

Signify Classified - Internal
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: P438107

Luminaire Tested: **ISW-SA1A-830-U-SL4-HSS**

Issue Date: 12/10/2020

Test Information

Test Method: LM-79-08
Report Number: P438107
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-074-19)
Test Lab: INNOVATION CENTER
Issue Date: 12/10/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: ISW-SA1A-830-U-SL4-HSS
Description: IMPACT ELITE LED WEDGE LUMINAIRE
(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV SPILL LIGHT
ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1778 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 20.1
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



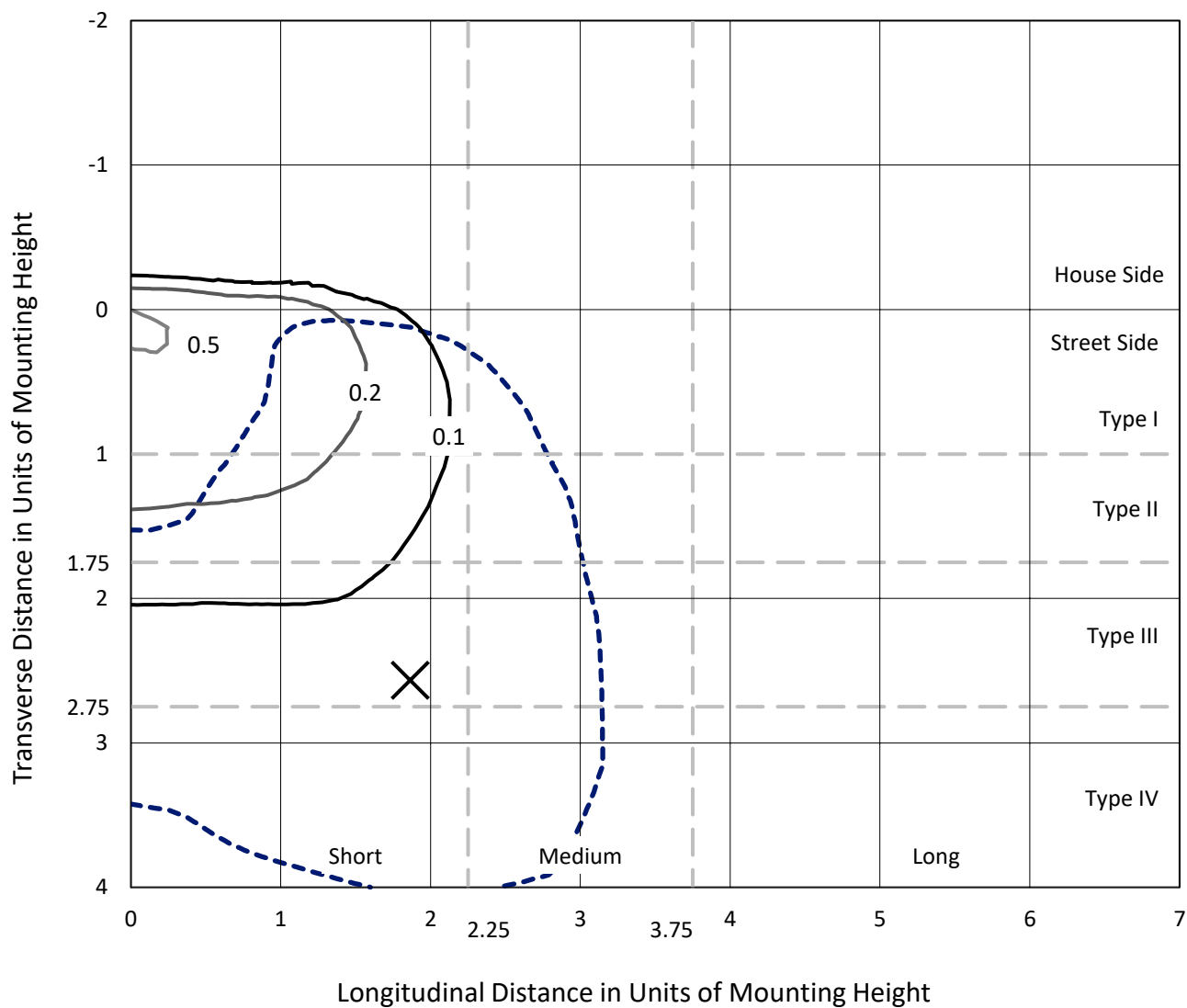
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

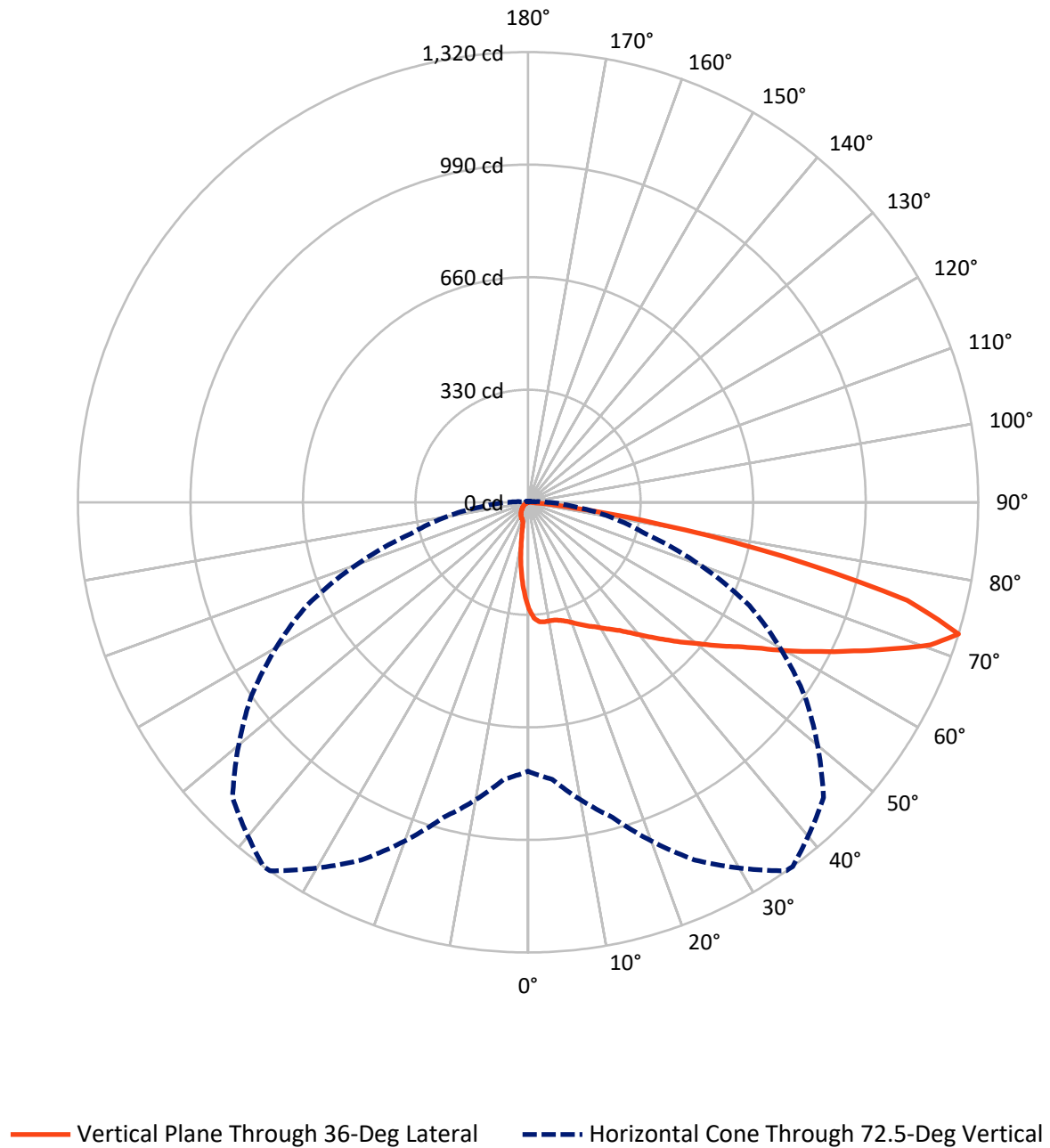
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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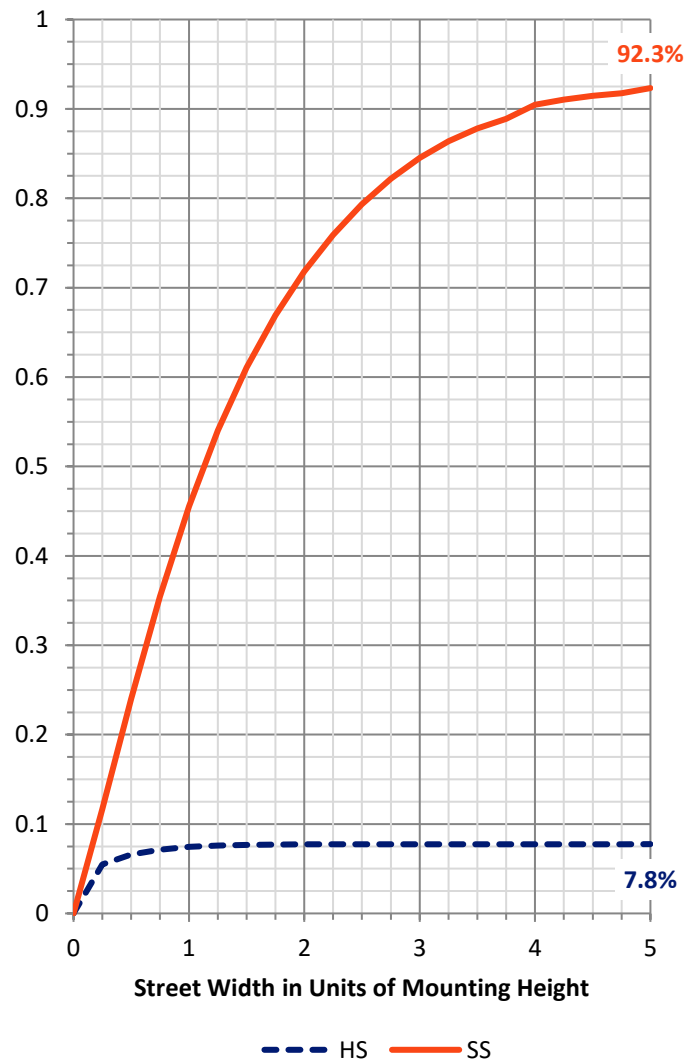
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.7	0.0	138.7
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	1639.3	0.0	1639.3
	% Fixture	92.2	0.0	92.2
Total	Lumens	1778.0	0.0	1778.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	1.5
10°-20°	66.9	3.8
20°-30°	109.3	6.1
30°-40°	166.2	9.3
40°-50°	254.2	14.3
50°-60°	361.4	20.3
60°-70°	458.3	25.8
70°-80°	313.8	17.7
80°-90°	21.0	1.2
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°	1778.0	100.0
0°-180°	1778.0	100.0

Coefficient of Utilization



REPORT NUMBER: P438107

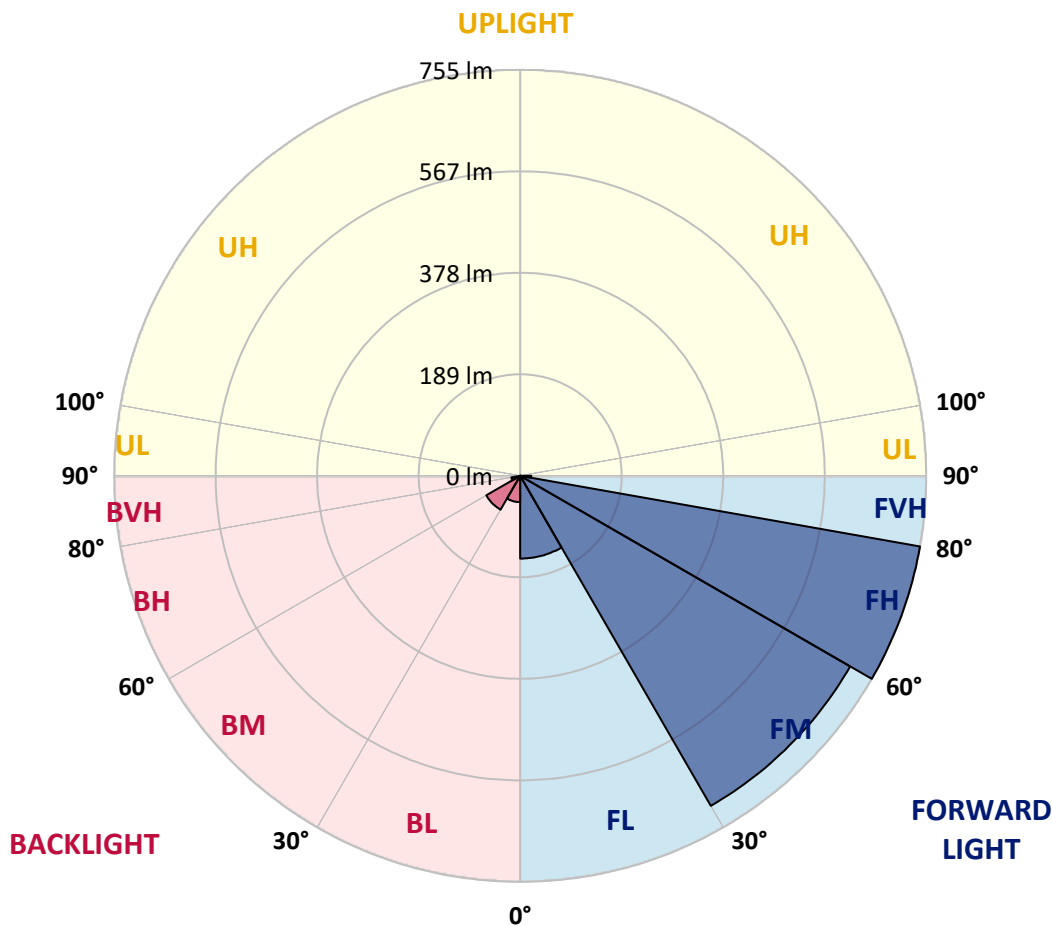
CATALOG NUMBER: ISW-SA1A-830-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	154.0	8.7			
FM	(30°-60°)	709.1	39.9			
FH	(60°-80°)	755.5	42.5			G1/1800
FVH	(80°-90°)	20.7	1.2			G1/100
BL	(0°-30°)	49.0	2.8	B0/110		
BM	(30°-60°)	72.7	4.1	B0/220		
BH	(60°-80°)	16.7	0.9	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2
2.5°	349.8	347.5	345.9	344.3	339.6	340.4	335.7	331.0	324.0	320.9	316.2
5°	358.4	357.6	356.8	354.5	350.6	352.2	347.5	342.8	332.6	323.2	313.0
7.5°	356.8	358.4	357.6	356.1	352.9	353.7	349.8	345.1	336.5	324.0	309.9
10°	353.7	354.5	354.5	353.7	352.9	352.9	349.8	345.9	338.1	327.1	309.1
12.5°	347.5	349.0	351.4	352.9	353.7	354.5	352.2	349.0	342.0	330.2	311.5
15°	345.1	346.7	351.4	356.1	358.4	359.2	356.8	352.9	346.7	336.5	315.4
17.5°	345.1	346.7	354.5	361.5	366.2	367.0	363.9	360.0	352.2	342.0	320.1
20°	349.8	351.4	360.8	373.3	375.6	377.2	372.5	367.0	358.4	348.2	325.5
22.5°	357.6	360.0	371.7	383.5	388.2	388.9	383.5	373.3	365.5	355.3	330.2
25°	370.9	376.4	387.4	399.9	400.7	401.5	392.8	382.7	373.3	363.1	335.7
27.5°	389.7	394.4	403.8	417.9	413.2	413.2	406.2	392.8	383.5	374.1	345.1
30°	414.0	417.1	428.1	433.5	427.3	428.1	419.5	406.9	399.1	389.7	359.2
32.5°	436.7	439.0	450.8	451.5	444.5	443.7	437.5	422.6	416.3	413.2	378.8
35°	457.8	460.9	470.3	469.5	462.5	461.7	458.6	445.3	445.3	448.4	407.7
37.5°	473.5	481.3	493.0	489.9	485.2	485.2	482.8	472.7	480.5	492.2	446.1
40°	493.8	498.5	514.1	511.8	512.6	512.6	513.4	507.1	521.2	540.8	490.7
42.5°	504.8	514.1	532.9	536.1	543.1	543.1	549.4	547.8	574.4	599.4	542.3
45°	522.0	532.1	552.5	564.2	572.8	576.8	587.7	596.3	633.9	665.2	597.1
47.5°	543.9	552.5	569.7	591.6	607.3	613.5	635.4	649.5	699.6	731.7	648.7
50°	573.6	575.2	587.7	620.6	648.0	651.9	686.3	709.8	766.1	795.9	685.5
52.5°	605.7	602.6	609.6	654.2	692.6	699.6	738.7	774.7	831.1	837.3	700.4
55°	630.7	630.7	636.2	691.0	742.7	746.6	801.3	839.7	890.6	861.6	709.8
57.5°	662.8	659.7	668.3	728.6	805.3	808.4	871.8	901.5	923.4	877.3	708.2
60°	686.3	690.2	703.5	777.1	870.2	884.3	937.5	946.9	957.9	882.7	703.5
62.5°	719.2	718.4	744.2	831.1	954.7	964.1	1000.9	985.2	984.5	892.1	697.3
65°	746.6	752.8	792.0	896.0	1044.7	1051.0	1063.5	1043.2	1021.2	902.3	642.5
67.5°	788.8	801.3	850.6	981.3	1141.0	1148.0	1159.0	1114.4	1031.4	830.3	535.3
70°	836.6	853.0	932.8	1094.8	1244.3	1252.1	1254.5	1121.4	934.4	651.9	363.1
72.5°	788.8	815.4	956.3	1157.4	1319.4	1320.2	1225.5	990.7	716.0	356.1	128.3
75°	507.9	541.5	792.0	1026.7	1136.3	1148.8	961.0	692.6	334.2	79.8	36.0
77.5°	172.2	183.9	388.9	648.0	762.2	766.9	632.3	350.6	105.6	32.1	19.6
80°	99.4	98.6	136.2	283.3	380.3	395.2	318.5	140.1	49.3	16.4	13.3
82.5°	23.5	24.3	71.2	103.3	151.0	136.2	67.3	84.5	22.7	9.4	11.7
85°	0.0	0.0	11.7	25.0	18.0	21.1	6.3	25.8	3.9	3.9	7.8
87.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	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

REPORT NUMBER: P438107

CATALOG NUMBER: ISW-SA1A-830-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2	312.2
2.5°	311.5	307.5	299.7	293.5	284.9	277.8	270.8	267.6	262.2	260.6	261.4
5°	306.8	300.5	285.6	270.8	254.3	238.7	222.2	212.9	208.9	201.9	200.3
7.5°	301.3	291.9	270.8	246.5	218.3	195.6	172.9	157.3	143.2	137.7	135.4
10°	298.9	287.2	257.5	220.7	182.3	145.6	117.4	97.0	84.5	79.8	78.3
12.5°	298.9	284.9	244.9	195.6	144.8	102.5	76.7	65.0	61.0	60.3	59.5
15°	302.1	284.1	233.2	169.0	109.6	71.2	58.7	57.1	56.3	56.3	57.1
17.5°	303.6	282.5	220.7	143.2	80.6	57.1	54.8	54.8	54.8	54.8	54.8
20°	307.5	281.7	206.6	115.8	61.0	53.2	52.4	52.4	52.4	52.4	53.2
22.5°	308.3	281.7	189.4	89.2	54.0	50.9	50.1	50.1	50.1	50.9	50.9
25°	313.0	280.2	172.9	68.1	50.9	47.7	47.7	47.0	47.7	47.7	47.7
27.5°	319.3	280.9	152.6	56.3	47.7	45.4	44.6	44.6	44.6	44.6	44.6
30°	326.3	282.5	131.5	50.1	44.6	43.0	42.3	41.5	41.5	41.5	41.5
32.5°	339.6	284.1	108.8	45.4	41.5	39.9	39.1	38.3	38.3	38.3	38.3
35°	360.0	292.7	89.2	42.3	38.3	36.8	36.0	35.2	35.2	35.2	34.4
37.5°	387.4	306.0	70.4	39.1	35.2	33.7	32.9	32.1	31.3	31.3	31.3
40°	420.2	320.1	58.7	35.2	32.1	30.5	29.7	29.0	28.2	27.4	27.4
42.5°	459.4	337.3	47.0	32.1	29.0	27.4	26.6	25.8	24.3	23.5	24.3
45°	503.2	353.7	39.9	29.7	26.6	25.0	24.3	22.7	21.1	20.3	20.3
47.5°	541.5	357.6	35.2	26.6	24.3	22.7	21.9	19.6	18.0	16.4	16.4
50°	567.4	350.6	31.3	24.3	21.9	21.1	19.6	16.4	14.1	13.3	12.5
52.5°	570.5	331.8	27.4	21.9	20.3	18.8	16.4	14.1	11.7	10.2	10.2
55°	567.4	300.5	24.3	20.3	18.0	16.4	14.1	11.0	8.6	7.8	7.0
57.5°	557.2	267.6	21.9	18.0	16.4	14.1	11.0	8.6	6.3	5.5	4.7
60°	538.4	227.7	19.6	16.4	14.1	11.7	8.6	6.3	3.9	3.1	3.1
62.5°	503.2	183.9	17.2	14.1	11.7	9.4	7.0	3.9	2.3	1.6	1.6
65°	433.5	137.7	14.9	11.7	9.4	7.8	4.7	2.3	0.8	0.0	0.0
67.5°	337.3	93.1	11.7	9.4	7.8	6.3	3.9	0.8	0.0	0.0	0.0
70°	198.8	49.3	9.4	7.0	6.3	4.7	2.3	0.8	0.0	0.0	0.0
72.5°	57.1	19.6	7.0	5.5	4.7	3.1	1.6	0.8	0.0	0.0	0.0
75°	23.5	11.7	4.7	3.9	3.9	2.3	0.8	0.8	0.0	0.0	0.0
77.5°	15.7	8.6	3.1	2.3	2.3	1.6	0.8	0.0	0.0	0.0	0.0
80°	12.5	4.7	1.6	1.6	1.6	0.8	0.8	0.0	0.0	0.0	0.0
82.5°	11.0	3.1	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
85°	5.5	1.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.8	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

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.

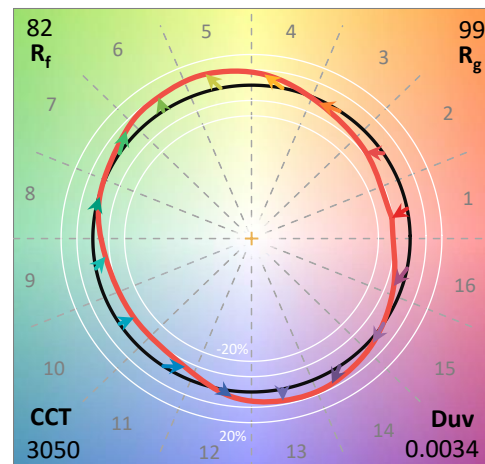
Test Information

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
 CIE u' : 0.2476
 CIE v' : 0.5251
 Duv: 0.0034
 CIE x: 0.4383
 CIE y: 0.4131
 CIE z: 0.1487
 Peak Wavelength (nm): 603
 Dominant Wavelength (nm): 581
 Purity: 55.55201
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 81.0
 R1: 79.6
 R2: 85.6
 R3: 92.0
 R4: 82.6
 R5: 78.9
 R6: 81.7
 R7: 85.2
 R8: 62.0
 R9: 7.1
 R10: 67.0
 R11: 82.7
 R12: 63.2
 R13: 80.3
 R14: 95.0
 R15: 71.7



Test Conditions

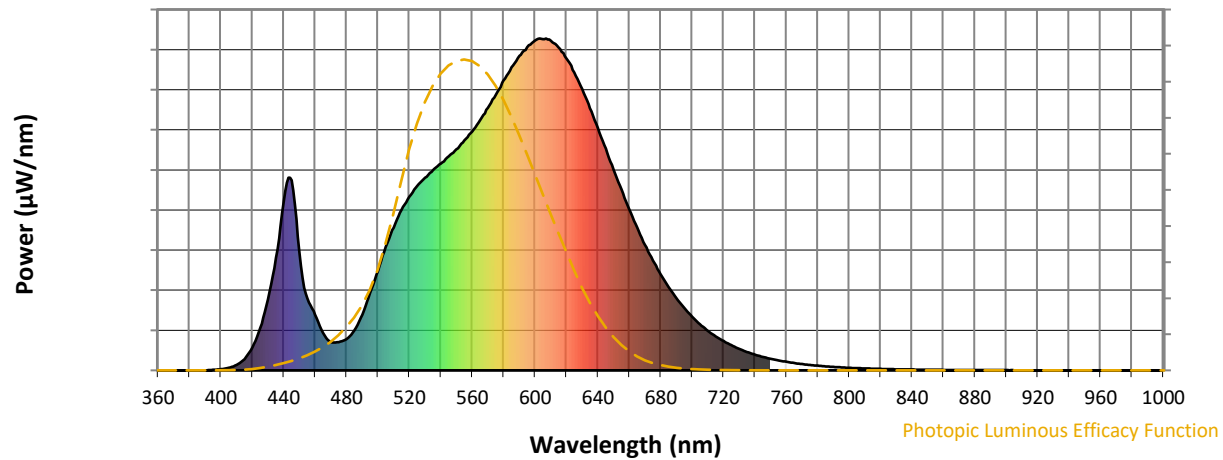
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 24.2

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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

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Photopic Flux vs. Wavelength

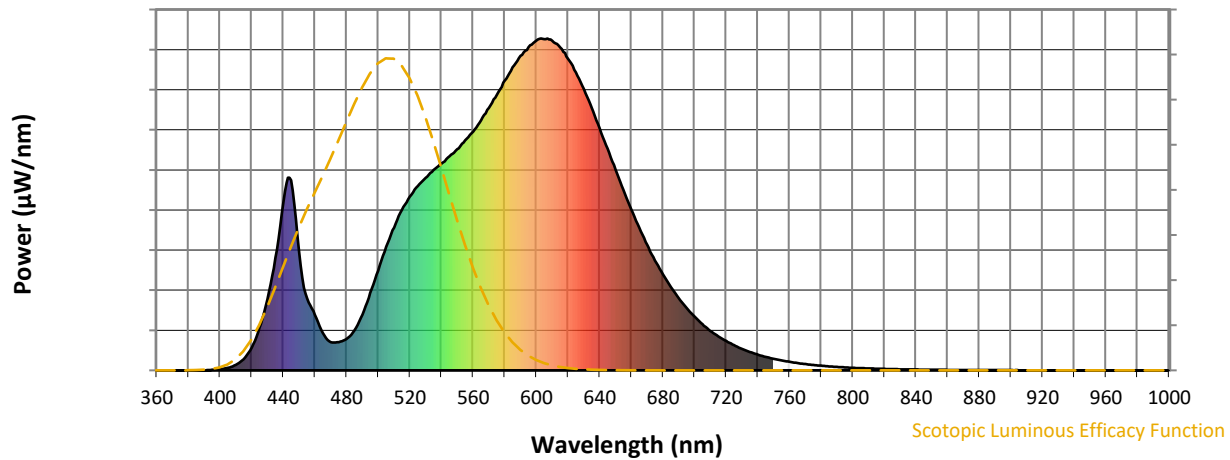


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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



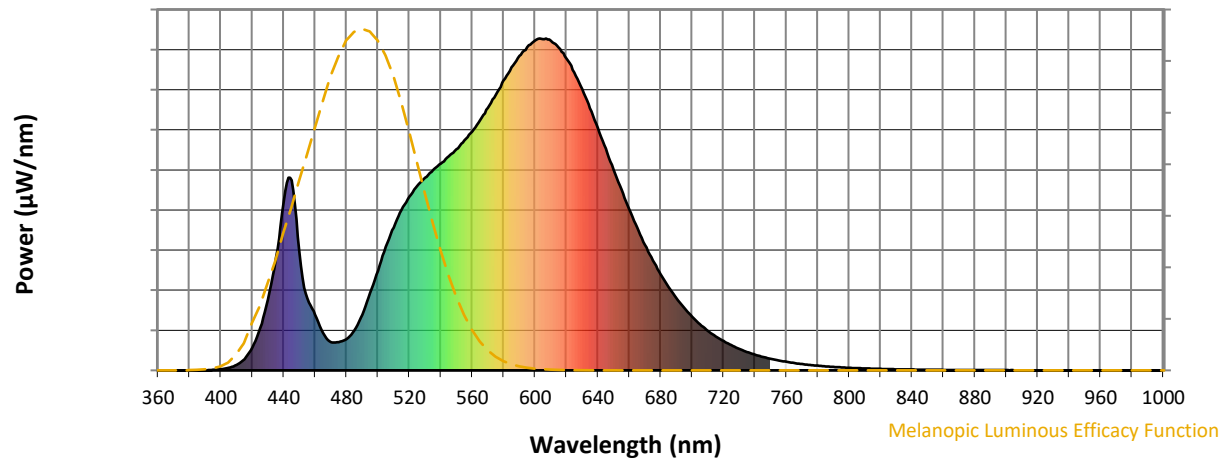
Scotopic Lumens: NR

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

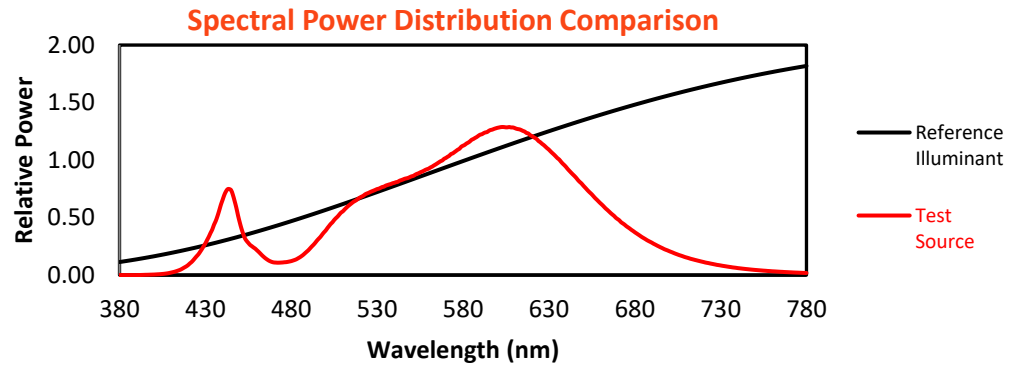
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	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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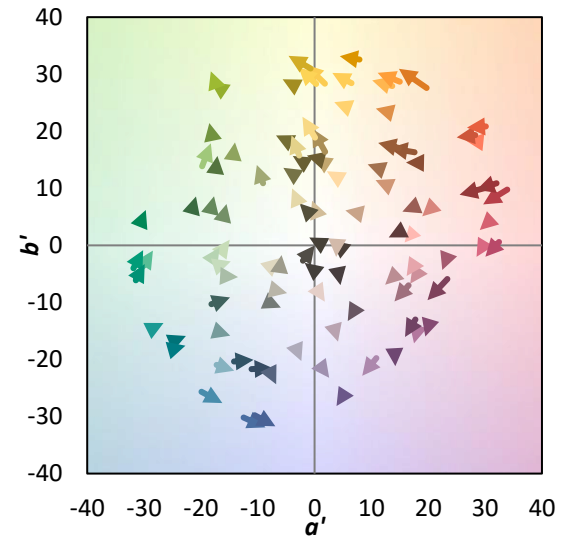
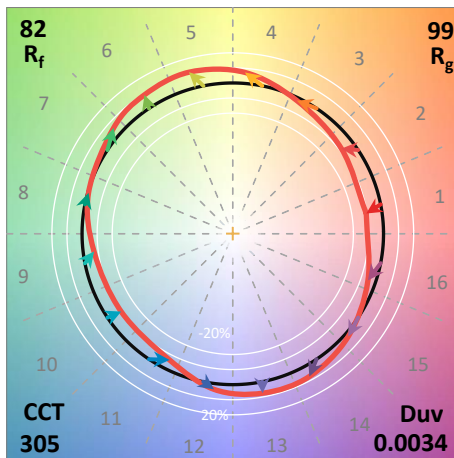
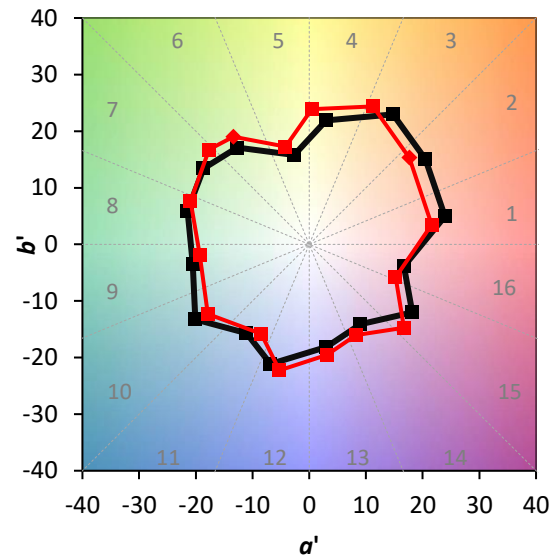
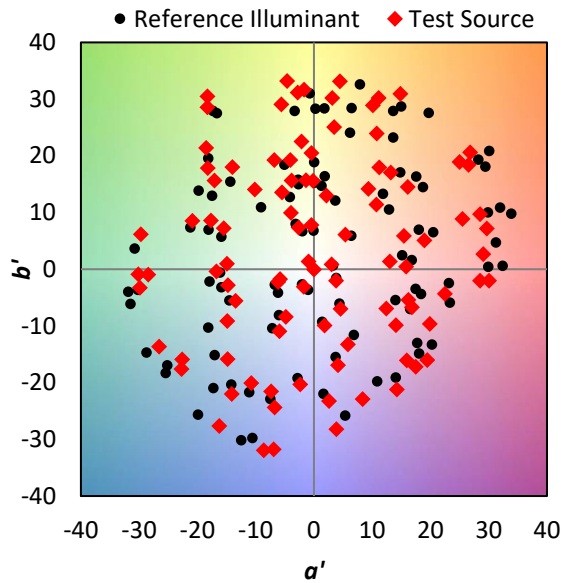
TM-30-18

Summary

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

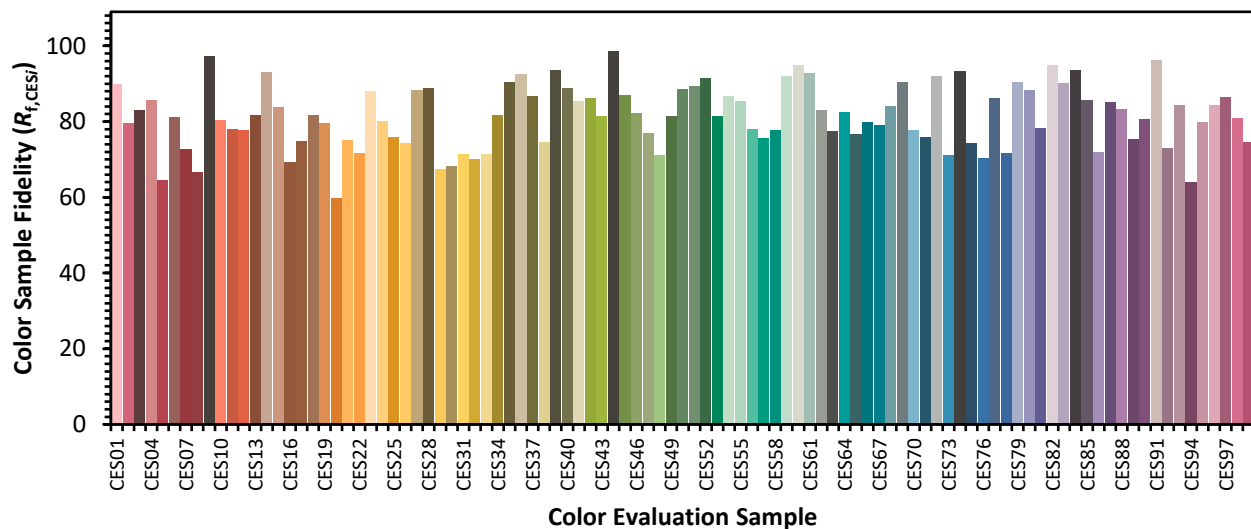


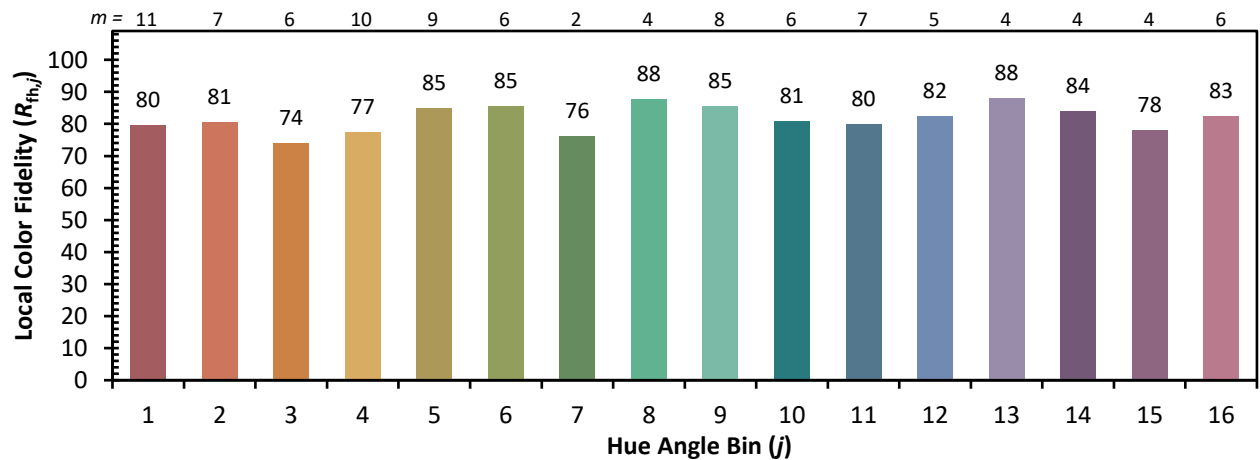
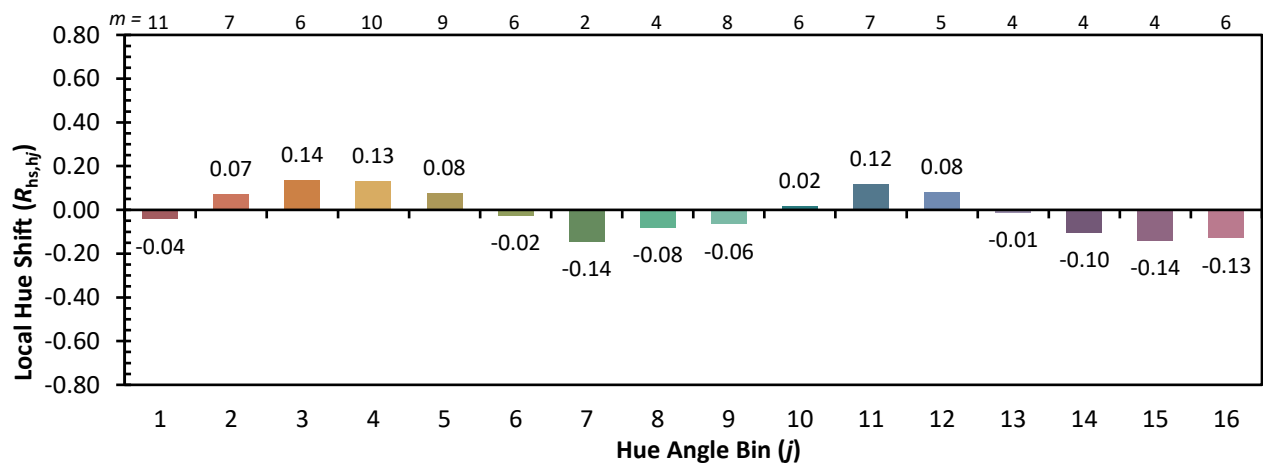
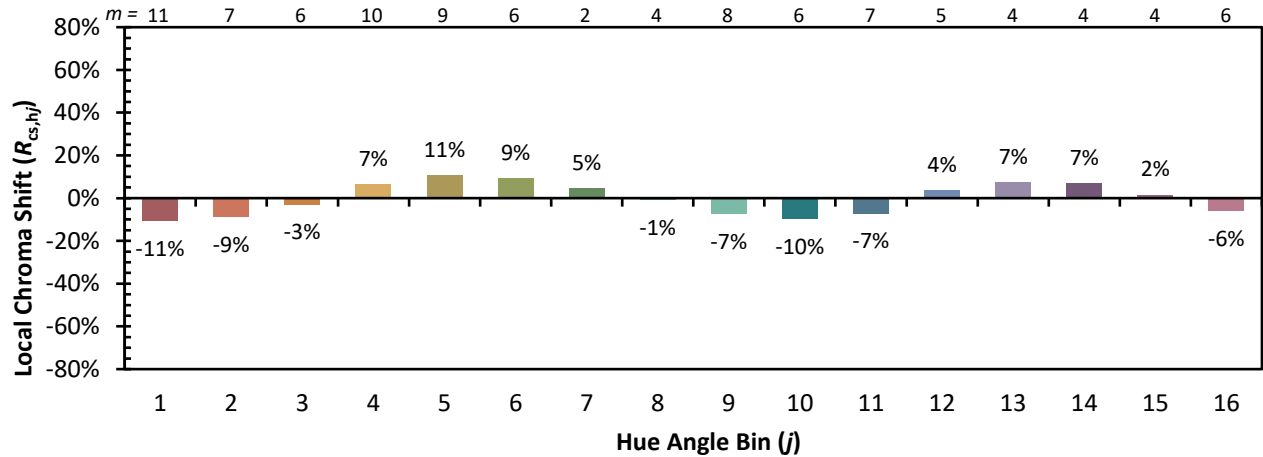
Color Vector Graphics



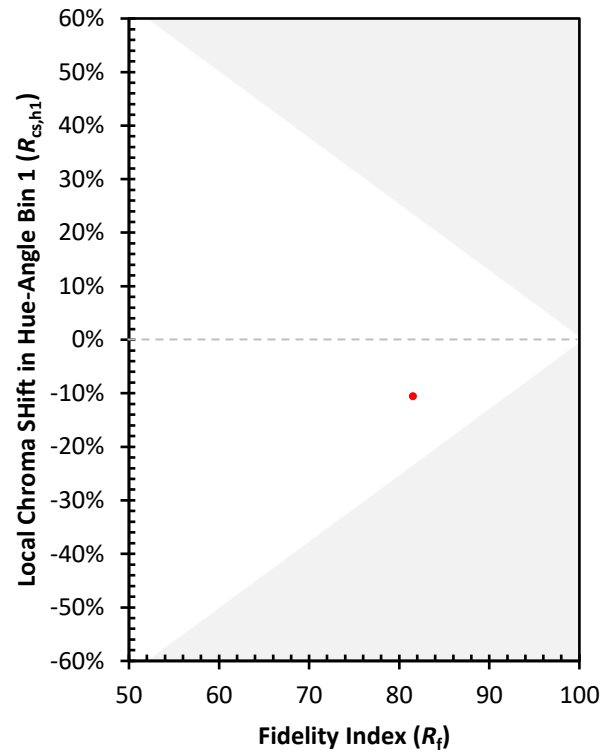
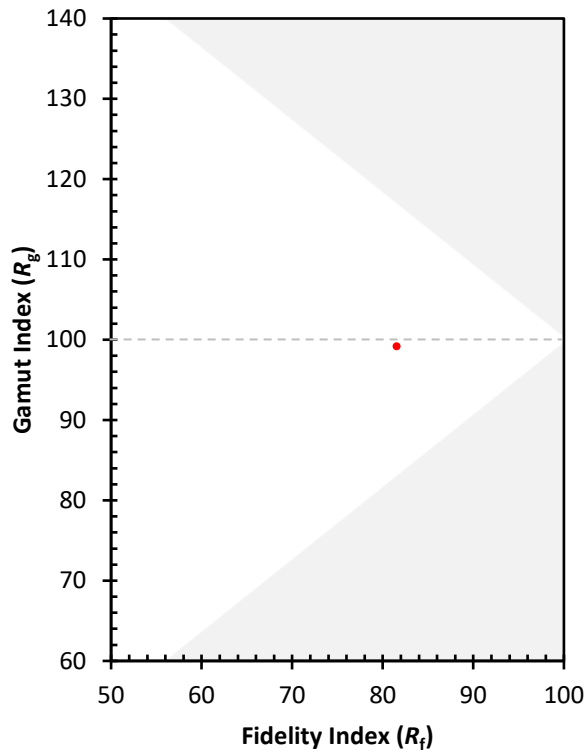
Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)