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: P320170

Luminaire Tested: **GLEON-SA6C-830-U-SL4**

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:	P320170
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-24)
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-SL4
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31943 lumens
Efficiency:	N/A
Efficacy:	95.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
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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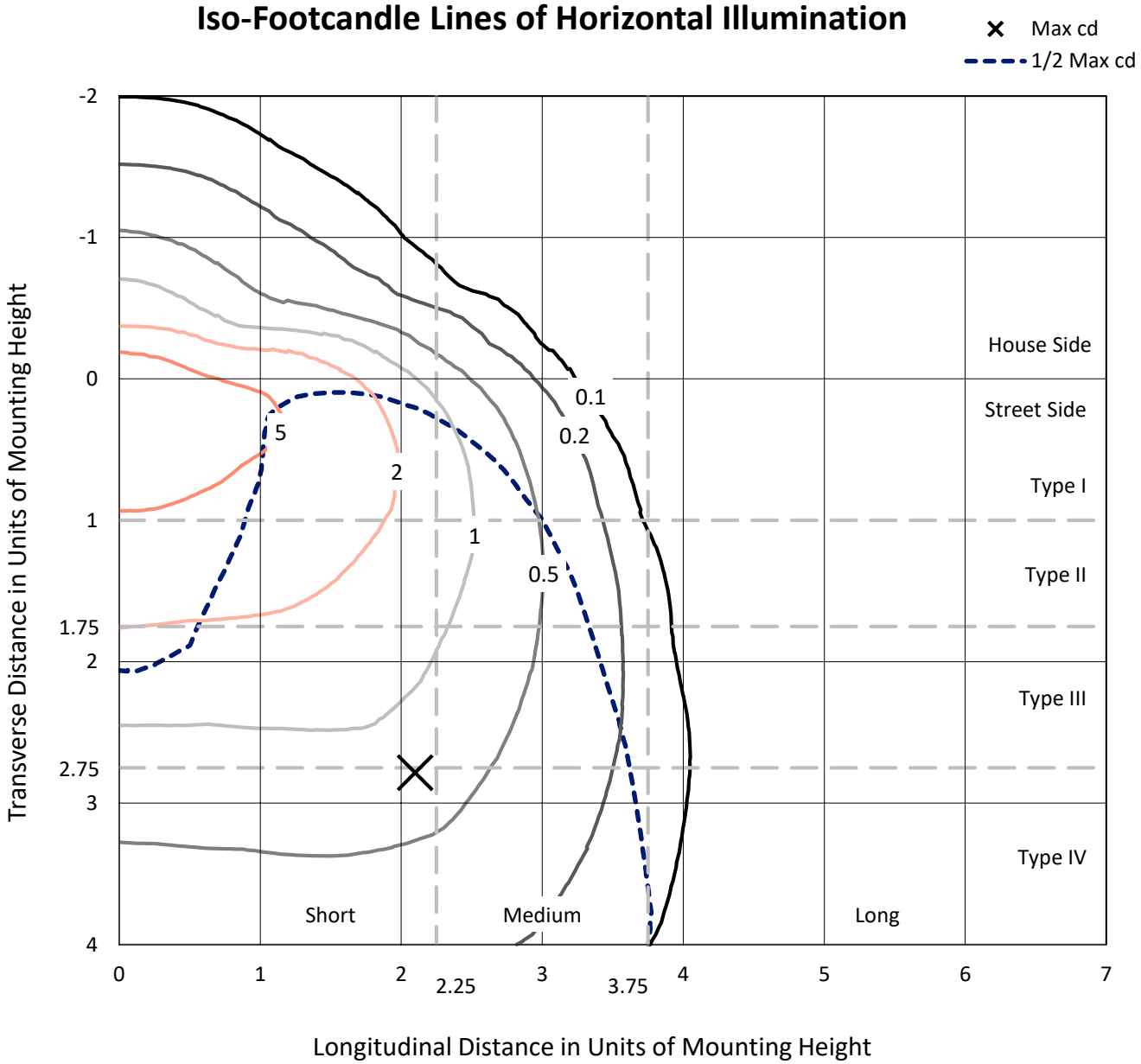
Scaled Data Report

REPORT NUMBER: P320170
CATALOG NUMBER: GLEON-SA6C-830-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.2 fc
Type IV - Short - N/A

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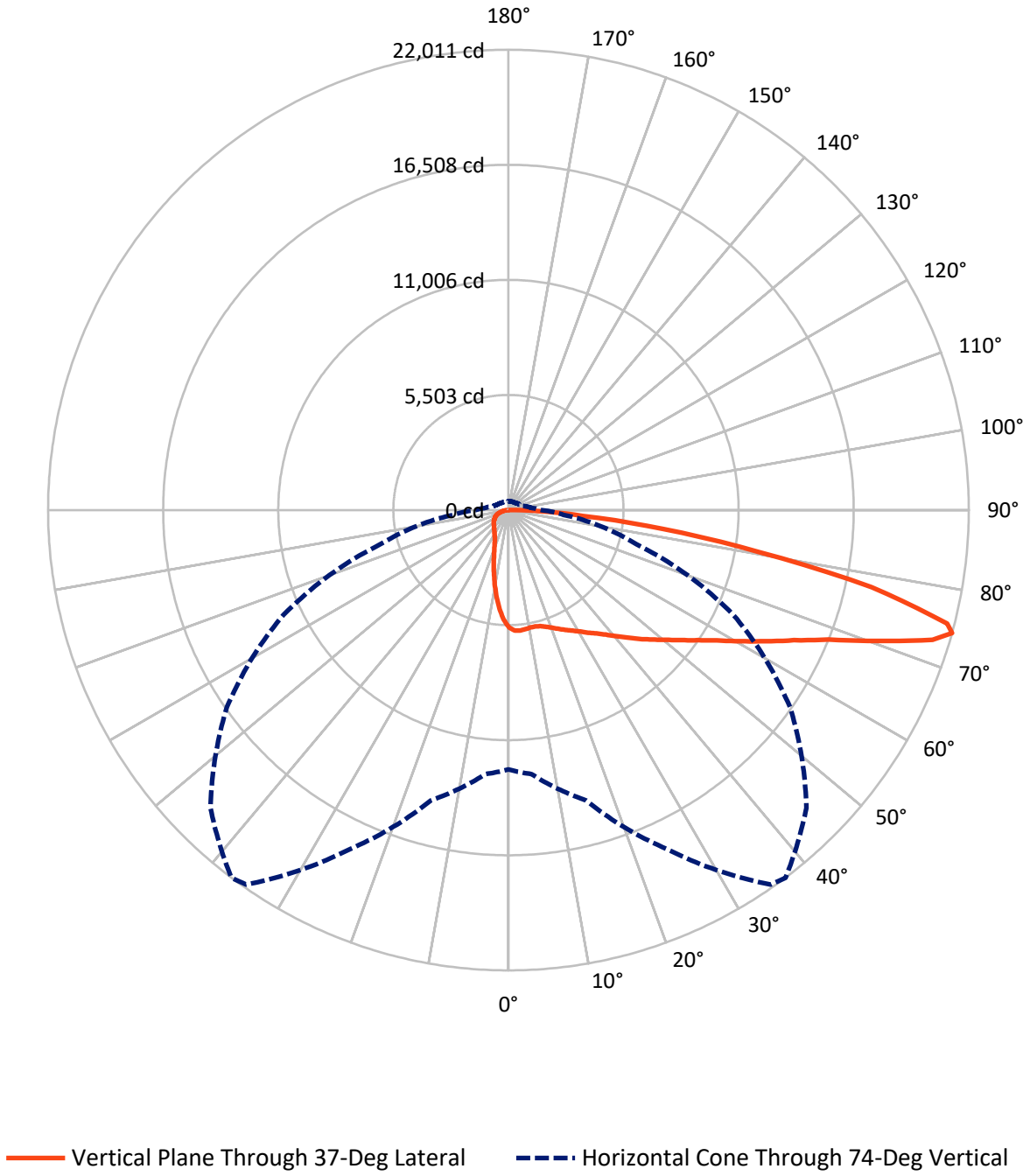
Luminous Intensity Polar Plot



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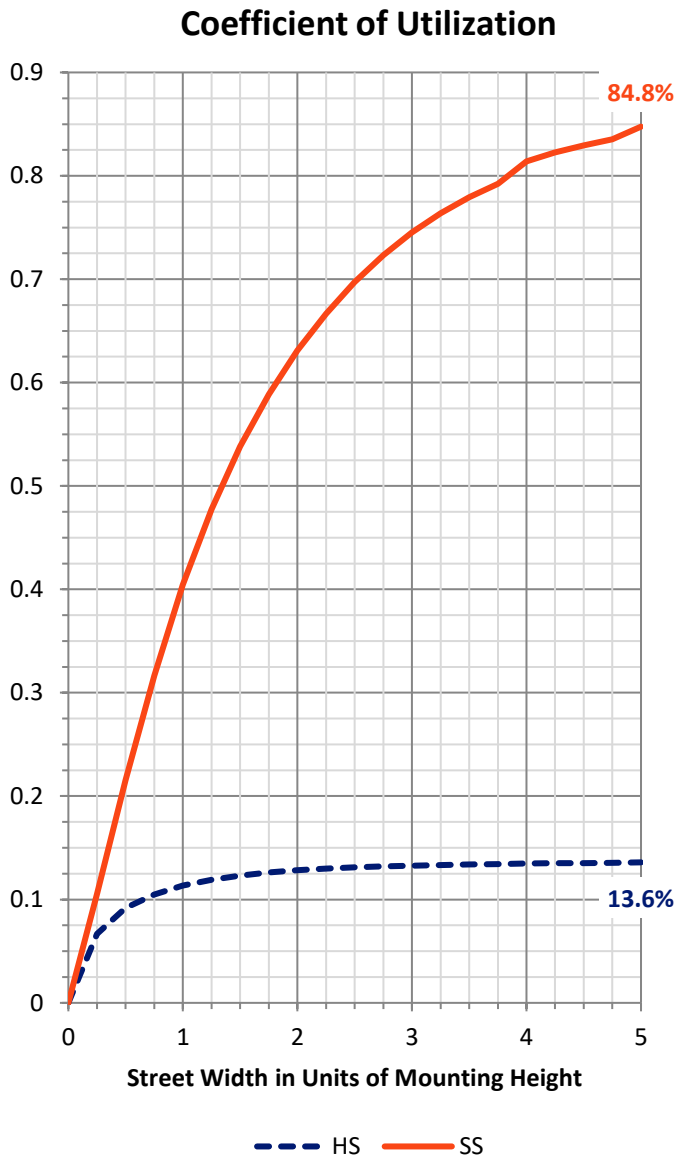
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4395.1	0.0	4395.1
	% Fixture	13.8	0.0	13.8
Street Side	Lumens	27547.9	0.0	27547.9
	% Fixture	86.2	0.0	86.2
Total	Lumens	31943.0	0.0	31943.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	495.6	1.6
10°-20°	1270.4	4.0
20°-30°	1957.5	6.1
30°-40°	2846.5	8.9
40°-50°	4189.5	13.1
50°-60°	5883.4	18.4
60°-70°	7446.6	23.3
70°-80°	6557.0	20.5
80°-90°	1296.5	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	31943.0	100.0
0°-180°	31943.0	100.0



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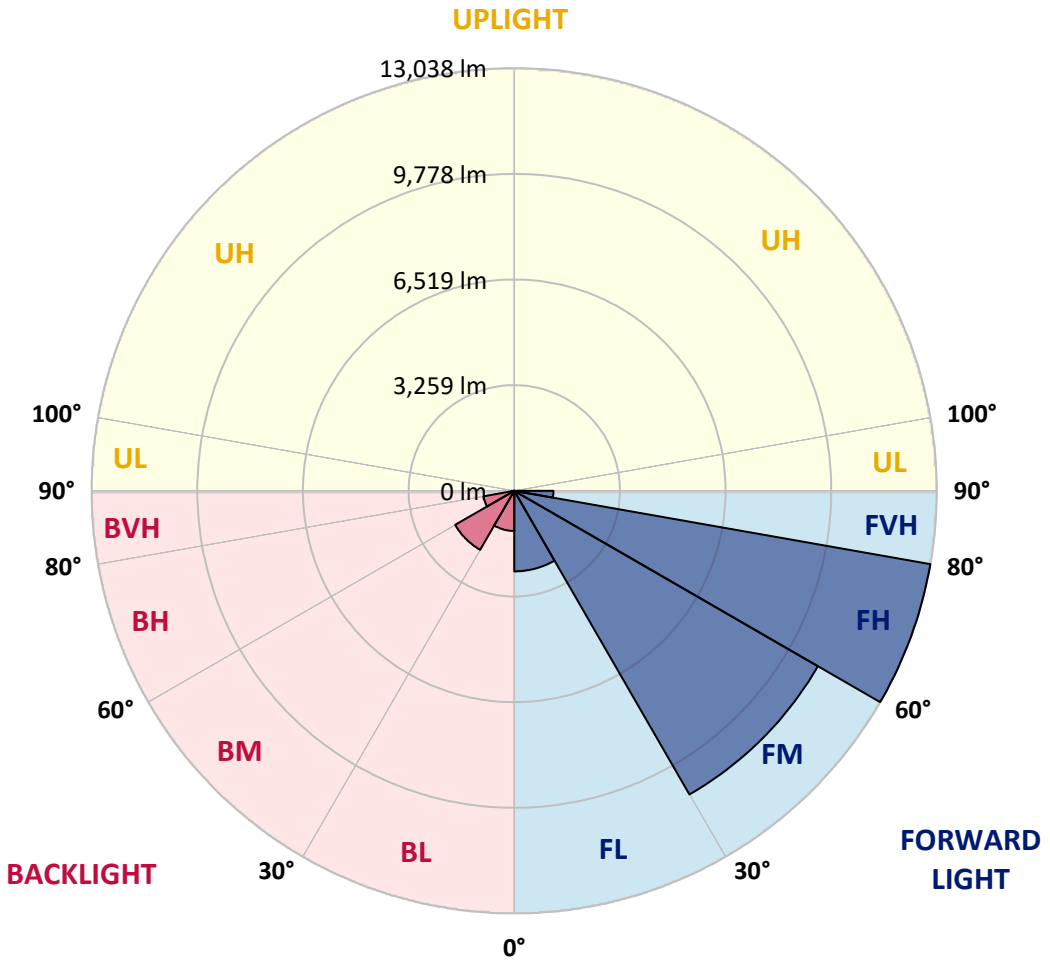
CATALOG NUMBER: GLEON-SA6C-830-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2485.5	7.8			
FM	(30°-60°)	10816.2	33.9			
FH	(60°-80°)	13037.5	40.8			G5
FVH	(80°-90°)	1208.7	3.8			G5
BL	(0°-30°)	1238.0	3.9	B3/2500		
BM	(30°-60°)	2103.2	6.6	B2/2500		
BH	(60°-80°)	966.1	3.0	B2/1000		G2/1000
BVH	(80°-90°)	87.8	0.3			G1/100
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 Short



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REPORT NUMBER: P320170
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37°	45°	55°	65°	75°	85°
0°	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2
2.5°	5820.6	5821.8	5820.6	5811.6	5790.3	5772.3	5757.6	5736.3	5689.0	5653.0	5599.0
5°	5875.8	5869.0	5864.5	5847.6	5813.9	5793.6	5765.5	5725.0	5647.4	5575.3	5487.6
7.5°	5849.9	5842.0	5831.9	5811.6	5773.4	5756.5	5717.1	5664.2	5570.8	5476.3	5350.3
10°	5770.0	5767.8	5763.3	5758.8	5726.1	5712.6	5676.6	5620.4	5528.1	5413.3	5265.9
12.5°	5681.1	5686.7	5704.7	5728.4	5713.7	5707.0	5684.5	5646.2	5551.7	5427.9	5250.2
15°	5624.9	5640.6	5689.0	5750.9	5763.3	5761.0	5755.4	5730.6	5630.5	5493.2	5286.2
17.5°	5605.7	5631.6	5723.9	5826.3	5862.3	5870.2	5872.4	5829.6	5718.2	5573.1	5323.3
20°	5640.6	5673.2	5808.3	5948.9	6006.3	6010.8	6000.7	5926.4	5801.5	5641.7	5343.6
22.5°	5746.4	5775.6	5944.4	6103.1	6168.3	6175.1	6144.7	6032.2	5889.3	5722.7	5371.7
25°	5950.0	5986.0	6154.8	6313.5	6347.2	6348.4	6304.5	6165.0	6004.0	5836.4	5432.4
27.5°	6215.6	6251.6	6403.5	6558.8	6540.8	6530.6	6471.0	6331.5	6153.7	5992.8	5540.5
30°	6511.5	6550.9	6694.9	6805.2	6762.4	6742.2	6693.8	6513.8	6361.9	6206.6	5705.9
32.5°	6817.6	6853.6	6979.6	7055.0	7001.0	6992.0	6918.8	6754.6	6633.0	6532.9	5973.7
35°	7131.5	7157.4	7281.1	7323.9	7251.9	7249.6	7229.4	7078.6	7002.1	7049.4	6363.0
37.5°	7452.2	7458.9	7564.7	7566.9	7545.6	7554.6	7575.9	7481.4	7502.8	7650.2	6869.3
40°	7738.0	7756.0	7832.5	7856.1	7893.3	7924.8	8031.7	7969.8	8135.2	8396.2	7499.4
42.5°	7949.5	7984.4	8107.0	8167.8	8288.2	8337.7	8488.5	8545.9	8878.9	9270.5	8248.8
45°	8128.4	8182.4	8379.3	8504.2	8707.9	8794.5	9010.6	9203.0	9719.4	10219.0	9037.6
47.5°	8322.0	8390.6	8637.0	8875.5	9152.3	9250.2	9642.9	9931.0	10616.2	11173.2	9781.3
50°	8606.6	8659.5	8900.3	9275.0	9620.4	9746.5	10289.9	10702.9	11527.6	12082.4	10426.1
52.5°	9003.8	8983.6	9187.2	9712.7	10176.3	10331.6	10980.8	11524.3	12451.4	12904.9	10970.7
55°	9403.3	9369.5	9512.4	10170.7	10824.4	10987.5	11741.4	12349.0	13330.2	13645.3	11388.1
57.5°	9847.7	9783.6	9904.0	10687.1	11562.5	11757.2	12593.2	13225.6	14194.4	14243.9	11653.7
60°	10305.7	10219.0	10354.1	11327.4	12499.8	12729.3	13590.1	14080.7	15009.0	14723.2	11739.2
62.5°	10706.2	10645.5	10853.6	12041.9	13556.4	13808.4	14569.0	14989.9	15812.4	14922.4	11430.9
65°	11056.2	11066.3	11426.4	12845.2	14734.4	15003.4	15692.0	16110.6	16444.7	14804.2	10709.6
67.5°	11473.6	11531.0	12145.4	13902.9	16217.5	16512.3	17325.8	17332.5	16798.1	14111.1	9289.6
70°	12082.4	12200.5	13134.4	15370.2	18326.1	18731.1	19359.0	18050.4	16301.8	12232.0	7309.3
72.5°	12622.5	12843.0	14186.5	17049.0	20896.0	21203.2	20548.3	17636.3	14228.1	9167.0	4553.7
74°	12403.0	12676.5	14377.8	17876.0	21863.7	22011.1	20146.6	16427.9	11862.9	6348.4	2646.5
75°	11930.5	12227.5	14098.7	17868.1	21741.0	21658.9	19176.7	15047.3	9770.1	4329.8	1760.9
77.5°	9628.3	9942.2	11879.8	15313.9	17826.5	17748.8	14731.1	10094.1	4279.1	1420.0	894.5
80°	5597.9	5837.5	7374.5	9725.1	12020.5	12161.1	9687.9	4994.7	1683.3	797.8	606.5
82.5°	2486.7	2652.1	3562.4	4964.4	7254.1	7435.3	5073.5	2617.2	1039.7	485.0	364.6
85°	1631.5	1754.2	2162.6	2364.0	3454.4	3578.1	2483.3	2037.7	686.4	266.7	267.8
87.5°	1173.6	1291.7	1606.8	1403.1	1585.4	1501.0	1351.4	1885.8	275.7	151.9	90.0
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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Scaled Data Report

REPORT NUMBER: P320170
CATALOG NUMBER: GLEON-SA6C-830-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2	5628.2
2.5°	5575.3	5557.3	5516.8	5440.3	5397.6	5361.6	5301.9	5267.0	5251.3	5250.2	5256.9
5°	5436.9	5395.3	5290.7	5162.4	5060.0	4966.6	4850.7	4781.0	4731.5	4702.2	4710.1
7.5°	5276.0	5210.8	5046.5	4841.7	4677.4	4496.3	4317.4	4210.5	4127.2	4065.3	4076.6
10°	5165.8	5075.8	4836.1	4541.3	4267.9	4004.6	3758.2	3610.8	3493.7	3403.7	3410.5
12.5°	5128.6	5007.1	4675.2	4281.4	3897.7	3537.6	3215.8	2989.6	2869.3	2766.9	2774.7
15°	5134.3	4971.1	4540.2	4047.3	3564.6	3111.2	2720.7	2456.3	2293.2	2222.3	2223.4
17.5°	5138.8	4929.5	4398.4	3796.4	3234.9	2712.8	2288.6	2020.9	1866.7	1801.4	1802.6
20°	5124.1	4862.0	4222.9	3508.4	2890.6	2347.2	1936.5	1709.2	1592.2	1541.5	1541.5
22.5°	5105.0	4782.1	4024.8	3219.2	2550.8	2029.9	1684.4	1511.1	1443.6	1409.9	1408.7
25°	5114.0	4722.4	3822.3	2922.1	2238.0	1776.7	1516.8	1402.0	1357.0	1335.6	1334.5
27.5°	5162.4	4694.3	3635.5	2626.2	1964.6	1586.5	1404.2	1323.2	1294.0	1280.5	1280.5
30°	5250.2	4694.3	3440.9	2374.2	1737.3	1445.9	1317.6	1262.5	1242.2	1233.2	1233.2
32.5°	5403.2	4720.2	3252.9	2124.4	1556.1	1335.6	1245.6	1208.5	1192.7	1188.2	1188.2
35°	5666.5	4808.0	3069.5	1888.1	1409.9	1245.6	1177.0	1155.6	1144.3	1143.2	1146.6
37.5°	6036.7	4986.9	2897.4	1713.7	1306.4	1172.5	1119.6	1102.7	1095.9	1101.6	1106.1
40°	6502.5	5229.9	2741.0	1556.1	1227.6	1113.9	1066.7	1055.4	1052.1	1059.9	1066.7
42.5°	7065.1	5558.5	2612.7	1442.5	1166.8	1064.4	1021.7	1008.2	1004.8	1013.8	1022.8
45°	7673.8	5911.8	2522.7	1358.1	1119.6	1027.3	982.3	967.7	960.9	965.4	975.5
47.5°	8227.4	6246.0	2486.7	1298.5	1074.6	995.8	947.4	929.4	918.2	915.9	923.8
50°	8694.4	6494.6	2503.6	1262.5	1038.6	960.9	913.7	893.4	876.5	866.4	872.0
52.5°	9034.2	6651.0	2519.3	1246.7	1010.4	922.7	876.5	857.4	834.9	818.0	818.0
55°	9280.6	6687.0	2484.4	1234.3	989.0	881.0	834.9	816.9	794.4	775.3	773.0
57.5°	9377.4	6585.8	2355.0	1216.3	974.4	841.6	791.0	777.5	758.4	735.9	734.8
60°	9246.9	6273.0	2105.2	1178.1	955.3	809.0	747.1	738.1	729.1	707.7	706.6
62.5°	8722.5	5586.6	1782.3	1100.4	917.0	774.1	706.6	711.1	712.2	697.6	695.4
65°	7771.7	4643.7	1467.3	999.2	859.7	732.5	665.0	686.4	698.7	696.5	693.1
67.5°	6390.0	3614.1	1243.3	892.3	784.3	675.1	620.0	644.7	654.9	662.7	660.5
70°	4742.7	2548.6	1028.4	779.8	693.1	607.6	561.5	573.9	567.1	576.1	579.5
72.5°	2644.2	1529.1	838.3	667.2	598.6	528.8	496.2	494.0	479.3	479.3	479.3
74°	*1586.5*	*1121.8*	*737.0*	*597.5*	*541.2*	*477.1*	*449.0*	*438.8*	*425.3*	*426.4*	*425.3*
75°	1276.0	964.3	676.2	551.3	500.7	446.7	418.6	405.1	394.9	394.9	393.8
77.5°	805.6	732.5	544.6	438.8	400.6	367.9	348.8	330.8	330.8	329.7	328.6
80°	608.7	582.9	424.2	331.9	307.2	282.4	270.0	262.2	262.2	265.5	264.4
82.5°	417.4	438.8	298.2	231.8	219.4	201.4	199.2	200.3	196.9	192.4	191.3
85°	304.9	329.7	201.4	146.3	133.9	122.6	131.6	136.1	130.5	120.4	115.9
87.5°	117.0	216.0	108.0	60.8	56.3	48.4	56.3	58.5	63.0	49.5	50.6
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

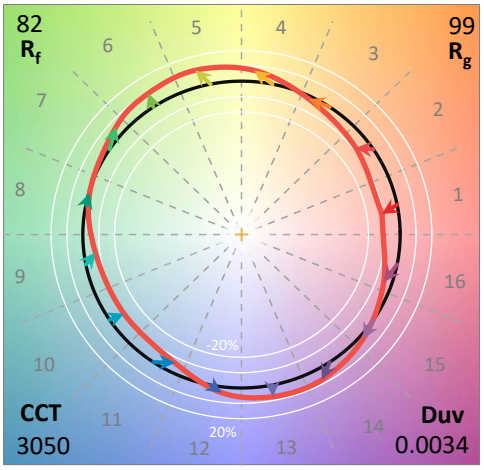
Test Information

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

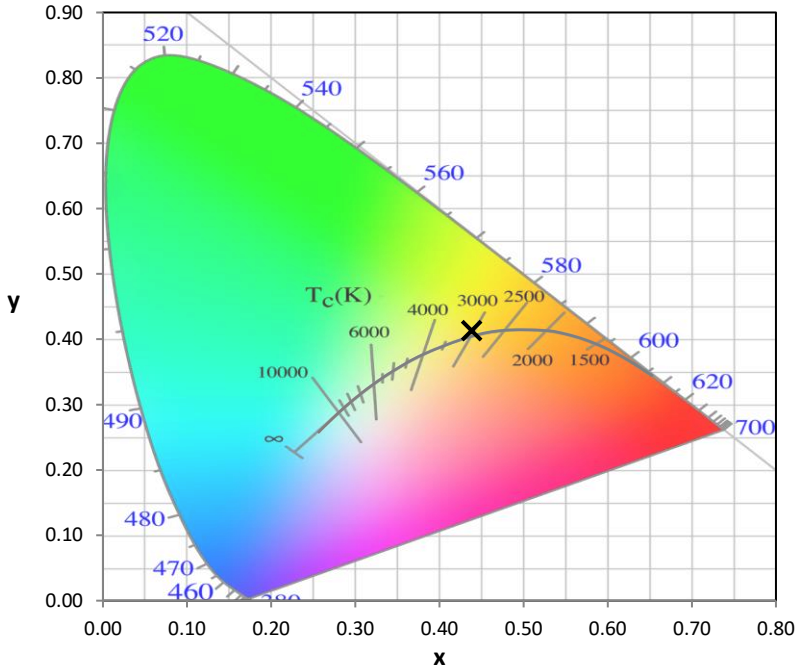
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

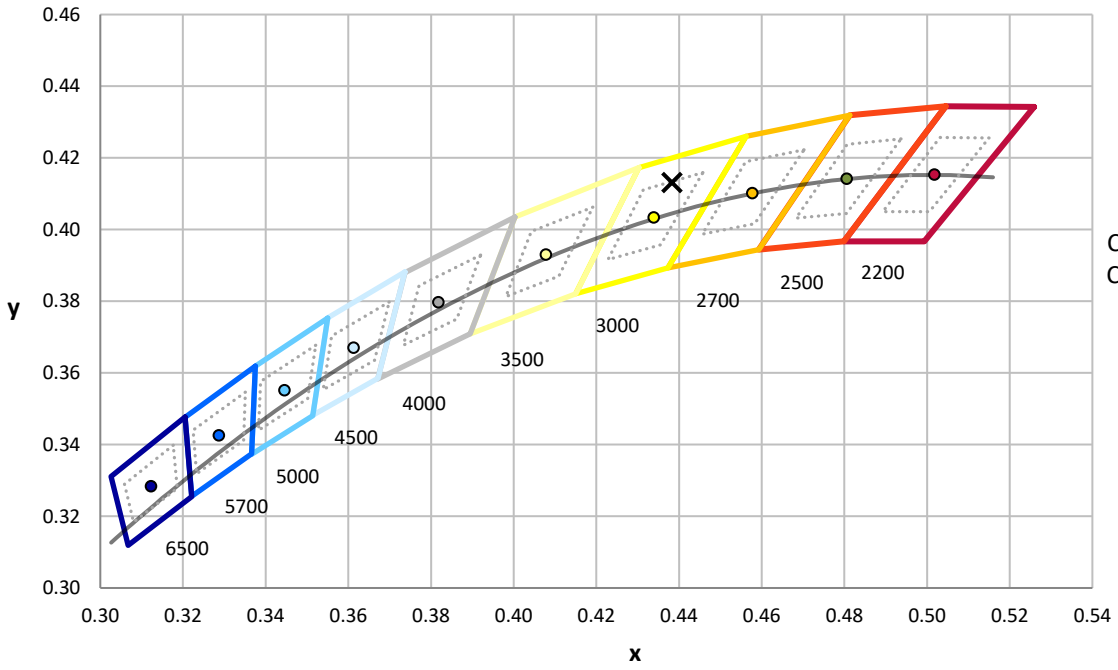
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

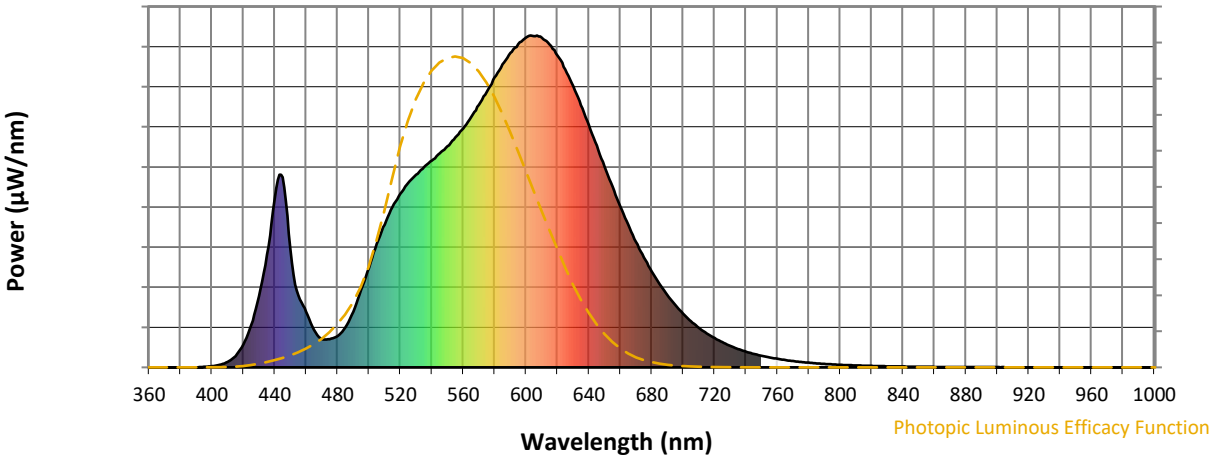


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

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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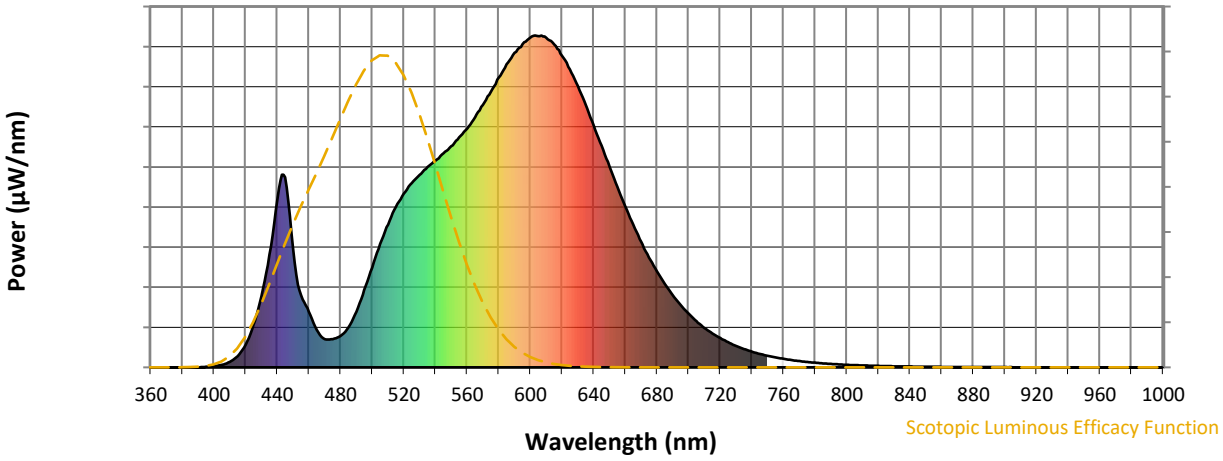
Scotopic Flux vs. Wavelength



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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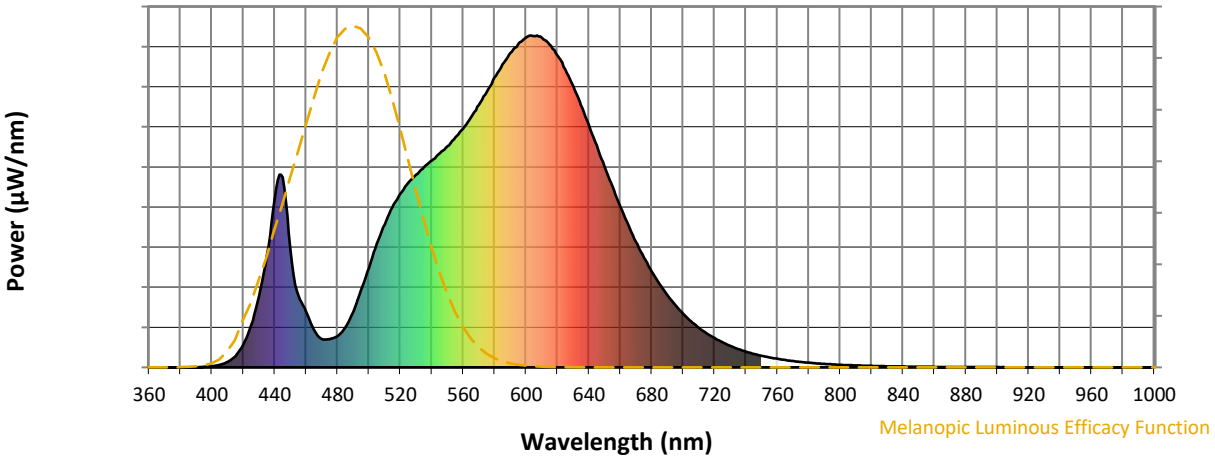
Melanopic Flux vs. Wavelength



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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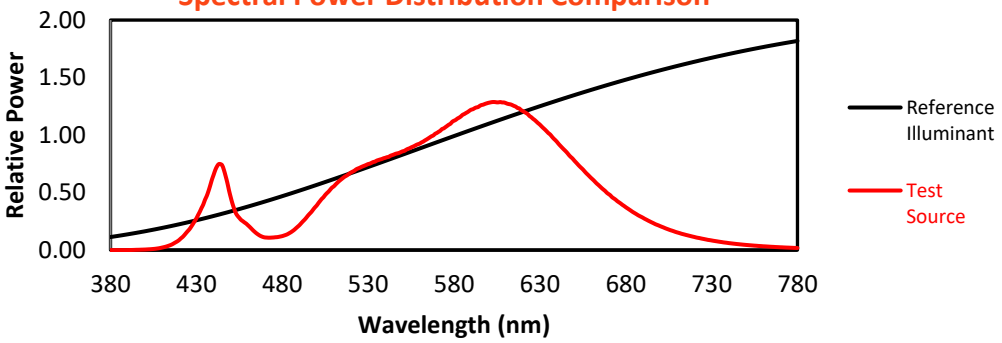
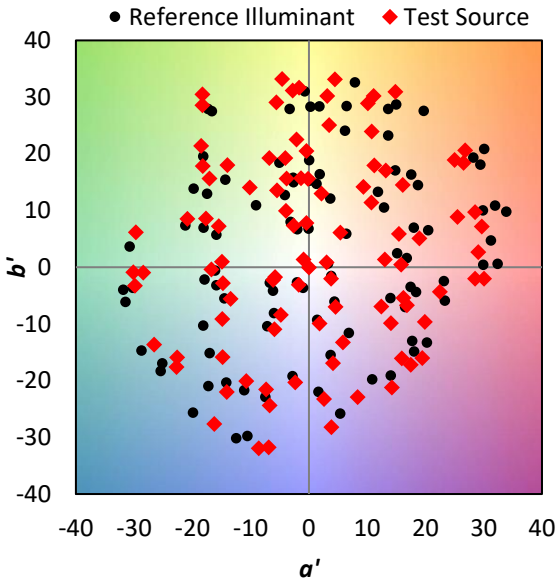
Summary

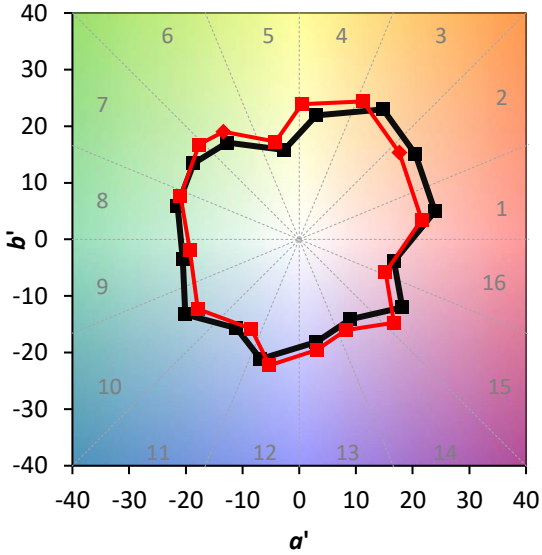
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

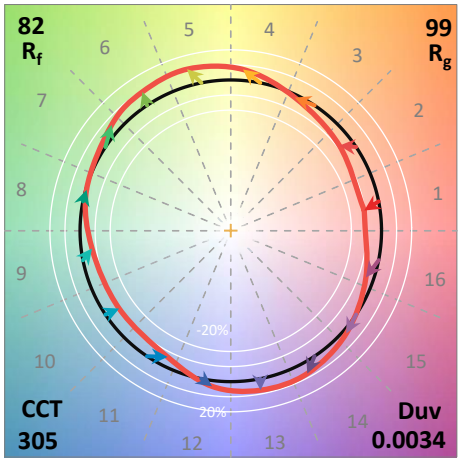
Spectral Power Distribution Comparison

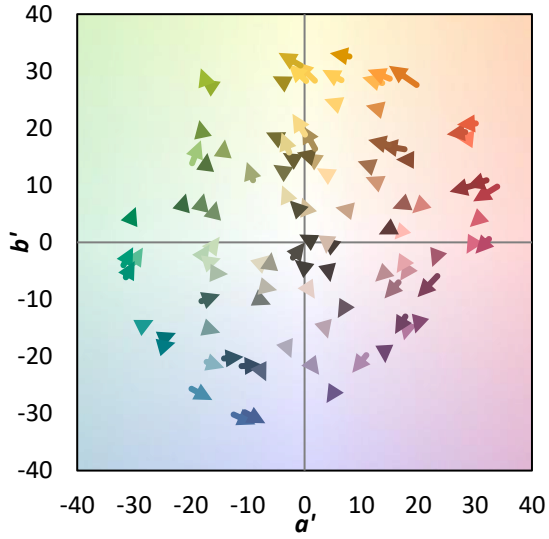


Color Vector Graphics









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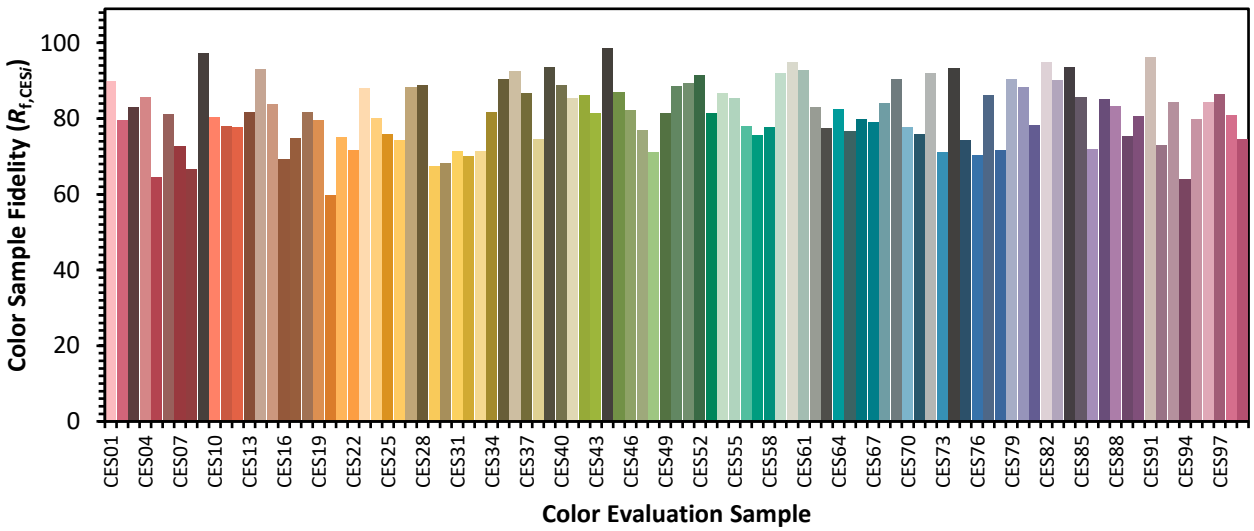
Individual Sample Fidelity Index ($R_{f,i}$)

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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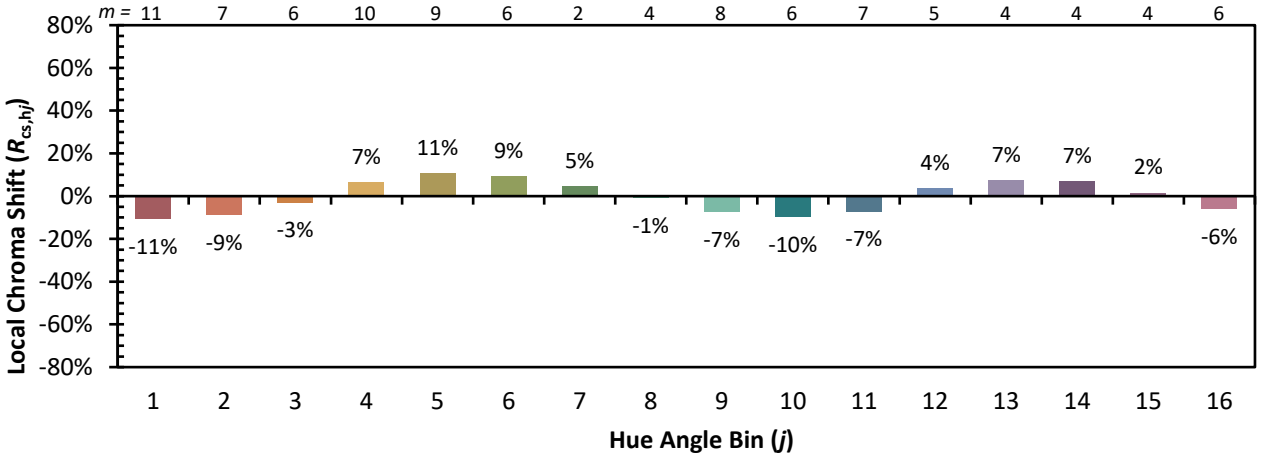
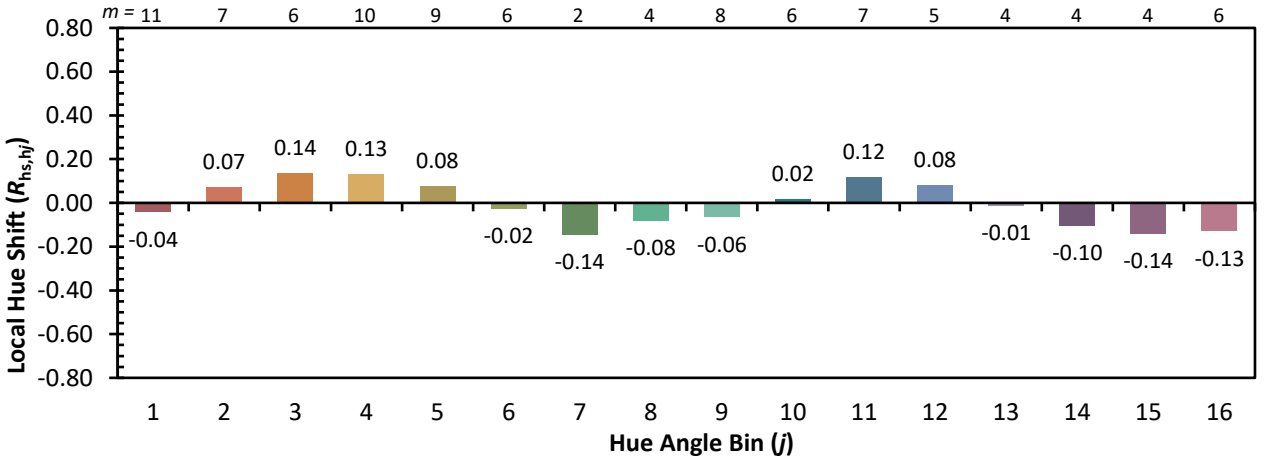
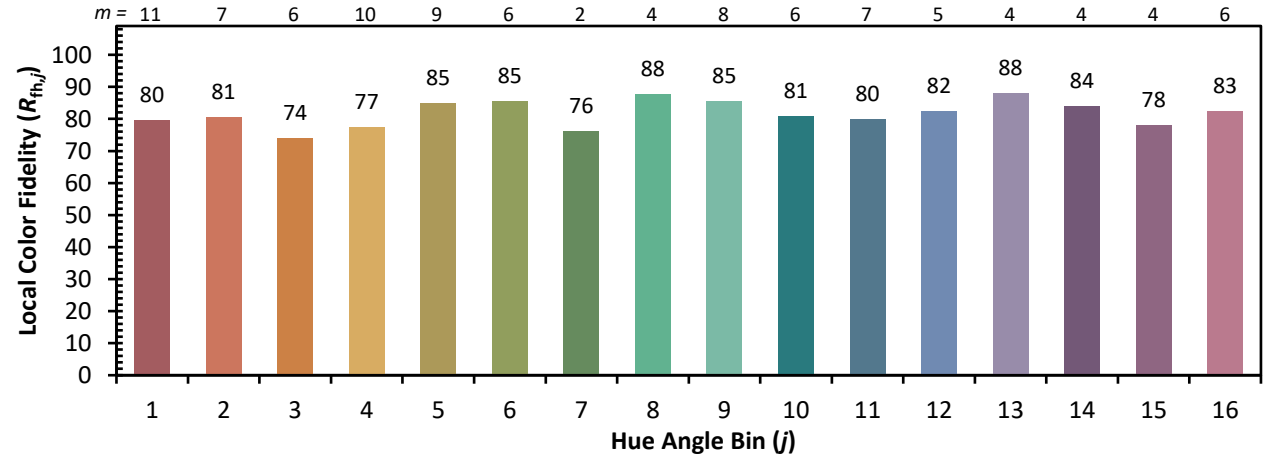
Color Rendition by Hue-Angle Bin







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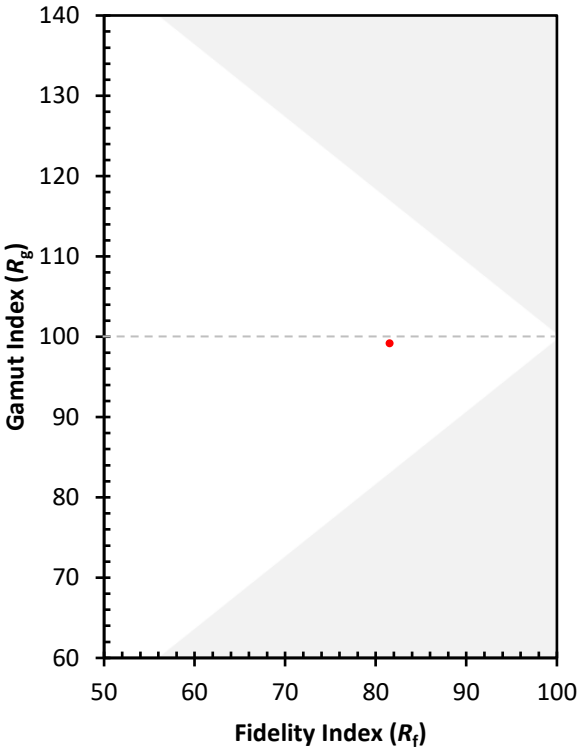
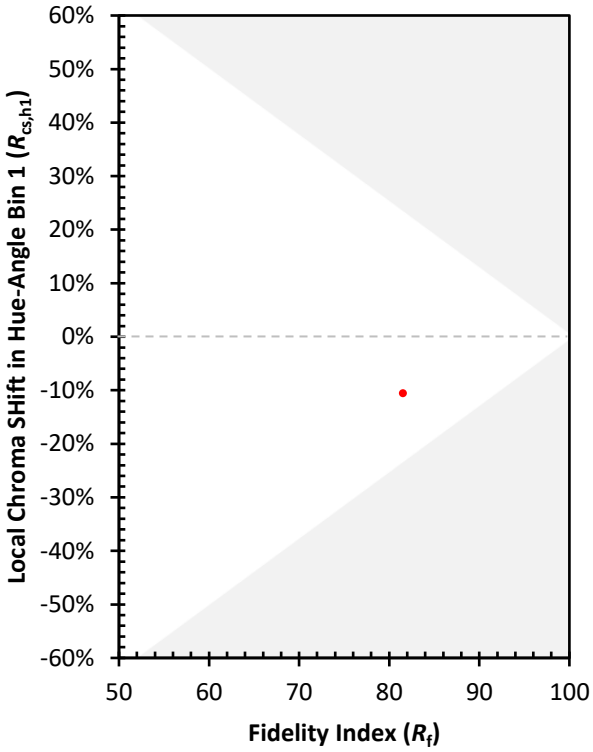
Measure Comparisons





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