

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: P1048042

Luminaire Tested: **GALN-SA6B-850-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048042
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-850-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24262.6 lumens
Efficiency: N/A
Efficacy: 113.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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



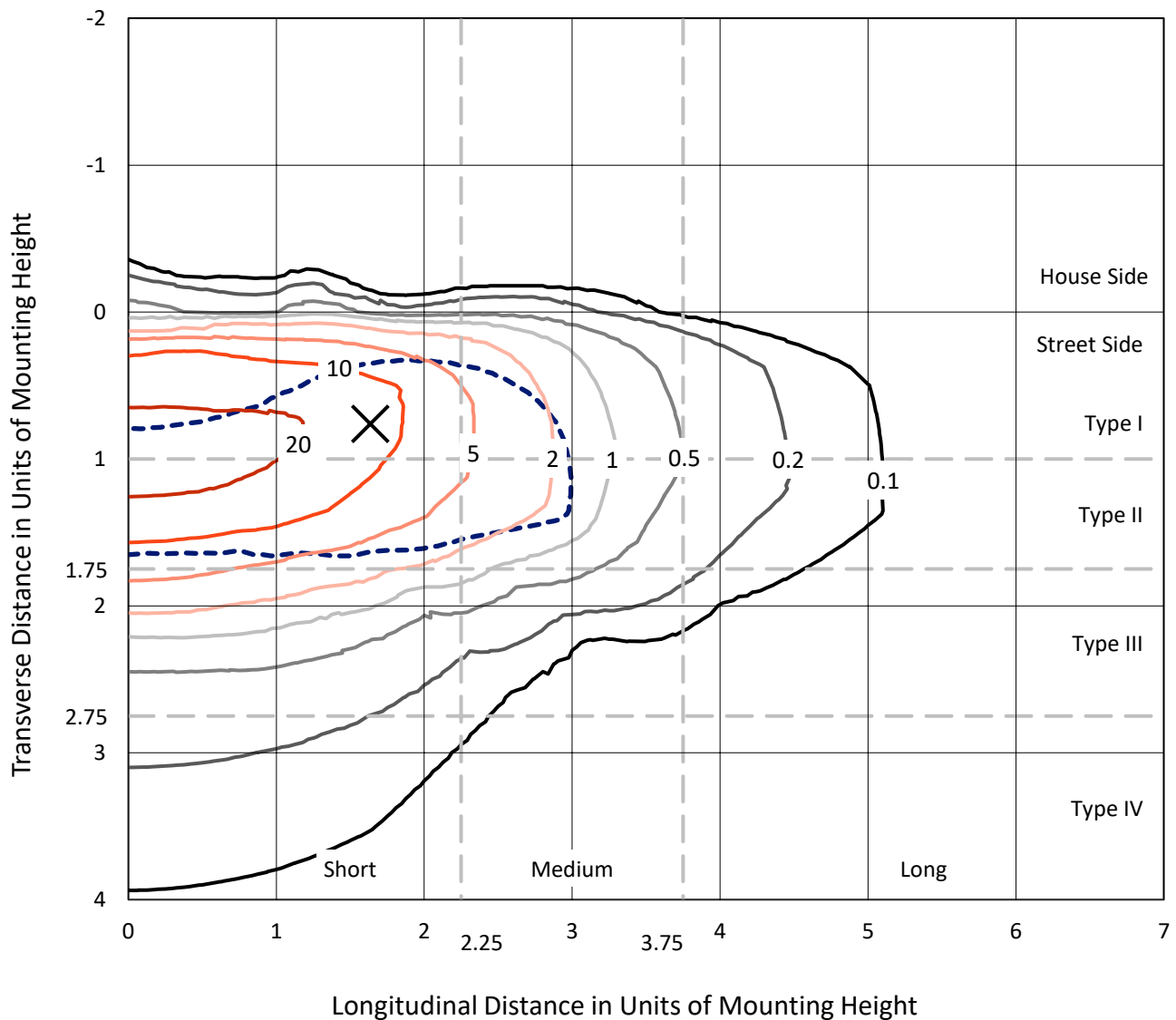
REPORT NUMBER: P1048042

CATALOG NUMBER: GALN-SA6B-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

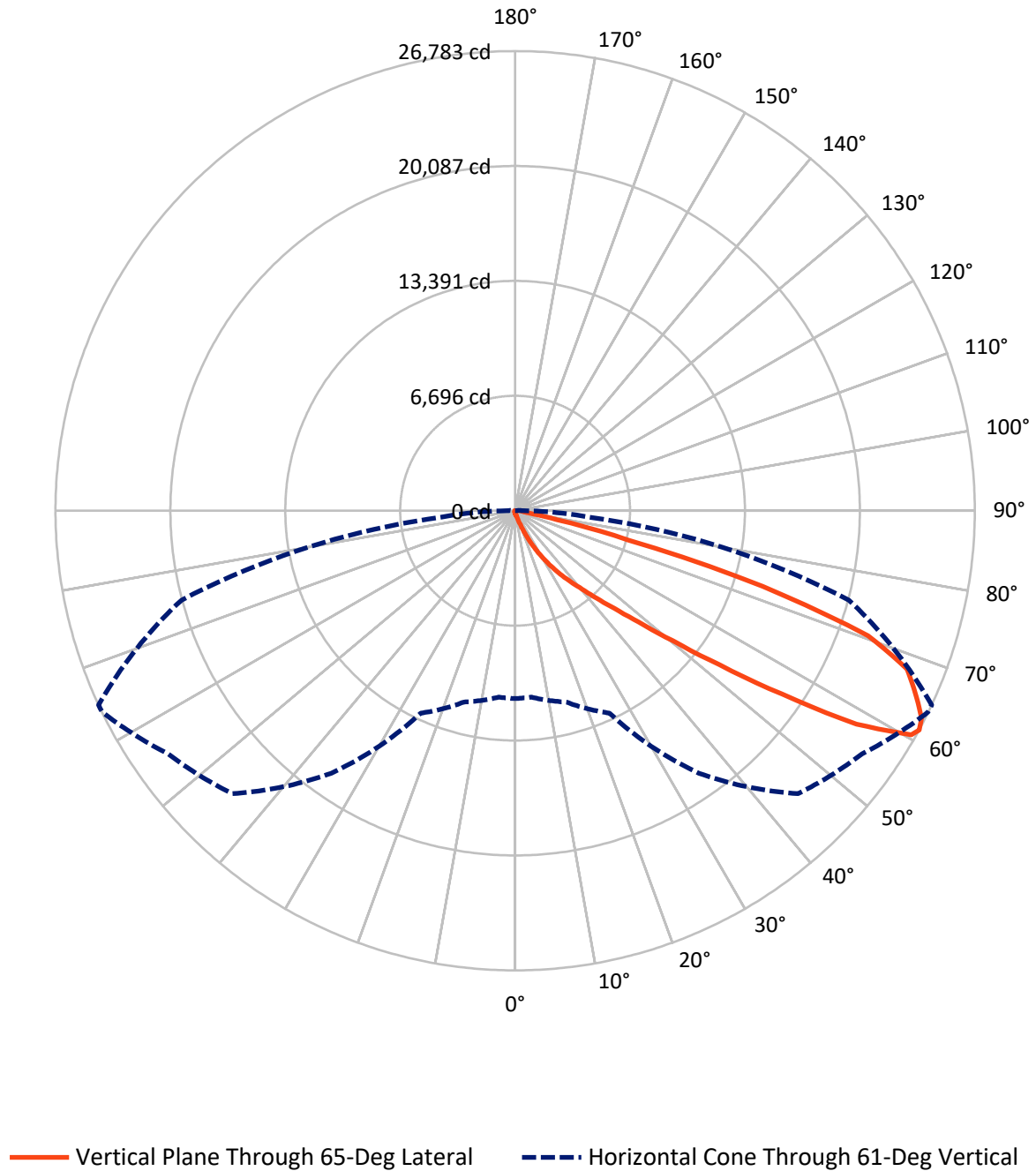


Based on 15 foot mounting height. Maximum calculated value = 32.1 fc
Type II - Short - N/A

REPORT NUMBER: P1048042

CATALOG NUMBER: GALN-SA6B-850-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048042

CATALOG NUMBER: GALN-SA6B-850-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.6	0.0	103.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24159.1	0.0	24159.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	24262.6	0.0	24262.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	0.1
10°-20°	199.5	0.8
20°-30°	716.0	3.0
30°-40°	1906.3	7.9
40°-50°	5007.9	20.6
50°-60°	7758.3	32.0
60°-70°	6505.2	26.8
70°-80°	1914.4	7.9
80°-90°	236.2	1.0
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°	24262.6	100.0
0°-180°	24262.6	100.0



REPORT NUMBER: P1048042

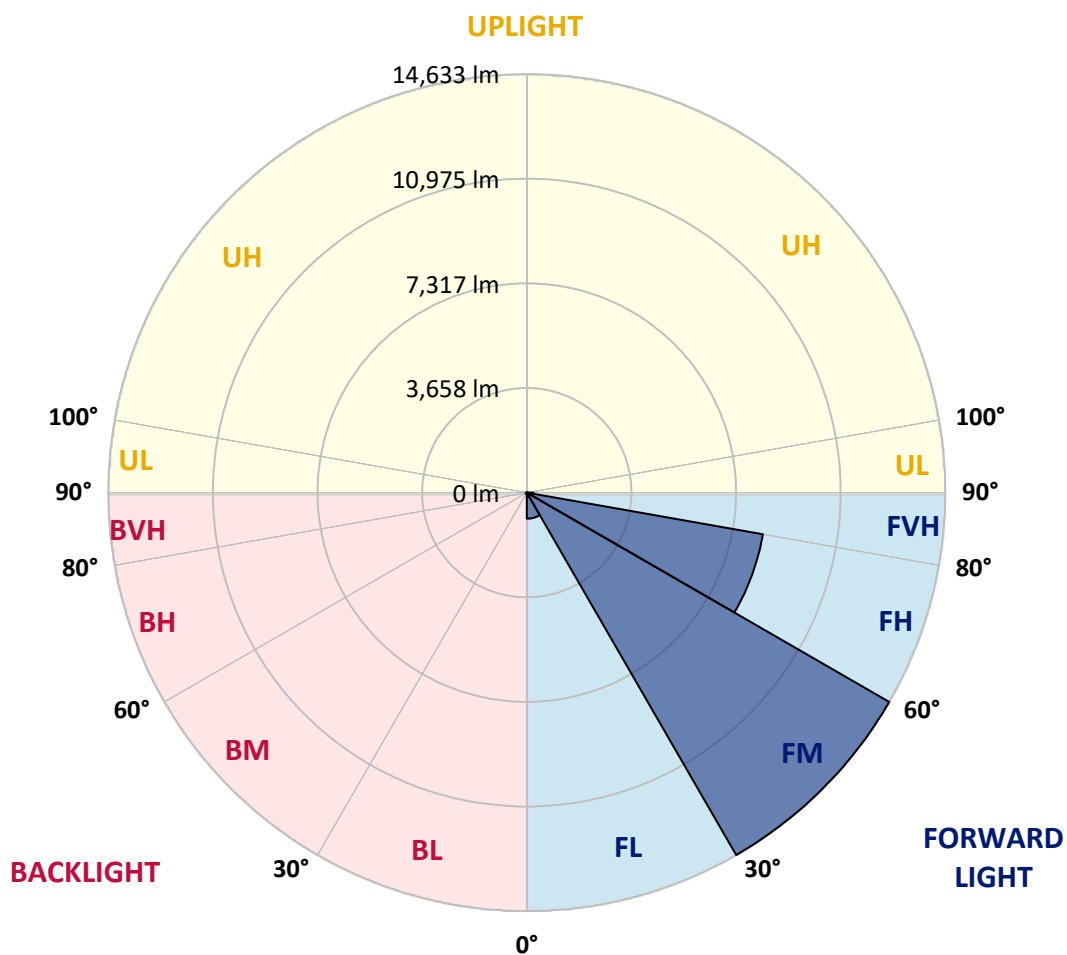
CATALOG NUMBER: GALN-SA6B-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	911.2	3.8			
FM	(30°-60°)	14633.1	60.3			
FH	(60°-80°)	8383.0	34.6			G4/12000
FVH	(80°-90°)	231.8	1.0			G3/500
BL	(0°-30°)	23.2	0.1	B0/110		
BM	(30°-60°)	39.4	0.2	B0/220		
BH	(60°-80°)	36.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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-G4

Type II Short



REPORT NUMBER: P1048042

CATALOG NUMBER: GALN-SA6B-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5
2.5°	180.3	181.9	178.6	171.9	166.9	166.9	165.2	160.2	160.2	155.2	151.9
5°	252.0	248.7	242.0	228.7	217.0	205.3	193.6	181.9	180.3	165.2	155.2
7.5°	412.2	415.6	393.9	352.2	317.1	272.0	230.3	205.3	202.0	176.9	156.9
10°	904.6	879.6	829.5	667.6	549.1	413.9	307.1	238.7	235.3	190.3	160.2
12.5°	1649.0	1629.0	1537.2	1370.3	1064.8	741.0	449.0	295.4	285.4	202.0	161.9
15°	2376.7	2345.0	2294.9	2126.3	1769.1	1328.5	734.4	403.9	377.2	218.6	160.2
17.5°	2840.7	2845.7	2800.6	2728.8	2498.5	1966.1	1268.4	602.5	550.8	248.7	156.9
20°	3246.2	3234.5	3259.6	3221.2	3059.3	2672.1	1845.9	954.7	866.2	297.1	158.6
22.5°	3713.5	3741.9	3760.3	3751.9	3573.3	3242.9	2501.8	1428.7	1316.8	385.5	163.6
25°	4339.4	4336.1	4337.8	4316.1	4142.5	3775.3	3159.4	2017.8	1904.3	529.1	175.2
27.5°	4995.3	5015.4	5023.7	4945.3	4718.3	4357.8	3768.6	2662.1	2528.5	759.4	190.3
30°	5891.6	5874.9	5836.5	5676.3	5400.9	4953.6	4369.5	3338.0	3197.8	1081.5	213.6
32.5°	7100.0	7081.6	6888.0	6534.2	6121.9	5574.5	4973.6	4015.6	3845.4	1483.7	245.3
35°	9091.1	9119.5	8643.8	7727.5	6988.1	6320.5	5642.9	4689.9	4539.7	1979.4	288.7
37.5°	12140.4	11985.2	11339.2	9720.3	8128.1	7251.8	6282.2	5370.9	5240.7	2590.3	345.5
40°	15102.9	14949.3	14762.4	13228.6	10109.2	8278.3	7176.7	6170.3	6001.8	3279.6	428.9
42.5°	18217.2	18132.1	18123.8	16967.1	13724.3	9892.2	8253.3	7106.6	6963.1	4035.7	565.8
45°	20423.7	20338.5	20517.1	20719.1	18647.8	13350.4	10127.5	8323.3	8114.7	4953.6	784.4
47.5°	20720.8	20724.1	21201.4	21834.0	22306.3	18699.6	12624.4	9935.6	9681.9	6267.1	1151.6
50°	19732.7	19771.1	20530.5	21662.1	22933.9	23187.5	17027.2	12275.6	11900.0	7824.3	1672.3
52.5°	17851.7	17895.1	18953.3	20814.2	22356.4	24265.7	22211.2	15336.5	14904.3	9767.0	2406.7
55°	16157.7	16184.4	17397.8	19749.4	21660.4	23679.9	25288.8	19423.9	18856.5	12157.1	3131.1
57.5°	14480.3	14418.6	15208.0	17900.1	21541.9	22960.6	25742.8	24082.1	23456.3	14769.1	3695.2
60°	12237.2	12133.7	12767.9	14480.3	19983.0	23432.9	24893.3	26659.1	26517.2	18405.8	4130.8
61°	10947.0	10903.6	11541.2	13009.9	18671.2	23312.7	24689.7	26767.6	26782.6	20126.6	4326.1
62.5°	7817.6	7941.1	8915.8	10825.2	15638.6	22533.3	24716.4	26432.1	26580.6	22413.1	4831.8
65°	3474.9	3673.5	4431.2	5985.1	9094.4	18744.6	24479.4	25696.1	25622.6	23040.7	6574.2
67.5°	2061.2	2091.3	2468.5	3391.4	4816.8	10082.5	21602.0	24723.0	24624.6	20058.2	8179.8
70°	1623.9	1639.0	1759.1	2128.0	2795.6	3862.1	12329.0	21390.0	21819.0	16264.5	8007.9
72.5°	1540.5	1537.2	1553.8	1618.9	1760.8	1916.0	4773.4	14218.3	15091.2	11713.1	6714.4
75°	1520.5	1513.8	1497.1	1472.1	1275.1	1128.3	1478.7	6288.8	6794.5	8002.9	5055.4
77.5°	1475.4	1477.1	1480.4	1412.0	1093.2	797.8	716.0	2017.8	2481.8	5078.8	3593.4
80°	998.1	1013.1	1038.1	1011.4	983.0	577.5	505.7	717.7	727.7	2850.7	2373.3
82.5°	505.7	505.7	494.0	440.6	380.5	375.5	402.2	520.7	527.4	1442.0	1116.6
85°	305.4	322.1	328.8	298.8	273.7	252.0	307.1	413.9	428.9	559.1	260.4
87.5°	68.4	70.1	76.8	101.8	148.5	202.0	285.4	378.9	385.5	358.8	31.7
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: P1048042

CATALOG NUMBER: GALN-SA6B-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5
2.5°	150.2	146.9	145.2	140.2	135.2	130.2	126.8	125.2	126.8	128.5	128.5
5°	148.5	143.5	135.2	126.8	120.2	113.5	106.8	105.1	105.1	106.8	106.8
7.5°	148.5	140.2	128.5	118.5	108.5	98.5	93.5	90.1	91.8	91.8	91.8
10°	148.5	138.5	123.5	108.5	96.8	85.1	76.8	73.4	73.4	73.4	73.4
12.5°	146.9	136.9	118.5	100.1	83.5	70.1	60.1	55.1	56.7	56.7	56.7
15°	143.5	131.9	111.8	85.1	66.8	53.4	43.4	38.4	40.1	43.4	45.1
17.5°	138.5	126.8	100.1	71.8	53.4	40.1	30.0	26.7	28.4	33.4	33.4
20°	136.9	121.8	88.5	58.4	40.1	28.4	20.0	16.7	18.4	25.0	26.7
22.5°	136.9	118.5	80.1	48.4	30.0	18.4	11.7	6.7	6.7	11.7	11.7
25°	138.5	116.8	73.4	40.1	21.7	13.4	6.7	3.3	6.7	18.4	21.7
27.5°	141.9	115.2	70.1	33.4	16.7	11.7	5.0	11.7	20.0	20.0	20.0
30°	145.2	111.8	65.1	28.4	15.0	8.3	8.3	16.7	16.7	20.0	21.7
32.5°	150.2	110.2	61.8	25.0	11.7	6.7	11.7	10.0	10.0	11.7	13.4
35°	160.2	111.8	58.4	25.0	11.7	8.3	10.0	5.0	3.3	3.3	3.3
37.5°	173.6	113.5	53.4	21.7	10.0	10.0	5.0	0.0	0.0	0.0	0.0
40°	195.3	118.5	50.1	20.0	8.3	8.3	1.7	0.0	0.0	0.0	0.0
42.5°	232.0	128.5	48.4	18.4	8.3	6.7	0.0	0.0	0.0	0.0	0.0
45°	305.4	151.9	45.1	16.7	8.3	3.3	0.0	0.0	0.0	0.0	0.0
47.5°	438.9	207.0	43.4	13.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	640.9	280.4	41.7	11.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	817.8	295.4	28.4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	837.8	203.6	21.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	667.6	131.9	18.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	505.7	100.1	16.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	485.7	90.1	16.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	535.8	78.4	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	871.2	65.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1513.8	56.7	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1912.7	53.4	10.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1667.3	48.4	10.0	3.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1003.1	41.7	10.0	6.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	525.7	31.7	10.0	8.3	5.0	1.7	0.0	0.0	0.0	0.0	0.0
80°	255.4	28.4	11.7	8.3	6.7	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	100.1	23.4	13.4	11.7	8.3	5.0	1.7	0.0	0.0	0.0	0.0
85°	45.1	20.0	15.0	13.4	11.7	6.7	1.7	0.0	0.0	0.0	0.0
87.5°	23.4	18.4	16.7	15.0	11.7	8.3	3.3	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

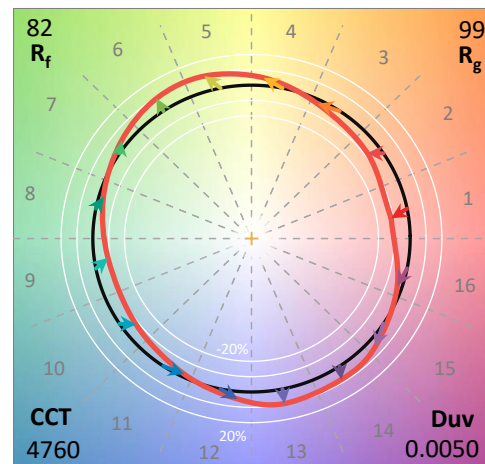
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

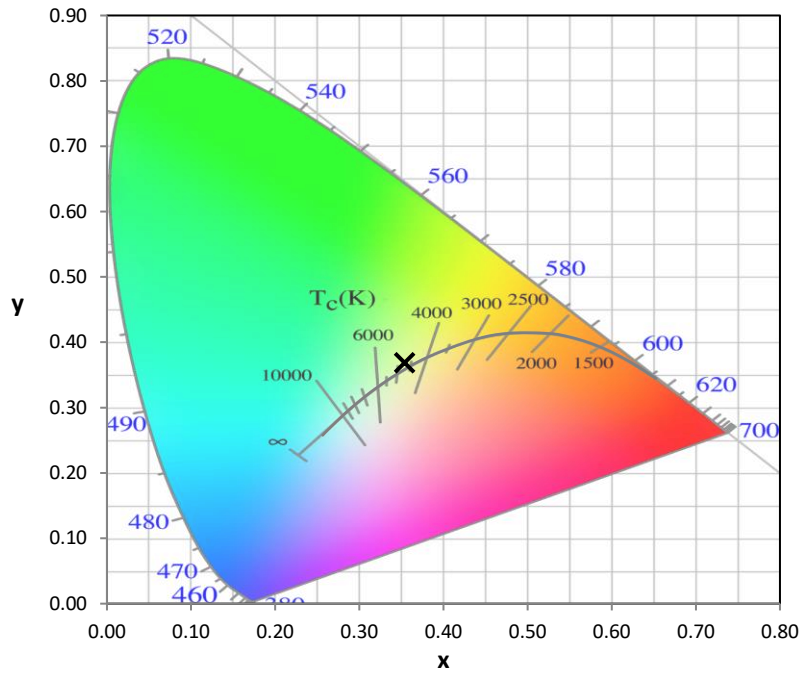
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

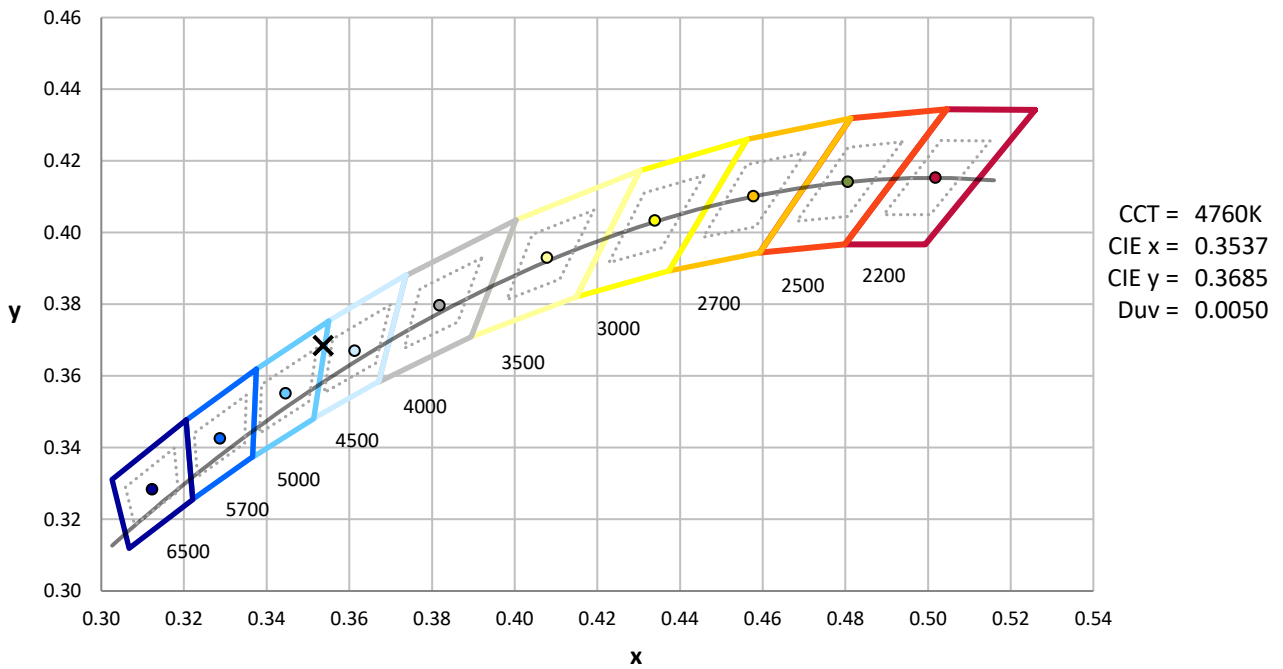
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



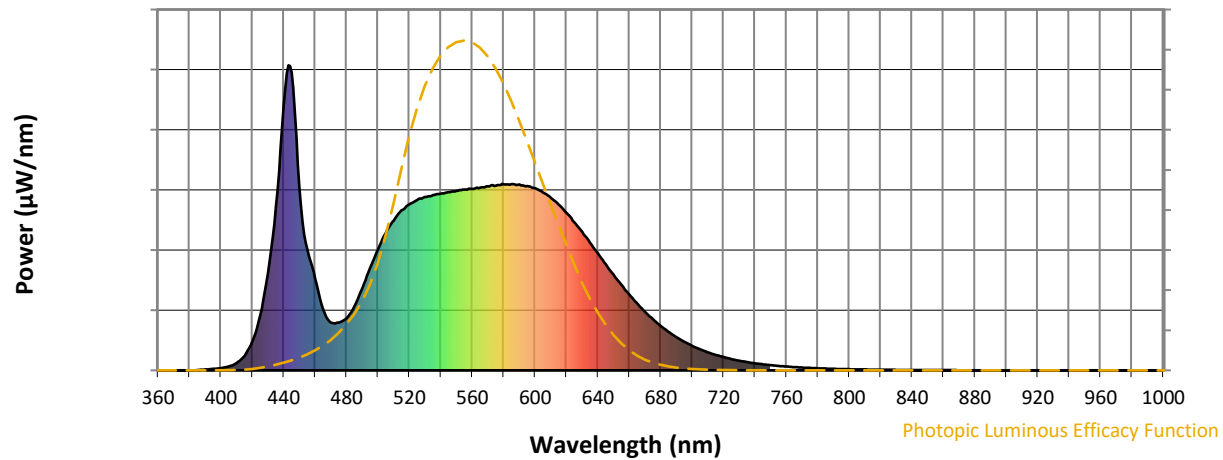
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

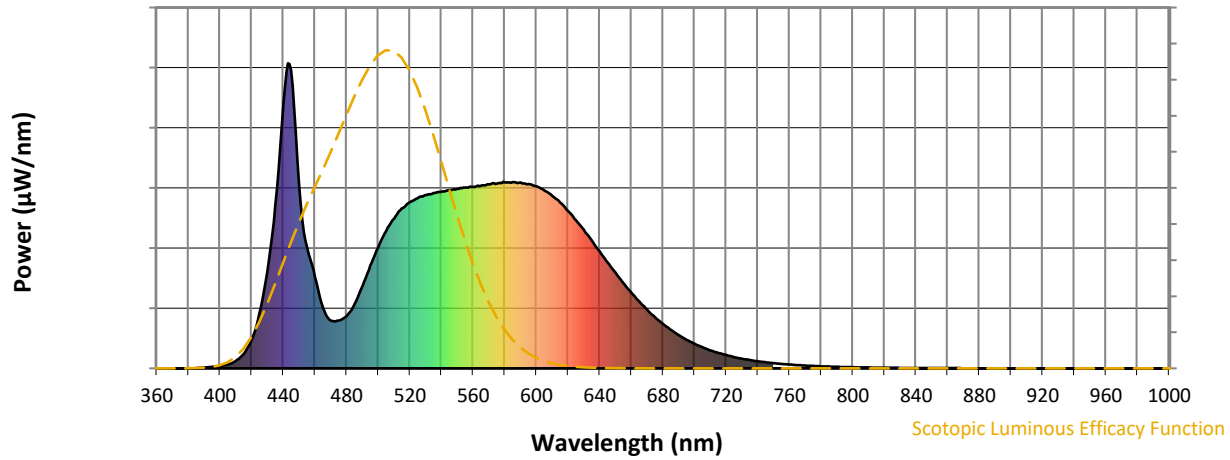


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



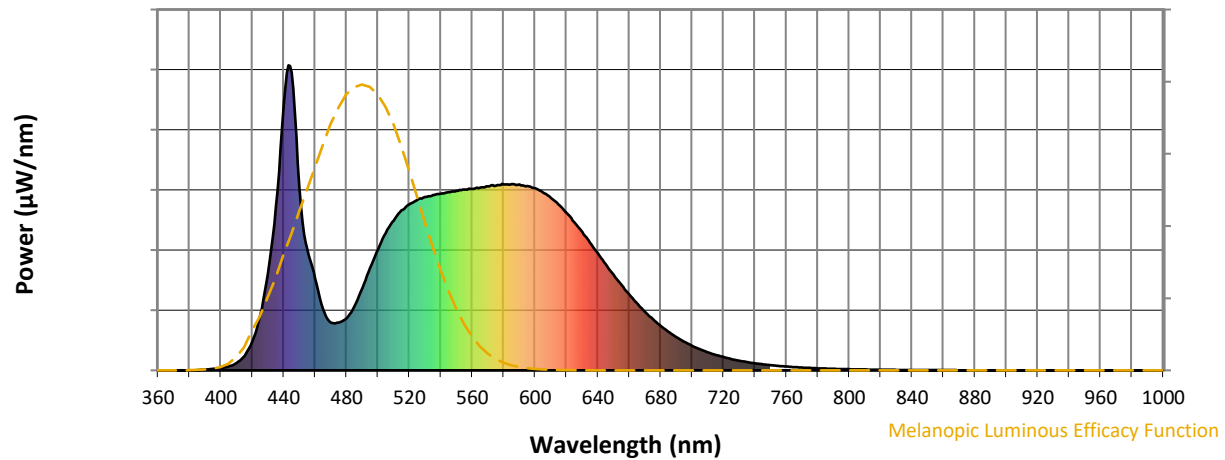
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

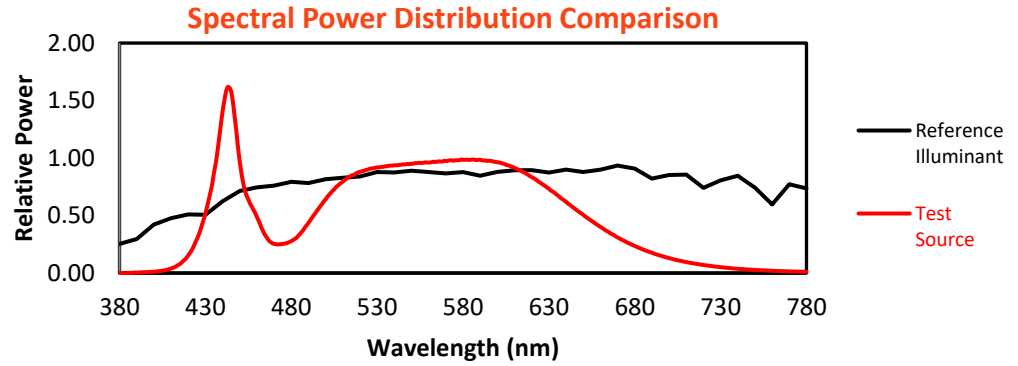
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

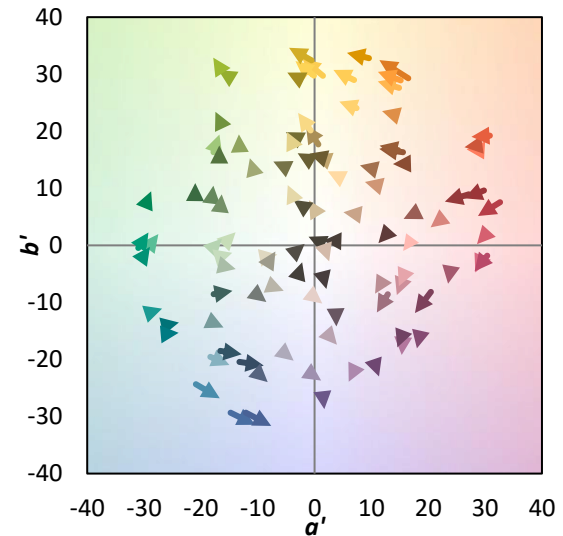
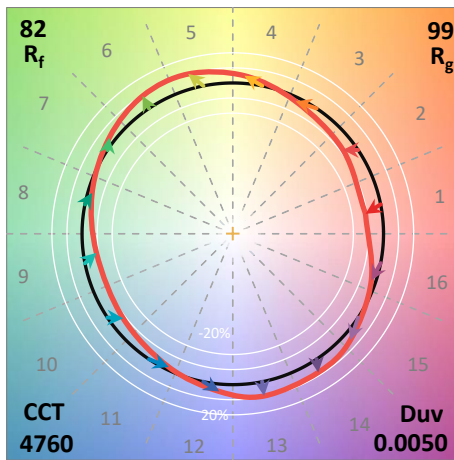
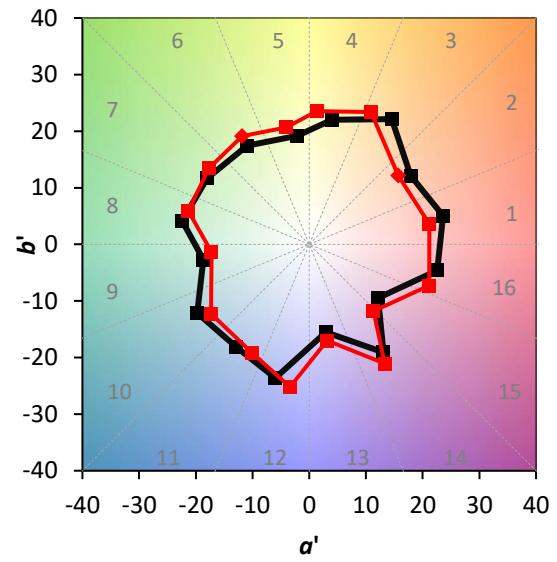
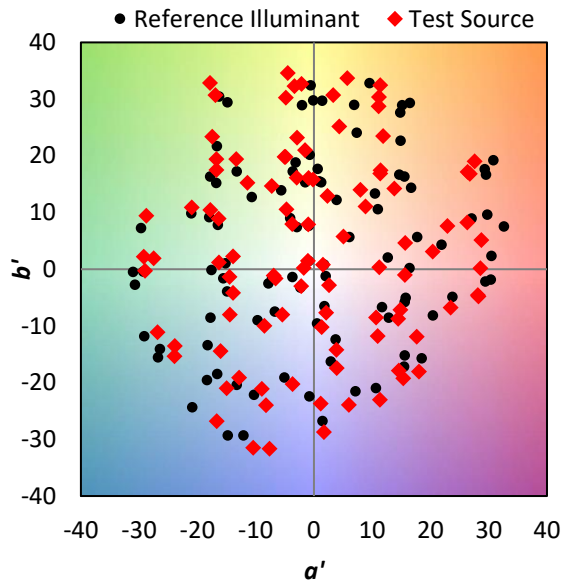
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

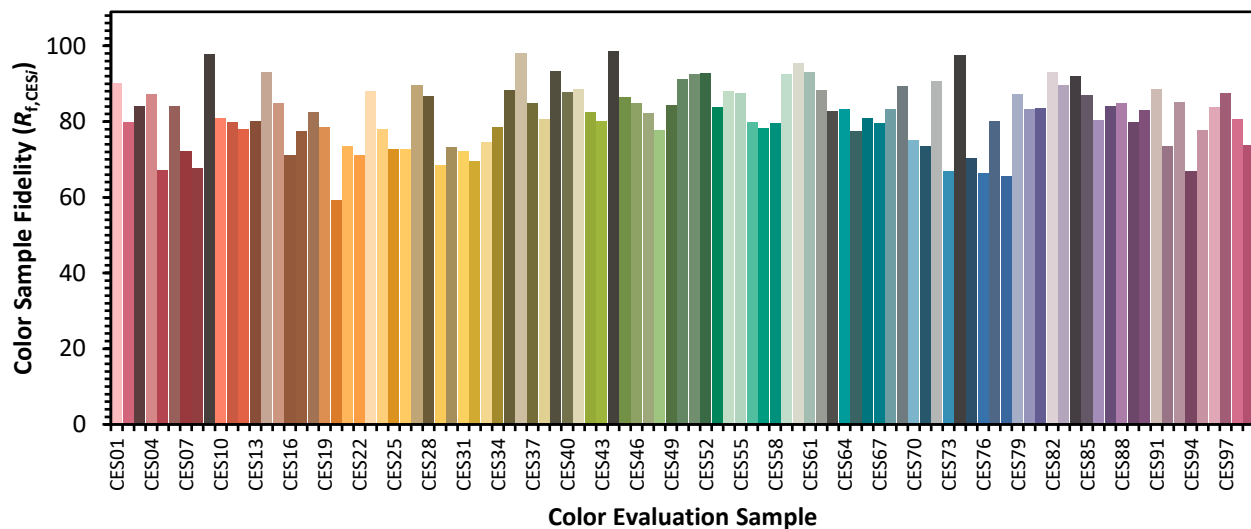


Color Vector Graphics

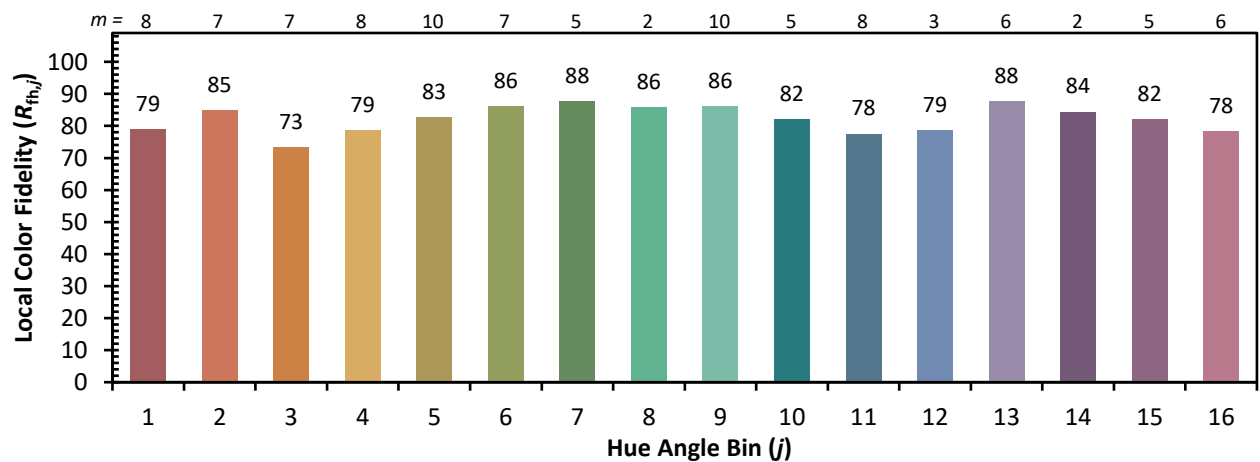
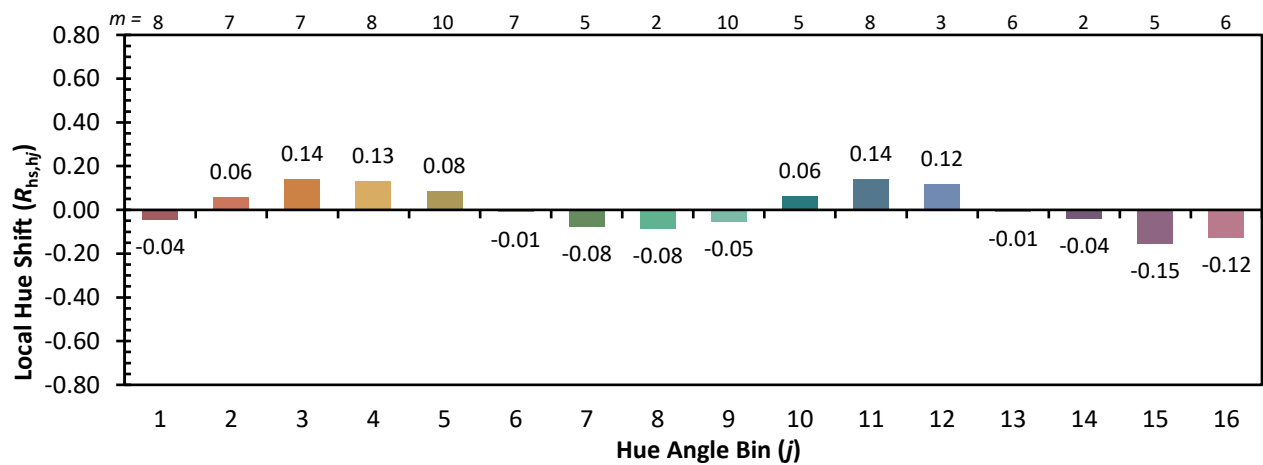
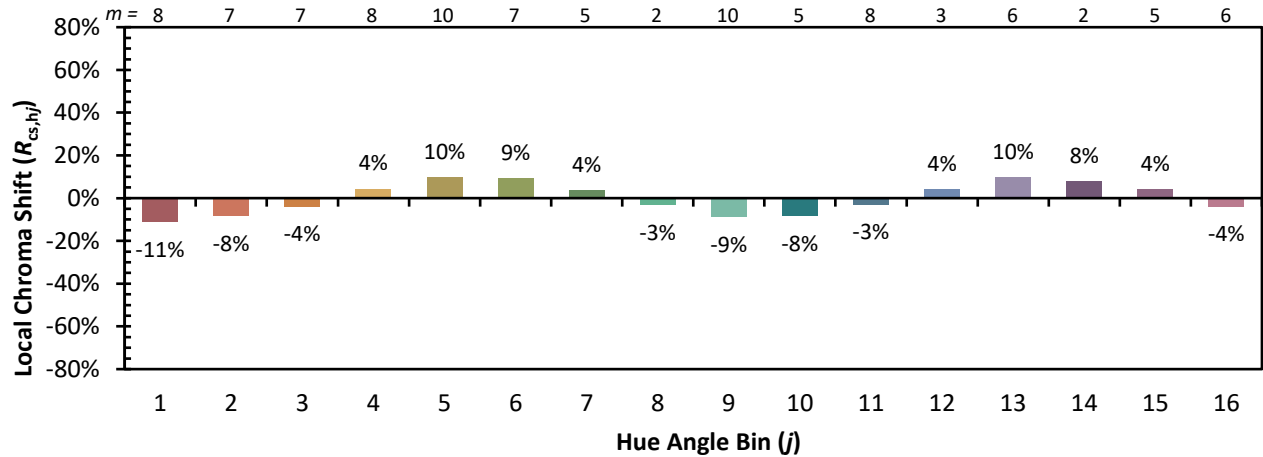


Individual Sample Fidelity Index ($R_{f,i}$)

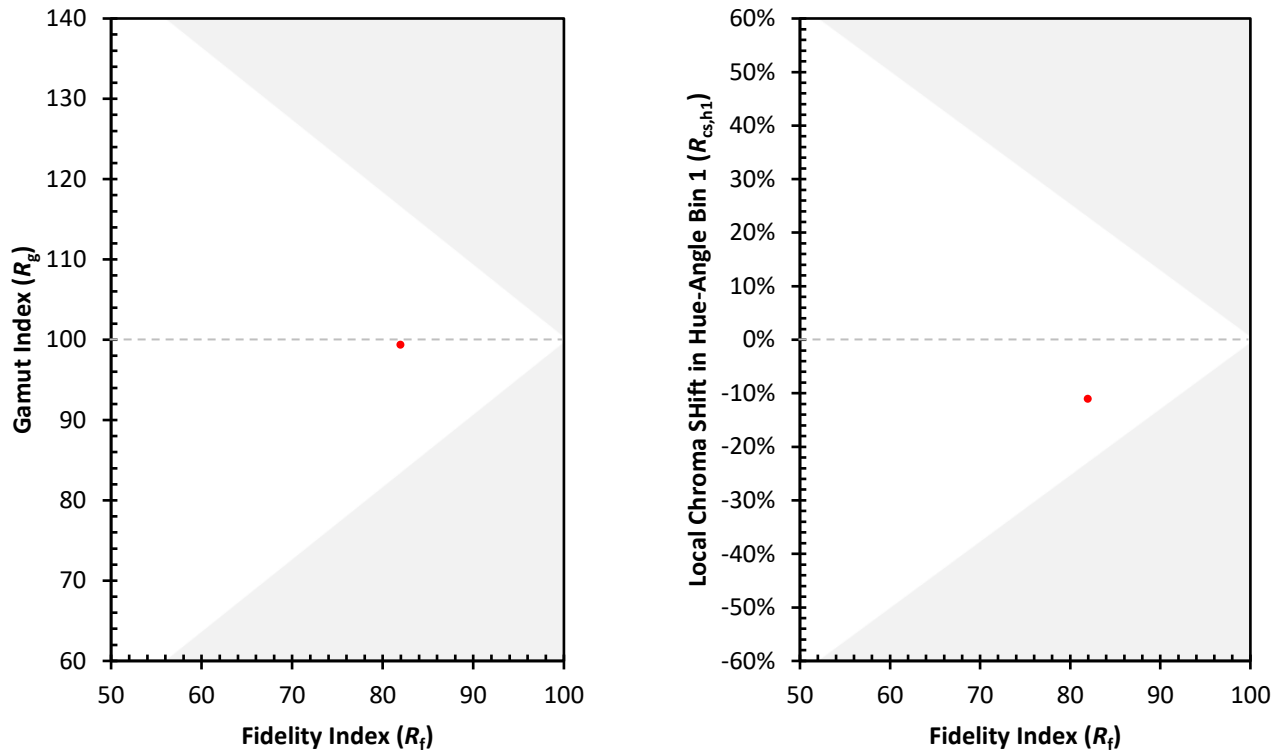
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)