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: P318246

Luminaire Tested: **GLEON-SA2C-830-U-T2**

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:	P318246
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA2C-830-U-T2
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(2) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11285 lumens
Efficiency:	N/A
Efficacy:	99.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	113
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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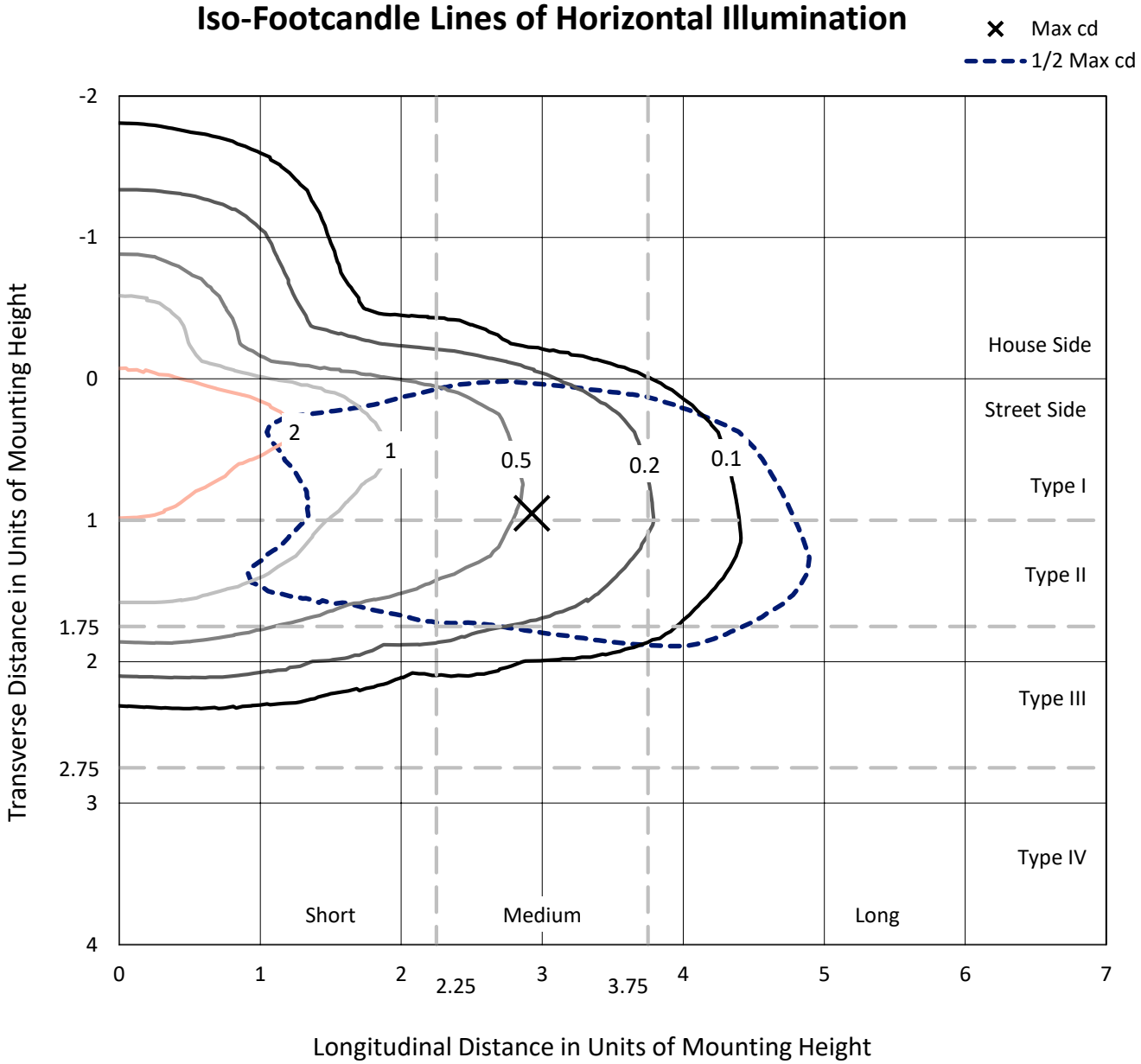
Scaled Data Report

REPORT NUMBER: P318246
CATALOG NUMBER: GLEON-SA2C-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
Type III - Medium - N/A

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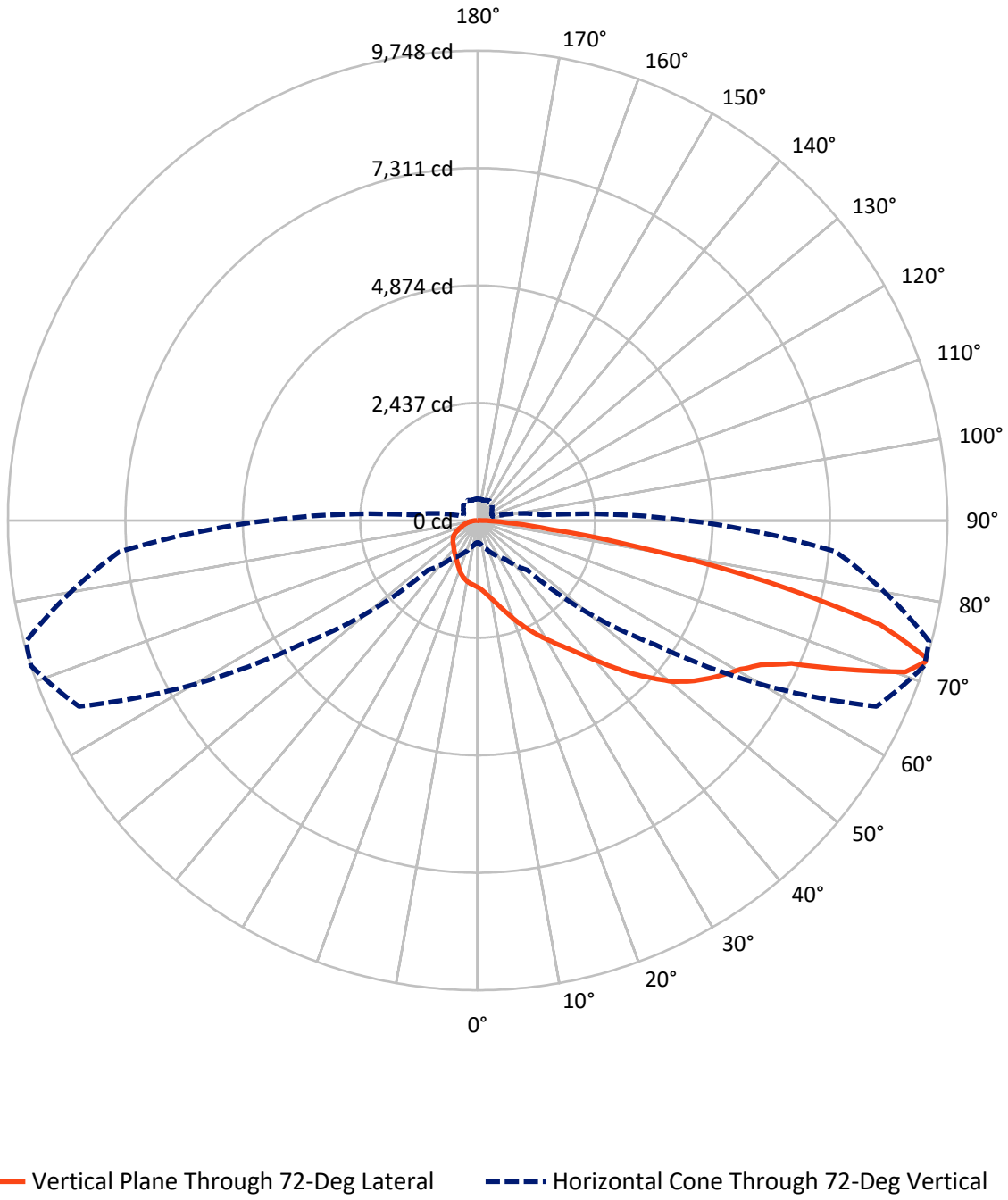
Luminous Intensity Polar Plot



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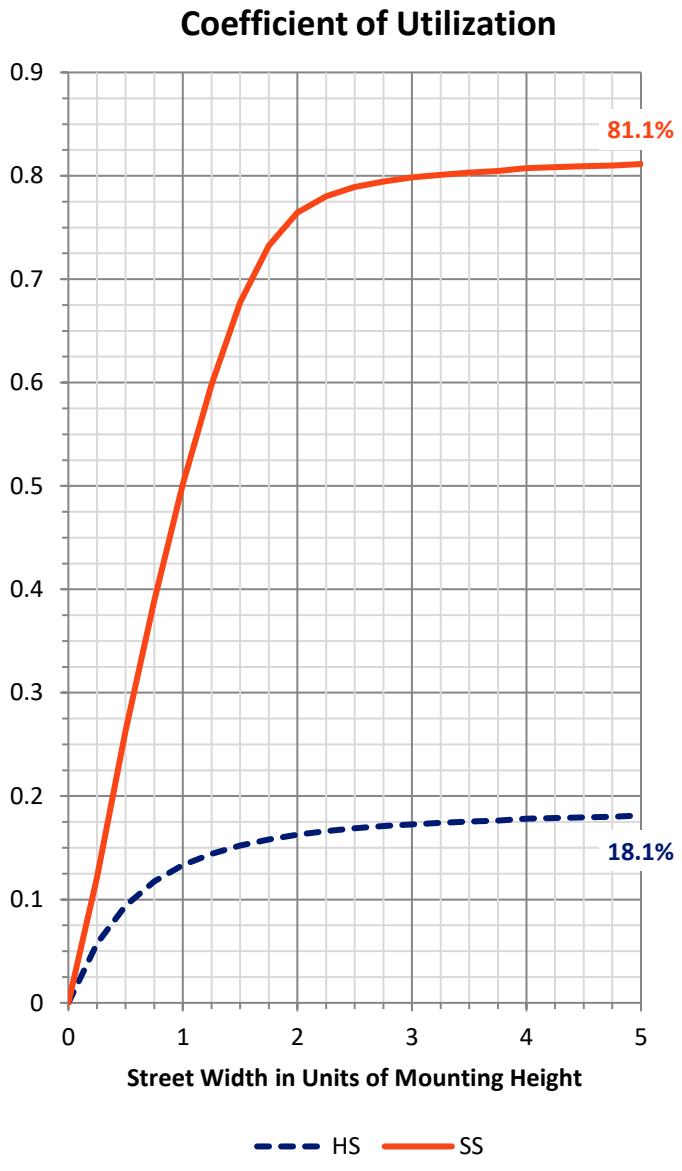
CATALOG NUMBER: GLEON-SA2C-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2093.4	0.0	2093.4
	% Fixture	18.6	0.0	18.6
Street Side	Lumens	9191.6	0.0	9191.6
	% Fixture	81.4	0.0	81.4
Total	Lumens	11285.0	0.0	11285.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.1	1.2
10°-20°	449.6	4.0
20°-30°	787.8	7.0
30°-40°	1168.0	10.4
40°-50°	1708.3	15.1
50°-60°	2350.6	20.8
60°-70°	2616.9	23.2
70°-80°	1773.2	15.7
80°-90°	291.4	2.6
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°	11285.0	100.0
0°-180°	11285.0	100.0



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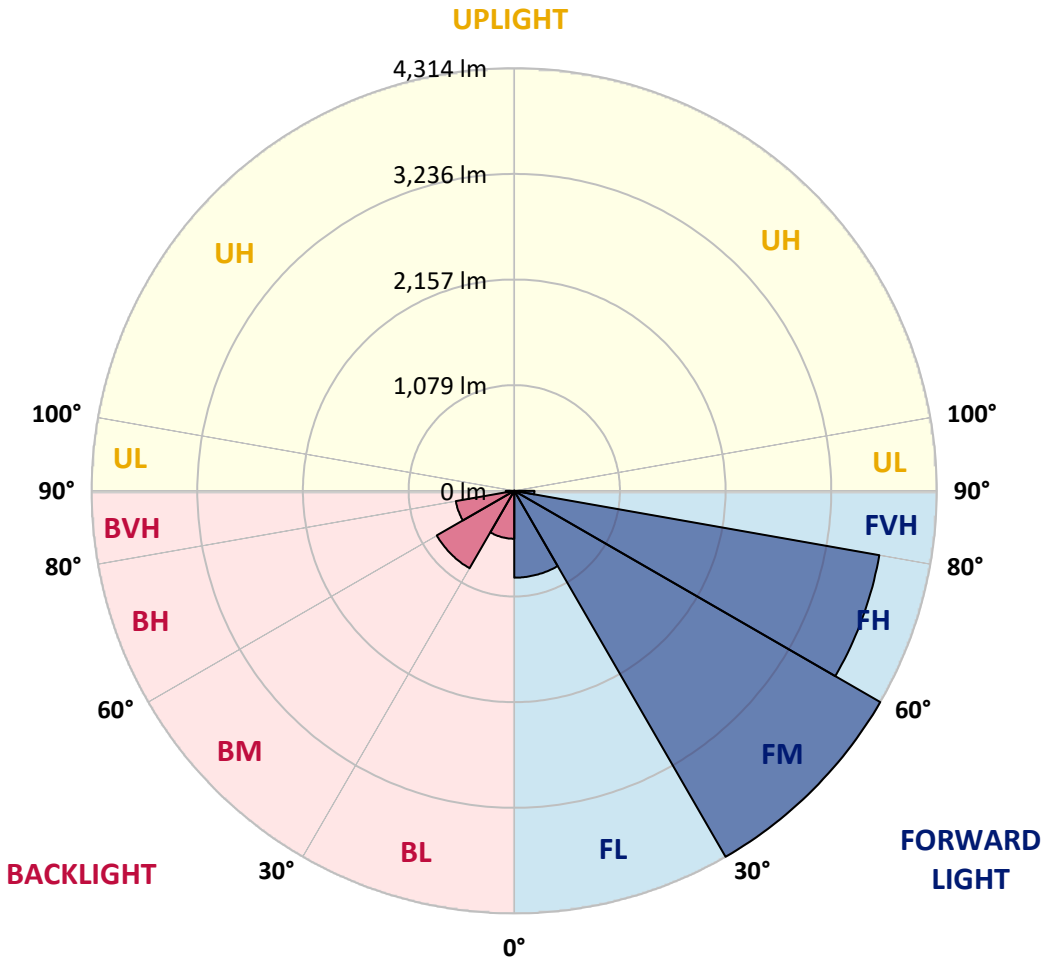
REPORT NUMBER: P318246
CATALOG NUMBER: GLEON-SA2C-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	887.1	7.9			
FM	(30°-60°)	4314.4	38.2			
FH	(60°-80°)	3784.5	33.5			G2/5000
FVH	(80°-90°)	205.6	1.8			G2/225
BL	(0°-30°)	489.4	4.3	B1/500		
BM	(30°-60°)	912.5	8.1	B1/1000		
BH	(60°-80°)	605.7	5.4	B2/1000		G2/1000
BVH	(80°-90°)	85.9	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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Scaled Data Report

REPORT NUMBER: P318246
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	*1388.3*	1388.3	1388.3
2.5°	1533.7	1531.3	1523.2	1523.2	1507.6	1494.4	1469.6	1452.9	*1433.0*	1426.0	1402.7
5°	1682.1	1682.9	1672.8	1665.8	1642.9	1614.9	1572.5	1534.1	*1495.6*	1480.1	1432.3
7.5°	1806.8	1805.3	1802.6	1796.7	1775.4	1746.6	1689.5	1632.4	*1575.6*	1552.3	1469.9
10°	1886.9	1890.4	1892.7	1895.4	1886.5	1865.9	1811.9	1742.3	*1668.1*	1636.3	1515.0
12.5°	1927.3	1933.5	1944.4	1963.0	1977.8	1975.5	1936.2	1862.4	*1774.2*	1734.2	1571.4
15°	1951.0	1959.2	1976.3	2009.7	2051.2	2074.9	2064.5	1997.6	*1899.3*	1850.0	1640.1
17.5°	1965.8	1972.4	1998.8	2043.5	2105.3	2168.2	2195.8	2139.8	*2040.8*	1984.4	1719.0
20°	1975.9	1980.9	2013.9	2066.4	2146.4	2246.7	2323.6	2309.6	*2196.6*	2123.5	1801.4
22.5°	1998.4	2002.7	2034.1	2087.0	2175.6	2305.0	2446.8	2467.8	*2360.9*	2278.2	1889.6
25°	2061.3	2061.3	2087.8	2124.7	2207.8	2355.5	2550.9	2643.8	*2528.8*	2432.4	1971.2
27.5°	2181.4	2180.2	2190.0	2202.8	2265.7	2406.8	2643.8	2799.2	*2702.9*	2597.6	2050.5
30°	2323.6	2331.4	2332.6	2326.3	2355.9	2470.9	2729.7	2963.2	*2878.1*	2764.7	2131.7
32.5°	2506.6	2511.7	2505.9	2485.3	2481.0	2561.8	2814.0	3135.0	*3067.7*	2939.1	2205.9
35°	2739.0	2729.3	2711.0	2669.1	2629.0	2683.4	2910.4	3306.7	*3280.7*	3150.1	2308.1
37.5°	2988.1	2988.5	2965.9	2870.7	2815.6	2838.9	3043.3	3501.4	*3538.3*	3401.1	2439.0
40°	3187.8	3198.3	3212.3	3087.2	3015.7	3047.9	3212.3	3727.1	*3842.9*	3698.8	2609.6
42.5°	3327.3	3339.3	3379.0	3300.5	3226.3	3286.1	3411.2	3968.0	*4184.9*	4042.3	2809.3
45°	3475.0	3481.6	3509.5	3475.7	3428.3	3563.2	3635.4	4217.5	*4546.6*	4408.3	3032.8
47.5°	3630.4	3637.4	3666.1	3643.6	3618.7	3821.9	3869.3	4452.6	*4893.2*	4810.5	3271.3
50°	3822.3	3827.0	3854.2	3813.4	3821.2	4017.0	4078.4	4668.2	*5256.5*	5171.8	3510.7
52.5°	4084.2	4085.4	4123.1	4086.2	4049.6	4160.0	4258.3	4871.5	*5541.4*	5501.3	3750.1
55°	4289.4	4301.8	4425.4	4417.6	4396.6	4289.8	4408.7	5065.0	*5795.5*	5814.5	4004.2
57.5°	4158.4	4207.0	4457.3	4633.7	4805.4	4612.7	4611.9	5283.0	*6031.7*	6121.9	4283.6
60°	3642.0	3708.1	4076.8	4468.1	5005.5	5174.5	5033.9	5549.1	*6270.3*	6426.5	4633.7
62.5°	2601.1	2709.9	3209.6	3834.4	4731.2	5546.8	5892.6	5971.5	*6594.8*	6779.3	5088.7
65°	1314.9	1397.3	1816.2	2568.8	3780.0	5303.5	6826.0	6896.3	*7158.6*	7322.5	5789.3
67.5°	798.9	830.0	1034.4	1428.8	2317.4	4131.2	7130.6	8437.7	*8249.7*	8336.7	6788.3
70°	588.7	611.6	739.1	948.9	1332.8	2424.3	6195.7	9537.8	*9414.2*	9404.5	7526.5
72°	*458.5*	*475.2*	*587.9*	*766.6*	*974.5*	*1454.4*	*4490.7*	*9131.7*	*9747.6*	*9698.6*	*7458.9*
72.5°	434.8	449.6	552.2	721.6	920.9	1318.4	4037.6	8857.8	*9723.5*	9701.3	7371.5
75°	342.3	352.8	408.8	558.0	720.8	748.0	2212.5	6864.4	*8625.8*	8984.4	6630.1
77.5°	283.3	284.8	314.4	406.1	561.9	528.8	1086.8	4762.7	*6176.7*	6571.1	4696.6
80°	230.8	232.8	246.7	284.8	425.1	391.3	516.0	2738.6	*3458.2*	3462.5	2233.5
82.5°	183.8	184.2	199.7	208.3	305.4	279.8	295.7	1285.8	*1511.1*	1453.6	802.8
85°	129.4	126.7	195.1	171.0	199.7	179.5	163.2	509.0	*624.8*	597.6	251.4
87.5°	43.1	44.7	86.7	110.7	116.6	101.8	72.7	195.1	*235.9*	233.9	79.7
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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REPORT NUMBER: P318246
CATALOG NUMBER: GLEON-SA2C-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1395.3	1382.9	1364.6	1344.4	1328.5	1312.2	1300.1	1293.9	1286.9	1281.1	1288.1
5°	1410.1	1386.8	1347.9	1309.9	1281.9	1257.0	1239.1	1229.8	1221.3	1215.4	1216.2
7.5°	1434.2	1396.5	1331.2	1275.7	1236.8	1210.0	1191.7	1185.5	1180.1	1178.5	1180.5
10°	1459.8	1404.3	1309.1	1235.3	1191.0	1168.8	1160.6	1164.9	1168.8	1172.3	1176.2
12.5°	1489.0	1411.3	1276.8	1187.8	1150.2	1141.6	1149.8	1168.4	1182.0	1190.2	1195.2
15°	1527.1	1417.5	1239.5	1140.4	1115.2	1124.9	1152.5	1184.7	1208.4	1223.6	1225.9
17.5°	1562.0	1417.1	1191.7	1092.7	1086.8	1115.2	1156.8	1202.2	1234.1	1255.5	1259.7
20°	1598.2	1406.6	1136.2	1046.0	1058.1	1104.7	1158.7	1213.5	1252.0	1276.8	1282.7
22.5°	1632.0	1388.3	1075.2	1003.7	1034.0	1090.7	1151.3	1206.9	1245.4	1265.6	1271.8
25°	1654.9	1356.5	1013.4	967.9	1012.6	1073.6	1127.2	1171.9	1200.7	1210.8	1212.3
27.5°	1666.6	1314.9	955.1	936.8	990.5	1045.6	1082.5	1104.7	1112.9	1112.1	1110.5
30°	1668.1	1260.1	905.0	911.6	964.8	1004.4	1021.9	1017.7	1007.2	989.3	990.8
32.5°	1663.1	1198.3	863.0	887.5	932.2	954.3	955.1	934.5	906.5	878.2	870.4
35°	1664.6	1137.7	826.1	860.3	892.5	902.3	893.3	863.0	824.9	788.4	780.6
37.5°	1681.7	1084.9	794.2	828.8	848.6	851.0	838.1	806.3	778.3	742.6	739.4
40°	1722.5	1047.2	763.9	793.5	804.7	805.9	787.6	765.1	767.4	748.4	748.0
42.5°	1796.0	1030.9	737.1	756.5	763.5	765.9	751.9	737.5	757.7	745.3	741.0
45°	1890.8	1034.8	714.6	720.4	733.2	744.1	735.6	718.1	725.8	671.8	654.0
47.5°	2000.3	1059.6	696.7	689.3	711.5	732.1	718.8	692.4	664.8	611.2	601.1
50°	2128.6	1098.1	680.4	658.6	687.8	715.7	702.5	664.8	623.3	597.2	593.7
52.5°	2262.2	1145.1	664.1	624.8	657.8	703.3	696.7	658.6	607.3	581.7	577.0
55°	2413.8	1192.5	643.5	585.6	625.6	697.5	694.0	636.1	595.3	580.9	577.4
57.5°	2602.2	1246.5	616.3	544.8	595.3	676.5	665.6	622.5	582.9	572.0	570.8
60°	2847.8	1326.2	577.0	501.3	558.4	644.2	641.9	602.7	563.0	555.3	553.7
62.5°	3216.2	1457.9	523.0	457.7	517.2	589.5	610.8	575.9	542.1	541.7	542.4
65°	3787.4	1656.1	464.3	419.7	475.6	543.2	574.7	548.3	520.7	528.5	529.6
67.5°	4449.5	1820.4	406.8	382.3	433.3	499.3	542.1	520.7	492.3	512.5	512.9
70°	4669.8	1673.6	356.3	345.4	389.3	457.0	506.7	490.4	461.6	481.8	479.9
72°	*4345.7*	*1351.0*	*323.7*	*317.5*	*356.3*	*422.0*	*475.2*	*462.0*	*433.6*	*447.2*	*442.2*
72.5°	4243.5	1288.1	315.5	310.5	347.4	413.0	467.1	455.0	426.6	438.3	433.6
75°	3785.4	1118.7	271.2	272.4	303.1	369.5	421.2	417.3	388.2	389.3	387.8
77.5°	2745.6	820.3	228.5	236.2	258.0	324.8	375.0	372.6	340.8	334.9	333.8
80°	1274.1	418.5	186.1	189.6	212.2	271.6	319.8	316.7	291.0	283.7	279.4
82.5°	436.4	198.9	139.9	142.2	164.4	218.8	277.4	275.5	254.1	239.7	230.8
85°	155.8	99.1	97.9	95.6	117.3	172.1	241.7	231.2	199.7	170.2	169.4
87.5°	50.5	42.4	50.5	50.1	68.4	116.6	175.6	149.6	144.9	120.5	118.1
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

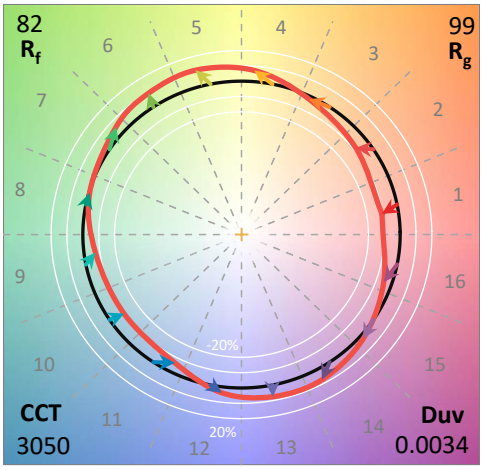
Test Information

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

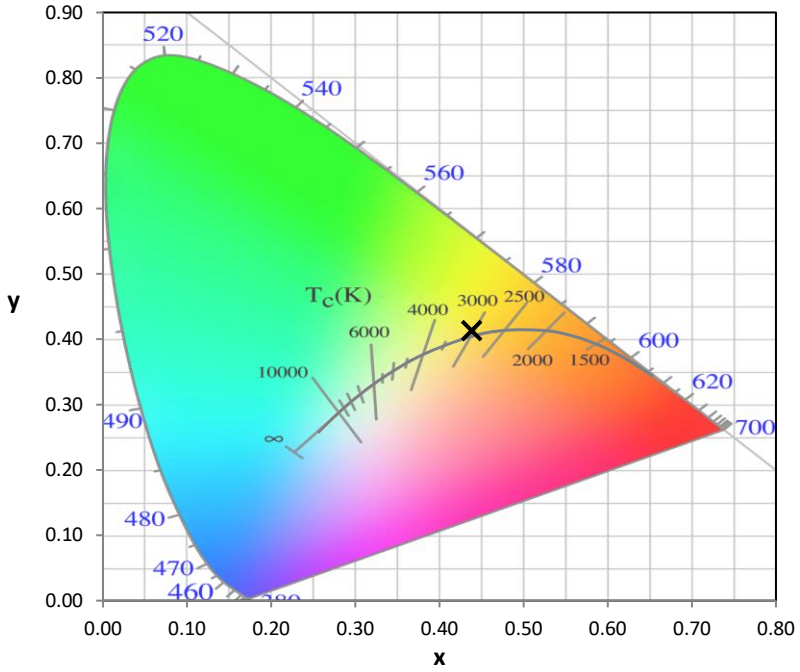
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

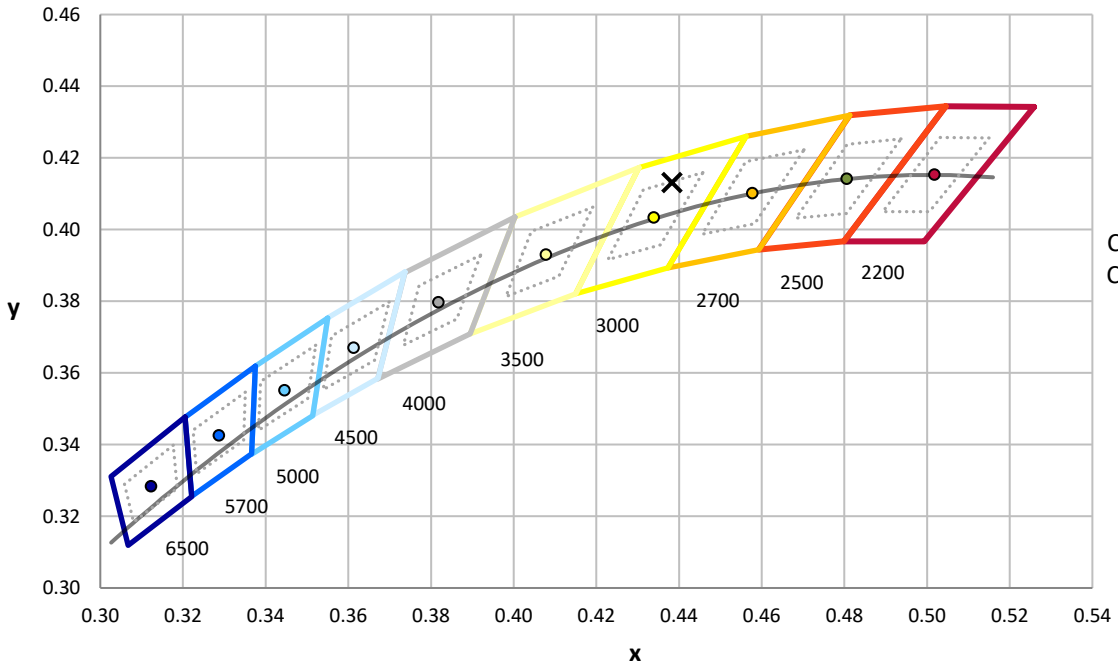
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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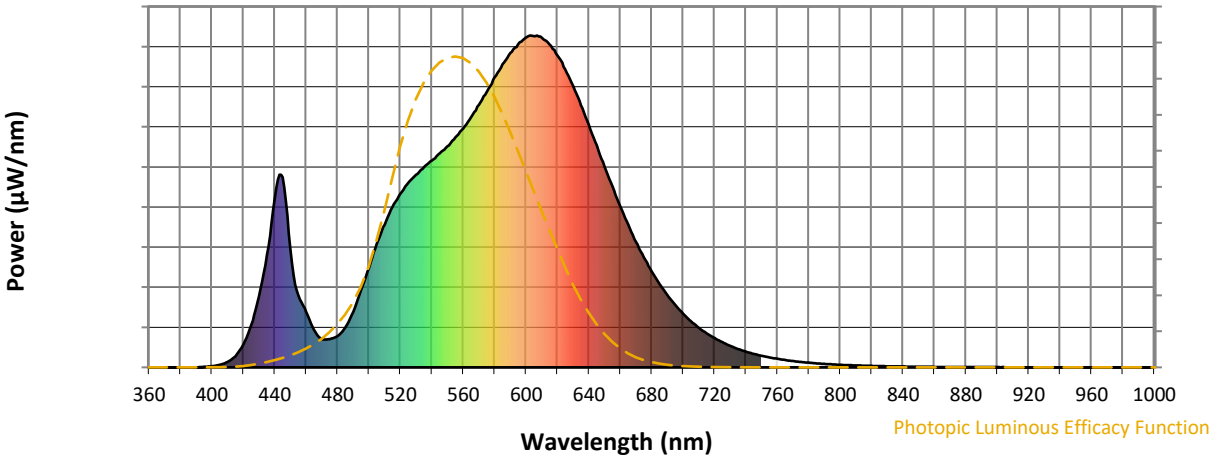
Photopic Flux vs. Wavelength



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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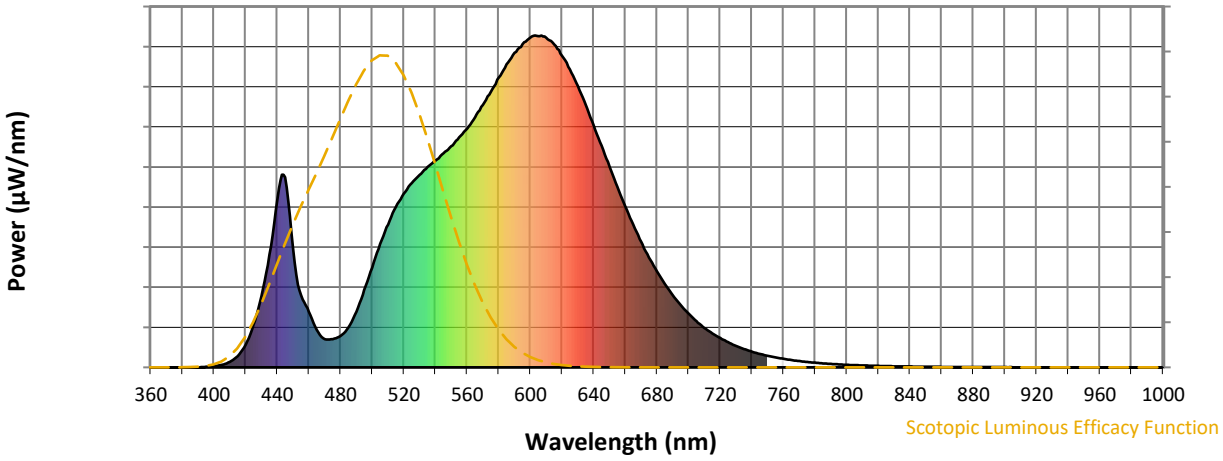
Scotopic Flux vs. Wavelength



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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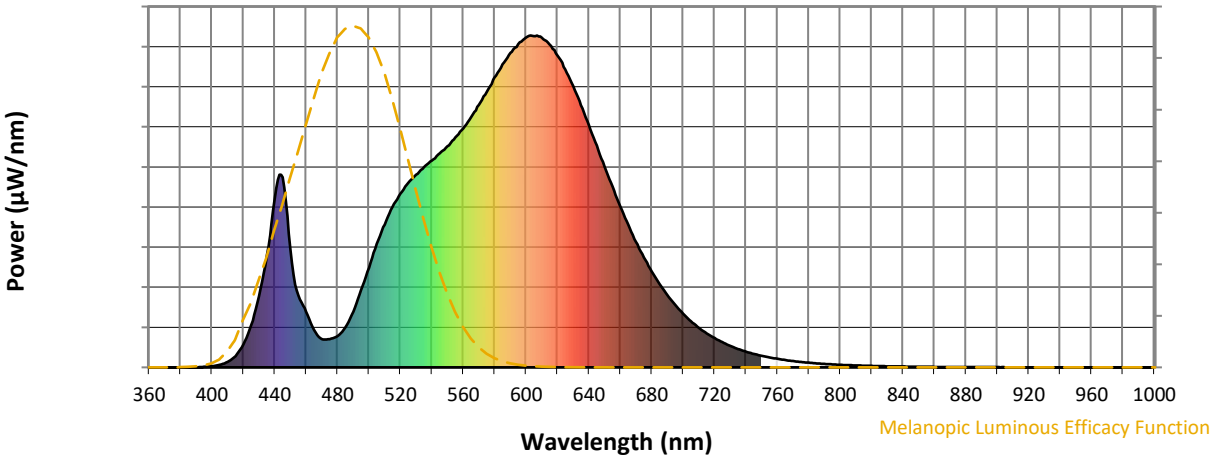
Melanopic Flux vs. Wavelength



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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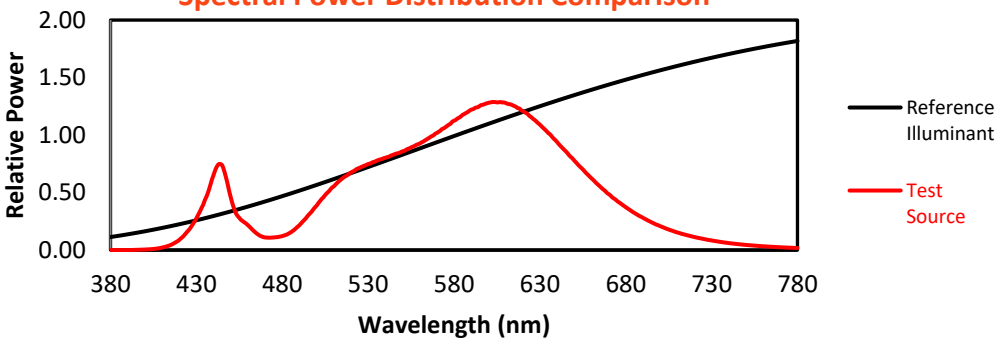
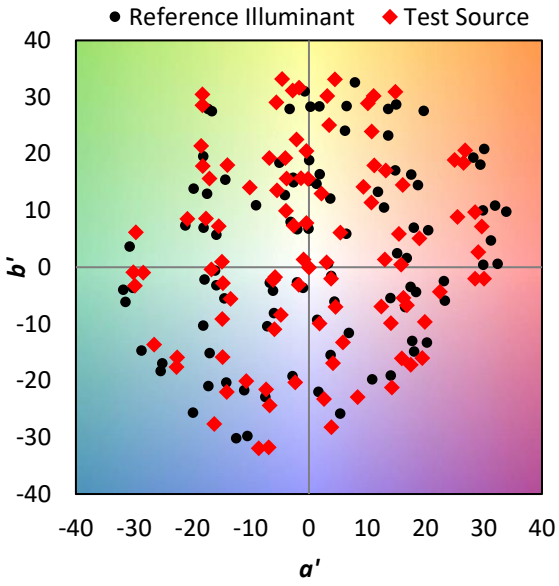
Summary

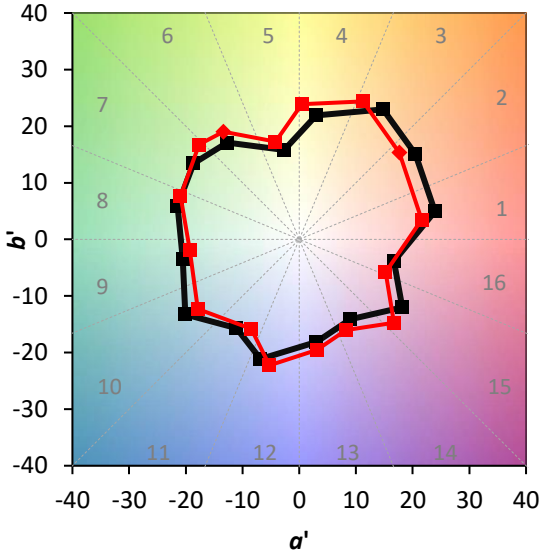
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

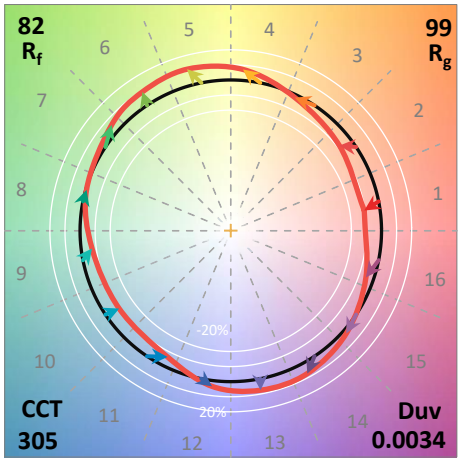
Spectral Power Distribution Comparison

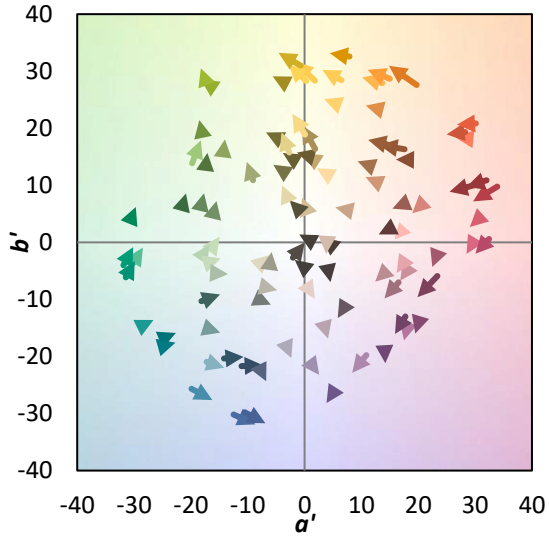


Color Vector Graphics









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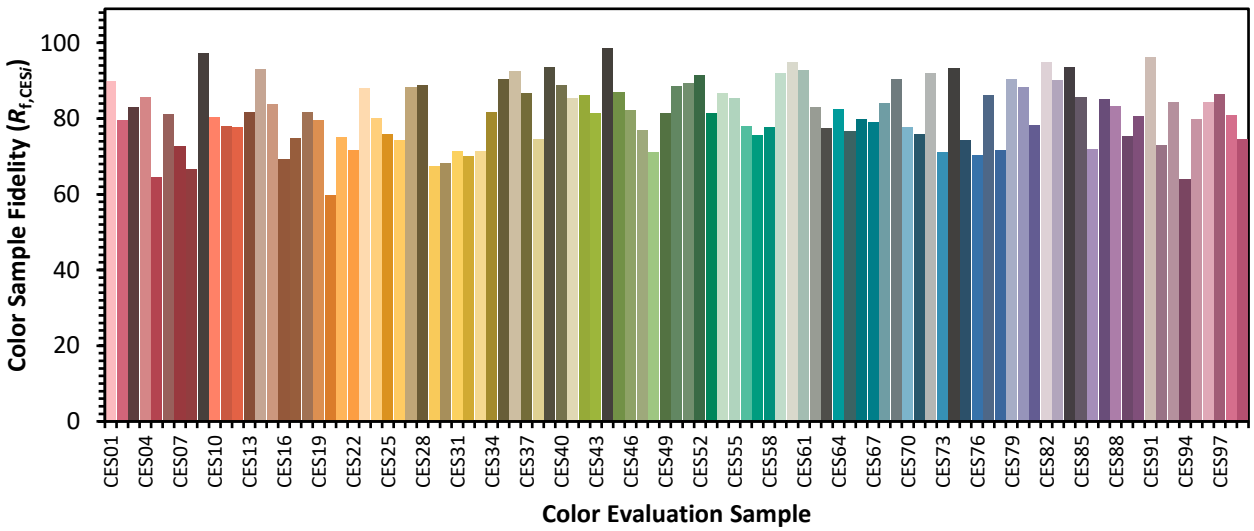
Individual Sample Fidelity Index ($R_{f,i}$)

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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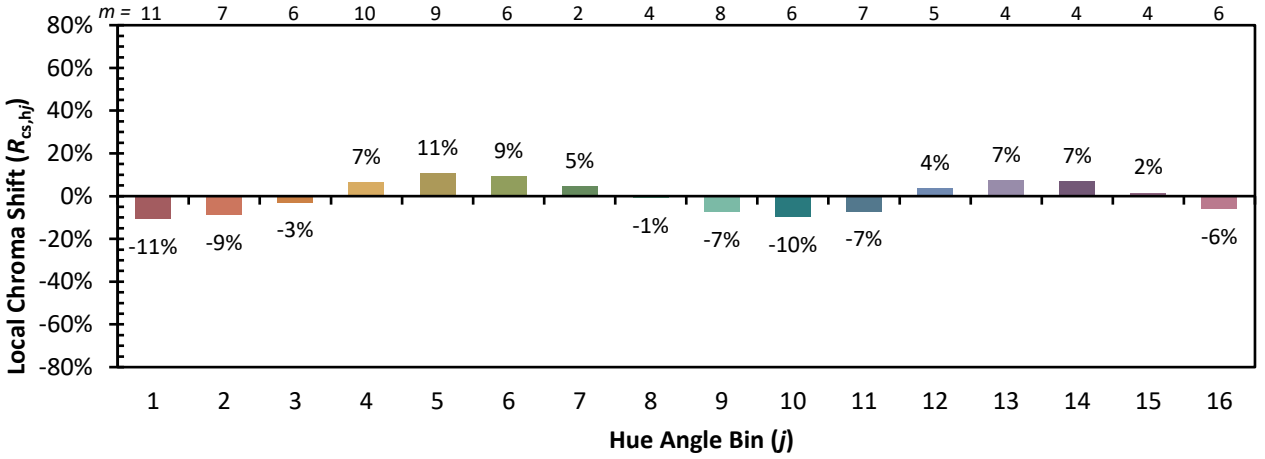
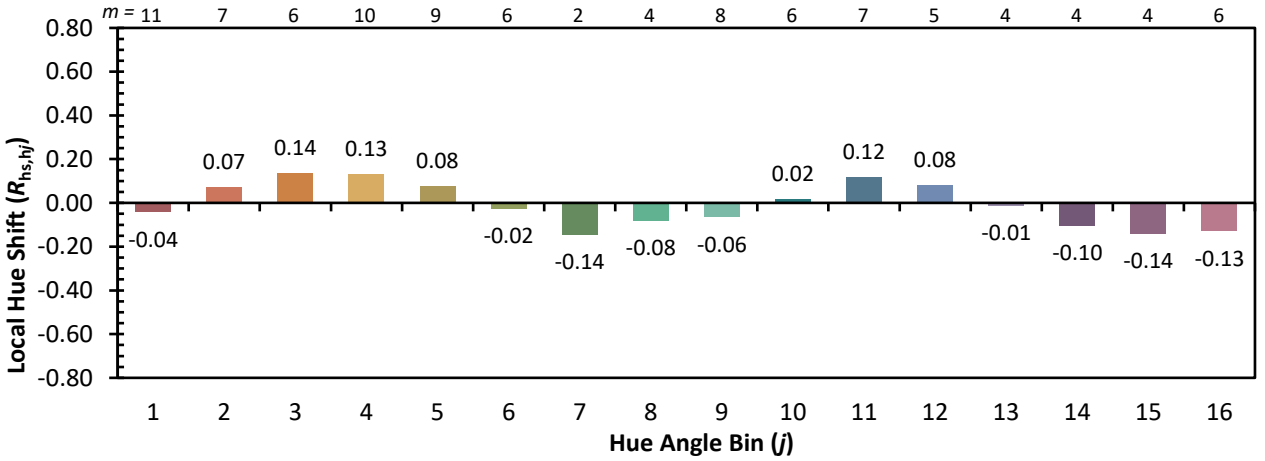
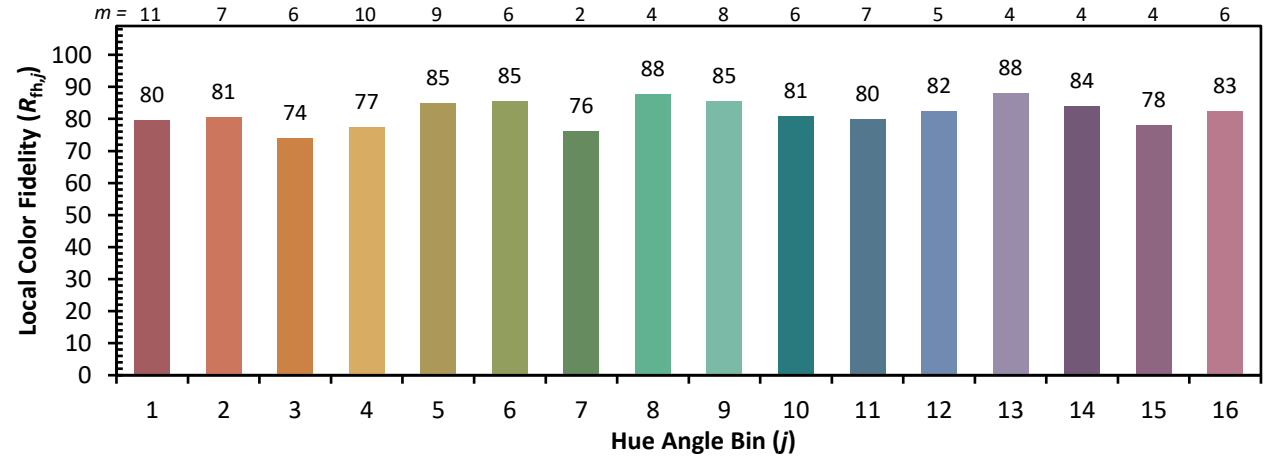
Color Rendition by Hue-Angle Bin







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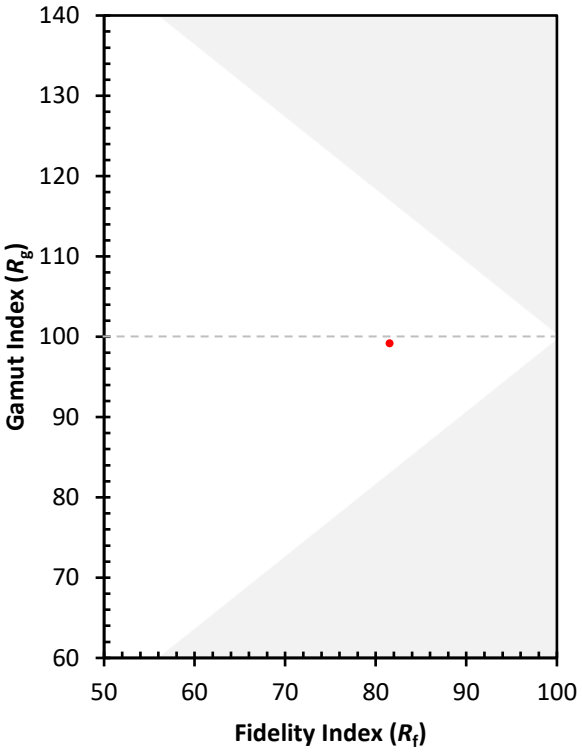
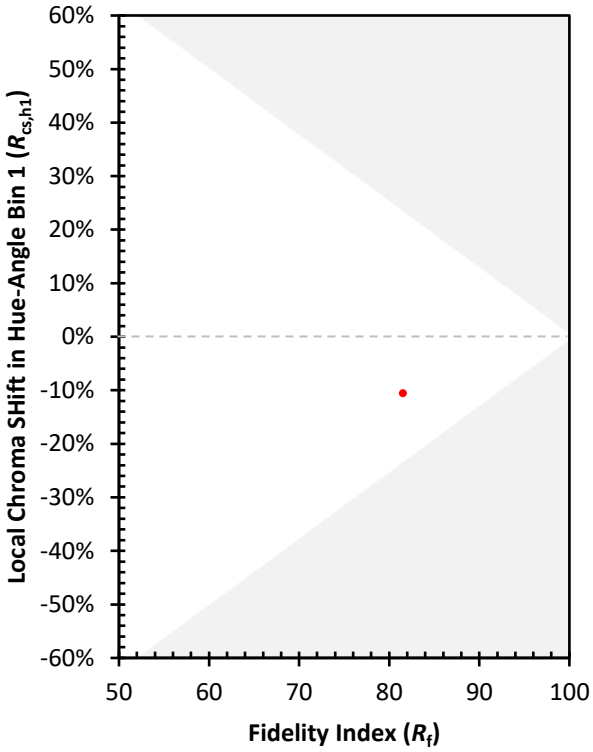
Measure Comparisons





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