Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P629566

Luminaire Tested: GWS-SA1B-830-U-SL3-W-GRSWH

Issue Date: 1/10/2023

Report Generated By 670246102 / DESKTOP-G35701P

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P629566
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-33)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	1/10/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWS-SA1B-830-U-SL3-W-GRSWH
Description:	GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source:	(16) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2384.3 lumens
Efficiency:	N/A
Efficacy:	95.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	25
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	0
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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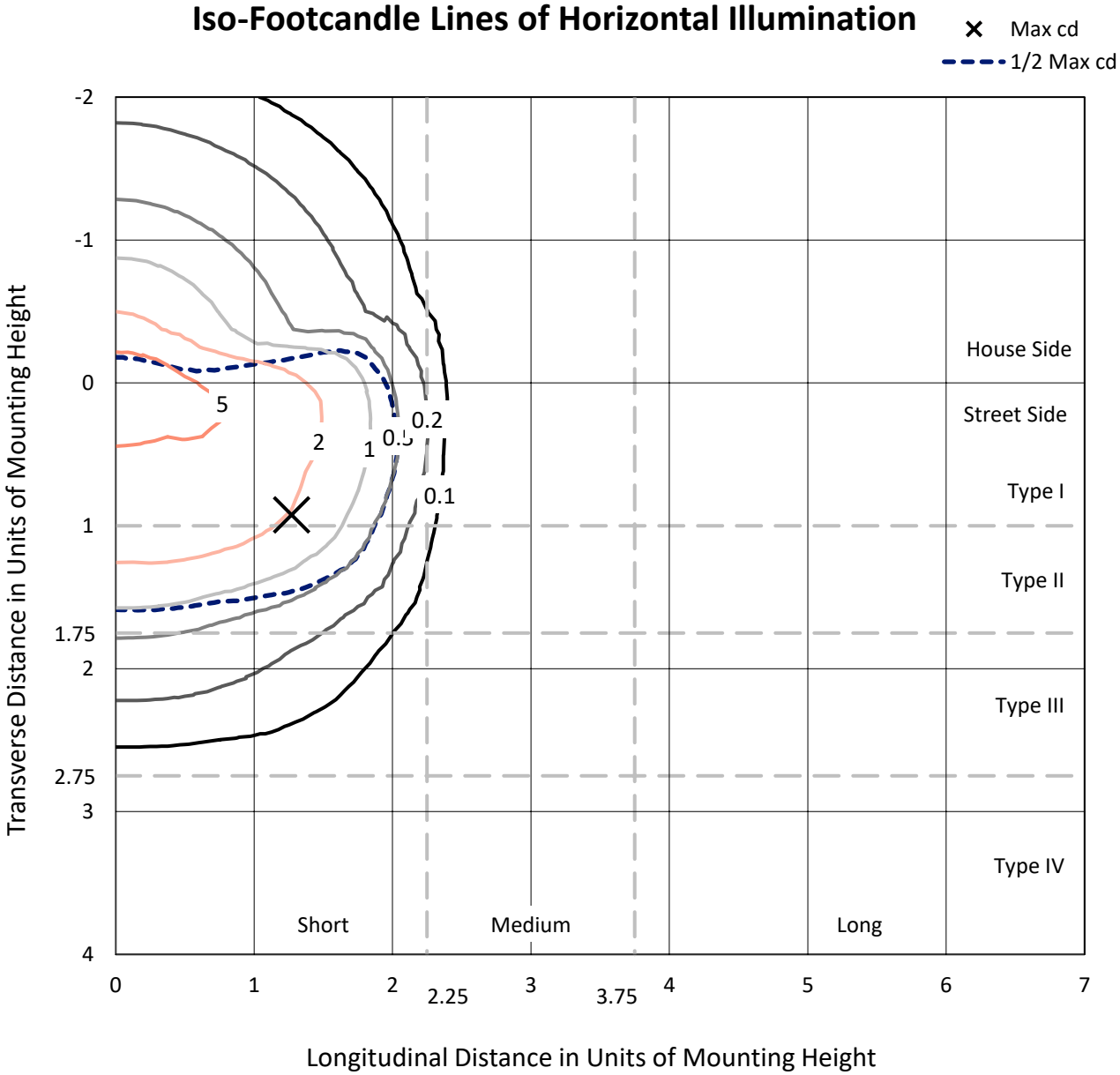
REPORT NUMBER: P629566
CATALOG NUMBER: GWS-SA1B-830-U-SL3-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.2 fc
Type II - Short - N/A

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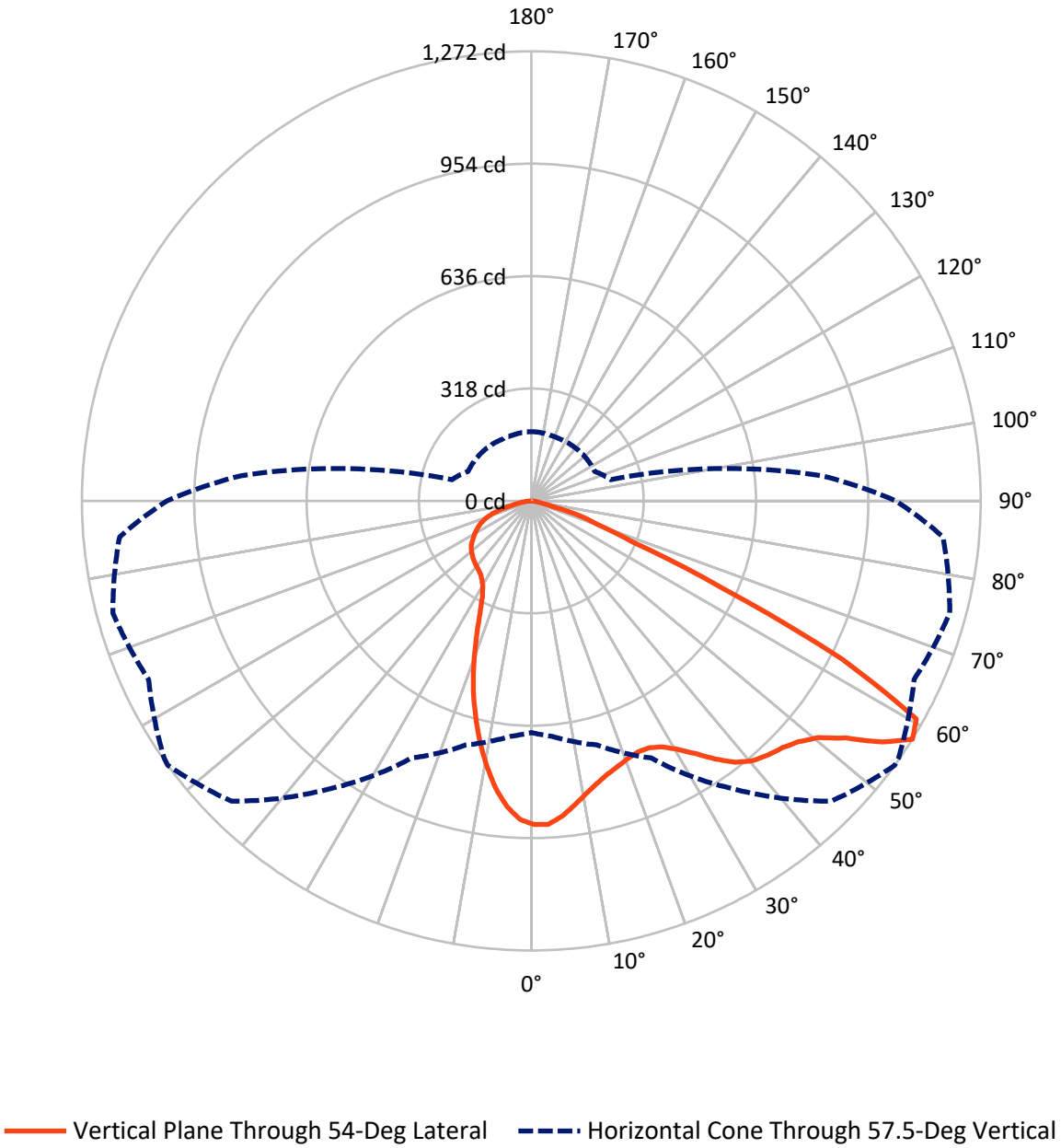
Luminous Intensity Polar Plot



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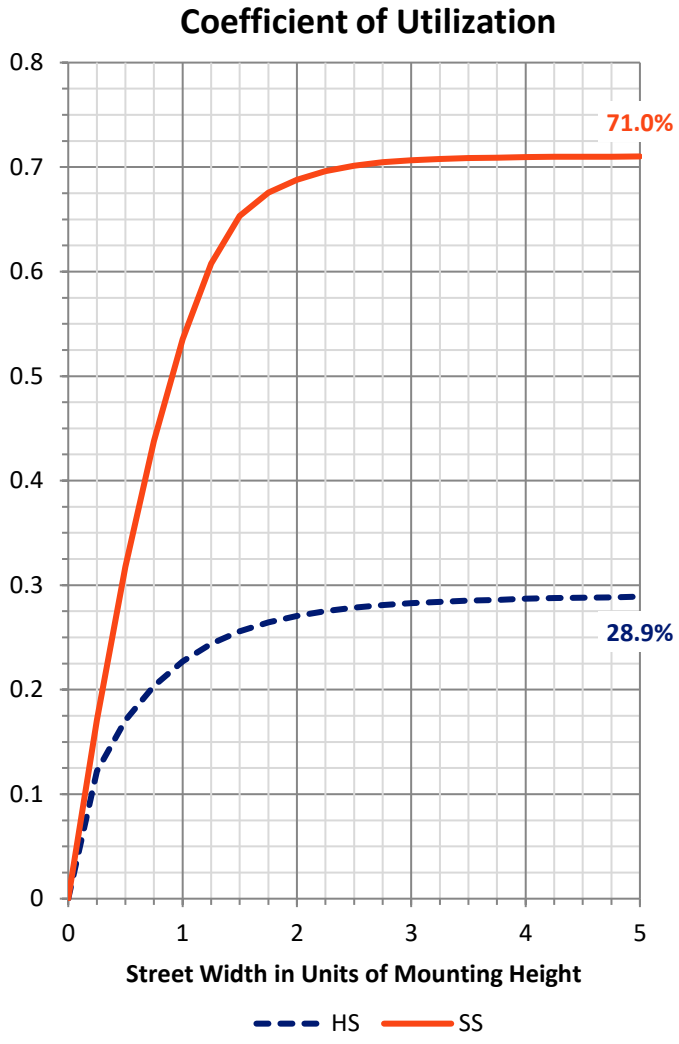
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	693.1	0.0	693.1
	% Fixture	29.1	0.0	29.1
Street Side	Lumens	1691.2	0.0	1691.2
	% Fixture	70.9	0.0	70.9
Total	Lumens	2384.3	0.0	2384.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.5	3.4
10°-20°	192.0	8.1
20°-30°	265.7	11.1
30°-40°	369.2	15.5
40°-50°	487.6	20.4
50°-60°	579.4	24.3
60°-70°	321.0	13.5
70°-80°	79.9	3.4
80°-90°	9.1	0.4
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°	2384.3	100.0
0°-180°	2384.3	100.0



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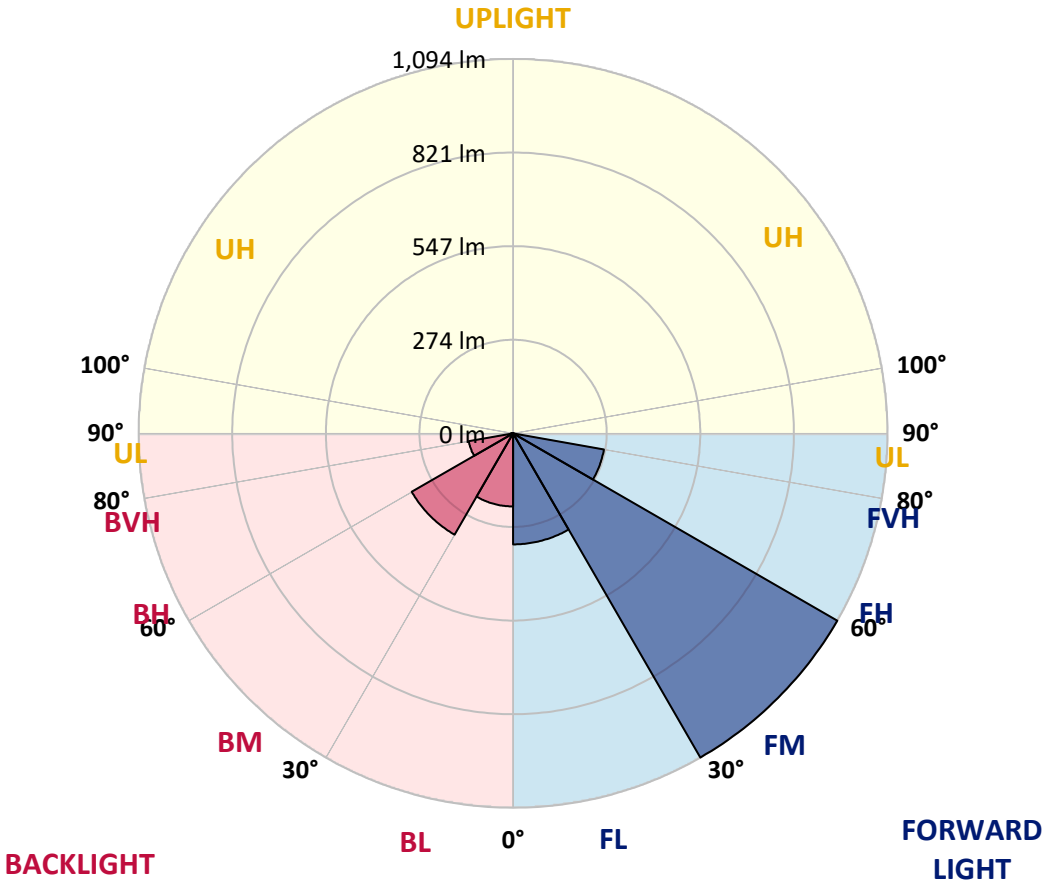
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	324.5	13.6			
FM	(30°-60°)	1094.2	45.9			
FH	(60°-80°)	269.6	11.3			G0/660
FVH	(80°-90°)	2.8	0.1			G0/10
BL	(0°-30°)	213.6	9.0	B1/500		
BM	(30°-60°)	341.9	14.3	B1/1000		
BH	(60°-80°)	131.3	5.5	B1/500		G1/500
BVH	(80°-90°)	6.2	0.3			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 II Short



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REPORT NUMBER: P629566
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4
2.5°	898.2	900.1	901.3	905.6	909.3	912.5	916.0	916.0	915.8	915.2	914.0
5°	862.7	864.8	867.6	873.5	881.5	887.2	896.6	897.4	901.5	903.1	902.3
7.5°	821.5	822.1	825.8	833.5	846.2	856.4	869.9	871.5	881.3	887.0	886.0
10°	776.4	774.4	780.9	792.3	808.8	826.0	843.3	844.8	860.5	871.3	870.5
12.5°	735.2	735.4	741.9	755.8	776.4	797.6	820.9	824.2	843.5	857.4	856.0
15°	700.7	701.5	709.5	725.2	748.6	773.9	802.9	806.0	830.5	848.9	844.8
17.5°	673.1	673.9	680.9	698.8	723.9	754.6	789.9	792.9	823.3	845.2	836.8
20°	654.1	653.7	660.5	677.6	703.5	736.8	778.4	782.9	821.1	846.6	831.5
22.5°	646.4	646.2	651.1	665.2	689.4	723.1	771.5	777.6	823.5	852.9	828.2
25°	650.3	649.4	653.7	664.1	683.5	717.8	773.5	780.1	834.0	866.0	828.8
27.5°	662.3	661.3	665.0	674.3	689.0	723.3	787.8	795.4	856.0	889.9	837.0
30°	680.7	680.1	683.7	692.7	705.6	741.7	815.2	823.7	890.1	927.0	854.8
32.5°	702.1	701.1	707.6	718.0	732.9	775.2	851.9	863.1	930.5	974.8	884.6
35°	726.2	725.4	734.4	749.5	770.9	821.7	896.4	908.7	971.7	1028.9	924.2
37.5°	749.7	749.7	767.0	789.5	816.4	872.3	938.2	946.0	1000.3	1076.8	966.6
40°	770.5	771.7	797.8	831.5	865.8	918.0	965.8	972.3	1012.9	1109.9	1003.6
42.5°	793.5	794.6	825.0	869.1	909.9	955.0	982.5	985.8	1015.4	1126.4	1029.7
45°	811.9	813.3	851.1	898.2	948.2	982.7	995.8	998.7	1018.9	1135.4	1048.7
47.5°	821.5	823.5	866.8	921.7	974.2	1007.6	1017.6	1018.9	1033.2	1151.1	1071.5
50°	819.9	824.0	872.7	933.3	993.4	1032.7	1052.7	1054.8	1062.3	1174.2	1098.3
52.5°	834.4	836.2	885.4	947.2	1020.7	1079.1	1113.8	1116.6	1113.2	1191.5	1114.2
55°	810.3	819.1	869.7	945.2	1062.3	1150.7	1204.2	1202.8	1159.3	1210.9	1140.7
57.5°	655.4	668.2	714.6	802.3	993.8	1200.9	1271.7	1268.3	1195.0	1225.8	1169.5
60°	453.7	455.8	497.6	559.8	767.0	1060.9	1251.9	1259.5	1201.5	1207.0	1116.2
62.5°	362.9	362.3	366.2	367.8	487.8	745.8	988.3	1015.8	998.3	940.5	791.1
65°	309.8	312.1	323.5	317.6	318.4	420.0	590.5	594.3	582.1	561.3	418.4
67.5°	242.5	246.3	266.6	289.6	282.3	270.4	306.4	304.5	240.0	185.7	153.5
70°	151.9	154.3	175.9	227.4	245.7	222.1	197.0	196.1	128.6	105.7	115.9
72.5°	88.6	89.0	95.1	126.7	163.1	151.9	144.9	139.6	82.7	84.3	92.5
75°	48.8	48.8	48.6	54.7	64.3	56.9	55.1	53.7	55.3	62.7	68.8
77.5°	10.2	10.4	11.0	14.5	18.8	22.9	28.8	29.0	36.1	41.8	46.7
80°	4.7	4.9	6.1	7.8	10.0	13.3	17.6	17.8	21.8	26.3	29.6
82.5°	2.4	2.7	3.3	4.1	5.3	6.9	9.8	9.8	13.1	15.5	17.6
85°	0.8	0.8	1.2	1.6	2.2	2.9	3.9	3.9	5.7	7.6	8.8
87.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.8	0.8	1.0	1.2	2.0
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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CATALOG NUMBER: GWS-SA1B-830-U-SL3-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4	915.4
2.5°	911.3	905.0	905.2	906.4	902.5	896.6	892.7	887.8	884.8	884.2	886.4
5°	898.2	890.9	885.8	880.5	869.5	856.4	846.2	837.8	832.3	830.3	827.8
7.5°	880.3	870.7	857.8	842.9	822.9	799.7	783.3	768.0	757.4	754.4	752.9
10°	862.3	848.4	825.6	797.8	764.6	733.1	703.5	680.9	662.9	652.7	656.0
12.5°	843.7	826.6	790.9	748.2	701.9	654.5	615.8	578.2	549.2	534.7	530.5
15°	827.4	804.2	754.4	696.6	635.0	575.4	519.2	462.9	426.2	406.2	400.6
17.5°	813.5	783.3	715.8	643.9	570.3	485.3	416.4	364.1	339.0	328.0	327.2
20°	799.9	762.9	677.6	587.2	495.6	400.4	338.8	314.3	305.3	301.5	301.3
22.5°	787.6	741.5	637.4	530.5	421.3	336.6	302.7	292.1	289.6	289.6	289.2
25°	777.2	720.1	596.2	470.2	354.1	299.6	283.9	279.4	280.4	282.3	282.5
27.5°	772.9	703.3	556.4	408.4	307.8	278.2	271.0	270.4	273.3	276.1	276.6
30°	777.4	691.9	515.6	349.2	280.0	265.1	261.9	263.1	266.6	269.4	269.4
32.5°	791.3	686.2	473.9	305.9	263.9	255.9	254.9	256.1	258.8	260.4	260.6
35°	814.8	688.4	430.9	276.8	253.5	249.2	249.0	249.8	250.8	251.9	252.1
37.5°	844.4	698.4	384.7	259.8	246.8	244.3	243.9	243.7	243.9	243.9	244.1
40°	873.3	713.5	343.5	249.8	242.1	240.0	239.0	237.6	237.4	237.0	236.8
42.5°	894.8	725.2	310.6	242.7	237.8	235.3	234.1	231.9	231.7	231.4	231.2
45°	910.9	735.0	283.3	235.7	233.3	231.0	228.4	226.3	226.8	227.2	227.2
47.5°	929.1	743.5	263.3	229.2	227.8	225.5	222.3	220.8	222.3	223.7	223.7
50°	951.1	755.6	247.0	222.7	222.1	219.4	216.5	215.9	217.6	219.6	219.6
52.5°	967.2	766.0	235.3	216.1	216.1	212.7	210.2	210.0	211.9	213.9	214.1
55°	997.4	790.3	231.2	208.6	207.8	205.1	203.3	201.9	204.1	205.9	205.9
57.5°	*1031.5*	*822.5*	*232.3*	*197.8*	*196.8*	*195.9*	*194.5*	*192.9*	*193.5*	*195.5*	*195.7*
60°	959.3	760.1	221.0	187.0	186.3	185.9	184.1	181.2	182.1	183.7	183.9
62.5°	670.1	505.1	178.8	173.5	175.5	175.3	172.9	169.6	169.8	172.1	172.1
65°	347.8	273.3	157.0	161.2	164.3	163.1	159.0	156.1	155.7	158.6	158.0
67.5°	150.0	149.2	142.9	148.4	151.6	149.0	144.7	140.0	140.4	141.4	140.6
70°	120.8	124.5	127.2	133.1	135.7	130.8	126.1	123.5	121.2	121.0	119.6
72.5°	96.5	101.6	107.6	113.7	114.5	109.6	103.7	101.2	97.8	97.6	96.1
75°	72.7	76.9	81.6	86.5	86.5	81.8	78.0	76.7	72.7	71.4	70.2
77.5°	49.6	52.2	55.9	57.1	58.4	56.5	52.7	50.6	45.9	44.7	43.1
80°	31.2	33.1	35.3	36.1	37.4	35.1	32.0	29.8	26.5	25.5	24.7
82.5°	18.8	20.0	21.4	21.8	22.9	21.2	18.4	16.7	14.9	14.1	13.5
85°	9.6	10.2	11.0	11.2	11.0	9.4	8.4	7.6	6.3	6.1	5.7
87.5°	2.4	2.9	3.1	2.9	2.7	2.0	1.4	1.0	0.4	0.4	0.2
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

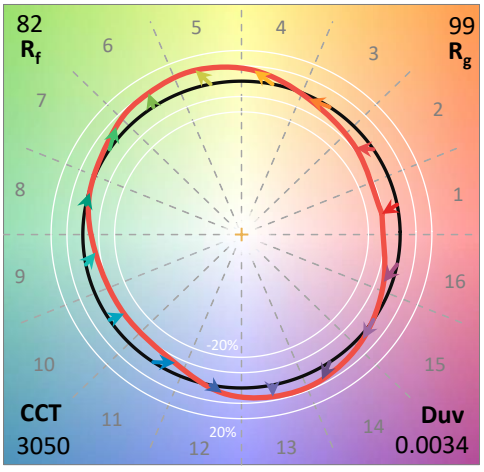
Test Information

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

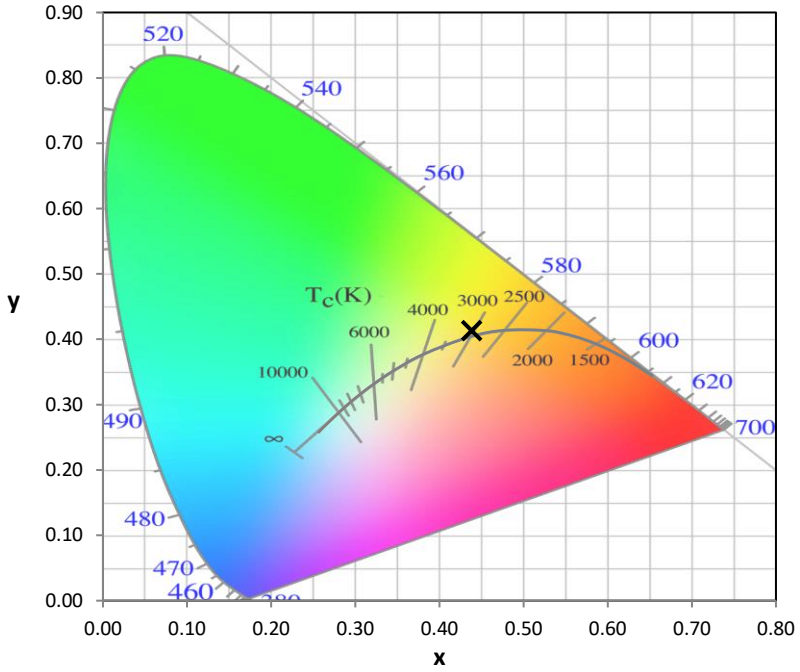
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

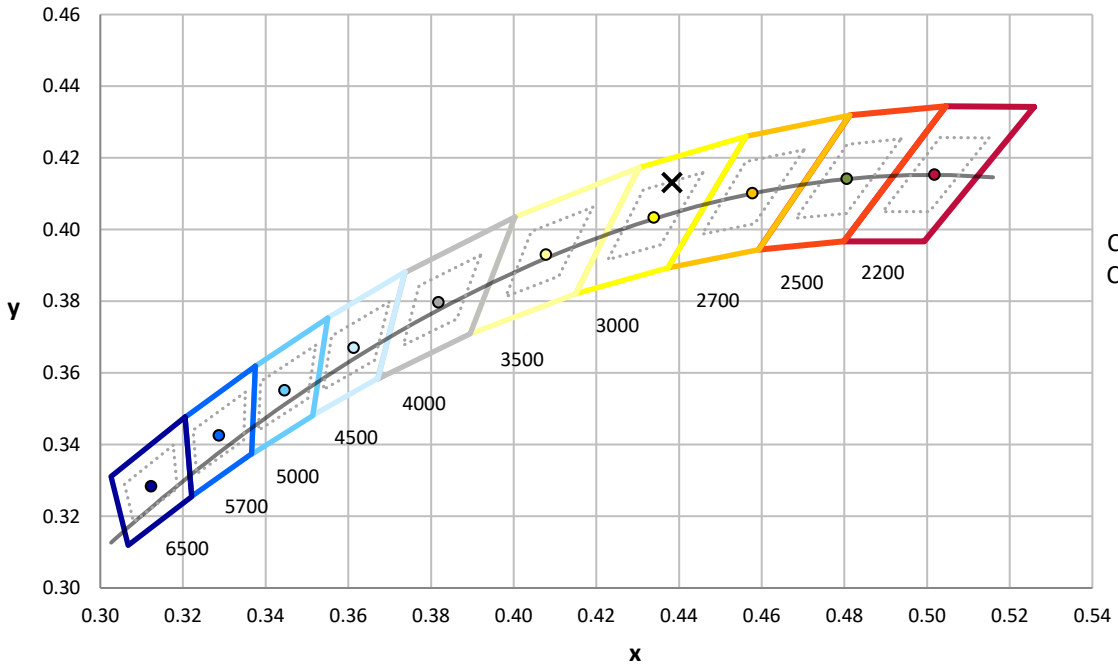
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

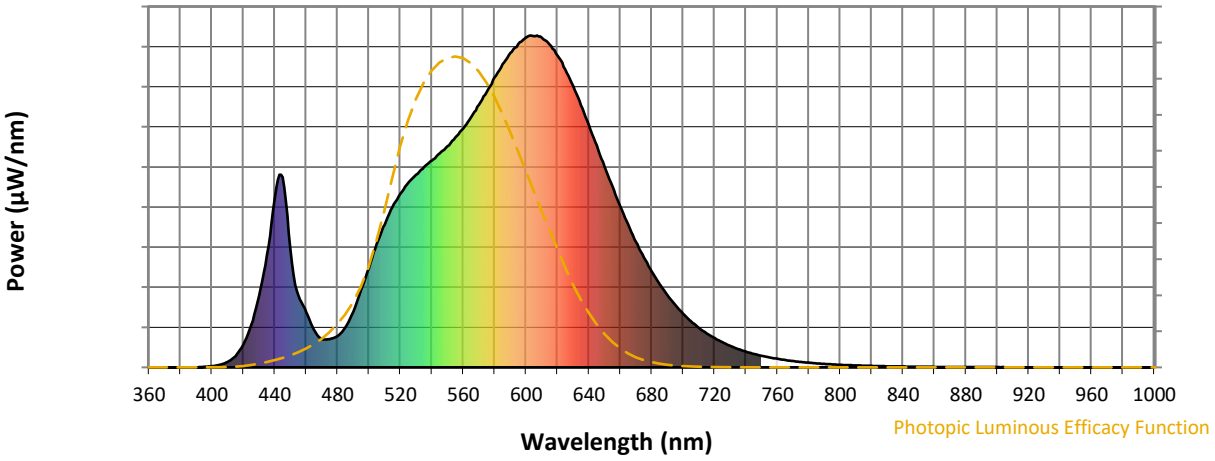


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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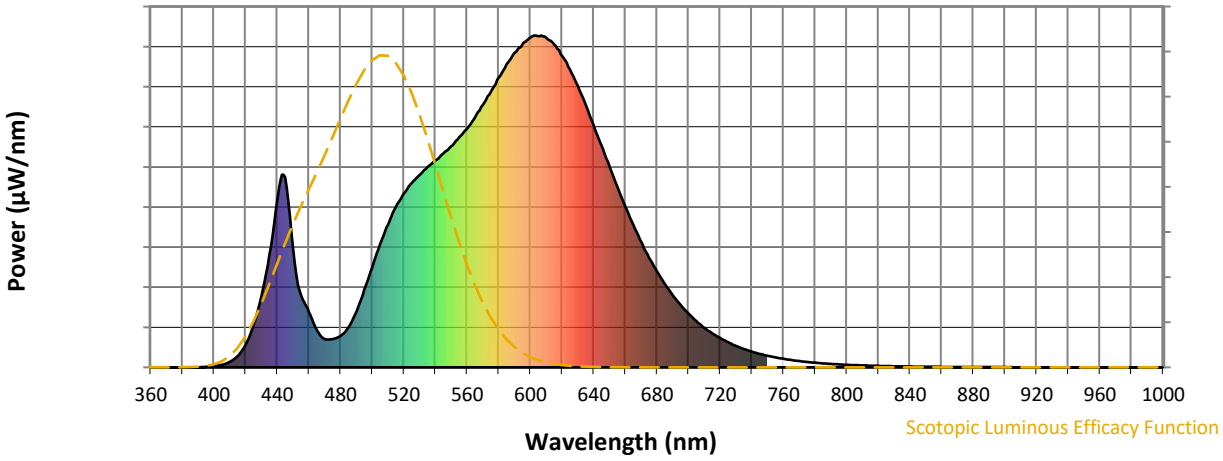
Scotopic Flux vs. Wavelength



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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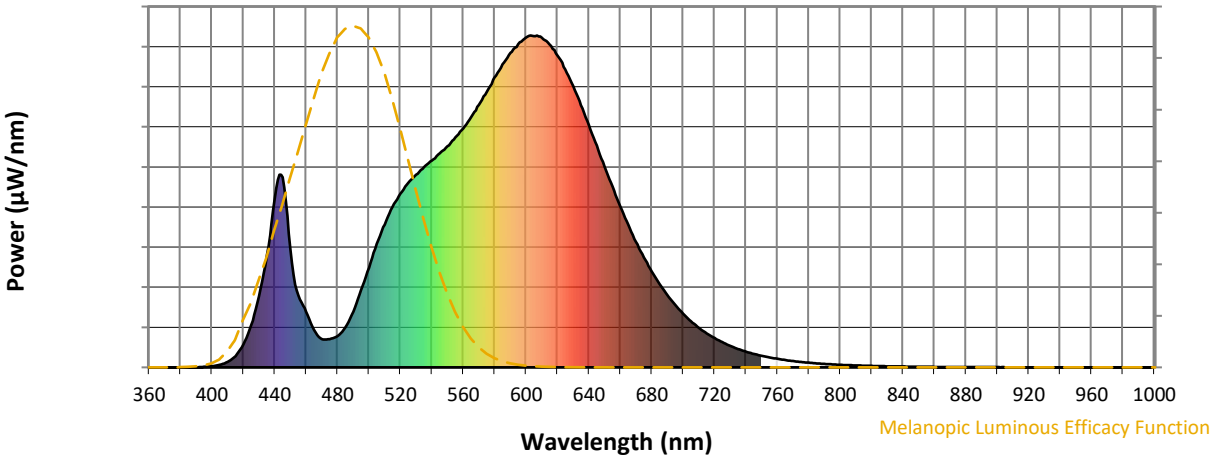
Melanopic Flux vs. Wavelength



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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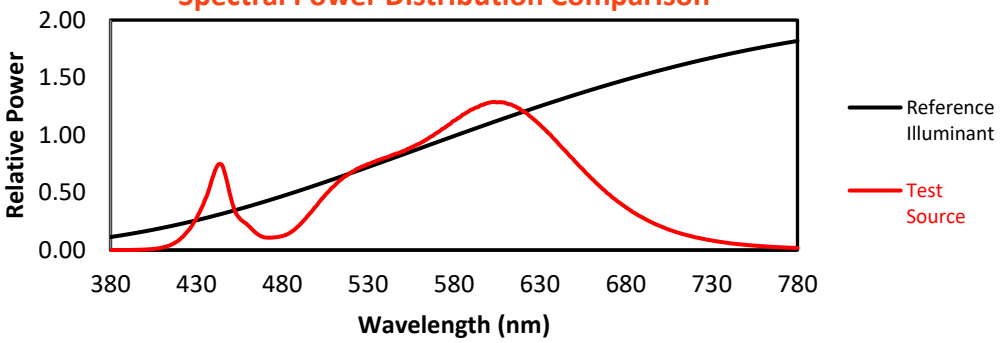
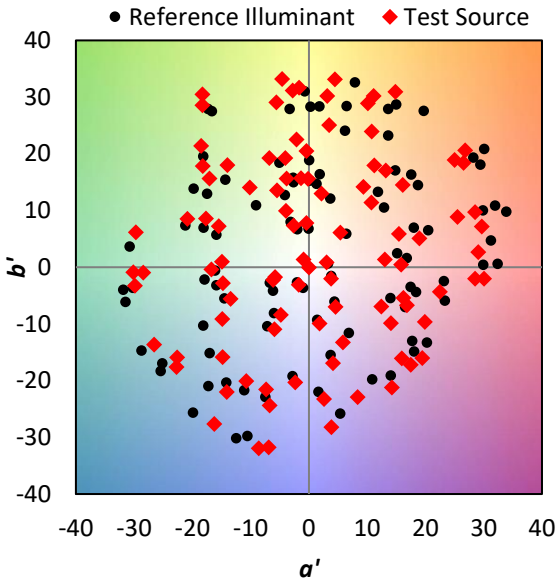
Summary

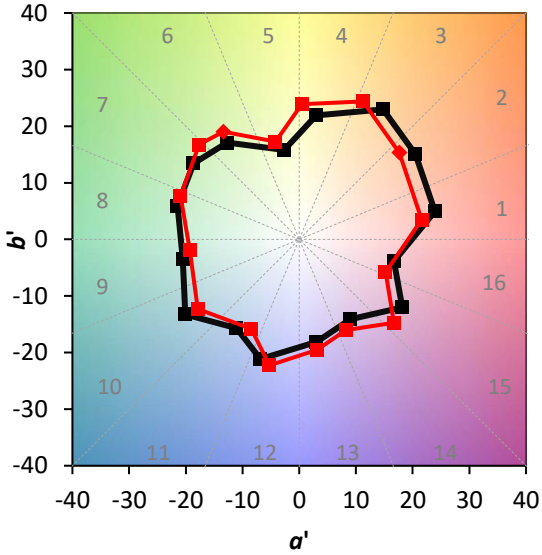
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

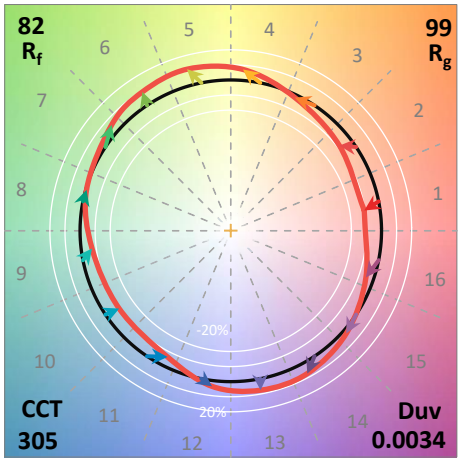
Spectral Power Distribution Comparison

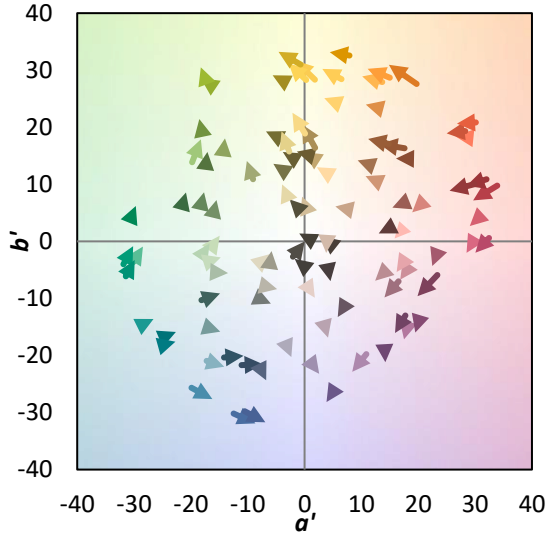


Color Vector Graphics









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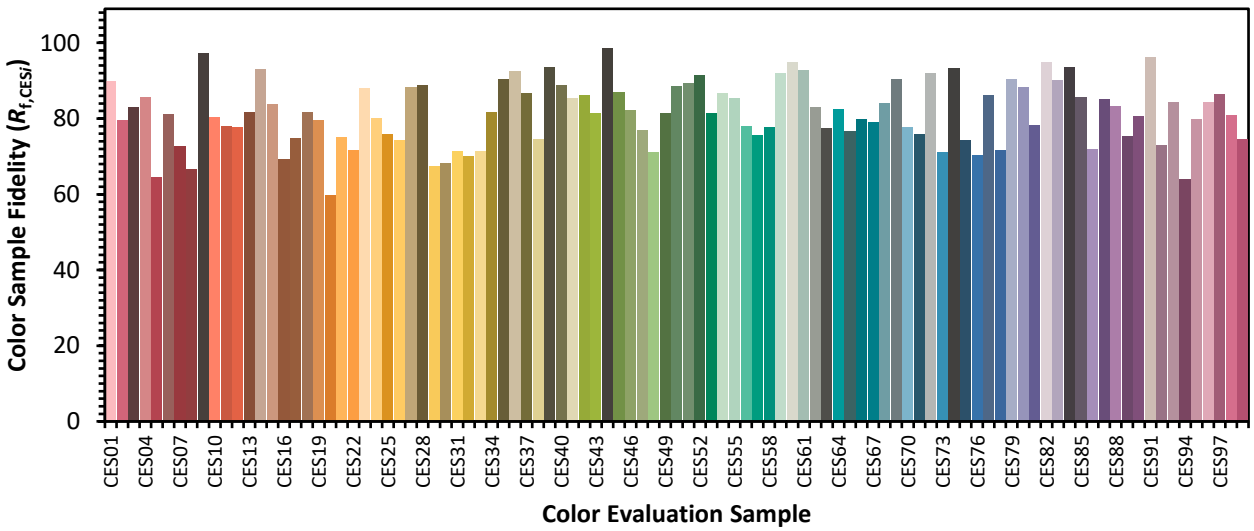
Individual Sample Fidelity Index ($R_{f,i}$)

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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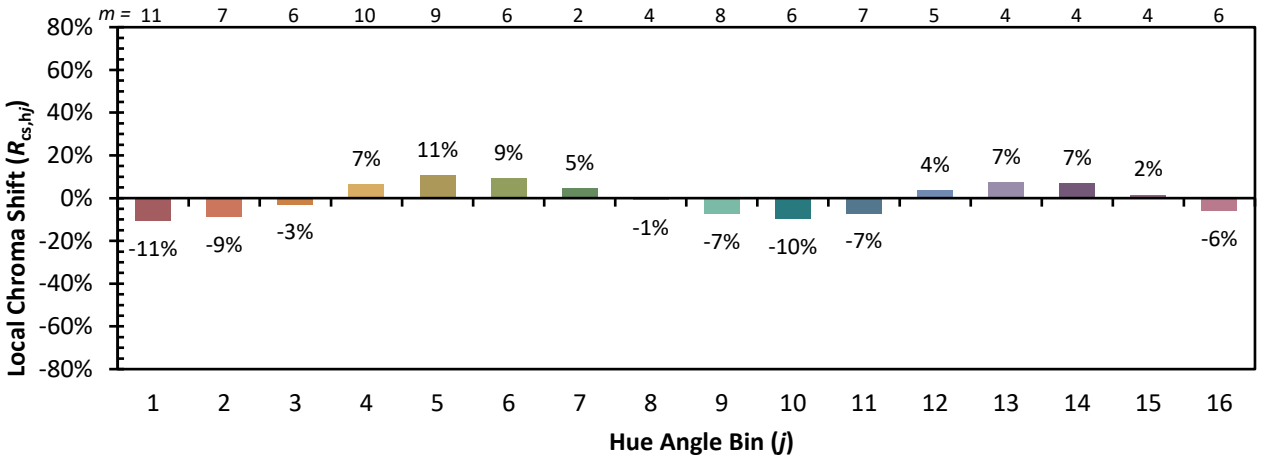
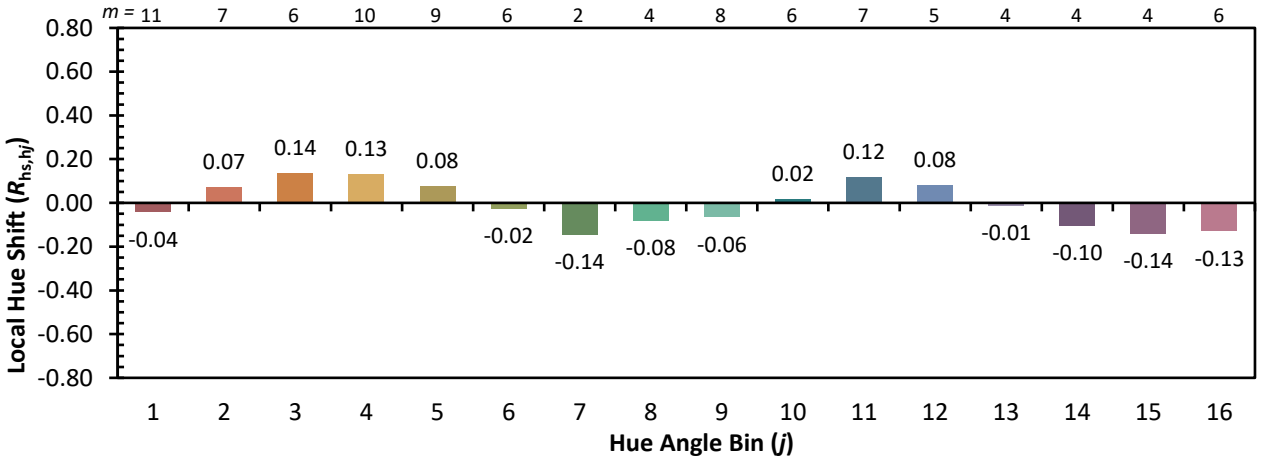
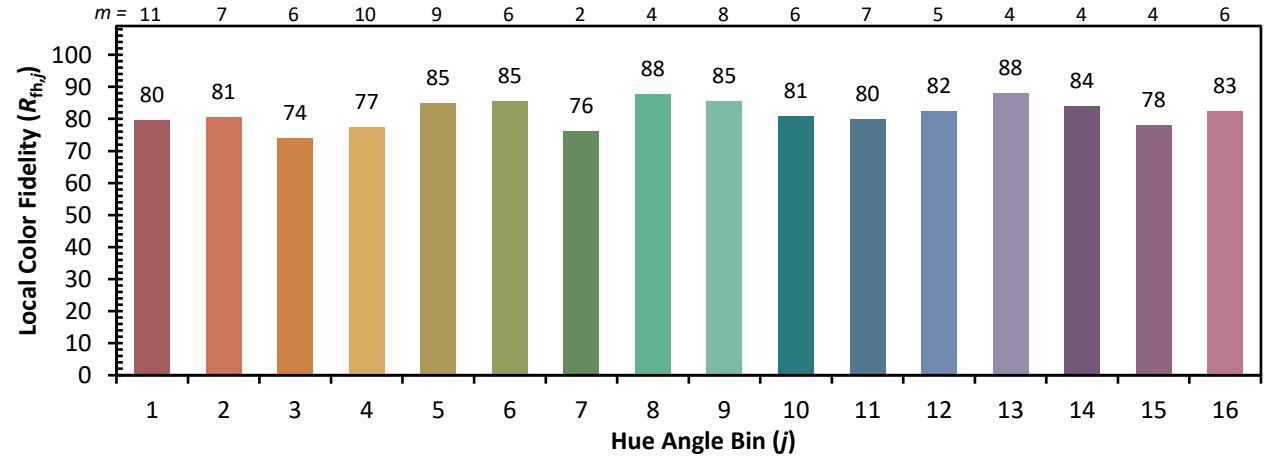
Color Rendition by Hue-Angle Bin







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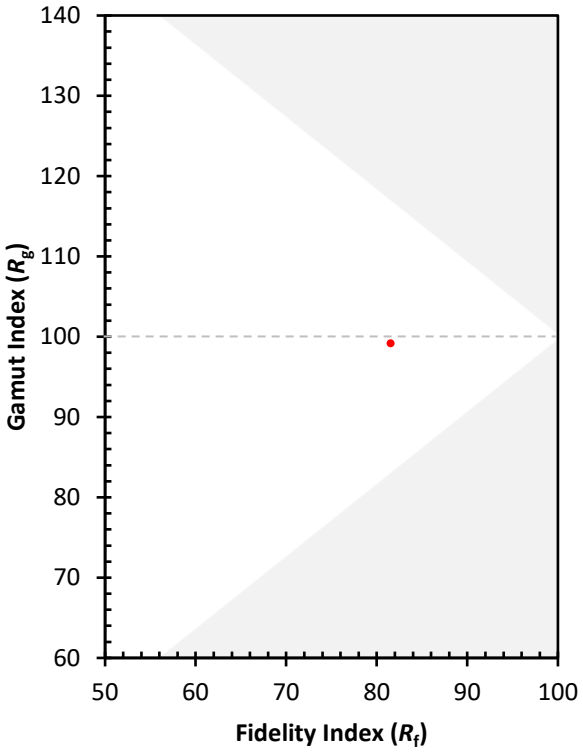
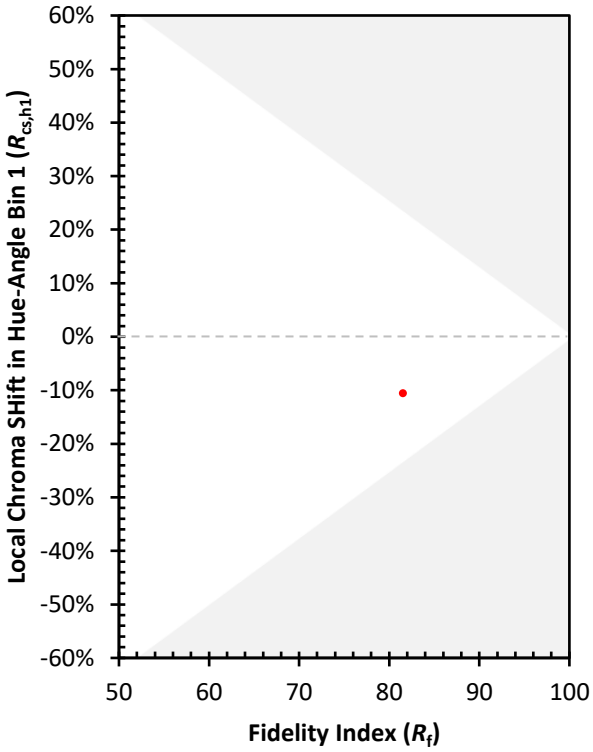
Measure Comparisons





(END OF REPORT)