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: P317930

Luminaire Tested: **GLEON-SA6C-830-U-T3R**

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:	P317930
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-10)
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-T3R
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34371 lumens
Efficiency:	N/A
Efficacy:	103.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B3 - U0 - G5

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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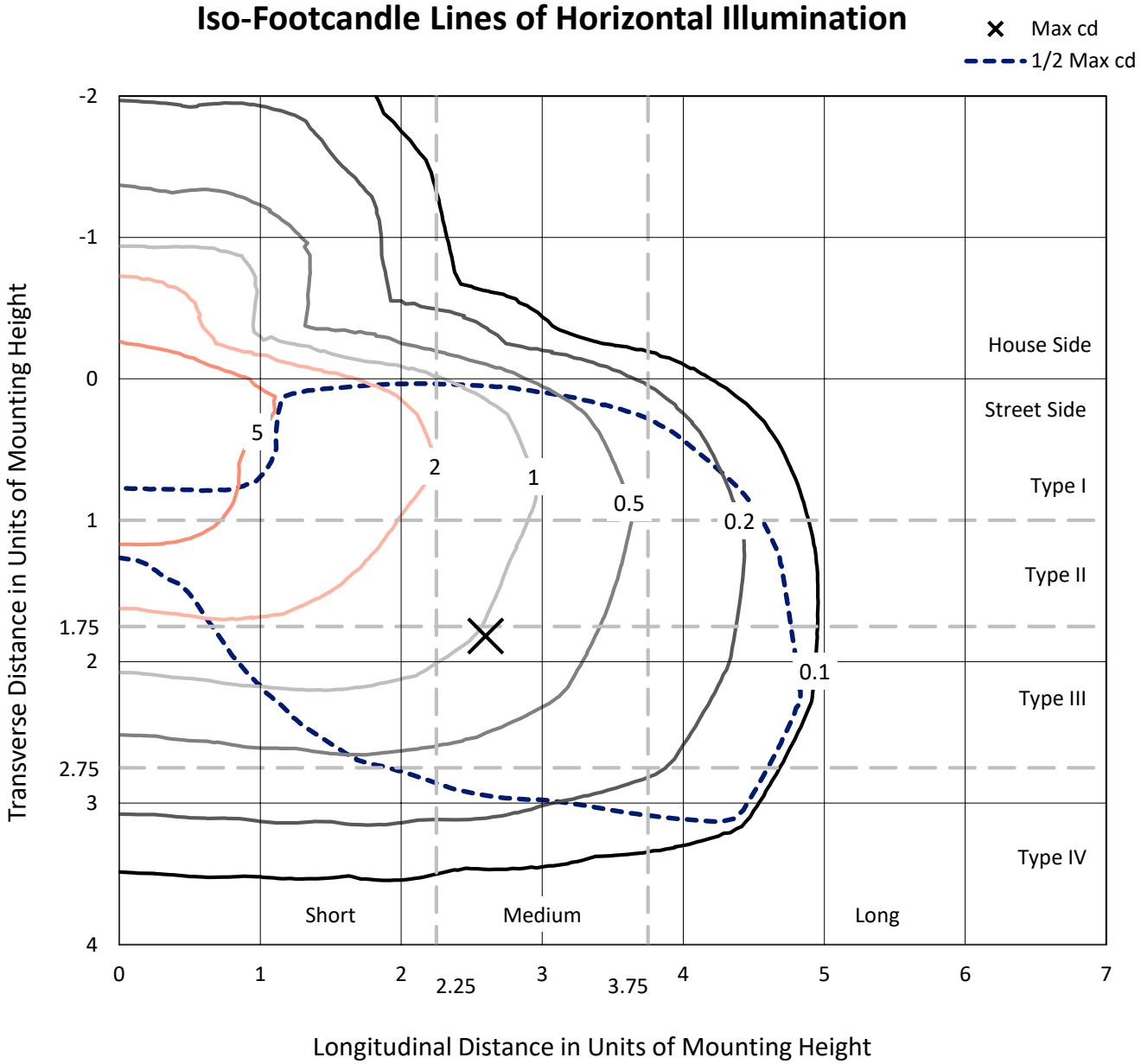
Scaled Data Report

REPORT NUMBER: P317930
CATALOG NUMBER: GLEON-SA6C-830-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



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

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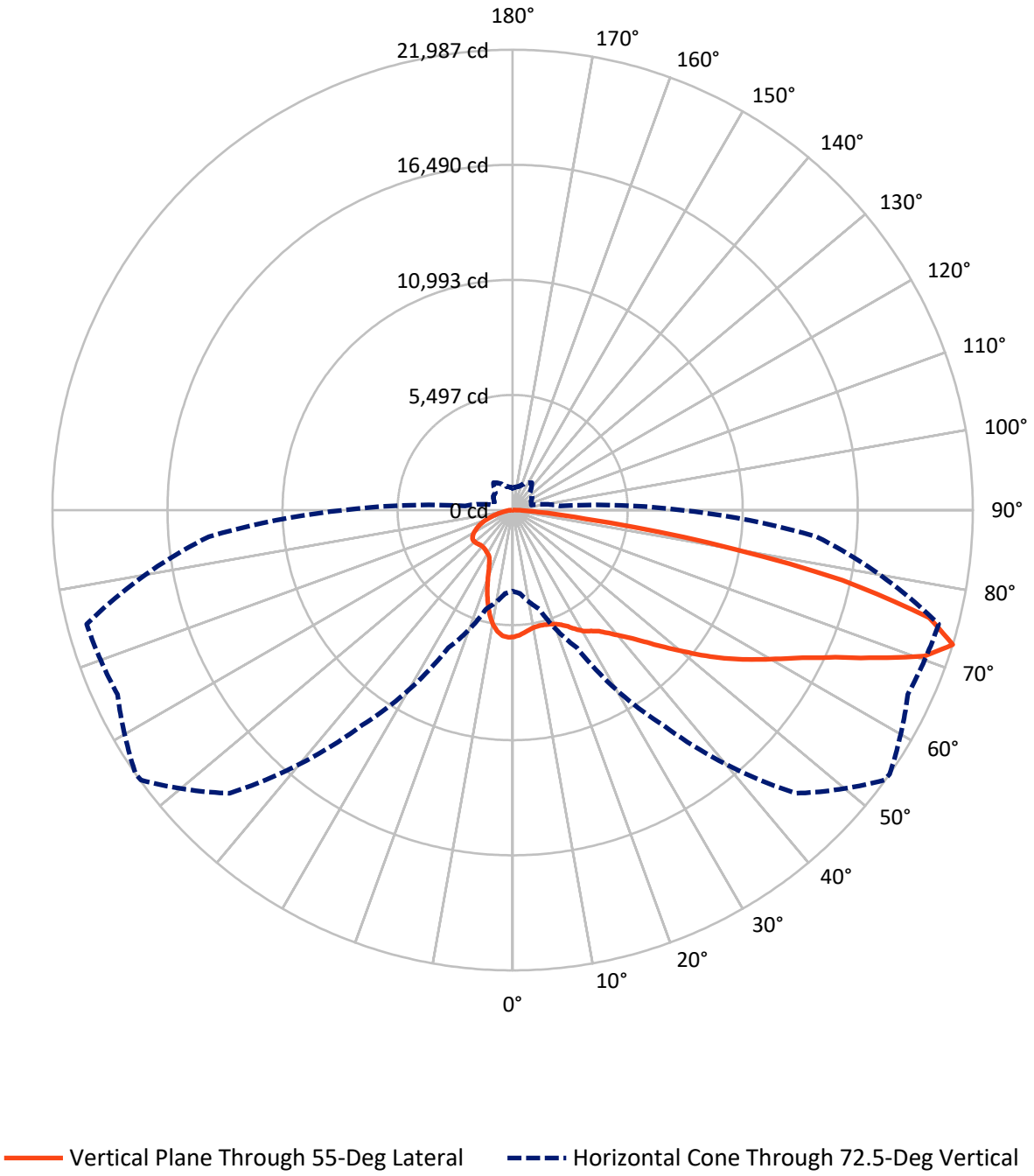
Luminous Intensity Polar Plot



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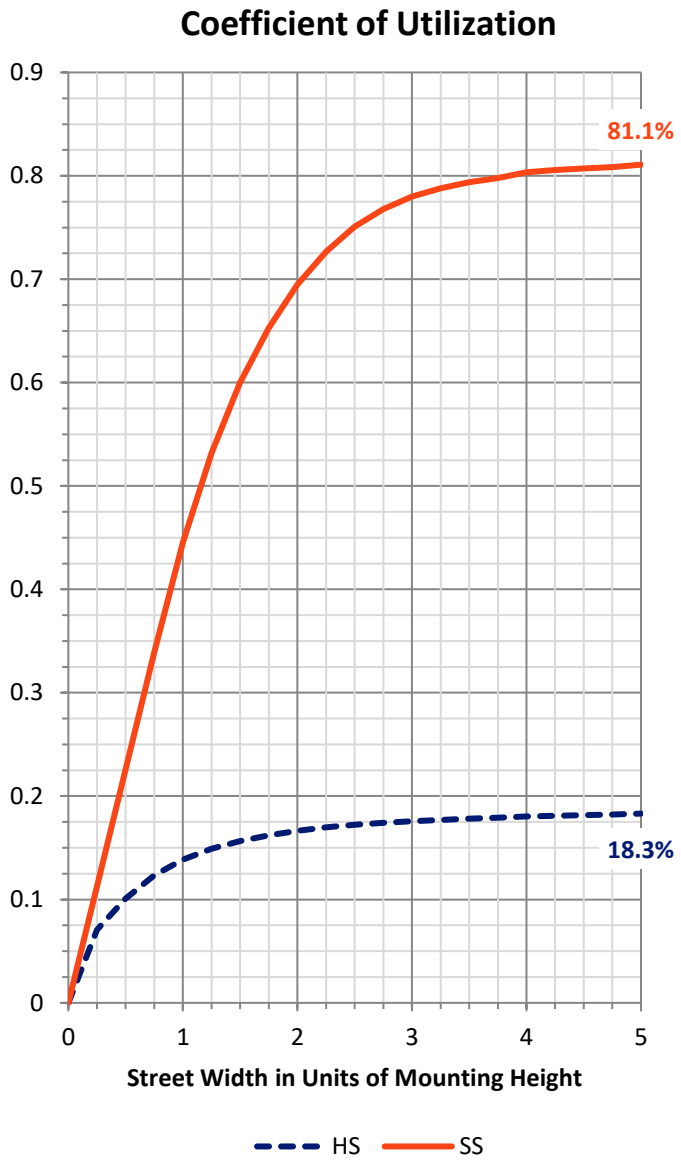
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6388.4	0.0	6388.4
	% Fixture	18.6	0.0	18.6
Street Side	Lumens	27982.6	0.0	27982.6
	% Fixture	81.4	0.0	81.4
Total	Lumens	34371.0	0.0	34371.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	548.6	1.6
10°-20°	1460.5	4.2
20°-30°	2408.0	7.0
30°-40°	3562.0	10.4
40°-50°	4971.8	14.5
50°-60°	6473.5	18.8
60°-70°	7955.7	23.1
70°-80°	6236.3	18.1
80°-90°	754.7	2.2
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°	34371.0	100.0
0°-180°	34371.0	100.0



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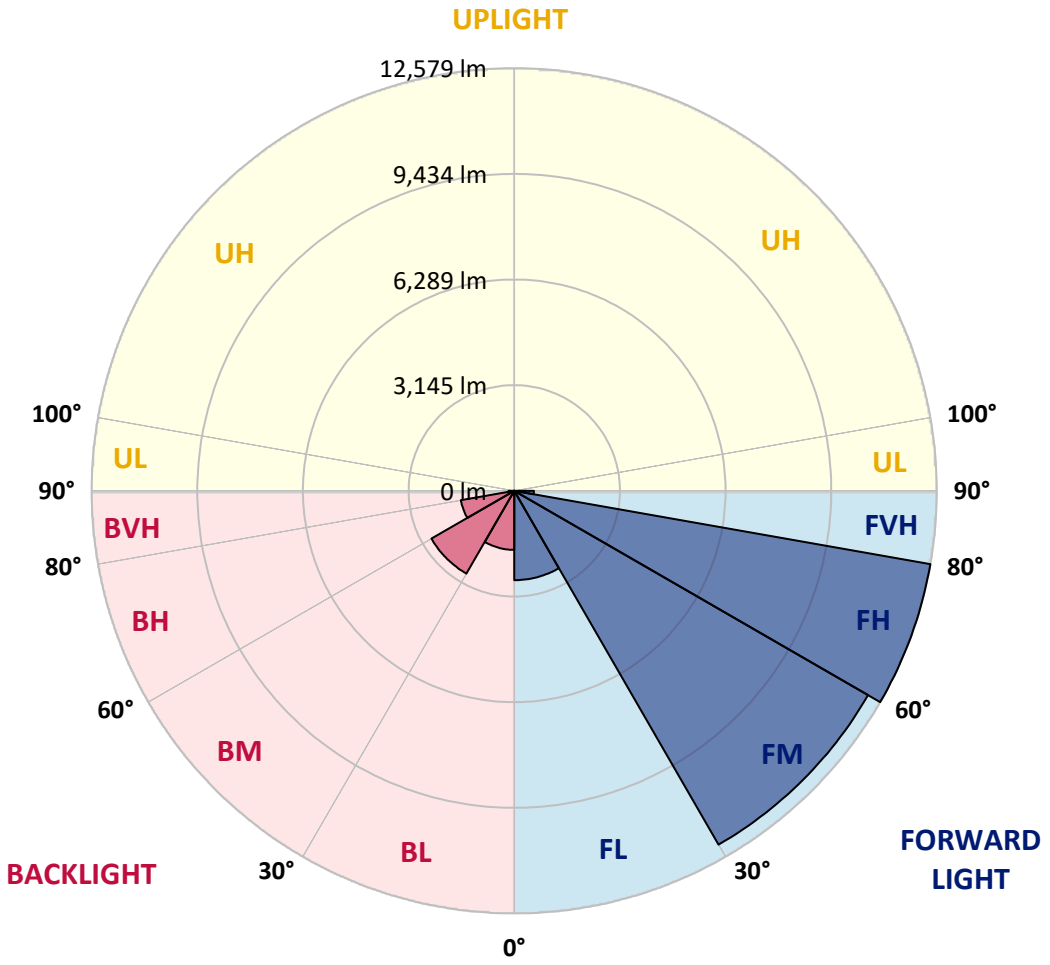
REPORT NUMBER: P317930
CATALOG NUMBER: GLEON-SA6C-830-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2659.3	7.7			
FM	(30°-60°)	12161.1	35.4			
FH	(60°-80°)	12578.6	36.6			G5
FVH	(80°-90°)	583.5	1.7			G4/750
BL	(0°-30°)	1757.7	5.1	B3/2500		
BM	(30°-60°)	2846.1	8.3	B3/5000		
BH	(60°-80°)	1613.4	4.7	B3/2500		G3/2500
BVH	(80°-90°)	171.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type IV Medium



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REPORT NUMBER: P317930
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3
2.5°	5864.9	5851.0	5868.4	5892.8	5919.5	5955.5	5976.4	5985.7	6021.7	6035.6	6065.8
5°	5593.3	5586.3	5615.4	5657.1	5716.4	5799.9	5867.3	5880.0	5975.2	6042.6	6104.1
7.5°	5395.9	5395.9	5429.6	5479.5	5545.7	5658.3	5753.5	5770.9	5932.3	6077.4	6191.2
10°	5239.2	5245.0	5284.5	5343.7	5421.5	5541.1	5667.6	5687.3	5920.7	6158.7	6339.8
12.5°	5134.7	5148.7	5184.7	5238.1	5334.4	5479.5	5639.7	5666.4	5945.1	6274.8	6518.5
15°	5200.9	5224.1	5227.6	5249.7	5303.1	5461.0	5656.0	5683.8	5997.3	6393.2	6721.7
17.5°	5491.1	5499.3	5463.3	5416.8	5391.3	5492.3	5704.7	5733.8	6060.0	6510.4	6916.7
20°	5932.3	5927.6	5849.9	5724.5	5594.5	5610.7	5784.8	5815.0	6144.7	6613.7	7111.8
22.5°	6489.5	6473.3	6353.7	6122.7	5900.9	5808.1	5925.3	5950.9	6272.4	6761.2	7320.7
25°	7165.2	7129.2	6971.3	6661.3	6335.1	6096.0	6136.6	6161.0	6458.2	6926.0	7512.3
27.5°	7878.0	7842.0	7641.2	7266.2	6832.0	6459.3	6428.0	6448.9	6669.5	7047.9	7653.9
30°	8623.3	8585.0	8401.6	7981.3	7359.0	6835.5	6699.6	6707.8	6818.1	7114.1	7770.0
32.5°	9372.1	9336.1	9130.6	8643.0	7931.4	7239.5	6895.8	6885.4	6907.5	7182.6	7901.2
35°	10131.3	10145.2	9904.9	9365.1	8565.2	7688.7	7128.0	7106.0	7057.2	7323.1	8086.9
37.5°	10944.0	10934.7	10623.5	10059.3	9228.1	8176.3	7461.2	7457.7	7289.4	7588.9	8378.3
40°	11487.3	11493.1	11303.8	10769.8	9898.0	8716.2	7888.4	7880.3	7659.7	7987.1	8760.3
42.5°	11699.7	11738.0	11786.8	11447.8	10599.2	9341.9	8398.1	8386.5	8176.3	8558.3	9209.5
45°	11714.8	11791.4	12093.3	12050.3	11309.6	10058.2	9049.3	9016.8	8865.9	9317.5	9745.9
47.5°	11584.8	11663.7	12165.2	12409.0	11944.7	10813.9	9810.9	9785.4	9655.3	10267.1	10326.4
50°	11300.4	11375.8	12016.6	12584.3	12467.1	11540.7	10688.6	10621.2	10551.6	11364.2	10990.4
52.5°	10767.5	10912.6	11818.1	12626.1	12779.4	12186.1	11611.5	11567.4	11605.7	12521.6	11655.6
55°	9505.6	9668.1	11306.2	12591.3	13010.4	12728.3	12534.4	12532.1	12730.6	13736.0	12369.6
57.5°	8798.6	8913.5	10263.7	12532.1	13284.4	13267.0	13448.1	13470.1	13856.7	15058.2	13117.2
60°	8399.2	8520.0	9735.4	12312.7	13709.3	13963.5	14380.3	14424.4	15001.4	16522.2	14016.9
62.5°	8035.9	8168.2	9408.1	11865.7	14209.6	14959.6	15497.1	15536.5	16213.4	18026.7	14886.4
65°	7414.8	7564.5	8928.6	11572.0	14664.7	16258.6	16916.9	16943.6	17605.3	19603.2	15551.6
67.5°	6537.1	6674.1	8024.3	10923.1	15001.4	17836.3	18804.5	18819.6	18985.6	20716.6	15891.8
70°	5512.0	5564.3	6735.6	9583.4	14603.2	19311.8	20873.3	20876.8	20244.1	21429.4	15836.1
72.5°	3872.8	3995.9	4889.8	7254.6	12549.5	19131.9	21947.1	21986.6	20829.2	21069.5	14570.7
75°	2375.2	2505.3	3067.1	4396.4	7961.6	15046.6	20277.7	20551.7	19732.1	18785.9	11902.9
77.5°	1588.1	1636.9	2001.4	2563.3	3607.0	8657.0	15589.9	16105.4	16392.1	13700.0	7612.1
80°	885.8	978.7	1326.9	1592.8	1604.4	3439.8	9347.7	9468.4	9120.2	5455.1	2348.5
82.5°	469.0	520.1	885.8	935.7	875.3	1151.6	3483.9	3487.4	2913.9	1462.8	697.7
85°	363.4	406.3	607.2	571.2	447.0	510.8	1149.3	1212.0	991.4	599.0	227.5
87.5°	181.1	225.2	412.1	362.2	175.3	146.3	411.0	438.8	391.2	234.5	82.4
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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CATALOG NUMBER: GLEON-SA6C-830-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3
2.5°	6077.4	6087.8	6100.6	6086.7	6082.0	6063.5	6032.1	6025.2	6008.9	6010.1	6019.4
5°	6130.8	6148.2	6141.2	6087.8	6024.0	5934.6	5841.7	5762.8	5710.5	5707.1	5703.6
7.5°	6233.0	6244.6	6190.0	6037.9	5859.1	5652.5	5457.5	5286.8	5183.5	5158.0	5152.1
10°	6393.2	6390.8	6241.1	5934.6	5578.2	5209.0	4895.6	4658.8	4520.6	4480.0	4469.5
12.5°	6571.9	6545.2	6258.5	5746.5	5181.2	4669.2	4272.2	4008.6	3864.7	3818.3	3806.6
15°	6756.5	6690.4	6215.5	5465.6	4693.6	4087.6	3670.8	3427.0	3349.2	3323.7	3319.1
17.5°	6928.3	6800.6	6092.5	5084.8	4137.5	3508.3	3183.2	3085.7	3104.3	3138.0	3139.1
20°	7096.7	6874.9	5895.1	4604.2	3551.2	3031.2	2920.9	2992.8	3081.1	3149.6	3158.9
22.5°	7262.7	6927.2	5640.9	4049.3	3026.5	2763.0	2840.8	2971.9	3072.9	3147.2	3160.0
25°	7402.0	6940.0	5290.3	3457.2	2662.0	2662.0	2802.5	2926.7	3026.5	3099.6	3112.4
27.5°	7453.1	6854.0	4795.7	2909.3	2478.6	2615.5	2749.0	2852.4	2937.1	3014.9	3028.8
30°	7472.8	6695.0	4224.6	2469.3	2403.1	2565.6	2677.1	2765.3	2845.4	2918.5	2931.3
32.5°	7476.3	6503.5	3618.6	2219.7	2350.9	2513.4	2587.7	2665.5	2751.4	2780.4	2785.0
35°	7498.4	6277.1	2980.1	2092.0	2302.1	2464.6	2523.8	2579.6	2440.2	2450.7	2460.0
37.5°	7562.2	6053.0	2446.1	2020.0	2270.8	2439.1	2509.9	2307.9	2198.8	2173.2	2169.8
40°	7681.8	5813.9	2050.2	1961.9	2259.1	2451.9	2420.5	2154.7	1966.6	1826.1	1805.2
42.5°	7847.8	5556.1	1797.1	1923.6	2267.3	2513.4	2296.3	2007.2	1694.9	1604.4	1592.8
45°	8034.7	5285.7	1660.1	1896.9	2295.1	2561.0	2270.8	1811.0	1568.4	1499.9	1494.1
47.5°	8215.8	4954.8	1589.3	1885.3	2333.4	2522.7	2162.8	1750.7	1508.0	1472.0	1475.5
50°	8423.6	4656.4	1546.3	1872.6	2367.1	2498.3	2040.9	1719.3	1484.8	1528.9	1575.4
52.5°	8598.9	4347.6	1508.0	1847.0	2379.9	2455.3	2009.5	1725.1	1484.8	1569.6	1613.7
55°	8806.7	4114.3	1463.9	1793.6	2355.5	2333.4	1987.5	1759.9	1502.2	1448.8	1453.5
57.5°	9074.9	4037.7	1415.2	1710.0	2274.2	2155.8	1977.0	1793.6	1491.8	1458.1	1469.7
60°	9446.4	4118.9	1395.4	1600.9	2147.7	2016.5	1978.2	1776.2	1418.6	1360.6	1361.8
62.5°	9800.5	4209.5	1394.3	1532.4	1992.1	1892.3	1951.5	1719.3	1381.5	1347.8	1360.6
65°	9916.5	4117.8	1338.5	1455.8	1816.8	1743.7	1902.7	1658.9	1353.6	1302.5	1300.2
67.5°	9761.0	3833.3	1225.9	1331.6	1616.0	1570.7	1838.9	1587.0	1309.5	1267.7	1260.8
70°	9298.9	3198.3	1086.6	1167.9	1387.3	1375.7	1737.9	1503.4	1250.3	1214.3	1184.1
72.5°	*8055.6*	*2278.9*	*916.0*	*971.7*	*1129.6*	*1166.7*	*1598.6*	*1394.3*	*1166.7*	*1088.9*	*1042.5*
75°	6616.1	1686.8	752.3	763.9	857.9	958.9	1407.0	1266.6	1068.0	935.7	899.7
77.5°	4051.6	1032.1	599.0	603.7	615.3	765.0	1158.6	1123.8	942.7	780.1	754.6
80°	1311.8	563.0	433.0	455.1	420.3	560.7	896.2	956.6	809.2	652.4	624.6
82.5°	499.2	328.5	292.6	307.6	291.4	376.1	653.6	766.2	662.9	536.3	436.5
85°	241.5	185.7	173.0	193.9	179.9	192.7	417.9	564.2	502.7	349.4	325.1
87.5°	85.9	82.4	66.2	89.4	76.6	68.5	127.7	284.4	332.0	240.3	214.8
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

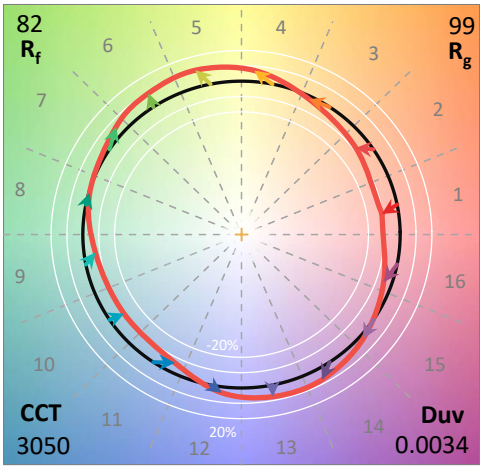
Test Information

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

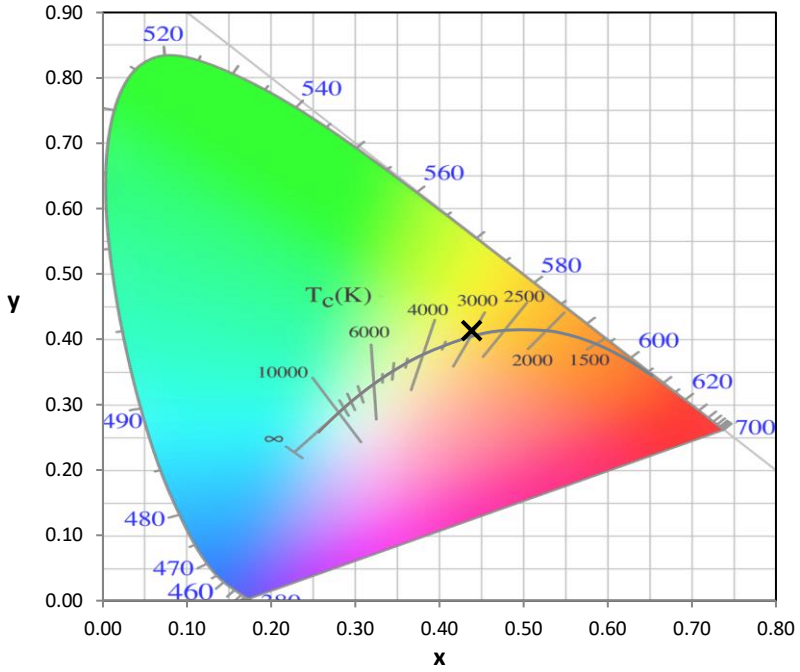
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

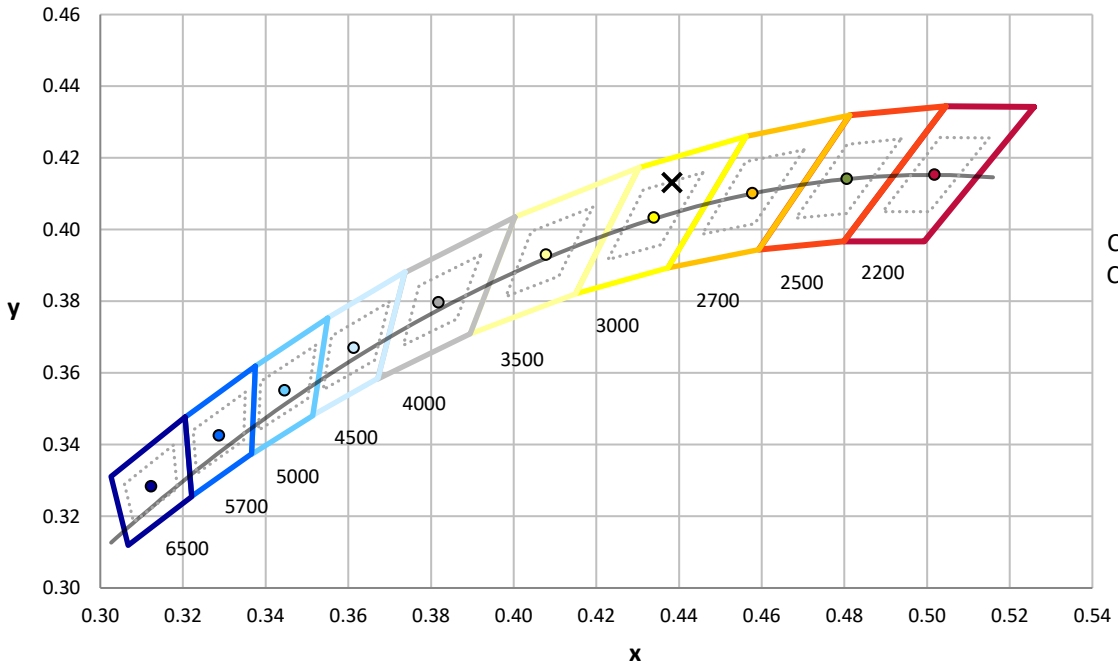
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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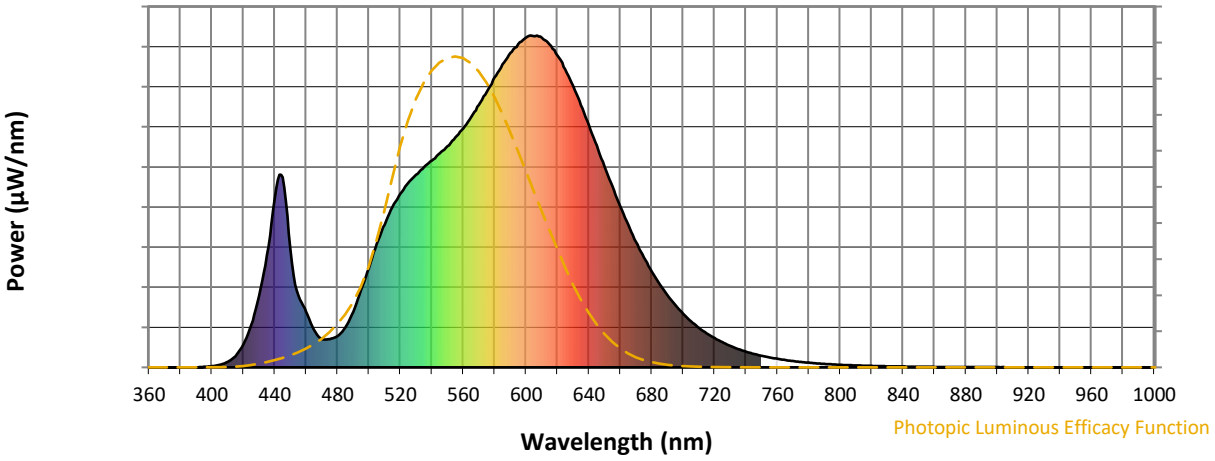
Photopic Flux vs. Wavelength



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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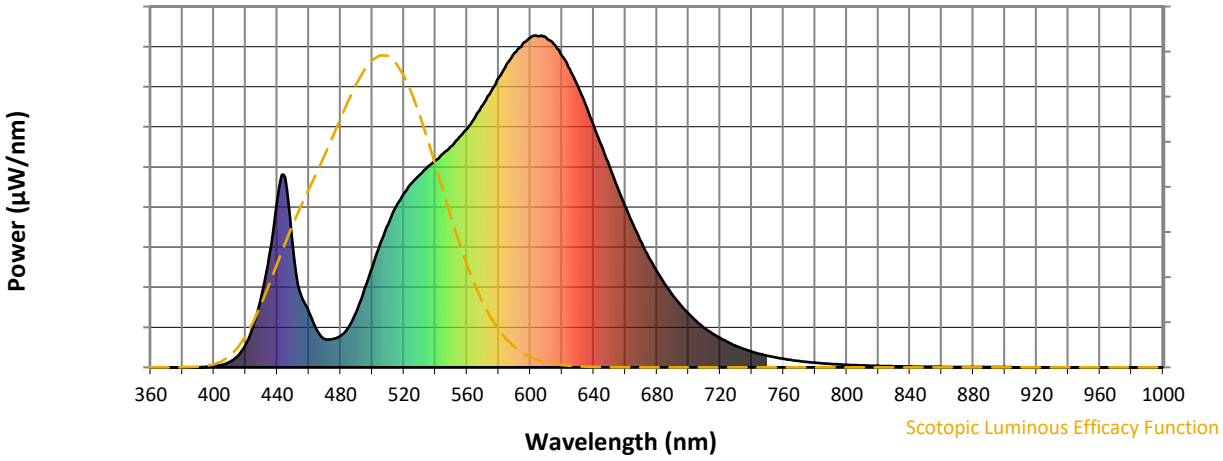
Scotopic Flux vs. Wavelength



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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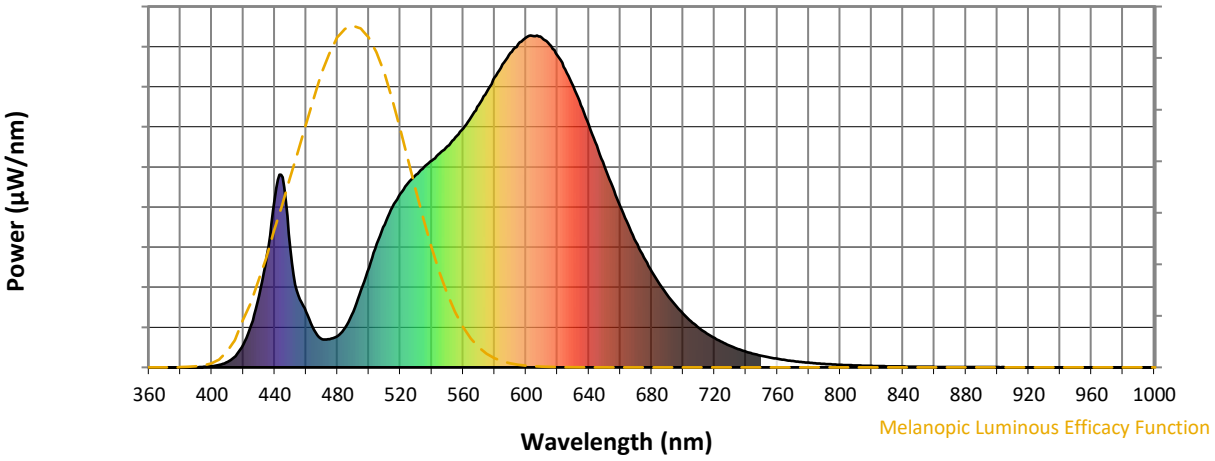
Melanopic Flux vs. Wavelength



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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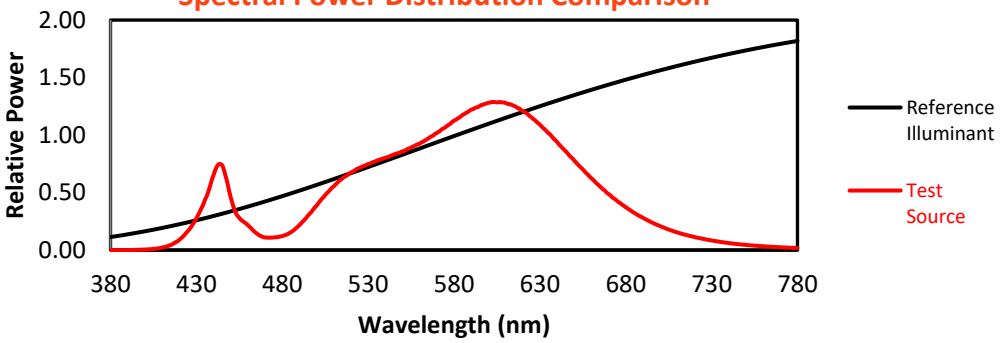
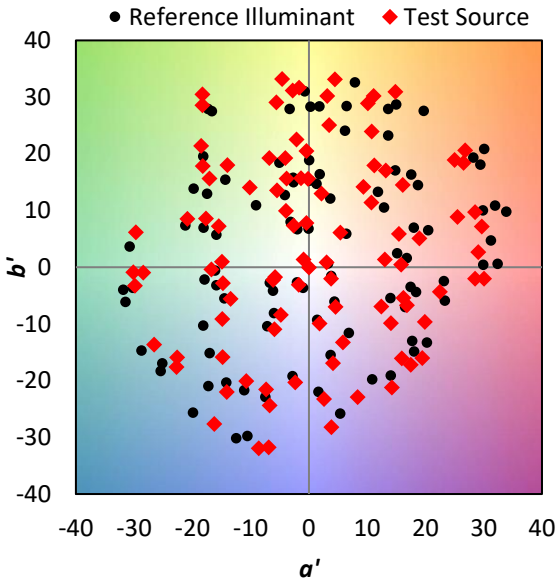
Summary

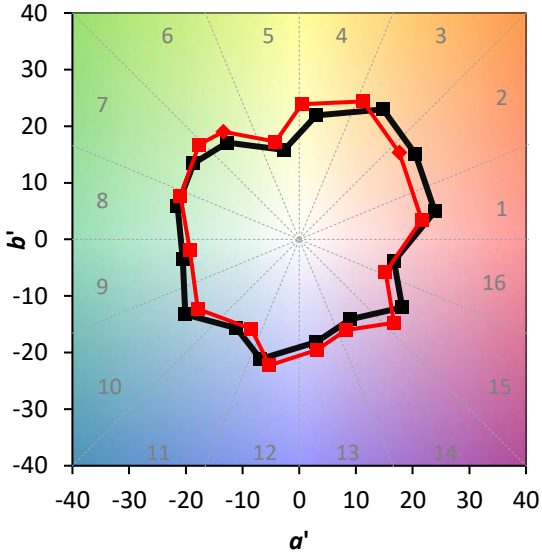
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

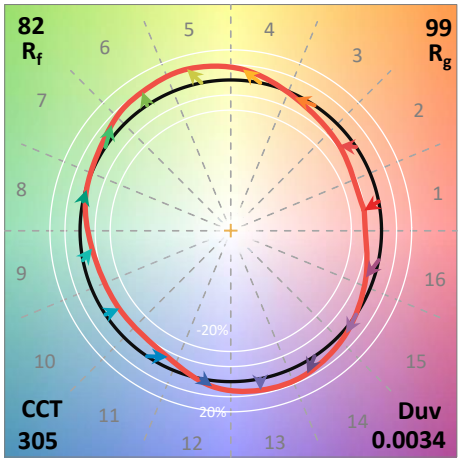
Spectral Power Distribution Comparison

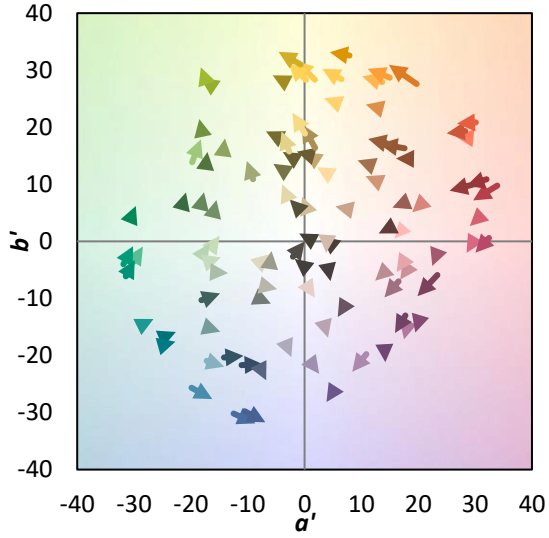


Color Vector Graphics









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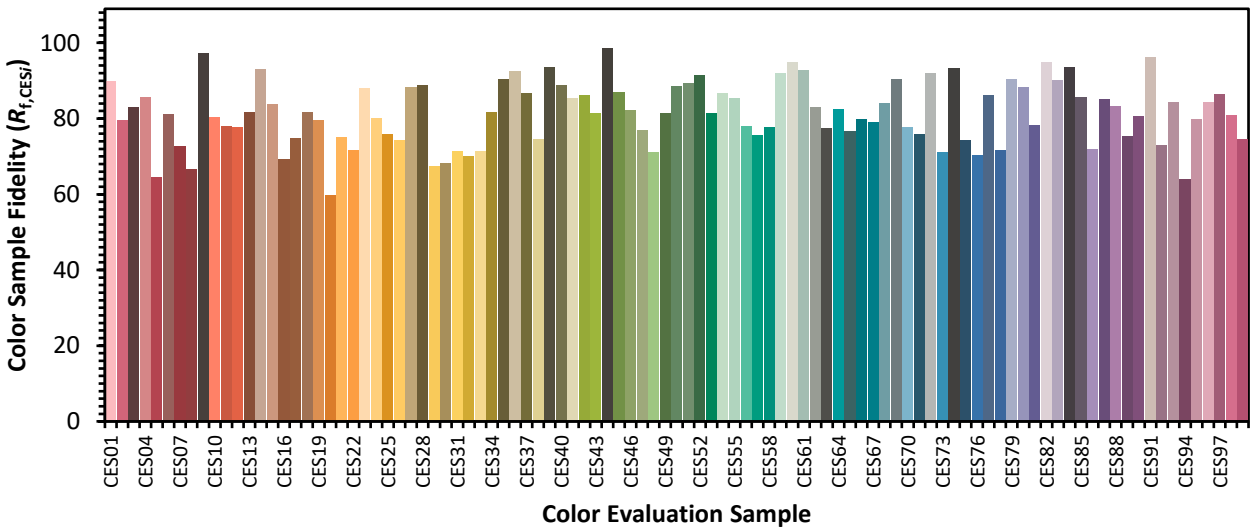
Individual Sample Fidelity Index ($R_{f,i}$)

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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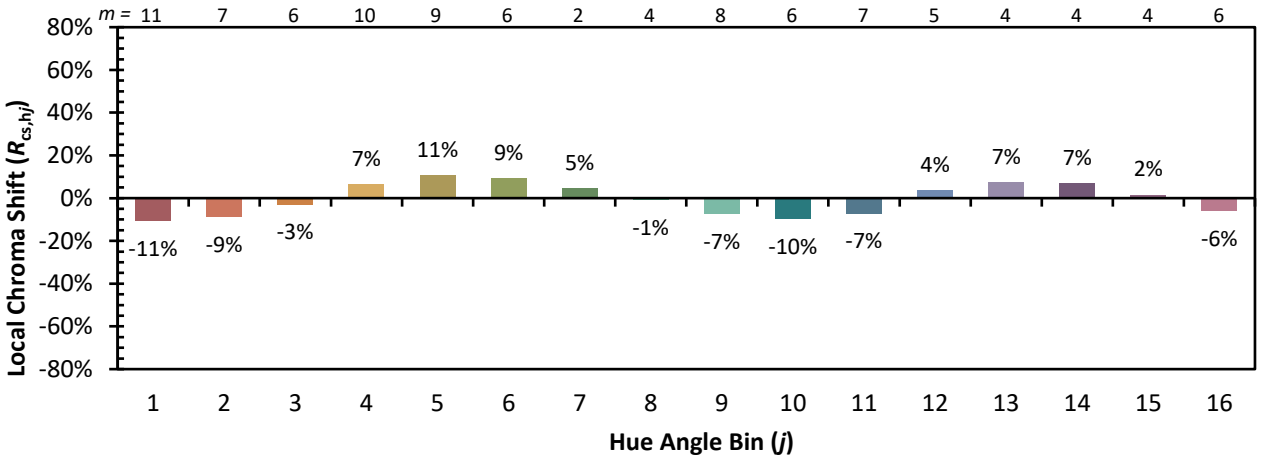
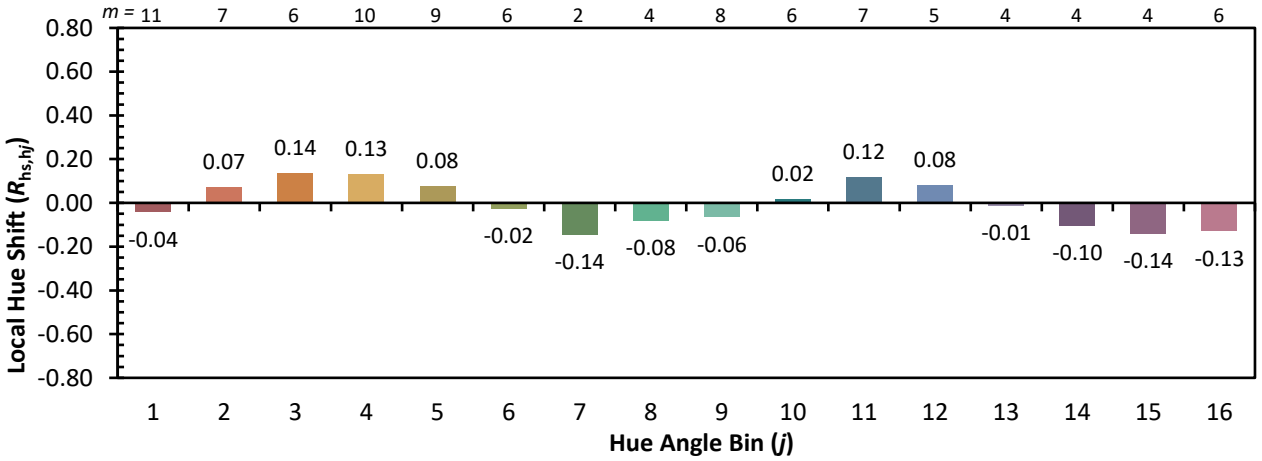
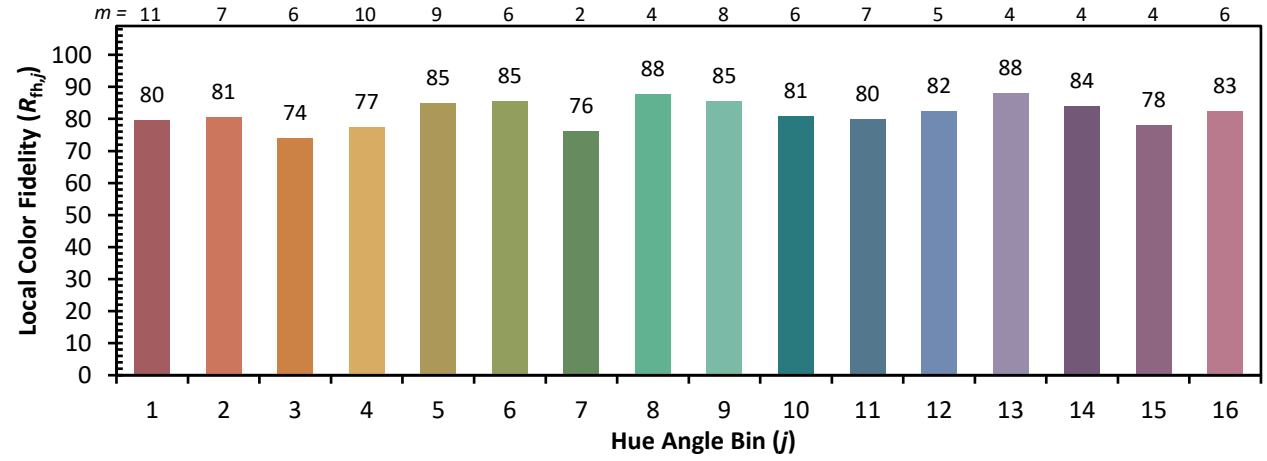
Color Rendition by Hue-Angle Bin







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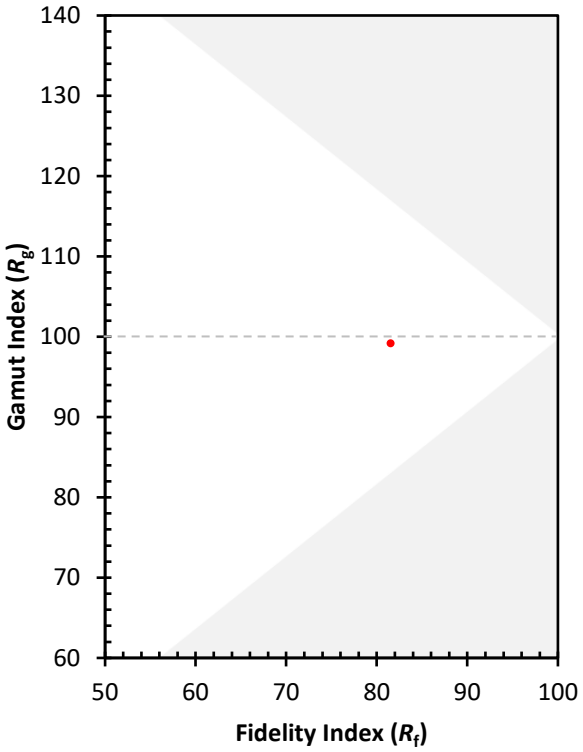
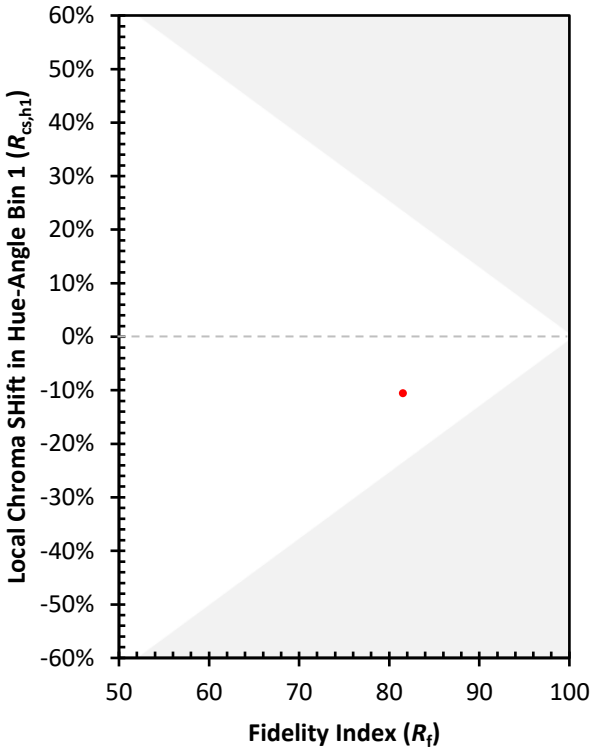
Measure Comparisons





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