

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: P1048554

Luminaire Tested: **GALN-SA8B-830-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048554
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-830-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32558.4 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

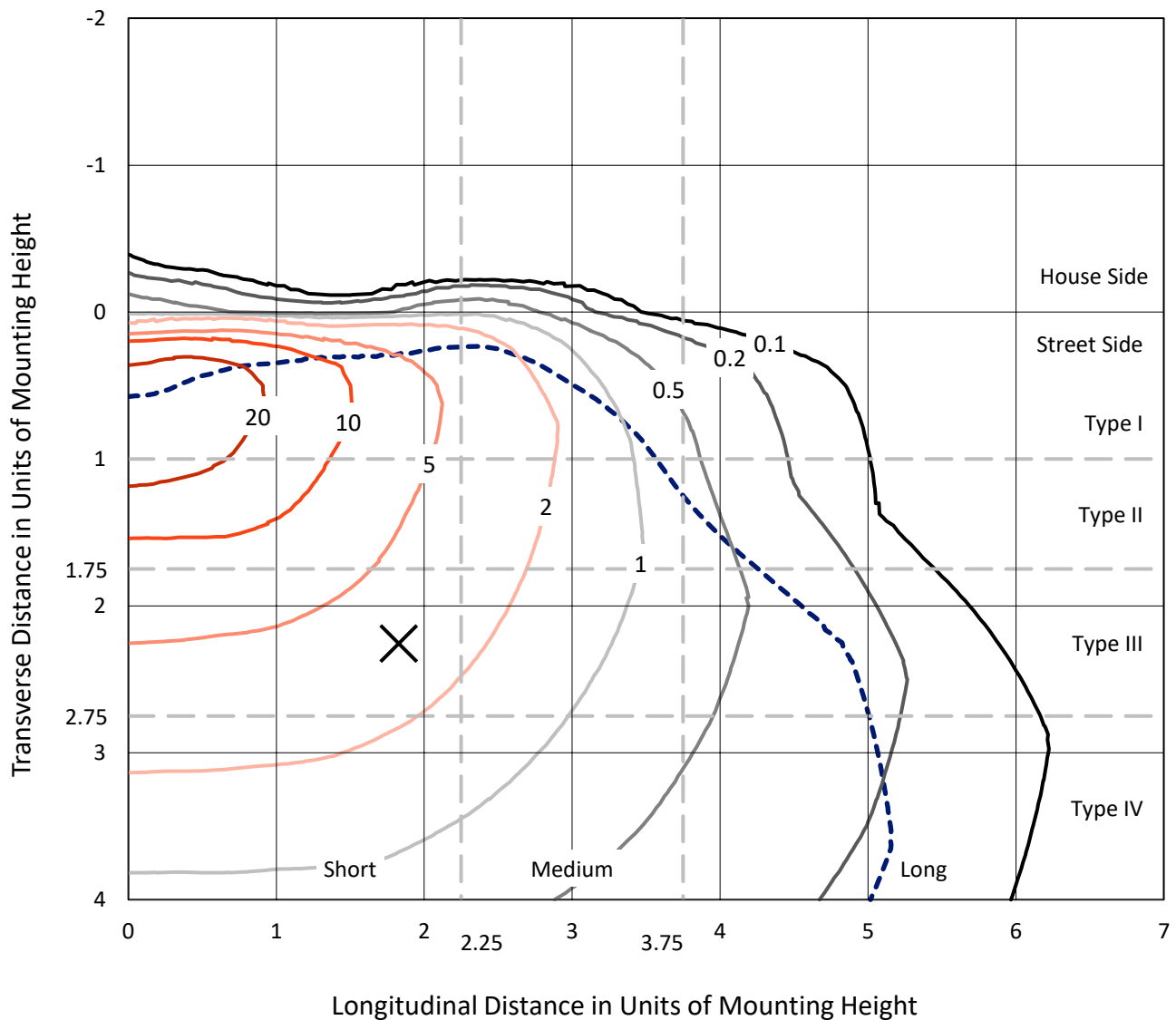


REPORT NUMBER: P1048554

CATALOG NUMBER: GALN-SA8B-830-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

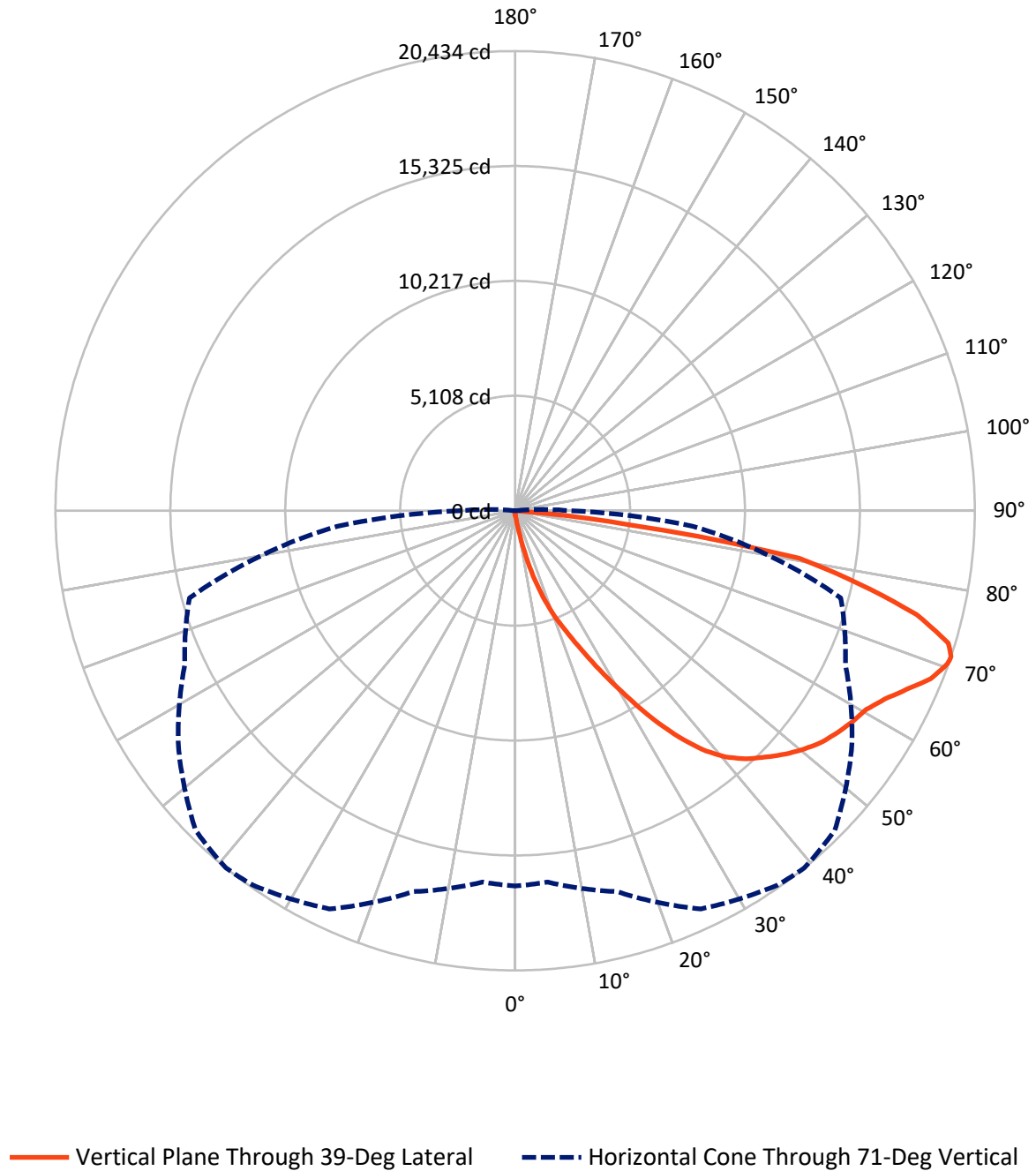


Based on 15 foot mounting height. Maximum calculated value = 33.5 fc
Type IV - Short - N/A

REPORT NUMBER: P1048554

CATALOG NUMBER: GALN-SA8B-830-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048554

CATALOG NUMBER: GALN-SA8B-830-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.7	0.0	115.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32442.7	0.0	32442.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	32558.4	0.0	32558.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	0.1
10°-20°	348.0	1.1
20°-30°	1239.3	3.8
30°-40°	2986.7	9.2
40°-50°	4998.5	15.4
50°-60°	6420.0	19.7
60°-70°	8124.5	25.0
70°-80°	7243.4	22.2
80°-90°	1170.8	3.6
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°	32558.4	100.0
0°-180°	32558.4	100.0



REPORT NUMBER: P1048554

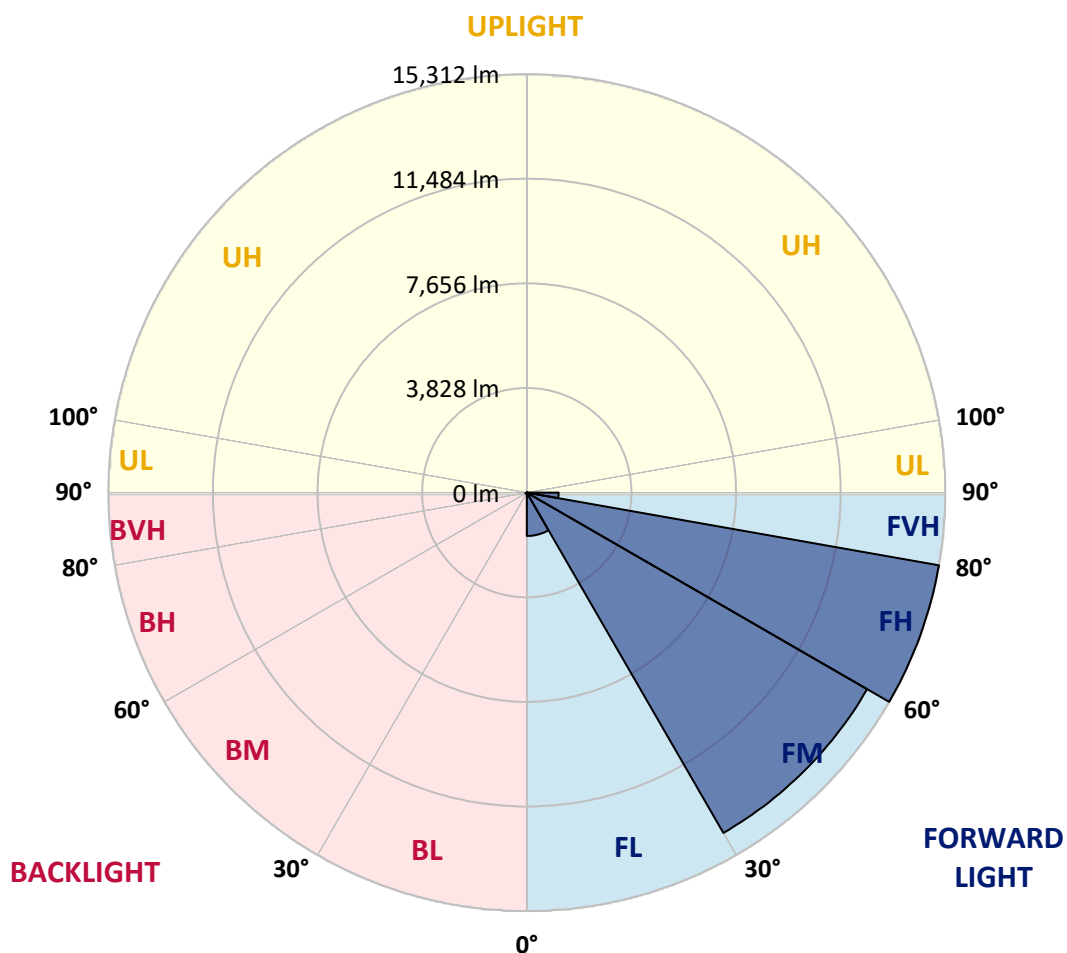
CATALOG NUMBER: GALN-SA8B-830-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1586.5	4.9			
FM	(30°-60°)	14378.5	44.2			
FH	(60°-80°)	15312.3	47.0			G5
FVH	(80°-90°)	1165.5	3.6			G5
BL	(0°-30°)	28.0	0.1	B0/110		
BM	(30°-60°)	26.8	0.1	B0/220		
BH	(60°-80°)	55.6	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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-G5

Type IV Short





REPORT NUMBER: P1048554

CATALOG NUMBER: GALN-SA8B-830-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5
2.5°	205.0	205.0	205.0	198.4	198.4	196.2	194.0	194.0	189.5	187.3	182.9
5°	310.8	304.2	288.7	279.9	262.3	251.3	240.2	224.8	209.4	198.4	185.1
7.5°	703.1	718.5	667.8	573.0	476.1	434.2	363.7	293.1	242.4	209.4	187.3
10°	1791.9	1783.1	1611.1	1421.6	1097.6	967.6	758.2	478.3	313.0	229.2	189.5
12.5°	3048.2	3039.4	2836.6	2578.7	2151.1	1880.0	1483.3	892.6	449.6	260.1	189.5
15°	4103.9	4068.6	4004.7	3749.1	3248.7	3021.7	2497.2	1578.1	727.3	313.0	194.0
17.5°	4802.6	4771.7	4712.2	4619.7	4302.3	4033.4	3612.4	2479.5	1177.0	405.5	202.8
20°	5444.0	5421.9	5373.4	5355.8	5150.8	5007.6	4659.3	3515.4	1833.8	551.0	216.0
22.5°	6325.6	6279.3	6299.1	6193.3	5992.8	5820.9	5607.1	4599.8	2636.0	793.5	240.2
25°	7405.5	7383.5	7328.4	7253.5	6975.8	6825.9	6497.5	5622.5	3533.1	1110.8	266.7
27.5°	8710.3	8686.1	8672.9	8501.0	8181.4	8018.3	7559.8	6587.9	4542.5	1556.0	302.0
30°	10213.5	10224.5	10138.5	9918.1	9545.7	9316.4	8844.8	7599.5	5576.2	2078.4	339.4
32.5°	11769.5	11747.5	11615.3	11355.2	11022.4	10808.6	10209.1	8708.1	6660.6	2768.3	383.5
35°	13446.8	13404.9	13056.7	12759.1	12474.8	12205.9	11659.3	9995.3	7745.0	3541.9	443.0
37.5°	15139.5	14943.3	14244.7	13867.8	13671.6	13451.2	12942.1	11368.4	8822.7	4405.9	515.7
40°	16417.8	16265.8	15437.0	14742.8	14586.3	14398.9	14019.9	12554.2	9968.8	5333.8	603.9
42.5°	17125.3	17041.6	16296.6	15611.2	15243.1	15077.8	14753.8	13590.1	11101.7	6358.6	731.7
45°	17427.3	17297.2	16799.1	16479.6	15893.3	15620.0	15234.3	14372.5	12285.3	7522.4	910.3
47.5°	17334.7	17259.8	16902.7	17019.5	16594.2	16168.8	15602.3	14972.0	13296.9	8858.0	1154.9
50°	16752.9	16688.9	16578.7	17211.3	17158.4	16655.9	16078.4	15445.9	14123.4	10235.5	1534.0
52.5°	15646.4	15620.0	15902.1	17061.4	17478.0	17085.7	16536.9	15864.6	14894.9	11674.8	2076.2
55°	14220.4	14328.4	15135.1	16827.8	17641.1	17403.0	16942.4	16256.9	15514.2	12961.9	2876.3
57.5°	13634.1	13662.8	14670.0	16662.5	17713.8	17683.0	17336.9	16631.6	16082.8	13991.2	4097.3
60°	14319.6	14275.5	14806.7	16788.1	17859.3	17934.2	17687.4	16979.9	16576.5	14875.0	5723.9
62.5°	15558.3	15534.0	15703.7	17323.7	18284.7	18436.7	18174.5	17231.1	17012.9	15456.9	7579.7
65°	16664.7	16614.0	16929.2	18273.6	19031.8	19139.8	18910.6	17660.9	17204.7	15880.1	9323.1
67.5°	17143.0	17131.9	17638.9	19177.3	19816.5	19933.3	19732.7	18253.8	17160.6	16014.5	10092.3
70°	16924.8	16882.9	17694.0	19560.8	20259.5	20391.7	20197.8	18474.2	16682.3	15589.1	8952.8
71°	16684.5	16572.1	17528.7	19534.3	20321.2	20433.6	20094.2	18273.6	16201.8	14985.2	7919.1
72.5°	15939.6	15959.4	17074.6	19258.8	20173.5	20140.4	19507.9	17555.1	15622.2	13614.3	6360.8
75°	14105.8	14222.6	15604.6	18101.7	18855.5	18434.5	17467.0	16182.0	14458.5	9761.7	4416.9
77.5°	11527.1	11701.2	13219.8	15875.6	15661.9	15620.0	15580.3	14257.9	12347.0	5243.4	3072.4
80°	5503.5	5880.4	7974.2	11333.1	12311.7	12785.6	12488.0	11489.6	9547.9	2497.2	1836.0
82.5°	359.3	354.8	502.5	952.1	4013.5	5188.3	8243.1	8212.2	6656.2	1216.6	749.4
85°	169.7	174.1	191.8	218.2	253.5	277.7	383.5	2248.1	3184.8	579.7	163.1
87.5°	99.2	101.4	119.0	152.1	198.4	220.4	262.3	337.2	414.4	319.6	35.3
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: P1048554

CATALOG NUMBER: GALN-SA8B-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5
2.5°	180.7	178.5	171.9	165.3	158.7	154.3	152.1	154.3	154.3	156.5	156.5
5°	180.7	174.1	163.1	149.9	141.1	132.2	127.8	125.6	127.8	127.8	127.8
7.5°	178.5	167.5	152.1	136.7	125.6	114.6	110.2	108.0	108.0	110.2	110.2
10°	174.1	163.1	143.3	125.6	112.4	99.2	92.6	86.0	86.0	86.0	88.2
12.5°	171.9	156.5	132.2	114.6	97.0	81.5	68.3	61.7	63.9	63.9	63.9
15°	167.5	149.9	125.6	103.6	81.5	61.7	50.7	44.1	46.3	48.5	46.3
17.5°	167.5	147.7	116.8	90.4	63.9	46.3	37.5	33.1	33.1	35.3	35.3
20°	167.5	143.3	110.2	77.1	48.5	35.3	26.4	24.2	24.2	28.7	30.9
22.5°	171.9	143.3	101.4	63.9	39.7	26.4	19.8	17.6	19.8	24.2	26.4
25°	178.5	141.1	92.6	57.3	33.1	19.8	15.4	11.0	13.2	17.6	19.8
27.5°	185.1	138.9	83.8	50.7	26.4	15.4	11.0	8.8	6.6	8.8	8.8
30°	191.8	138.9	74.9	41.9	22.0	11.0	6.6	4.4	2.2	0.0	0.0
32.5°	196.2	134.4	68.3	33.1	17.6	8.8	4.4	2.2	0.0	0.0	0.0
35°	200.6	130.0	59.5	26.4	13.2	6.6	2.2	0.0	0.0	0.0	0.0
37.5°	205.0	123.4	50.7	22.0	11.0	4.4	0.0	0.0	0.0	0.0	0.0
40°	209.4	114.6	41.9	19.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	213.8	108.0	35.3	15.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	224.8	103.6	28.7	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	244.6	99.2	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	273.3	94.8	24.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	313.0	92.6	22.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	383.5	90.4	19.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	504.7	88.2	19.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	773.6	83.8	19.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1381.9	81.5	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2409.0	83.8	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3453.7	88.2	15.4	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2955.6	77.1	15.4	8.8	4.4	2.2	0.0	0.0	0.0	0.0	0.0
71°	2409.0	68.3	15.4	8.8	4.4	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1549.4	52.9	13.2	8.8	4.4	4.4	2.2	0.0	0.0	0.0	0.0
75°	654.6	44.1	13.2	8.8	6.6	4.4	4.4	2.2	0.0	0.0	0.0
77.5°	279.9	33.1	13.2	11.0	8.8	6.6	6.6	4.4	2.2	0.0	0.0
80°	105.8	26.4	15.4	13.2	11.0	11.0	8.8	4.4	2.2	0.0	0.0
82.5°	48.5	22.0	15.4	13.2	13.2	11.0	8.8	6.6	4.4	0.0	0.0
85°	30.9	19.8	15.4	13.2	13.2	11.0	11.0	6.6	4.4	0.0	0.0
87.5°	24.2	19.8	15.4	15.4	13.2	13.2	8.8	6.6	2.2	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

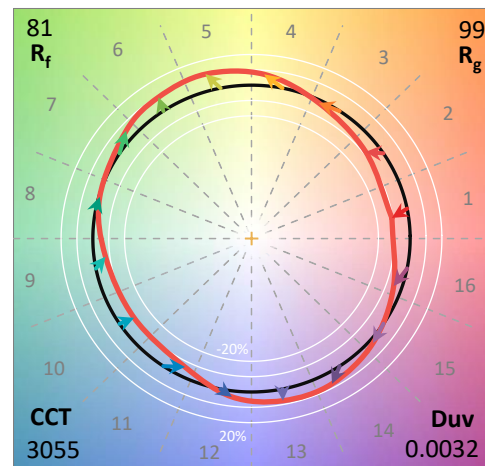
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

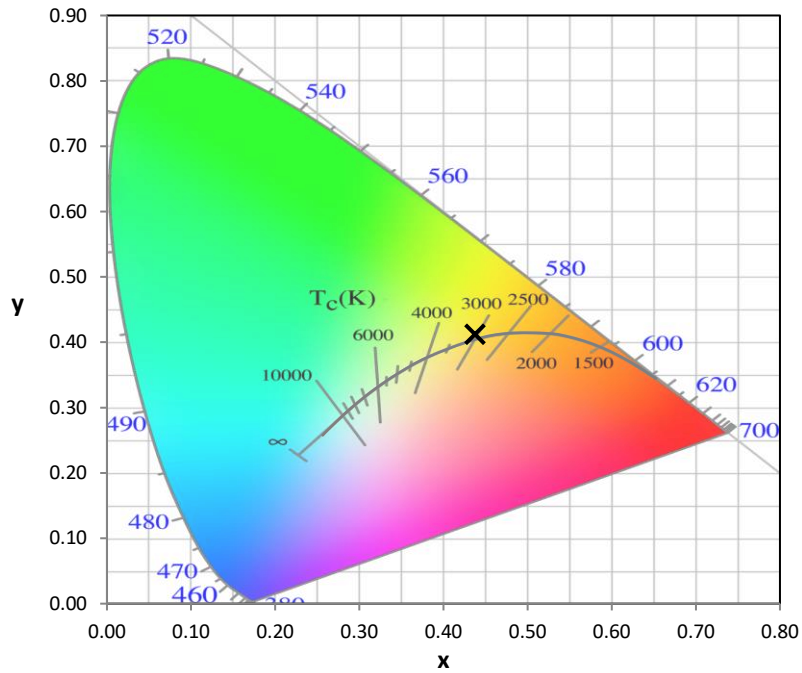
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

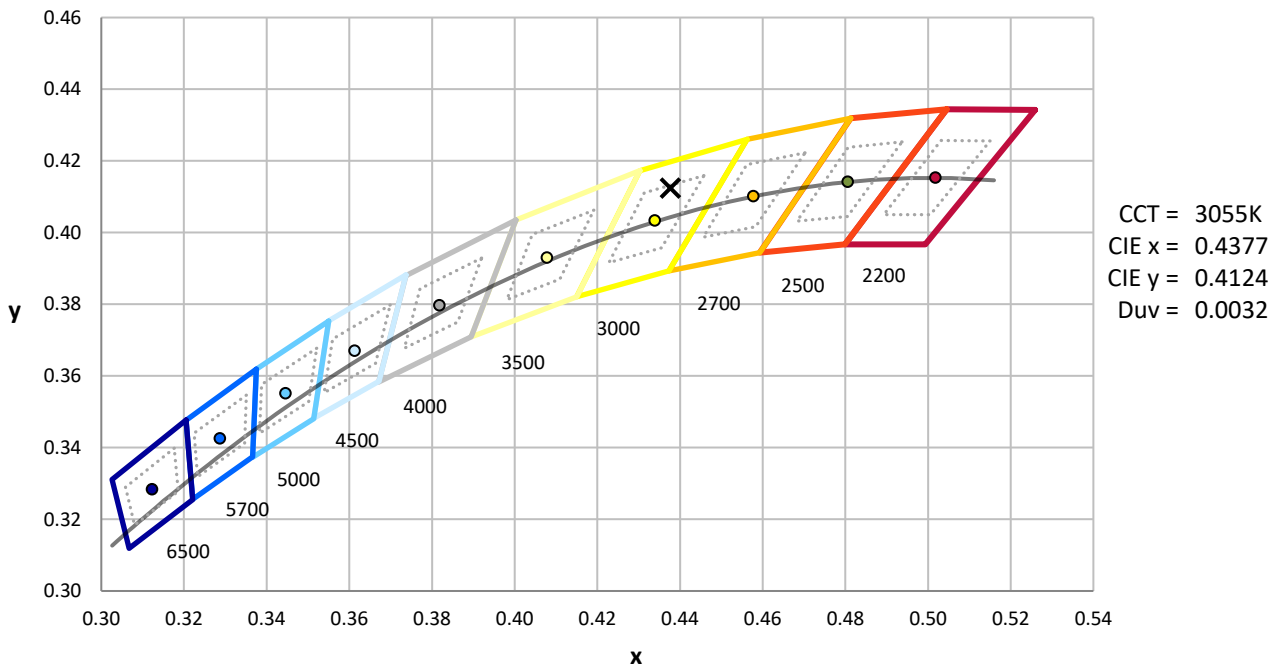
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

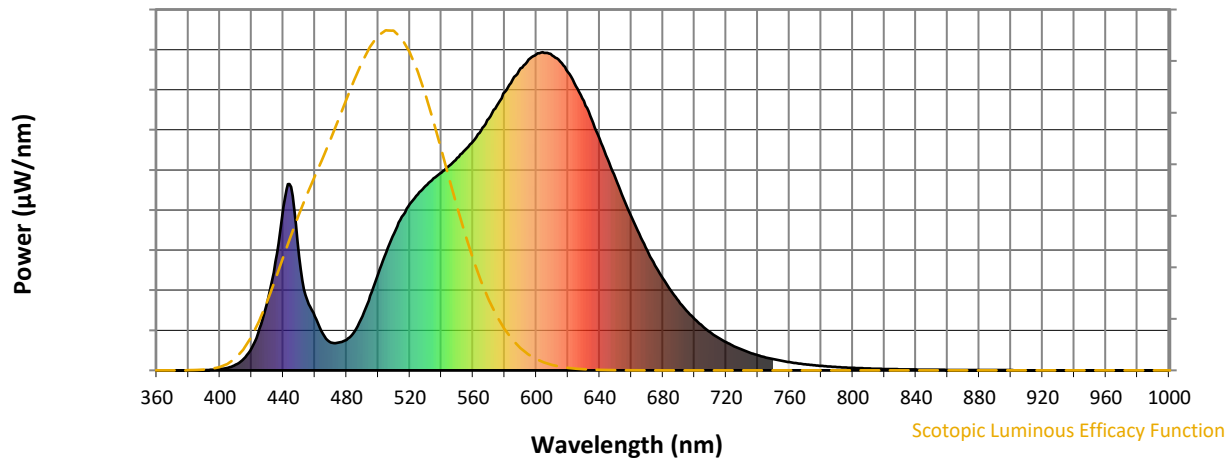


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



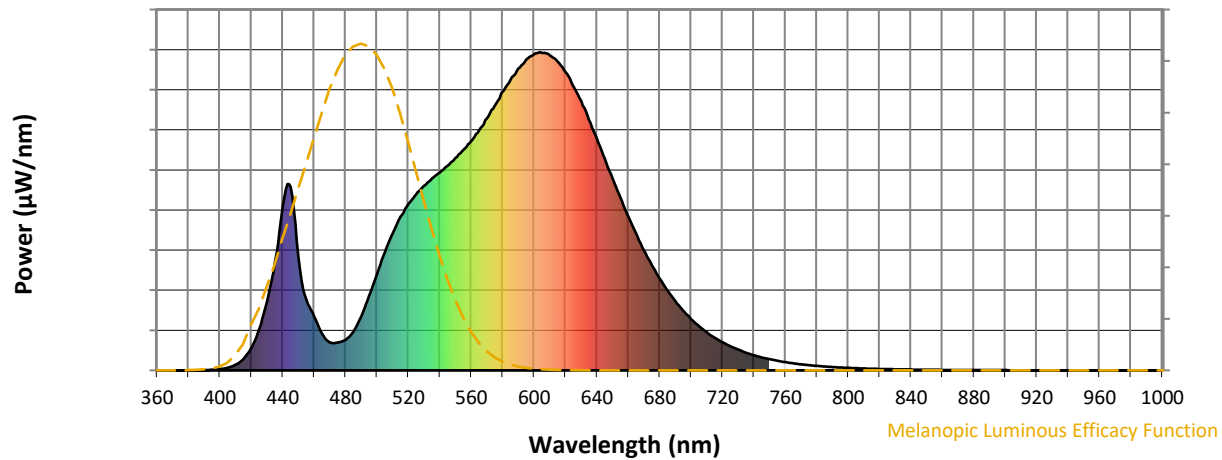
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

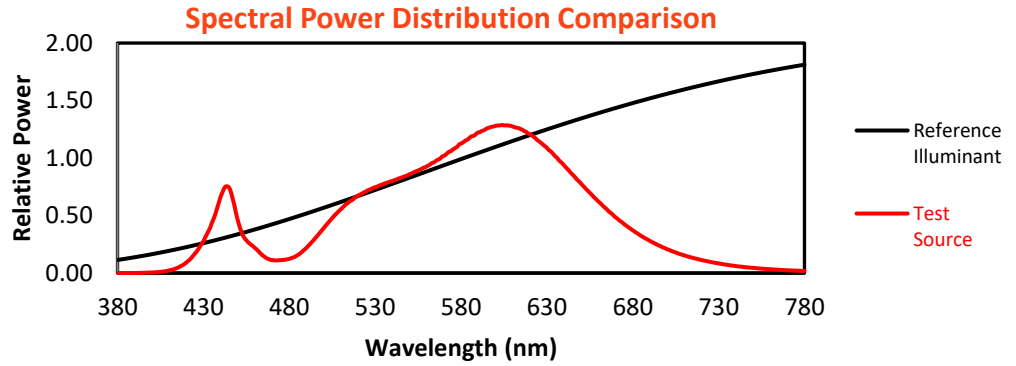
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

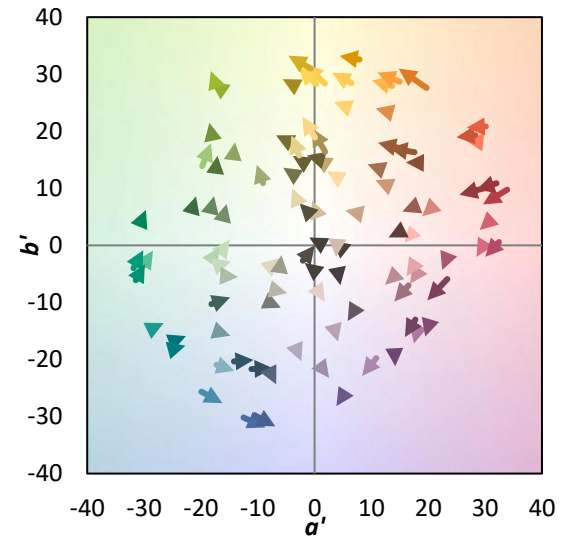
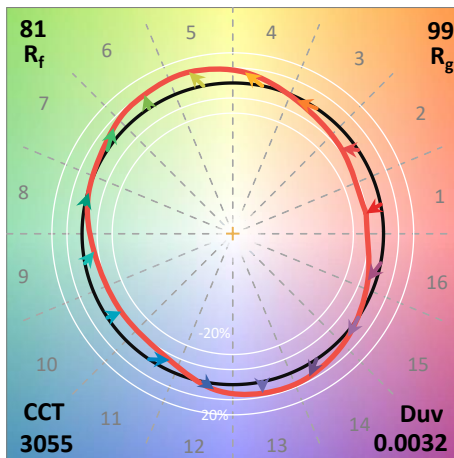
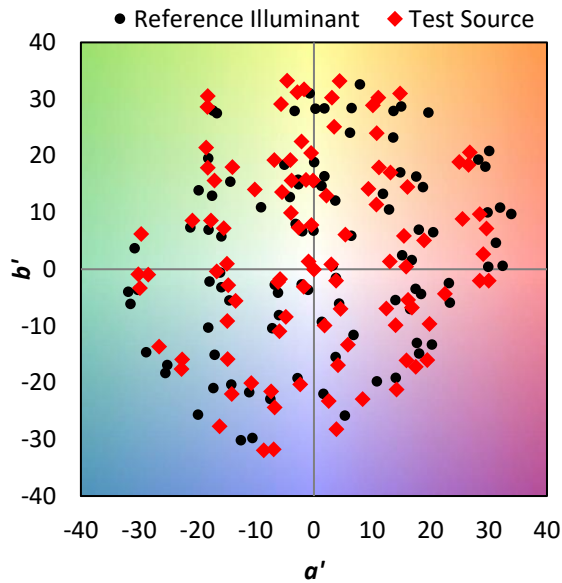
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

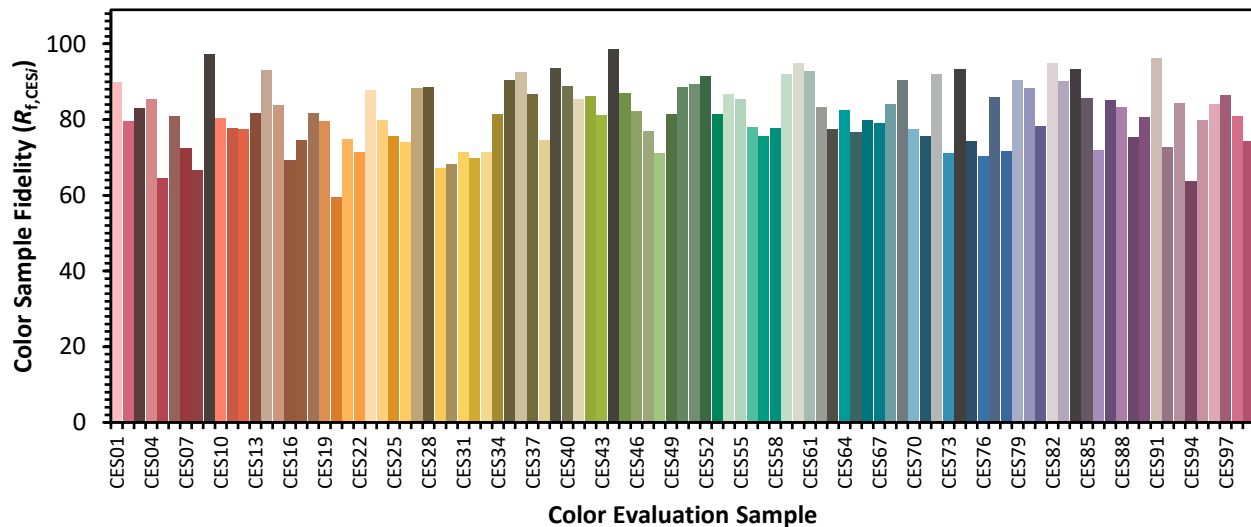


Color Vector Graphics

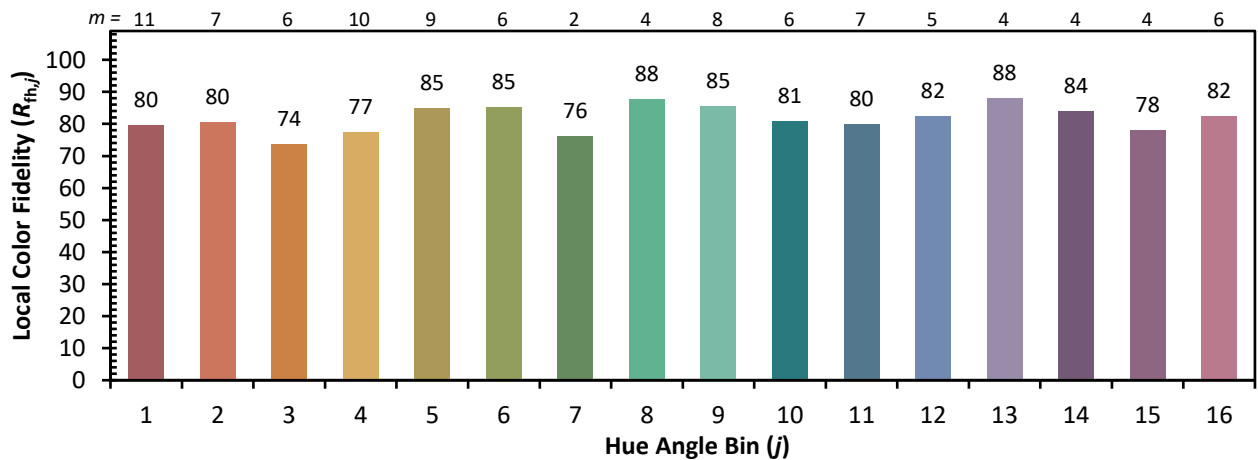
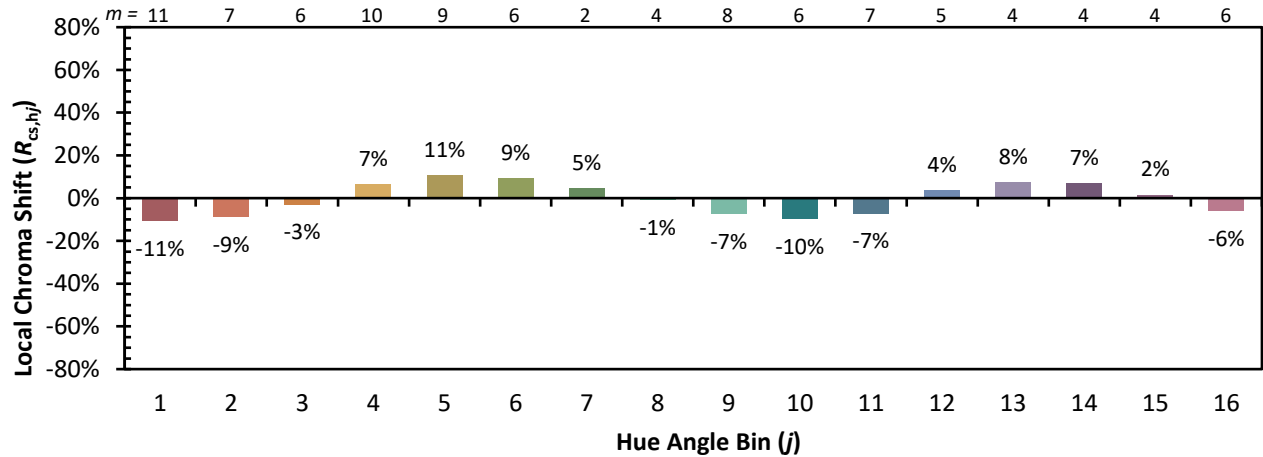


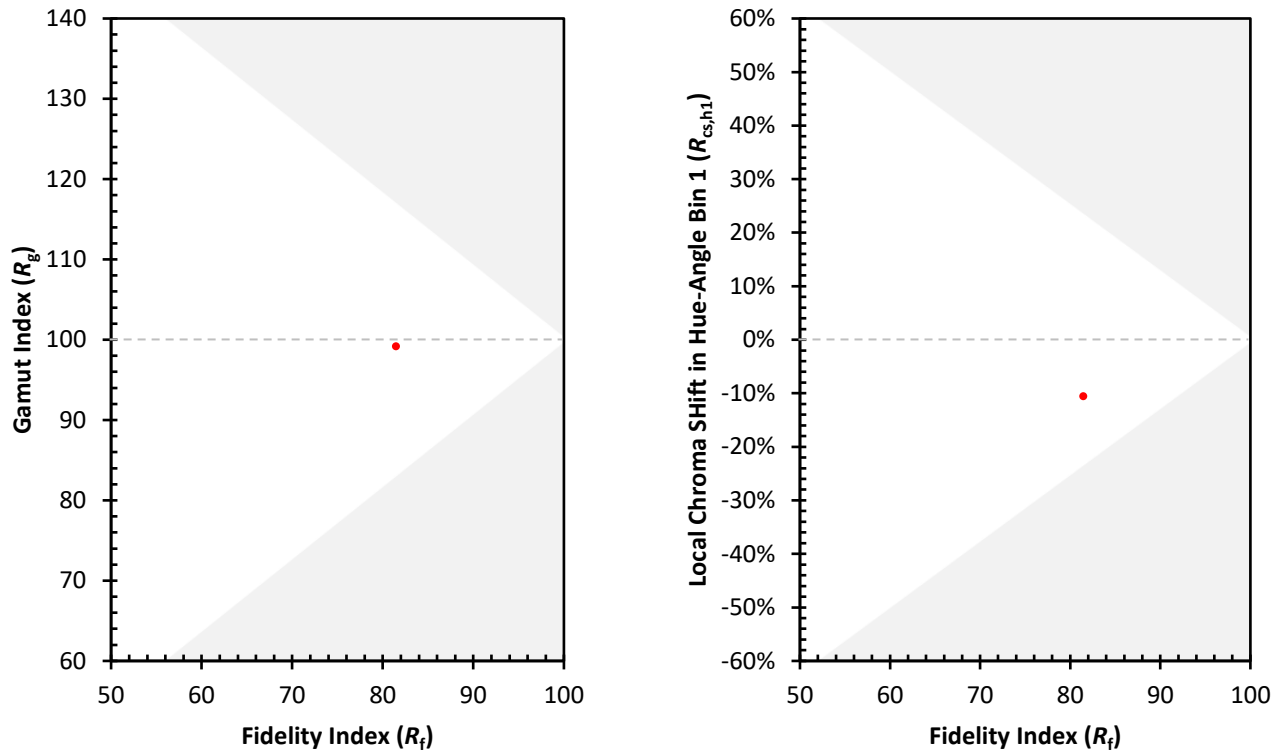
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	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 = 93
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 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	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)