

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: P1047895

Luminaire Tested: **GALN-SA5C-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047895
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23755 lumens
Efficiency: N/A
Efficacy: 100.7 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): 236
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



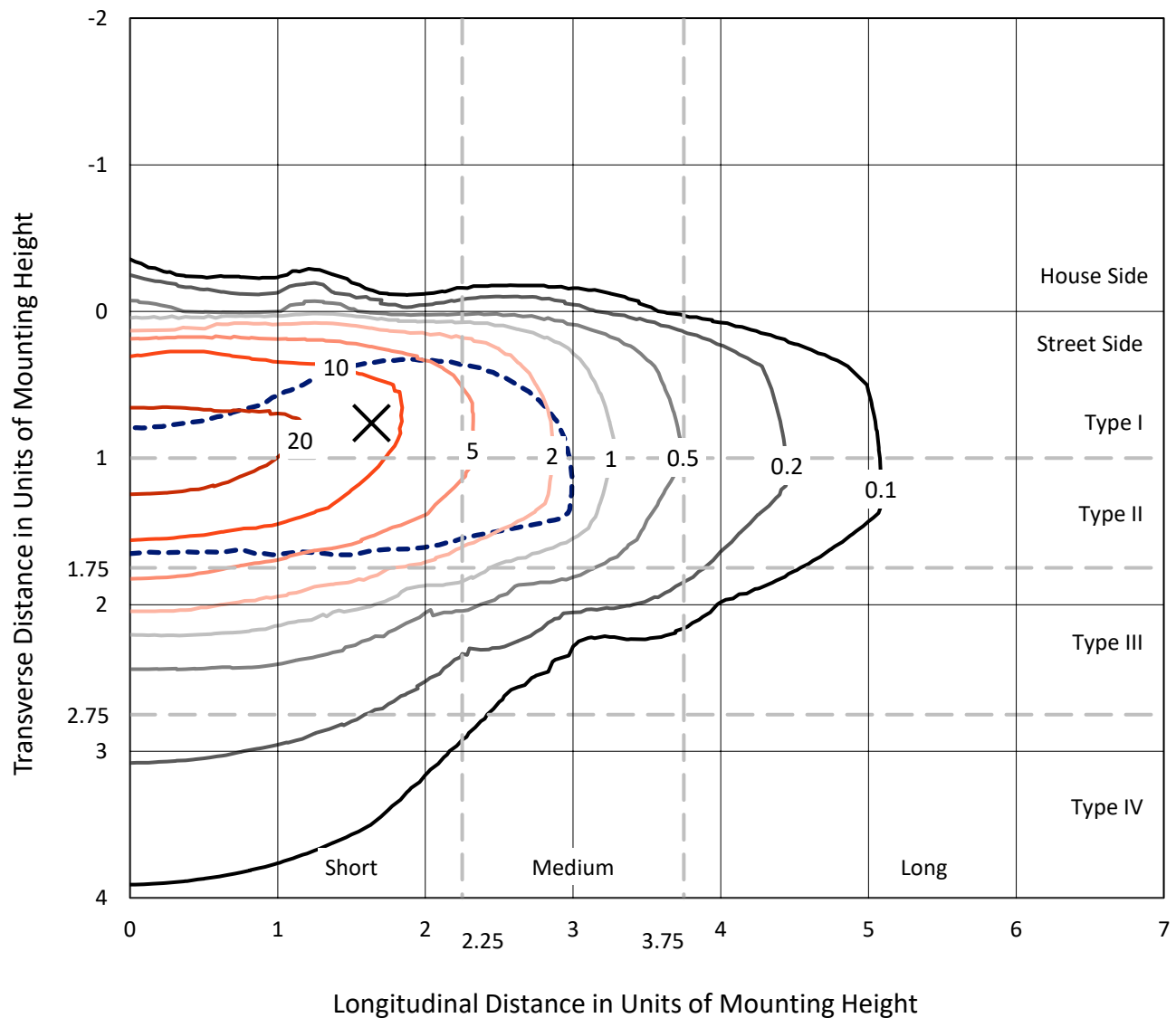
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CATALOG NUMBER: GALN-SA5C-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

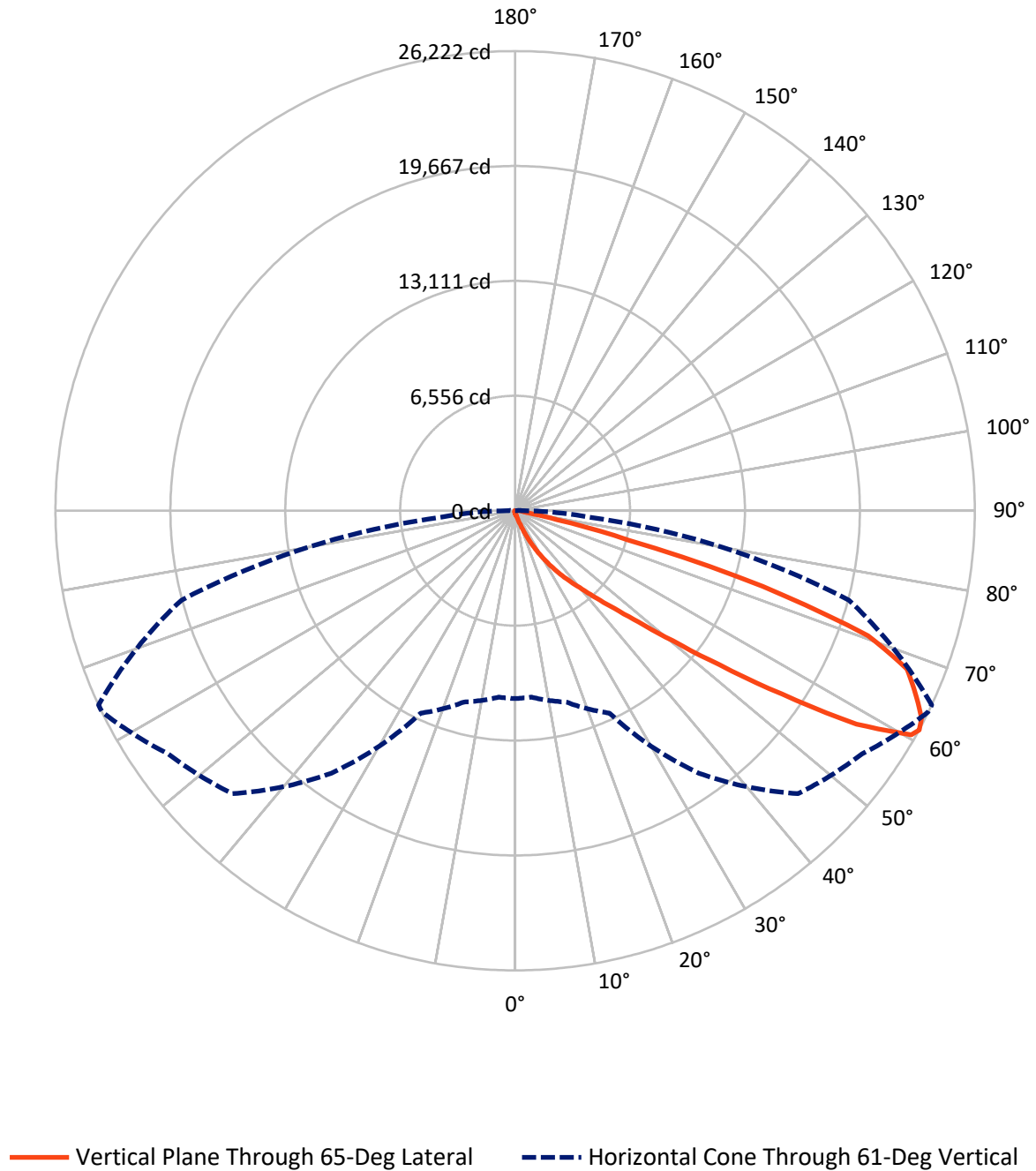


Based on 15 foot mounting height. Maximum calculated value = 31.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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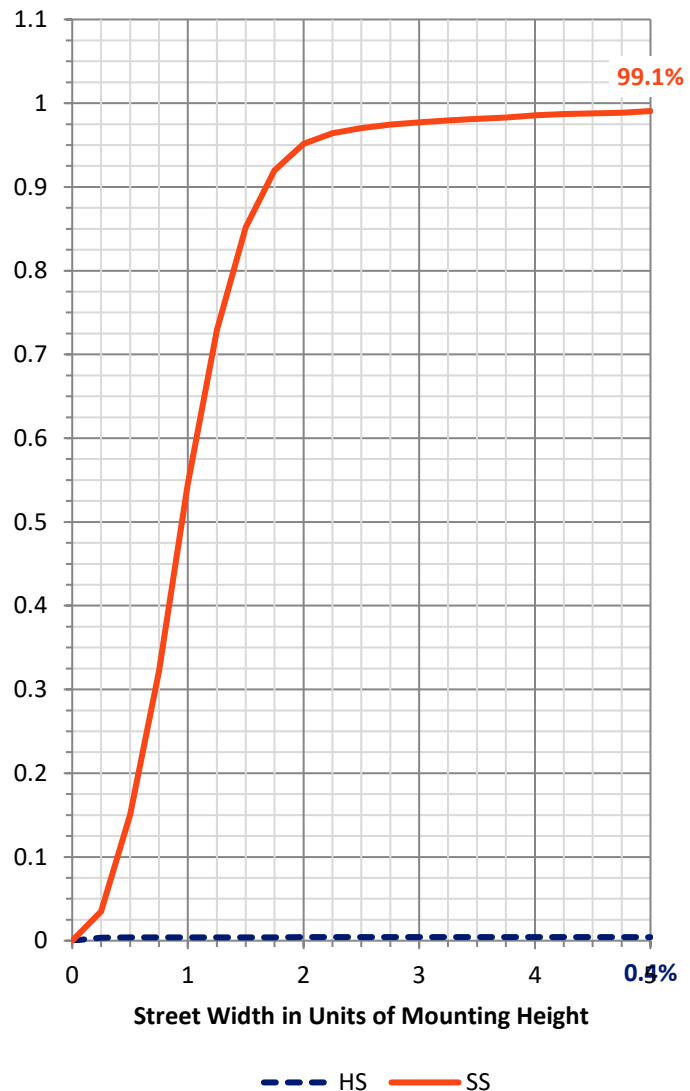
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.4	0.0	101.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23653.6	0.0	23653.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	23755.0	0.0	23755.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	0.1
10°-20°	195.3	0.8
20°-30°	701.0	3.0
30°-40°	1866.5	7.9
40°-50°	4903.2	20.6
50°-60°	7595.9	32.0
60°-70°	6369.1	26.8
70°-80°	1874.3	7.9
80°-90°	231.2	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°	23755.0	100.0
0°-180°	23755.0	100.0



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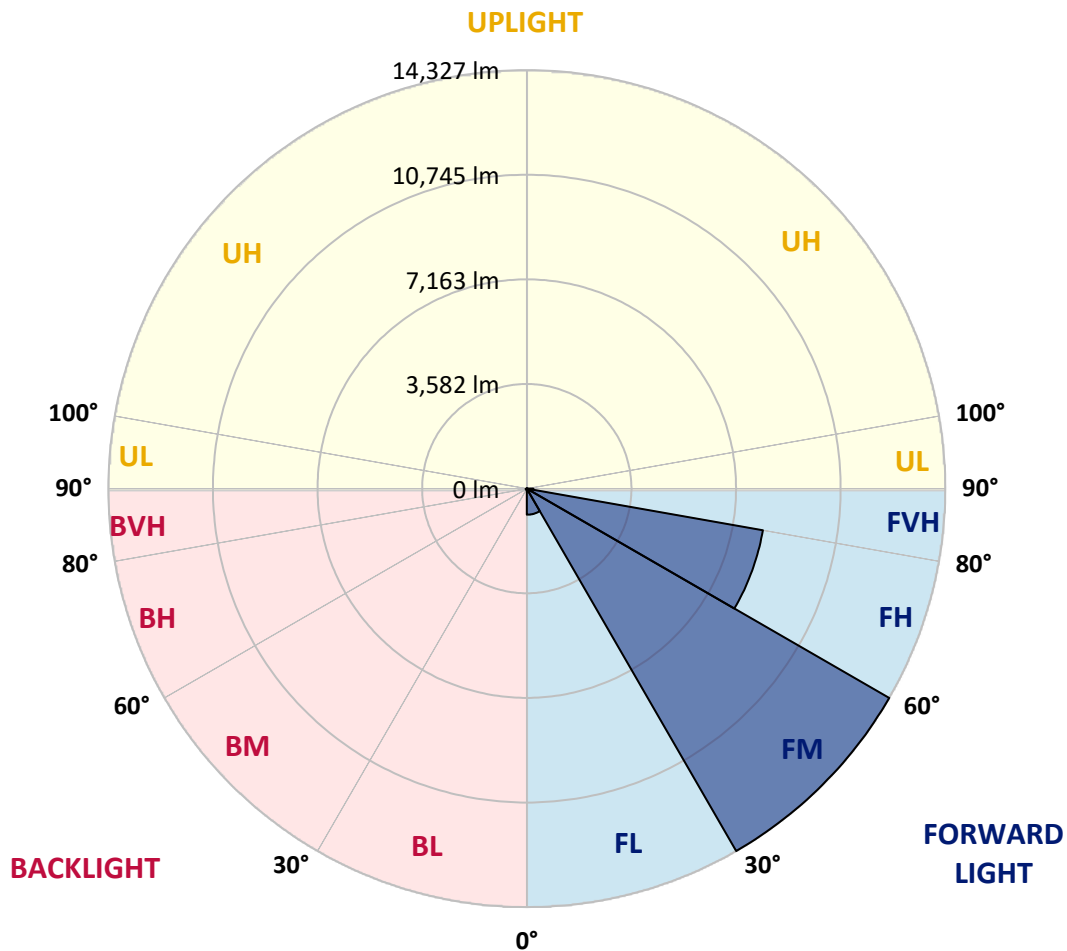
CATALOG NUMBER: GALN-SA5C-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	892.1	3.8			
FM	(30°-60°)	14327.0	60.3			
FH	(60°-80°)	8207.6	34.6			G4/12000
FVH	(80°-90°)	226.9	1.0			G3/500
BL	(0°-30°)	22.7	0.1	B0/110		
BM	(30°-60°)	38.6	0.2	B0/220		
BH	(60°-80°)	35.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4
2.5°	176.5	178.1	174.8	168.3	163.4	163.4	161.8	156.9	156.9	152.0	148.7
5°	246.7	243.5	236.9	223.9	212.4	201.0	189.6	178.1	176.5	161.8	152.0
7.5°	403.6	406.9	385.6	344.8	310.5	266.4	225.5	201.0	197.7	173.2	153.6
10°	885.7	861.2	812.1	653.6	537.6	405.3	300.7	233.7	230.4	186.3	156.9
12.5°	1614.5	1594.9	1505.0	1341.6	1042.6	725.5	439.6	289.2	279.4	197.7	158.5
15°	2326.9	2295.9	2246.9	2081.8	1732.1	1300.7	719.0	395.5	369.3	214.1	156.9
17.5°	2781.2	2786.1	2742.0	2671.7	2446.2	1925.0	1241.9	589.9	539.3	243.5	153.6
20°	3178.3	3166.9	3191.4	3153.8	2995.3	2616.2	1807.3	934.7	848.1	290.9	155.2
22.5°	3635.9	3663.6	3681.6	3673.4	3498.6	3175.0	2449.5	1398.8	1289.3	377.5	160.1
25°	4248.6	4245.4	4247.0	4225.8	4055.8	3696.3	3093.3	1975.6	1864.5	518.0	171.6
27.5°	4890.8	4910.4	4918.6	4841.8	4619.6	4266.6	3689.8	2606.4	2475.6	743.5	186.3
30°	5768.3	5752.0	5714.4	5557.5	5287.9	4850.0	4278.1	3268.2	3130.9	1058.9	209.2
32.5°	6951.4	6933.5	6743.9	6397.5	5993.8	5457.9	4869.6	3931.6	3764.9	1452.7	240.2
35°	8900.9	8928.7	8463.0	7565.8	6841.9	6188.3	5524.9	4591.8	4444.7	1938.0	282.7
37.5°	11886.4	11734.4	11102.0	9517.0	7958.0	7100.1	6150.7	5258.5	5131.0	2536.1	338.3
40°	14786.9	14636.6	14453.5	12951.8	9897.7	8105.1	7026.6	6041.2	5876.2	3211.0	420.0
42.5°	17836.1	17752.8	17744.6	16612.2	13437.1	9685.3	8080.6	6958.0	6817.4	3951.2	554.0
45°	19996.4	19913.0	20087.9	20285.6	18257.7	13071.1	9915.7	8149.2	7945.0	4850.0	768.0
47.5°	20287.3	20290.5	20757.9	21377.2	21839.6	18308.4	12360.3	9727.7	9479.4	6136.0	1127.5
50°	19319.9	19357.5	20101.0	21208.9	22454.1	22702.4	16671.0	12018.7	11651.1	7660.6	1637.4
52.5°	17478.2	17520.7	18556.7	20378.8	21888.7	23758.1	21746.5	15015.7	14592.4	9562.7	2356.4
55°	15819.6	15845.8	17033.8	19336.2	21207.2	23184.5	24759.8	19017.6	18462.0	11902.7	3065.6
57.5°	14177.4	14116.9	14889.8	17525.6	21091.2	22480.2	25204.2	23578.3	22965.5	14460.1	3617.9
60°	11981.2	11879.8	12500.8	14177.4	19565.0	22942.7	24372.5	26101.4	25962.5	18020.8	4044.4
61°	10718.0	10675.5	11299.7	12737.7	18280.6	22825.0	24173.1	26207.6	26222.3	19705.5	4235.6
62.5°	7654.1	7775.0	8729.3	10598.7	15311.4	22061.9	24199.3	25879.1	26024.5	21944.2	4730.7
65°	3402.2	3596.6	4338.5	5859.9	8904.2	18352.5	23967.2	25158.5	25086.6	22558.6	6436.7
67.5°	2018.1	2047.5	2416.8	3320.5	4716.0	9871.5	21150.1	24205.8	24109.4	19638.5	8008.7
70°	1590.0	1604.7	1722.3	2083.5	2737.1	3781.3	12071.0	20942.5	21362.5	15924.2	7840.4
72.5°	1508.3	1505.0	1521.3	1585.1	1724.0	1875.9	4673.5	13920.8	14775.5	11468.1	6574.0
75°	1488.7	1482.1	1465.8	1441.3	1248.4	1104.6	1447.8	6157.3	6652.4	7835.5	4949.7
77.5°	1444.5	1446.2	1449.4	1382.4	1070.3	781.1	701.0	1975.6	2429.9	4972.5	3518.2
80°	977.2	991.9	1016.4	990.3	962.5	565.4	495.1	702.7	712.5	2791.0	2323.7
82.5°	495.1	495.1	483.7	431.4	372.6	367.7	393.8	509.8	516.4	1411.9	1093.2
85°	299.0	315.4	321.9	292.5	268.0	246.7	300.7	405.3	420.0	547.4	254.9
87.5°	67.0	68.6	75.2	99.7	145.4	197.7	279.4	370.9	377.5	351.3	31.0
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: P1047895

CATALOG NUMBER: GALN-SA5C-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4	145.4
2.5°	147.1	143.8	142.2	137.3	132.4	127.5	124.2	122.6	124.2	125.8	125.8
5°	145.4	140.5	132.4	124.2	117.7	111.1	104.6	102.9	102.9	104.6	104.6
7.5°	145.4	137.3	125.8	116.0	106.2	96.4	91.5	88.2	89.9	89.9	89.9
10°	145.4	135.6	120.9	106.2	94.8	83.3	75.2	71.9	71.9	71.9	71.9
12.5°	143.8	134.0	116.0	98.0	81.7	68.6	58.8	53.9	55.6	55.6	55.6
15°	140.5	129.1	109.5	83.3	65.4	52.3	42.5	37.6	39.2	42.5	44.1
17.5°	135.6	124.2	98.0	70.3	52.3	39.2	29.4	26.1	27.8	32.7	32.7
20°	134.0	119.3	86.6	57.2	39.2	27.8	19.6	16.3	18.0	24.5	26.1
22.5°	134.0	116.0	78.4	47.4	29.4	18.0	11.4	6.5	6.5	11.4	11.4
25°	135.6	114.4	71.9	39.2	21.2	13.1	6.5	3.3	6.5	18.0	21.2
27.5°	138.9	112.8	68.6	32.7	16.3	11.4	4.9	11.4	19.6	19.6	19.6
30°	142.2	109.5	63.7	27.8	14.7	8.2	8.2	16.3	16.3	19.6	21.2
32.5°	147.1	107.9	60.5	24.5	11.4	6.5	11.4	9.8	9.8	11.4	13.1
35°	156.9	109.5	57.2	24.5	11.4	8.2	9.8	4.9	3.3	3.3	3.3
37.5°	169.9	111.1	52.3	21.2	9.8	9.8	4.9	0.0	0.0	0.0	0.0
40°	191.2	116.0	49.0	19.6	8.2	8.2	1.6	0.0	0.0	0.0	0.0
42.5°	227.1	125.8	47.4	18.0	8.2	6.5	0.0	0.0	0.0	0.0	0.0
45°	299.0	148.7	44.1	16.3	8.2	3.3	0.0	0.0	0.0	0.0	0.0
47.5°	429.8	202.6	42.5	13.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	627.5	274.5	40.9	11.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	800.7	289.2	27.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	820.3	199.4	21.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	653.6	129.1	18.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	495.1	98.0	16.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	475.5	88.2	16.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	524.5	76.8	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	853.0	63.7	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1482.1	55.6	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1872.7	52.3	9.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1632.5	47.4	9.8	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	982.1	40.9	9.8	6.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	514.7	31.0	9.8	8.2	4.9	1.6	0.0	0.0	0.0	0.0	0.0
80°	250.0	27.8	11.4	8.2	6.5	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	98.0	22.9	13.1	11.4	8.2	4.9	1.6	0.0	0.0	0.0	0.0
85°	44.1	19.6	14.7	13.1	11.4	6.5	1.6	0.0	0.0	0.0	0.0
87.5°	22.9	18.0	16.3	14.7	11.4	8.2	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: SP1-2407-184-8

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

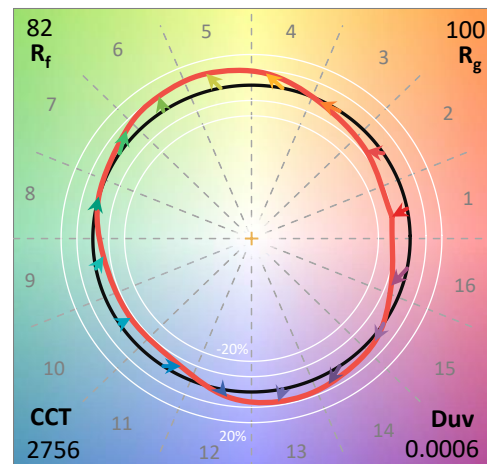
Test Information

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

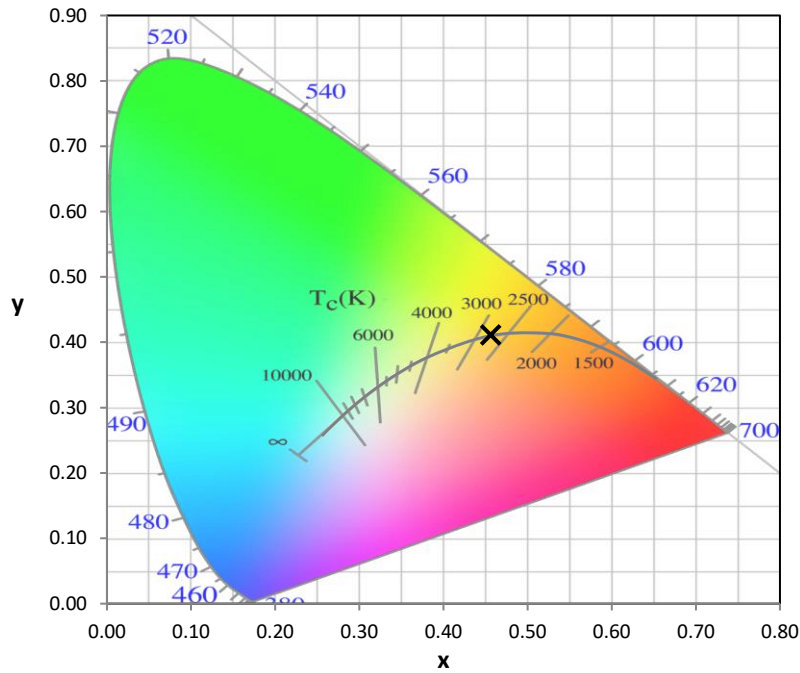
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

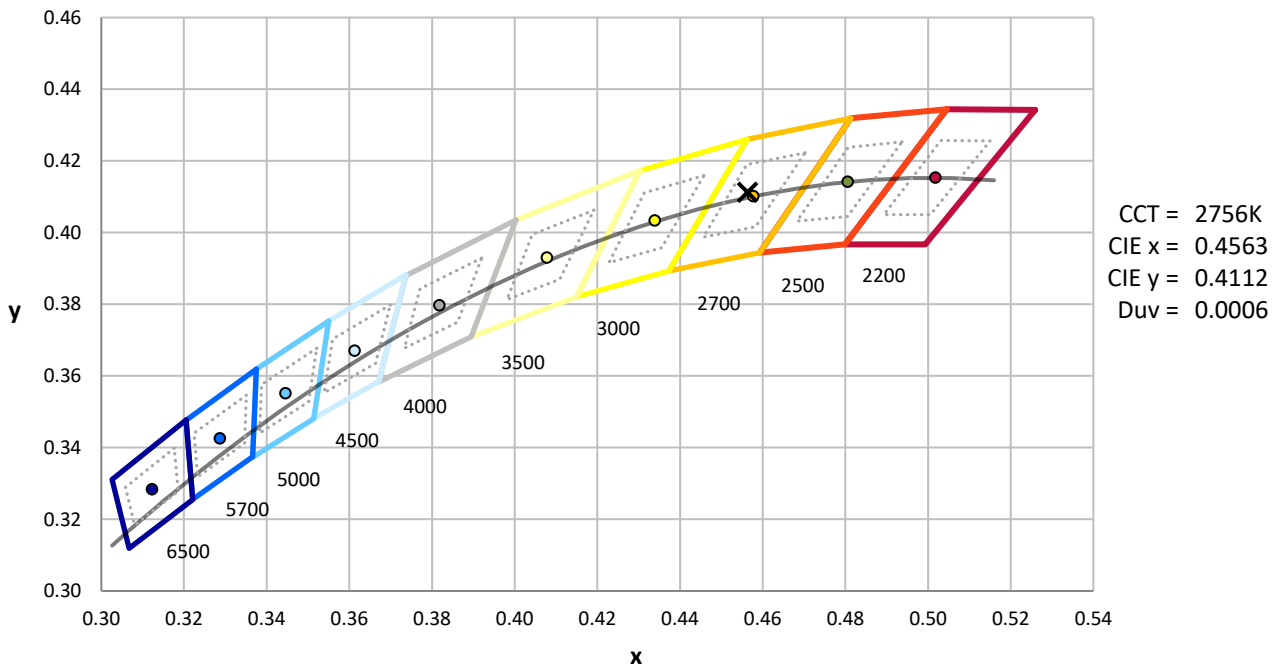
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



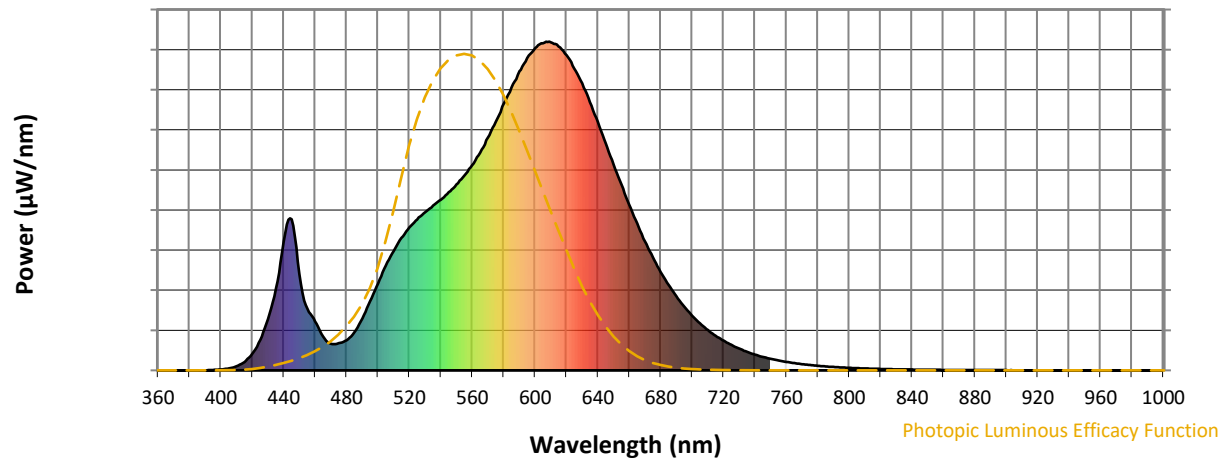
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 2756K
 CIE x = 0.4563
 CIE y = 0.4112
 Duv = 0.0006

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Photopic Flux vs. Wavelength

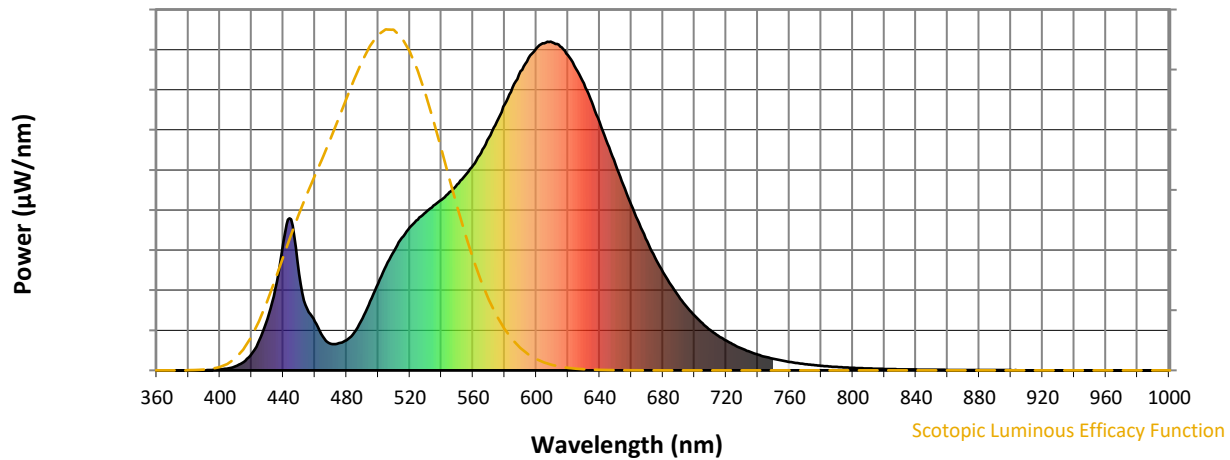


Photopic Lumens: NR

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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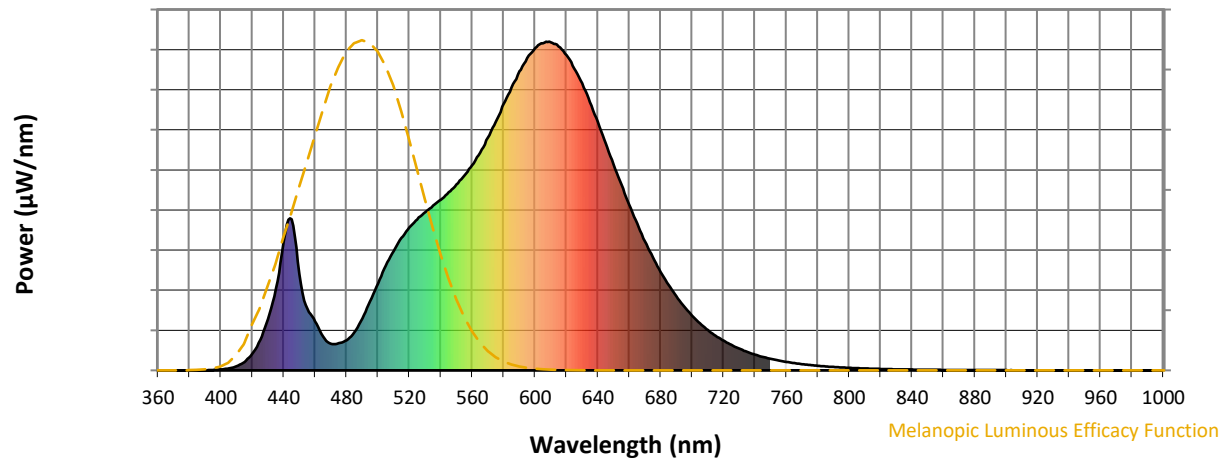
Scotopic Flux vs. Wavelength


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

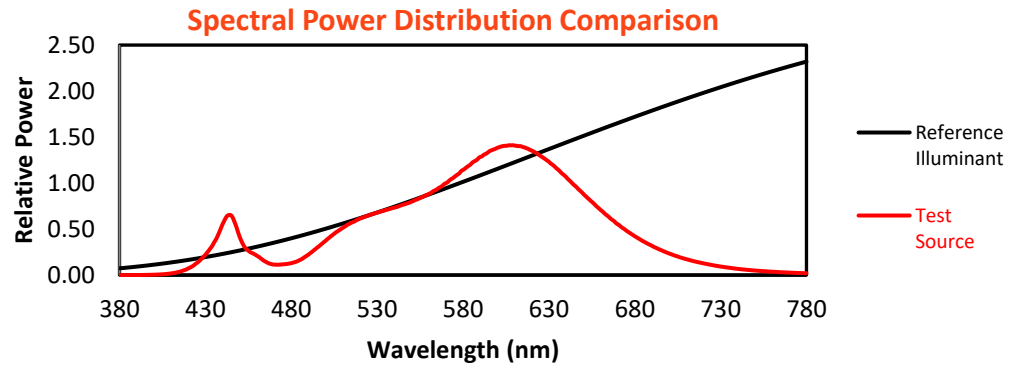
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959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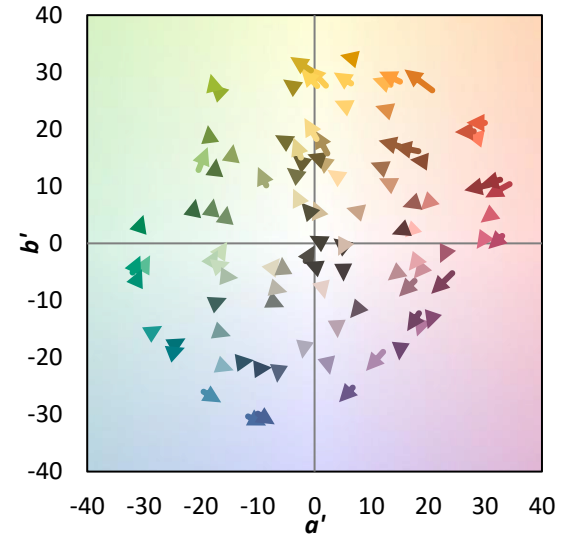
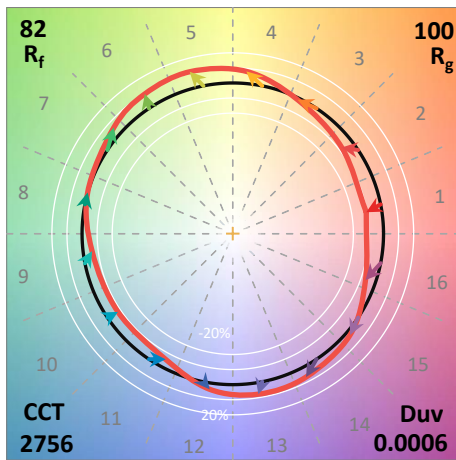
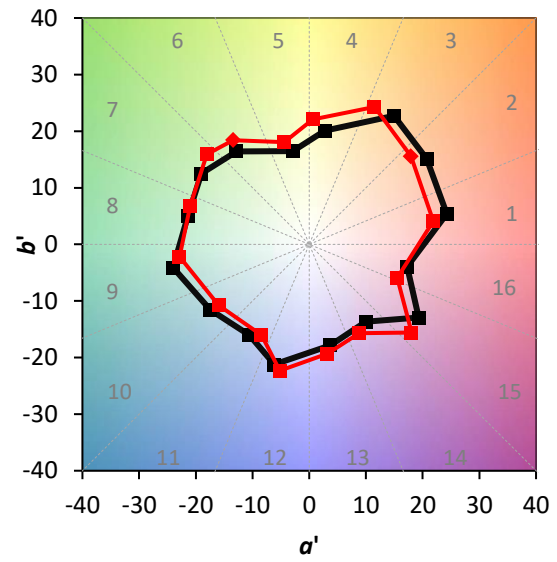
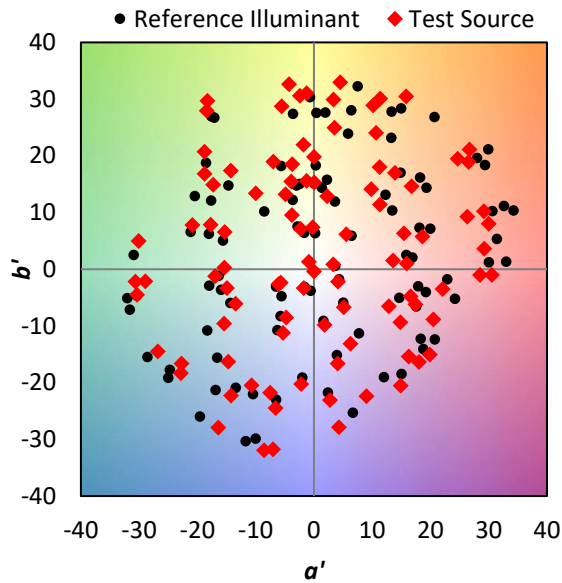
TM-30-18

Summary

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

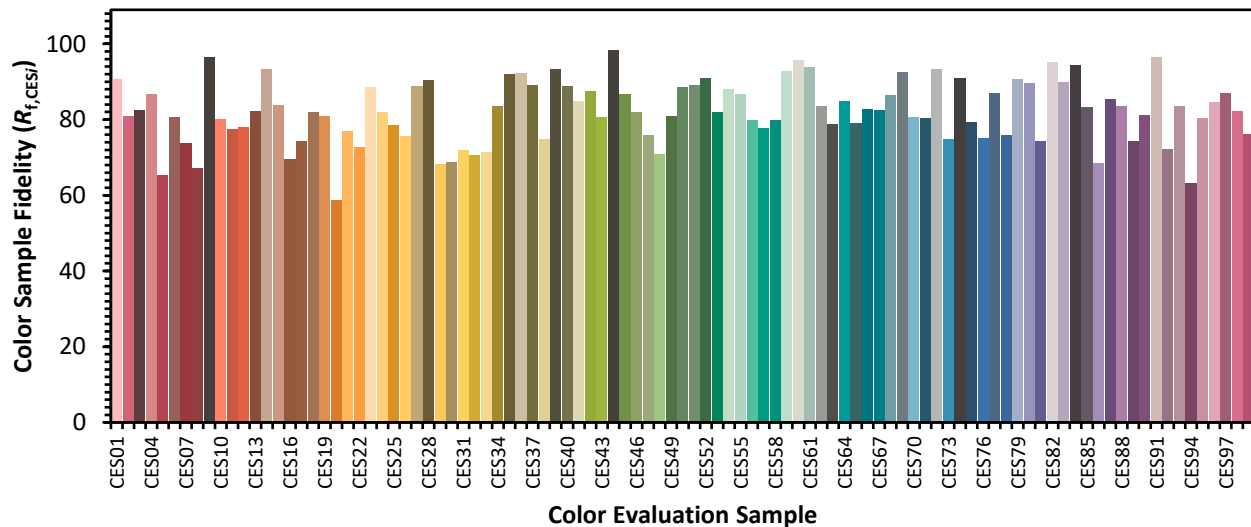


Color Vector Graphics

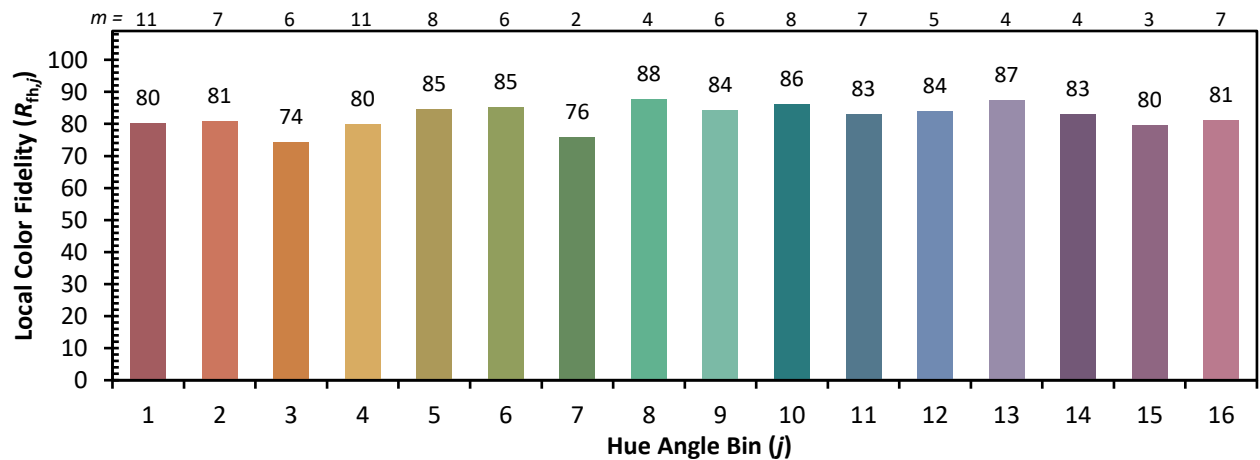
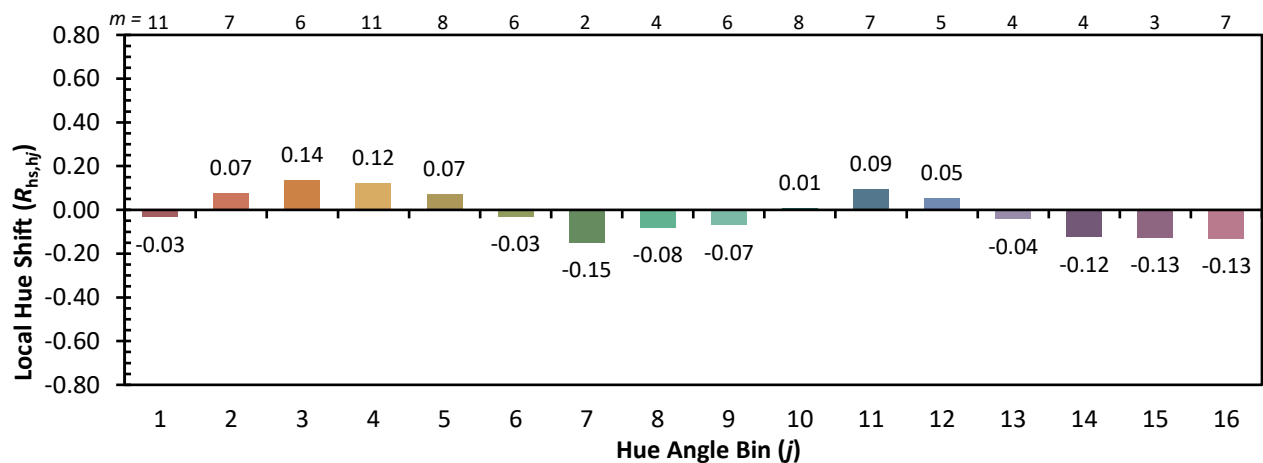
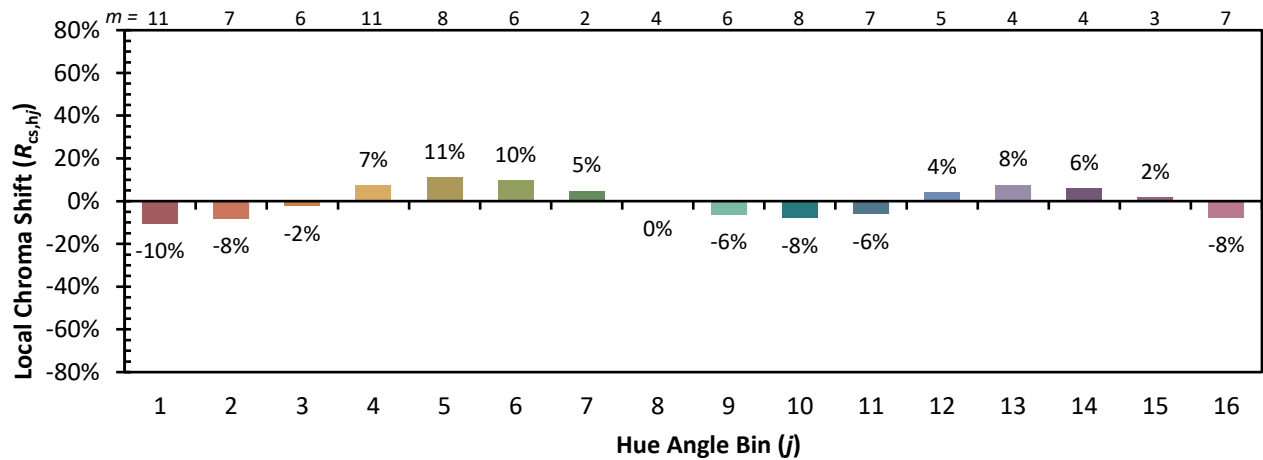


Individual Sample Fidelity Index ($R_{f,i}$)

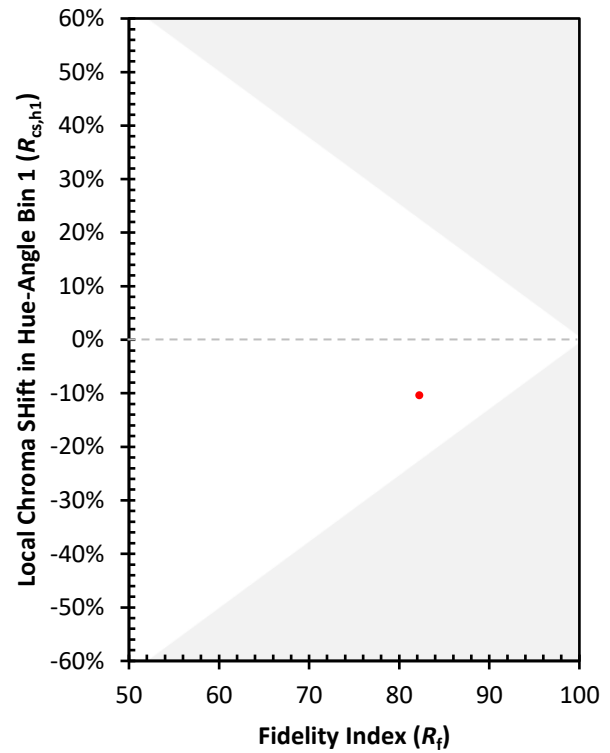
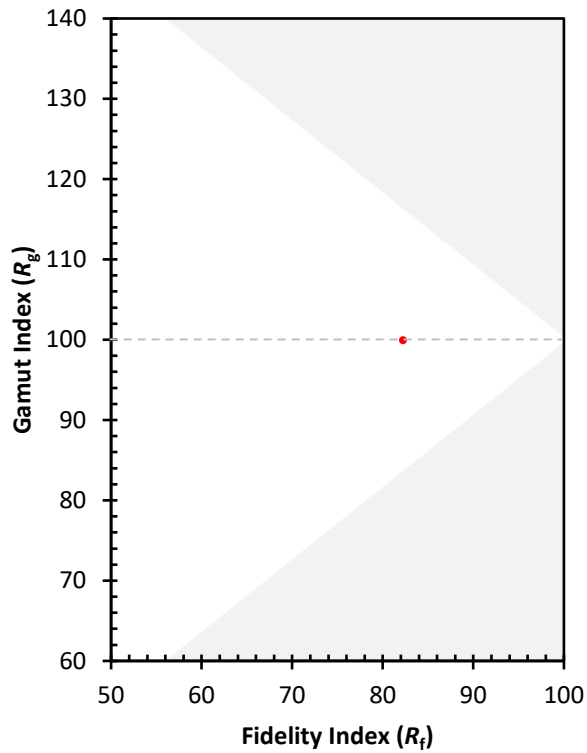
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)