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: P385842

Luminaire Tested: **GPC-SA1B-830-U-T4FT-HSS**

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:	P385842
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-17)
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-T4FT-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3444 lumens
Efficiency:	N/A
Efficacy:	78.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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: P385842
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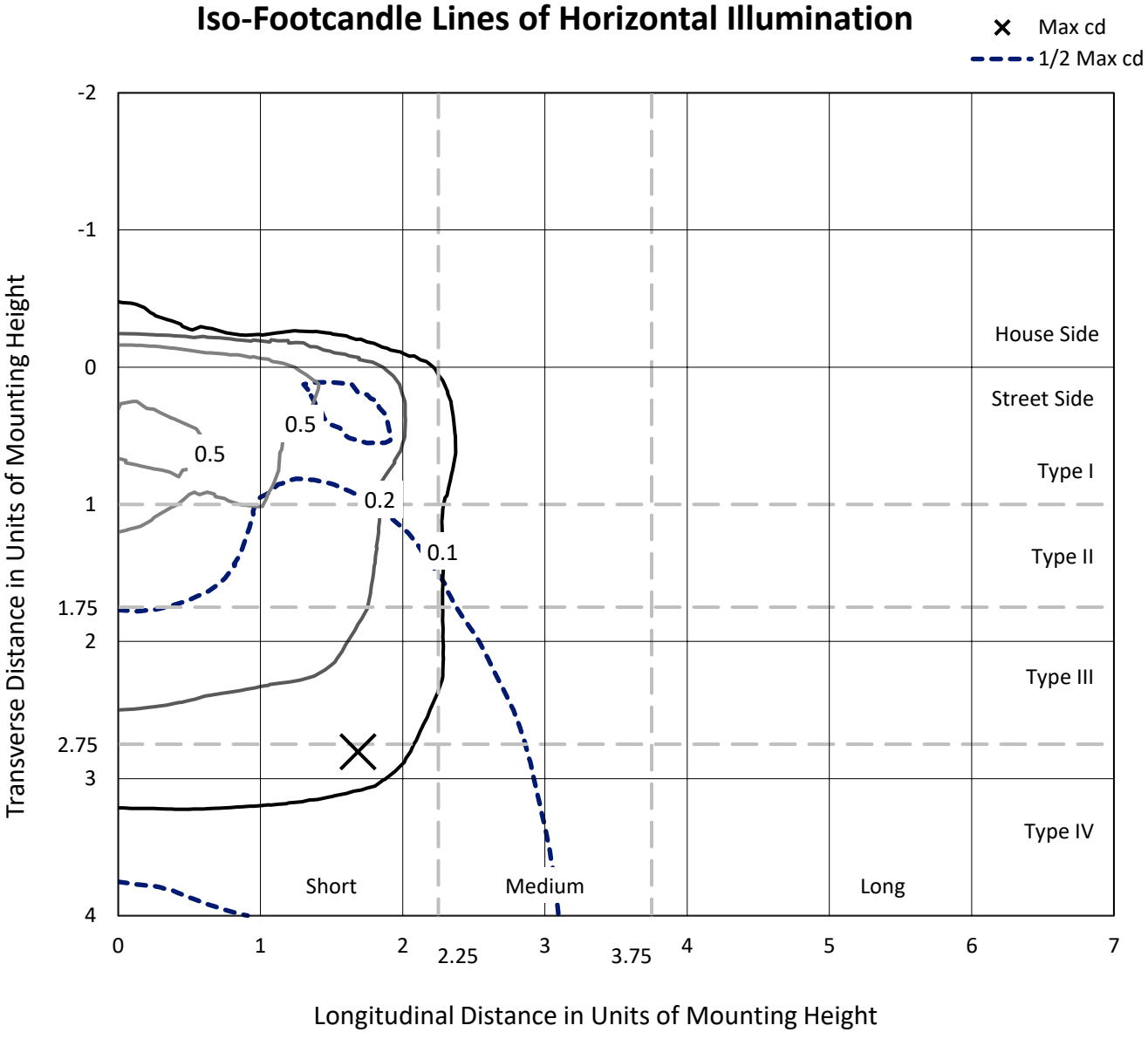
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
Type IV - Short - N/A

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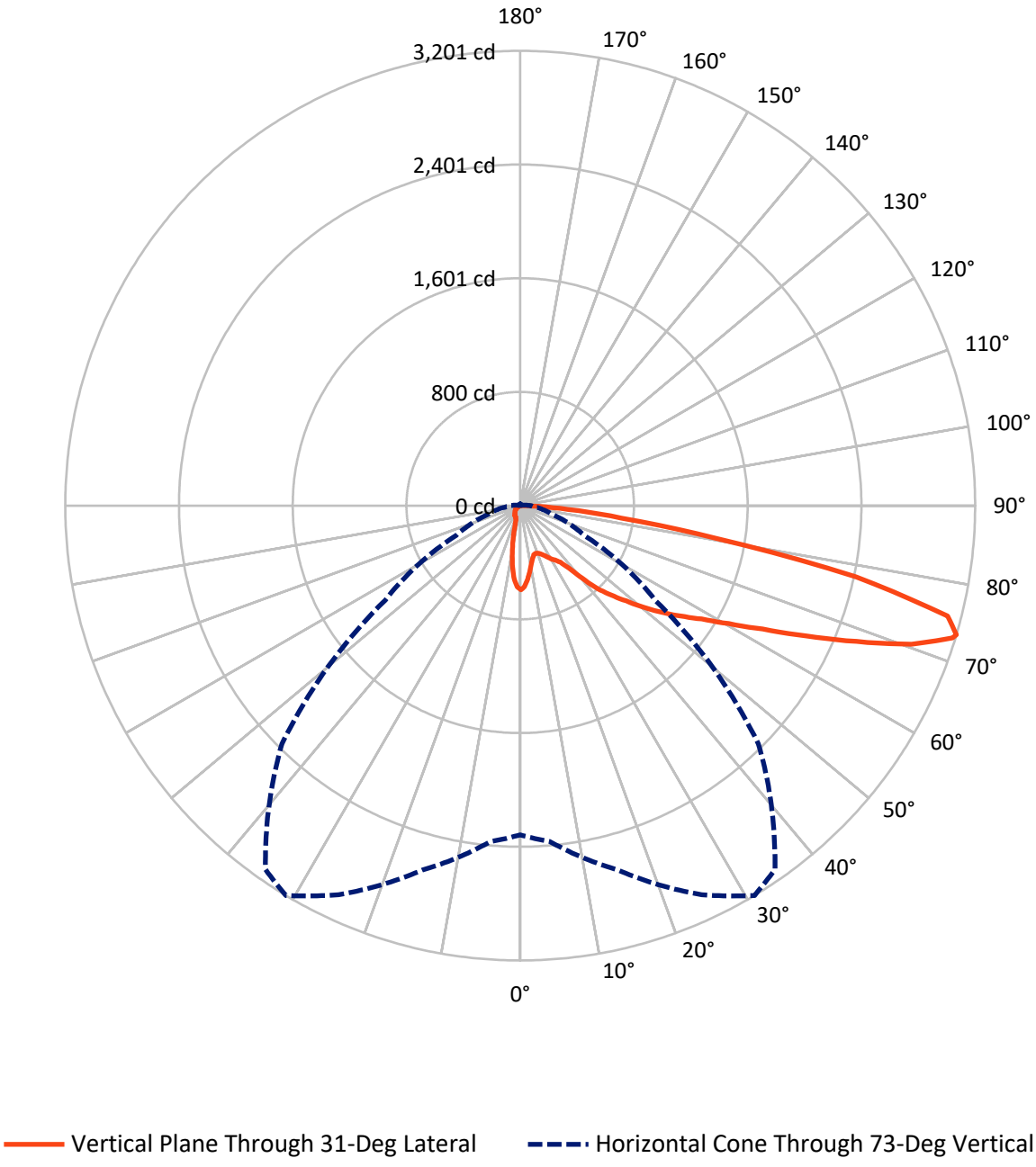
Luminous Intensity Polar Plot



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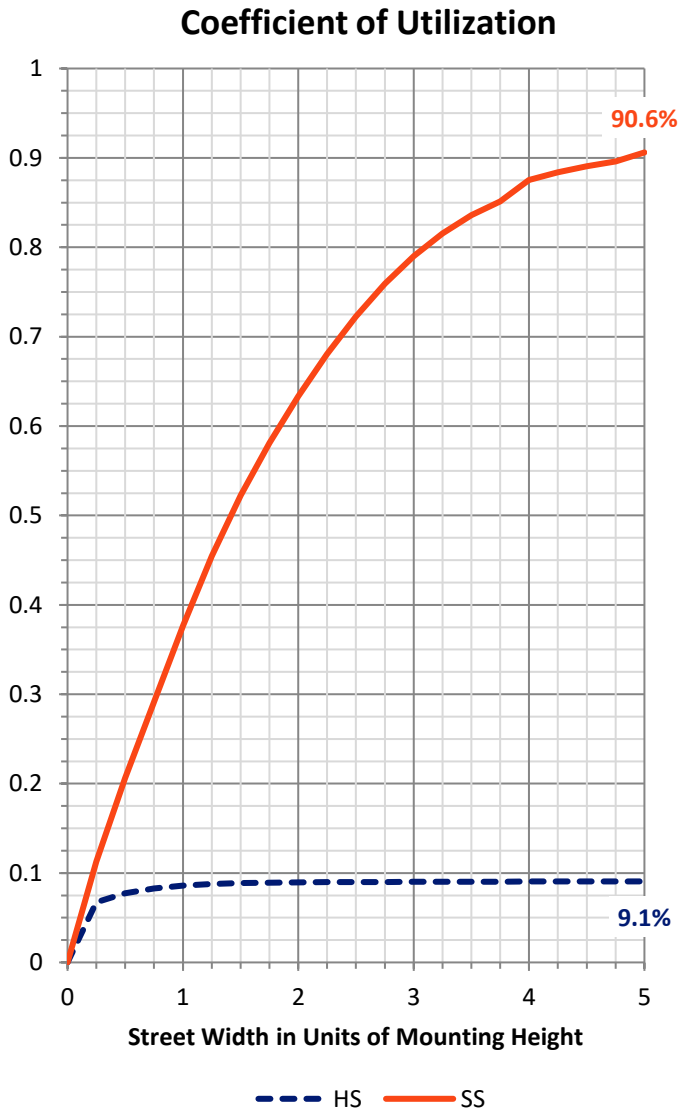
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	313.9	0.0	313.9
	% Fixture	9.1	0.0	9.1
Street Side	Lumens	3130.1	0.0	3130.1
	% Fixture	90.9	0.0	90.9
Total	Lumens	3444.0	0.0	3444.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	1.4
10°-20°	106.7	3.1
20°-30°	159.8	4.6
30°-40°	254.3	7.4
40°-50°	454.1	13.2
50°-60°	704.6	20.5
60°-70°	936.7	27.2
70°-80°	704.6	20.5
80°-90°	74.0	2.1
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°	3444.0	100.0
0°-180°	3444.0	100.0



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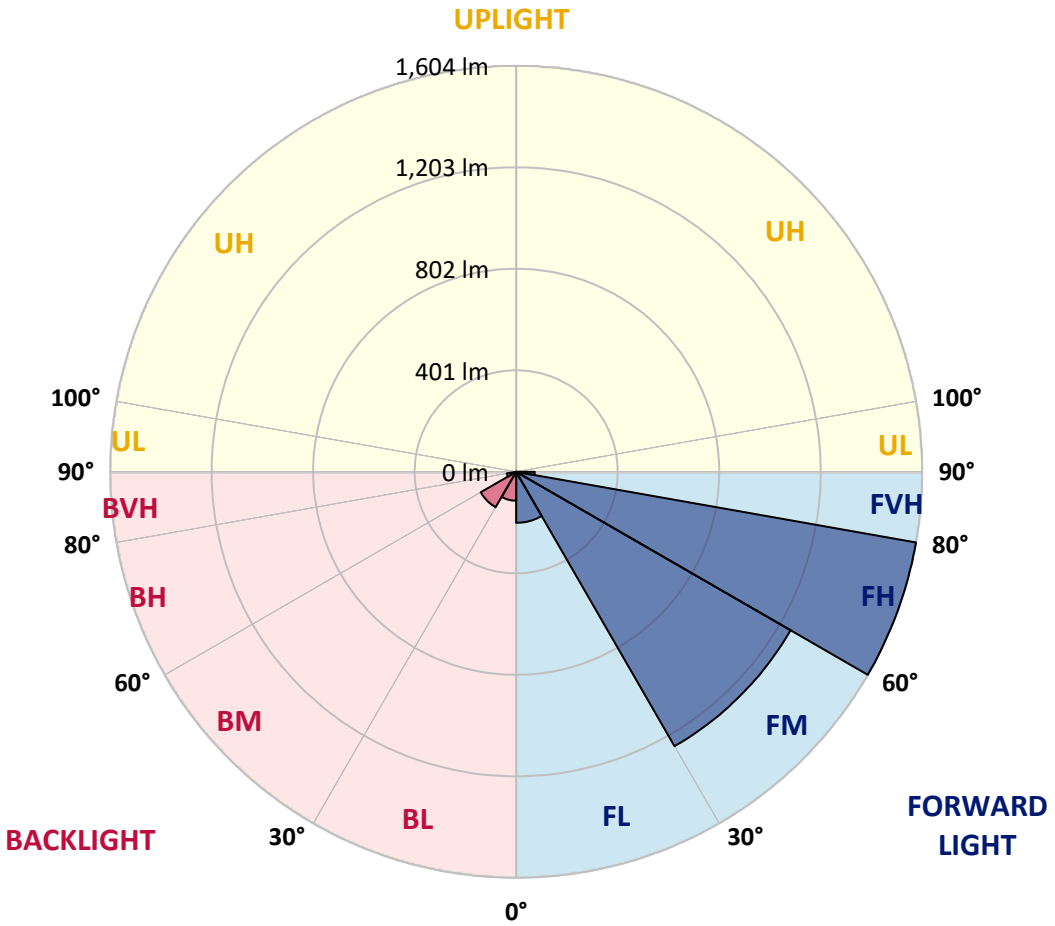
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	201.5	5.9			
FM	(30°-60°)	1251.4	36.3			
FH	(60°-80°)	1603.7	46.6			G1/1800
FVH	(80°-90°)	73.4	2.1			G1/100
BL	(0°-30°)	114.2	3.3	B1/500		
BM	(30°-60°)	161.6	4.7	B0/220		
BH	(60°-80°)	37.6	1.1	B0/110		G0/110
BVH	(80°-90°)	0.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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Scaled Data Report

REPORT NUMBER: P385842
CATALOG NUMBER: GPC-SA1B-830-U-T4FT-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	31°	35°	45°	55°	65°	75°	85°
0°	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5
2.5°	561.5	563.9	566.4	566.9	571.1	571.3	577.4	581.9	586.5	590.9	592.4
5°	503.9	507.8	512.3	516.9	525.8	529.3	544.2	559.3	573.8	587.7	594.4
7.5°	442.4	446.8	453.2	464.5	474.4	481.3	504.7	531.7	558.7	584.1	598.8
10°	386.3	390.3	397.1	409.0	424.4	433.8	465.3	502.7	542.3	580.9	605.4
12.5°	350.5	352.7	356.4	369.2	383.1	393.7	430.8	477.1	528.8	580.8	616.0
15°	344.0	344.6	341.6	347.3	358.1	368.4	406.0	456.4	518.6	583.4	629.8
17.5°	354.4	354.1	344.0	343.3	351.9	360.3	393.9	442.1	511.3	589.7	647.7
20°	370.3	369.1	351.6	348.3	357.4	365.4	393.0	436.7	508.6	600.1	669.4
22.5°	391.3	389.3	361.8	358.5	368.2	376.5	403.5	441.9	511.0	614.1	694.7
25°	417.4	414.4	379.5	375.8	385.8	394.0	422.2	456.9	518.1	631.1	726.7
27.5°	446.9	442.6	407.8	398.2	409.5	418.1	447.1	479.8	529.2	649.2	766.0
30°	474.7	469.0	437.7	421.8	435.6	445.3	474.1	507.1	547.0	677.0	819.7
32.5°	502.7	496.3	464.3	445.4	457.9	468.3	501.9	544.7	580.6	719.4	891.2
35°	567.1	560.4	521.1	489.9	489.7	495.6	540.8	596.1	624.9	778.6	976.5
37.5°	675.5	671.6	634.2	575.0	559.2	552.6	593.9	657.4	688.6	860.0	1072.7
40°	794.1	790.7	748.8	695.2	671.1	654.9	670.1	742.9	778.6	959.4	1170.9
42.5°	928.1	912.1	837.3	821.2	799.7	787.4	773.7	848.2	889.2	1067.6	1268.3
45°	1049.8	1022.8	925.7	901.5	896.6	899.6	907.2	989.8	1013.5	1196.2	1365.4
47.5°	1122.2	1101.0	1026.5	1003.3	1001.9	1022.0	1079.3	1149.7	1137.4	1308.3	1450.9
50°	1191.2	1171.9	1110.1	1115.8	1122.1	1149.4	1274.6	1314.2	1250.5	1409.9	1529.2
52.5°	1246.9	1217.6	1185.3	1217.5	1248.1	1292.1	1476.1	1461.8	1330.7	1490.8	1596.3
55°	1279.1	1265.8	1281.5	1313.9	1371.5	1442.9	1666.4	1584.7	1389.4	1564.6	1641.0
57.5°	1397.1	1371.0	1402.2	1430.1	1505.3	1605.2	1829.4	1676.2	1431.7	1610.3	1651.2
60°	1539.8	1518.8	1537.2	1583.7	1685.1	1802.6	1981.7	1750.8	1453.7	1639.6	1624.6
62.5°	1767.0	1739.2	1727.8	1779.8	1914.3	2042.6	2097.3	1802.6	1448.8	1626.6	1533.3
65°	2071.4	2042.6	1991.3	2038.5	2209.6	2300.1	2226.6	1813.5	1415.1	1521.6	1302.4
67.5°	2383.2	2362.3	2318.5	2398.0	2552.4	2581.5	2363.3	1786.9	1306.6	1233.8	920.2
70°	2589.1	2580.2	2608.7	2784.6	2922.3	2913.9	2488.7	1643.8	1018.4	758.7	455.2
72.5°	2440.6	2483.4	2693.8	3012.8	3181.0	3112.2	2424.3	1262.3	582.1	291.9	131.6
73°	2317.6	2372.4	2655.5	3021.4	3201.4	3126.0	2370.2	1158.6	496.1	230.4	99.8
75°	1612.3	1679.6	2198.5	2813.9	3106.0	2978.4	1975.7	709.2	229.9	102.1	40.3
77.5°	782.8	832.5	1210.5	2033.1	2415.5	2327.0	1229.9	264.3	103.8	63.9	18.5
80°	292.2	324.9	525.5	1034.8	1395.9	1432.5	541.0	99.9	69.1	51.4	9.4
82.5°	76.5	85.3	193.8	461.4	715.4	748.8	170.6	50.4	50.6	42.3	5.7
85°	24.4	28.0	60.5	207.1	337.1	295.9	44.5	24.4	36.7	31.5	3.2
87.5°	3.0	3.9	19.2	48.7	74.3	41.3	6.9	7.2	15.7	17.5	1.9
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: P385842
CATALOG NUMBER: GPC-SA1B-830-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5	592.5
2.5°	593.9	593.1	593.2	588.8	586.0	580.2	574.3	571.6	568.8	567.6	568.8
5°	596.9	595.4	591.0	577.5	563.2	544.7	527.3	514.2	497.7	493.1	497.8
7.5°	601.6	598.6	585.8	558.3	526.5	491.1	451.3	422.3	398.6	383.2	388.8
10°	608.6	602.8	577.0	530.4	473.4	410.7	354.2	310.3	279.1	266.3	265.8
12.5°	620.2	609.4	566.3	494.0	408.5	324.9	250.9	203.2	178.0	161.6	161.3
15°	633.0	617.2	552.6	450.3	333.0	232.7	161.6	125.4	109.0	103.8	103.1
17.5°	648.7	626.1	534.9	396.5	254.0	154.2	105.5	95.1	94.4	93.9	93.9
20°	668.4	636.7	512.2	335.0	180.2	103.0	89.7	90.3	90.7	90.0	90.2
22.5°	691.3	647.5	485.0	269.0	121.8	86.1	85.8	86.6	87.0	86.6	86.8
25°	717.9	660.0	452.0	199.7	88.0	81.7	82.6	83.8	84.6	84.6	84.6
27.5°	751.0	675.1	412.2	139.4	76.0	77.2	79.5	81.7	82.9	83.3	83.3
30°	793.9	694.0	364.5	95.6	69.1	71.1	75.5	79.7	81.9	82.2	82.4
32.5°	848.2	715.2	309.3	70.6	63.2	64.7	69.4	76.5	80.7	81.4	81.4
35°	910.4	739.8	249.8	61.5	59.0	59.5	63.2	71.3	78.7	80.6	80.7
37.5°	978.5	764.1	189.9	57.5	55.4	55.4	58.1	65.1	73.8	79.5	80.2
40°	1042.0	778.8	133.1	54.3	52.2	52.2	54.6	59.7	67.9	76.5	78.4
42.5°	1100.7	783.8	92.7	51.2	49.2	49.7	51.7	55.8	62.0	70.6	72.3
45°	1161.0	783.0	67.6	47.7	46.2	47.7	49.2	52.2	56.8	61.7	62.0
47.5°	1206.5	775.9	53.6	44.3	43.3	45.3	46.7	48.7	51.2	50.9	50.9
50°	1249.1	758.7	43.1	39.8	40.4	42.8	43.5	44.2	44.3	41.1	40.8
52.5°	1281.5	731.9	34.5	34.9	37.6	39.9	39.3	38.3	36.6	32.7	32.0
55°	1292.3	680.4	27.1	28.8	33.4	36.4	33.9	31.7	28.5	25.3	24.6
57.5°	1272.7	613.8	22.1	22.4	28.1	30.7	27.8	25.3	21.7	19.0	18.5
60°	1231.3	539.8	18.2	16.9	21.7	23.9	22.1	19.5	16.3	14.3	14.2
62.5°	1149.0	460.9	15.0	13.1	16.5	18.4	17.2	15.3	12.6	11.3	11.1
65°	976.1	368.7	12.1	10.6	12.8	14.3	13.3	12.0	9.9	8.9	8.8
67.5°	681.4	249.3	9.9	8.8	10.1	11.3	10.4	9.8	7.9	7.8	7.9
70°	328.6	120.2	8.3	7.1	7.9	8.8	8.4	7.9	7.6	8.8	10.1
72.5°	94.2	40.3	6.6	5.9	6.4	6.9	7.2	7.1	8.3	10.6	12.3
73°	*72.5*	*32.5*	*6.2*	*5.6*	*6.1*	*6.7*	*7.1*	*6.9*	*8.4*	*10.8*	*12.3*
75°	31.0	15.7	4.7	4.6	5.1	5.9	6.2	6.2	8.4	11.0	11.8
77.5°	14.0	8.4	3.0	3.5	4.4	4.7	5.2	5.2	6.7	8.4	8.4
80°	7.9	4.6	2.4	2.7	3.2	3.2	3.2	2.9	3.0	3.4	3.7
82.5°	5.1	3.0	1.9	2.2	2.0	1.7	1.3	1.3	1.2	1.3	1.7
85°	2.9	1.7	1.7	1.3	0.8	0.7	0.8	0.7	0.2	0.0	0.2
87.5°	1.7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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

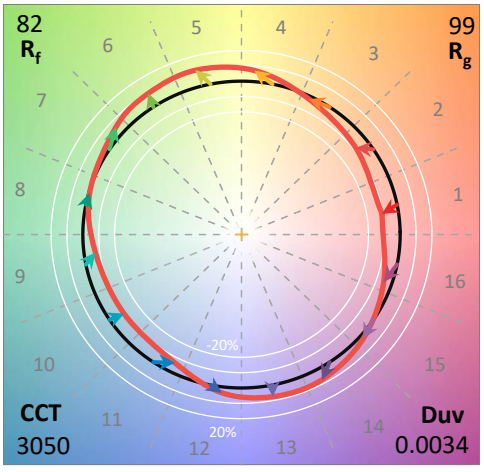
Test Information

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

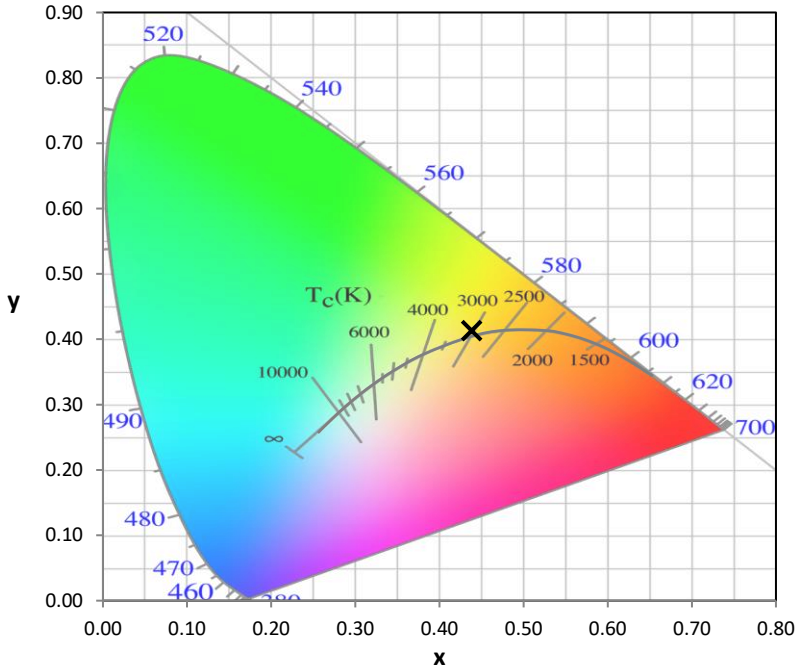
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

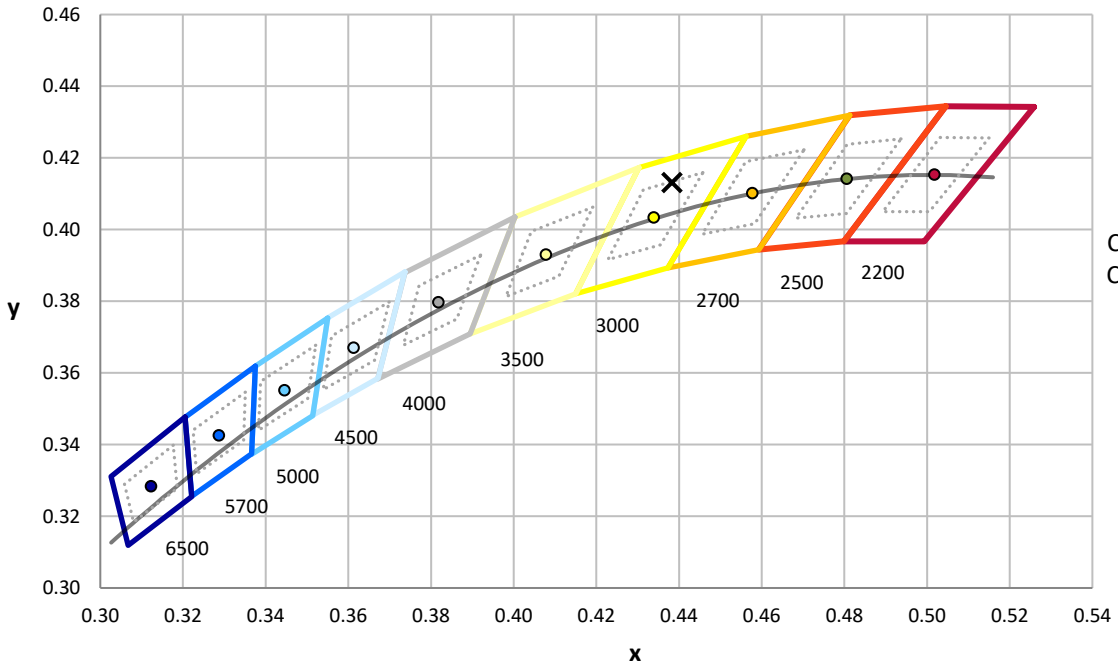
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

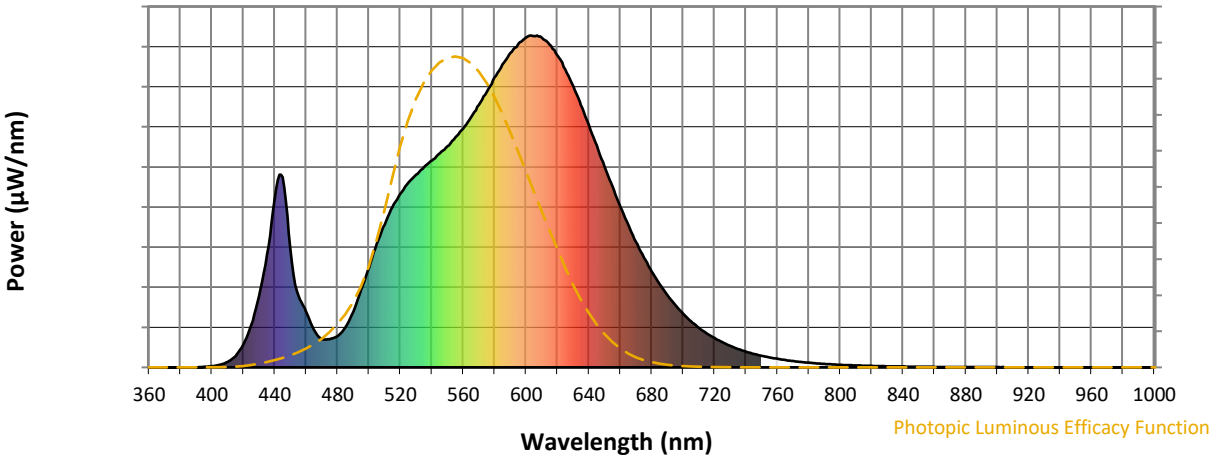


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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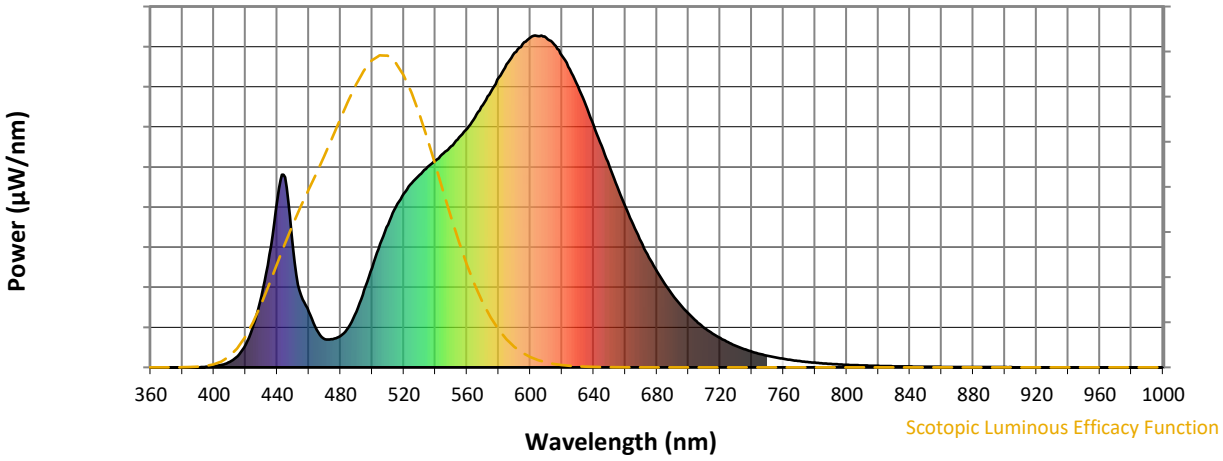
Scotopic Flux vs. Wavelength



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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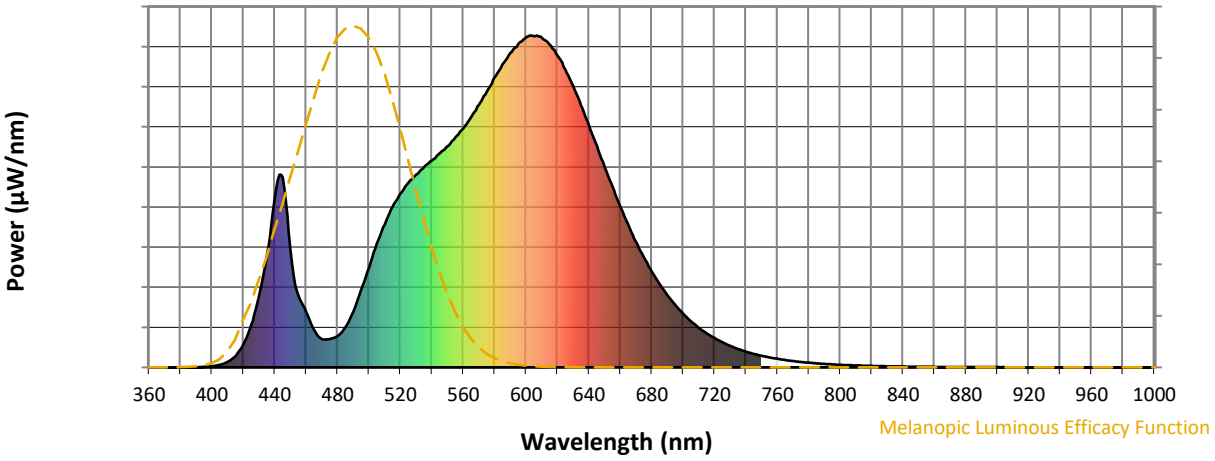
Melanopic Flux vs. Wavelength



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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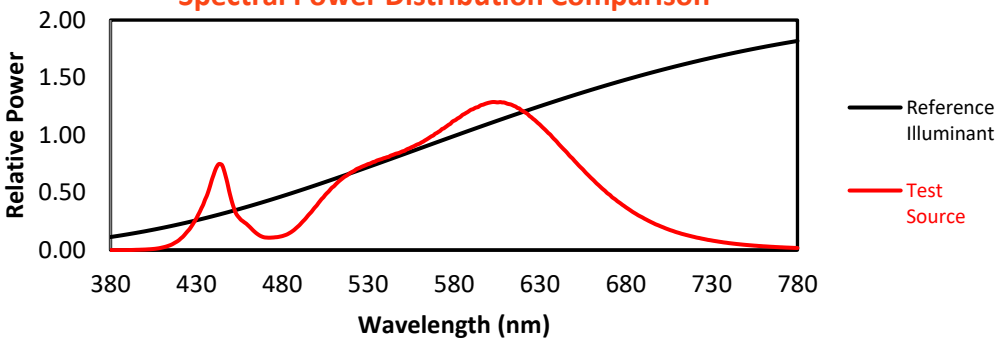
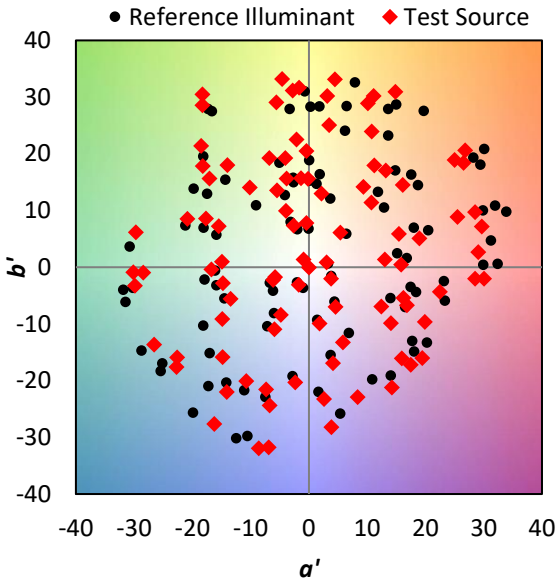
Summary

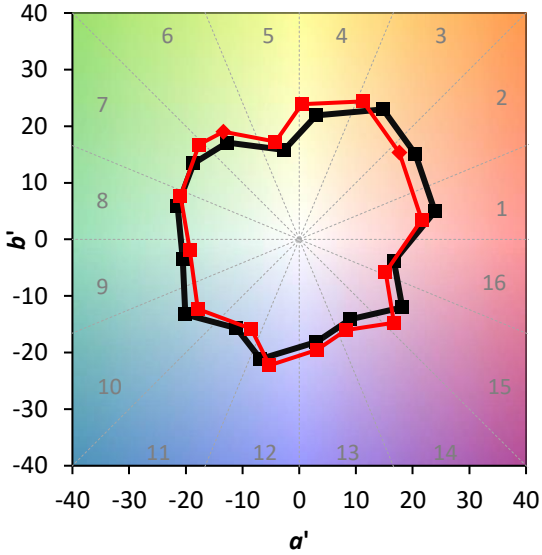
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

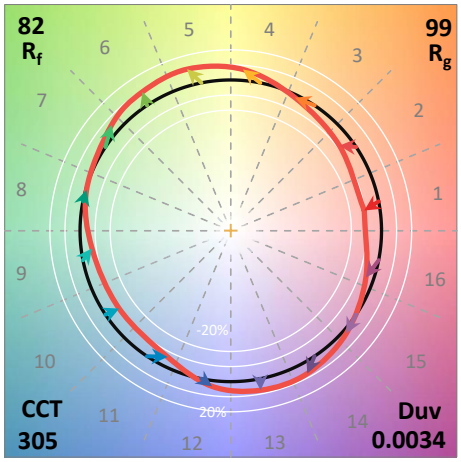
Spectral Power Distribution Comparison

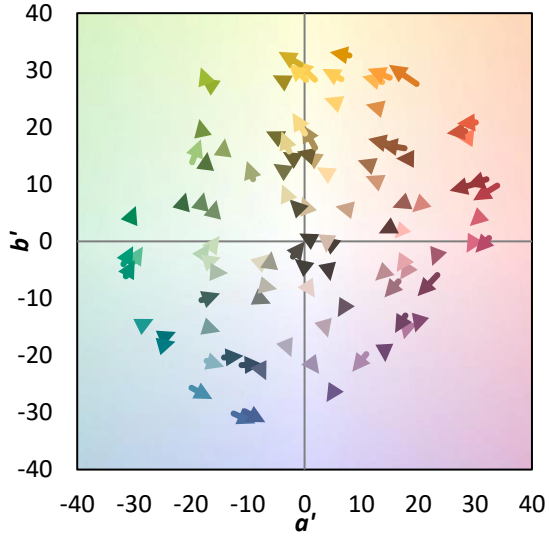


Color Vector Graphics









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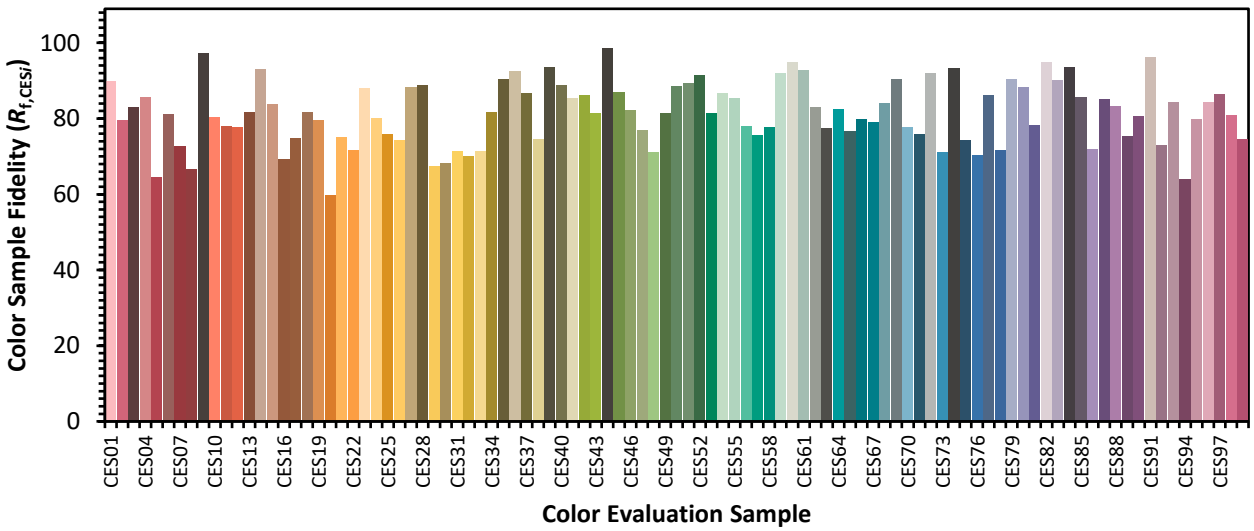
Individual Sample Fidelity Index ($R_{f,i}$)

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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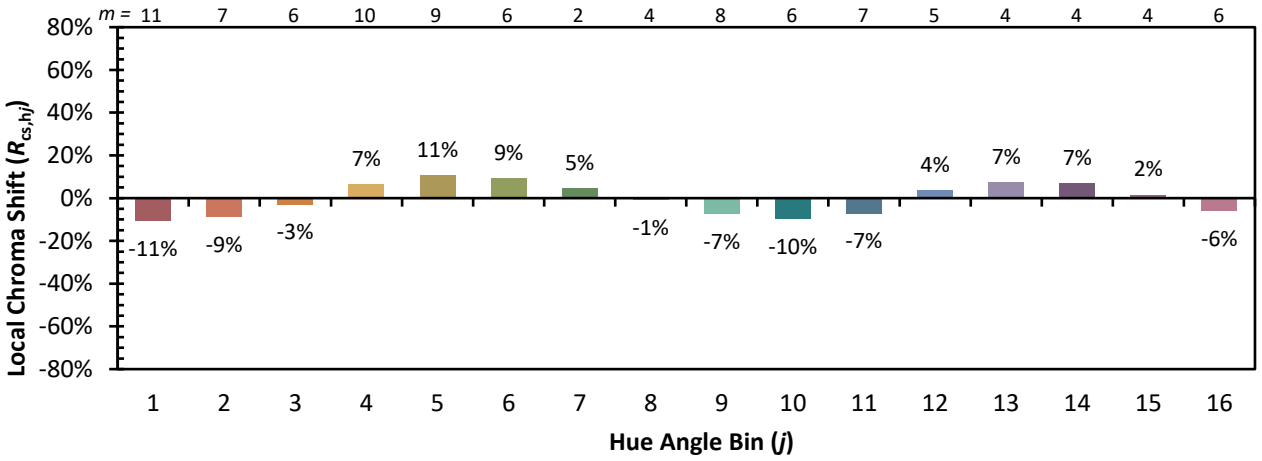
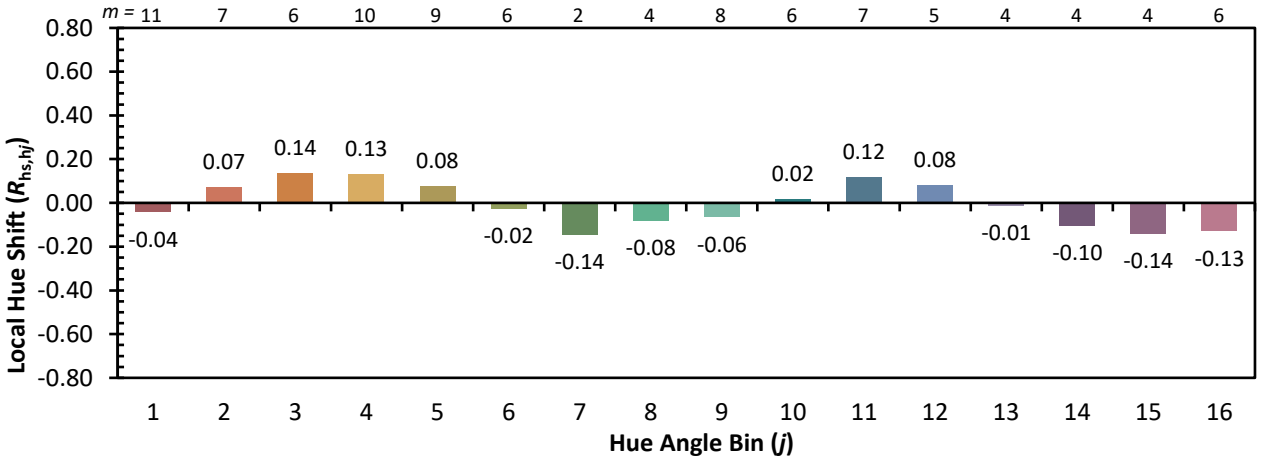
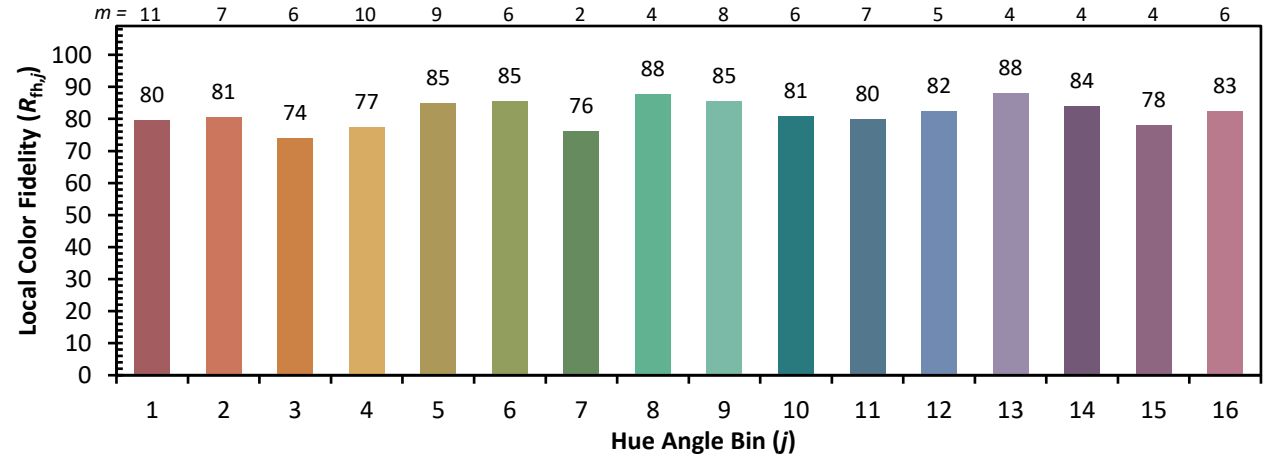
Color Rendition by Hue-Angle Bin







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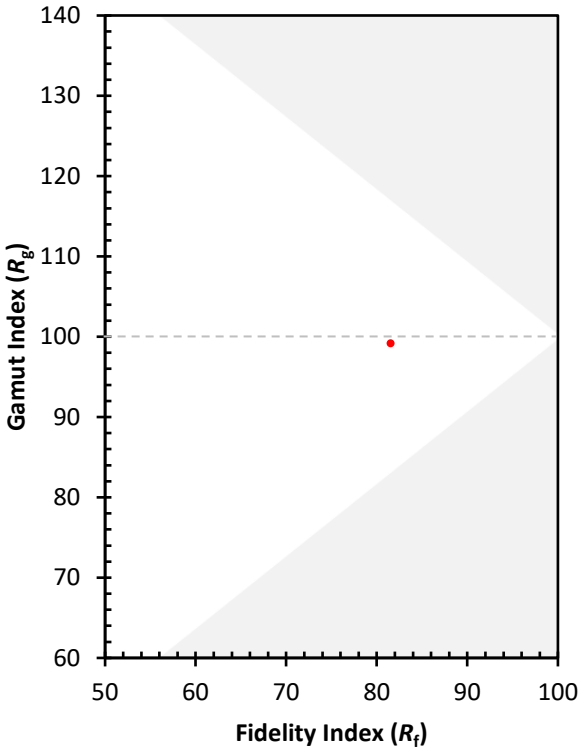
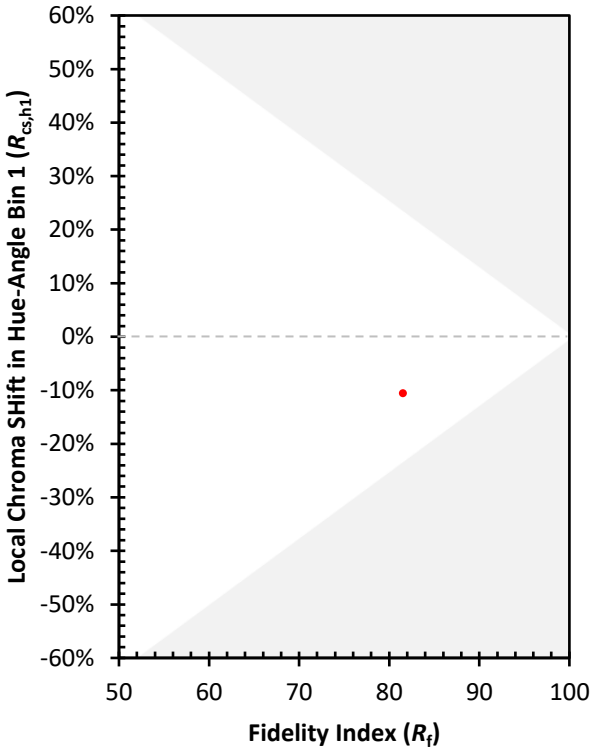
Measure Comparisons





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