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: P629560

Luminaire Tested: GWS-SA1B-830-U-RW-W

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:	P629560
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-49)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	1/10/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWS-SA1B-830-U-RW-W
Description:	GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND RECTANGULAR WIDE OPTICS
Light Source:	(16) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2930.9 lumens
Efficiency:	N/A
Efficacy:	117.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

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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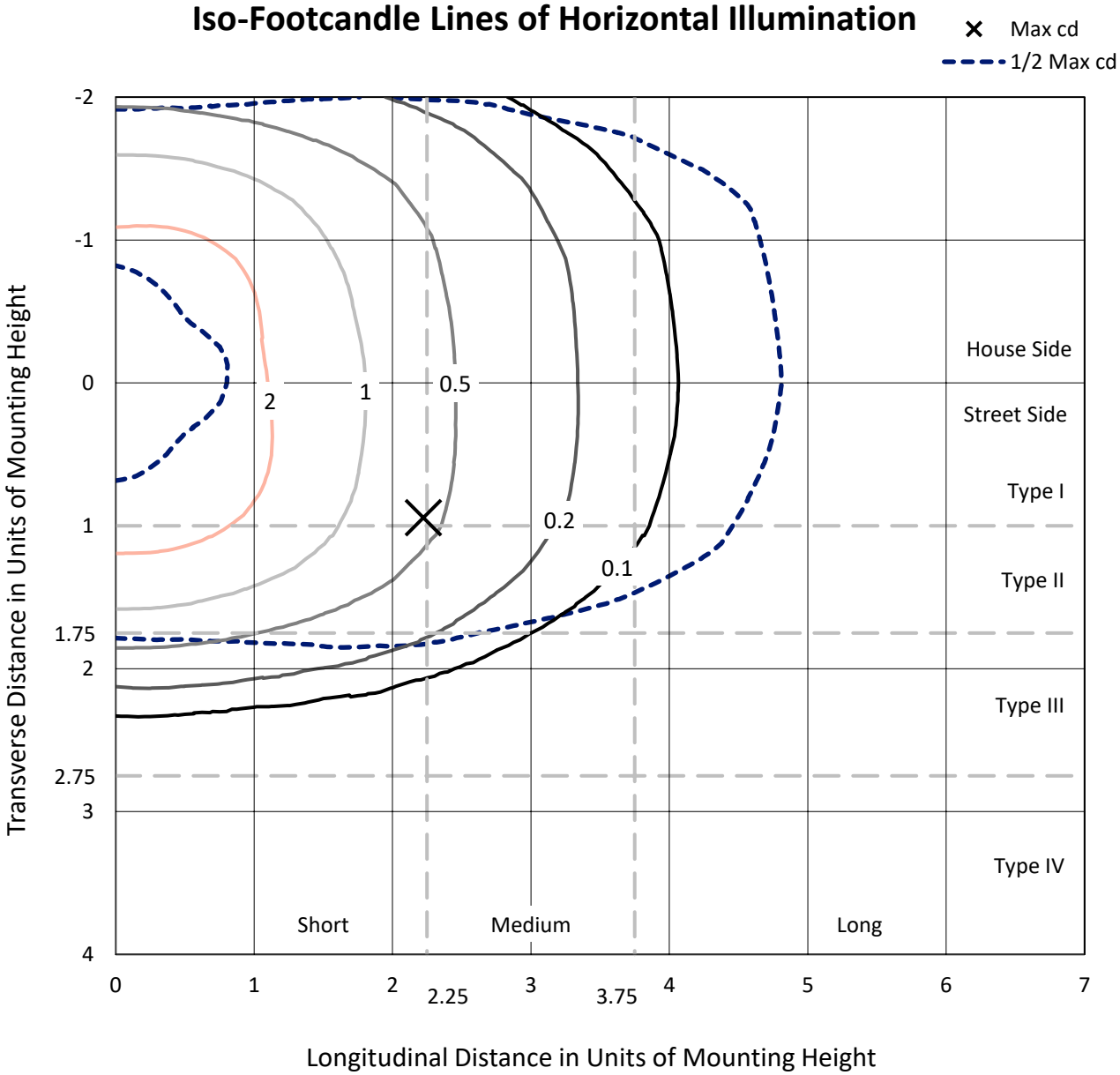
REPORT NUMBER: P629560
CATALOG NUMBER: GWS-SA1B-830-U-RW-W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
Type III - Short - N/A

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REPORT NUMBER: P629560
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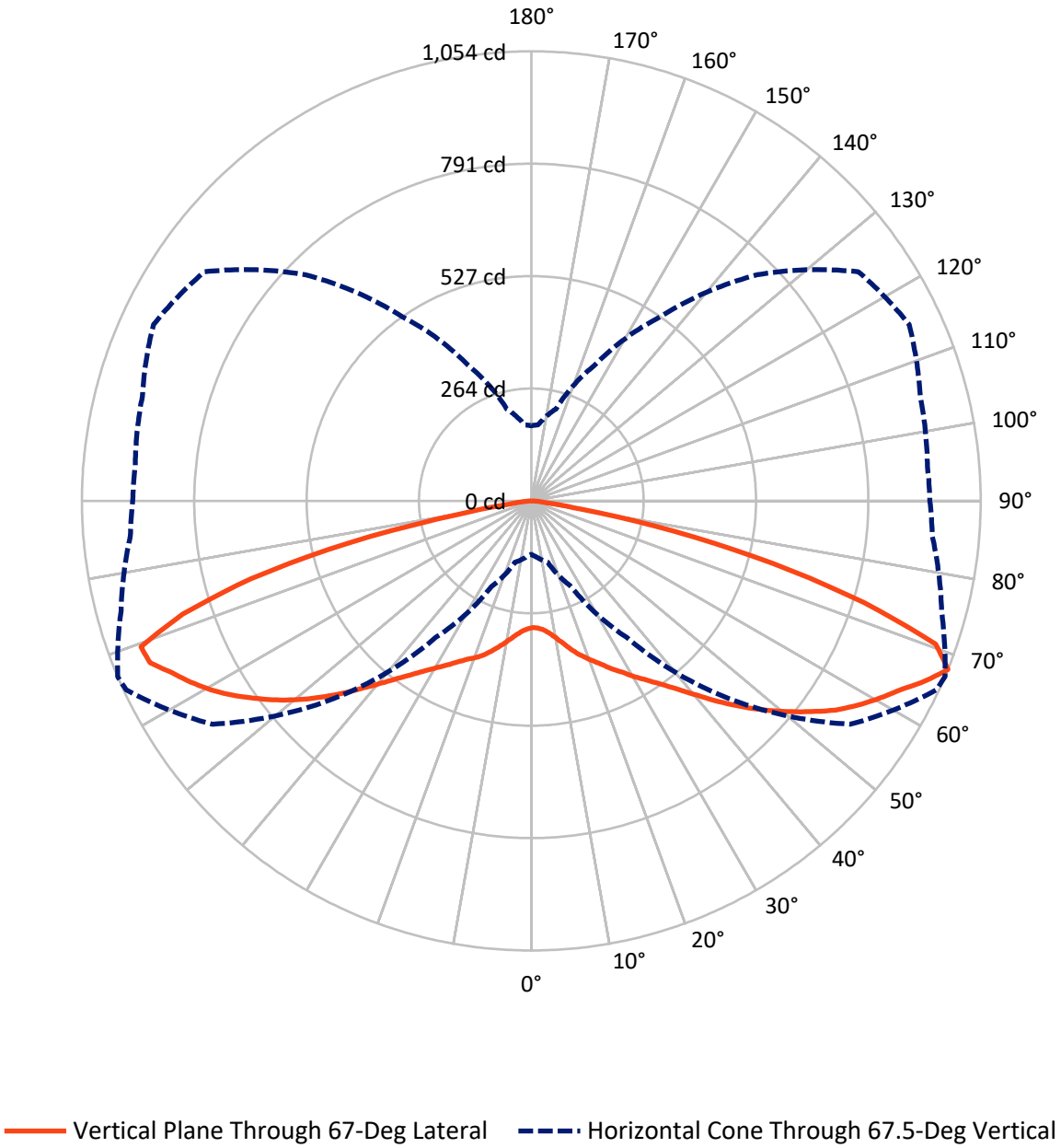
Luminous Intensity Polar Plot



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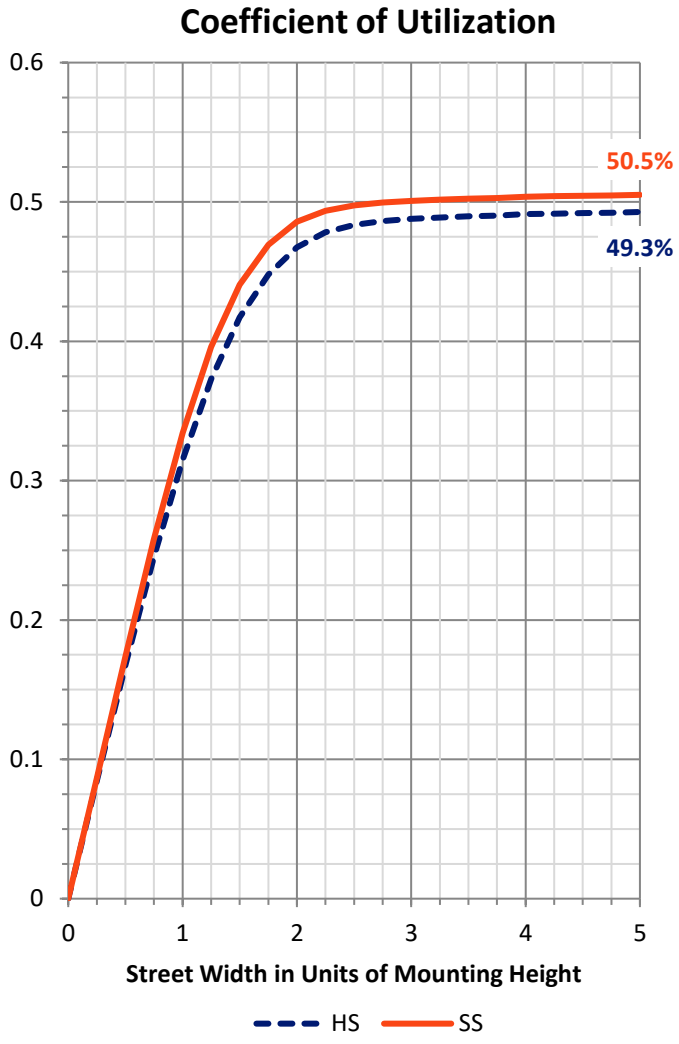
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1449.3	0.0	1449.3
	% Fixture	49.4	0.0	49.4
Street Side	Lumens	1481.6	0.0	1481.6
	% Fixture	50.6	0.0	50.6
Total	Lumens	2930.9	0.0	2930.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	1.0
10°-20°	98.4	3.4
20°-30°	193.0	6.6
30°-40°	328.8	11.2
40°-50°	528.0	18.0
50°-60°	717.4	24.5
60°-70°	686.3	23.4
70°-80°	326.3	11.1
80°-90°	23.6	0.8
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°	2930.9	100.0
0°-180°	2930.9	100.0



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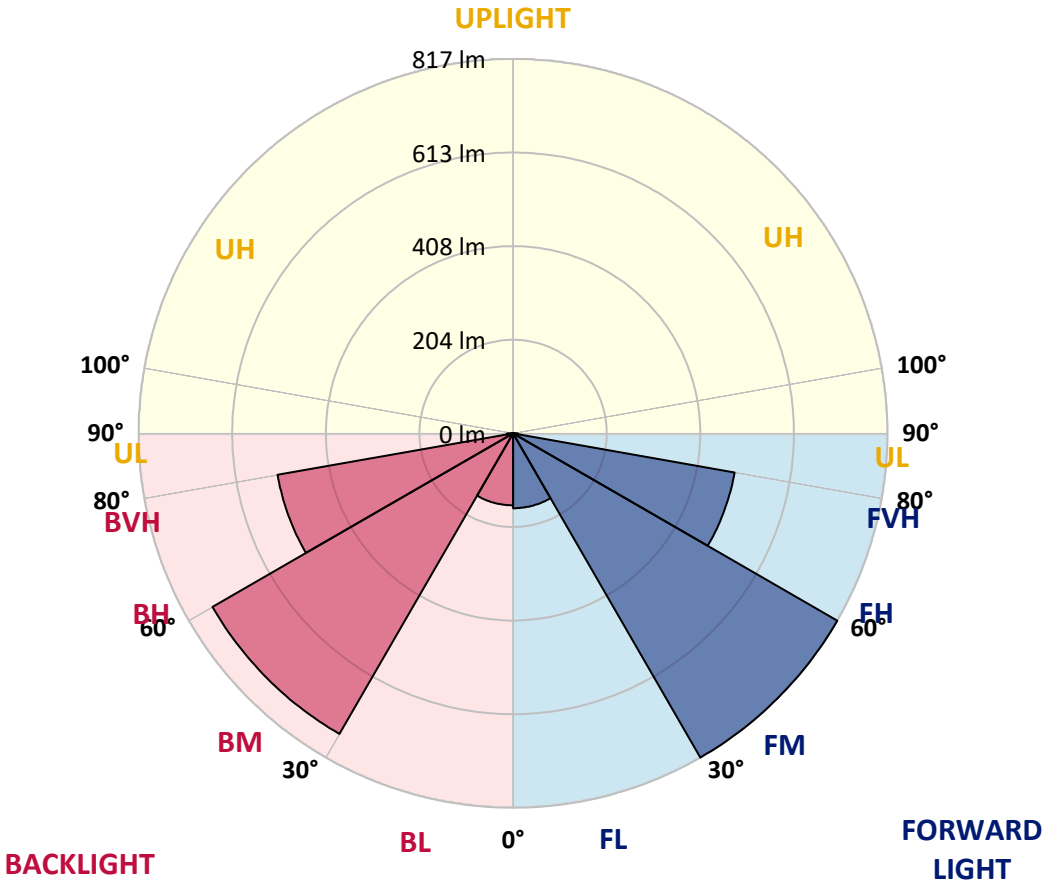
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	163.4	5.6			
FM	(30°-60°)	816.9	27.9			
FH	(60°-80°)	490.7	16.7			G0/660
FVH	(80°-90°)	10.6	0.4			G1/100
BL	(0°-30°)	157.1	5.4	B1/500		
BM	(30°-60°)	757.4	25.8	B1/1000		
BH	(60°-80°)	521.8	17.8	B2/1000		G2/1000
BVH	(80°-90°)	13.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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Scaled Data Report

REPORT NUMBER: P629560
CATALOG NUMBER: GWS-SA1B-830-U-RW-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	296.8	296.8	296.8	296.8	296.8	296.8	296.8	296.8	*296.8*	296.8	296.8
2.5°	290.6	291.1	291.7	292.9	294.1	296.0	297.8	297.6	*298.4*	299.0	299.6
5°	289.0	289.4	290.4	292.1	293.9	297.0	300.9	302.5	*303.7*	306.0	308.0
7.5°	292.5	293.3	294.7	297.0	299.8	303.7	309.0	311.9	*313.7*	317.8	321.3
10°	297.2	298.2	301.1	305.3	309.6	315.5	322.3	326.6	*327.8*	333.1	339.6
12.5°	301.7	302.9	307.6	315.3	323.1	331.1	339.0	344.3	*344.7*	351.9	359.2
15°	308.8	309.8	316.2	326.2	338.0	349.0	358.8	362.5	*364.1*	369.2	378.4
17.5°	324.5	325.8	333.9	344.7	357.2	368.8	378.6	381.7	*381.7*	386.0	393.5
20°	341.5	342.7	353.5	367.4	382.5	394.3	401.9	399.0	*398.0*	399.2	404.5
22.5°	360.5	362.7	373.1	389.2	407.8	422.3	426.2	417.6	*414.7*	411.9	413.1
25°	384.7	387.4	397.6	414.7	432.9	448.2	450.5	437.2	*435.6*	425.6	421.9
27.5°	412.7	414.7	427.4	444.3	461.3	474.1	476.6	460.3	*454.7*	440.9	432.3
30°	448.8	450.7	461.7	478.4	493.1	502.1	505.2	482.7	*478.4*	457.2	443.9
32.5°	488.2	489.0	500.3	516.4	529.5	538.0	533.7	507.6	*501.3*	477.4	459.2
35°	533.3	533.3	547.8	560.9	571.3	573.7	565.6	535.8	*528.4*	502.5	479.9
37.5°	577.6	578.8	592.3	607.8	617.0	616.6	601.7	569.0	*560.7*	532.5	507.4
40°	625.6	628.2	641.7	659.1	667.8	666.6	643.7	607.4	*598.8*	565.6	541.1
42.5°	669.7	674.0	689.7	707.4	717.0	716.2	692.3	651.5	*643.1*	605.6	581.1
45°	704.8	709.3	728.9	753.6	768.9	767.4	743.4	697.2	*687.0*	647.6	620.7
47.5°	735.6	740.3	762.1	788.3	812.5	815.0	793.0	743.4	*732.5*	692.7	662.3
50°	759.3	761.5	786.0	814.6	842.8	856.4	837.2	789.7	*776.6*	737.2	702.9
52.5°	757.4	760.5	790.7	829.5	867.2	889.7	876.4	833.4	*820.7*	777.8	744.4
55°	720.1	723.1	759.1	815.6	880.9	914.0	912.6	875.0	*865.8*	819.3	787.4
57.5°	665.6	672.3	708.0	769.1	863.0	933.4	939.1	913.0	*903.4*	859.9	830.1
60°	568.0	577.0	618.2	697.4	805.4	926.8	967.5	945.0	*939.1*	897.7	868.7
62.5°	412.7	419.2	474.1	578.0	720.1	880.3	991.3	978.1	*973.6*	931.5	903.6
65°	247.2	262.1	306.2	408.8	580.9	792.5	978.3	1021.3	*1016.7*	966.4	933.4
67.5°	*125.1*	*131.9*	*149.2*	*221.7*	*390.7*	*655.8*	*912.8*	*1048.3*	*1054.0*	*996.2*	*944.0*
70°	77.6	79.4	84.3	109.4	195.1	430.9	746.4	978.1	*1006.0*	991.5	916.4
72.5°	62.3	62.7	63.5	68.2	93.7	201.5	471.9	766.0	*816.4*	926.0	877.0
75°	51.6	51.8	52.0	53.5	58.4	82.3	229.6	526.4	*585.4*	787.0	813.2
77.5°	41.4	40.4	41.2	41.8	43.1	45.9	79.2	280.8	*340.7*	516.6	628.9
80°	26.9	26.5	28.2	28.8	30.0	31.8	42.2	95.3	*115.7*	188.0	200.0
82.5°	14.5	13.7	17.1	16.5	17.1	18.6	24.9	34.9	*39.2*	56.7	48.0
85°	4.5	4.5	4.7	5.5	6.7	6.5	10.8	17.1	*19.0*	24.3	18.0
87.5°	0.8	0.8	0.8	0.8	0.8	1.0	2.2	3.5	*4.7*	8.4	6.3
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: P629560
CATALOG NUMBER: GWS-SA1B-830-U-RW-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	296.8	296.8	296.8	296.8	296.8	296.8	296.8	296.8	296.8	296.8	296.8
2.5°	300.9	299.0	300.0	300.6	300.4	300.0	298.0	297.6	296.6	294.9	294.5
5°	309.8	307.8	308.0	307.4	305.3	302.7	298.2	296.0	294.1	292.1	291.9
7.5°	323.9	321.7	321.1	318.2	312.5	306.4	299.2	295.1	292.1	289.4	289.0
10°	341.9	339.6	337.6	330.9	321.5	313.3	303.9	298.0	293.5	290.2	289.6
12.5°	361.9	360.0	354.9	345.1	333.9	324.3	314.7	307.4	300.9	296.0	295.3
15°	384.1	380.0	372.3	359.6	349.0	341.3	329.6	319.6	309.2	302.7	301.3
17.5°	399.6	396.2	387.0	374.7	366.4	359.6	346.0	331.7	317.6	308.0	306.0
20°	410.7	407.0	396.6	387.6	384.9	379.2	363.3	346.8	330.4	318.6	316.0
22.5°	418.6	414.7	404.1	399.6	403.3	402.3	386.8	368.0	348.6	334.5	331.3
25°	426.2	422.5	413.1	414.7	424.5	427.6	410.9	389.0	367.0	350.4	346.6
27.5°	433.3	428.6	424.3	433.3	447.2	452.9	435.2	410.5	386.6	369.6	366.6
30°	444.3	438.8	438.2	451.3	473.3	478.2	458.6	433.9	410.3	393.1	389.2
32.5°	458.2	453.1	453.5	473.1	498.6	502.7	486.0	462.9	439.2	422.1	416.8
35°	477.0	470.7	474.1	498.2	523.9	531.5	518.0	498.8	475.8	458.2	452.3
37.5°	502.9	493.7	500.9	526.2	552.1	563.3	552.9	538.6	515.8	498.0	492.5
40°	536.0	528.4	531.3	559.3	586.0	599.5	592.9	578.8	556.2	537.6	531.3
42.5°	575.2	567.6	566.6	596.4	623.1	643.5	637.2	624.4	600.9	579.7	573.5
45°	613.5	606.6	608.0	638.4	668.4	690.7	684.4	669.3	643.7	619.3	614.4
47.5°	653.5	647.8	649.1	681.3	714.4	736.6	728.7	710.3	680.5	654.4	648.4
50°	694.6	688.0	689.9	723.8	759.5	780.5	768.3	741.1	708.2	682.7	677.6
52.5°	735.4	727.6	732.3	764.4	801.3	818.1	795.4	762.5	730.7	705.4	699.7
55°	782.3	774.2	769.1	803.4	839.9	846.8	815.8	777.4	739.7	710.9	707.4
57.5°	825.2	818.3	808.7	843.0	869.9	864.8	831.5	773.4	717.8	680.9	676.0
60°	863.6	857.7	849.3	878.5	890.7	879.3	818.9	725.0	664.0	625.4	623.1
62.5°	898.9	892.6	884.8	909.7	908.1	881.5	761.3	650.7	569.0	527.6	523.9
65°	926.8	921.1	918.9	938.5	935.8	837.7	671.7	529.0	415.8	369.0	367.6
67.5°	*934.8*	*932.6*	*944.6*	*977.9*	*936.4*	*749.5*	*526.8*	*350.9*	*223.3*	*179.0*	*176.3*
70°	905.0	904.8	939.3	986.9	851.5	572.5	310.9	158.2	112.3	99.6	98.0
72.5°	866.2	865.6	893.0	851.3	631.5	313.3	130.8	84.7	70.2	66.7	66.7
75°	802.5	800.9	821.5	647.6	355.1	118.0	69.4	58.2	55.1	54.5	54.5
77.5°	654.2	640.5	608.0	400.3	123.9	58.0	45.9	45.7	43.9	43.7	43.7
80°	215.1	215.1	250.0	152.7	54.7	35.7	32.5	34.1	32.2	31.0	30.8
82.5°	35.1	48.4	68.8	43.7	29.6	22.2	20.0	21.2	22.2	17.8	17.8
85°	13.9	18.2	26.5	20.4	13.7	9.0	9.6	10.6	9.4	8.2	8.0
87.5°	5.3	6.5	9.4	4.9	2.9	1.6	1.0	1.0	0.8	0.8	0.8
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

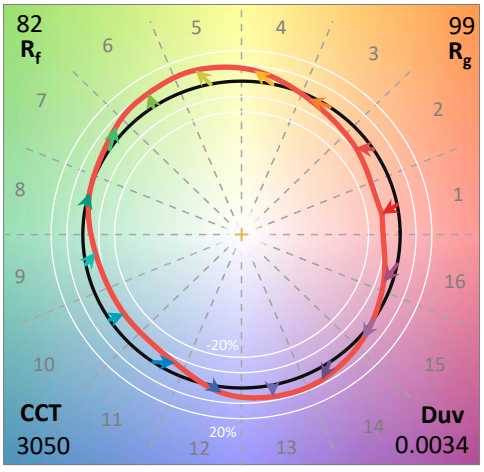
Test Information

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

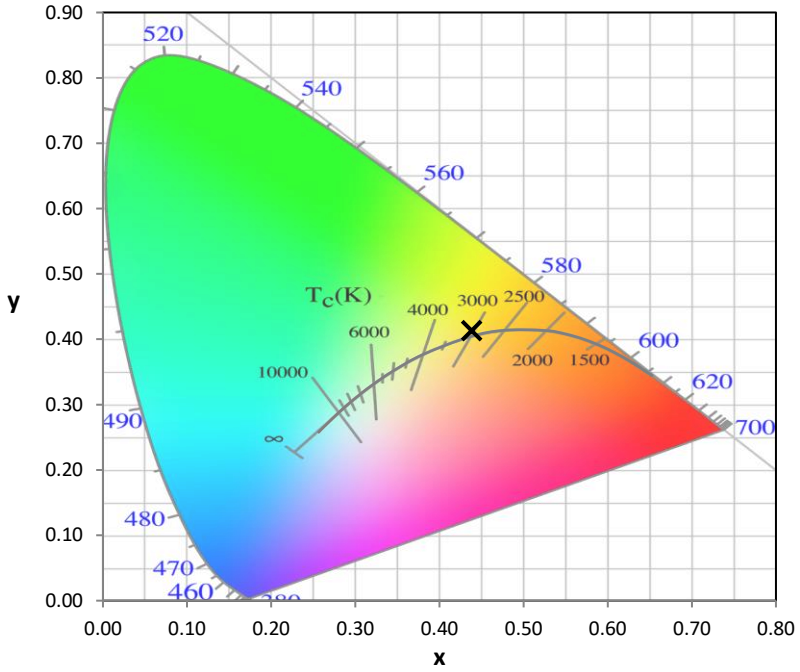
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

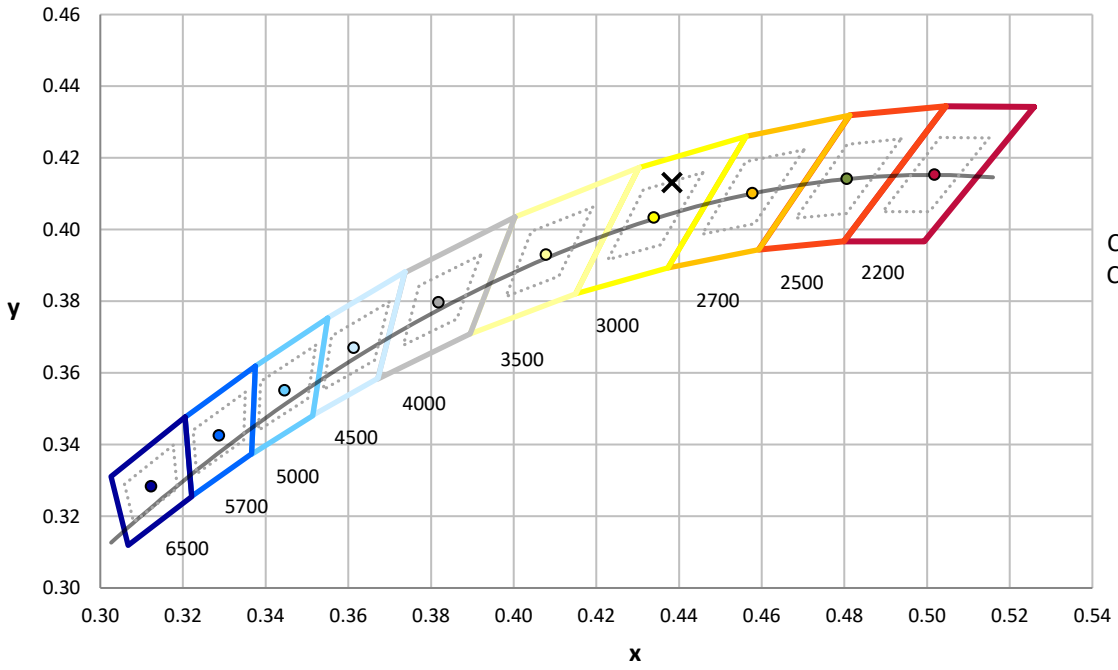
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

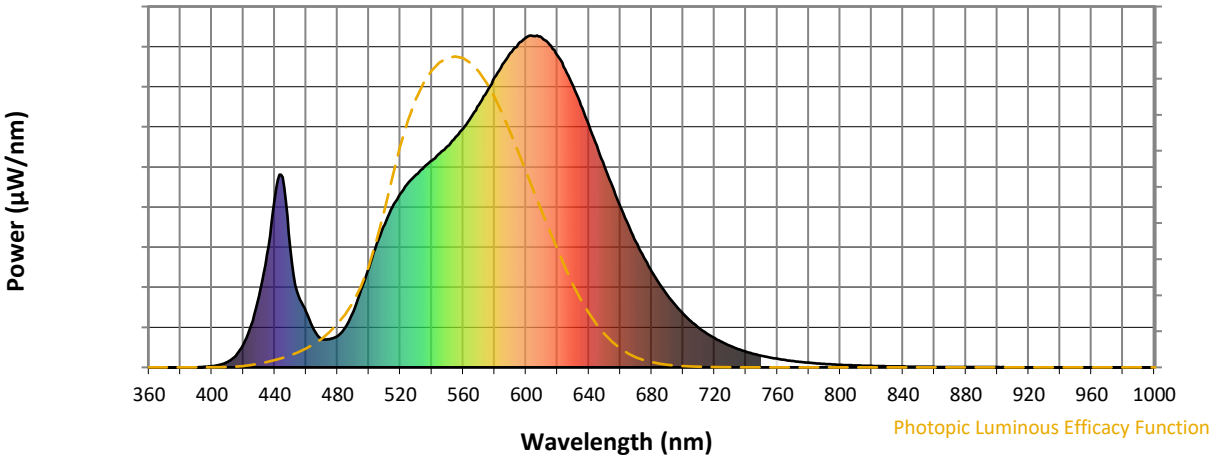


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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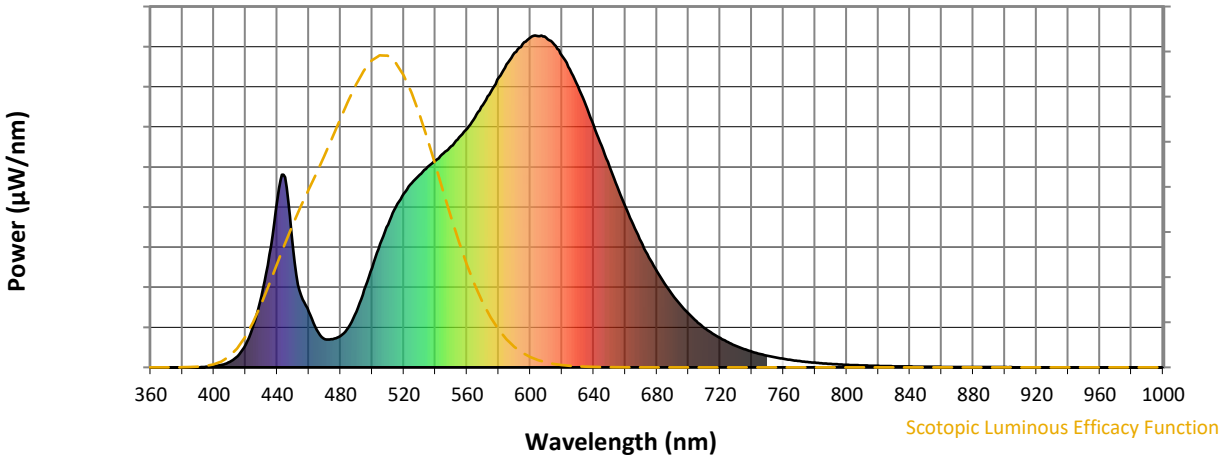
Scotopic Flux vs. Wavelength



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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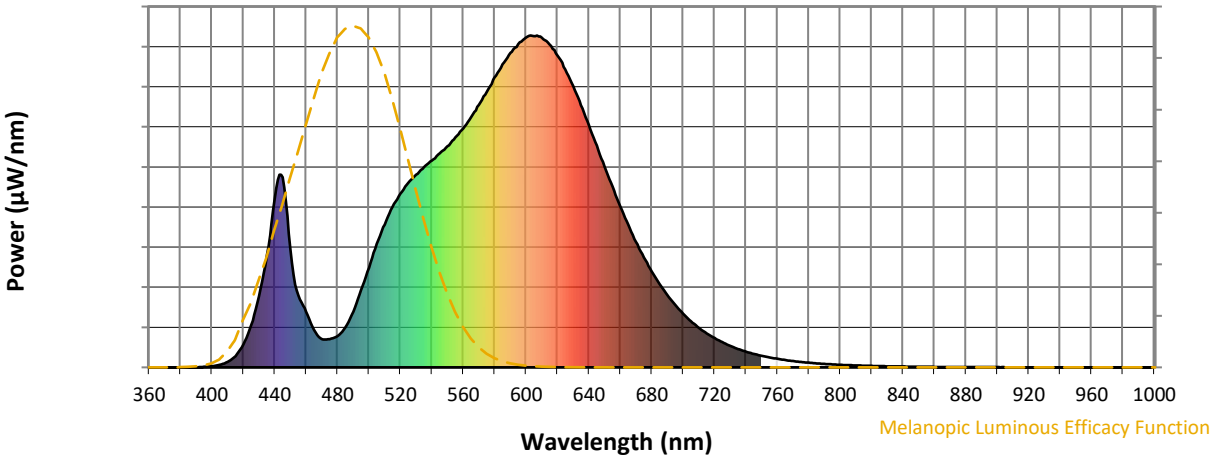
Melanopic Flux vs. Wavelength



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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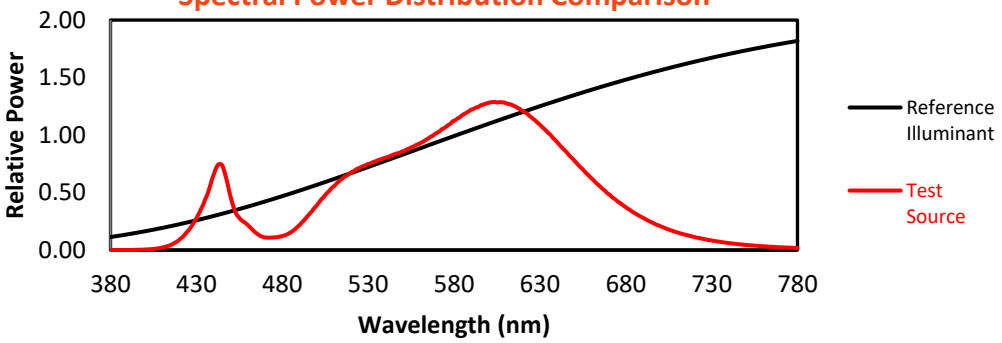
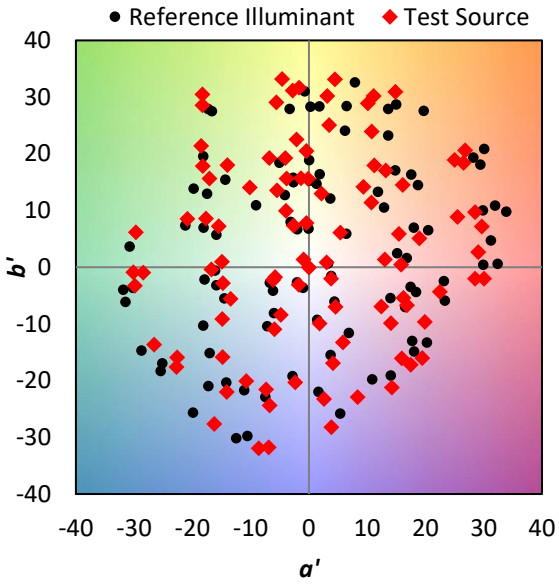
Summary

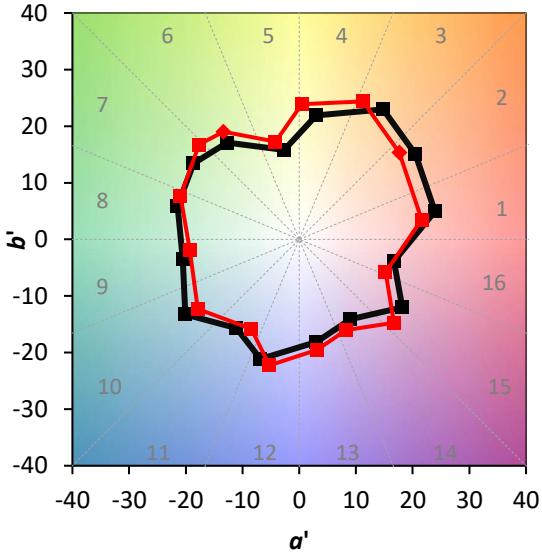
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

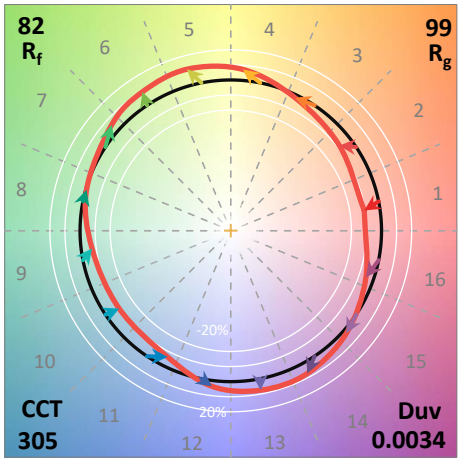
Spectral Power Distribution Comparison

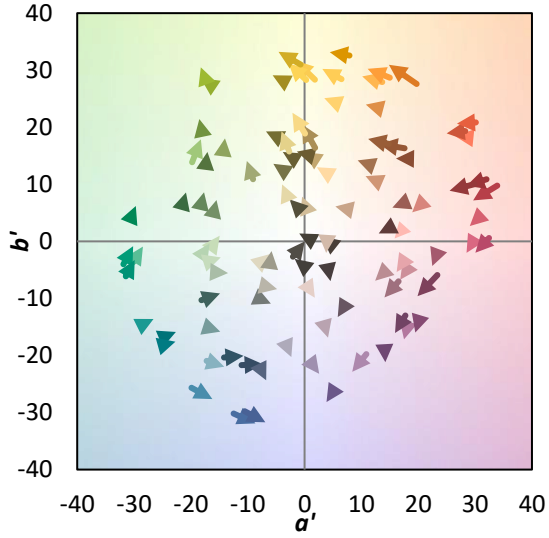


Color Vector Graphics









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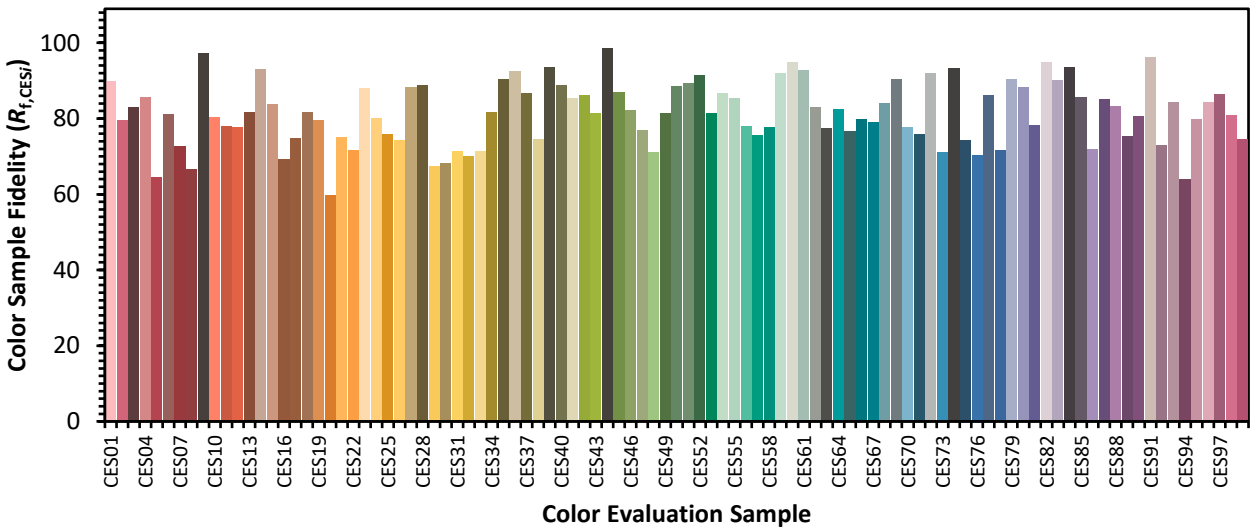
Individual Sample Fidelity Index ($R_{f,i}$)

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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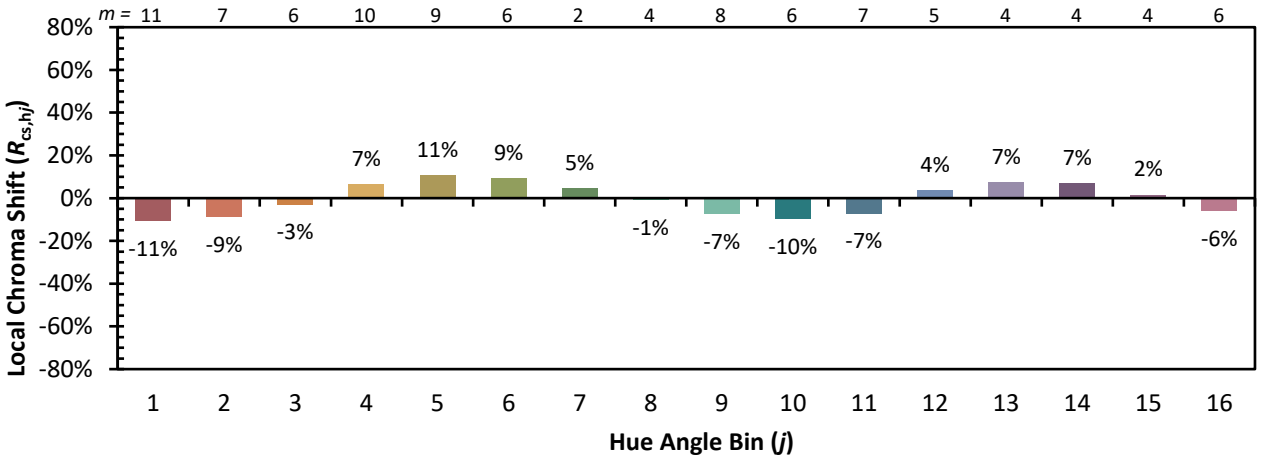
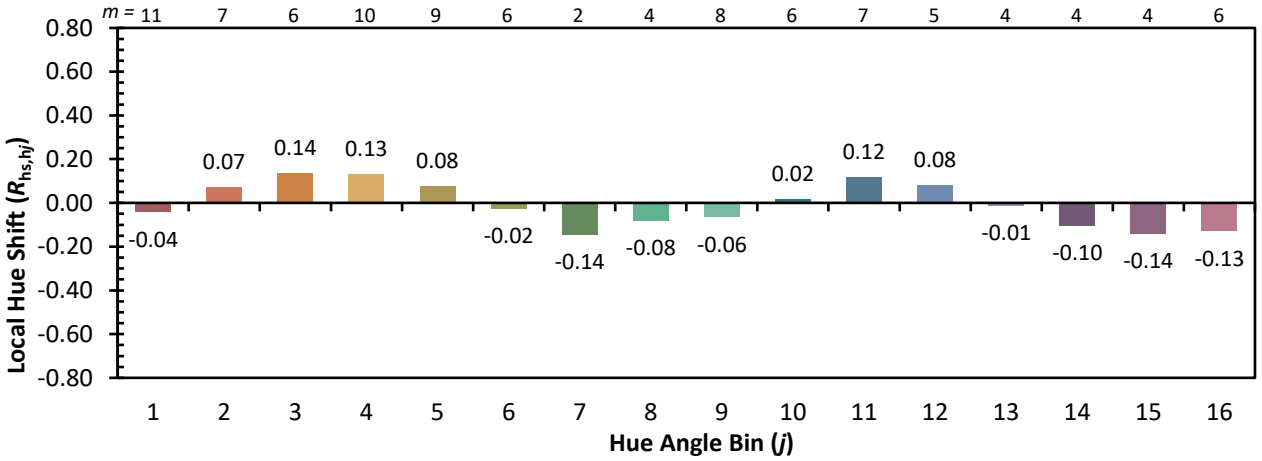
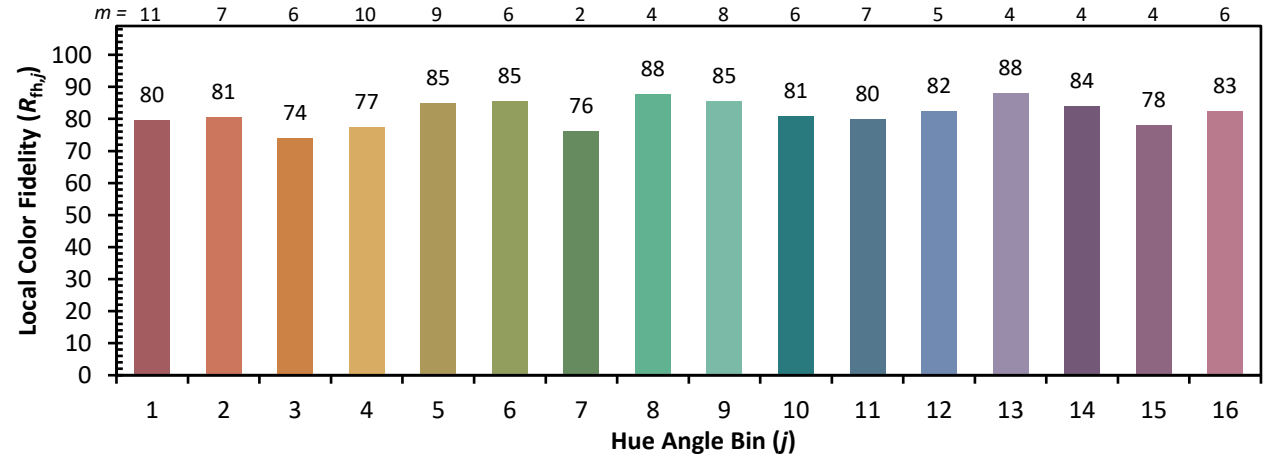
Color Rendition by Hue-Angle Bin







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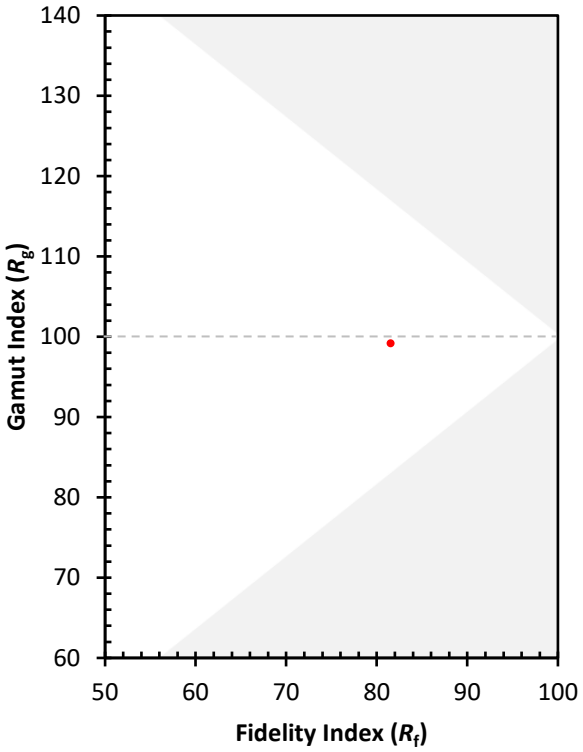
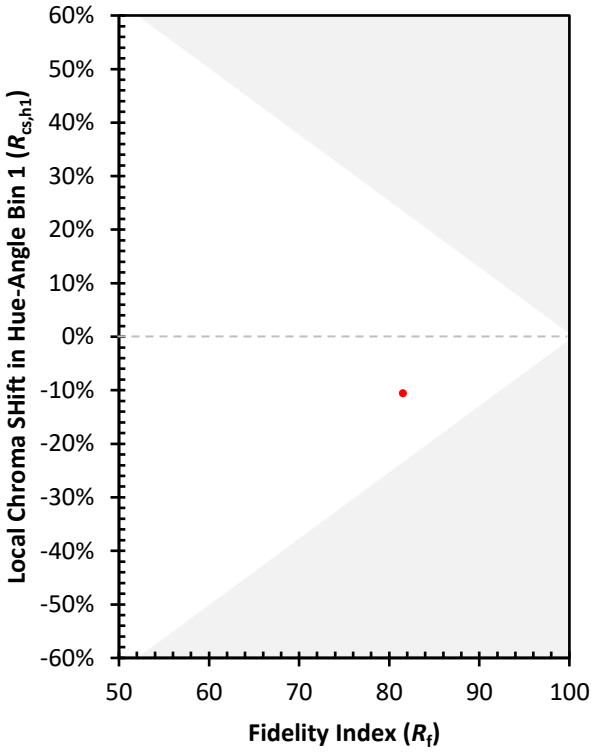
Measure Comparisons





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