

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: P1047710

Luminaire Tested: **GALN-SA4B-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047710
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16336.5 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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

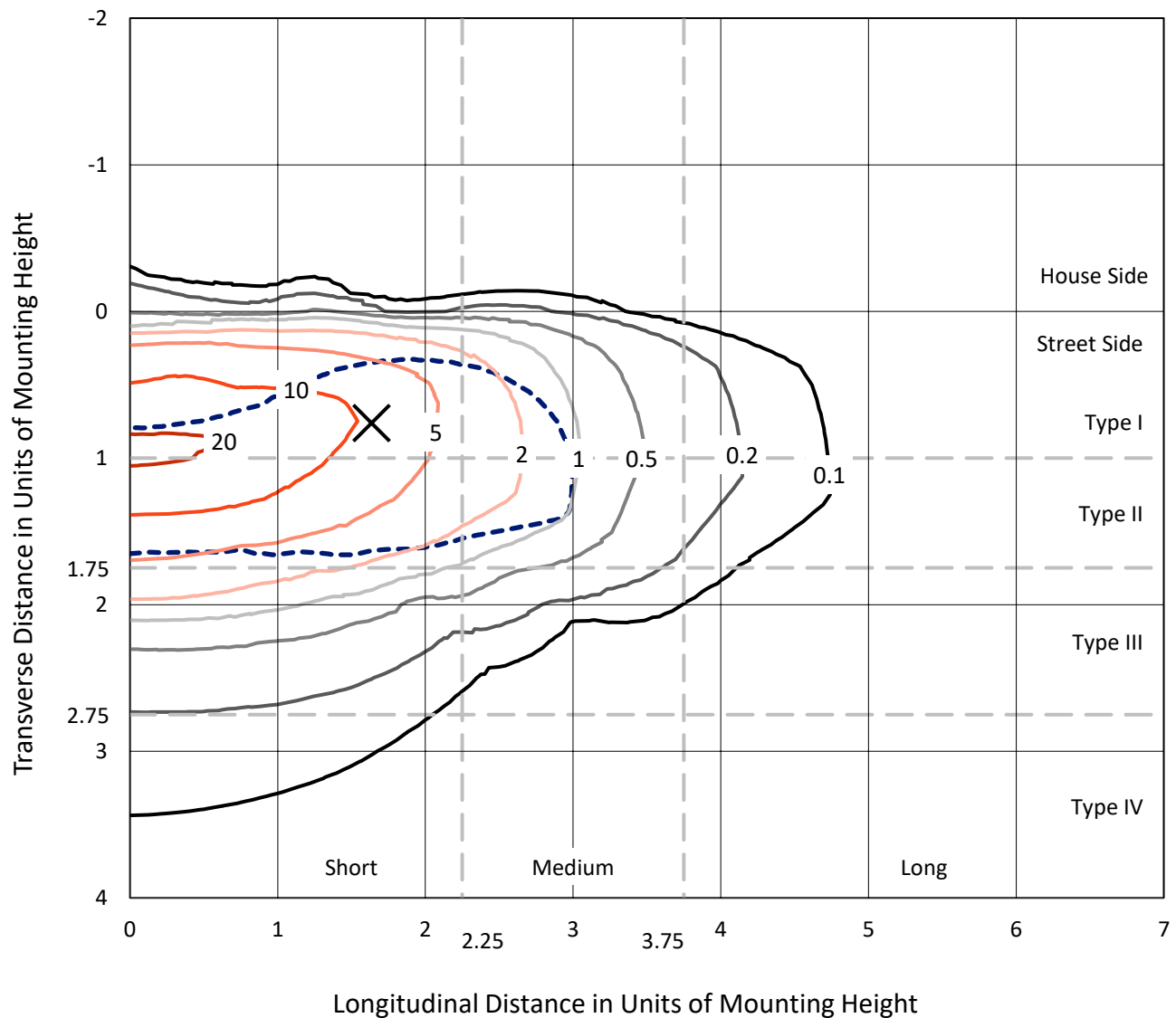


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

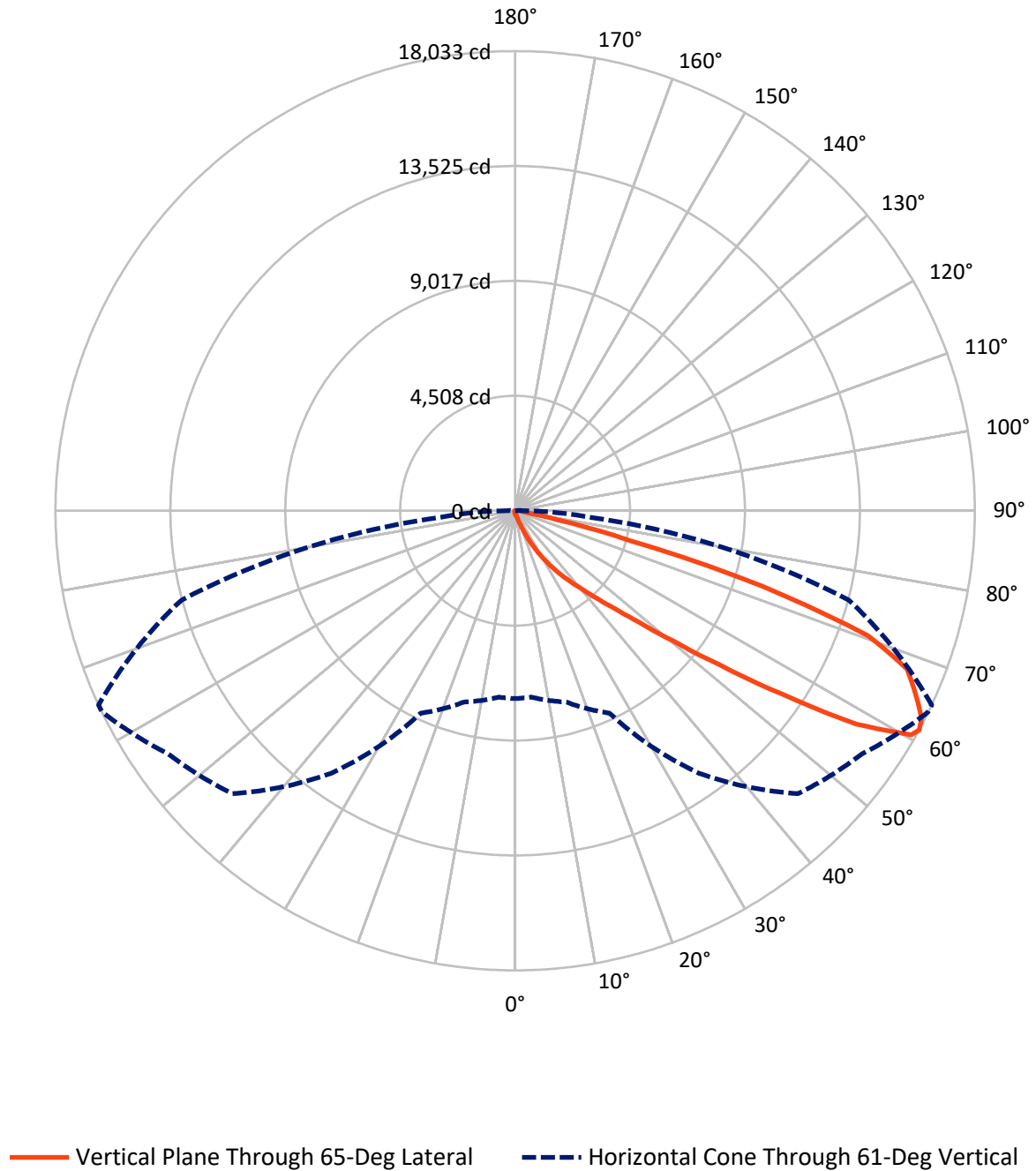


Based on 15 foot mounting height. Maximum calculated value = 21.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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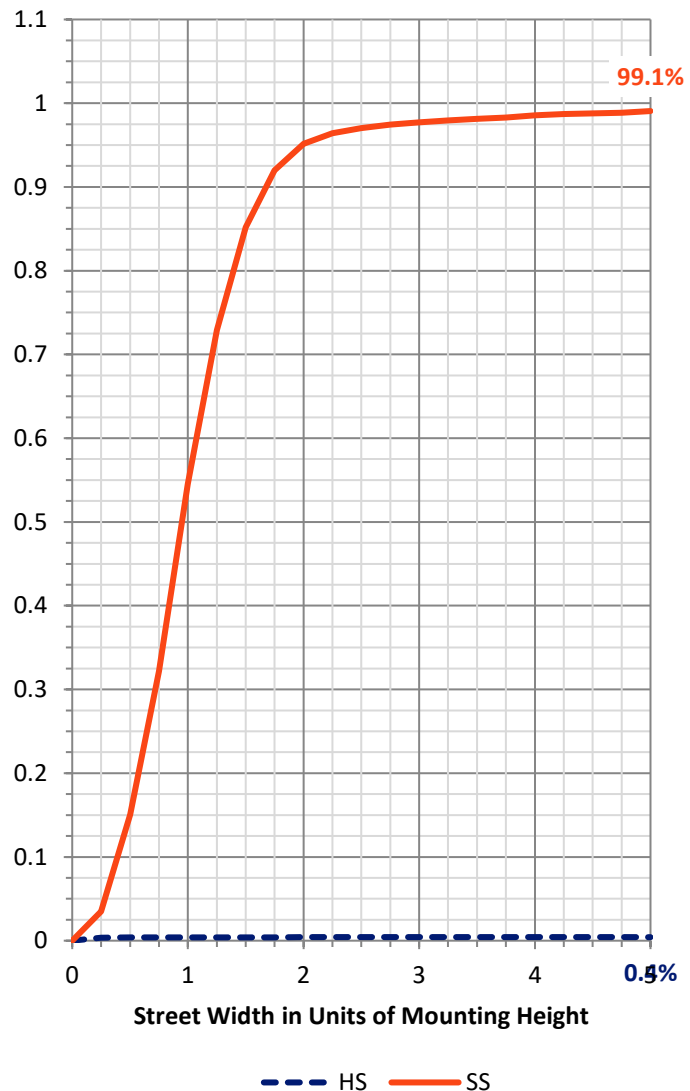
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.7	0.0	69.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16266.8	0.0	16266.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	16336.5	0.0	16336.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.1
10°-20°	134.3	0.8
20°-30°	482.1	3.0
30°-40°	1283.6	7.9
40°-50°	3371.9	20.6
50°-60°	5223.8	32.0
60°-70°	4380.1	26.8
70°-80°	1289.0	7.9
80°-90°	159.0	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°	16336.5	100.0
0°-180°	16336.5	100.0



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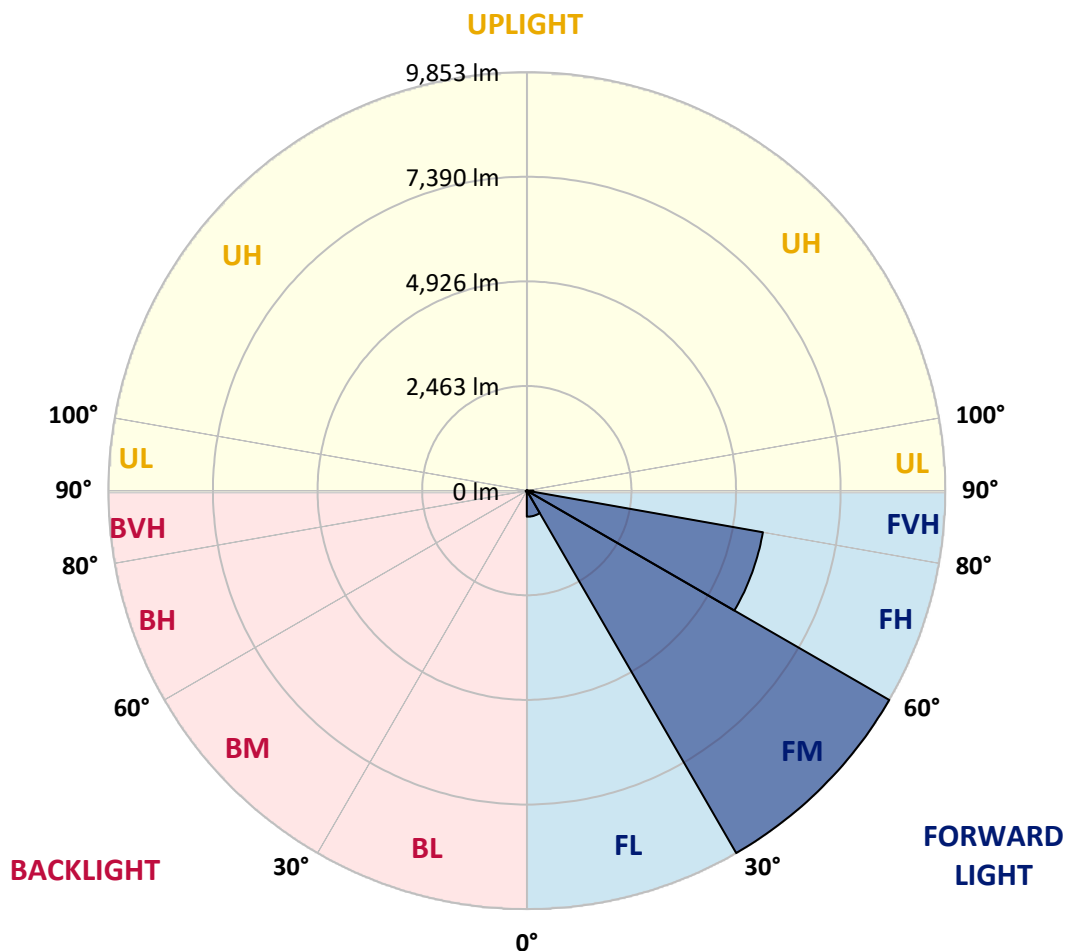
CATALOG NUMBER: GALN-SA4B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	613.5	3.8			
FM	(30°-60°)	9852.8	60.3			
FH	(60°-80°)	5644.4	34.6			G3/7500
FVH	(80°-90°)	156.1	1.0			G2/225
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	26.5	0.2	B0/220		
BH	(60°-80°)	24.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.5°	121.4	122.5	120.2	115.7	112.4	112.4	111.3	107.9	107.9	104.5	102.3
5°	169.7	167.4	162.9	154.0	146.1	138.2	130.4	122.5	121.4	111.3	104.5
7.5°	277.6	279.8	265.2	237.1	213.5	183.2	155.1	138.2	136.0	119.1	105.6
10°	609.1	592.2	558.5	449.5	369.7	278.7	206.8	160.7	158.5	128.1	107.9
12.5°	1110.3	1096.8	1035.0	922.6	717.0	499.0	302.3	198.9	192.2	136.0	109.0
15°	1600.3	1578.9	1545.2	1431.7	1191.2	894.5	494.5	272.0	254.0	147.2	107.9
17.5°	1912.7	1916.0	1885.7	1837.4	1682.3	1323.8	854.1	405.7	370.8	167.4	105.6
20°	2185.7	2177.9	2194.7	2168.9	2059.9	1799.2	1242.9	642.8	583.2	200.0	106.8
22.5°	2500.4	2519.5	2531.9	2526.2	2406.0	2183.5	1684.5	962.0	886.7	259.6	110.1
25°	2921.8	2919.6	2920.7	2906.1	2789.2	2542.0	2127.3	1358.6	1282.2	356.2	118.0
27.5°	3363.5	3376.9	3382.6	3329.7	3176.9	2934.2	2537.5	1792.4	1702.5	511.3	128.1
30°	3966.9	3955.7	3929.8	3822.0	3636.5	3335.4	2942.0	2247.6	2153.2	728.2	143.8
32.5°	4780.5	4768.2	4637.8	4399.6	4122.0	3753.4	3348.9	2703.8	2589.2	999.0	165.2
35°	6121.2	6140.3	5820.0	5203.1	4705.3	4255.7	3799.5	3157.8	3056.7	1332.8	194.4
37.5°	8174.3	8069.8	7634.9	6544.9	5472.8	4882.8	4229.9	3616.3	3528.7	1744.1	232.6
40°	10169.1	10065.7	9939.8	8907.1	6806.7	5573.9	4832.2	4154.6	4041.1	2208.2	288.8
42.5°	12266.0	12208.7	12203.1	11424.3	9240.8	6660.6	5557.1	4785.0	4688.4	2717.3	381.0
45°	13751.7	13694.3	13814.6	13950.6	12556.0	8989.1	6819.1	5604.3	5463.8	3335.4	528.2
47.5°	13951.7	13953.9	14275.3	14701.2	15019.3	12590.8	8500.2	6689.8	6519.0	4219.8	775.4
50°	13286.4	13312.3	13823.6	14585.5	15441.8	15612.6	11464.8	8265.4	8012.5	5268.3	1126.0
52.5°	12019.9	12049.1	12761.6	14014.6	15053.0	16338.6	14955.2	10326.4	10035.3	6576.3	1620.5
55°	10879.3	10897.3	11714.2	13297.6	14584.4	15944.1	17027.5	13078.5	12696.4	8185.6	2108.2
57.5°	9749.9	9708.3	10239.9	12052.5	14504.6	15459.8	17333.1	16215.0	15793.6	9944.3	2488.0
60°	8239.5	8169.9	8596.9	9749.9	13455.0	15777.8	16761.1	17950.1	17854.6	12393.0	2781.3
61°	7370.8	7341.6	7770.9	8759.8	12571.7	15696.9	16624.0	18023.1	18033.2	13551.6	2912.8
62.5°	5263.8	5346.9	6003.2	7288.8	10529.8	15172.1	16642.0	17797.2	17897.3	15091.2	3253.3
65°	2339.7	2473.4	2983.6	4029.9	6123.5	12621.1	16482.4	17301.7	17252.2	15513.7	4426.6
67.5°	1387.9	1408.1	1662.1	2283.5	3243.2	6788.7	14545.0	16646.5	16580.2	13505.5	5507.6
70°	1093.4	1103.5	1184.5	1432.8	1882.3	2600.4	8301.3	14402.3	14691.1	10951.2	5391.9
72.5°	1037.2	1035.0	1046.2	1090.1	1185.6	1290.1	3214.0	9573.5	10161.2	7886.7	4521.0
75°	1023.8	1019.3	1008.0	991.2	858.6	759.7	995.7	4234.4	4574.9	5388.5	3403.9
77.5°	993.4	994.5	996.8	950.7	736.1	537.2	482.1	1358.6	1671.1	3419.7	2419.5
80°	672.0	682.1	699.0	681.0	661.9	388.8	340.5	483.2	490.0	1919.4	1598.0
82.5°	340.5	340.5	332.6	296.7	256.2	252.8	270.8	350.6	355.1	970.9	751.8
85°	205.7	216.9	221.4	201.2	184.3	169.7	206.8	278.7	288.8	376.5	175.3
87.5°	46.1	47.2	51.7	68.6	100.0	136.0	192.2	255.1	259.6	241.6	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA4B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.5°	101.1	98.9	97.8	94.4	91.0	87.7	85.4	84.3	85.4	86.5	86.5
5°	100.0	96.6	91.0	85.4	80.9	76.4	71.9	70.8	70.8	71.9	71.9
7.5°	100.0	94.4	86.5	79.8	73.0	66.3	62.9	60.7	61.8	61.8	61.8
10°	100.0	93.3	83.2	73.0	65.2	57.3	51.7	49.4	49.4	49.4	49.4
12.5°	98.9	92.1	79.8	67.4	56.2	47.2	40.5	37.1	38.2	38.2	38.2
15°	96.6	88.8	75.3	57.3	45.0	36.0	29.2	25.8	27.0	29.2	30.3
17.5°	93.3	85.4	67.4	48.3	36.0	27.0	20.2	18.0	19.1	22.5	22.5
20°	92.1	82.0	59.6	39.3	27.0	19.1	13.5	11.2	12.4	16.9	18.0
22.5°	92.1	79.8	53.9	32.6	20.2	12.4	7.9	4.5	4.5	7.9	7.9
25°	93.3	78.7	49.4	27.0	14.6	9.0	4.5	2.2	4.5	12.4	14.6
27.5°	95.5	77.5	47.2	22.5	11.2	7.9	3.4	7.9	13.5	13.5	13.5
30°	97.8	75.3	43.8	19.1	10.1	5.6	5.6	11.2	11.2	13.5	14.6
32.5°	101.1	74.2	41.6	16.9	7.9	4.5	7.9	6.7	6.7	7.9	9.0
35°	107.9	75.3	39.3	16.9	7.9	5.6	6.7	3.4	2.2	2.2	2.2
37.5°	116.9	76.4	36.0	14.6	6.7	6.7	3.4	0.0	0.0	0.0	0.0
40°	131.5	79.8	33.7	13.5	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	156.2	86.5	32.6	12.4	5.6	4.5	0.0	0.0	0.0	0.0	0.0
45°	205.7	102.3	30.3	11.2	5.6	2.2	0.0	0.0	0.0	0.0	0.0
47.5°	295.6	139.3	29.2	9.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	431.5	188.8	28.1	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	550.7	198.9	19.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	564.1	137.1	14.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	449.5	88.8	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	340.5	67.4	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	327.0	60.7	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	360.7	52.8	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	586.6	43.8	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1019.3	38.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1287.8	36.0	6.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1122.7	32.6	6.7	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	675.4	28.1	6.7	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	354.0	21.4	6.7	5.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0
80°	171.9	19.1	7.9	5.6	4.5	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	67.4	15.7	9.0	7.9	5.6	3.4	1.1	0.0	0.0	0.0	0.0
85°	30.3	13.5	10.1	9.0	7.9	4.5	1.1	0.0	0.0	0.0	0.0
87.5°	15.7	12.4	11.2	10.1	7.9	5.6	2.2	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

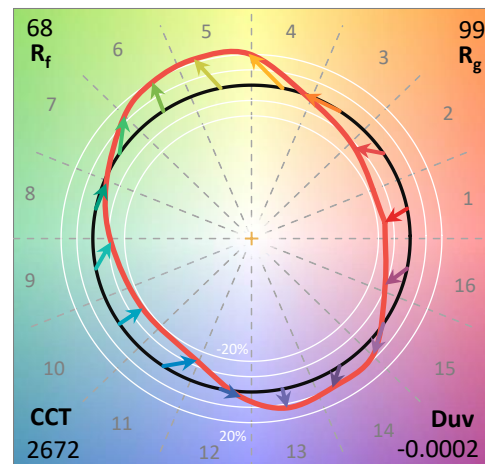
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

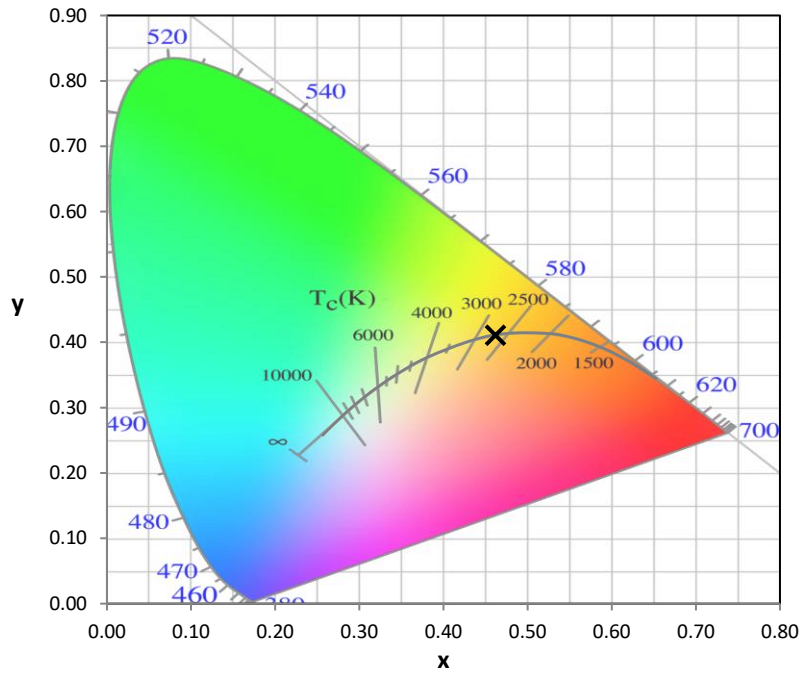
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

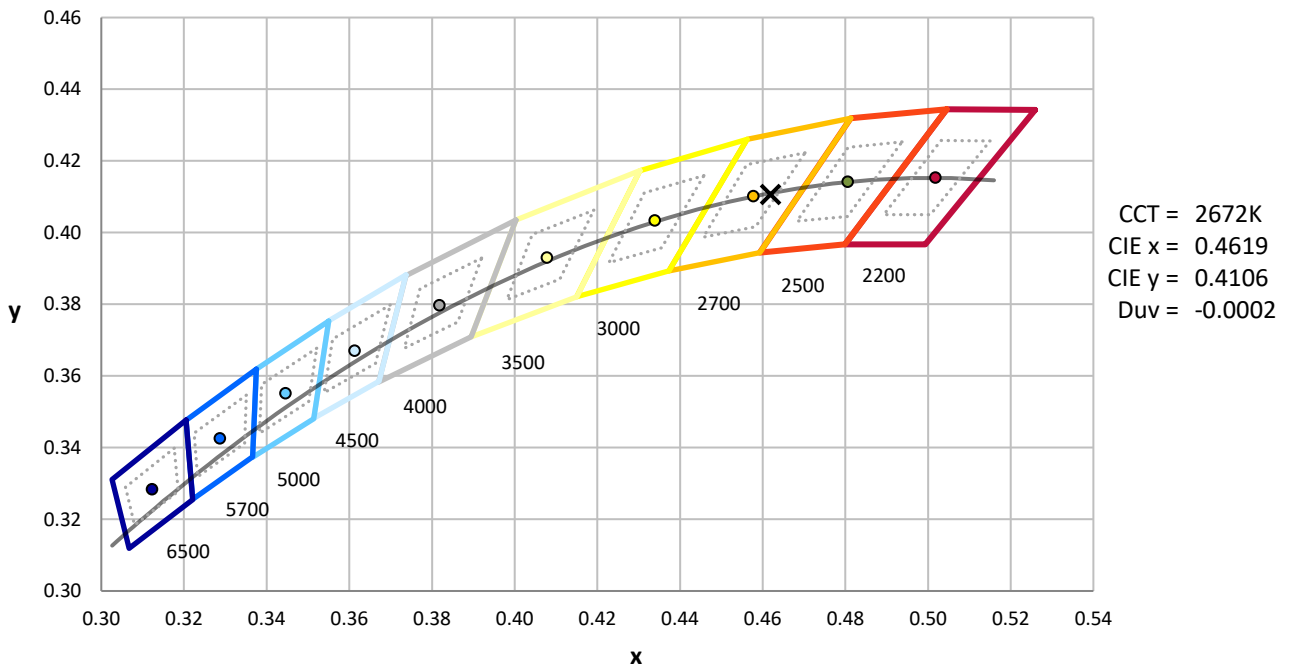
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



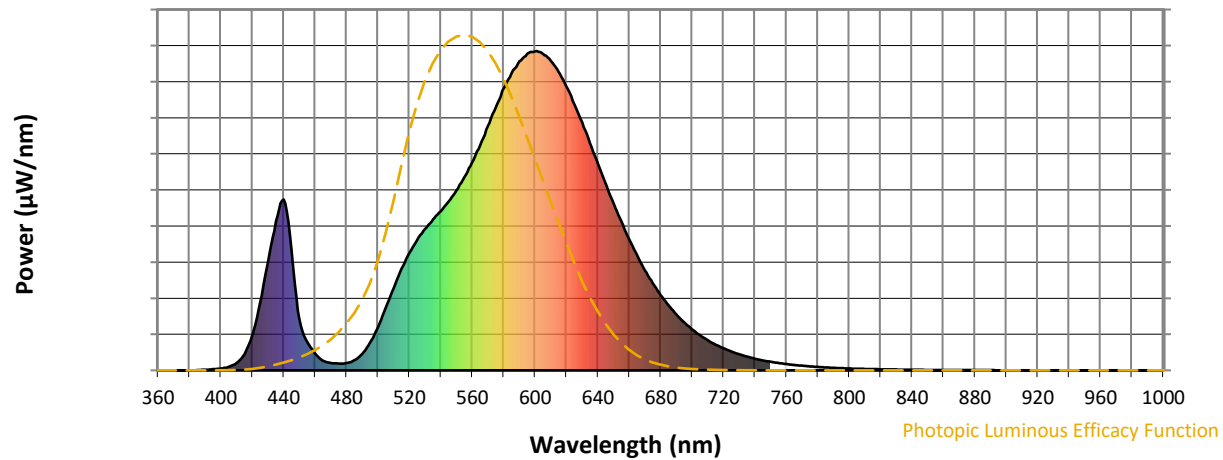
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

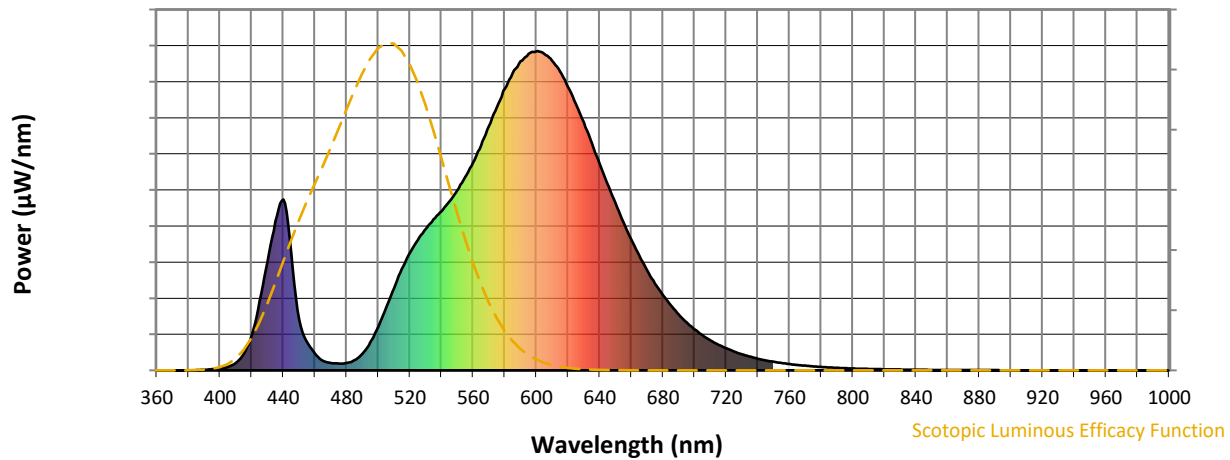


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



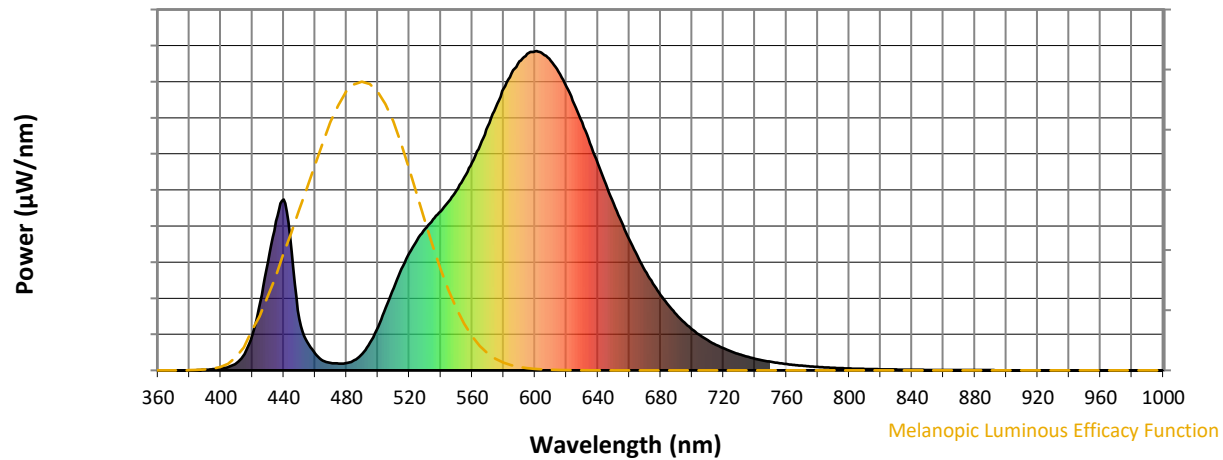
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

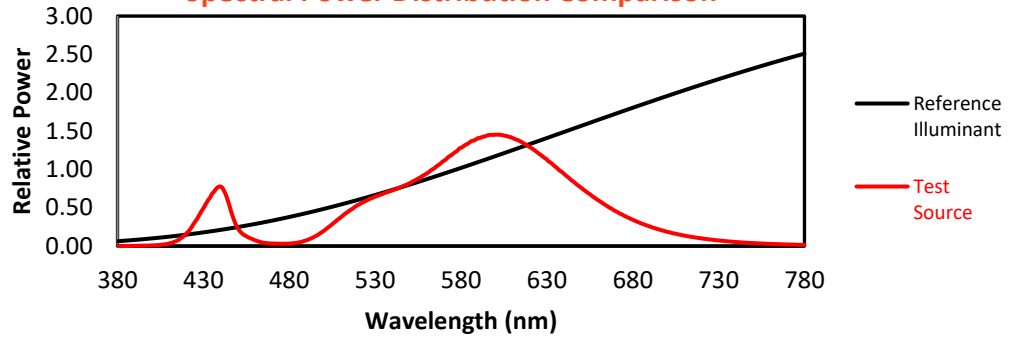
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TM-30-18

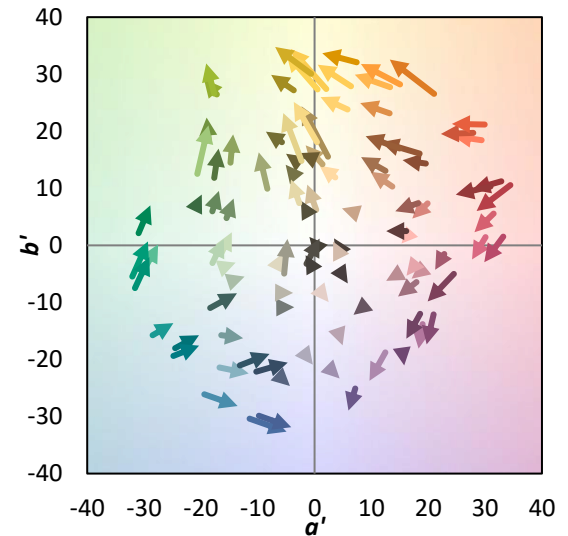
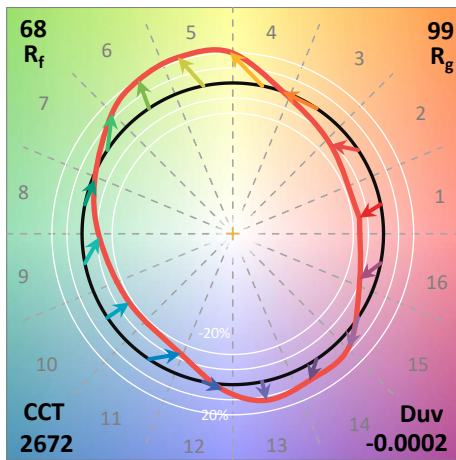
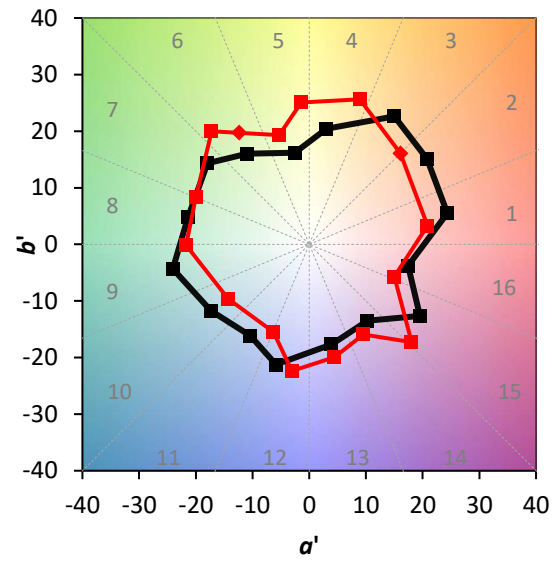
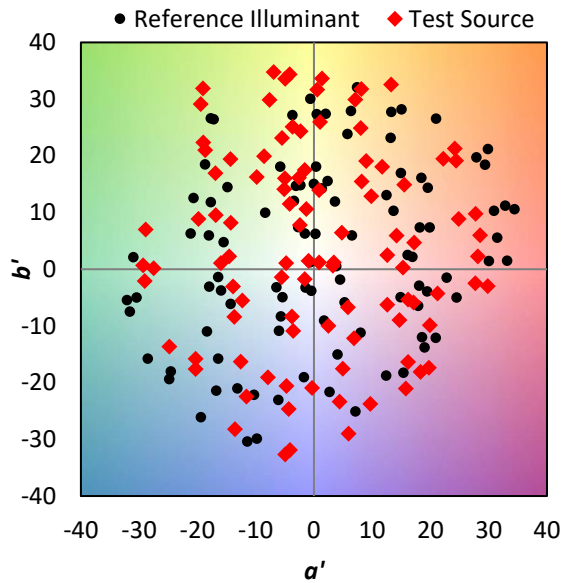
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

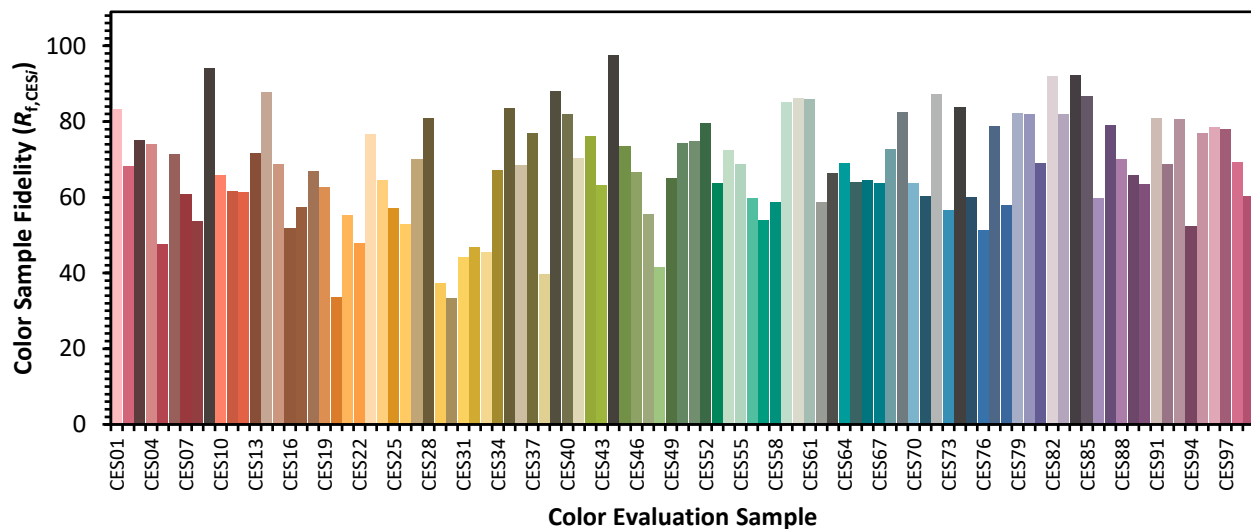


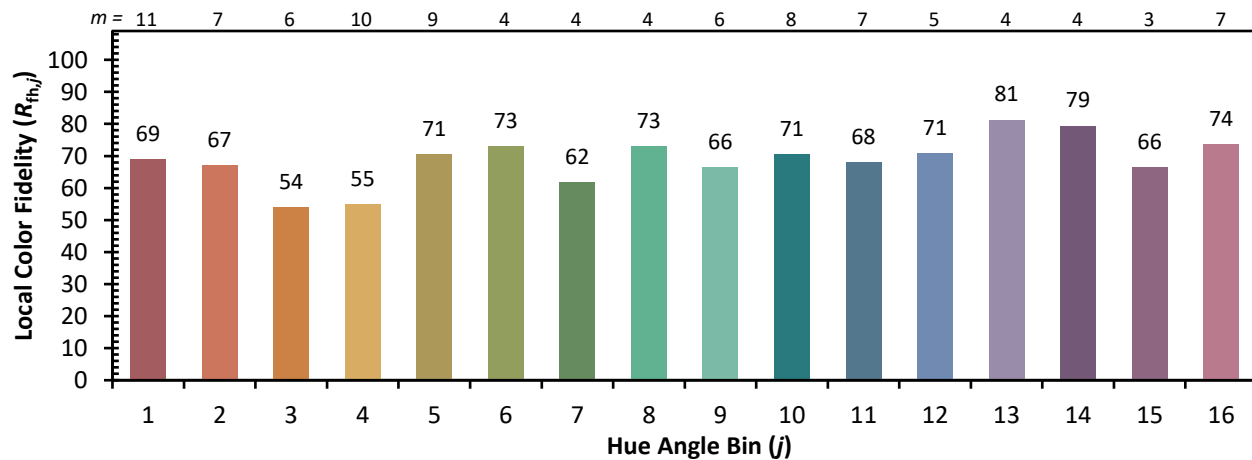
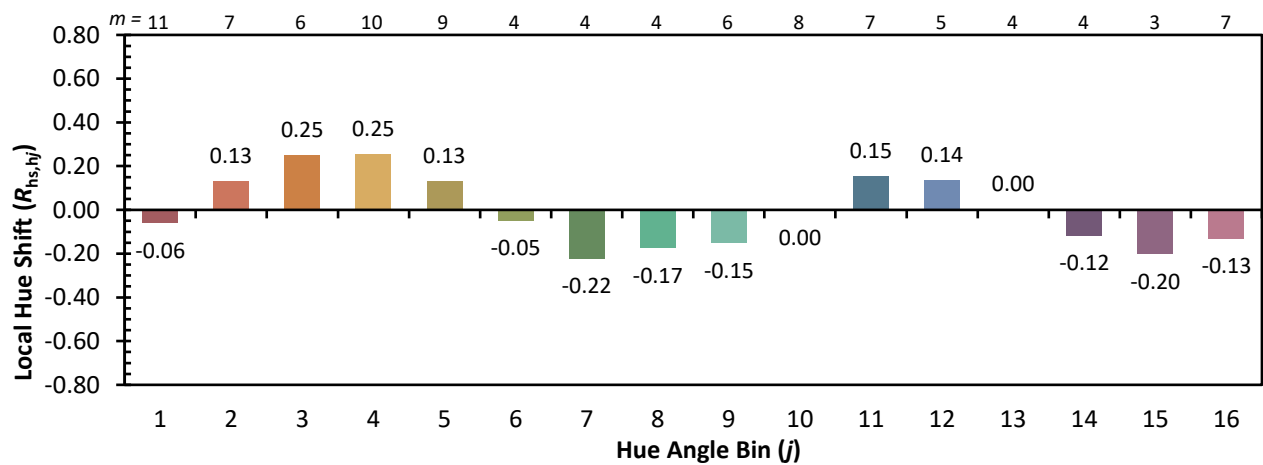
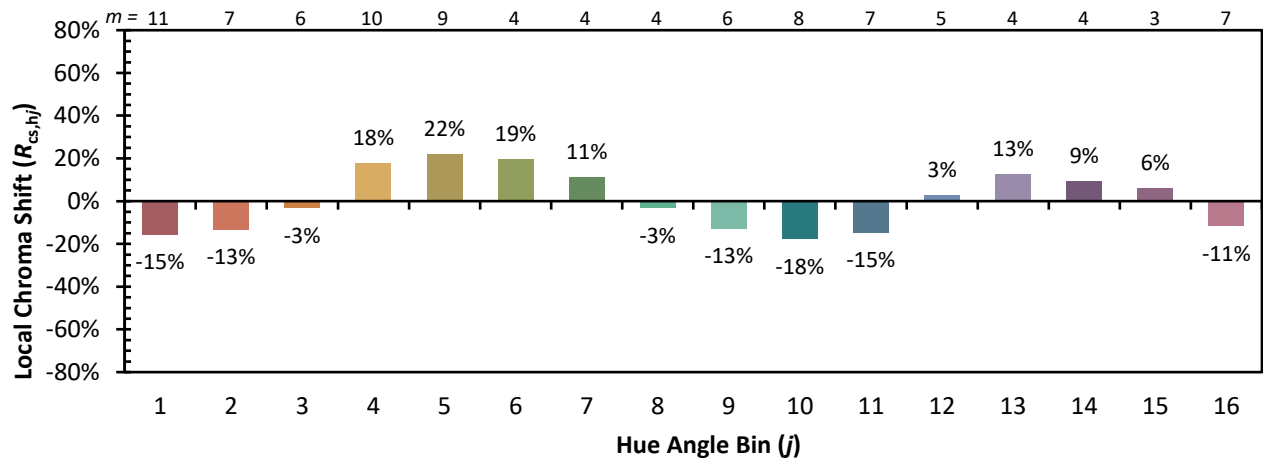
Color Vector Graphics



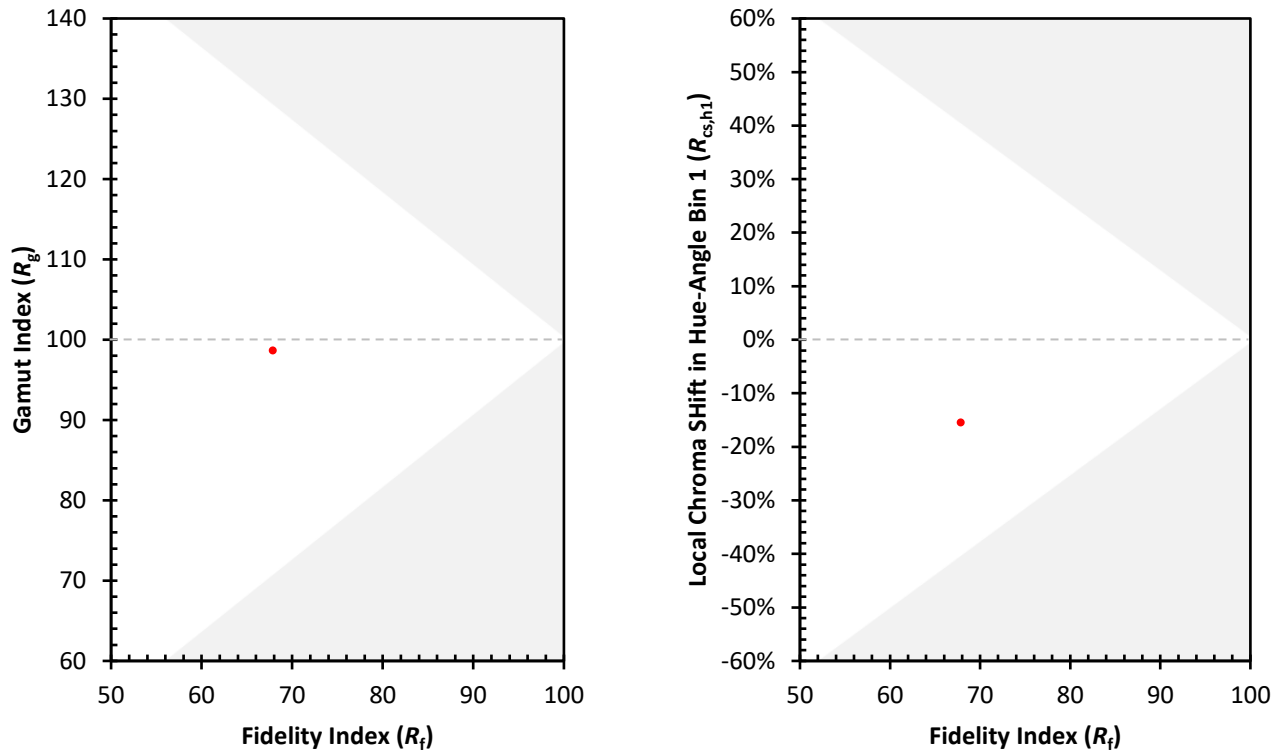
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)