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: P386069

Luminaire Tested: **GPC-SA1C-830-U-T4W**

Issue Date: 3/3/2020

Report Generated By 670245982

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:	P386069
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA1C-830-U-T4W
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5961 lumens
Efficiency:	N/A
Efficacy:	102.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	58
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:	28.75 FT

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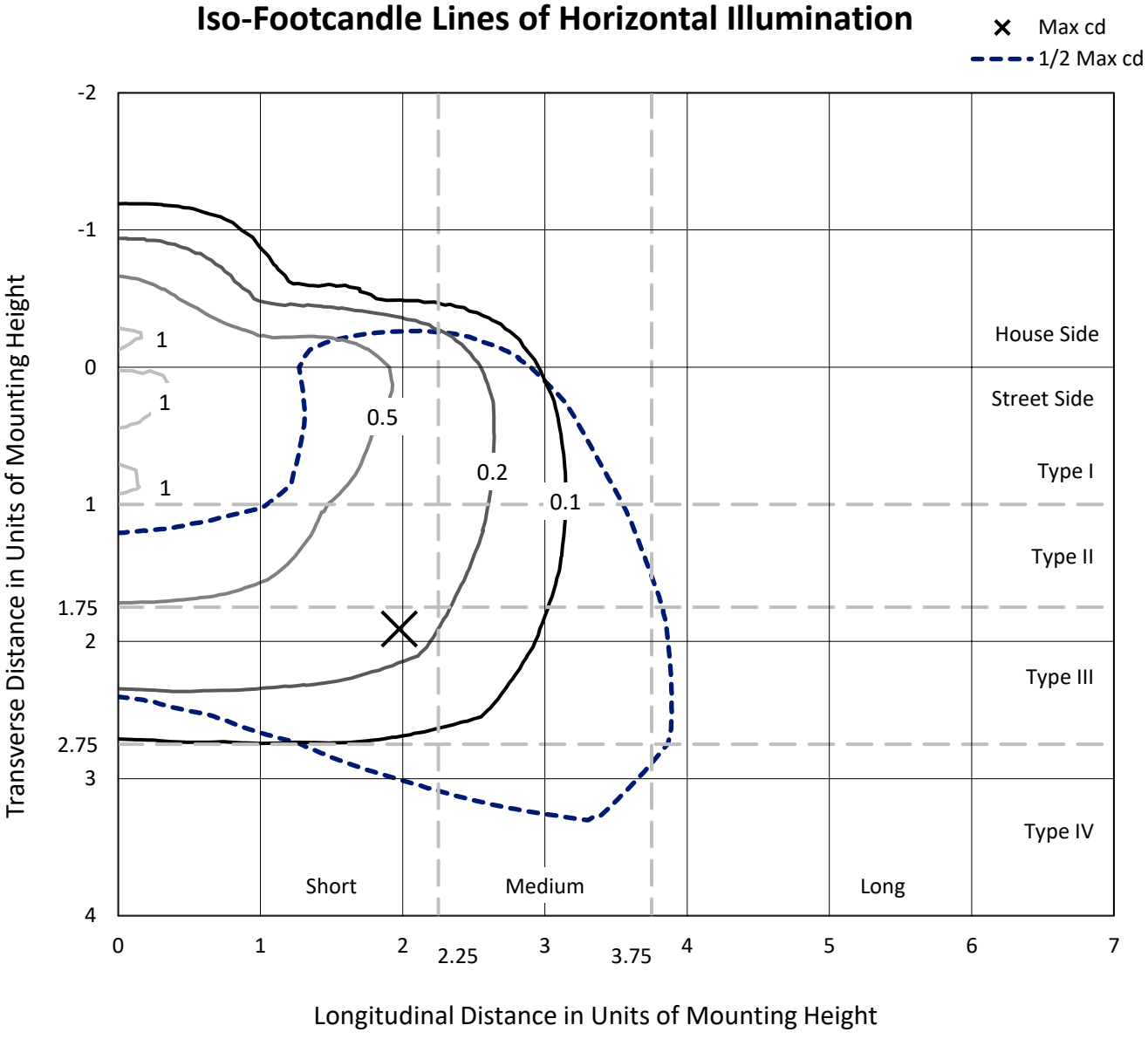
Scaled Data Report

REPORT NUMBER: P386069
CATALOG NUMBER: GPC-SA1C-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
Type IV - Short - N/A

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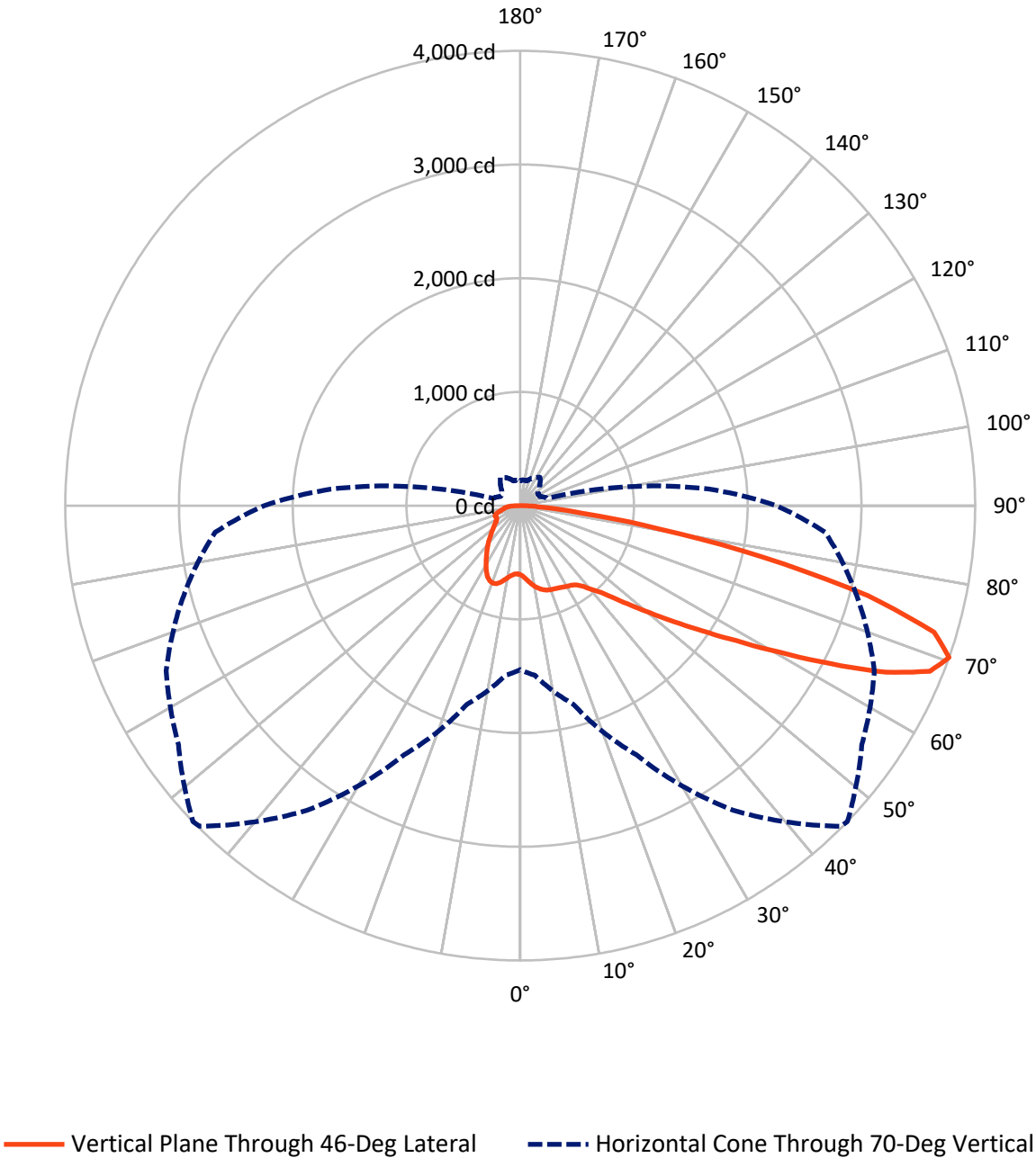
Luminous Intensity Polar Plot



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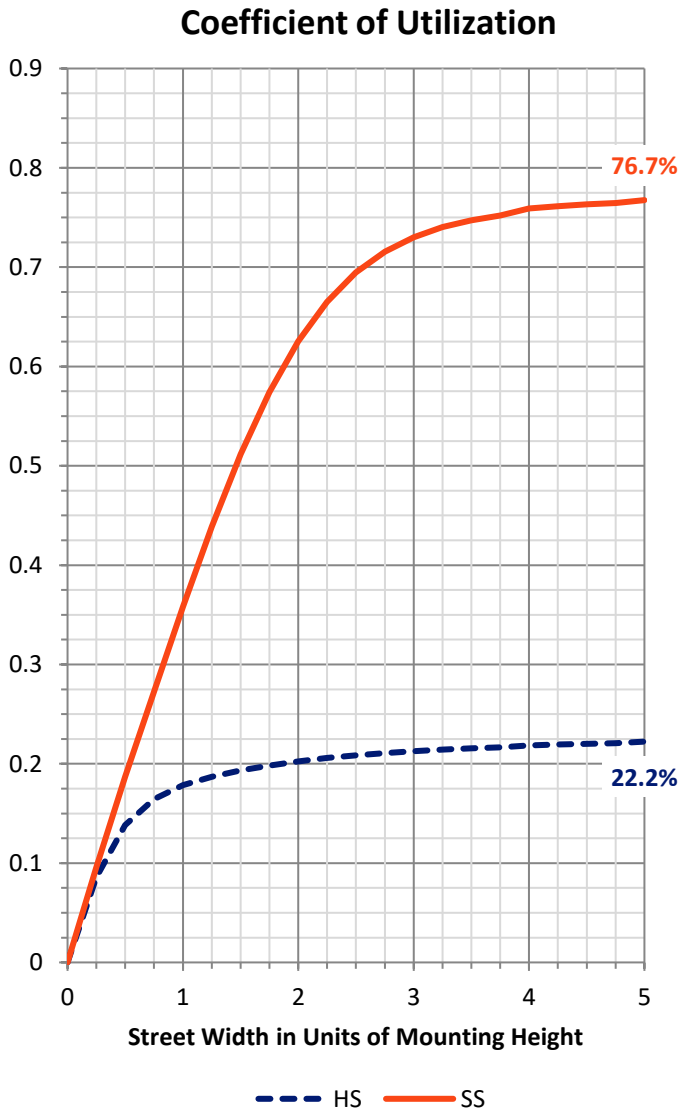
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1366.2	0.0	1366.2
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	4594.8	0.0	4594.8
	% Fixture	77.1	0.0	77.1
Total	Lumens	5961.0	0.0	5961.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.9	1.0
10°-20°	206.3	3.5
20°-30°	343.9	5.8
30°-40°	488.1	8.2
40°-50°	717.9	12.0
50°-60°	1215.8	20.4
60°-70°	1725.8	29.0
70°-80°	1048.4	17.6
80°-90°	153.0	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°	5961.0	100.0
0°-180°	5961.0	100.0



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REPORT NUMBER: P386069
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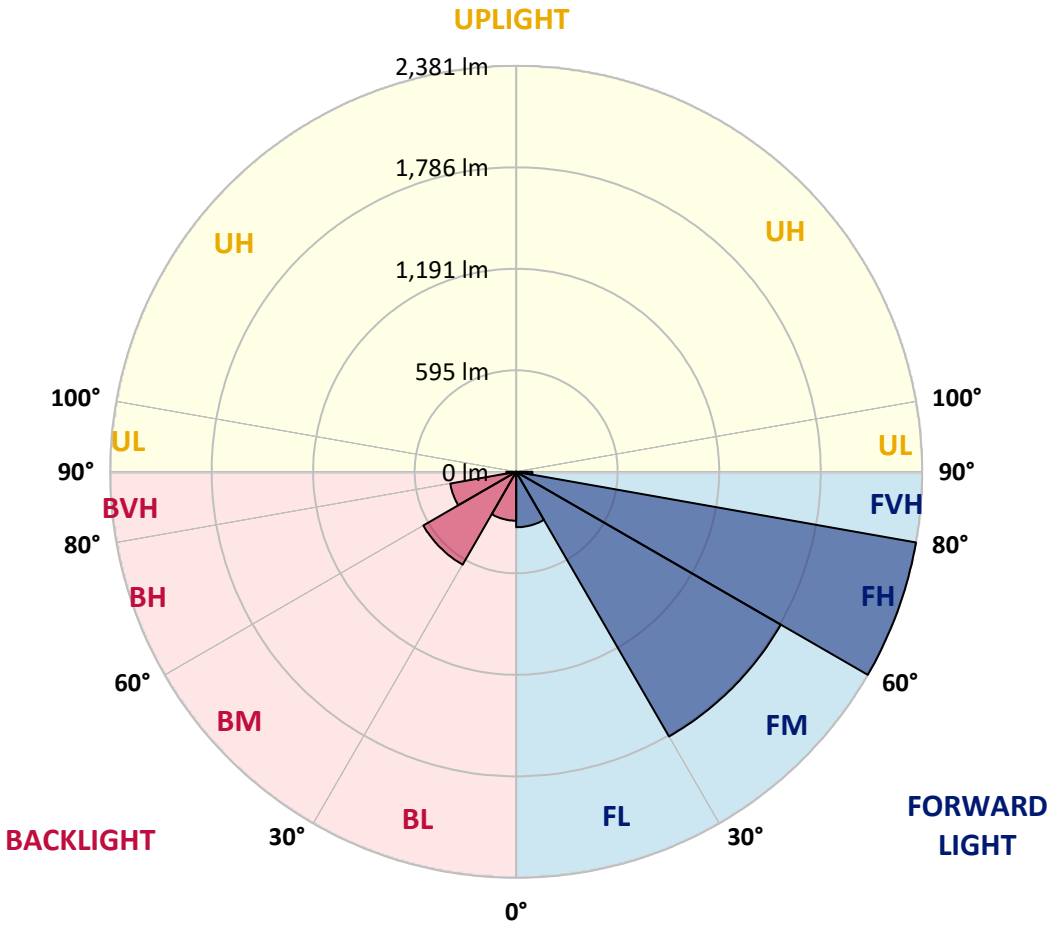
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	325.3	5.5			
FM	(30°-60°)	1792.8	30.1			
FH	(60°-80°)	2381.4	39.9			G2/5000
FVH	(80°-90°)	95.3	1.6			G1/100
BL	(0°-30°)	286.8	4.8	B1/500		
BM	(30°-60°)	628.9	10.6	B1/1000		
BH	(60°-80°)	392.8	6.6	B1/500		G1/500
BVH	(80°-90°)	57.7	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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Scaled Data Report

REPORT NUMBER: P386069
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	607.3	607.3	607.3	607.3	607.3	607.3	*607.3*	607.3	607.3	607.3	607.3
2.5°	637.7	638.1	638.9	636.9	631.2	629.5	*628.9*	623.0	619.1	613.4	608.5
5°	688.7	689.1	687.9	682.2	669.5	660.1	*659.3*	645.9	633.6	620.6	610.8
7.5°	741.9	742.6	738.7	727.9	710.1	693.8	*692.8*	674.4	655.9	636.1	621.4
10°	789.1	786.6	780.3	765.2	744.2	724.2	*723.4*	704.2	682.8	658.9	639.3
12.5°	820.5	818.4	810.3	791.9	768.9	750.5	*748.9*	731.1	710.3	684.2	660.8
15°	837.8	839.3	828.2	807.4	785.0	769.5	*768.1*	755.4	736.8	710.5	683.6
17.5°	840.1	841.3	830.7	810.1	791.7	781.1	*780.5*	772.1	758.7	733.4	705.2
20°	827.0	827.8	819.1	802.1	790.1	786.8	*786.6*	783.0	773.0	750.5	723.2
22.5°	808.0	808.7	802.3	790.1	786.0	791.1	*792.5*	791.1	784.0	763.0	737.3
25°	803.4	802.9	796.4	784.0	787.4	798.3	*800.1*	800.7	795.8	777.4	755.2
27.5°	826.0	824.6	812.1	792.1	794.4	807.4	*809.9*	815.8	812.7	796.6	775.6
30°	891.5	889.0	863.5	823.1	812.1	818.9	*821.9*	831.3	831.9	818.4	802.7
32.5°	1002.1	999.0	953.3	881.1	842.1	830.5	*833.3*	847.4	855.0	844.6	827.6
35°	1141.8	1138.3	1078.3	979.6	892.3	852.7	*854.8*	866.0	881.1	866.4	843.9
37.5°	1287.4	1279.1	1221.4	1095.5	972.1	900.3	*900.3*	901.7	908.8	878.2	863.1
40°	1432.3	1423.9	1371.7	1231.8	1075.3	975.1	*970.4*	938.8	933.1	906.8	901.7
42.5°	1566.9	1564.5	1533.7	1385.8	1196.5	1048.8	*1042.2*	988.6	989.8	973.5	973.7
45°	1710.1	1710.1	1685.0	1541.2	1337.6	1167.1	*1160.6*	1081.6	1093.9	1086.3	1104.5
47.5°	1827.0	1830.7	1827.2	1703.2	1501.9	1317.4	*1305.6*	1210.5	1244.8	1270.7	1323.6
50°	1946.4	1952.1	1952.7	1880.9	1700.3	1496.1	*1482.7*	1381.7	1458.2	1532.5	1636.3
52.5°	2119.6	2132.4	2081.2	2058.2	1943.5	1708.3	*1695.0*	1601.8	1729.5	1833.8	2012.7
55°	2280.1	2268.9	2232.4	2246.7	2203.8	1949.8	*1939.8*	1858.0	2031.8	2167.3	2399.7
57.5°	2367.0	2366.2	2402.9	2464.1	2484.5	2247.7	*2239.3*	2159.8	2372.7	2474.5	2763.0
60°	2469.0	2470.4	2561.4	2700.4	2784.4	2618.5	*2614.9*	2554.5	2703.8	2761.3	3048.0
62.5°	2483.3	2509.0	2665.7	2904.8	3065.1	3051.8	*3060.0*	2910.1	3000.0	2990.2	3260.7
65°	2319.1	2352.9	2636.5	2966.6	3344.2	3525.7	*3533.3*	3267.7	3233.6	3185.9	3336.8
67.5°	1982.5	2032.7	2340.7	2832.1	3436.2	3876.0	*3886.6*	3544.9	3427.4	3252.2	3153.6
70°	*1442.7*	*1498.4*	*1808.5*	*2418.8*	*3272.2*	*3988.0*	*4000.0*	*3667.5*	*3434.8*	*3063.5*	*2692.2*
72.5°	871.5	915.1	1170.8	1780.7	2761.8	3784.0	*3805.4*	3512.1	3135.9	2594.9	1988.0
75°	382.7	411.3	566.1	1026.1	1977.2	3130.8	*3157.5*	3006.2	2548.0	1885.8	1175.0
77.5°	163.0	171.2	232.2	445.7	1117.7	2139.4	*2176.1*	2196.5	1728.7	1026.1	496.5
80°	101.6	104.9	131.4	201.8	523.1	1201.6	*1241.1*	1292.3	858.4	377.2	173.4
82.5°	61.8	65.5	87.3	122.0	272.3	544.7	*563.7*	599.8	333.1	163.0	89.8
85°	37.1	39.8	53.4	77.1	155.0	214.2	*214.0*	236.6	156.9	104.9	47.3
87.5°	17.7	19.8	28.6	40.0	78.1	80.4	*75.3*	85.3	95.3	68.7	23.9
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: P386069
CATALOG NUMBER: GPC-SA1C-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	607.3	607.3	607.3	607.3	607.3	607.3	607.3	607.3	607.3	607.3	607.3
2.5°	606.9	606.1	603.4	601.4	601.0	599.8	598.7	599.4	600.2	600.4	600.4
5°	606.7	604.5	601.0	599.6	601.4	603.8	606.9	611.0	613.4	615.3	616.5
7.5°	616.5	612.2	608.3	607.5	611.2	617.7	624.6	633.2	639.1	643.2	644.0
10°	632.8	627.5	623.6	624.4	631.0	640.4	650.1	661.2	670.1	675.6	676.1
12.5°	651.6	646.5	642.8	646.3	657.1	668.5	678.7	688.3	696.5	702.0	702.0
15°	673.2	669.5	665.2	673.2	687.9	698.1	702.4	707.1	711.6	715.6	714.8
17.5°	694.0	690.5	688.3	697.7	713.0	717.7	714.8	711.3	711.3	713.6	714.0
20°	712.0	708.9	710.3	719.5	727.5	722.6	712.0	700.9	696.5	697.7	698.9
22.5°	727.7	726.2	730.5	734.8	729.1	712.0	692.4	677.5	672.0	671.6	672.0
25°	746.0	745.8	751.1	743.4	718.1	686.5	660.1	645.7	642.6	645.0	649.1
27.5°	768.9	771.1	773.8	745.4	695.6	647.9	621.2	611.2	614.2	620.2	624.0
30°	798.0	804.2	798.5	740.3	663.4	603.8	578.3	575.5	583.8	592.2	596.3
32.5°	826.4	836.0	822.1	727.1	621.8	557.1	537.3	536.5	546.7	554.9	560.6
35°	849.3	868.2	839.9	700.7	573.6	514.1	499.6	494.1	497.8	507.3	513.9
37.5°	879.0	910.7	852.1	660.6	521.4	478.6	461.7	449.0	445.7	449.6	452.9
40°	933.5	975.3	857.8	604.5	470.4	443.1	426.0	407.4	394.5	385.2	385.4
42.5°	1022.5	1059.6	854.1	536.3	423.3	408.4	389.0	367.6	346.8	325.6	324.0
45°	1166.9	1184.8	843.1	464.1	381.9	372.1	353.9	332.5	304.8	280.7	278.5
47.5°	1398.0	1358.2	826.0	401.1	345.4	341.3	324.6	299.9	270.5	251.1	249.5
50°	1713.2	1608.5	817.6	350.9	313.1	314.4	300.7	274.6	246.8	232.6	230.9
52.5°	2090.2	1900.1	833.7	312.1	287.2	291.5	281.3	256.8	233.6	222.4	220.7
55°	2481.3	2202.0	851.1	284.0	262.8	271.1	267.6	247.5	226.4	216.0	214.6
57.5°	2816.0	2427.4	816.4	261.1	240.9	254.0	257.0	241.5	222.8	213.4	211.8
60°	3026.8	2518.2	725.4	239.7	223.6	240.3	250.9	239.9	224.2	223.4	222.2
62.5°	3126.7	2510.2	588.9	222.8	212.8	234.4	255.4	249.1	240.5	247.9	248.5
65°	3081.8	2390.3	438.6	211.5	205.0	236.6	268.9	266.4	245.2	252.6	253.6
67.5°	2786.4	2104.1	324.8	201.8	196.5	243.0	293.4	272.1	236.0	241.3	238.1
70°	*2252.2*	*1668.1*	*250.5*	*190.7*	*187.7*	*242.1*	*304.4*	*268.7*	*226.0*	*227.3*	*218.5*
72.5°	1553.1	1137.5	203.8	180.5	175.0	220.7	296.6	260.1	217.7	208.3	196.7
75°	844.6	610.6	173.2	169.9	152.8	193.8	282.3	254.0	210.1	197.7	191.1
77.5°	332.3	253.4	150.3	155.4	133.6	171.2	266.4	242.4	199.7	183.4	180.1
80°	135.7	129.3	124.6	134.4	114.9	149.7	247.2	228.7	187.3	170.1	163.6
82.5°	76.9	80.4	96.9	106.1	93.2	137.9	238.1	217.7	172.4	152.4	144.6
85°	39.4	47.1	67.5	76.1	68.5	117.3	219.3	190.5	138.3	116.7	117.3
87.5°	19.0	26.3	42.6	47.7	44.5	84.9	163.8	138.1	107.7	85.3	82.6
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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Peachtree City, GA 30269

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

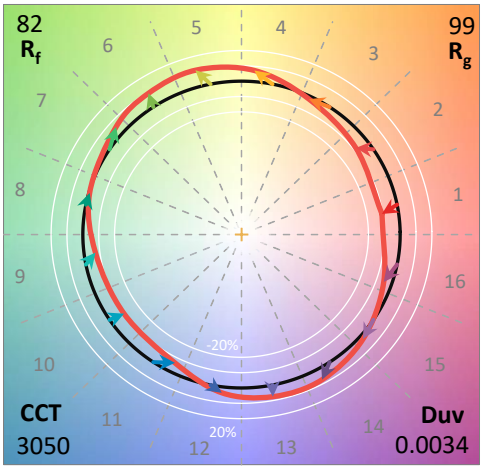
Test Information

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

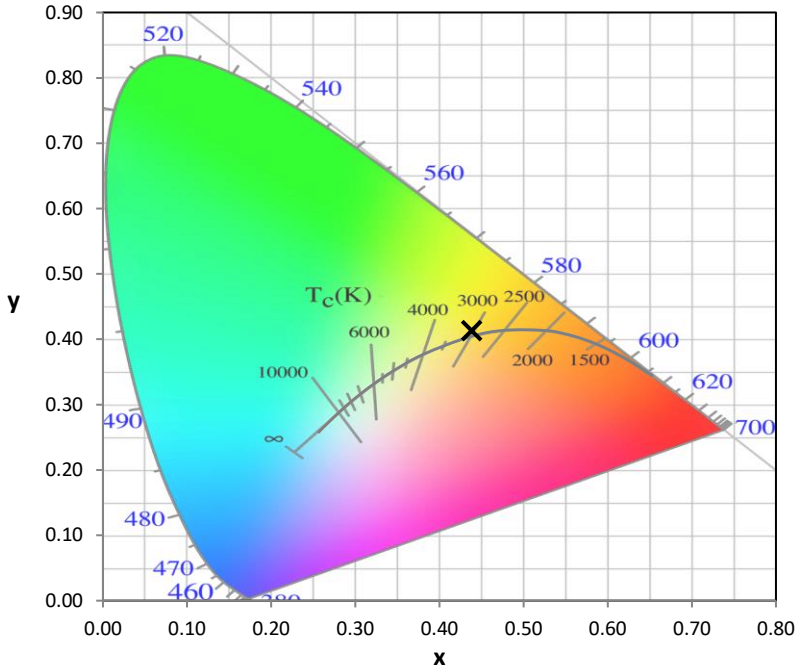
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

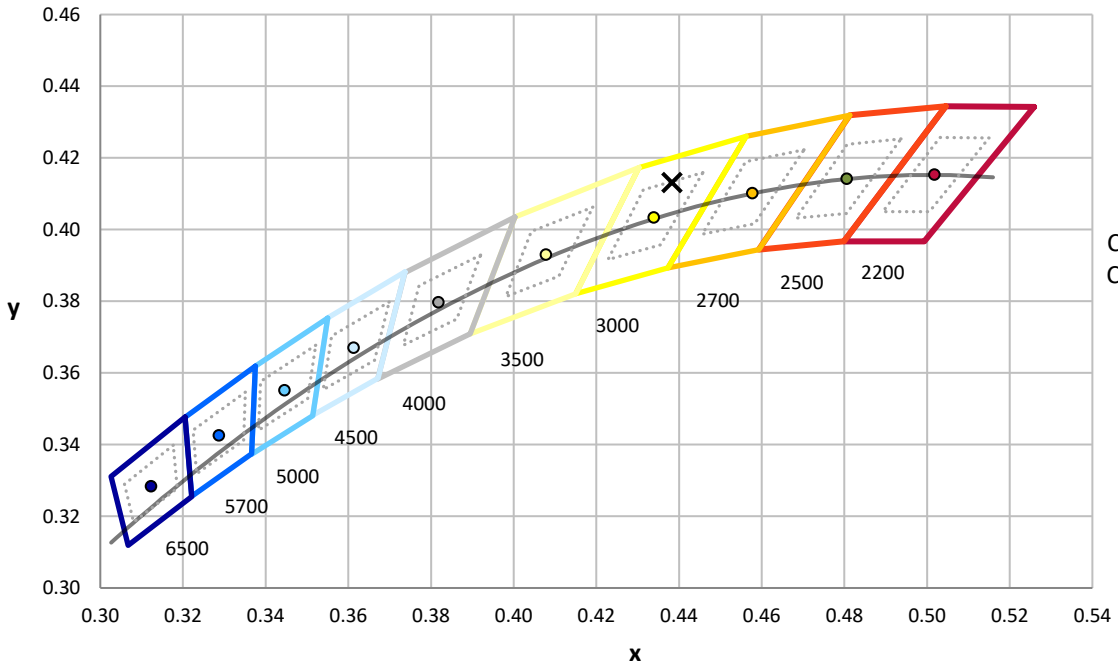
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

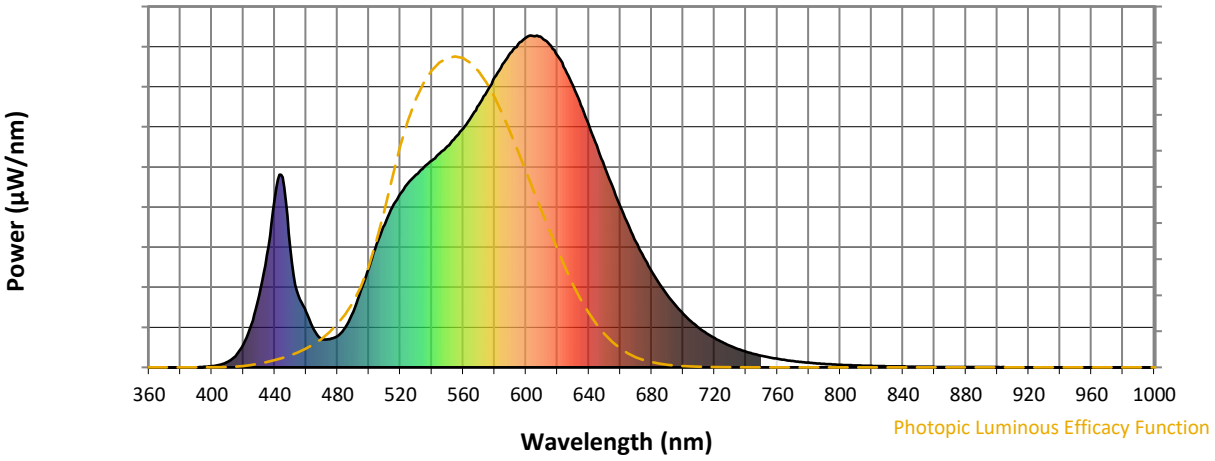


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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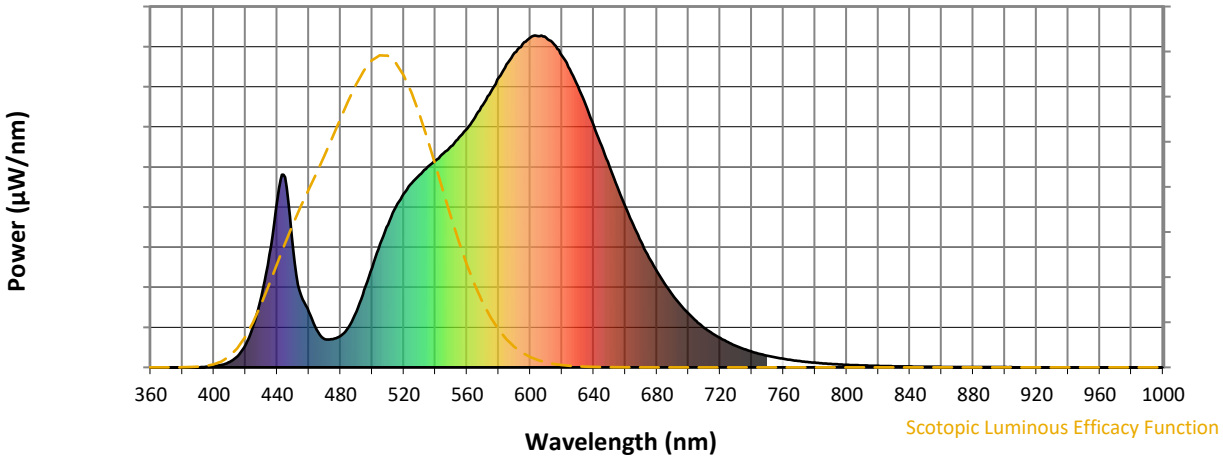
Scotopic Flux vs. Wavelength



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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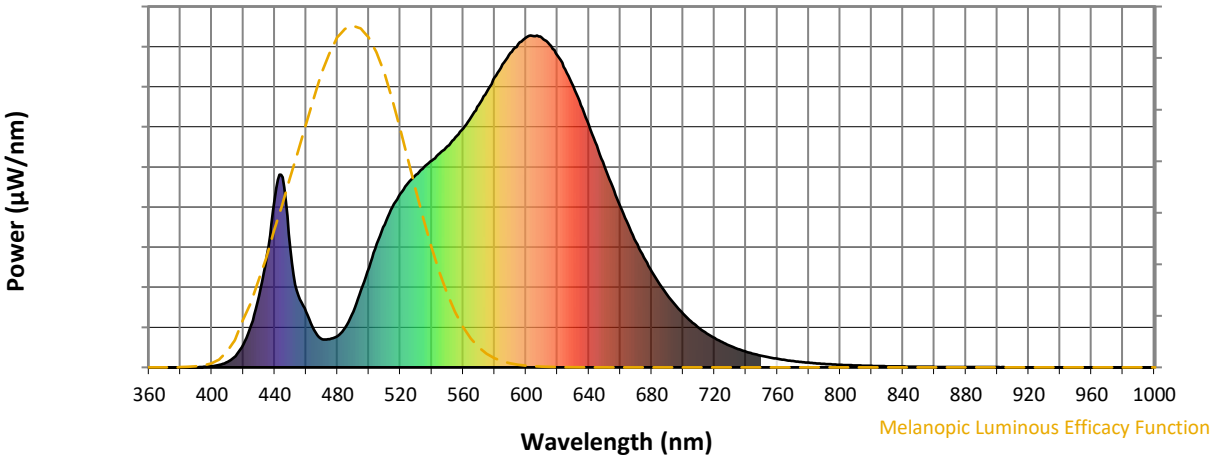
Melanopic Flux vs. Wavelength



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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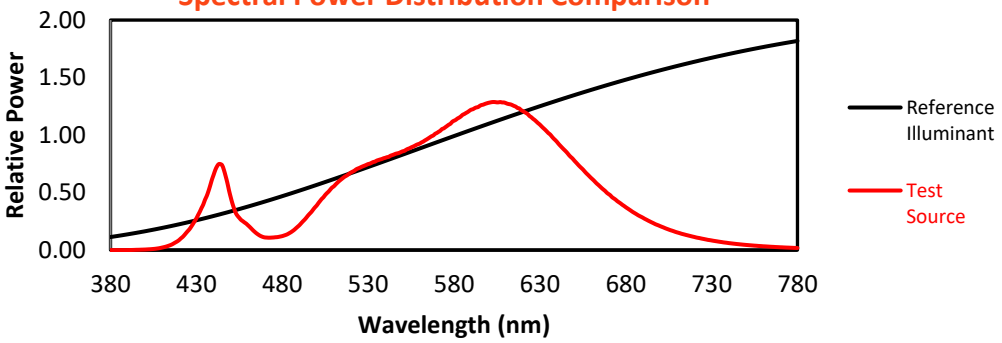
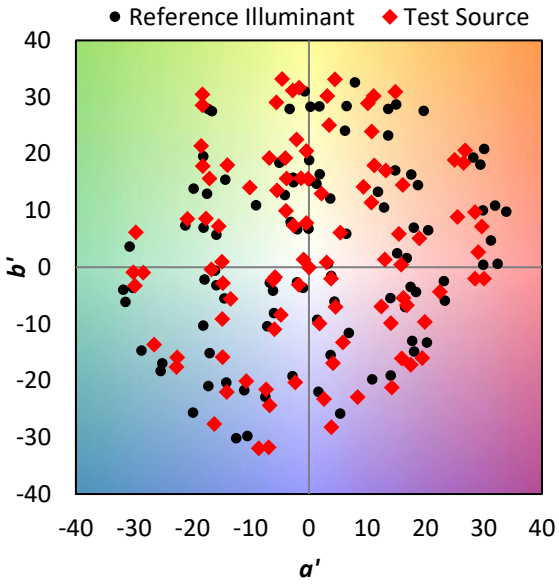
Summary

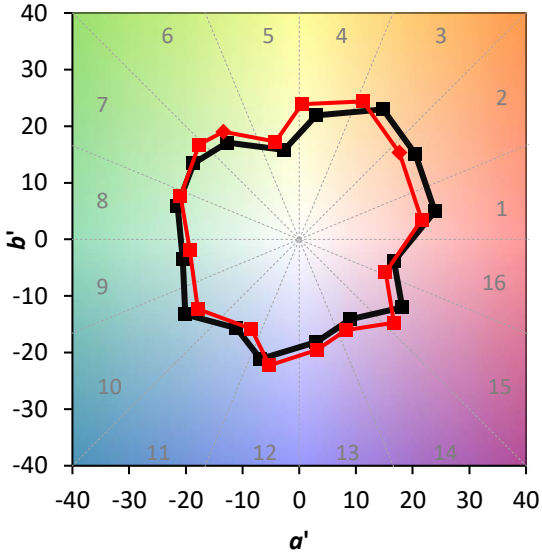
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

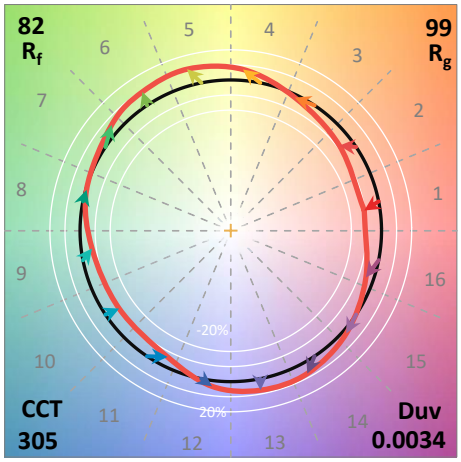
Spectral Power Distribution Comparison

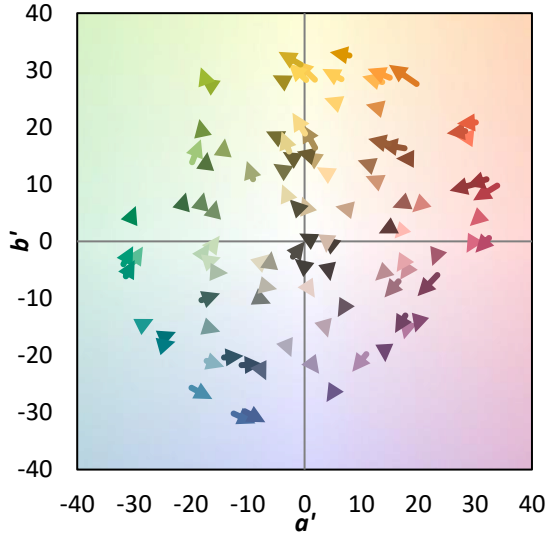


Color Vector Graphics









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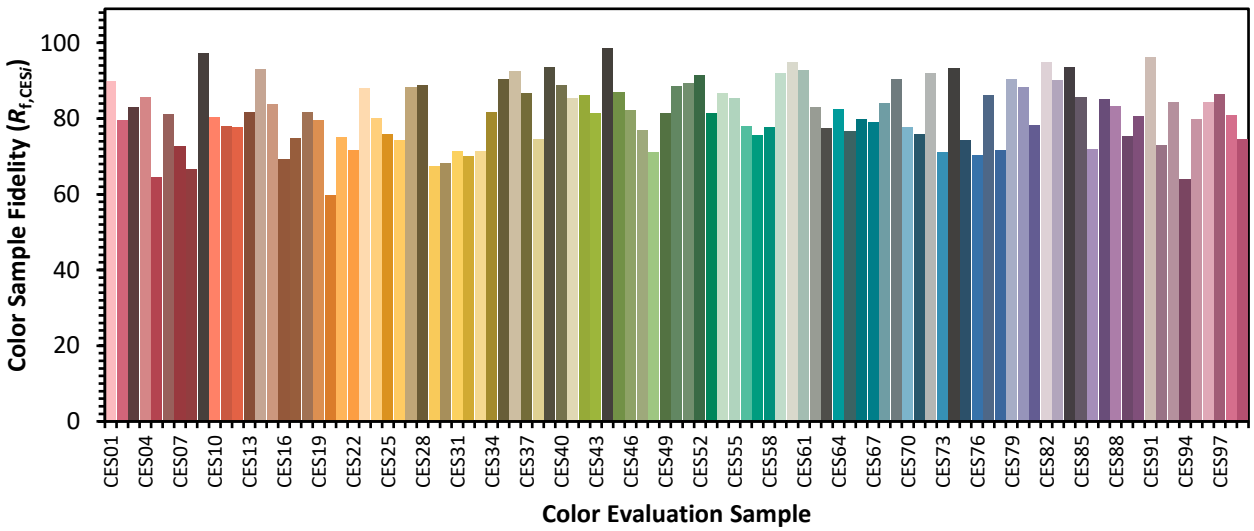
Individual Sample Fidelity Index ($R_{f,i}$)

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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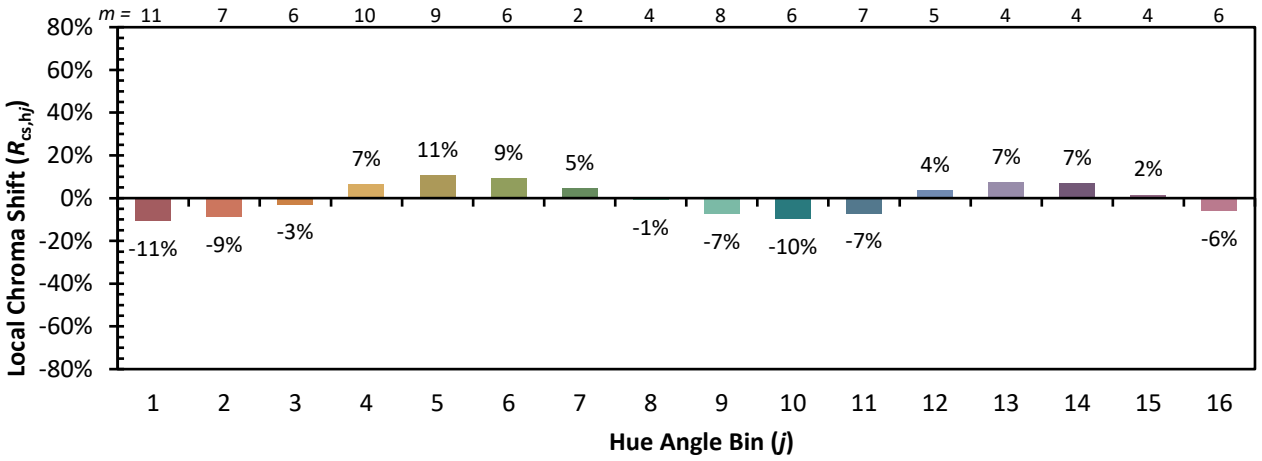
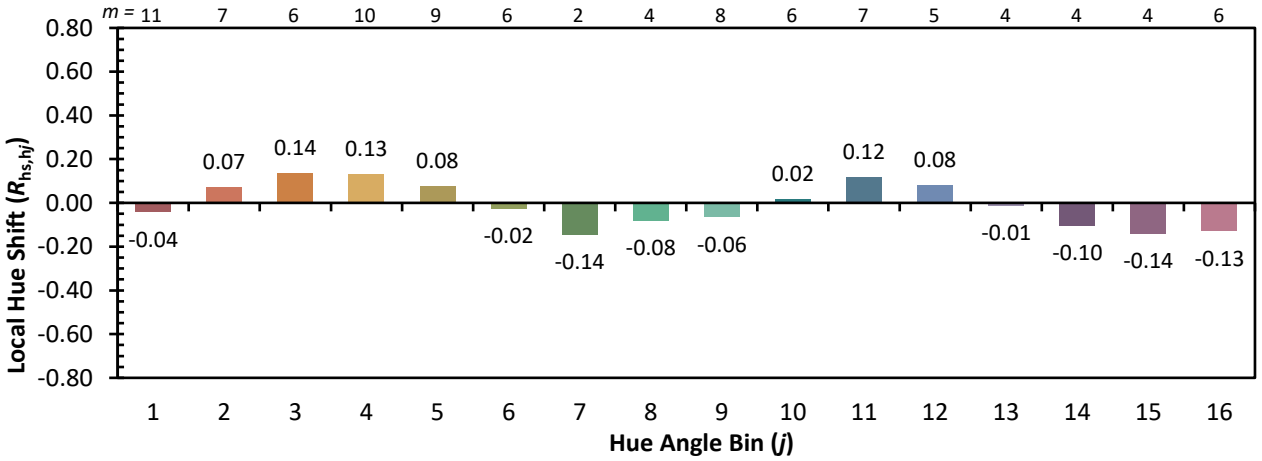
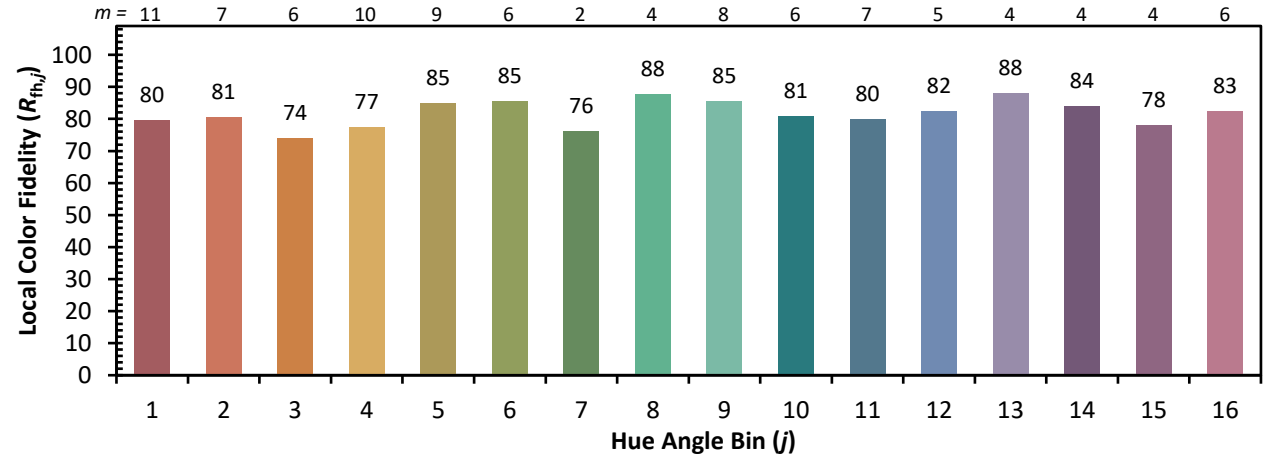
Color Rendition by Hue-Angle Bin







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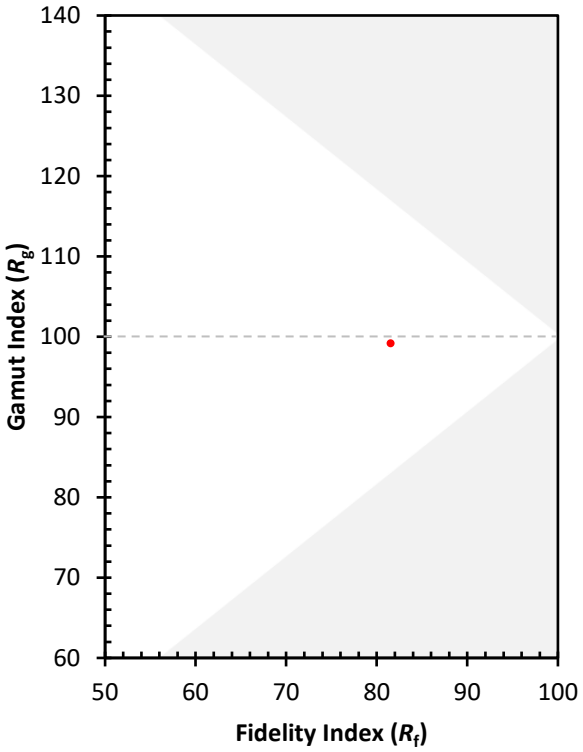
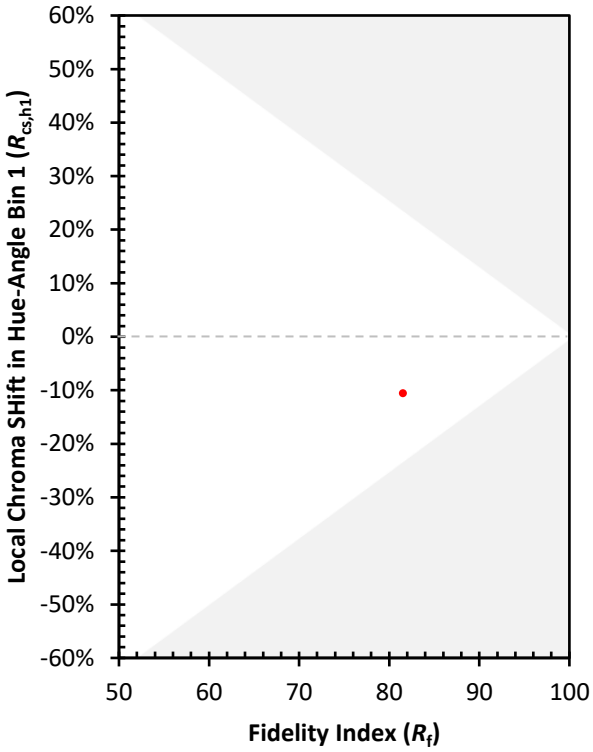
Measure Comparisons





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