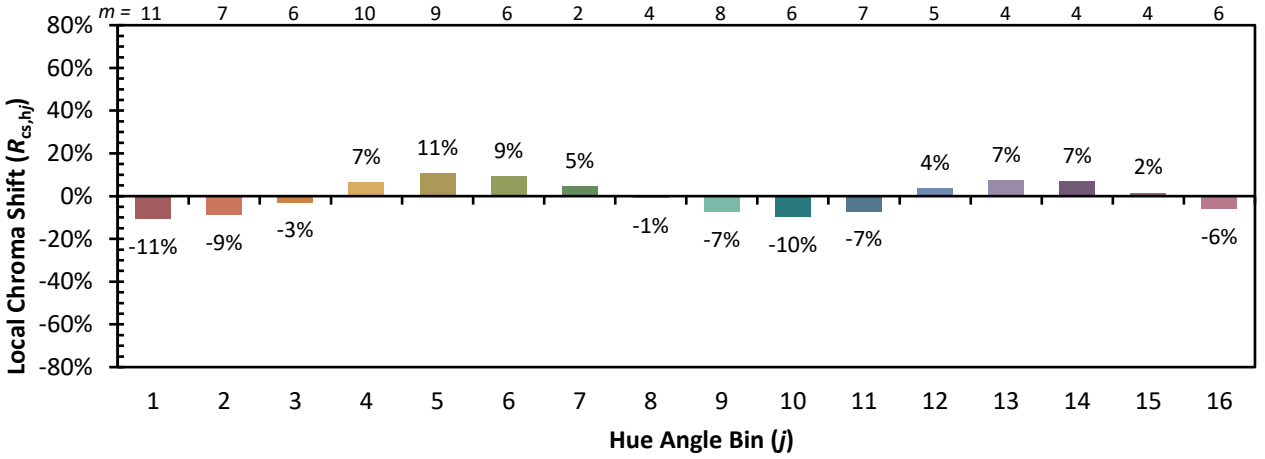
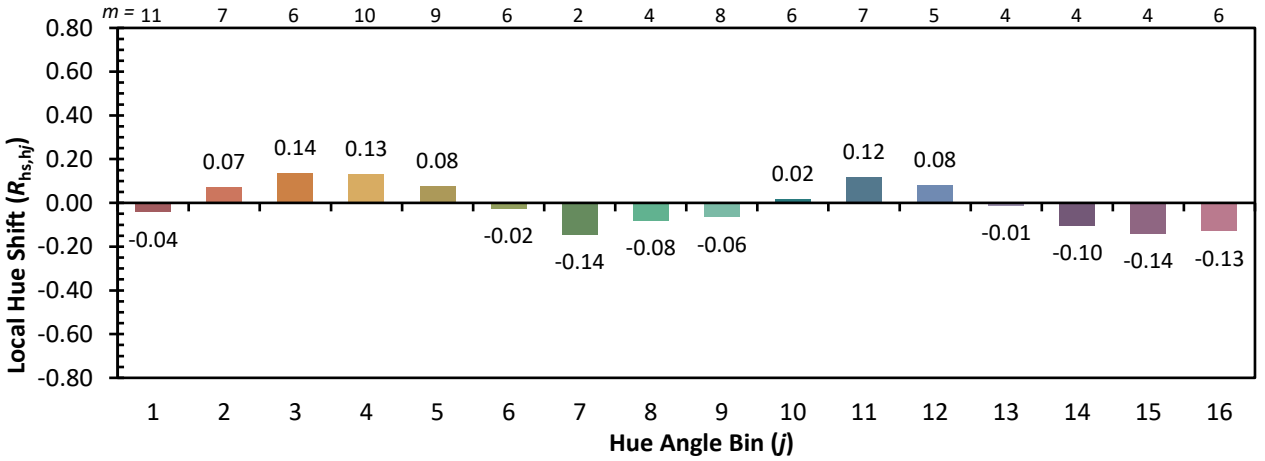
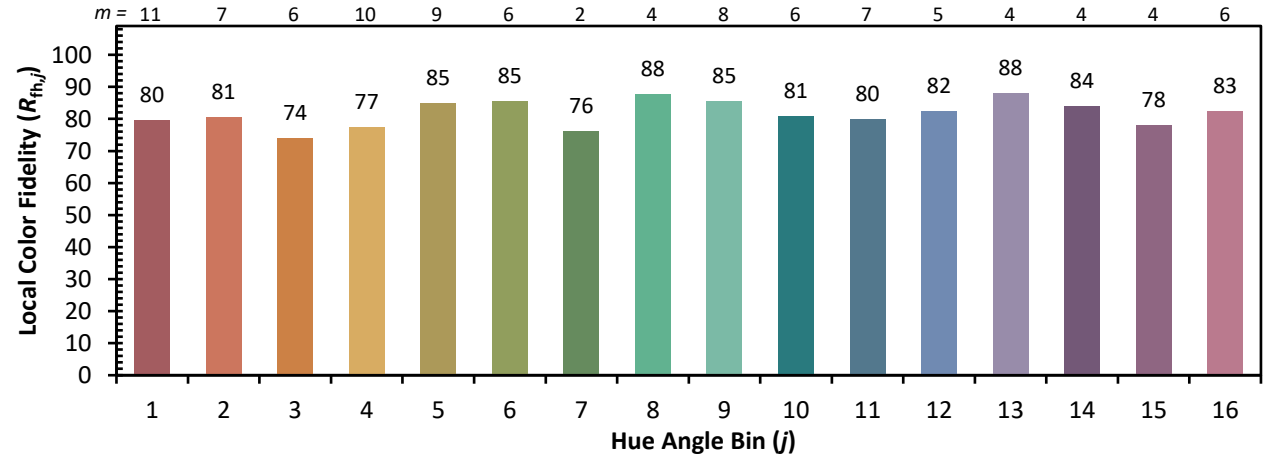
Color Rendition by Hue-Angle Bin







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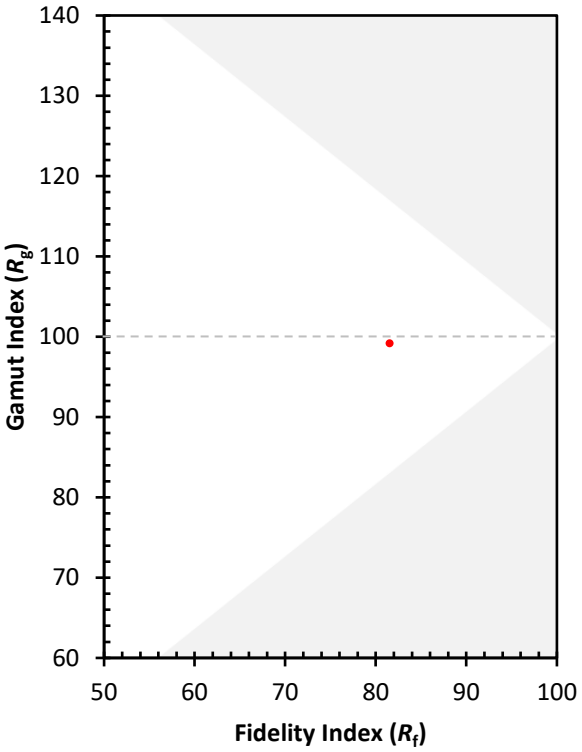
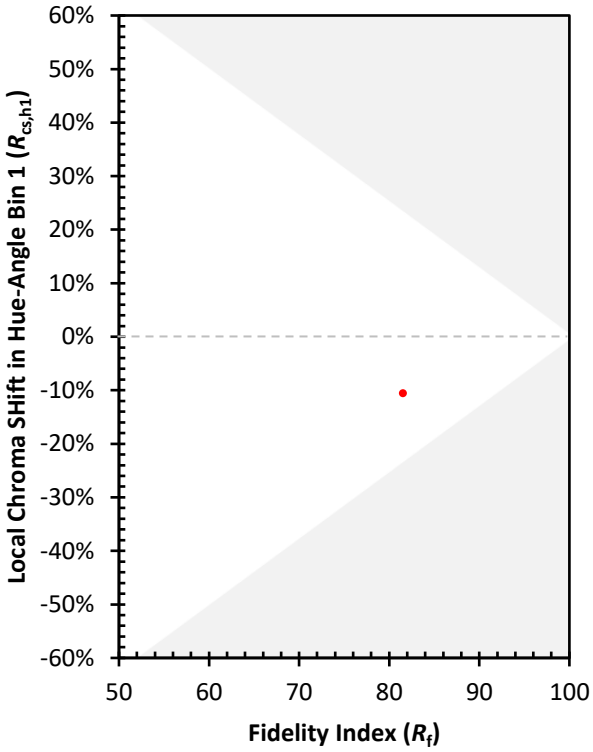
Measure Comparisons





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