

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: P1048519

Luminaire Tested: **GALN-SA8C-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048519
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38454.4 lumens
Efficiency: N/A
Efficacy: 103.1 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): 372.9
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

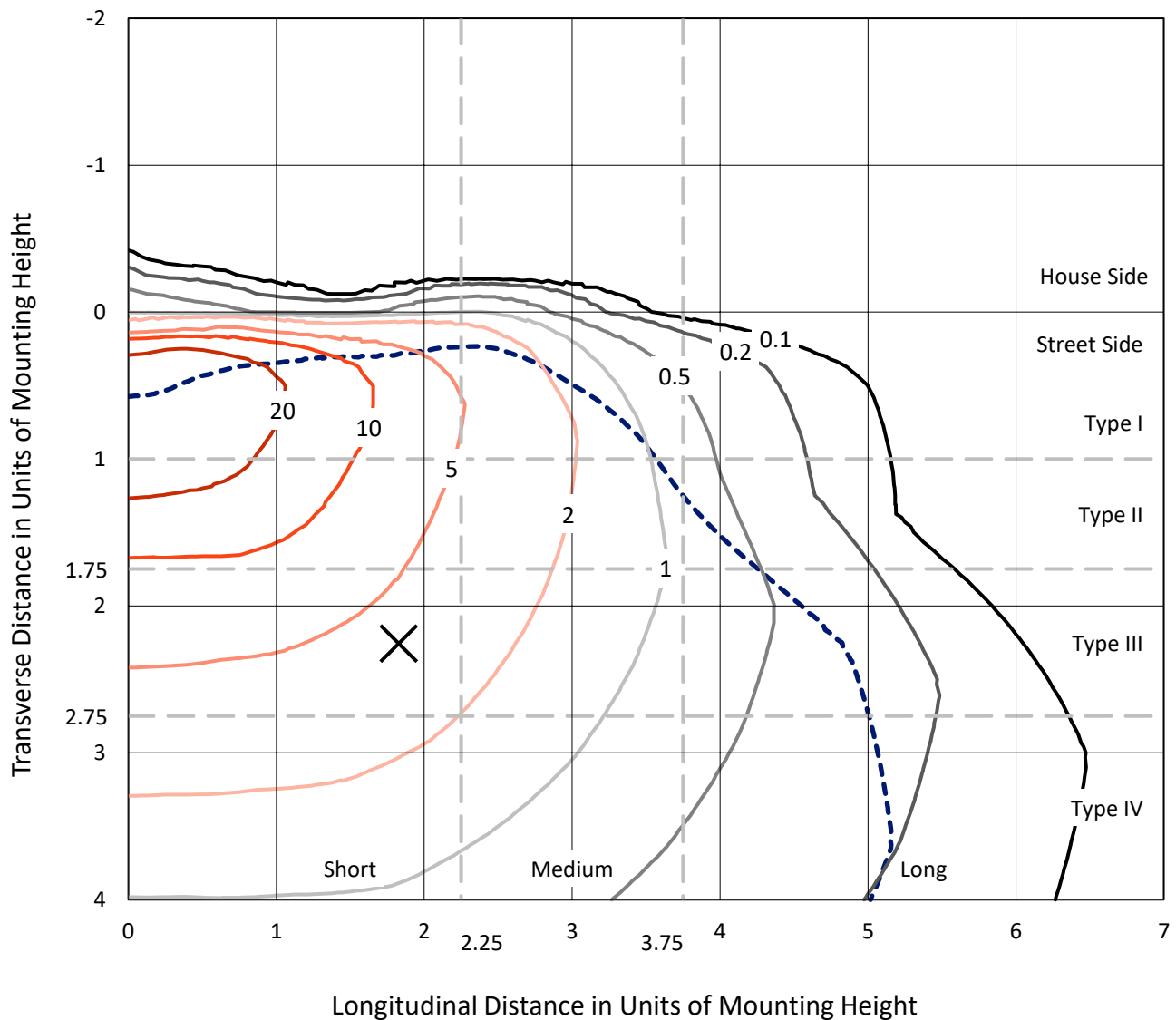


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

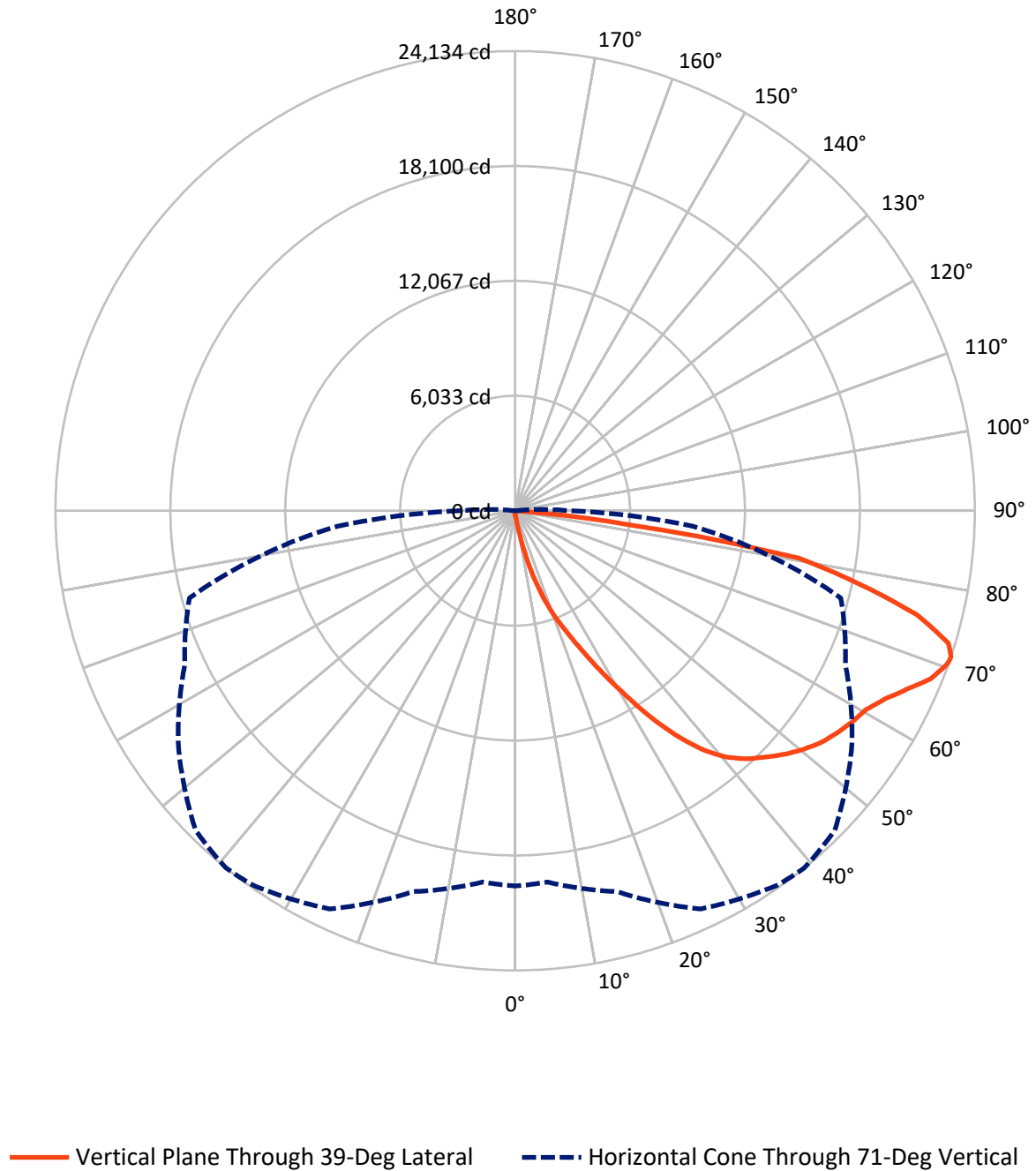


Based on 15 foot mounting height. Maximum calculated value = 39.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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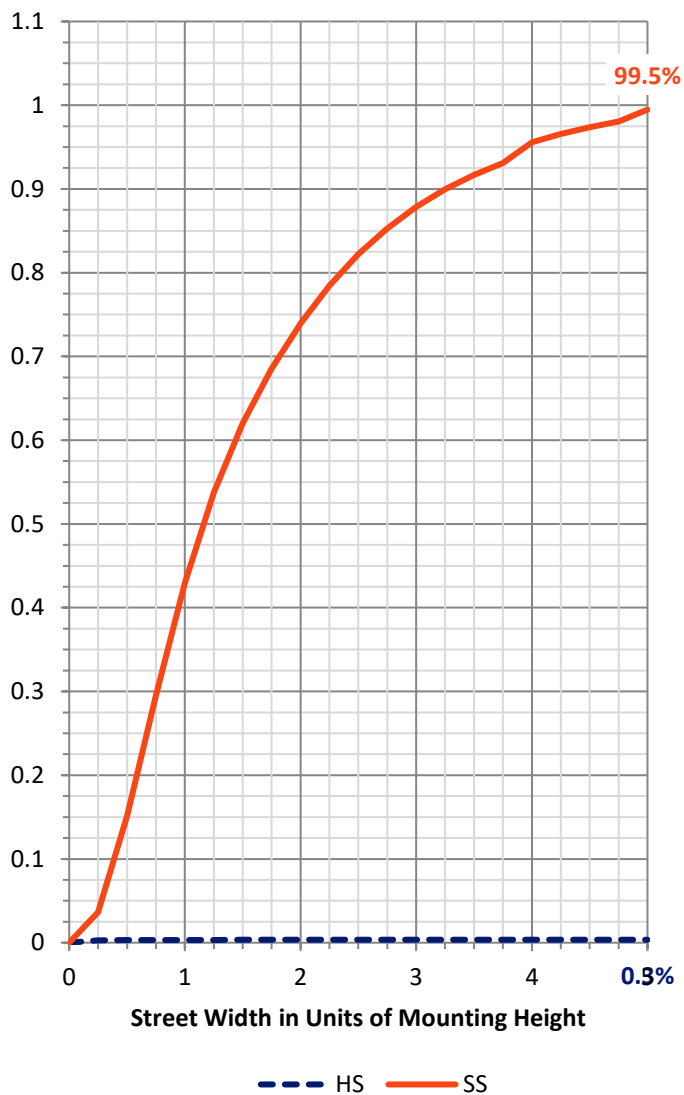
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	136.6	0.0	136.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38317.8	0.0	38317.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	38454.4	0.0	38454.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	0.1
10°-20°	411.0	1.1
20°-30°	1463.7	3.8
30°-40°	3527.6	9.2
40°-50°	5903.7	15.4
50°-60°	7582.6	19.7
60°-70°	9595.8	25.0
70°-80°	8555.1	22.2
80°-90°	1382.9	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°	38454.4	100.0
0°-180°	38454.4	100.0

Coefficient of Utilization



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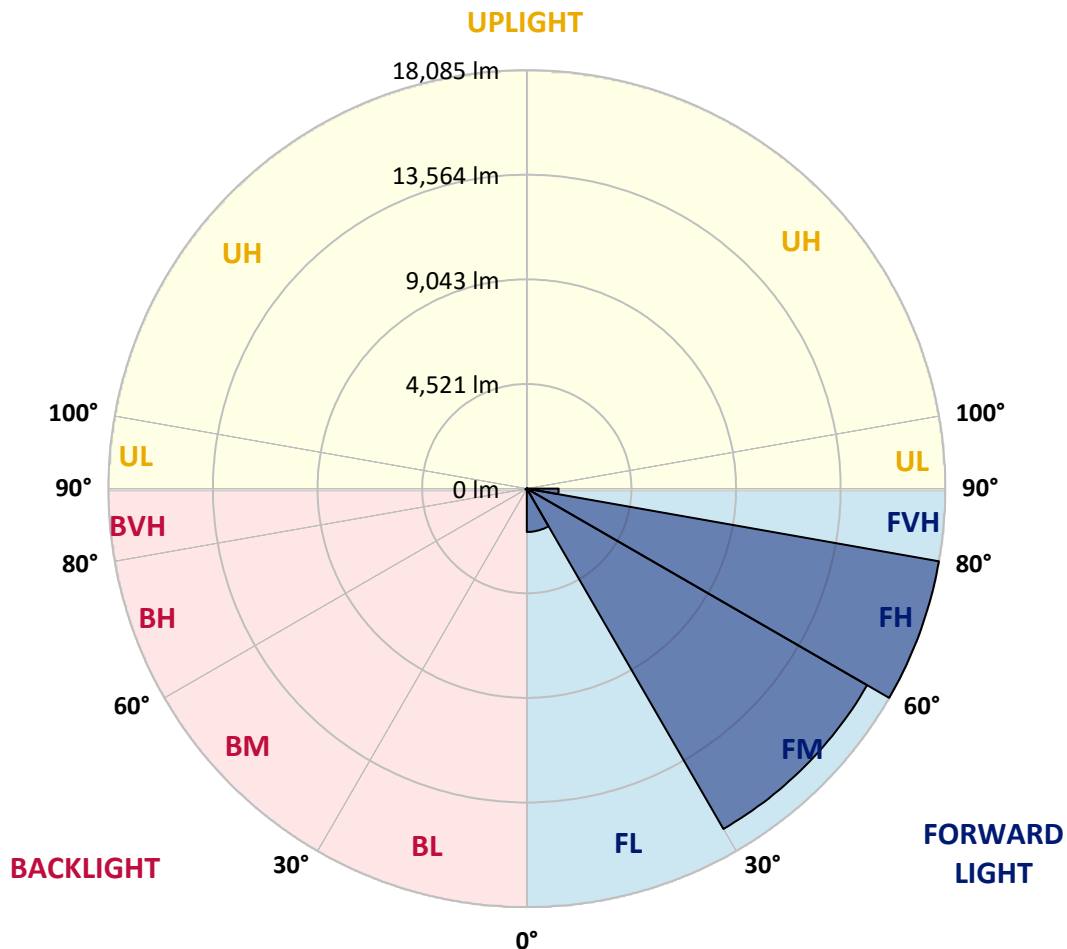
CATALOG NUMBER: GALN-SA8C-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1873.8	4.9			
FM	(30°-60°)	16982.3	44.2			
FH	(60°-80°)	18085.2	47.0			G5
FVH	(80°-90°)	1376.6	3.6			G5
BL	(0°-30°)	33.0	0.1	B0/110		
BM	(30°-60°)	31.6	0.1	B0/220		
BH	(60°-80°)	65.7	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9
2.5°	242.1	242.1	242.1	234.3	234.3	231.7	229.1	229.1	223.9	221.3	216.1
5°	367.0	359.2	341.0	330.6	309.8	296.8	283.7	265.5	247.3	234.3	218.7
7.5°	830.4	848.6	788.8	676.8	562.3	512.8	429.5	346.2	286.3	247.3	221.3
10°	2116.4	2106.0	1902.9	1679.0	1296.4	1142.8	895.5	564.9	369.6	270.7	223.9
12.5°	3600.2	3589.8	3350.3	3045.7	2540.7	2220.5	1751.9	1054.3	531.0	307.2	223.9
15°	4847.1	4805.4	4729.9	4428.0	3837.1	3568.9	2949.4	1863.9	859.0	369.6	229.1
17.5°	5672.3	5635.8	5565.6	5456.2	5081.4	4763.8	4266.6	2928.6	1390.1	479.0	239.5
20°	6429.8	6403.8	6346.5	6325.7	6083.6	5914.4	5503.1	4152.0	2165.8	650.8	255.1
22.5°	7471.1	7416.4	7439.8	7314.9	7078.0	6874.9	6622.4	5432.8	3113.4	937.1	283.7
25°	8746.6	8720.6	8655.5	8567.0	8239.0	8062.0	7674.1	6640.7	4172.9	1312.0	315.0
27.5°	10287.7	10259.1	10243.4	10040.4	9662.9	9470.3	8928.8	7780.8	5365.1	1837.8	356.6
30°	12063.1	12076.1	11974.5	11714.2	11274.3	11003.6	10446.5	8975.7	6586.0	2454.8	400.9
32.5°	13900.9	13874.9	13718.7	13411.5	13018.4	12765.9	12057.8	10285.1	7866.8	3269.6	453.0
35°	15881.9	15832.4	15421.1	15069.7	14733.9	14416.3	13770.7	11805.3	9147.5	4183.3	523.2
37.5°	17881.1	17649.4	16824.2	16379.1	16147.4	15887.1	15285.8	13427.1	10420.5	5203.7	609.1
40°	19391.0	19211.3	18232.5	17412.5	17227.7	17006.5	16558.7	14827.6	11774.1	6299.7	713.3
42.5°	20226.6	20127.6	19247.8	18438.2	18003.5	17808.2	17425.6	16051.1	13112.1	7510.1	864.2
45°	20583.2	20429.6	19841.3	19463.8	18771.4	18448.6	17993.1	16975.2	14510.0	8884.6	1075.1
47.5°	20473.9	20385.4	19963.6	20101.6	19599.2	19096.8	18427.8	17683.3	15704.9	10462.1	1364.1
50°	19786.6	19711.1	19581.0	20328.1	20265.6	19672.1	18990.1	18243.0	16681.1	12089.1	1811.8
52.5°	18479.8	18448.6	18781.8	20151.1	20643.1	20179.7	19531.5	18737.6	17592.2	13788.9	2452.2
55°	16795.6	16923.2	17875.9	19875.1	20835.7	20554.6	20010.5	19200.9	18323.7	15309.2	3397.1
57.5°	16103.2	16137.0	17326.6	19679.9	20921.6	20885.2	20476.5	19643.5	18995.3	16524.9	4839.3
60°	16912.7	16860.7	17488.0	19828.3	21093.4	21181.9	20890.4	20054.8	19578.4	17568.7	6760.4
62.5°	18375.7	18347.1	18547.5	20460.8	21595.8	21775.4	21465.7	20351.5	20093.8	18256.0	8952.3
65°	19682.5	19622.6	19994.9	21582.8	22478.3	22605.9	22335.1	20859.1	20320.3	18755.8	11011.4
67.5°	20247.4	20234.4	20833.1	22650.1	23405.0	23543.0	23306.1	21559.4	20268.2	18914.6	11919.9
70°	19989.7	19940.2	20898.2	23103.1	23928.3	24084.5	23855.4	21819.7	19703.3	18412.2	10574.0
71°	19705.9	19573.2	20702.9	23071.8	24001.1	24133.9	23733.0	21582.8	19135.8	17698.9	9353.2
72.5°	18826.1	18849.5	20166.7	22746.4	23826.7	23787.7	23040.6	20734.2	18451.2	16079.7	7512.7
75°	16660.2	16798.2	18430.4	21379.8	22270.0	21772.8	20630.1	19112.4	17076.7	11529.4	5216.7
77.5°	13614.5	13820.2	15613.8	18750.6	18498.1	18448.6	18401.7	16839.9	14582.9	6192.9	3628.8
80°	6500.1	6945.2	9418.2	13385.5	14541.3	15100.9	14749.5	13570.3	11276.9	2949.4	2168.4
82.5°	424.3	419.1	593.5	1124.6	4740.4	6127.8	9735.8	9699.4	7861.5	1436.9	885.1
85°	200.4	205.6	226.5	257.7	299.4	328.0	453.0	2655.2	3761.6	684.6	192.6
87.5°	117.1	119.7	140.6	179.6	234.3	260.3	309.8	398.3	489.4	377.5	41.7
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: P1048519

CATALOG NUMBER: GALN-SA8C-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9
2.5°	213.5	210.9	203.0	195.2	187.4	182.2	179.6	182.2	182.2	184.8	184.8
5°	213.5	205.6	192.6	177.0	166.6	156.2	151.0	148.4	151.0	151.0	151.0
7.5°	210.9	197.8	179.6	161.4	148.4	135.4	130.2	127.6	127.6	130.2	130.2
10°	205.6	192.6	169.2	148.4	132.8	117.1	109.3	101.5	101.5	101.5	104.1
12.5°	203.0	184.8	156.2	135.4	114.5	96.3	80.7	72.9	75.5	75.5	75.5
15°	197.8	177.0	148.4	122.3	96.3	72.9	59.9	52.1	54.7	57.3	54.7
17.5°	197.8	174.4	138.0	106.7	75.5	54.7	44.3	39.0	39.0	41.7	41.7
20°	197.8	169.2	130.2	91.1	57.3	41.7	31.2	28.6	28.6	33.8	36.4
22.5°	203.0	169.2	119.7	75.5	46.9	31.2	23.4	20.8	23.4	28.6	31.2
25°	210.9	166.6	109.3	67.7	39.0	23.4	18.2	13.0	15.6	20.8	23.4
27.5°	218.7	164.0	98.9	59.9	31.2	18.2	13.0	10.4	7.8	10.4	10.4
30°	226.5	164.0	88.5	49.5	26.0	13.0	7.8	5.2	2.6	0.0	0.0
32.5°	231.7	158.8	80.7	39.0	20.8	10.4	5.2	2.6	0.0	0.0	0.0
35°	236.9	153.6	70.3	31.2	15.6	7.8	2.6	0.0	0.0	0.0	0.0
37.5°	242.1	145.8	59.9	26.0	13.0	5.2	0.0	0.0	0.0	0.0	0.0
40°	247.3	135.4	49.5	23.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	252.5	127.6	41.7	18.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	265.5	122.3	33.8	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	289.0	117.1	31.2	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	322.8	111.9	28.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	369.6	109.3	26.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	453.0	106.7	23.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	596.1	104.1	23.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	913.7	98.9	23.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1632.2	96.3	20.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2845.3	98.9	20.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4079.2	104.1	18.2	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	3490.8	91.1	18.2	10.4	5.2	2.6	0.0	0.0	0.0	0.0	0.0
71°	2845.3	80.7	18.2	10.4	5.2	2.6	2.6	0.0	0.0	0.0	0.0
72.5°	1830.0	62.5	15.6	10.4	5.2	5.2	2.6	0.0	0.0	0.0	0.0
75°	773.1	52.1	15.6	10.4	7.8	5.2	5.2	2.6	0.0	0.0	0.0
77.5°	330.6	39.0	15.6	13.0	10.4	7.8	7.8	5.2	2.6	0.0	0.0
80°	125.0	31.2	18.2	15.6	13.0	13.0	10.4	5.2	2.6	0.0	0.0
82.5°	57.3	26.0	18.2	15.6	15.6	13.0	10.4	7.8	5.2	0.0	0.0
85°	36.4	23.4	18.2	15.6	15.6	13.0	13.0	7.8	5.2	0.0	0.0
87.5°	28.6	23.4	18.2	18.2	15.6	15.6	10.4	7.8	2.6	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

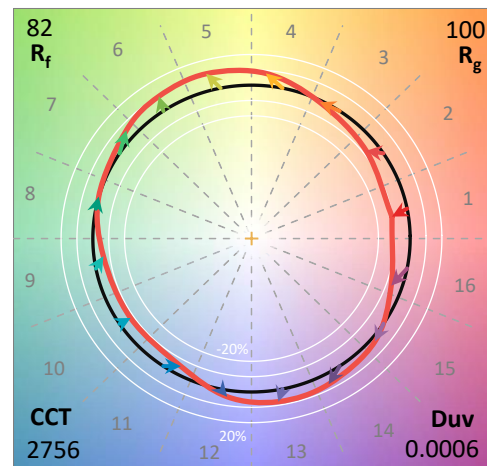
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 Rf: 82.2
 Rg: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

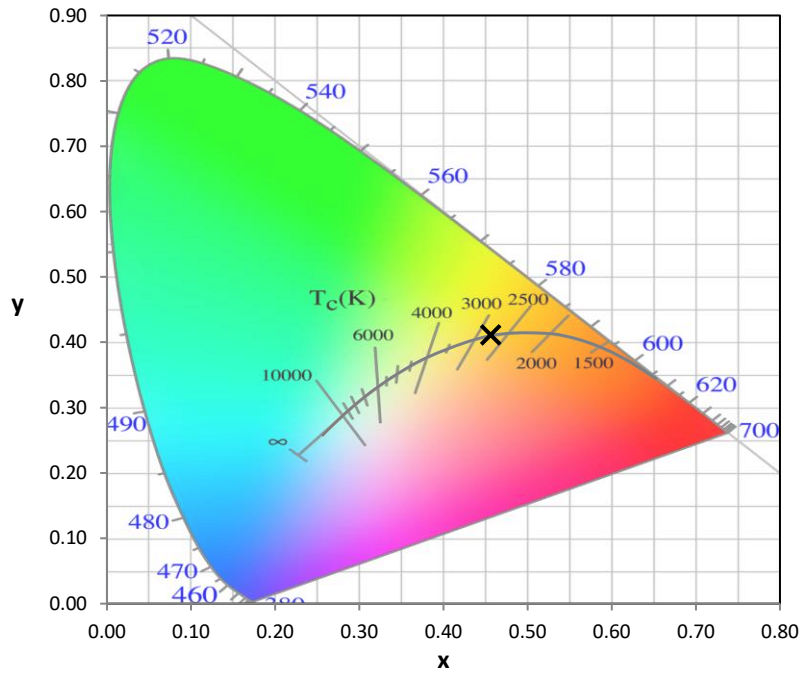
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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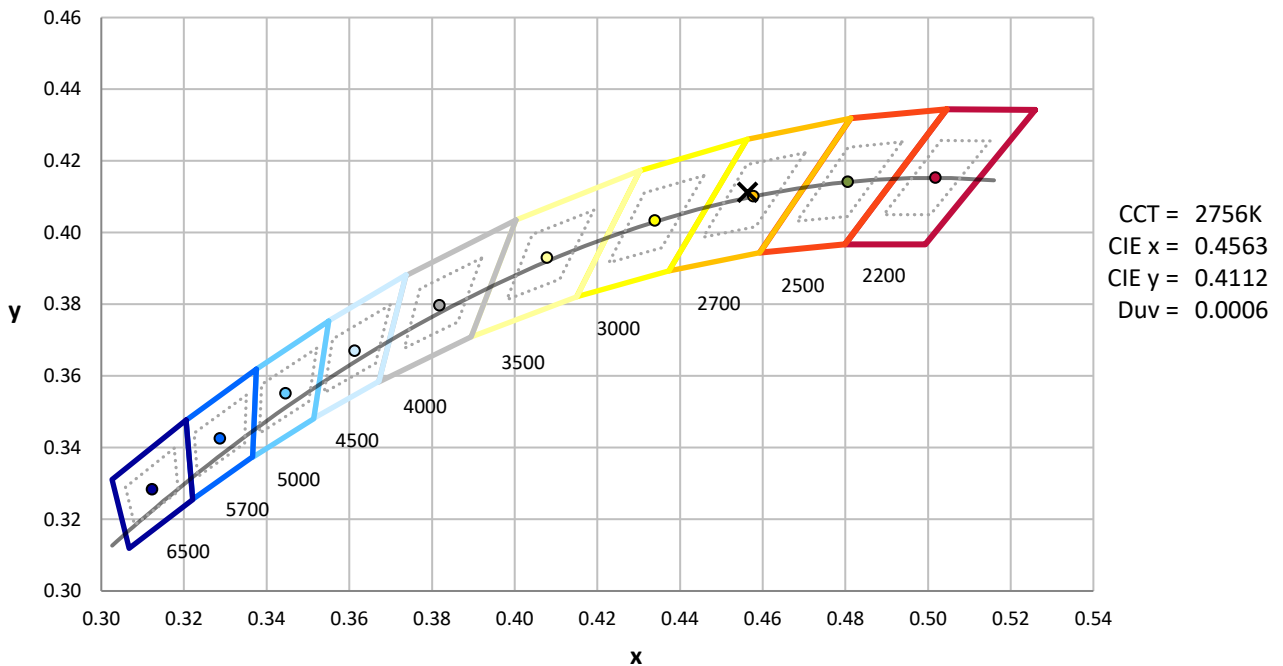
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

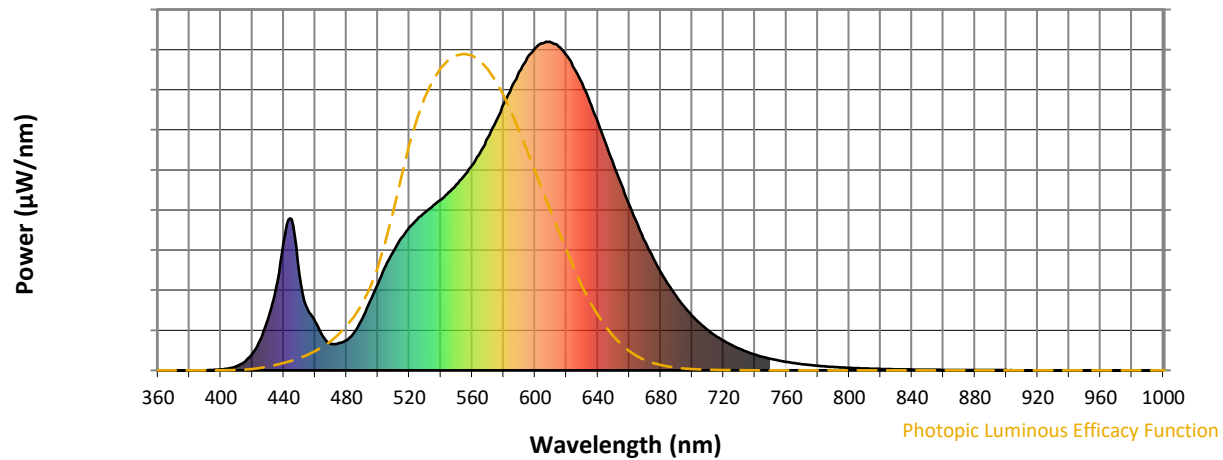


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

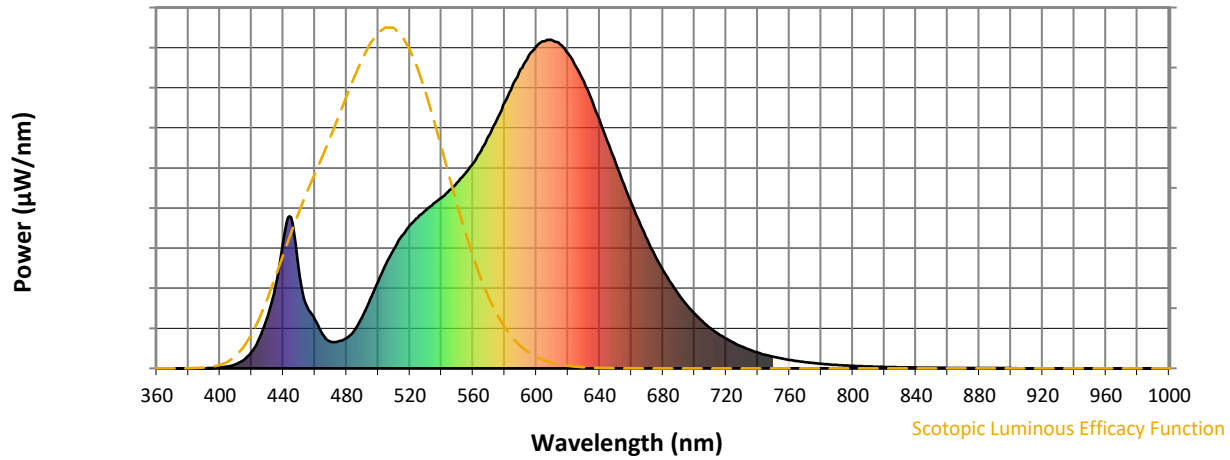


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



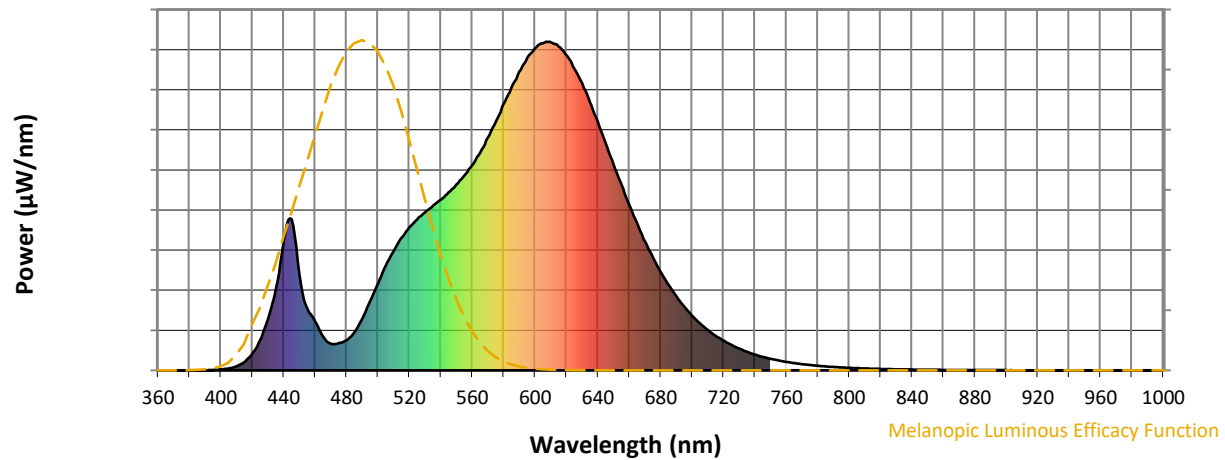
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

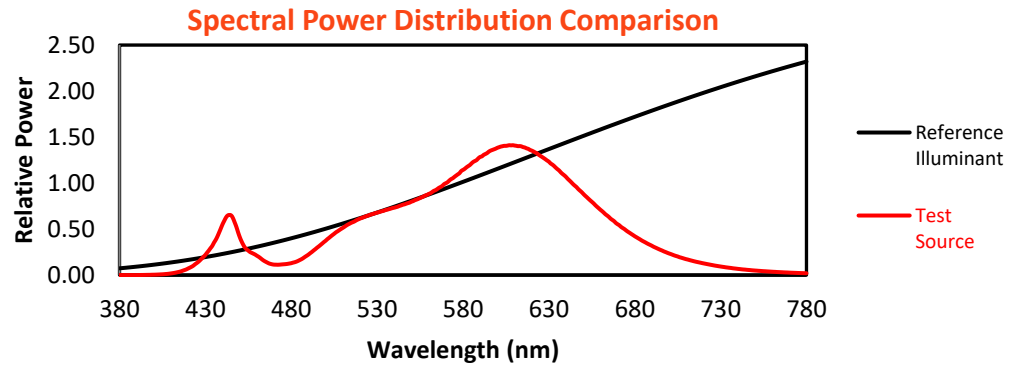
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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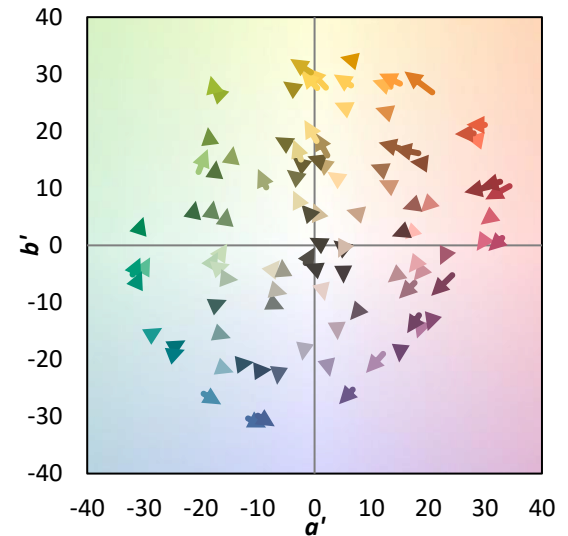
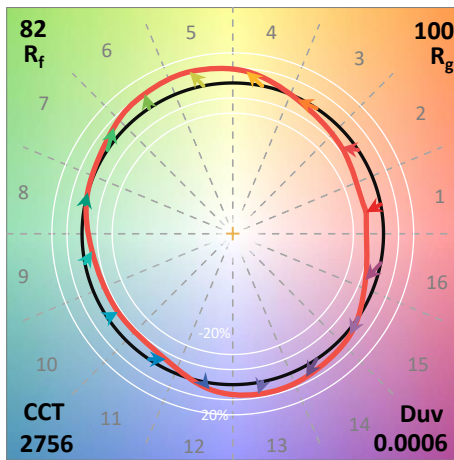
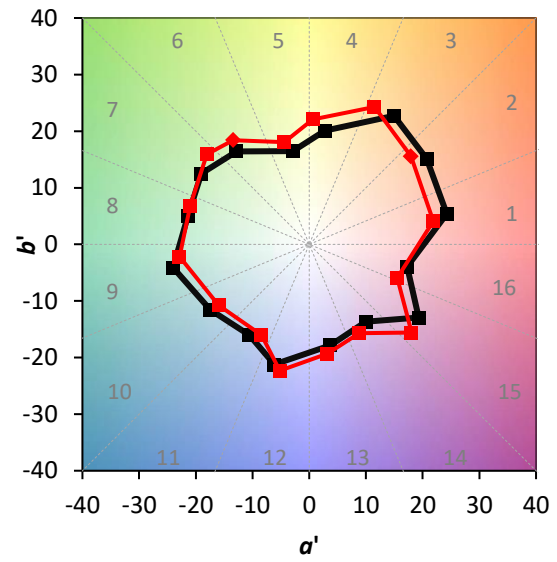
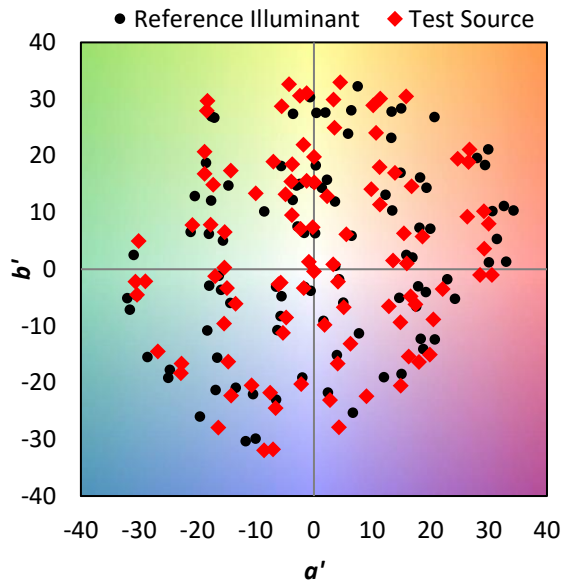
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

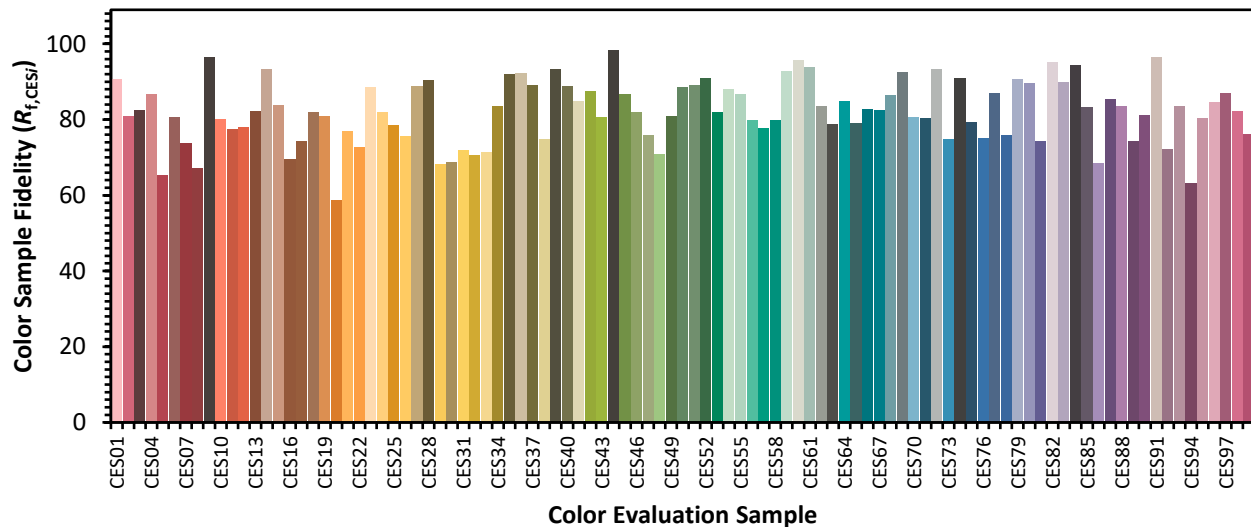


Color Vector Graphics

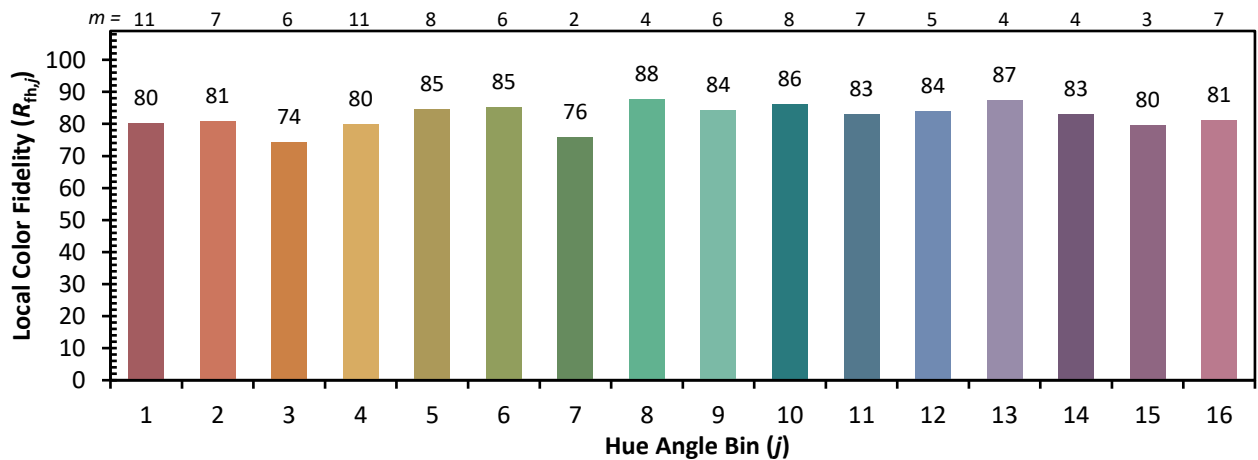
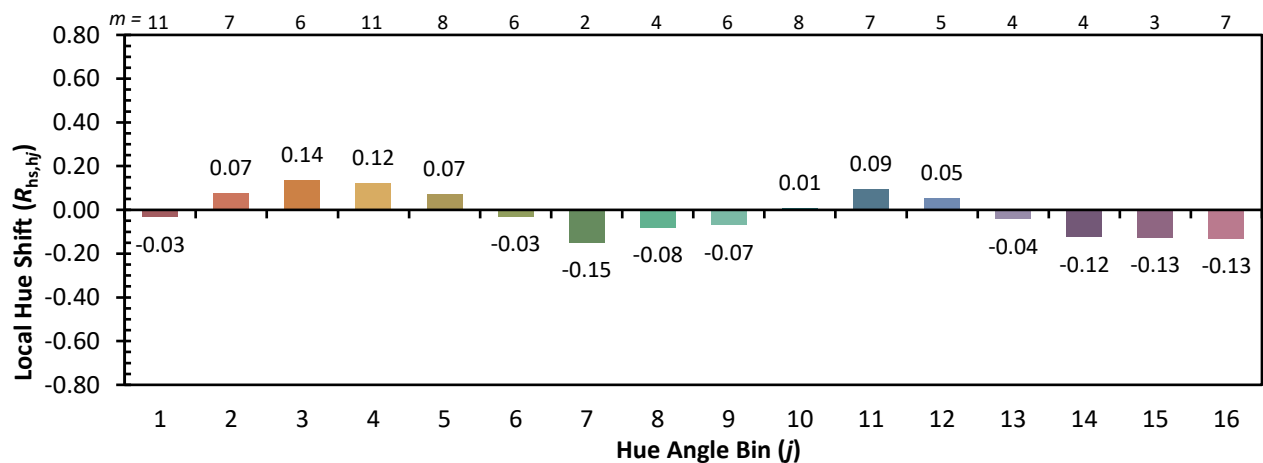
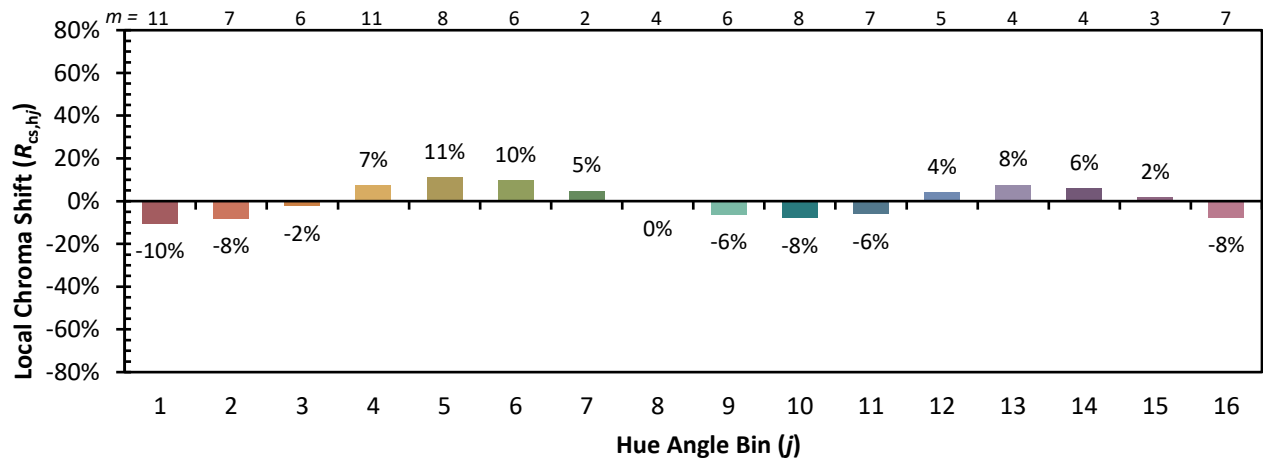


Individual Sample Fidelity Index ($R_{f,i}$)

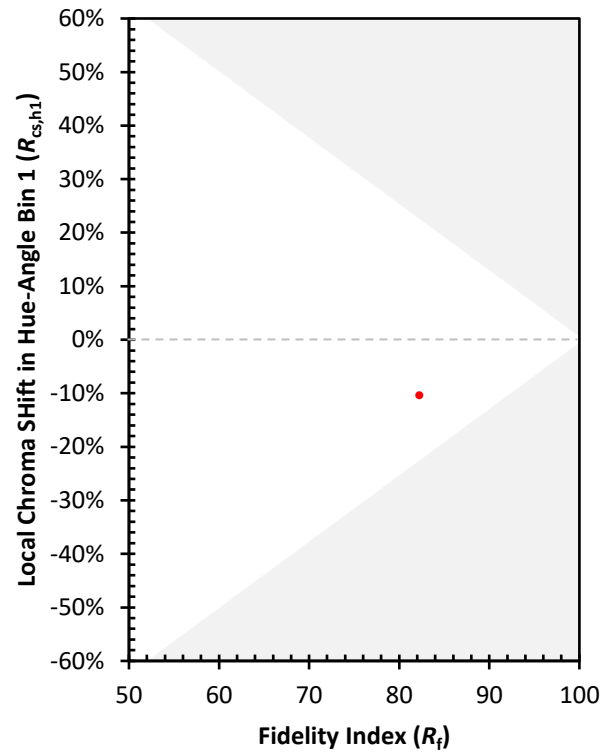
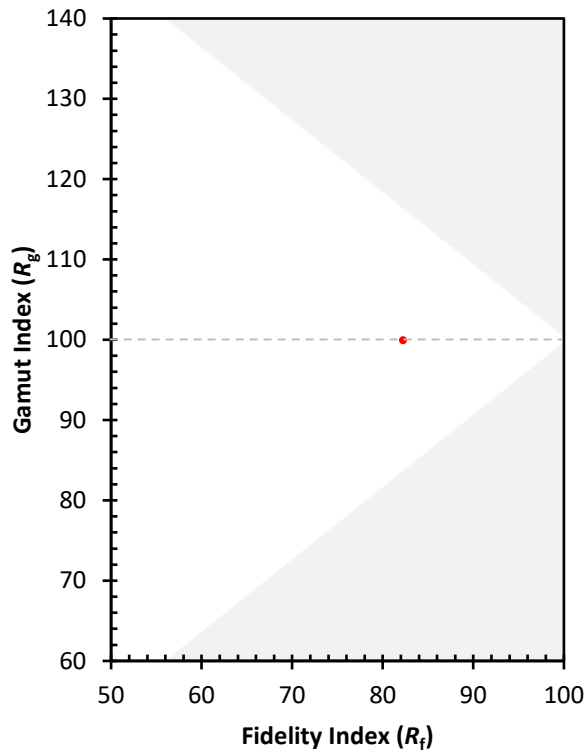
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)