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: P385845

Luminaire Tested: **GPC-SA1B-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:	P385845
	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-SA1B-830-U-T4W
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4816 lumens
Efficiency:	N/A
Efficacy:	109.5 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):	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: P385845
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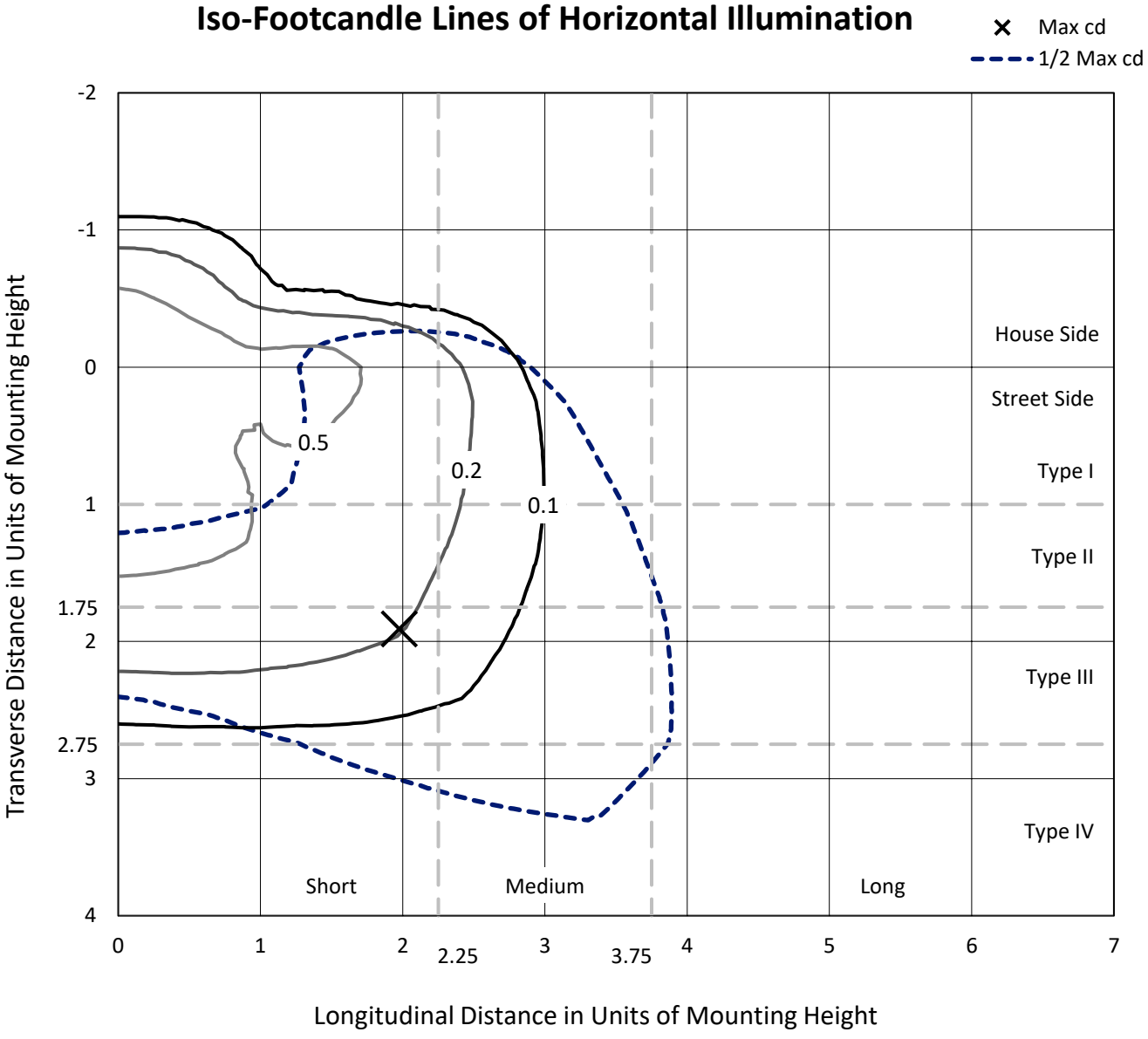
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1 fc
Type IV - Short - N/A

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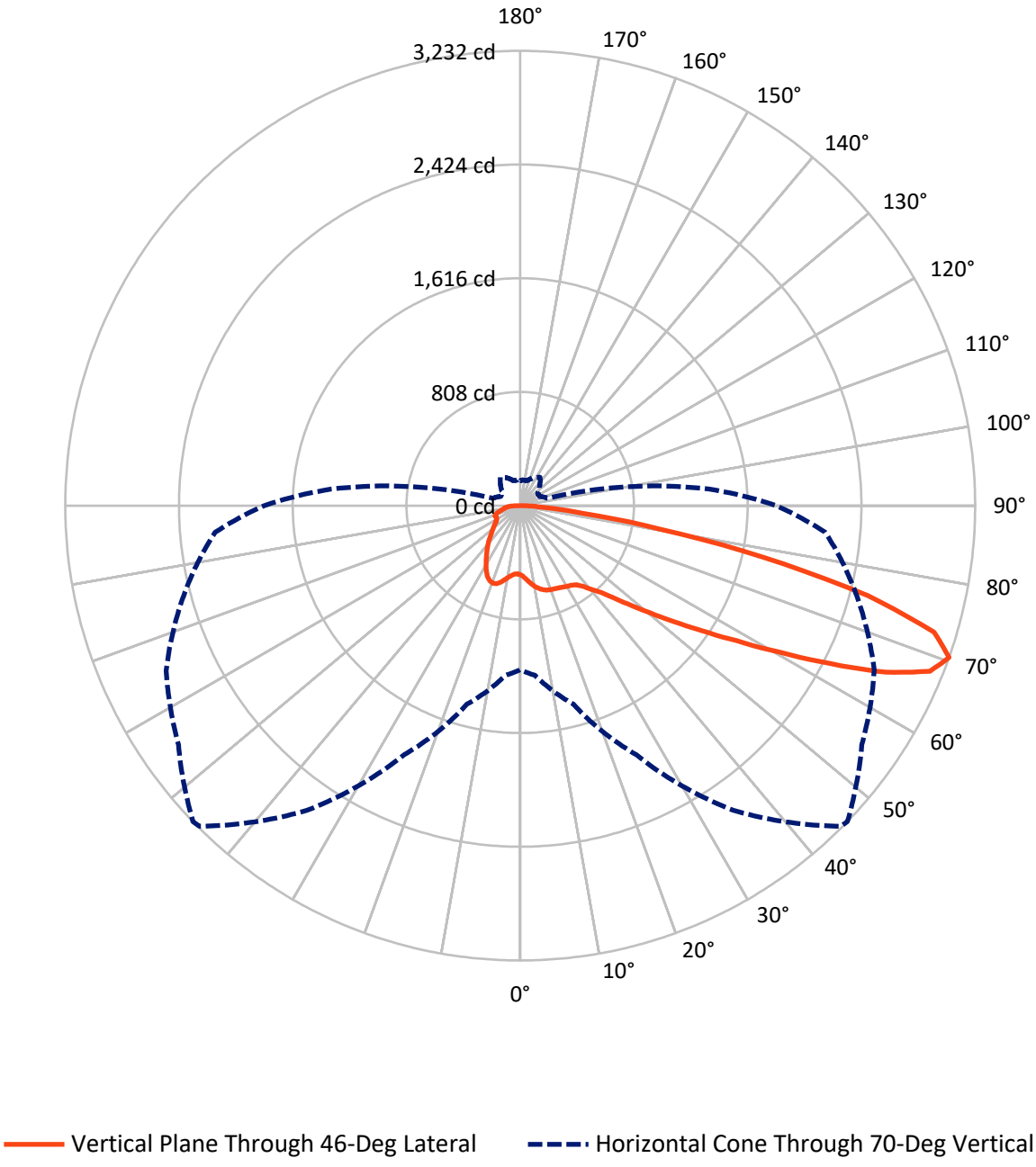
Luminous Intensity Polar Plot



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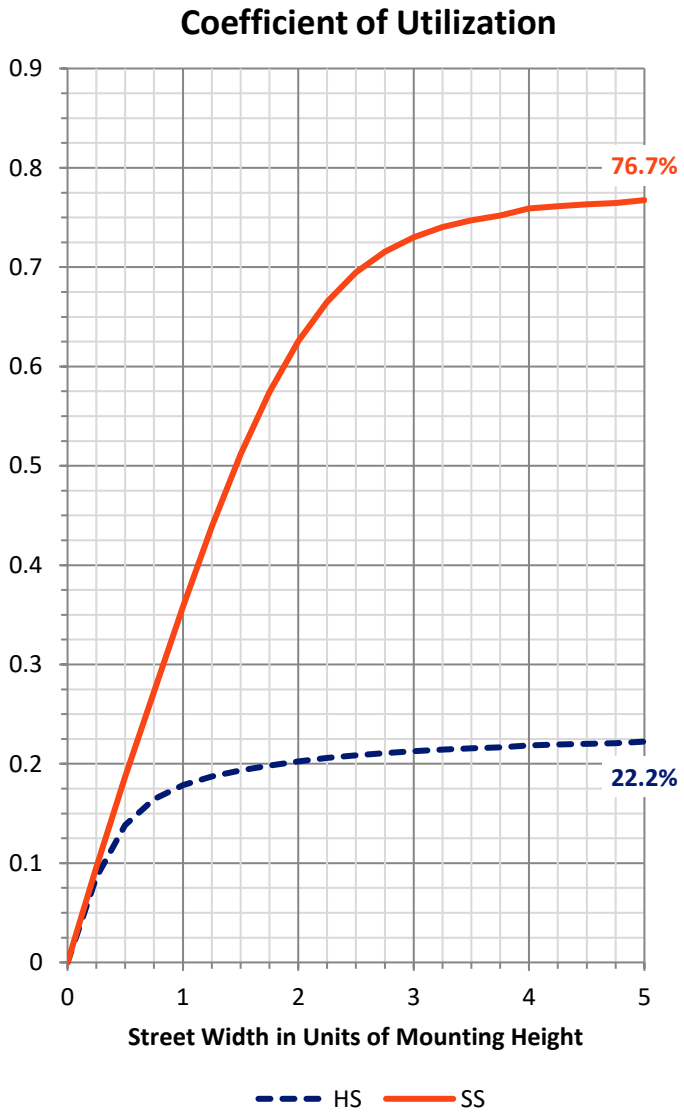
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1103.8	0.0	1103.8
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	3712.2	0.0	3712.2
	% Fixture	77.1	0.0	77.1
Total	Lumens	4816.0	0.0	4816.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	1.0
10°-20°	166.6	3.5
20°-30°	277.9	5.8
30°-40°	394.3	8.2
40°-50°	580.0	12.0
50°-60°	982.2	20.4
60°-70°	1394.3	29.0
70°-80°	847.0	17.6
80°-90°	123.6	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°	4816.0	100.0
0°-180°	4816.0	100.0



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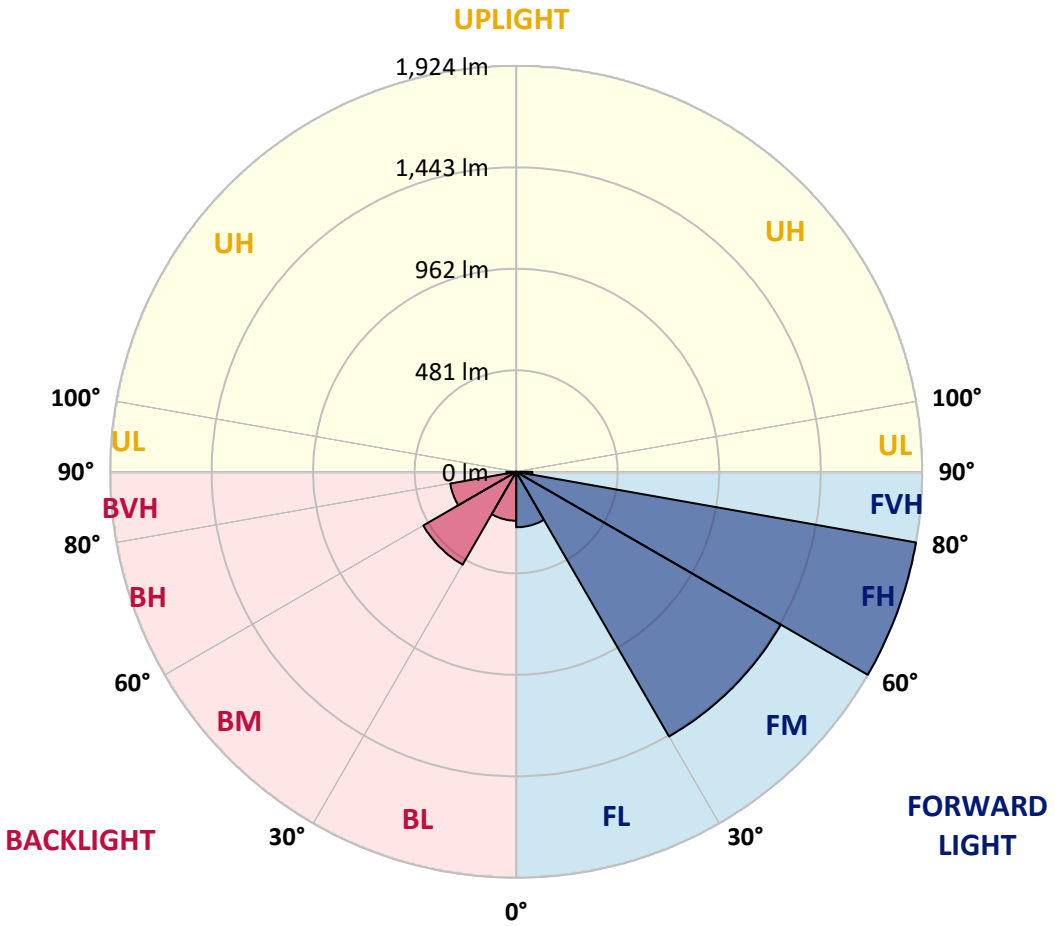
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	262.8	5.5			
FM	(30°-60°)	1448.4	30.1			
FH	(60°-80°)	1924.0	39.9			G2/5000
FVH	(80°-90°)	77.0	1.6			G1/100
BL	(0°-30°)	231.8	4.8	B1/500		
BM	(30°-60°)	508.1	10.6	B1/1000		
BH	(60°-80°)	317.3	6.6	B1/500		G1/500
BVH	(80°-90°)	46.6	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: P385845
CATALOG NUMBER: GPC-SA1B-830-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	490.7	490.7	490.7	490.7	490.7	490.7	*490.7*	490.7	490.7	490.7	490.7
2.5°	515.2	515.5	516.2	514.6	509.9	508.6	*508.1*	503.3	500.2	495.6	491.6
5°	556.4	556.7	555.8	551.1	540.9	533.3	*532.7*	521.8	511.9	501.4	493.5
7.5°	599.4	599.9	596.8	588.1	573.7	560.5	*559.7*	544.9	529.9	513.9	502.0
10°	637.5	635.5	630.4	618.2	601.2	585.1	*584.4*	568.9	551.6	532.4	516.5
12.5°	662.9	661.2	654.6	639.8	621.2	606.4	*605.0*	590.7	573.9	552.8	533.8
15°	676.9	678.1	669.2	652.3	634.2	621.7	*620.5*	610.3	595.3	574.1	552.3
17.5°	678.7	679.7	671.1	654.5	639.6	631.1	*630.6*	623.8	612.9	592.5	569.8
20°	668.2	668.8	661.7	648.1	638.3	635.7	*635.5*	632.6	624.5	606.4	584.3
22.5°	652.8	653.3	648.2	638.3	635.0	639.2	*640.3*	639.2	633.4	616.4	595.6
25°	649.0	648.7	643.4	633.4	636.2	644.9	*646.4*	646.9	642.9	628.1	610.1
27.5°	667.3	666.2	656.1	640.0	641.8	652.3	*654.3*	659.1	656.6	643.6	626.6
30°	720.2	718.3	697.7	665.0	656.1	661.6	*664.0*	671.6	672.1	661.2	648.5
32.5°	809.6	807.1	770.2	711.8	680.4	671.0	*673.3*	684.6	690.7	682.3	668.7
35°	922.5	919.7	871.2	791.4	720.9	688.9	*690.6*	699.6	711.8	700.0	681.8
37.5°	1040.2	1033.4	986.8	885.1	785.3	727.3	*727.3*	728.5	734.3	709.5	697.3
40°	1157.2	1150.4	1108.2	995.2	868.7	787.8	*784.0*	758.5	753.9	732.6	728.5
42.5°	1265.9	1264.0	1239.1	1119.6	966.6	847.3	*842.0*	798.7	799.7	786.5	786.7
45°	1381.6	1381.6	1361.4	1245.2	1080.7	942.9	*937.6*	873.9	883.7	877.6	892.3
47.5°	1476.1	1479.1	1476.3	1376.0	1213.4	1064.4	*1054.8*	978.0	1005.7	1026.6	1069.3
50°	1572.5	1577.1	1577.6	1519.6	1373.7	1208.8	*1197.9*	1116.3	1178.1	1238.1	1322.0
52.5°	1712.4	1722.8	1681.4	1662.8	1570.2	1380.2	*1369.5*	1294.1	1397.3	1481.5	1626.1
55°	1842.1	1833.1	1803.6	1815.1	1780.5	1575.3	*1567.2*	1501.1	1641.6	1751.0	1938.7
57.5°	1912.4	1911.7	1941.4	1990.8	2007.3	1815.9	*1809.2*	1744.9	1917.0	1999.2	2232.3
60°	1994.8	1995.9	2069.4	2181.7	2249.6	2115.6	*2112.6*	2063.8	2184.5	2230.9	2462.5
62.5°	2006.3	2027.1	2153.6	2346.8	2476.4	2465.6	*2472.2*	2351.1	2423.8	2415.9	2634.4
65°	1873.6	1901.0	2130.1	2396.7	2701.8	2848.5	*2854.6*	2640.0	2612.5	2573.9	2695.9
67.5°	1601.7	1642.2	1891.1	2288.1	2776.2	3131.5	*3140.1*	2864.0	2769.1	2627.5	2547.9
70°	*1165.6*	*1210.6*	*1461.1*	*1954.2*	*2643.6*	*3222.0*	*3231.7*	*2963.1*	*2775.0*	*2475.0*	*2175.1*
72.5°	704.1	739.4	945.9	1438.7	2231.3	3057.2	*3074.5*	2837.5	2533.5	2096.5	1606.1
75°	309.2	332.3	457.4	829.0	1597.4	2529.4	*2551.0*	2428.7	2058.5	1523.6	949.3
77.5°	131.7	138.3	187.6	360.1	903.0	1728.4	*1758.1*	1774.6	1396.6	829.0	401.2
80°	82.1	84.7	106.1	163.0	422.6	970.8	*1002.7*	1044.1	693.5	304.7	140.1
82.5°	49.9	52.9	70.5	98.6	220.0	440.1	*455.4*	484.6	269.1	131.7	72.5
85°	30.0	32.1	43.2	62.3	125.3	173.1	*172.9*	191.2	126.7	84.7	38.2
87.5°	14.3	16.0	23.1	32.3	63.1	64.9	*60.8*	68.9	77.0	55.5	19.3
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: P385845
CATALOG NUMBER: GPC-SA1B-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	490.7	490.7	490.7	490.7	490.7	490.7	490.7	490.7	490.7	490.7	490.7
2.5°	490.3	489.7	487.5	485.9	485.5	484.6	483.7	484.2	484.9	485.1	485.1
5°	490.2	488.3	485.5	484.4	485.9	487.9	490.3	493.6	495.6	497.1	498.1
7.5°	498.1	494.6	491.5	490.8	493.8	499.1	504.7	511.6	516.4	519.7	520.3
10°	511.3	507.0	503.8	504.5	509.8	517.4	525.3	534.2	541.4	545.9	546.2
12.5°	526.4	522.3	519.3	522.1	530.9	540.1	548.3	556.1	562.7	567.1	567.1
15°	543.9	540.9	537.5	543.9	555.8	564.0	567.5	571.3	574.9	578.2	577.5
17.5°	560.7	557.9	556.1	563.7	576.0	579.8	577.5	574.7	574.7	576.5	576.9
20°	575.2	572.7	573.9	581.3	587.7	583.8	575.2	566.3	562.7	563.7	564.7
22.5°	587.9	586.7	590.2	593.7	589.1	575.2	559.4	547.4	542.9	542.6	542.9
25°	602.7	602.6	606.9	600.6	580.2	554.6	533.3	521.6	519.2	521.1	524.4
27.5°	621.2	623.0	625.1	602.2	562.0	523.5	501.9	493.8	496.3	501.0	504.2
30°	644.8	649.7	645.1	598.1	536.0	487.9	467.3	464.9	471.7	478.5	481.8
32.5°	667.7	675.4	664.2	587.4	502.4	450.1	434.1	433.5	441.7	448.3	452.9
35°	686.1	701.5	678.5	566.1	463.5	415.3	403.6	399.2	402.2	409.9	415.2
37.5°	710.2	735.7	688.4	533.7	421.3	386.7	373.0	362.8	360.1	363.3	365.9
40°	754.2	788.0	693.0	488.3	380.1	358.0	344.1	329.1	318.8	311.2	311.3
42.5°	826.1	856.1	690.1	433.3	342.0	330.0	314.3	297.0	280.2	263.0	261.7
45°	942.7	957.2	681.2	375.0	308.5	300.6	286.0	268.6	246.2	226.8	225.0
47.5°	1129.5	1097.3	667.3	324.0	279.0	275.7	262.2	242.3	218.5	202.9	201.6
50°	1384.1	1299.6	660.6	283.5	253.0	254.0	242.9	221.8	199.4	187.9	186.6
52.5°	1688.7	1535.1	673.6	252.2	232.1	235.5	227.3	207.5	188.7	179.6	178.3
55°	2004.7	1779.0	687.6	229.4	212.3	219.0	216.2	199.9	182.9	174.5	173.4
57.5°	2275.1	1961.1	659.6	211.0	194.6	205.2	207.7	195.1	180.0	172.4	171.1
60°	2445.4	2034.5	586.1	193.7	180.6	194.2	202.7	193.8	181.1	180.5	179.5
62.5°	2526.1	2028.1	475.8	180.0	171.9	189.4	206.3	201.2	194.3	200.3	200.7
65°	2489.9	1931.1	354.4	170.9	165.6	191.2	217.2	215.2	198.1	204.0	204.9
67.5°	2251.2	1699.9	262.4	163.0	158.7	196.3	237.0	219.9	190.7	195.0	192.3
70°	*1819.6*	*1347.7*	*202.4*	*154.1*	*151.6*	*195.6*	*245.9*	*217.1*	*182.6*	*183.6*	*176.5*
72.5°	1254.7	919.0	164.7	145.9	141.4	178.3	239.6	210.1	175.9	168.3	158.9
75°	682.3	493.3	139.9	137.3	123.4	156.6	228.1	205.2	169.8	159.7	154.4
77.5°	268.5	204.7	121.5	125.6	108.0	138.3	215.2	195.8	161.4	148.2	145.5
80°	109.6	104.5	100.7	108.6	92.8	121.0	199.8	184.8	151.3	137.5	132.2
82.5°	62.1	64.9	78.3	85.7	75.3	111.4	192.3	175.9	139.3	123.1	116.9
85°	31.8	38.1	54.6	61.5	55.4	94.8	177.2	153.9	111.7	94.3	94.8
87.5°	15.3	21.3	34.4	38.6	35.9	68.6	132.3	111.6	87.0	68.9	66.8
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

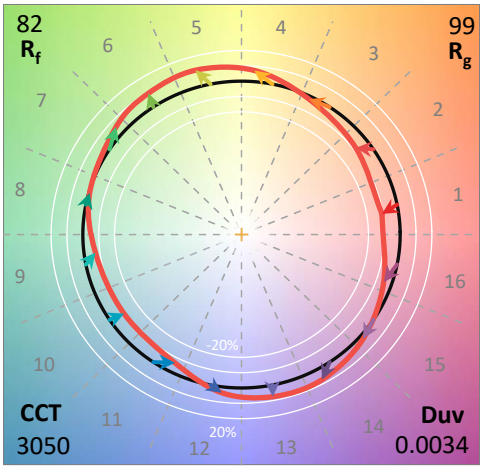
Test Information

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

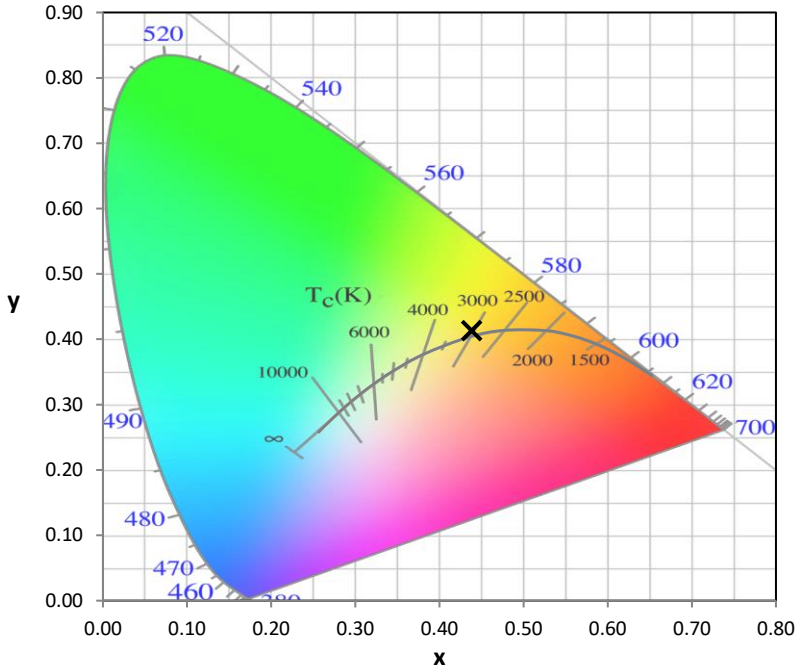
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

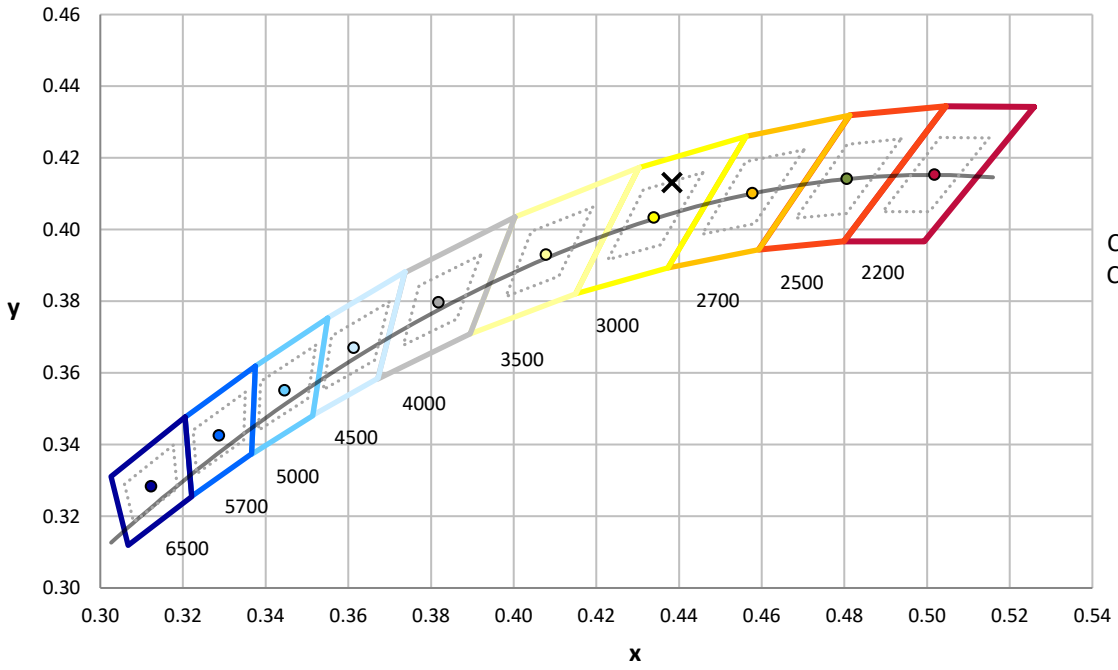
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

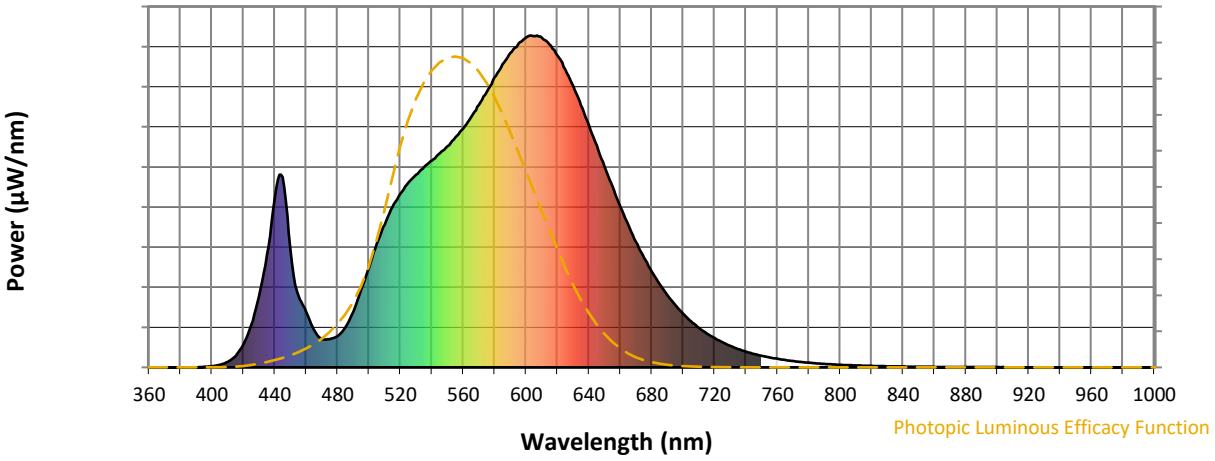


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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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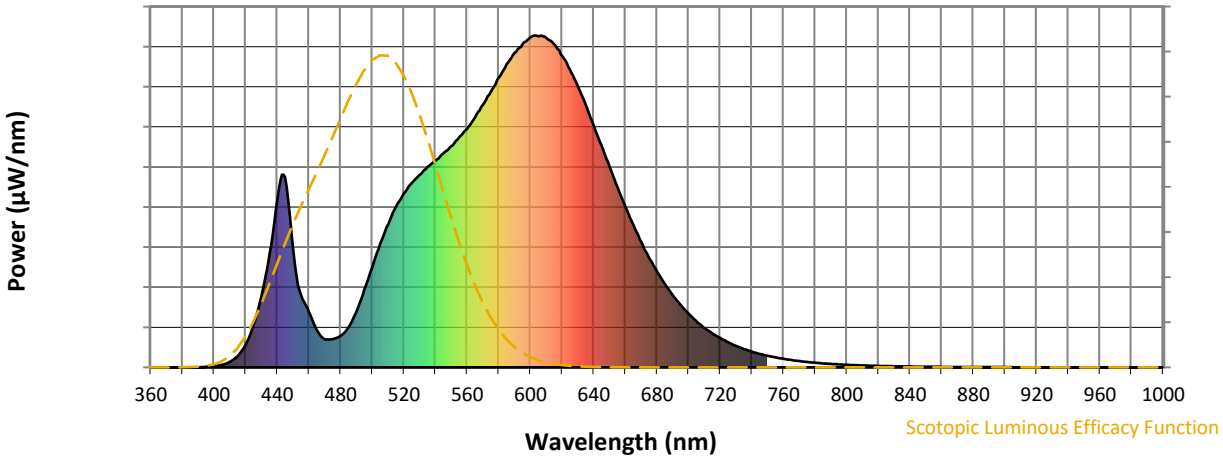
Scotopic Flux vs. Wavelength



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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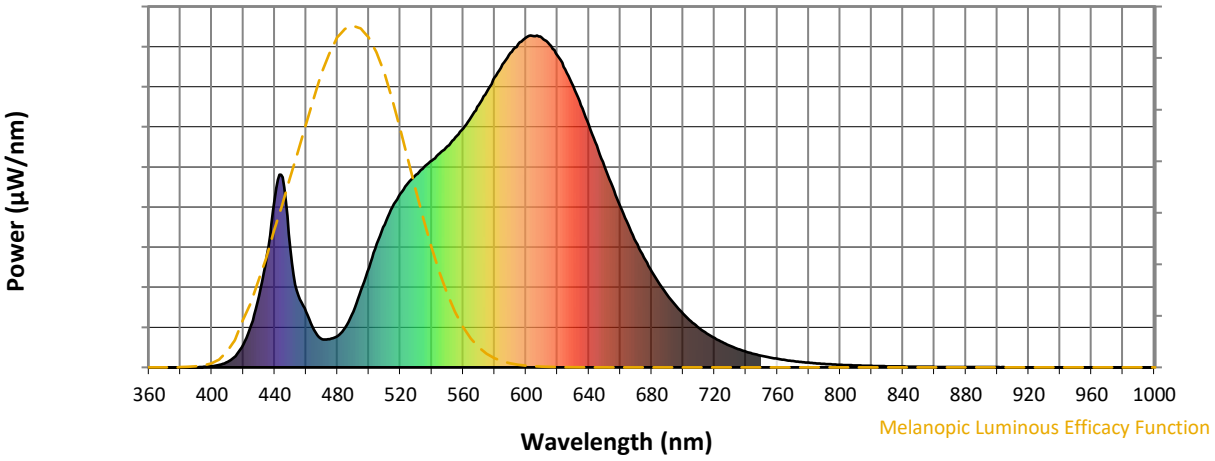
Melanopic Flux vs. Wavelength



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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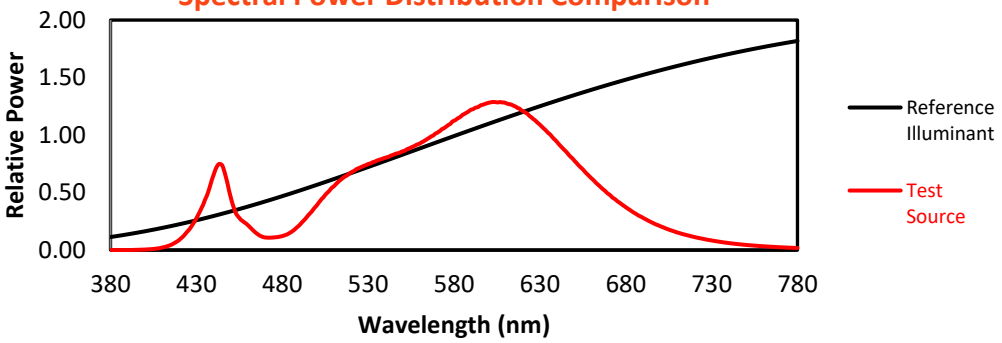
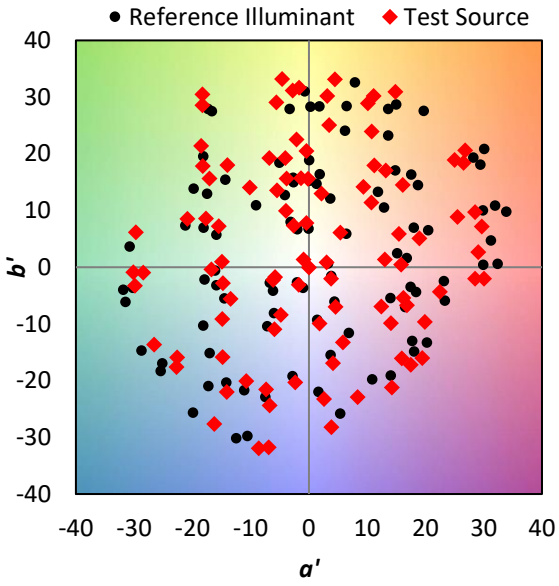
Summary

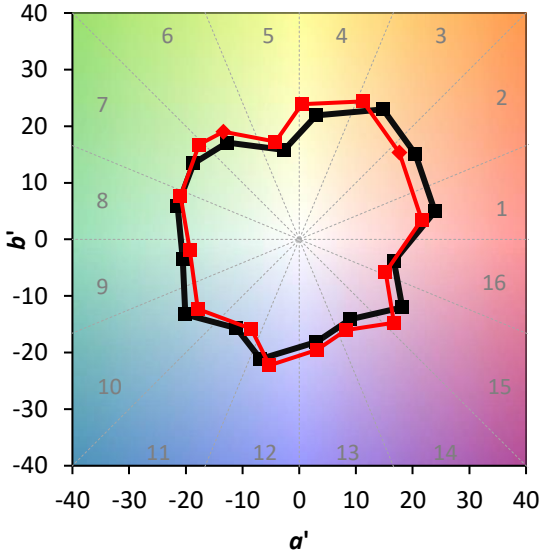
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

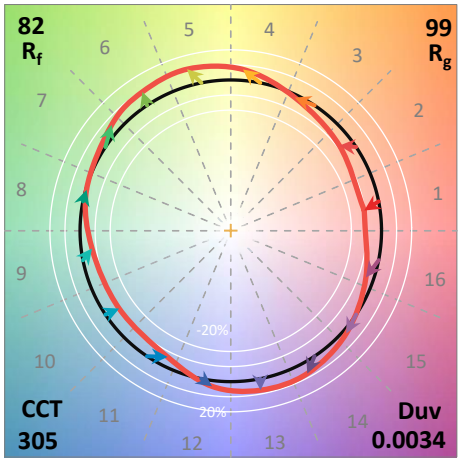
Spectral Power Distribution Comparison

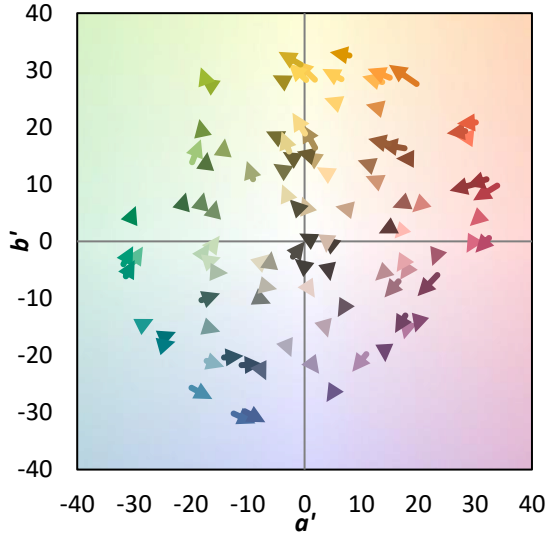


Color Vector Graphics









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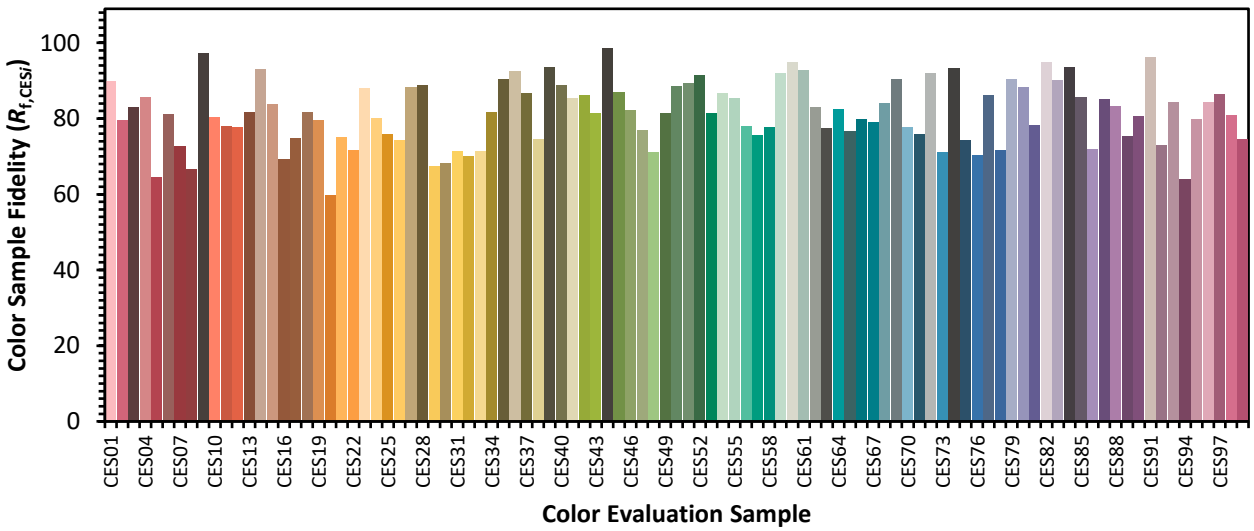
Individual Sample Fidelity Index ($R_{f,i}$)

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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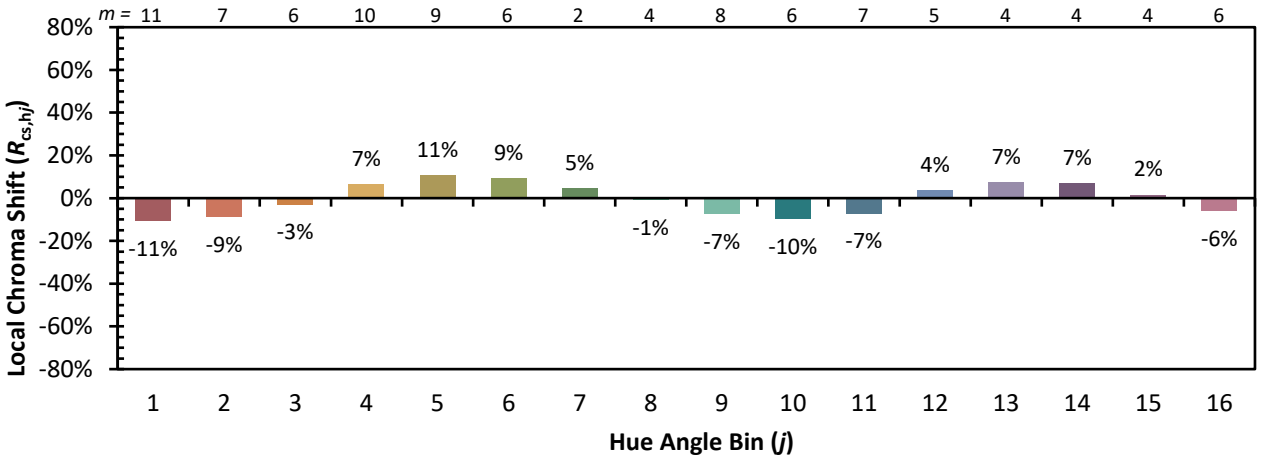
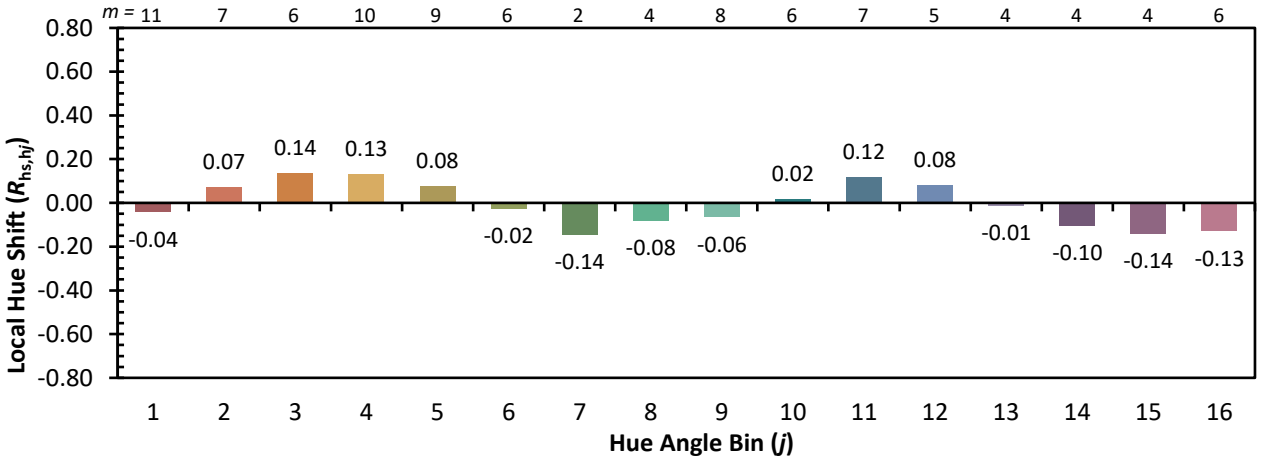
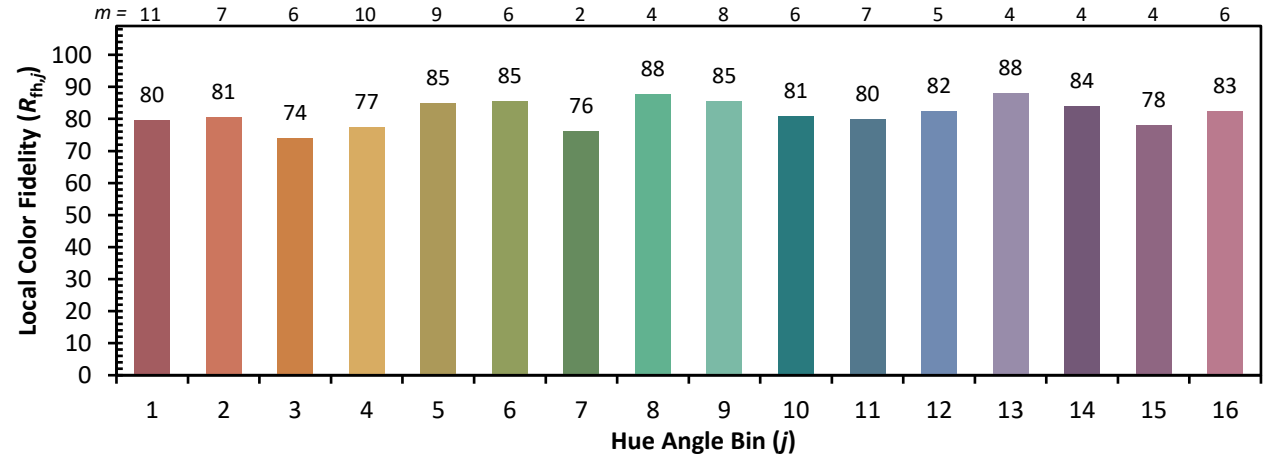
Color Rendition by Hue-Angle Bin







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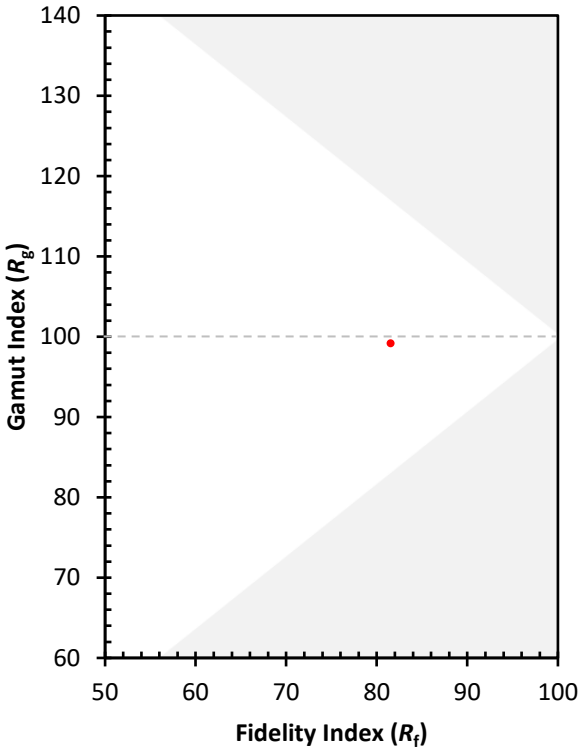
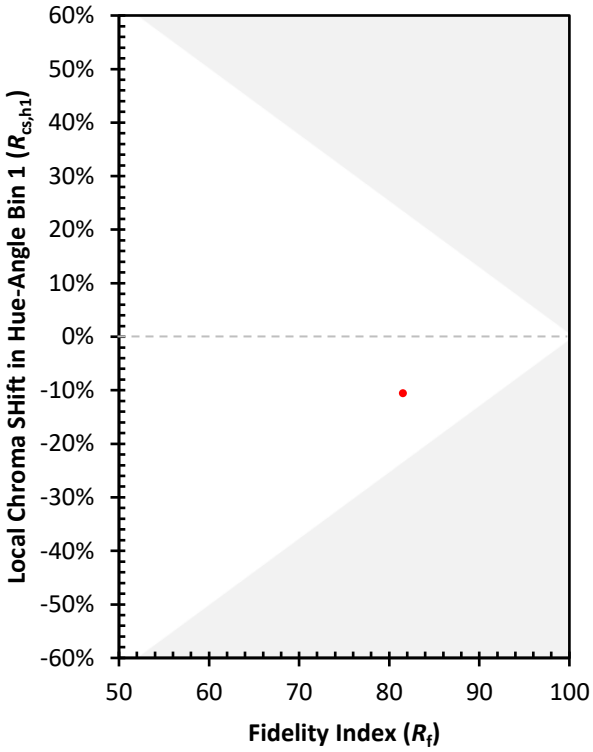
Measure Comparisons





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