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: P322090

Luminaire Tested: **GLEON-SA6C-830-U-T2-HSS**

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:	P322090
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA6C-830-U-T2-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23915 lumens
Efficiency:	N/A
Efficacy:	71.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G4

Input Watts (W):	333
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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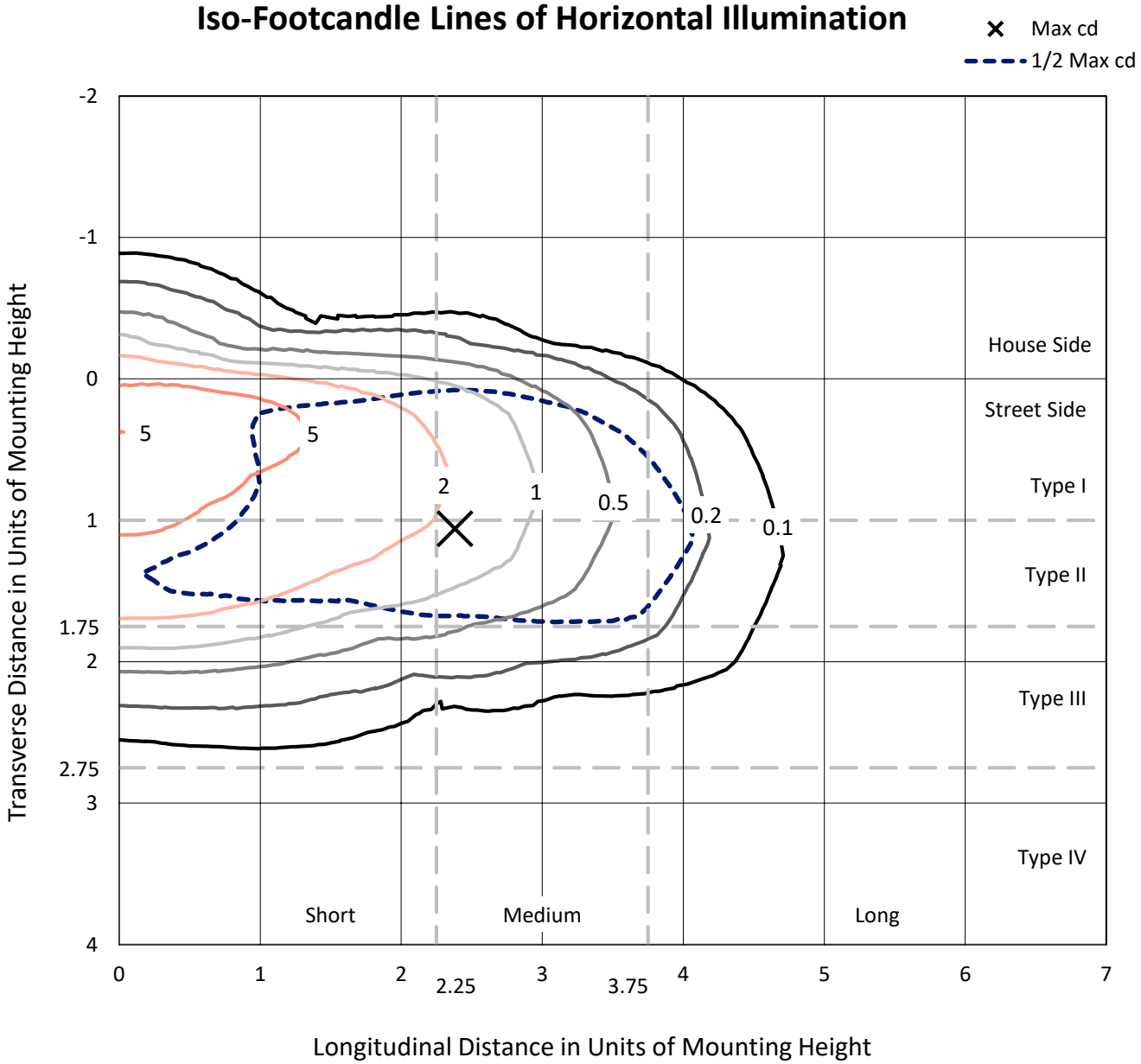
Scaled Data Report

REPORT NUMBER: P322090
CATALOG NUMBER: GLEON-SA6C-830-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
Type II - Medium - N/A

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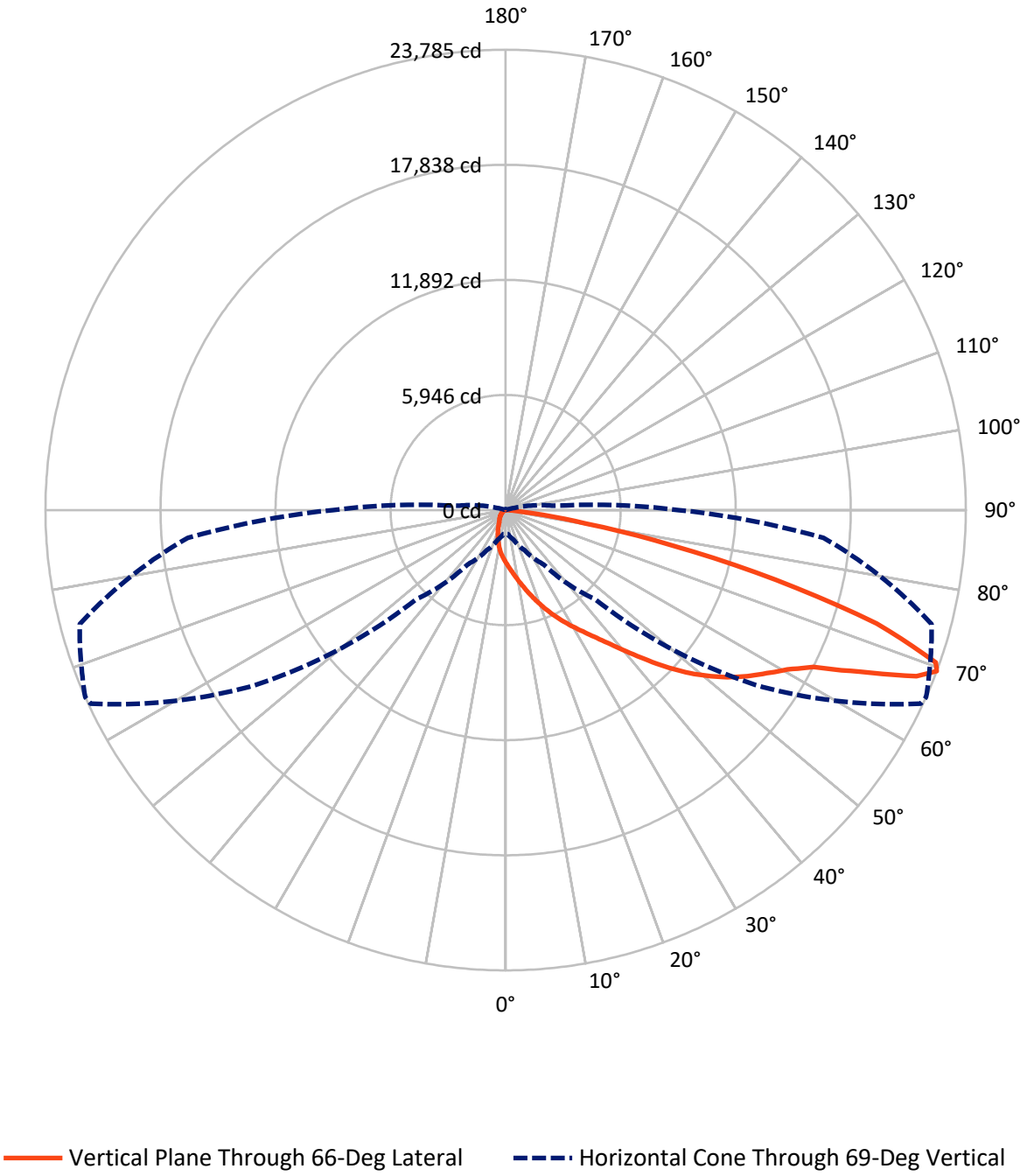
Luminous Intensity Polar Plot



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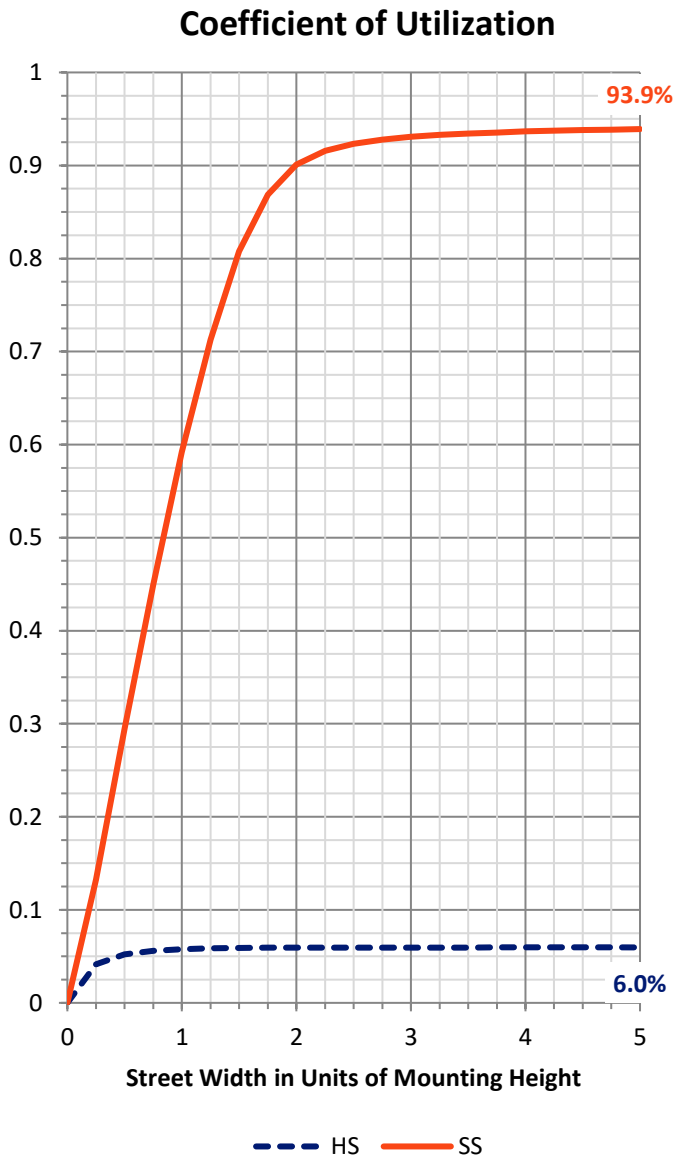
CATALOG NUMBER: GLEON-SA6C-830-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1434.6	0.0	1434.6
	% Fixture	6.0	0.0	6.0
Street Side	Lumens	22480.4	0.0	22480.4
	% Fixture	94.0	0.0	94.0
Total	Lumens	23915.0	0.0	23915.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.1	1.1
10°-20°	783.0	3.3
20°-30°	1363.4	5.7
30°-40°	2392.2	10.0
40°-50°	4004.1	16.7
50°-60°	5885.6	24.6
60°-70°	6043.1	25.3
70°-80°	2983.3	12.5
80°-90°	197.3	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°	23915.0	100.0
0°-180°	23915.0	100.0



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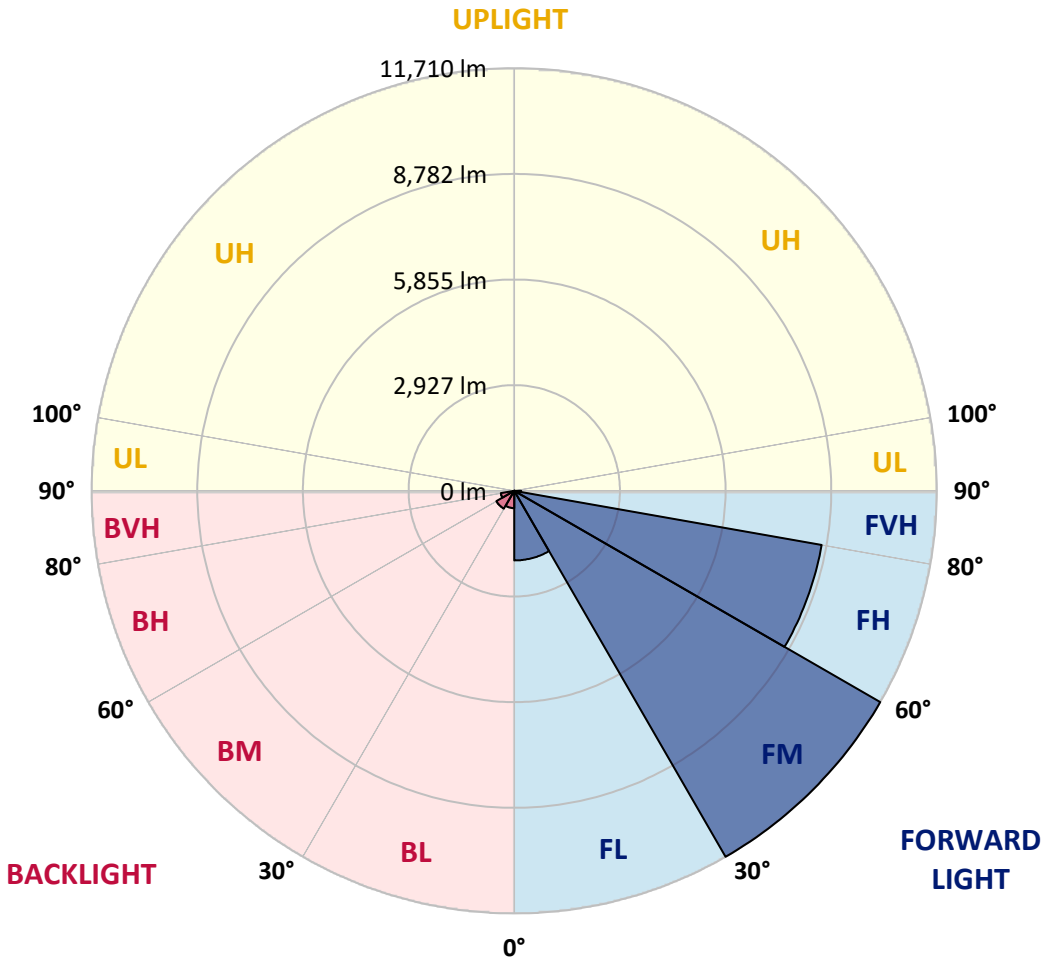
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1929.7	8.1			
FM	(30°-60°)	11709.9	49.0			
FH	(60°-80°)	8648.3	36.2			G4/12000
FVH	(80°-90°)	192.5	0.8			G2/225
BL	(0°-30°)	479.8	2.0	B1/500		
BM	(30°-60°)	572.0	2.4	B1/1000		
BH	(60°-80°)	378.1	1.6	B1/500		G1/500
BVH	(80°-90°)	4.8	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-G4
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	*2721.6*	2721.6	2721.6
2.5°	3203.2	3189.6	3183.9	3158.9	3115.8	3082.8	3019.2	2945.4	*2931.7*	2860.2	2772.7
5°	3619.0	3607.6	3599.7	3564.4	3520.1	3437.2	3321.4	3183.9	*3157.8*	3021.5	2846.6
7.5°	3908.6	3929.1	3929.1	3906.3	3850.7	3788.2	3646.2	3458.8	*3425.9*	3216.9	2945.4
10°	4077.9	4102.9	4122.2	4141.5	4133.5	4108.5	3974.5	3763.2	*3723.5*	3446.3	3060.1
12.5°	4093.8	4118.8	4173.3	4253.9	4332.3	4389.1	4305.0	4100.6	*4055.1*	3712.1	3196.4
15°	4005.2	4031.3	4115.3	4272.1	4461.8	4627.6	4654.9	4474.3	*4427.7*	4029.0	3366.8
17.5°	3850.7	3867.7	3988.1	4205.1	4502.7	4807.1	4971.8	4875.3	*4832.1*	4391.4	3556.5
20°	3736.0	3748.5	3854.1	4086.9	4477.7	4919.6	5271.7	5301.2	*5255.8*	4779.8	3762.1
22.5°	3932.5	3955.2	3958.6	4068.8	4409.5	4975.2	5535.2	5720.4	*5686.3*	5192.2	3964.3
25°	4469.7	4495.9	4409.5	4341.4	4467.5	5000.2	5761.3	6149.7	*6122.5*	5636.3	4167.6
27.5°	5179.7	5206.9	5095.6	4892.3	4770.8	5094.5	5962.3	6585.9	*6584.8*	6106.6	4386.8
30°	5877.1	5904.4	5790.8	5587.5	5308.0	5361.4	6136.1	7042.5	*7049.4*	6591.6	4619.7
32.5°	6608.6	6642.7	6525.7	6264.5	5972.5	5822.6	6380.3	7501.4	*7540.1*	7153.9	4882.1
35°	7440.1	7444.7	7279.9	7006.2	6670.0	6439.4	6772.2	8016.0	*8108.0*	7850.2	5214.9
37.5°	8255.7	8288.6	8153.5	7721.8	7412.8	7151.6	7354.9	8658.9	*8789.6*	8701.0	5649.9
40°	8860.0	8929.3	8910.0	8444.2	8151.2	7964.9	8078.5	9423.4	*9589.2*	9691.5	6198.6
42.5°	9239.4	9291.6	9380.2	9099.7	8833.9	8864.5	8932.7	10313.9	*10518.4*	10820.5	6829.0
45°	9674.4	9699.4	9773.2	9649.4	9470.0	9778.9	9839.1	11316.9	*11531.6*	12034.8	7528.7
47.5°	10206.0	10265.1	10285.5	10171.9	10090.2	10587.7	10712.6	12229.0	*12530.1*	13335.4	8269.3
50°	10883.0	10898.9	10934.1	10860.3	10778.5	11282.8	11496.4	13186.6	*13460.4*	14640.5	8999.7
52.5°	11545.2	11602.0	11724.7	11678.1	11645.2	11874.6	12195.0	14049.9	*14355.4*	15728.7	9728.9
55°	11736.1	11784.9	12208.6	12498.2	12766.3	12603.9	12862.9	14823.4	*15154.0*	16701.1	10430.9
57.5°	10973.9	11072.7	11806.5	12560.7	13672.8	13737.5	13780.7	15617.4	*15913.9*	17446.2	11161.3
60°	9047.4	9066.7	10270.8	11564.5	13522.8	14726.9	15121.0	16470.5	*16719.2*	18140.2	12035.9
62.5°	5754.4	5951.0	7272.0	9098.5	11937.1	14583.8	16742.0	17760.9	*17851.7*	18972.8	13290.0
65°	2740.9	2868.1	3820.0	5621.5	8646.4	12751.6	17860.8	20095.1	*20136.0*	20623.3	14965.4
67.5°	1517.6	1578.9	2032.1	3026.0	5054.7	9017.9	17408.7	22859.9	*22898.5*	22309.0	16435.3
69°	*1187.0*	*1239.3*	*1595.9*	*2280.9*	*3427.0*	*6481.4*	*15753.7*	*23669.8*	*23784.5*	*22791.7*	*16487.5*
70°	1007.5	1058.7	1374.4	1926.5	2755.7	5008.2	14022.6	23468.7	*23590.3*	22746.3	16097.9
72.5°	616.8	646.3	915.5	1356.3	1847.0	2519.4	8647.6	19847.5	*20053.1*	20865.3	13835.2
75°	415.7	431.6	572.5	936.0	1321.0	1297.2	4492.5	13989.7	*14435.0*	16230.8	10218.5
77.5°	297.6	312.4	383.9	605.4	925.8	856.5	2034.4	8694.1	*8789.6*	9734.6	5572.7
80°	169.2	182.9	271.5	360.1	628.1	571.4	808.8	4152.8	*4200.5*	4174.4	1860.6
82.5°	88.6	100.0	148.8	237.4	403.2	373.7	336.2	1390.3	*1397.2*	1162.0	407.8
85°	17.0	20.4	73.8	162.4	207.9	162.4	137.4	326.0	*332.8*	294.2	101.1
87.5°	0.0	1.1	29.5	36.3	40.9	42.0	44.3	63.6	*68.2*	92.0	27.3
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: P322090
CATALOG NUMBER: GLEON-SA6C-830-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6
2.5°	2734.1	2693.2	2614.8	2524.0	2453.5	2384.2	2329.7	2272.9	2252.5	2242.3	2241.1
5°	2761.4	2675.0	2509.2	2338.8	2199.1	2067.3	1973.0	1883.3	1841.3	1822.0	1814.0
7.5°	2806.8	2668.2	2401.3	2141.2	1940.1	1775.4	1644.8	1547.1	1498.2	1477.8	1469.8
10°	2860.2	2659.1	2275.2	1932.2	1675.4	1505.1	1375.6	1279.0	1225.6	1202.9	1191.6
12.5°	2922.7	2643.2	2129.8	1720.9	1449.4	1279.0	1122.3	1003.0	941.7	915.5	903.0
15°	2999.9	2627.3	1977.6	1522.1	1250.6	1042.8	871.2	790.6	778.1	773.5	774.7
17.5°	3076.0	2602.3	1811.8	1325.6	1041.6	814.4	727.0	722.4	724.7	724.7	724.7
20°	3144.2	2545.5	1631.1	1157.5	842.8	687.2	669.0	661.1	655.4	650.9	645.2
22.5°	3197.5	2469.4	1457.4	990.5	688.4	629.3	600.9	575.9	555.5	541.8	535.0
25°	3233.9	2368.3	1298.3	830.3	619.1	572.5	521.4	479.3	447.5	428.2	420.3
27.5°	3261.2	2259.3	1156.3	695.2	571.4	506.6	439.6	389.6	356.7	339.6	332.8
30°	3280.5	2135.5	1031.4	611.1	518.0	437.3	365.8	316.9	293.1	284.0	279.4
32.5°	3298.6	1998.0	913.3	571.4	468.0	373.7	306.7	269.2	254.4	243.1	239.7
35°	3344.1	1870.8	800.8	529.3	416.9	319.2	263.5	236.3	221.5	214.7	212.4
37.5°	3452.0	1776.5	692.9	486.2	365.8	276.0	230.6	211.3	197.6	190.8	188.6
40°	3625.8	1728.8	602.0	439.6	315.8	243.1	209.0	190.8	176.1	165.8	163.6
42.5°	3881.4	1735.6	538.4	393.0	276.0	217.0	188.6	167.0	151.1	142.0	139.7
45°	4191.5	1785.6	494.1	347.6	243.1	196.5	165.8	143.1	128.4	120.4	118.1
47.5°	4527.7	1866.3	457.8	306.7	217.0	177.2	143.1	119.3	106.8	100.0	98.8
50°	4882.1	1944.7	420.3	266.9	194.2	157.9	120.4	98.8	88.6	82.9	80.6
52.5°	5241.0	2035.5	386.2	230.6	174.9	135.2	100.0	80.6	72.7	68.2	65.9
55°	5627.2	2103.7	353.3	202.2	155.6	114.7	82.9	67.0	60.2	54.5	53.4
57.5°	6081.6	2209.3	319.2	174.9	132.9	95.4	68.2	53.4	47.7	42.0	40.9
60°	6695.0	2333.1	282.8	154.5	109.0	78.4	55.7	43.2	36.3	31.8	30.7
62.5°	7503.7	2470.6	237.4	135.2	88.6	63.6	44.3	34.1	26.1	20.4	20.4
65°	8529.4	2694.3	194.2	113.6	72.7	52.3	34.1	25.0	14.8	9.1	9.1
67.5°	9128.1	2733.0	156.8	93.1	59.1	44.3	28.4	17.0	4.5	1.1	0.0
69°	*8936.1*	*2509.2*	*132.9*	*79.5*	*51.1*	*42.0*	*26.1*	*12.5*	*2.3*	*0.0*	*0.0*
70°	8574.9	2294.5	117.0	70.4	46.6	39.8	25.0	9.1	2.3	0.0	0.0
72.5°	7085.7	1633.4	88.6	52.3	34.1	35.2	22.7	5.7	2.3	0.0	0.0
75°	5161.5	992.8	63.6	36.3	21.6	26.1	15.9	2.3	1.1	0.0	0.0
77.5°	2871.5	468.0	39.8	20.4	13.6	15.9	8.0	0.0	0.0	0.0	0.0
80°	932.6	127.2	18.2	11.4	8.0	9.1	3.4	0.0	0.0	0.0	0.0
82.5°	172.7	36.3	10.2	5.7	2.3	2.3	0.0	0.0	0.0	0.0	0.0
85°	37.5	14.8	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.5	4.5	1.1	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: SP1-2408-195-9

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

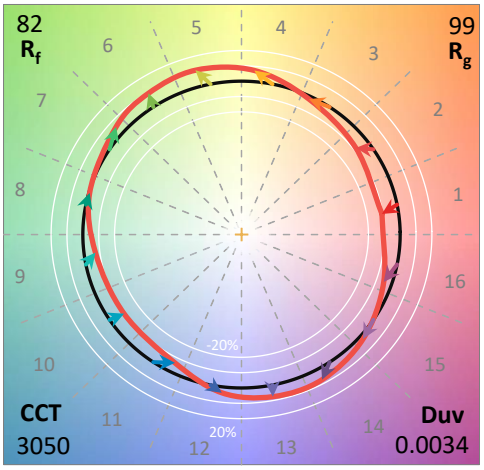
Test Information

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

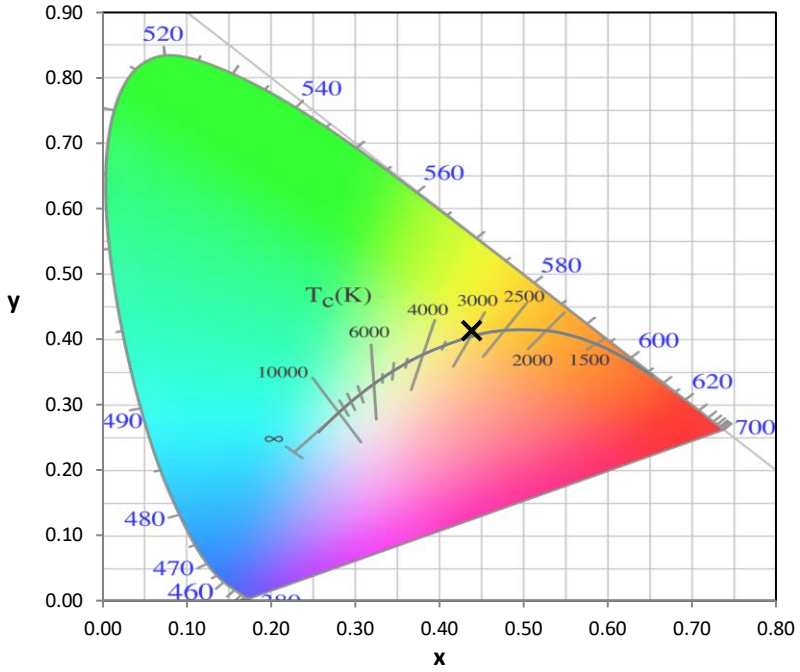
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

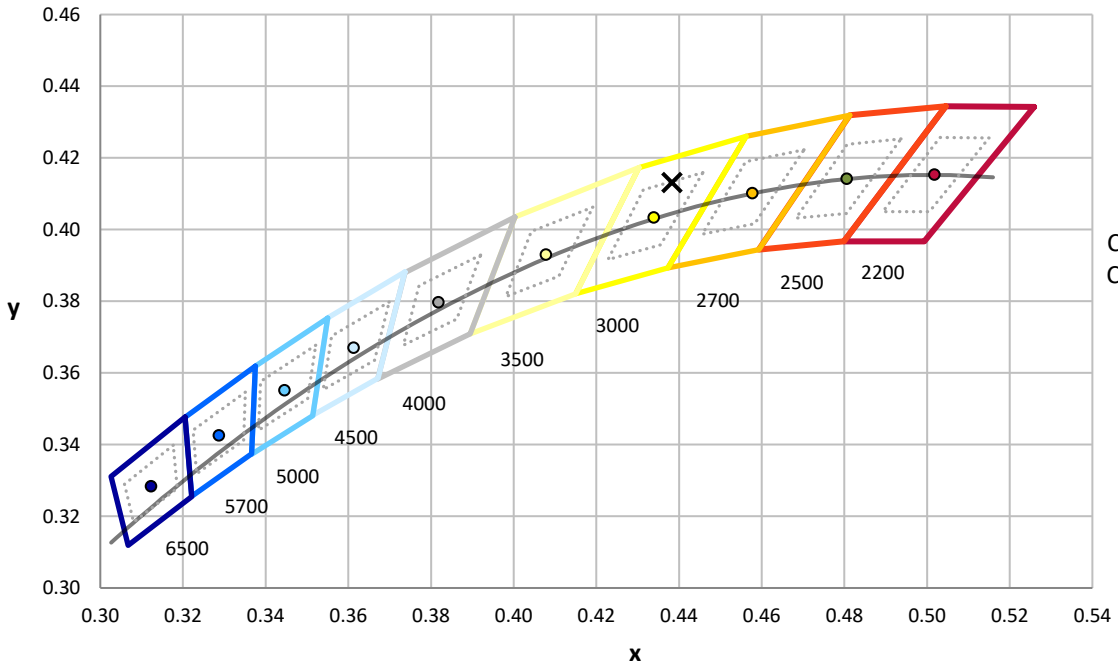
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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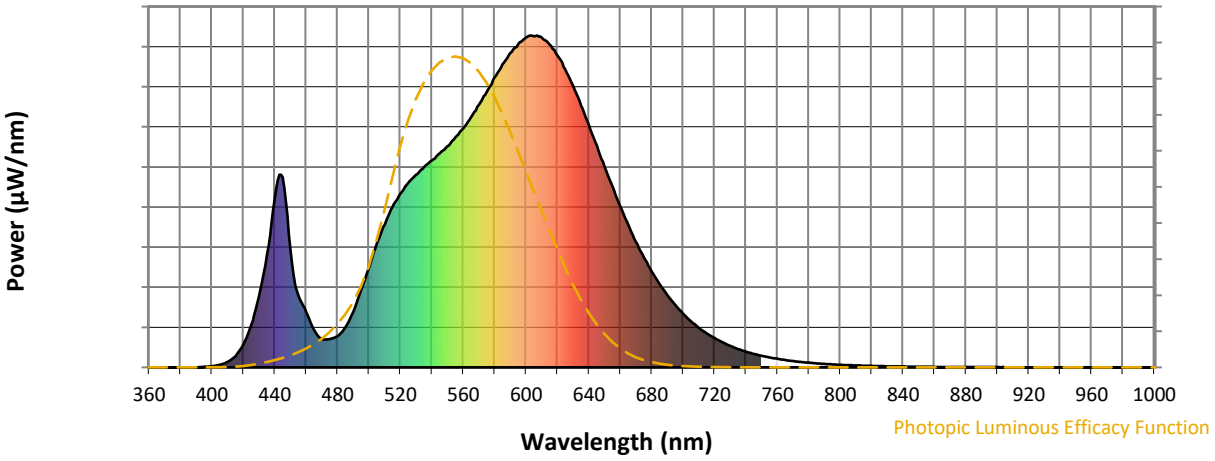
Photopic Flux vs. Wavelength



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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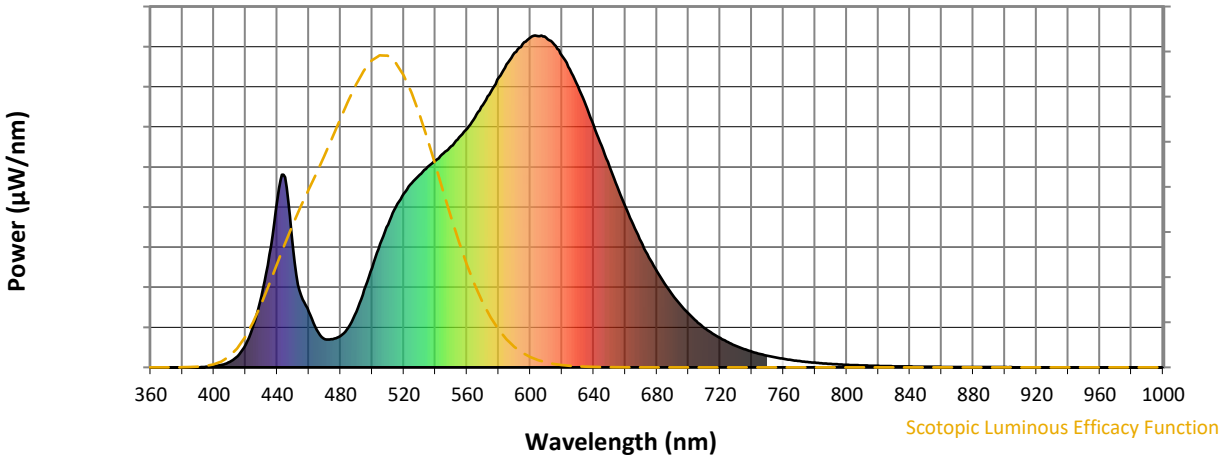
Scotopic Flux vs. Wavelength



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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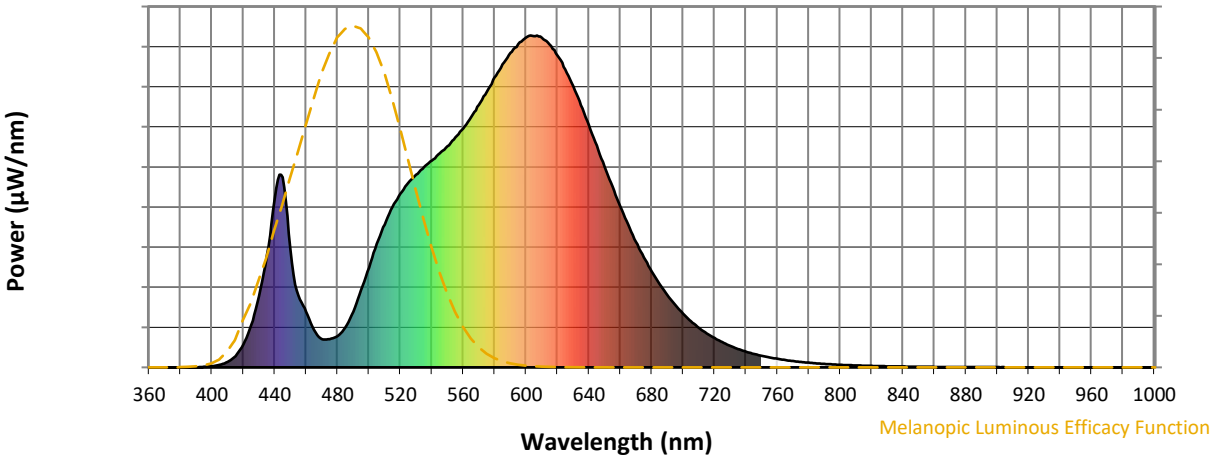
Melanopic Flux vs. Wavelength



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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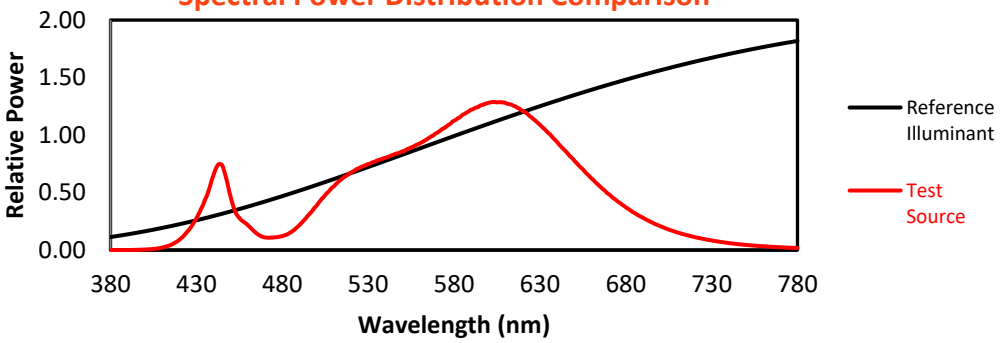
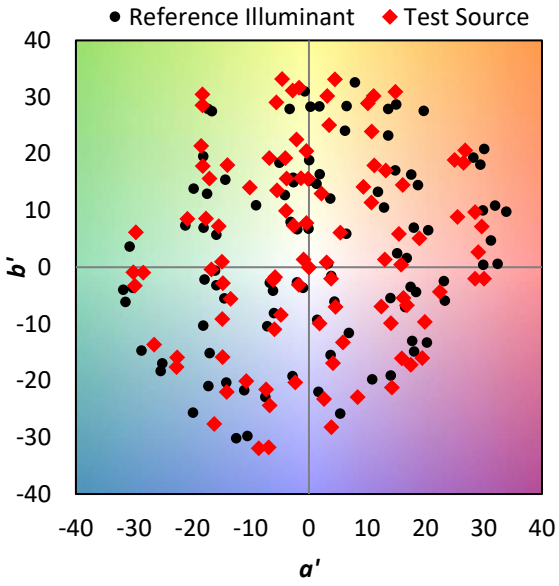
Summary

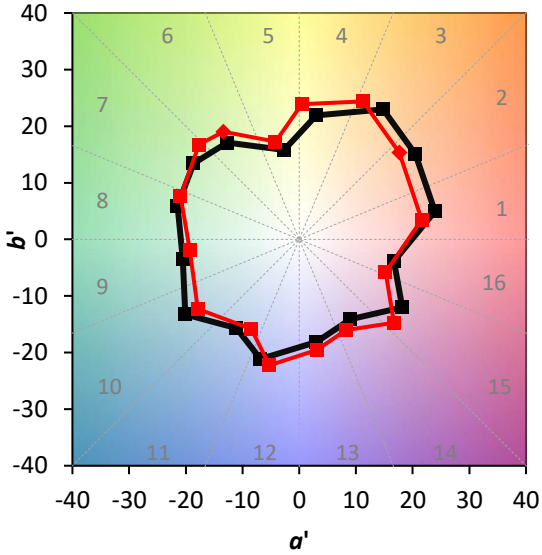
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

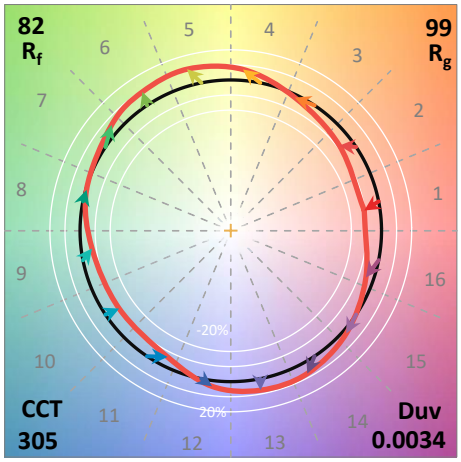
Spectral Power Distribution Comparison

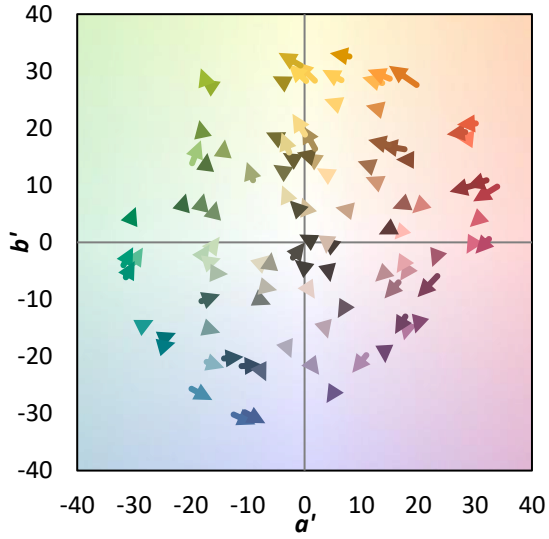


Color Vector Graphics









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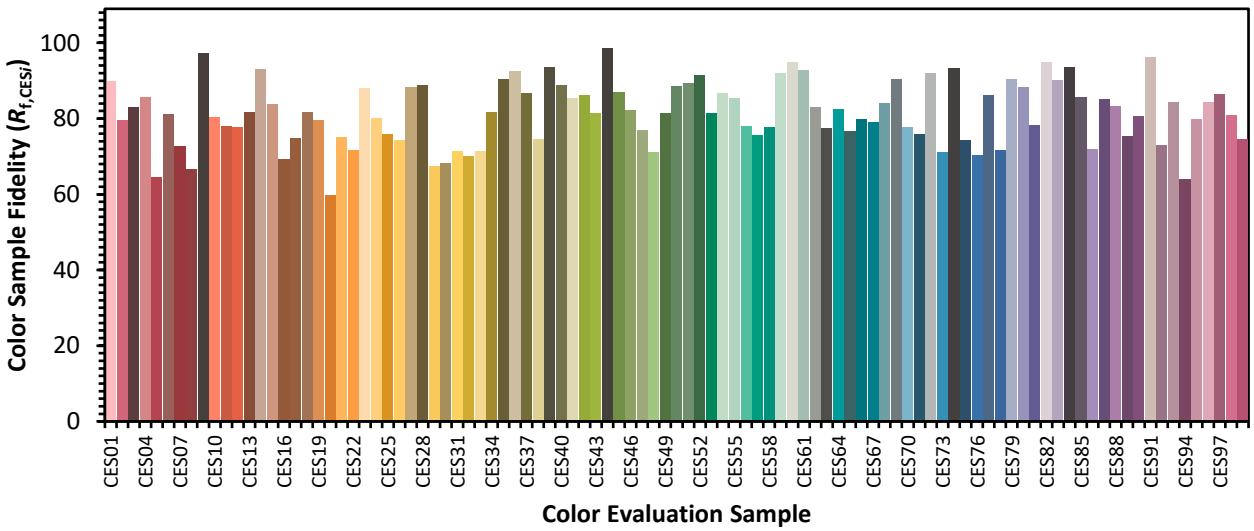
Individual Sample Fidelity Index ($R_{f,i}$)

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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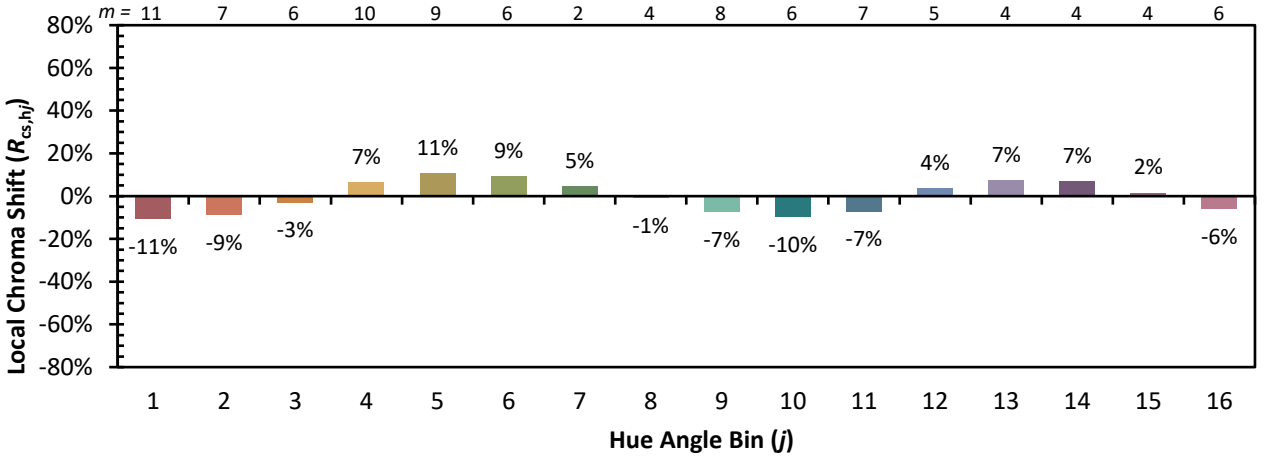
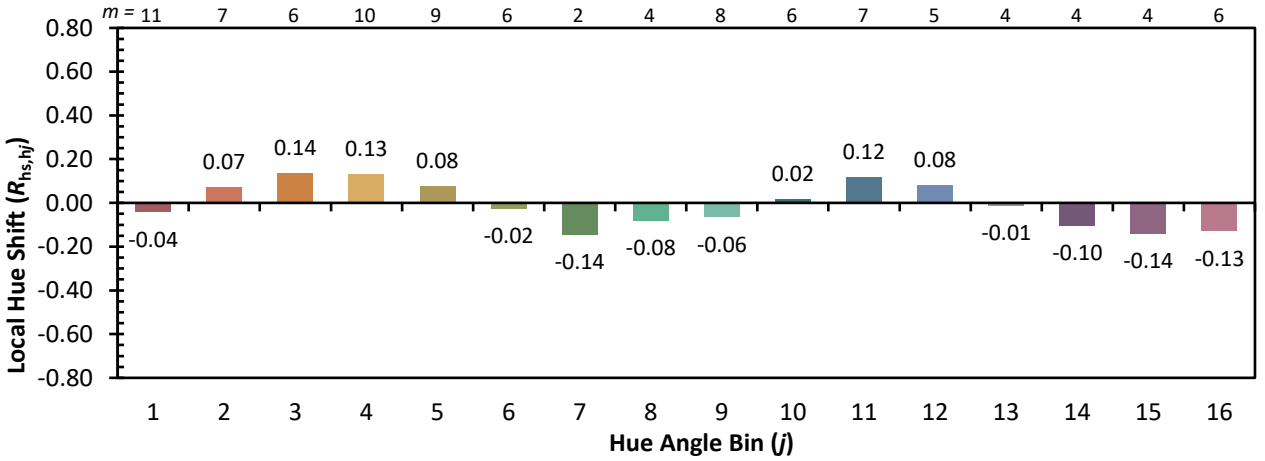
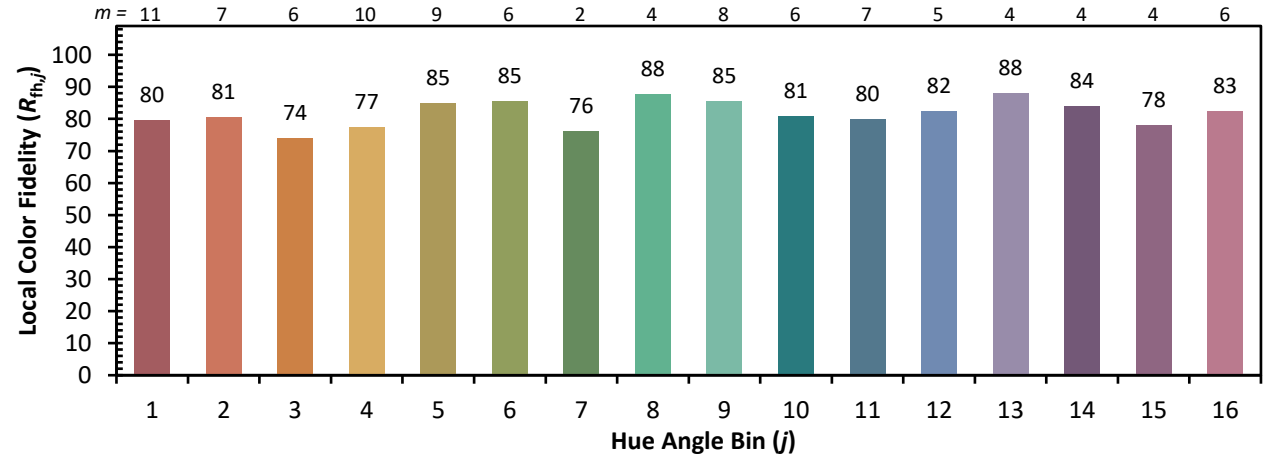
Color Rendition by Hue-Angle Bin







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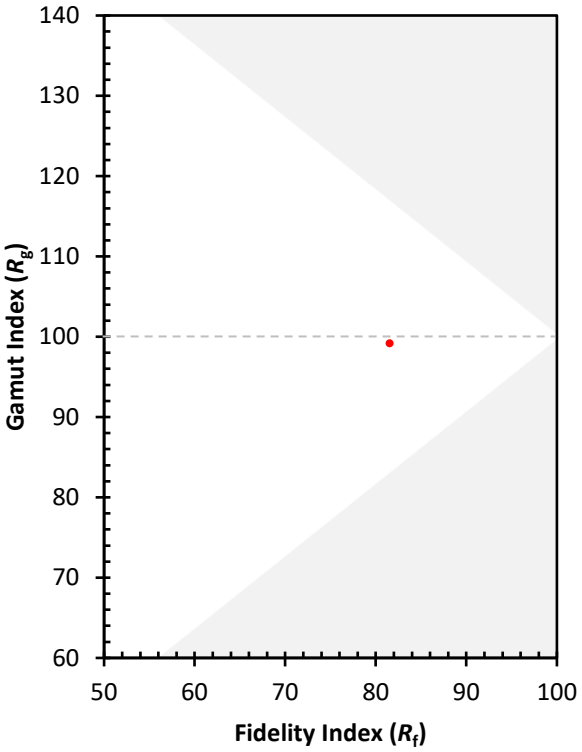
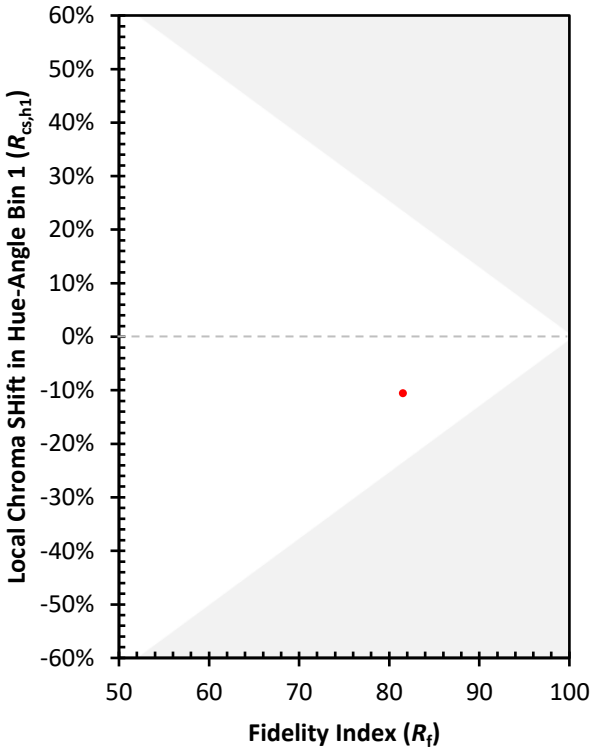
Measure Comparisons





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