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: P385839

Luminaire Tested: **GPC-SA1B-830-U-T3**

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:	P385839
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA1B-830-U-T3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4851 lumens
Efficiency:	N/A
Efficacy:	110.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	44
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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REPORT NUMBER: P385839
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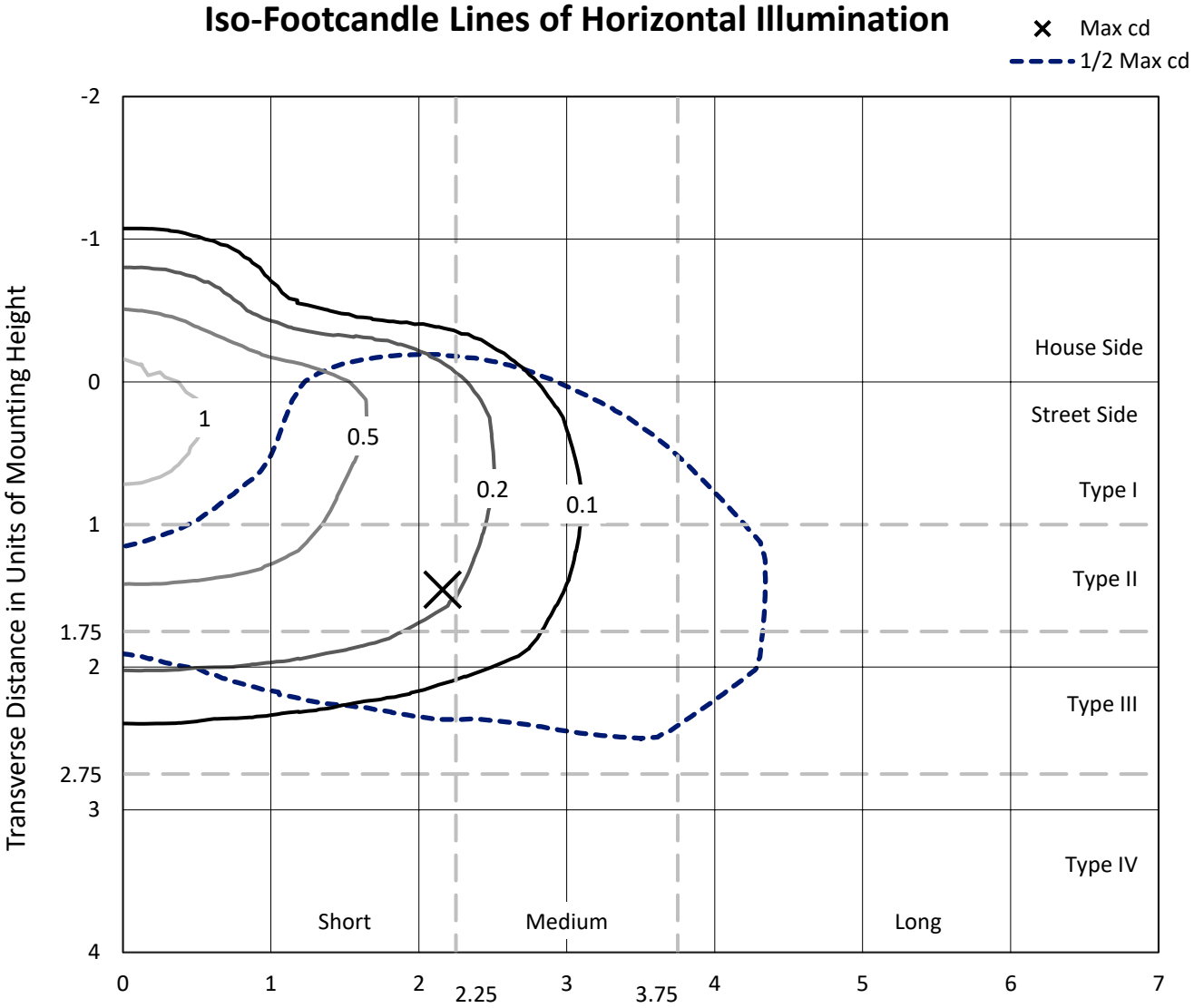
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
Type III - Short - N/A

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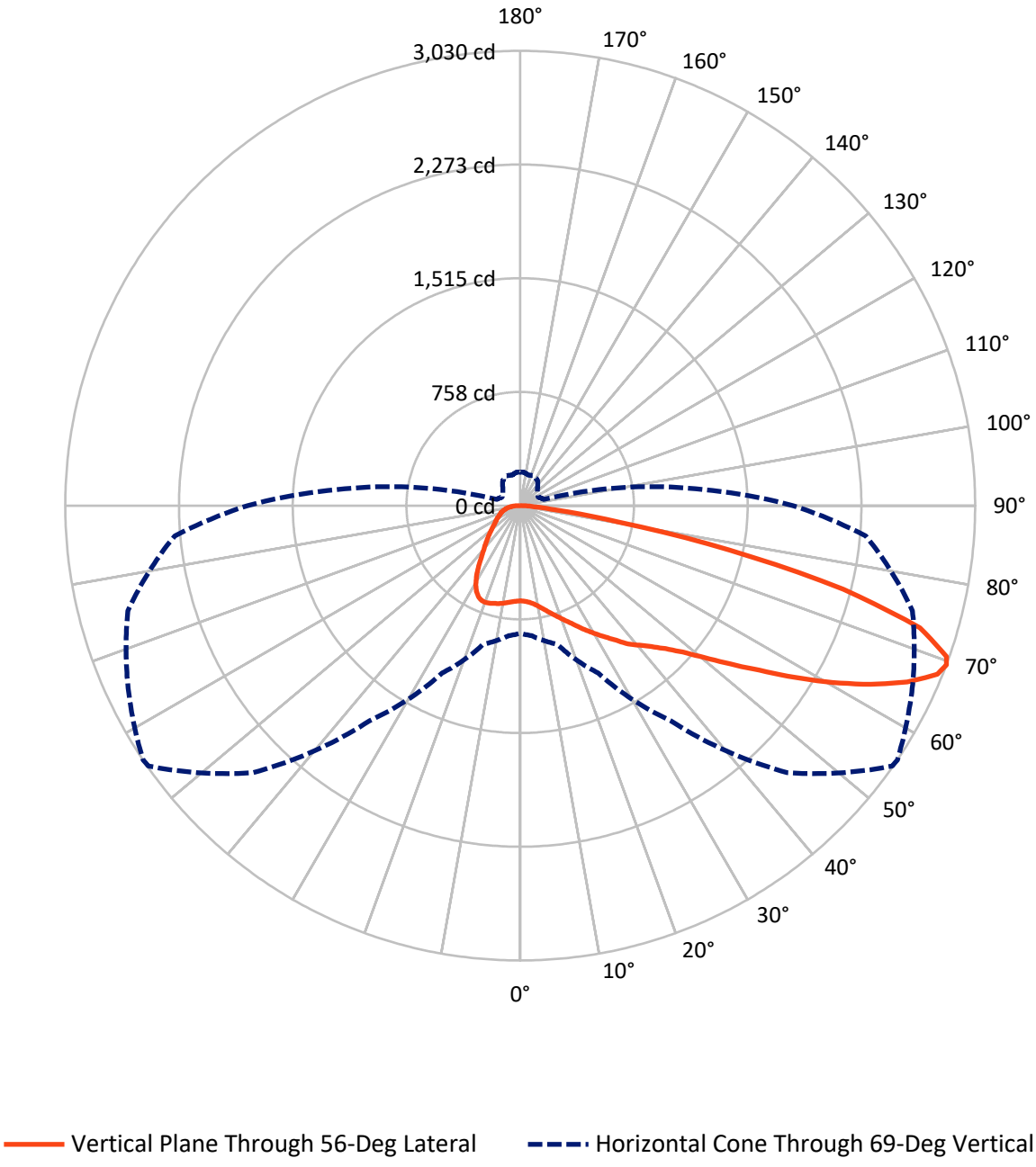
Luminous Intensity Polar Plot



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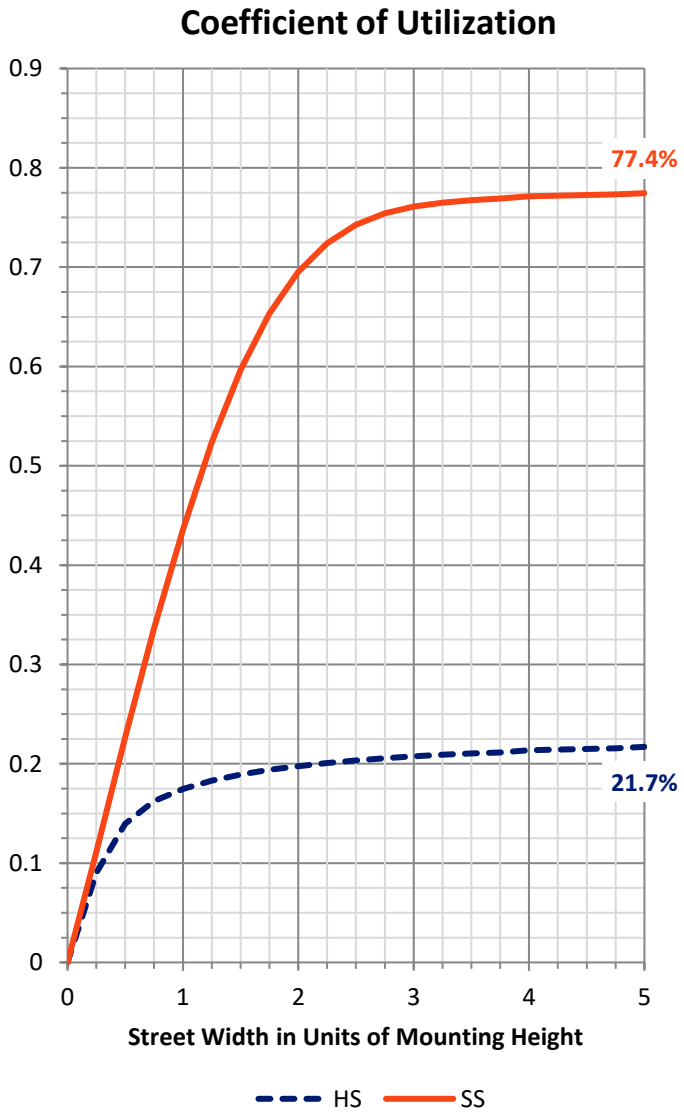
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1080.3	0.0	1080.3
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	3770.7	0.0	3770.7
	% Fixture	77.7	0.0	77.7
Total	Lumens	4851.0	0.0	4851.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	1.3
10°-20°	200.3	4.1
20°-30°	349.6	7.2
30°-40°	502.2	10.4
40°-50°	695.1	14.3
50°-60°	1018.4	21.0
60°-70°	1241.6	25.6
70°-80°	686.4	14.2
80°-90°	95.1	2.0
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°	4851.0	100.0
0°-180°	4851.0	100.0



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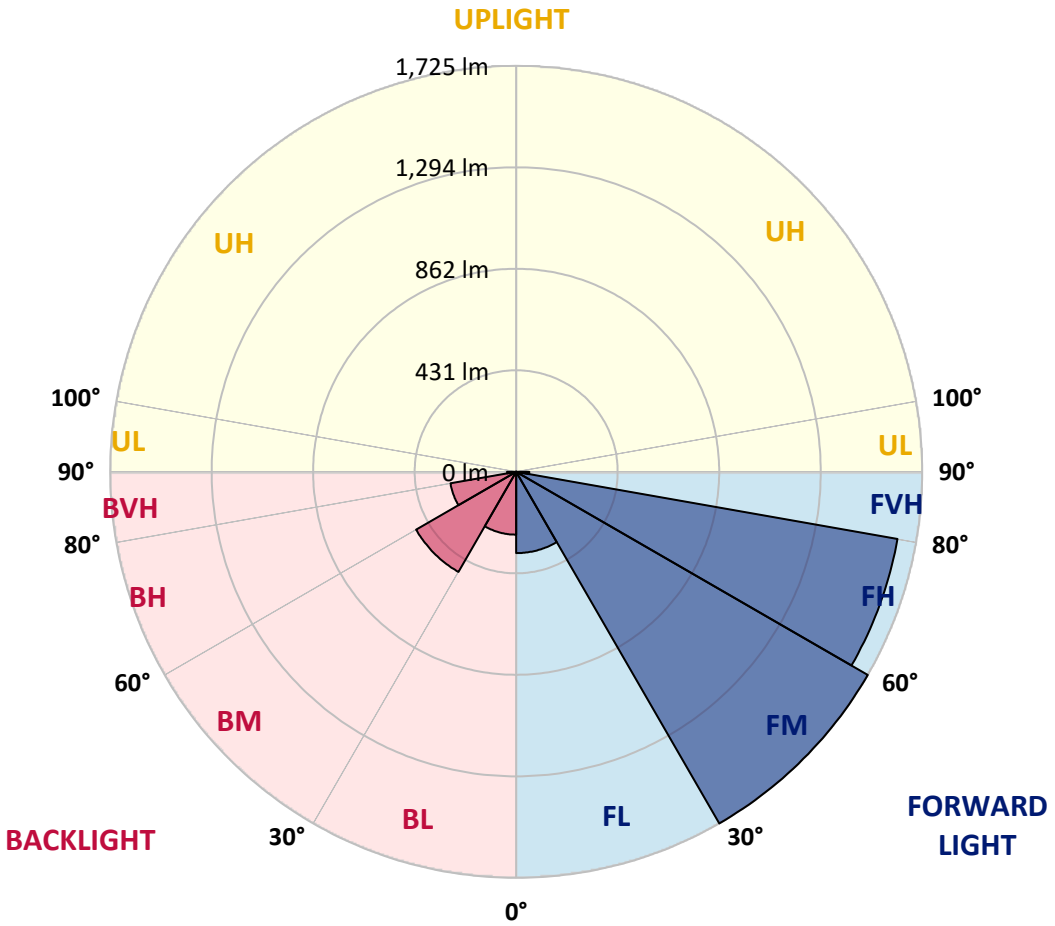
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	345.2	7.1			
FM	(30°-60°)	1724.7	35.6			
FH	(60°-80°)	1644.7	33.9			G1/1800
FVH	(80°-90°)	56.0	1.2			G1/100
BL	(0°-30°)	267.0	5.5	B1/500		
BM	(30°-60°)	491.0	10.1	B1/1000		
BH	(60°-80°)	283.3	5.8	B1/500		G1/500
BVH	(80°-90°)	39.1	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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Scaled Data Report

REPORT NUMBER: P385839
CATALOG NUMBER: GPC-SA1B-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	634.2	634.2	634.2	634.2	634.2	634.2	634.2	*634.2*	634.2	634.2	634.2
2.5°	638.2	638.9	638.4	639.7	638.2	639.2	638.4	*638.4*	637.9	636.4	634.7
5°	648.2	649.6	648.7	650.1	648.2	648.6	647.1	*647.1*	645.6	642.4	639.0
7.5°	663.9	665.4	664.8	666.1	663.6	663.6	661.6	*661.4*	658.4	653.2	649.4
10°	682.7	684.7	684.0	686.0	684.0	684.7	682.7	*682.7*	678.6	671.3	666.4
12.5°	709.9	712.4	710.6	710.4	709.6	710.9	709.2	*708.9*	705.2	695.2	688.5
15°	746.3	749.0	745.2	744.8	740.1	739.6	739.6	*739.1*	736.8	724.8	713.7
17.5°	788.3	789.1	785.8	780.4	774.4	770.6	770.1	*771.4*	771.4	757.4	739.8
20°	829.4	830.9	828.2	822.2	814.5	808.8	804.8	*807.5*	807.3	790.6	765.7
22.5°	874.2	877.7	873.7	866.0	857.0	850.6	843.6	*845.9*	846.1	825.5	791.1
25°	932.2	929.0	926.5	915.6	902.7	896.2	889.7	*892.1*	891.4	863.1	817.4
27.5°	983.5	984.1	980.8	969.3	954.4	940.0	939.7	*941.2*	938.7	902.2	842.1
30°	1043.1	1043.5	1038.8	1028.4	1012.2	993.7	989.3	*991.8*	986.5	939.3	868.2
32.5°	1102.4	1104.1	1098.9	1086.4	1073.4	1050.8	1042.1	*1043.8*	1030.4	977.3	895.1
35°	1154.4	1156.8	1155.1	1146.7	1132.5	1113.1	1102.8	*1101.8*	1085.2	1023.7	930.7
37.5°	1207.4	1209.6	1207.7	1200.7	1195.0	1174.5	1169.0	*1169.0*	1140.2	1071.2	975.9
40°	1261.9	1265.2	1263.0	1253.4	1248.5	1239.1	1225.9	*1222.8*	1191.7	1128.2	1049.8
42.5°	1312.5	1316.9	1325.5	1319.9	1310.0	1311.3	1284.8	*1283.1*	1260.4	1212.4	1142.6
45°	1384.4	1390.7	1405.4	1401.1	1399.1	1391.7	1360.1	*1358.6*	1349.9	1325.7	1257.7
47.5°	1462.7	1471.4	1498.0	1498.8	1520.4	1506.5	1463.6	*1458.4*	1460.4	1461.4	1398.2
50°	1534.9	1544.5	1588.1	1608.6	1659.4	1662.4	1593.8	*1589.1*	1596.9	1620.0	1562.0
52.5°	1592.6	1604.6	1659.1	1722.6	1809.7	1834.4	1754.0	*1750.5*	1756.4	1796.1	1747.2
55°	1634.9	1647.9	1707.2	1822.9	1961.9	2005.5	1938.5	*1935.2*	1938.8	1989.5	1948.5
57.5°	1644.7	1647.9	1734.0	1890.4	2090.4	2195.2	2164.3	*2157.6*	2139.6	2183.7	2170.8
60°	1598.4	1611.1	1711.9	1914.1	2189.9	2382.2	2400.2	*2391.9*	2341.3	2377.4	2367.0
62.5°	1504.5	1527.2	1629.5	1878.0	2228.8	2534.9	2631.7	*2621.7*	2534.4	2557.8	2508.0
65°	1351.1	1360.8	1468.3	1753.5	2179.3	2632.7	2838.1	*2833.1*	2723.3	2686.7	2534.1
67.5°	1076.7	1094.9	1186.2	1493.3	1977.0	2621.2	2997.7	*2997.2*	2846.6	2734.5	2441.7
69°	*850.6*	*869.5*	*956.4*	*1230.1*	*1749.3*	*2515.7*	*3024.4*	*3030.3*	*2881.4*	*2705.4*	*2309.7*
70°	678.1	700.0	759.7	1036.1	1547.3	2376.7	3002.2	*3012.7*	2874.7	2657.4	2187.8
72.5°	288.6	306.3	348.8	534.1	943.0	1774.7	2745.0	*2784.8*	2719.8	2432.2	1808.2
75°	126.0	131.5	150.7	217.7	418.6	965.9	2150.4	*2223.9*	2325.5	2055.8	1346.9
77.5°	92.2	94.6	105.1	127.8	187.8	364.8	1382.9	*1425.6*	1677.1	1496.0	826.2
80°	71.4	73.0	81.2	93.9	122.7	147.6	630.7	*667.5*	943.0	768.4	344.1
82.5°	56.8	58.0	63.7	69.2	84.7	89.4	209.4	*232.3*	348.1	212.2	91.1
85°	52.8	54.1	56.2	50.5	54.3	52.5	90.6	*94.8*	105.1	83.4	38.1
87.5°	23.9	28.2	55.6	39.3	28.9	23.1	37.1	*38.8*	43.6	43.8	16.9
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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REPORT NUMBER: P385839
CATALOG NUMBER: GPC-SA1B-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	634.2	634.2	634.2	634.2	634.2	634.2	634.2	634.2	634.2	634.2	634.2
2.5°	635.7	635.2	636.0	634.0	636.5	636.4	635.5	635.9	637.5	637.4	637.5
5°	639.5	639.2	640.2	638.7	641.7	642.7	642.9	644.4	646.2	646.7	646.7
7.5°	649.2	649.2	649.7	647.7	649.7	649.6	648.7	650.2	652.1	652.2	652.1
10°	665.9	666.1	665.3	660.1	658.4	653.9	649.7	649.9	652.2	654.1	654.6
12.5°	687.0	686.3	682.7	673.1	666.1	656.9	652.6	652.4	654.8	656.3	656.8
15°	711.1	709.2	699.7	684.2	671.8	662.8	655.8	654.1	652.7	651.1	651.2
17.5°	733.8	729.6	713.7	692.2	679.1	667.1	653.6	642.7	635.2	630.9	629.5
20°	756.9	748.7	725.8	699.7	683.2	661.3	635.2	613.1	599.4	593.1	591.9
22.5°	777.9	764.7	737.0	707.6	680.0	641.5	600.6	568.5	549.5	540.9	541.6
25°	798.5	780.1	748.7	713.1	663.9	606.8	552.5	513.0	491.0	481.5	481.1
27.5°	816.5	795.6	761.4	708.6	634.0	557.3	495.5	457.1	438.7	430.5	429.1
30°	837.2	815.2	778.2	691.3	590.2	500.2	439.8	412.8	399.7	391.5	390.0
32.5°	862.5	841.8	792.1	660.1	534.3	440.5	396.4	377.5	365.6	356.5	354.8
35°	899.2	876.8	795.6	615.3	472.8	393.4	364.5	345.1	329.0	317.2	316.0
37.5°	945.4	920.8	787.6	557.3	413.1	362.8	337.9	314.0	293.1	276.4	273.7
40°	1011.9	974.8	765.4	490.5	369.2	339.2	312.0	284.8	258.9	239.3	235.5
42.5°	1091.8	1038.1	731.3	424.0	336.9	315.3	286.3	252.5	227.8	213.9	211.9
45°	1193.4	1104.0	684.0	365.8	305.1	291.4	258.5	227.4	212.1	201.9	200.2
47.5°	1309.3	1177.8	634.4	318.5	278.2	269.1	236.3	216.2	204.0	196.0	194.5
50°	1451.9	1261.2	581.7	279.7	251.2	242.1	225.8	210.1	200.4	194.2	192.7
52.5°	1612.6	1355.3	543.8	249.2	228.8	222.3	220.3	206.7	198.9	194.2	192.7
55°	1785.8	1451.0	502.8	223.4	209.4	211.2	216.6	207.1	201.7	196.0	193.9
57.5°	1959.1	1550.0	457.2	201.7	194.0	203.0	214.1	207.7	203.2	197.7	195.7
60°	2096.1	1612.6	386.5	183.5	181.8	194.0	208.1	202.7	196.9	197.0	196.7
62.5°	2160.1	1609.3	308.5	167.3	169.6	181.8	198.4	194.9	190.0	196.5	197.0
65°	2124.2	1529.1	240.1	152.6	156.6	169.1	188.3	191.0	192.7	205.2	206.9
67.5°	1973.4	1373.0	186.0	139.7	144.7	160.4	189.3	208.1	210.2	223.4	223.3
69°	*1817.5*	*1226.6*	*161.6*	*133.0*	*138.9*	*162.6*	*202.4*	*218.9*	*210.7*	*224.8*	*222.8*
70°	1686.8	1110.8	148.6	128.5	136.2	166.4	211.1	218.8	208.2	220.3	216.9
72.5°	1299.1	799.1	126.0	120.2	127.2	159.3	213.6	213.9	202.4	204.7	199.0
75°	891.0	505.0	110.0	108.8	113.5	143.6	205.5	204.4	187.2	183.8	179.1
77.5°	491.3	256.5	93.4	97.9	101.1	127.2	186.8	185.2	171.0	163.9	162.3
80°	189.5	112.3	78.9	87.1	89.1	110.1	163.8	162.3	150.4	141.4	138.9
82.5°	71.5	58.8	65.2	75.4	74.7	90.9	138.7	137.9	126.3	113.1	109.1
85°	33.1	35.3	51.6	62.2	57.3	67.3	111.0	112.5	98.4	82.7	82.7
87.5°	14.0	19.7	36.6	47.0	38.6	45.5	81.4	77.7	71.4	49.5	46.5
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

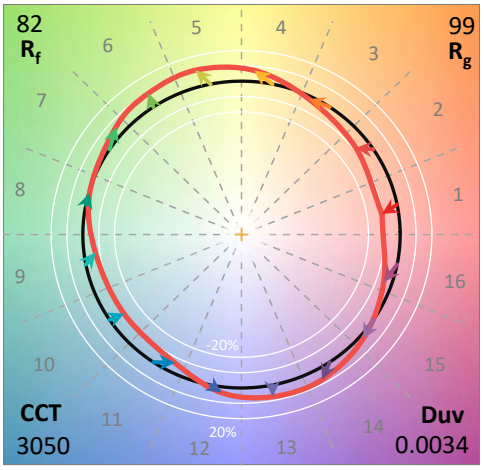
Test Information

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

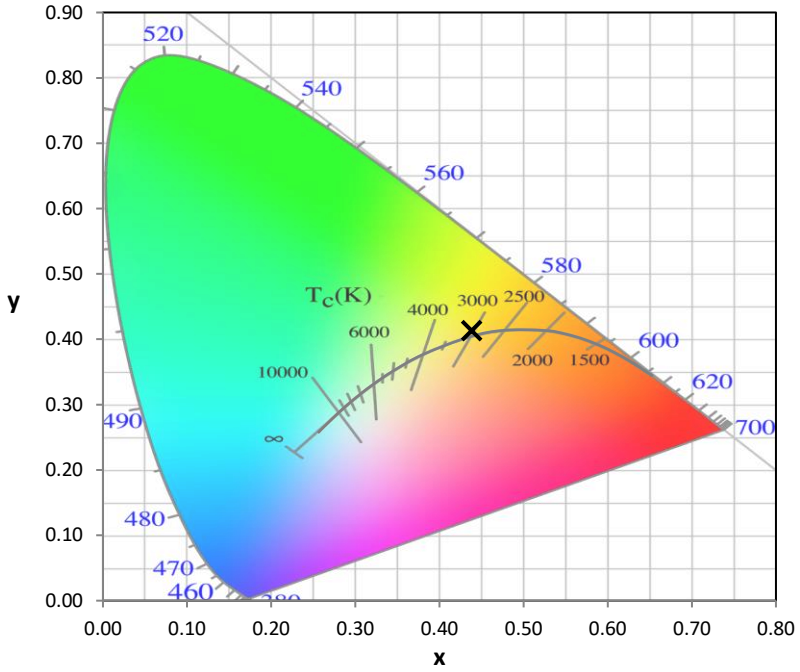
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

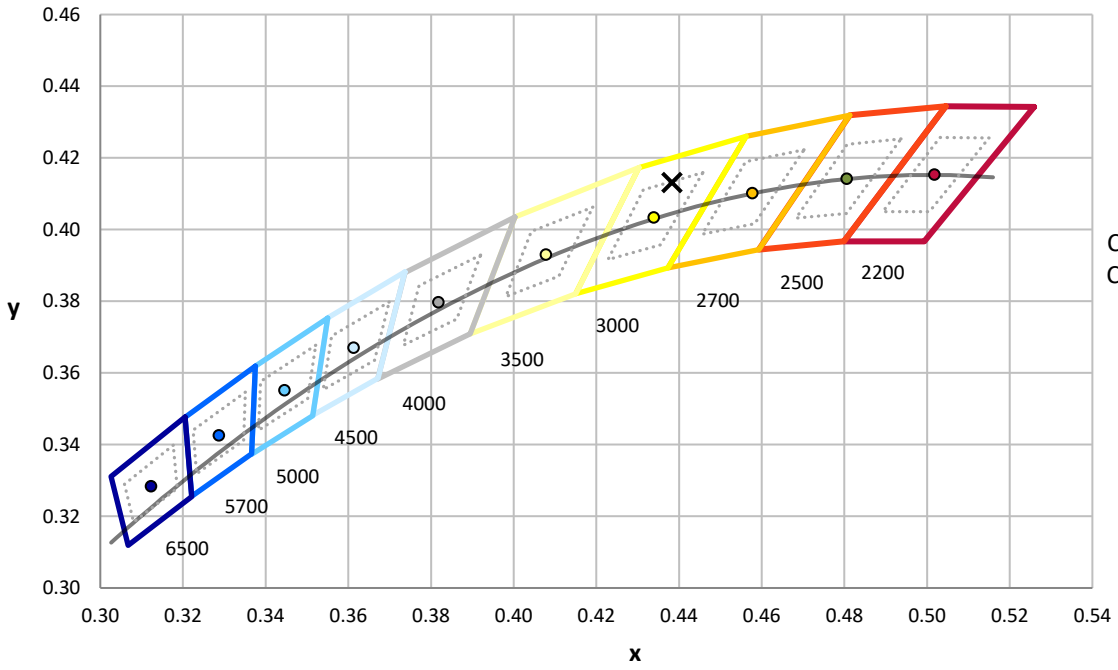
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

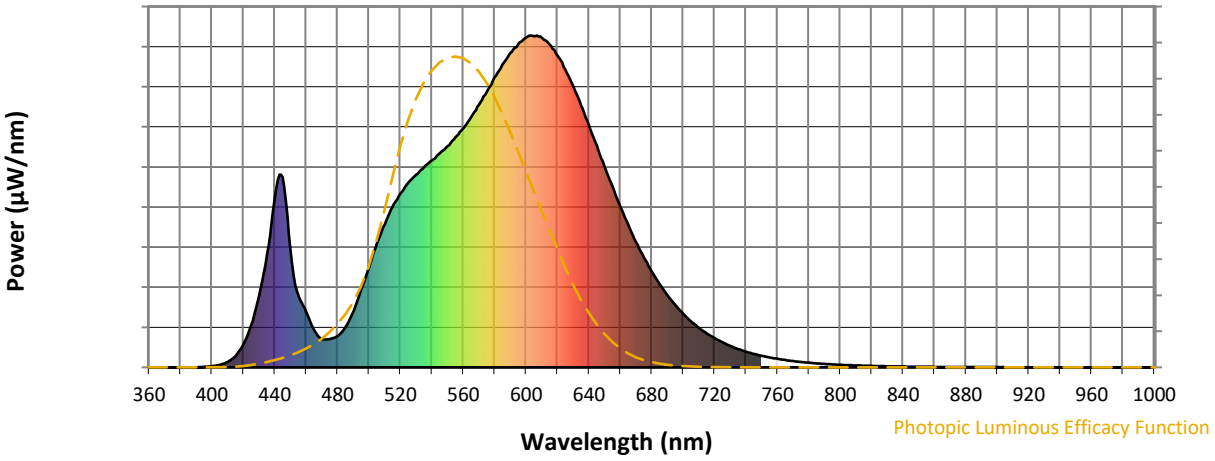


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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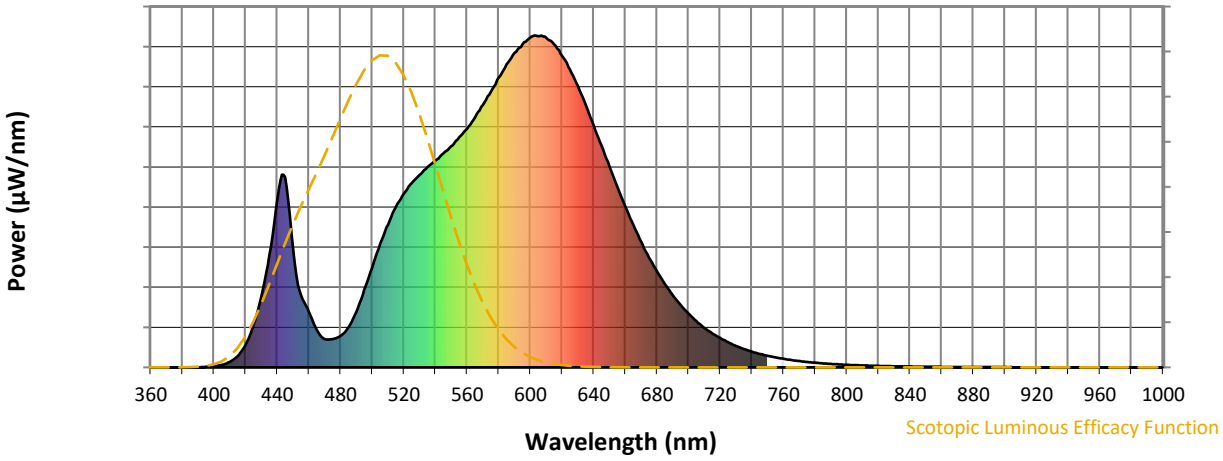
Scotopic Flux vs. Wavelength



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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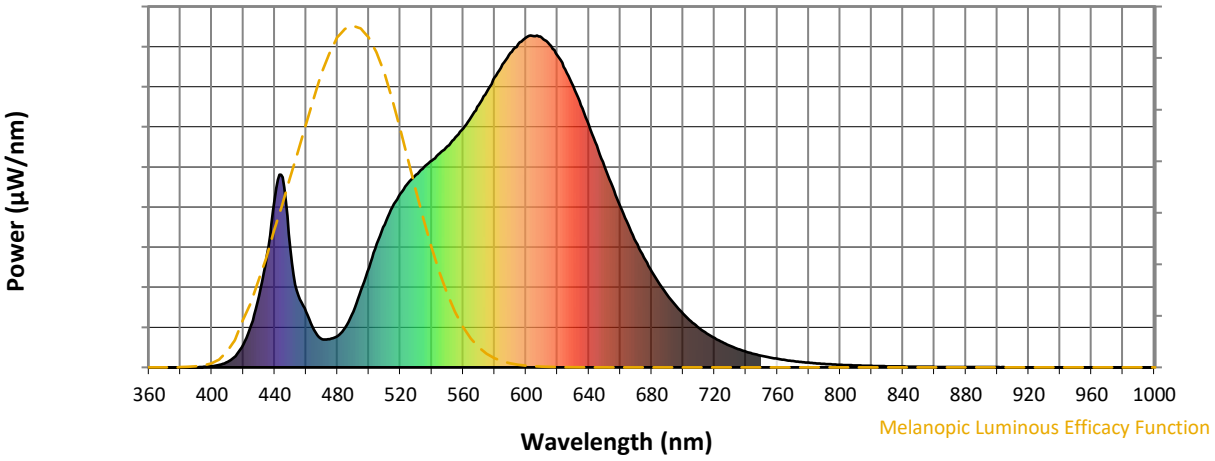
Melanopic Flux vs. Wavelength



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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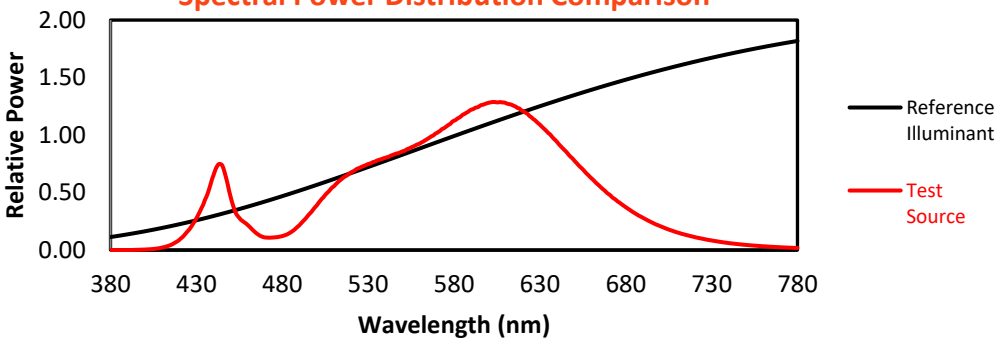
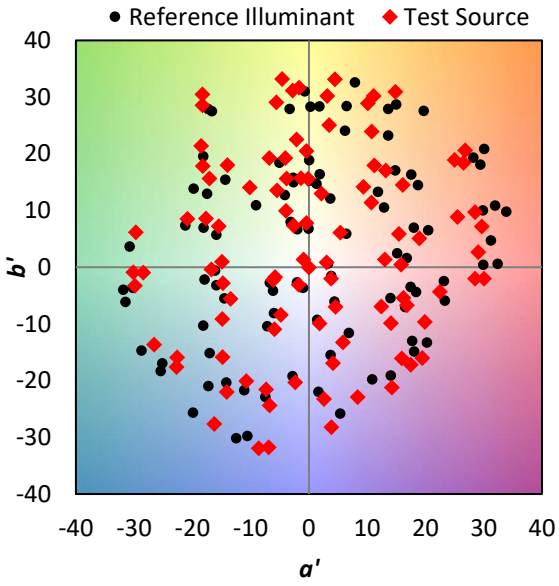
Summary

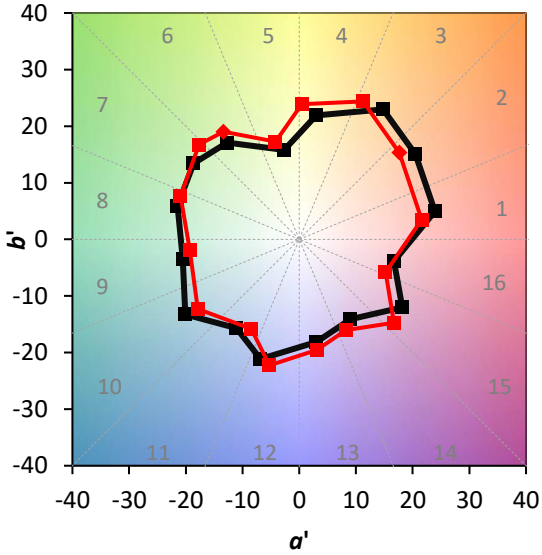
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

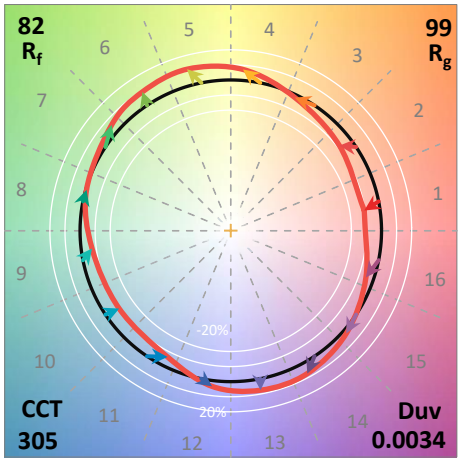
Spectral Power Distribution Comparison

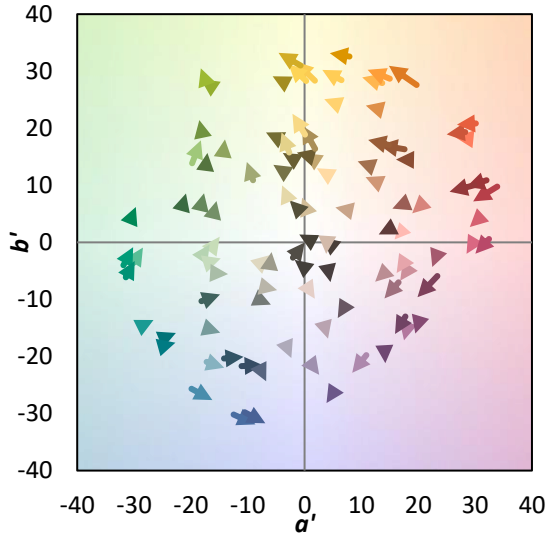


Color Vector Graphics









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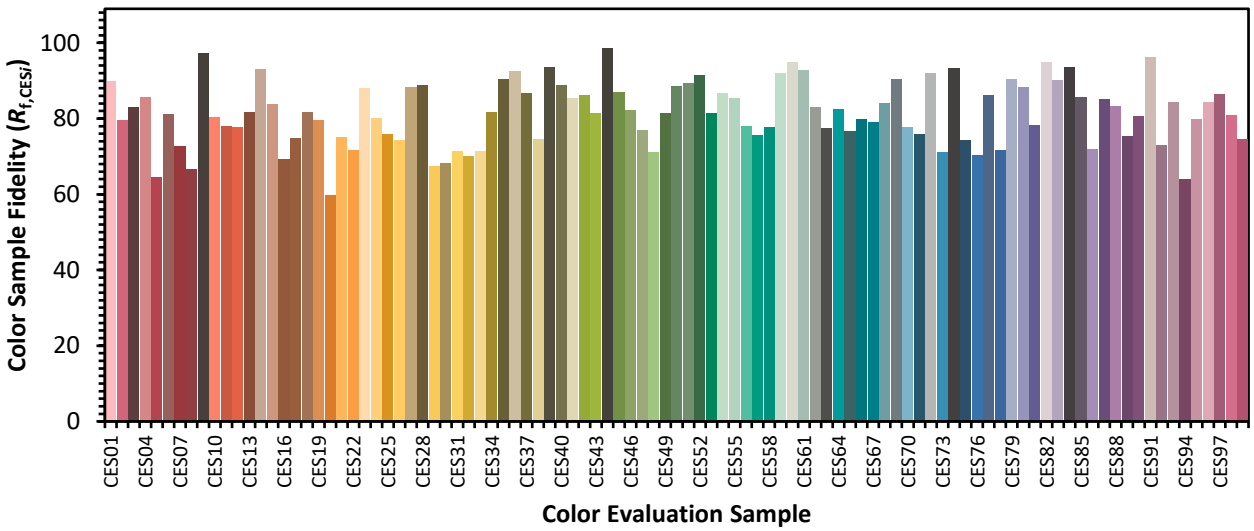
Individual Sample Fidelity Index ($R_{f,i}$)

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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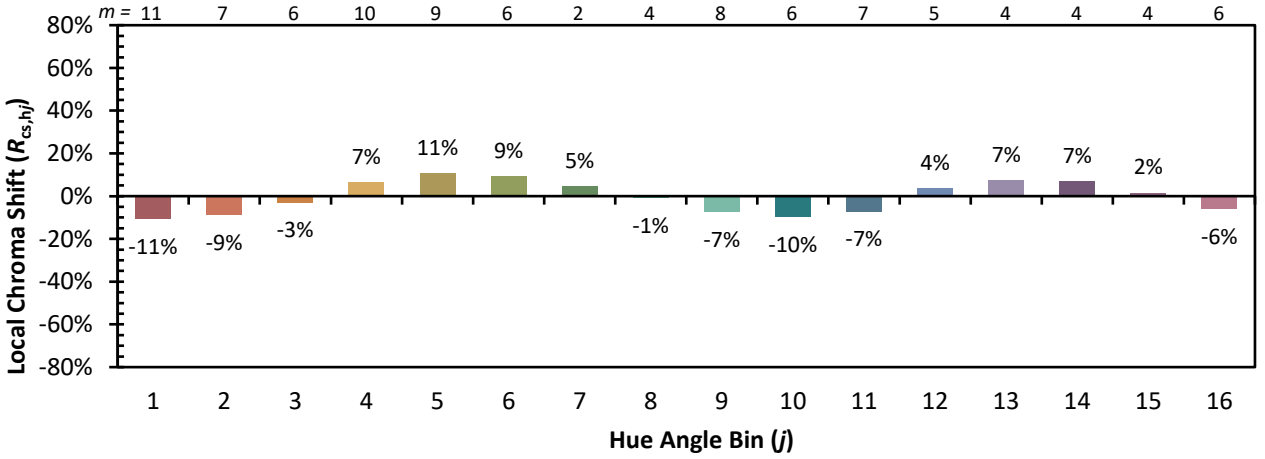
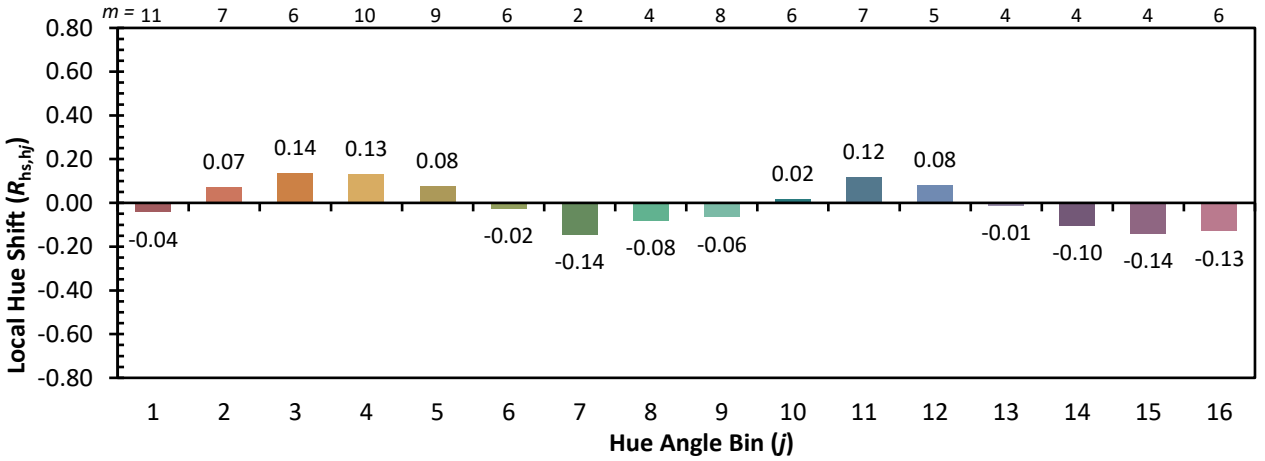
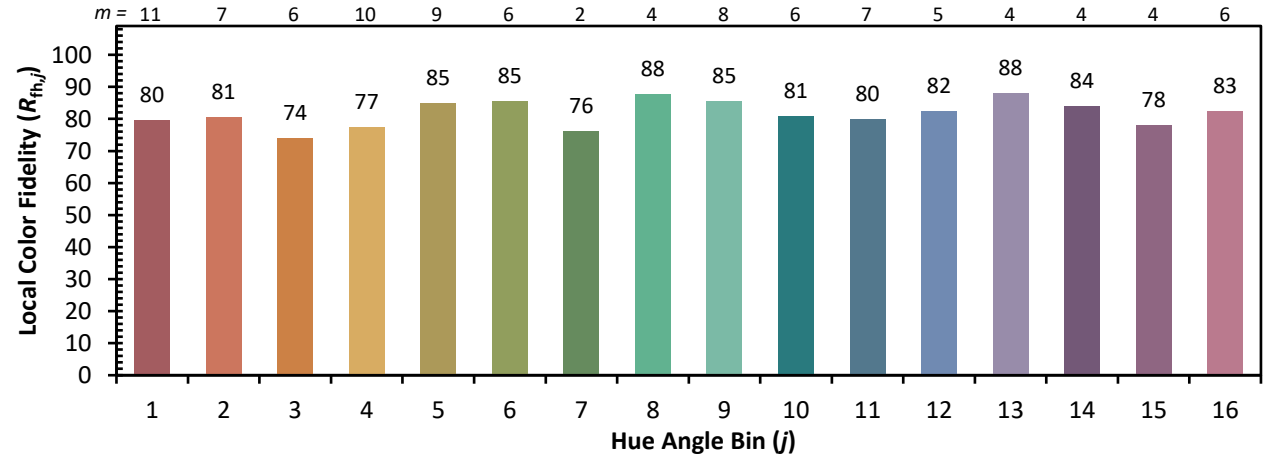
Color Rendition by Hue-Angle Bin







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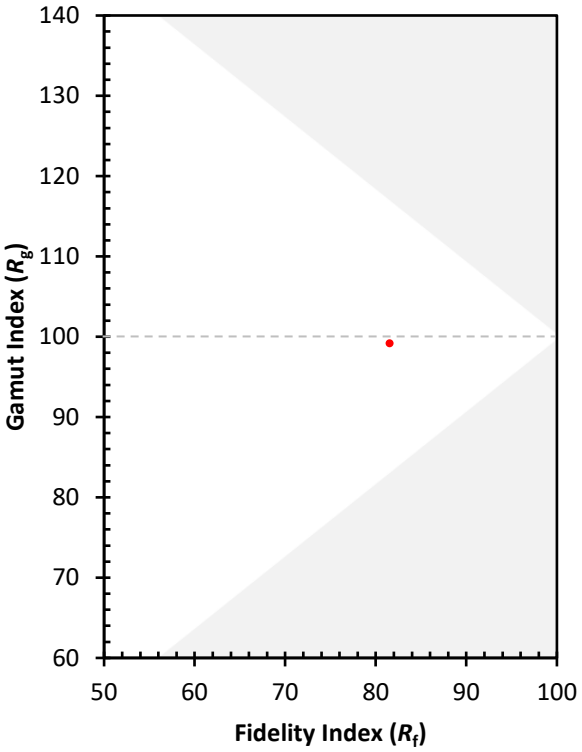
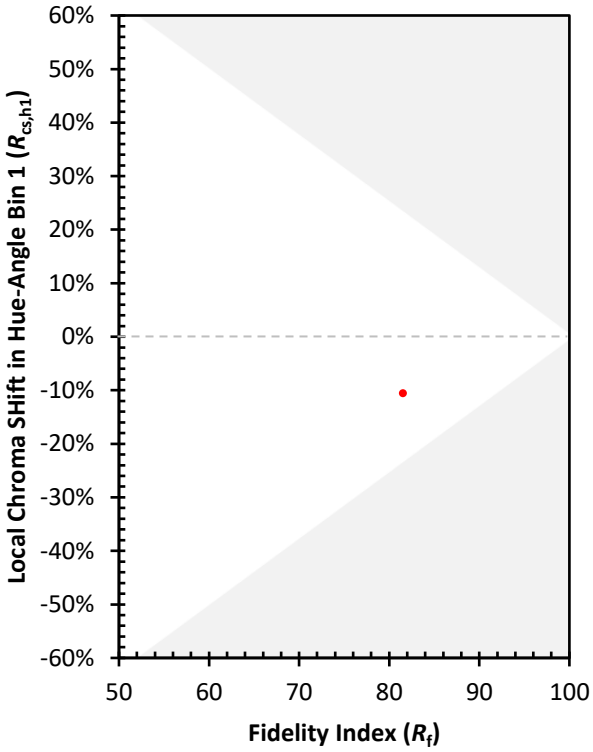
Measure Comparisons





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