

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: P1048494

Luminaire Tested: **GALN-SA2B-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048494
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7984.7 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 72.8
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

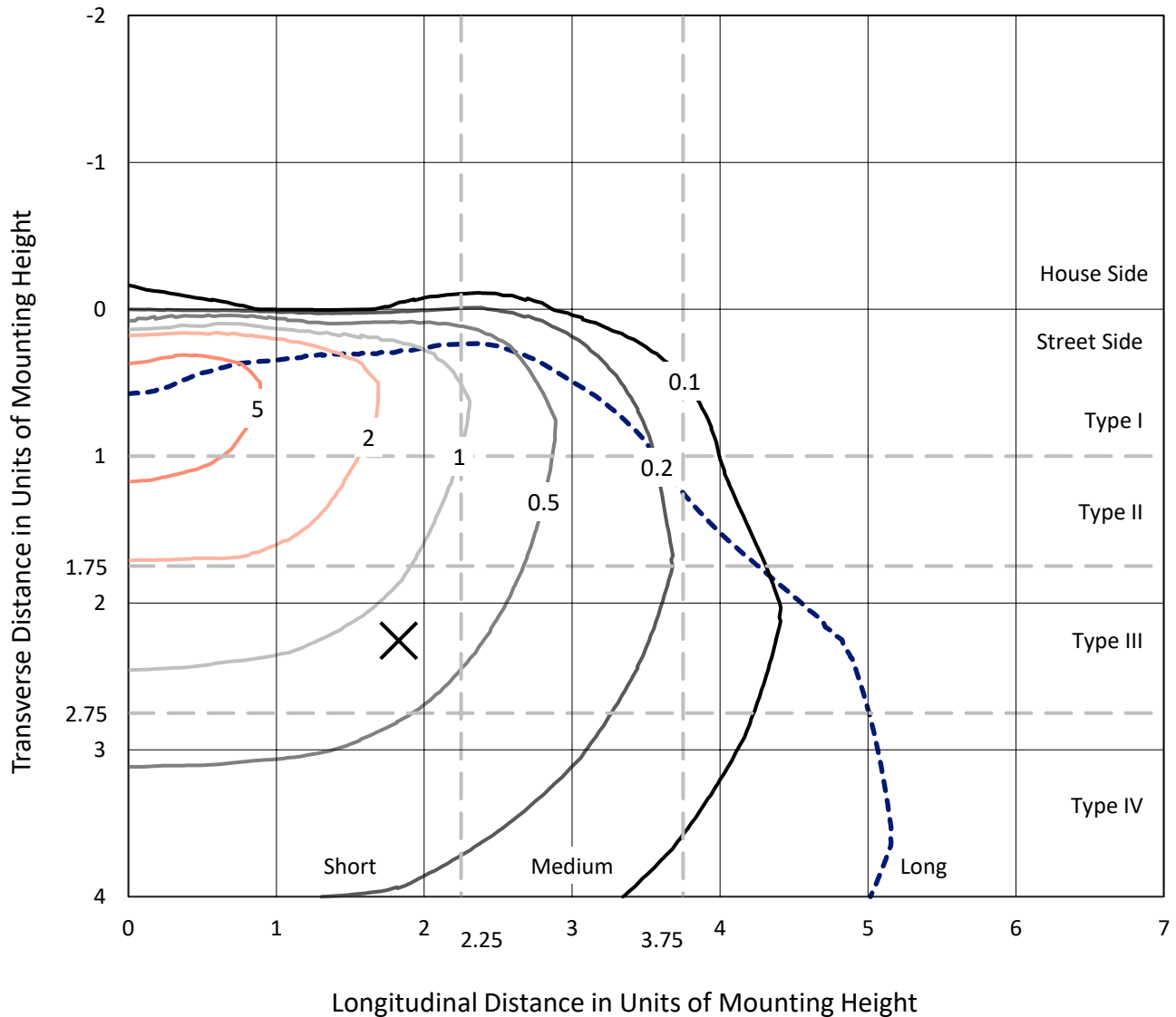


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

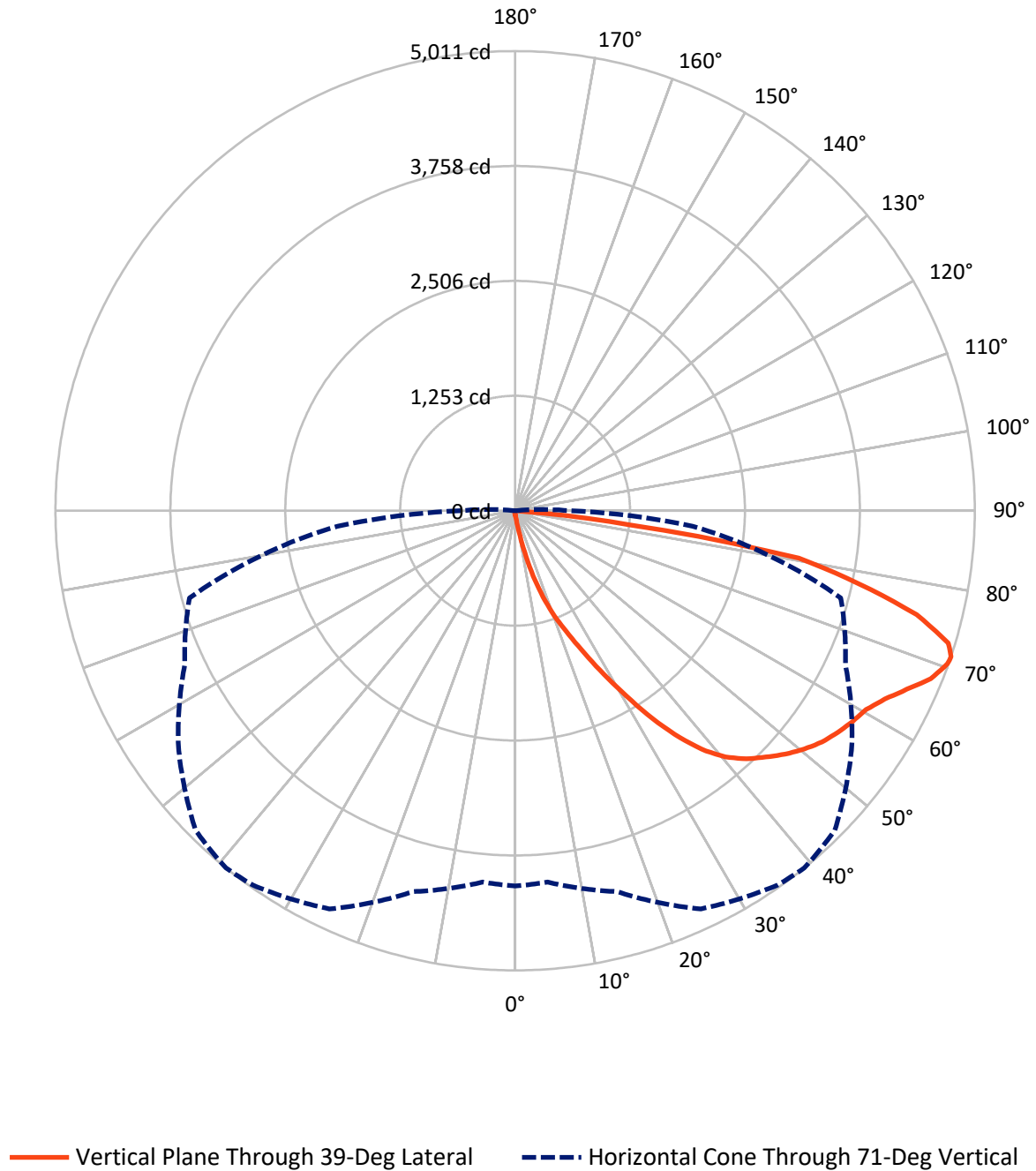


Based on 15 foot mounting height. Maximum calculated value = 8.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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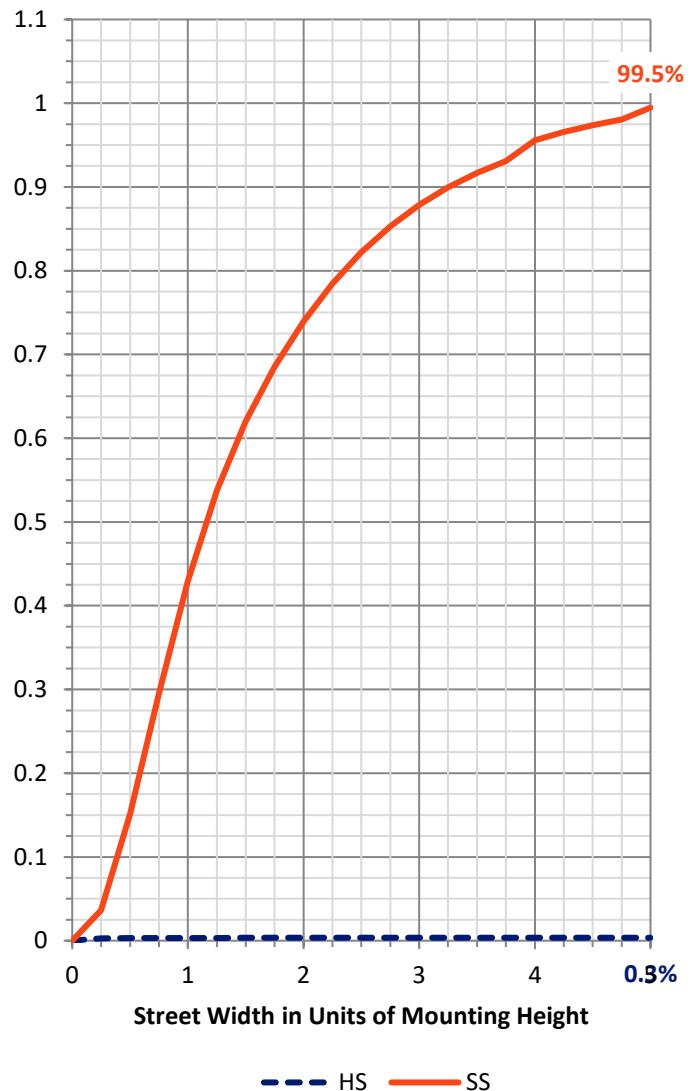
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.4	0.0	28.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7956.3	0.0	7956.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	7984.7	0.0	7984.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	0.1
10°-20°	85.3	1.1
20°-30°	303.9	3.8
30°-40°	732.5	9.2
40°-50°	1225.8	15.4
50°-60°	1574.5	19.7
60°-70°	1992.5	25.0
70°-80°	1776.4	22.2
80°-90°	287.1	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°	7984.7	100.0
0°-180°	7984.7	100.0



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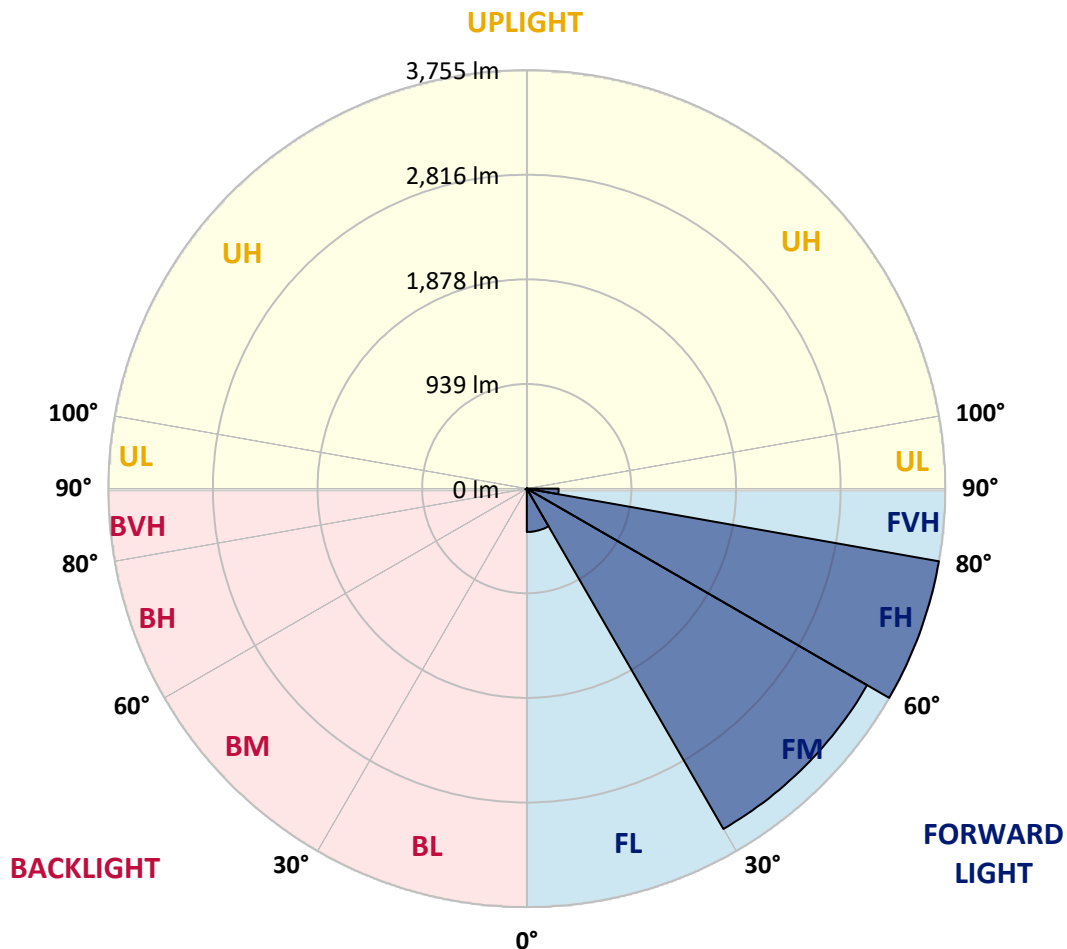
CATALOG NUMBER: GALN-SA2B-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	389.1	4.9			
FM	(30°-60°)	3526.2	44.2			
FH	(60°-80°)	3755.2	47.0			G2/5000
FVH	(80°-90°)	285.8	3.6			G3/500
BL	(0°-30°)	6.9	0.1	B0/110		
BM	(30°-60°)	6.6	0.1	B0/220		
BH	(60°-80°)	13.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
2.5°	50.3	50.3	50.3	48.6	48.6	48.1	47.6	47.6	46.5	45.9	44.9
5°	76.2	74.6	70.8	68.6	64.3	61.6	58.9	55.1	51.3	48.6	45.4
7.5°	172.4	176.2	163.8	140.5	116.8	106.5	89.2	71.9	59.5	51.3	45.9
10°	439.4	437.3	395.1	348.6	269.2	237.3	185.9	117.3	76.8	56.2	46.5
12.5°	747.5	745.4	695.7	632.4	527.5	461.1	363.8	218.9	110.3	63.8	46.5
15°	1006.5	997.8	982.1	919.4	796.7	741.1	612.4	387.0	178.4	76.8	47.6
17.5°	1177.8	1170.2	1155.6	1132.9	1055.1	989.2	885.9	608.1	288.6	99.5	49.7
20°	1335.1	1329.7	1317.8	1313.5	1263.2	1228.1	1142.7	862.1	449.7	135.1	53.0
22.5°	1551.3	1539.9	1544.8	1518.9	1469.7	1427.5	1375.1	1128.1	646.5	194.6	58.9
25°	1816.2	1810.7	1797.2	1778.9	1710.7	1674.0	1593.5	1378.9	866.5	272.4	65.4
27.5°	2136.1	2130.2	2127.0	2084.8	2006.4	1966.4	1854.0	1615.6	1114.0	381.6	74.1
30°	2504.8	2507.5	2486.4	2432.3	2341.0	2284.8	2169.1	1863.7	1367.5	509.7	83.2
32.5°	2886.4	2881.0	2848.5	2784.8	2703.1	2650.7	2503.7	2135.6	1633.5	678.9	94.1
35°	3297.7	3287.4	3202.0	3129.1	3059.3	2993.4	2859.4	2451.3	1899.4	868.6	108.6
37.5°	3712.8	3664.7	3493.4	3401.0	3352.9	3298.8	3173.9	2788.0	2163.7	1080.5	126.5
40°	4026.3	3989.0	3785.8	3615.5	3577.2	3531.2	3438.3	3078.8	2444.8	1308.1	148.1
42.5°	4199.8	4179.3	3996.6	3828.5	3738.2	3697.7	3618.2	3332.9	2722.6	1559.4	179.5
45°	4273.9	4242.0	4119.9	4041.5	3897.7	3830.7	3736.1	3524.7	3012.9	1844.8	223.2
47.5°	4251.2	4232.8	4145.3	4173.9	4069.6	3965.3	3826.3	3671.8	3261.0	2172.4	283.2
50°	4108.5	4092.8	4065.8	4220.9	4208.0	4084.7	3943.1	3788.0	3463.7	2510.2	376.2
52.5°	3837.2	3830.7	3899.9	4184.2	4286.3	4190.1	4055.5	3890.7	3652.8	2863.1	509.2
55°	3487.4	3513.9	3711.8	4126.9	4326.3	4268.0	4155.0	3986.9	3804.7	3178.8	705.4
57.5°	3343.7	3350.7	3597.7	4086.3	4344.2	4336.6	4251.7	4078.8	3944.2	3431.2	1004.8
60°	3511.8	3501.0	3631.2	4117.1	4379.8	4398.2	4337.7	4164.2	4065.3	3648.0	1403.7
62.5°	3815.5	3809.6	3851.2	4248.5	4484.2	4521.5	4457.1	4225.8	4172.3	3790.7	1858.9
65°	4086.9	4074.4	4151.7	4481.5	4667.4	4693.9	4637.7	4331.2	4219.3	3894.5	2286.4
67.5°	4204.2	4201.5	4325.8	4703.1	4859.8	4888.5	4839.3	4476.6	4208.5	3927.4	2475.0
70°	4150.7	4140.4	4339.3	4797.1	4968.5	5000.9	4953.3	4530.6	4091.2	3823.1	2195.6
71°	4091.7	4064.2	4298.8	4790.6	4983.6	5011.2	4927.9	4481.5	3973.4	3675.0	1942.1
72.5°	3909.0	3913.9	4187.4	4723.1	4947.4	4939.3	4784.2	4305.3	3831.2	3338.8	1559.9
75°	3459.3	3488.0	3826.9	4439.3	4624.2	4520.9	4283.6	3968.5	3545.8	2394.0	1083.2
77.5°	2826.9	2869.6	3242.0	3893.4	3840.9	3830.7	3820.9	3496.6	3028.0	1285.9	753.5
80°	1349.7	1442.1	1955.6	2779.4	3019.4	3135.6	3062.6	2817.7	2341.5	612.4	450.3
82.5°	88.1	87.0	123.2	233.5	984.3	1272.4	2021.5	2014.0	1632.4	298.4	183.8
85°	41.6	42.7	47.0	53.5	62.2	68.1	94.1	551.3	781.1	142.2	40.0
87.5°	24.3	24.9	29.2	37.3	48.6	54.1	64.3	82.7	101.6	78.4	8.6
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: P1048494

CATALOG NUMBER: GALN-SA2B-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
2.5°	44.3	43.8	42.2	40.5	38.9	37.8	37.3	37.8	37.8	38.4	38.4
5°	44.3	42.7	40.0	36.8	34.6	32.4	31.4	30.8	31.4	31.4	31.4
7.5°	43.8	41.1	37.3	33.5	30.8	28.1	27.0	26.5	26.5	27.0	27.0
10°	42.7	40.0	35.1	30.8	27.6	24.3	22.7	21.1	21.1	21.1	21.6
12.5°	42.2	38.4	32.4	28.1	23.8	20.0	16.8	15.1	15.7	15.7	15.7
15°	41.1	36.8	30.8	25.4	20.0	15.1	12.4	10.8	11.4	11.9	11.4
17.5°	41.1	36.2	28.6	22.2	15.7	11.4	9.2	8.1	8.1	8.6	8.6
20°	41.1	35.1	27.0	18.9	11.9	8.6	6.5	5.9	5.9	7.0	7.6
22.5°	42.2	35.1	24.9	15.7	9.7	6.5	4.9	4.3	4.9	5.9	6.5
25°	43.8	34.6	22.7	14.1	8.1	4.9	3.8	2.7	3.2	4.3	4.9
27.5°	45.4	34.1	20.5	12.4	6.5	3.8	2.7	2.2	1.6	2.2	2.2
30°	47.0	34.1	18.4	10.3	5.4	2.7	1.6	1.1	0.5	0.0	0.0
32.5°	48.1	33.0	16.8	8.1	4.3	2.2	1.1	0.5	0.0	0.0	0.0
35°	49.2	31.9	14.6	6.5	3.2	1.6	0.5	0.0	0.0	0.0	0.0
37.5°	50.3	30.3	12.4	5.4	2.7	1.1	0.0	0.0	0.0	0.0	0.0
40°	51.3	28.1	10.3	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	52.4	26.5	8.6	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	55.1	25.4	7.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	60.0	24.3	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	67.0	23.2	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	76.8	22.7	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	94.1	22.2	4.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	123.8	21.6	4.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	189.7	20.5	4.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	338.9	20.0	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	590.8	20.5	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	847.0	21.6	3.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	724.8	18.9	3.8	2.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0
71°	590.8	16.8	3.8	2.2	1.1	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	380.0	13.0	3.2	2.2	1.1	1.1	0.5	0.0	0.0	0.0	0.0
75°	160.5	10.8	3.2	2.2	1.6	1.1	1.1	0.5	0.0	0.0	0.0
77.5°	68.6	8.1	3.2	2.7	2.2	1.6	1.6	1.1	0.5	0.0	0.0
80°	25.9	6.5	3.8	3.2	2.7	2.7	2.2	1.1	0.5	0.0	0.0
82.5°	11.9	5.4	3.8	3.2	3.2	2.7	2.2	1.6	1.1	0.0	0.0
85°	7.6	4.9	3.8	3.2	3.2	2.7	2.7	1.6	1.1	0.0	0.0
87.5°	5.9	4.9	3.8	3.8	3.2	3.2	2.2	1.6	0.5	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

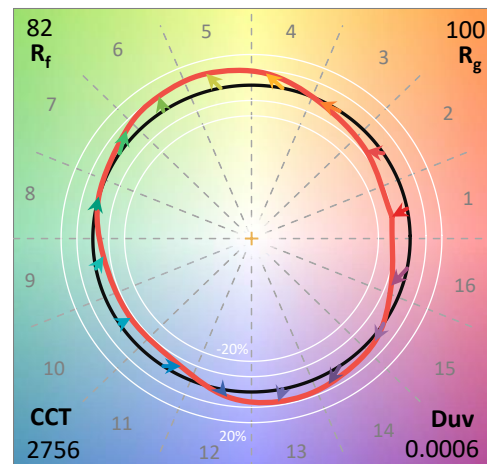
Test Information

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
 R_f: 82.2
 R_g: 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

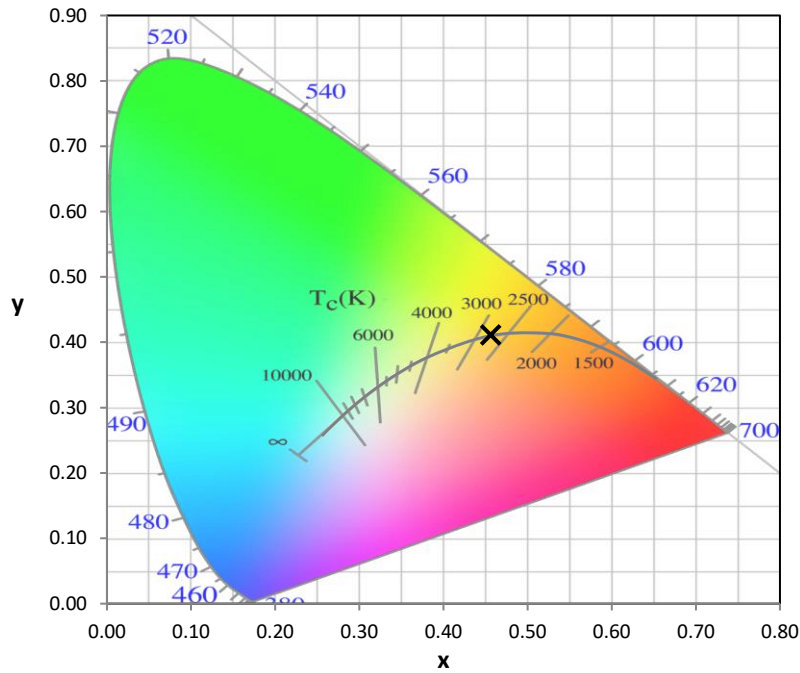
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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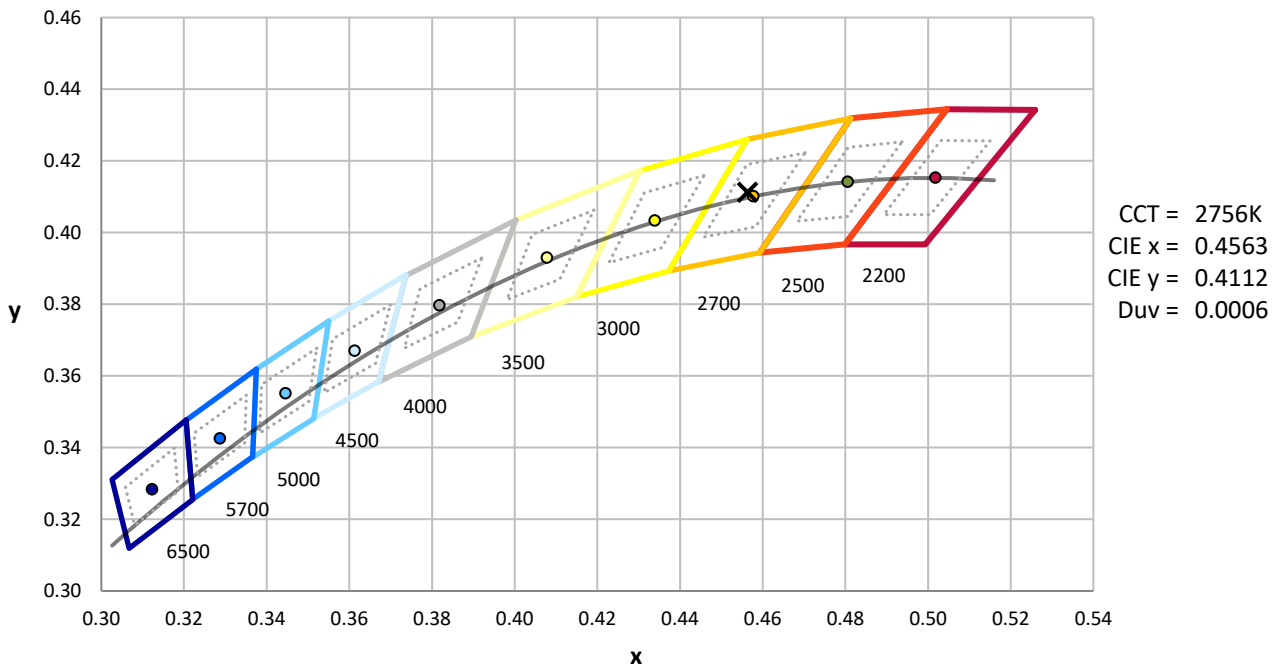
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

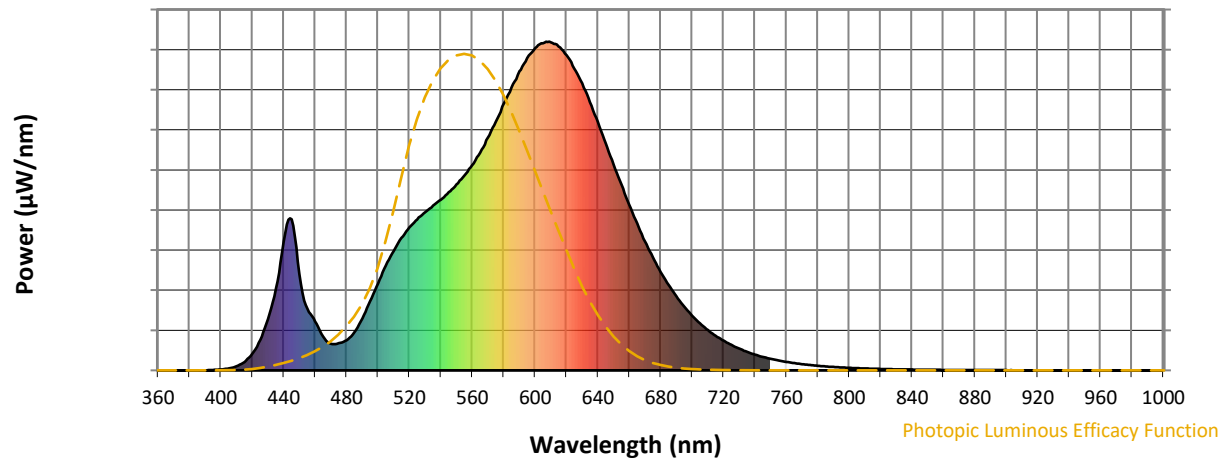


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

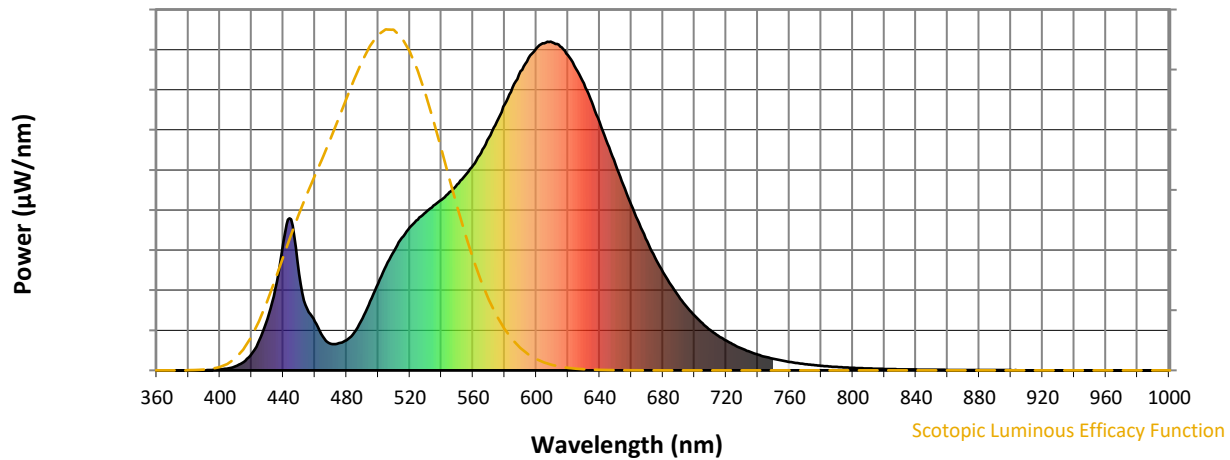


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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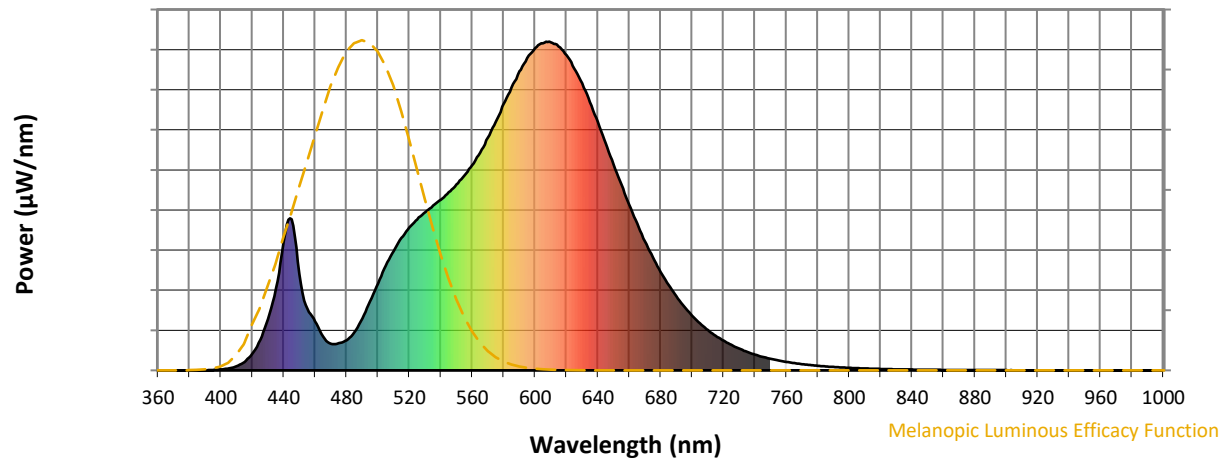
Scotopic Flux vs. Wavelength


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

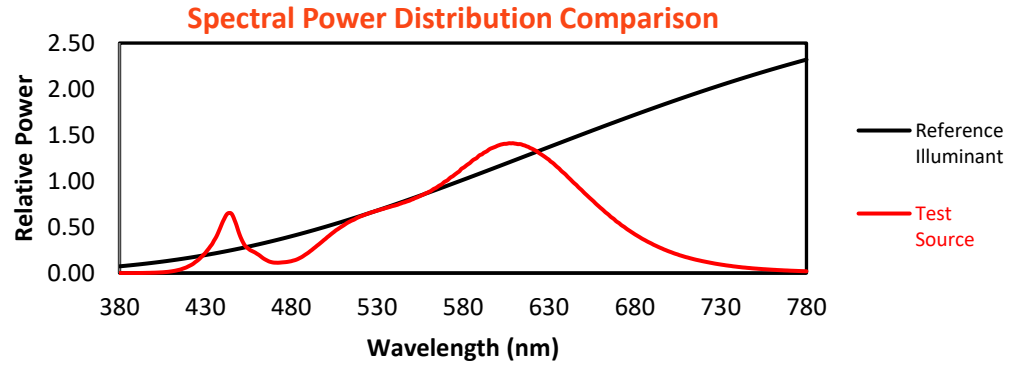
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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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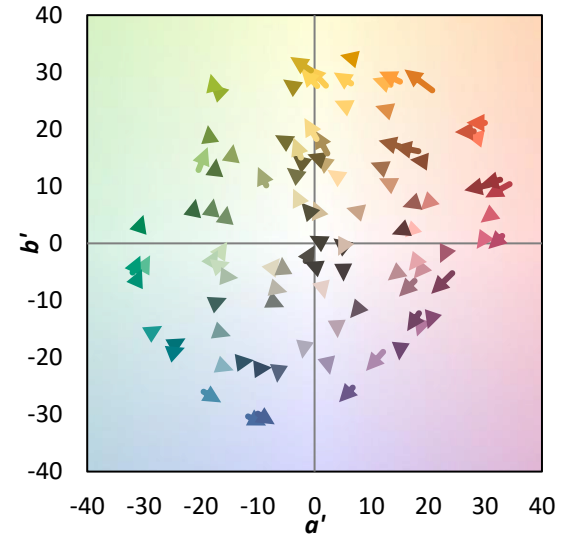
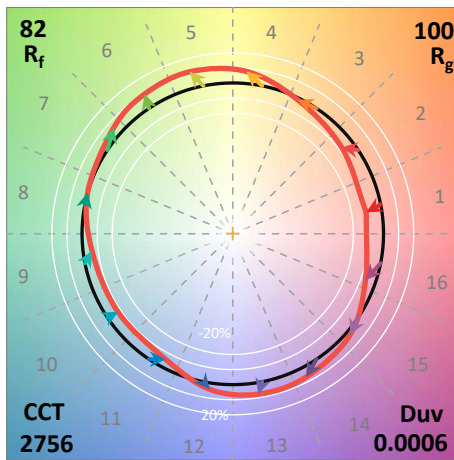
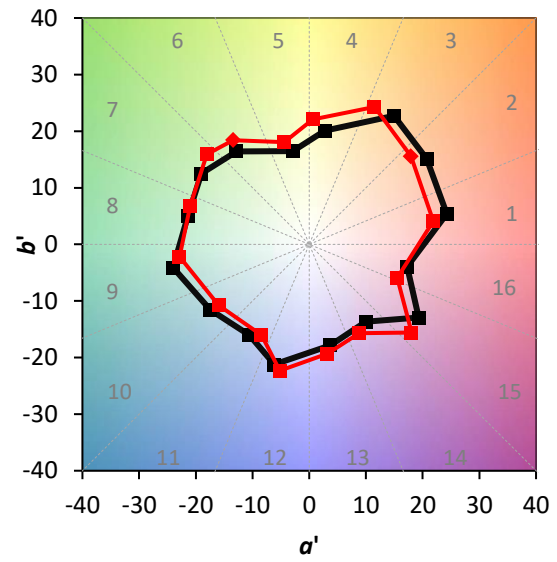
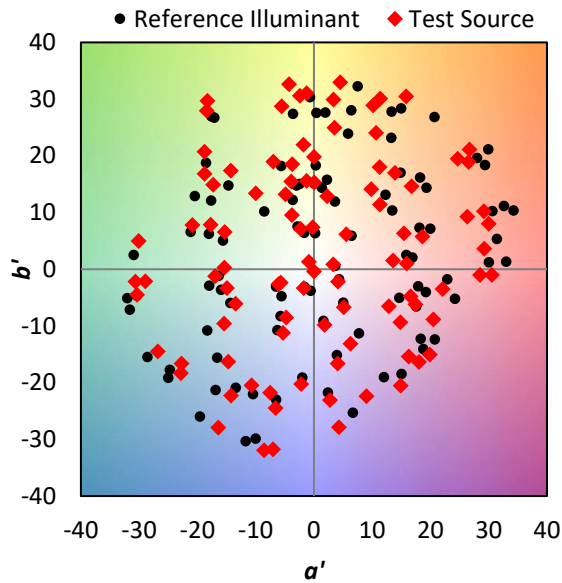
TM-30-18

Summary

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

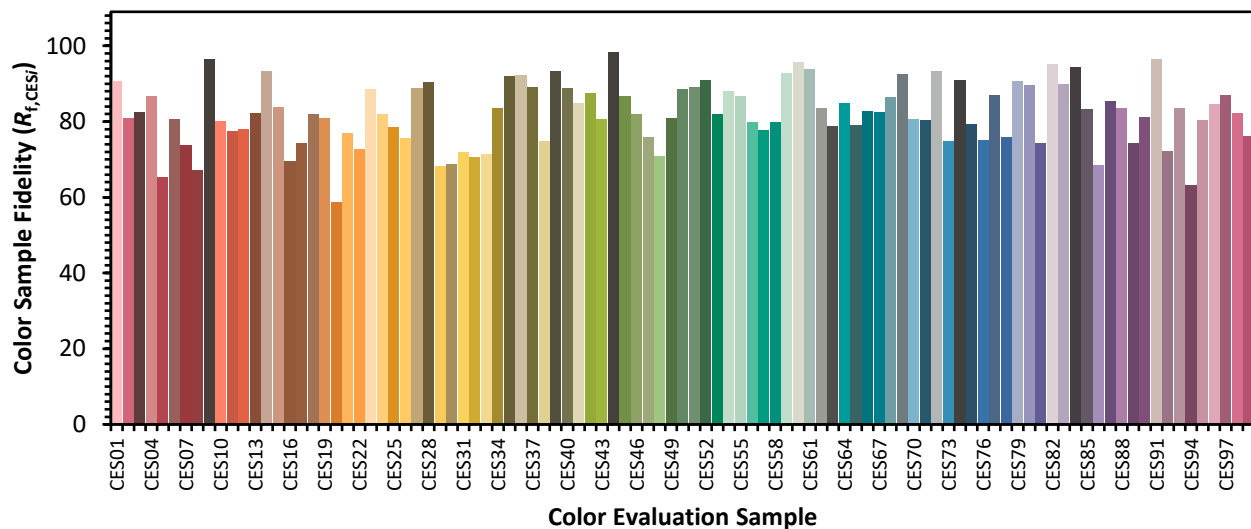


Color Vector Graphics

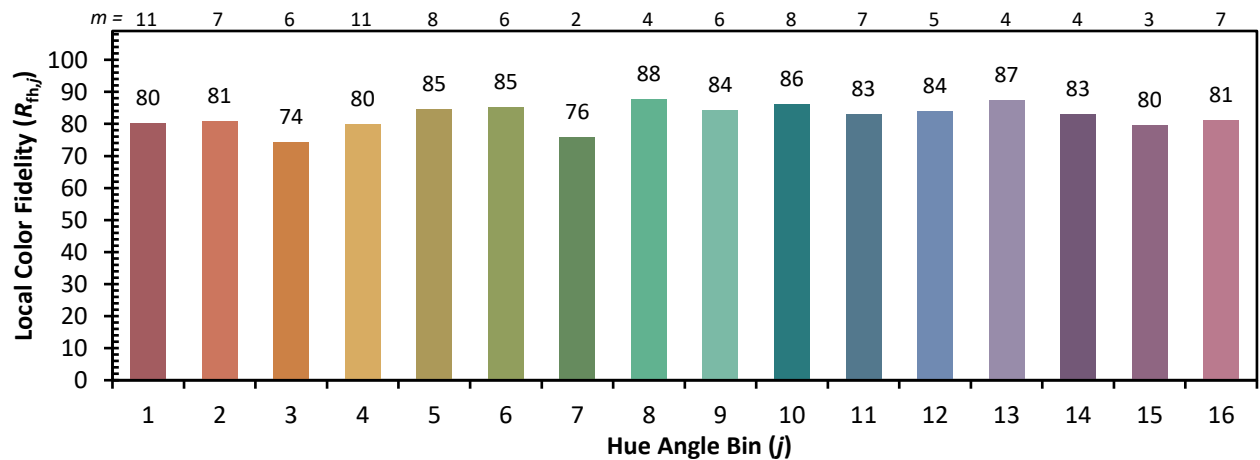
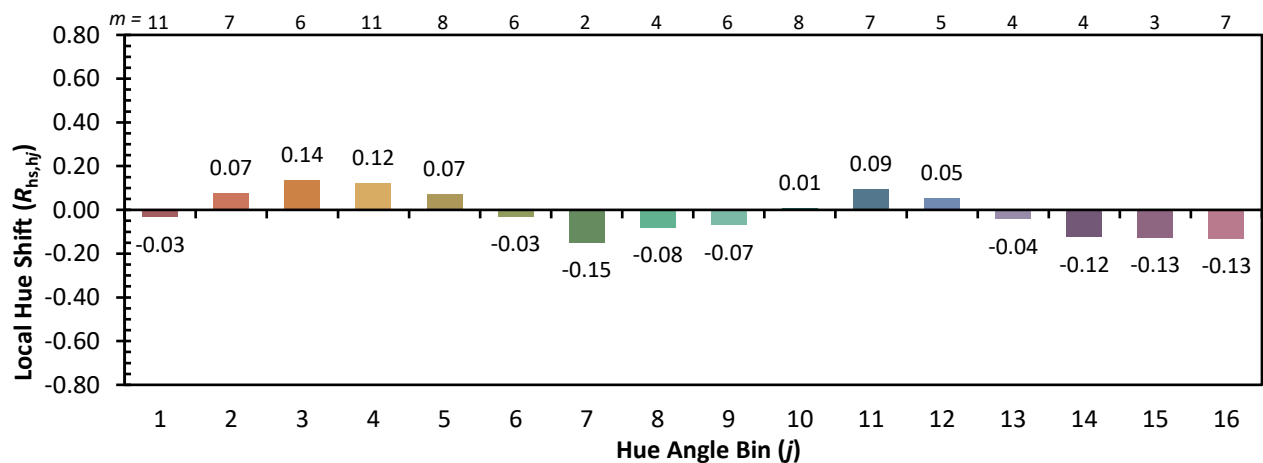
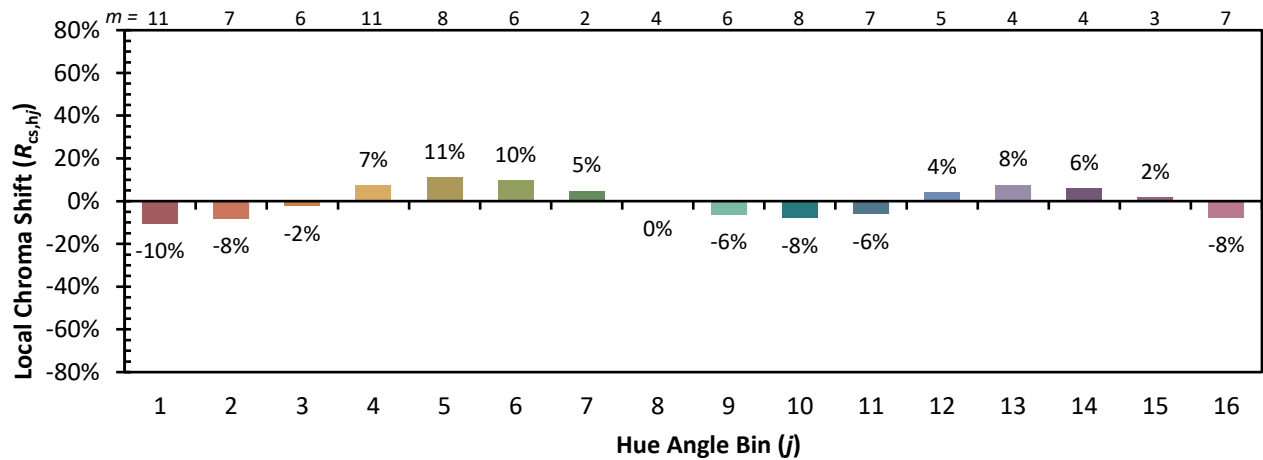


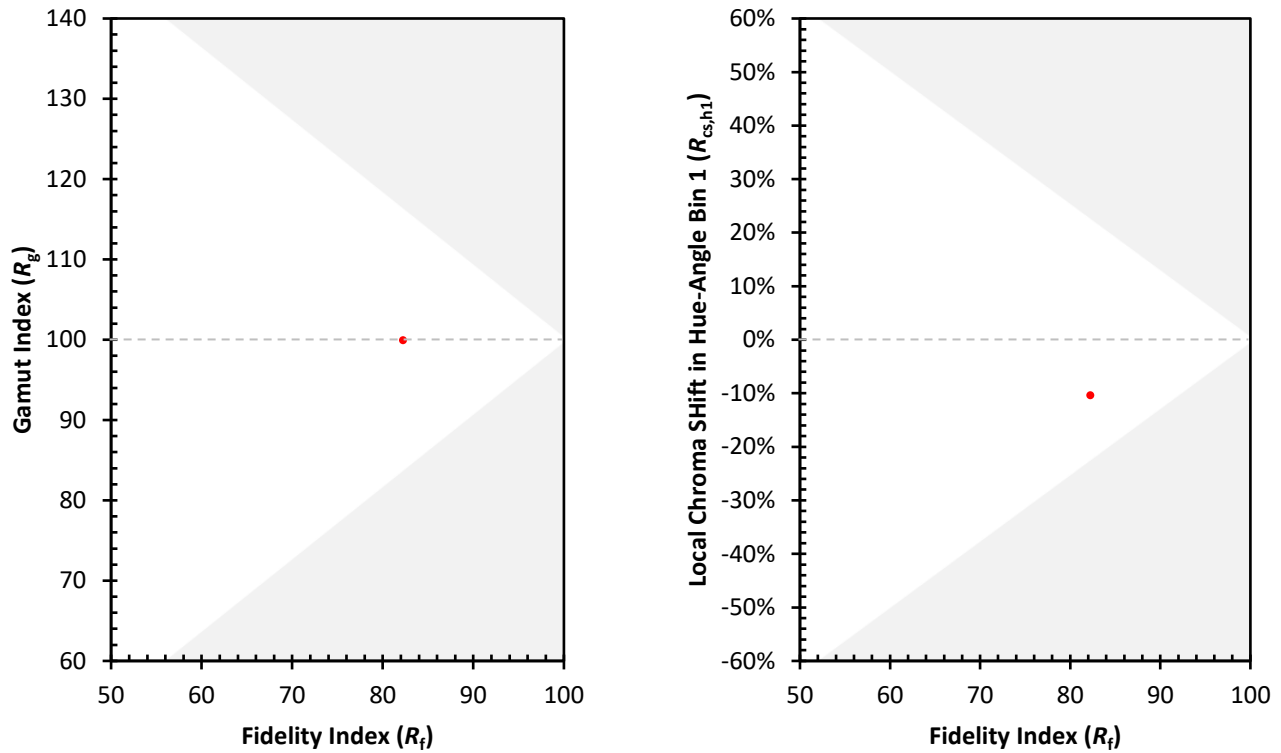
Individual Sample Fidelity Index ($R_{f,i}$)

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)