

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: P1047095

Luminaire Tested: **GALN-SA3C-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047095
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16158.4 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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



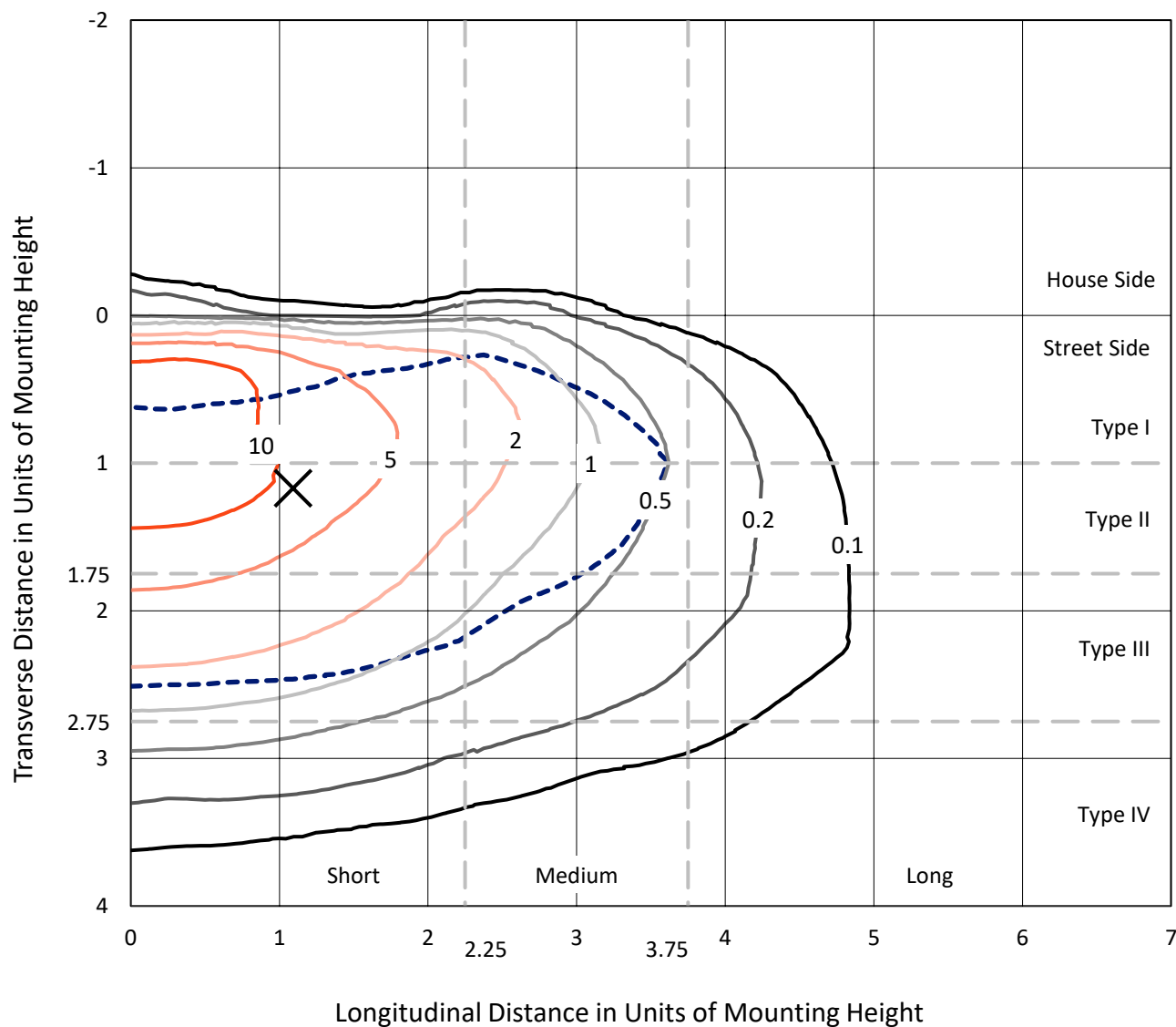
REPORT NUMBER: P1047095

CATALOG NUMBER: GALN-SA3C-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

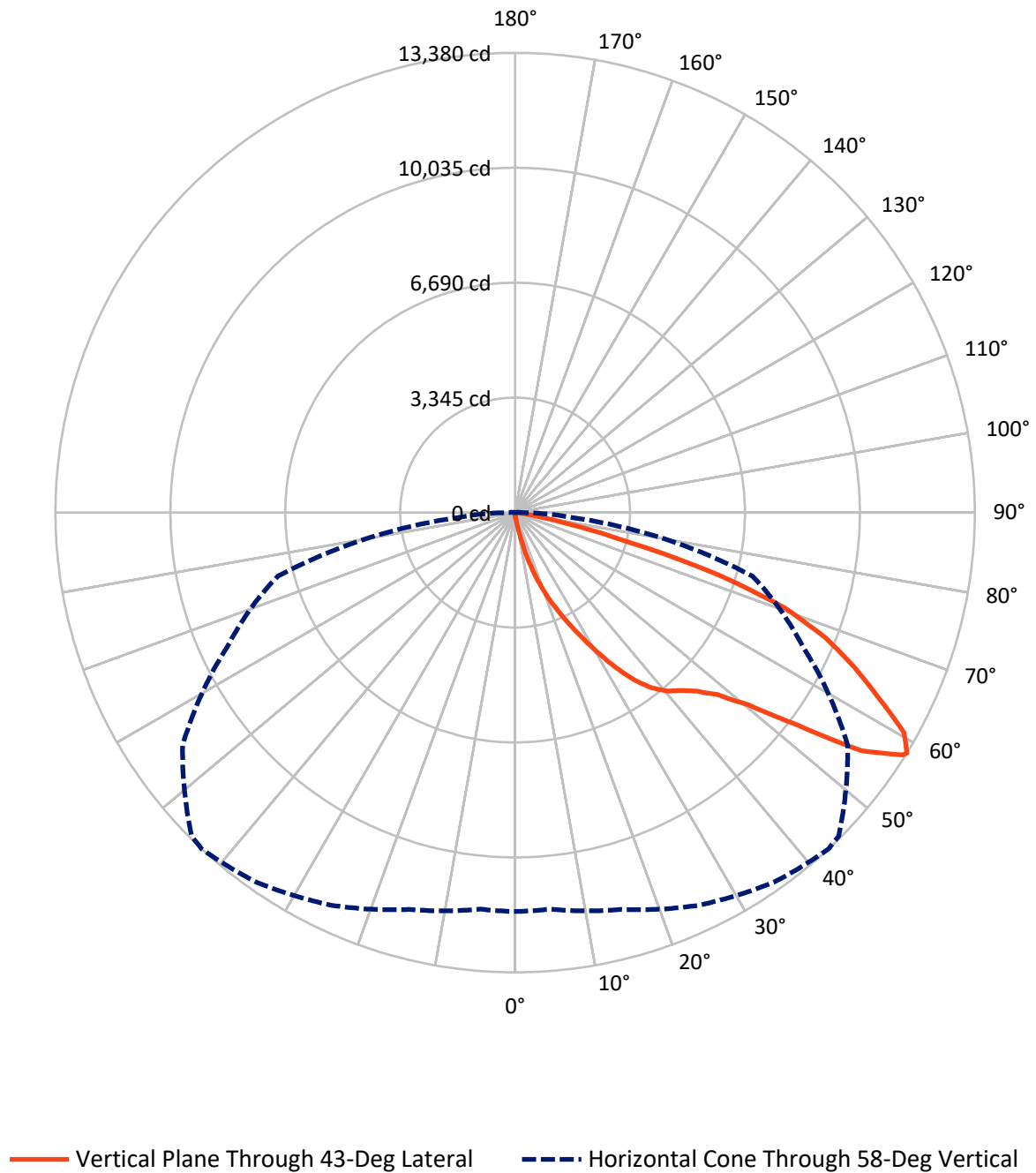


Based on 15 foot mounting height. Maximum calculated value = 18.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1047095

CATALOG NUMBER: GALN-SA3C-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047095

CATALOG NUMBER: GALN-SA3C-727-U-T3BC

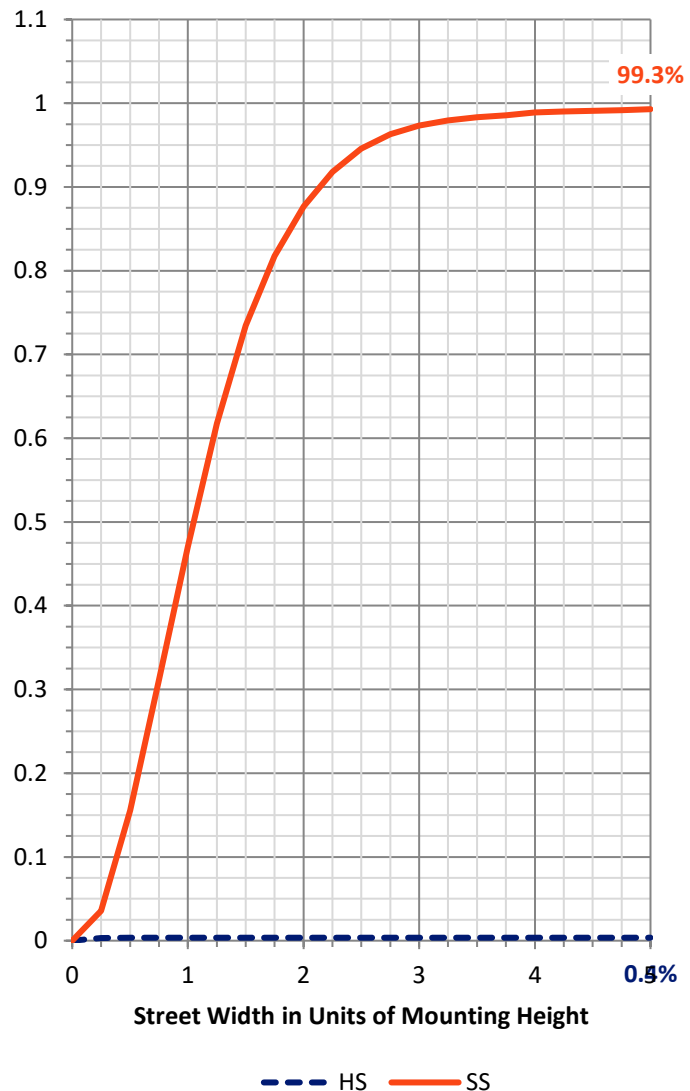
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.0	0.0	59.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16099.4	0.0	16099.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	16158.4	0.0	16158.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	0.1
10°-20°	185.7	1.1
20°-30°	669.5	4.1
30°-40°	1531.7	9.5
40°-50°	2583.4	16.0
50°-60°	4263.2	26.4
60°-70°	4764.7	29.5
70°-80°	1967.3	12.2
80°-90°	177.4	1.1
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°	16158.4	100.0
0°-180°	16158.4	100.0



REPORT NUMBER: P1047095

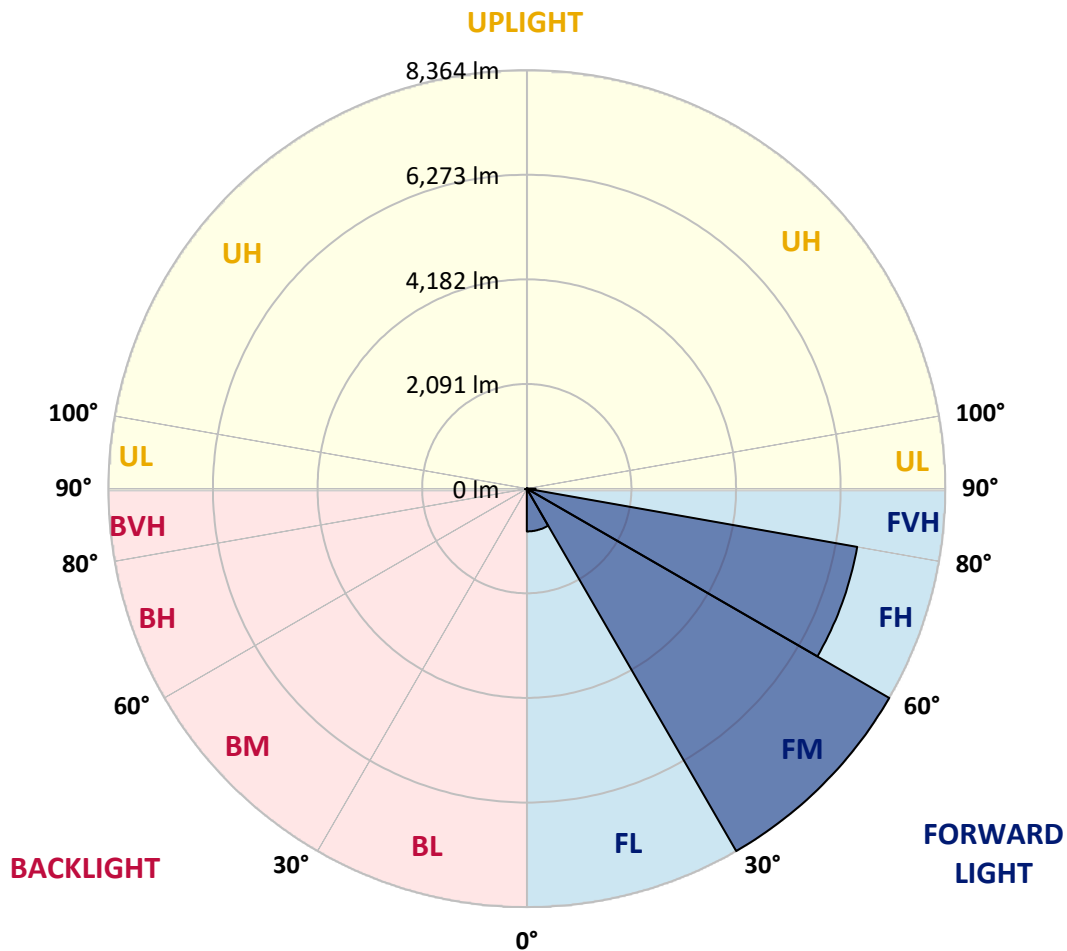
CATALOG NUMBER: GALN-SA3C-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	855.3	5.3			
FM	(30°-60°)	8364.2	51.8			
FH	(60°-80°)	6705.0	41.5			G3/7500
FVH	(80°-90°)	174.9	1.1			G2/225
BL	(0°-30°)	15.4	0.1	B0/110		
BM	(30°-60°)	14.1	0.1	B0/220		
BH	(60°-80°)	27.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G3

Type III Short



REPORT NUMBER: P1047095

CATALOG NUMBER: GALN-SA3C-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
2.5°	126.8	131.0	126.8	126.8	126.8	122.6	122.6	118.3	118.3	114.1	109.9
5°	185.9	185.9	173.3	164.8	156.4	152.1	147.9	139.5	131.0	122.6	114.1
7.5°	414.2	414.2	376.1	325.4	257.8	219.8	211.3	173.3	147.9	131.0	114.1
10°	988.9	988.9	904.4	764.9	591.7	439.5	393.0	249.3	177.5	139.5	118.3
12.5°	1643.9	1665.1	1559.4	1381.9	1124.1	857.9	764.9	456.4	236.7	152.1	118.3
15°	2231.4	2180.7	2151.1	1982.0	1736.9	1420.0	1301.6	769.1	342.3	173.3	118.3
17.5°	2628.6	2628.6	2586.4	2472.3	2248.3	1969.4	1872.2	1242.5	553.6	198.6	122.6
20°	3093.5	3093.5	3017.4	2937.1	2738.5	2501.8	2408.9	1766.5	857.9	253.6	122.6
22.5°	3655.6	3664.0	3579.5	3435.8	3245.6	2983.6	2903.3	2252.5	1242.5	338.1	126.8
25°	4340.2	4348.6	4226.1	4090.9	3799.3	3516.1	3393.6	2810.4	1711.6	473.3	126.8
27.5°	5096.7	5155.8	4974.1	4741.7	4433.2	4078.2	3985.2	3313.3	2176.4	667.7	135.2
30°	6039.1	6039.1	5798.2	5472.8	5138.9	4699.4	4581.1	3841.5	2670.9	925.5	143.7
32.5°	6850.5	6787.1	6478.6	6136.3	5781.3	5371.4	5244.6	4395.1	3178.0	1246.7	160.6
35°	7471.7	7416.8	7036.4	6668.8	6360.3	5984.1	5832.0	4995.2	3714.7	1610.1	185.9
37.5°	8004.2	7983.1	7467.5	7006.9	6804.0	6474.4	6339.1	5561.5	4243.0	2003.2	215.5
40°	8587.4	8519.8	7970.4	7399.9	7095.6	6829.4	6706.8	6018.0	4750.1	2463.8	257.8
42.5°	9086.1	9005.8	8511.3	7953.5	7433.7	7074.5	6956.1	6402.5	5244.6	2924.5	312.7
45°	9639.7	9597.5	9098.8	8676.2	7983.1	7408.3	7252.0	6711.0	5696.8	3473.8	384.6
47.5°	10472.3	10396.2	9931.3	9584.8	8781.8	7915.5	7691.5	7028.0	6132.1	4014.8	494.5
50°	11440.0	11389.3	11114.6	10839.9	10041.2	8781.8	8515.6	7484.4	6618.1	4657.2	638.1
52.5°	12230.3	12221.9	12255.7	12259.9	11655.6	10239.8	9842.6	8219.7	7175.9	5291.1	841.0
55°	12213.4	12251.4	12623.3	13050.2	13096.7	12230.3	11845.7	9458.0	7902.8	6072.9	1124.1
57.5°	11757.0	11727.4	12120.4	12762.8	13215.0	13308.0	13244.6	11380.9	8997.4	7015.3	1559.4
58°	11609.1	11583.7	11955.6	12610.7	13130.5	13379.8	13316.4	11816.2	9242.5	7150.5	1677.8
60°	11072.4	11076.6	11296.3	11892.2	12412.0	13003.7	13062.9	13058.6	10463.8	8054.9	2273.6
62.5°	10362.4	10328.6	10531.4	11017.4	11473.8	11871.1	11972.5	13143.1	12251.4	9204.4	3410.5
65°	9381.9	9331.2	9546.7	10096.1	10586.4	10844.2	10848.4	12010.6	13092.4	10438.4	5033.3
67.5°	7560.5	7518.2	7949.3	8655.0	9411.5	9749.6	9901.7	10421.5	12382.5	11275.2	5963.0
70°	4631.8	4720.5	5320.7	6427.9	7721.1	8342.3	8570.5	8731.1	10544.1	11148.4	4986.8
72.5°	2138.4	2032.8	2544.1	3317.5	4792.4	6174.3	6411.0	7040.7	8359.2	9677.8	3719.0
75°	997.4	959.3	1077.7	1449.5	2172.2	3334.4	3765.4	5620.7	6411.0	6732.2	2683.6
77.5°	511.4	515.6	612.8	659.3	895.9	1542.5	1770.7	3697.8	4699.4	3757.0	1800.3
80°	224.0	232.4	236.7	257.8	363.4	595.9	671.9	1715.8	3211.8	1914.4	984.7
82.5°	143.7	147.9	147.9	147.9	173.3	236.7	270.5	688.9	1601.7	950.9	304.3
85°	76.1	76.1	84.5	105.7	122.6	143.7	152.1	219.8	528.3	283.1	71.8
87.5°	42.3	46.5	50.7	63.4	80.3	97.2	105.7	152.1	202.9	194.4	16.9
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: P1047095

CATALOG NUMBER: GALN-SA3C-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
2.5°	109.9	105.7	101.4	97.2	93.0	88.7	88.7	88.7	88.7	88.7	88.7
5°	105.7	101.4	97.2	88.7	80.3	76.1	71.8	67.6	67.6	67.6	67.6
7.5°	105.7	101.4	88.7	80.3	71.8	63.4	54.9	54.9	54.9	54.9	54.9
10°	105.7	97.2	84.5	71.8	59.2	50.7	46.5	42.3	42.3	42.3	42.3
12.5°	105.7	93.0	80.3	63.4	50.7	42.3	38.0	33.8	33.8	33.8	33.8
15°	105.7	93.0	76.1	59.2	46.5	33.8	29.6	25.4	25.4	25.4	25.4
17.5°	101.4	88.7	71.8	50.7	38.0	25.4	21.1	16.9	16.9	21.1	21.1
20°	97.2	84.5	63.4	42.3	29.6	21.1	12.7	12.7	12.7	12.7	12.7
22.5°	97.2	84.5	59.2	38.0	25.4	12.7	8.5	8.5	8.5	8.5	12.7
25°	97.2	80.3	50.7	29.6	16.9	8.5	4.2	4.2	4.2	4.2	4.2
27.5°	97.2	80.3	46.5	25.4	12.7	8.5	4.2	0.0	0.0	0.0	0.0
30°	93.0	76.1	42.3	21.1	8.5	4.2	0.0	0.0	0.0	0.0	0.0
32.5°	93.0	71.8	33.8	16.9	8.5	4.2	0.0	0.0	0.0	0.0	0.0
35°	97.2	67.6	29.6	12.7	4.2	0.0	0.0	0.0	0.0	0.0	4.2
37.5°	101.4	63.4	25.4	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	105.7	59.2	25.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	114.1	59.2	21.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	122.6	59.2	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	139.5	63.4	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	152.1	67.6	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	169.0	63.4	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	190.2	63.4	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	207.1	59.2	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	215.5	54.9	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	257.8	50.7	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	401.5	42.3	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	815.6	38.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1521.4	33.8	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1703.1	38.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1073.4	29.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	566.3	29.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	283.1	29.6	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	131.0	21.1	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	54.9	12.7	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.4	12.7	8.5	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	12.7	12.7	12.7	8.5	8.5	4.2	4.2	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

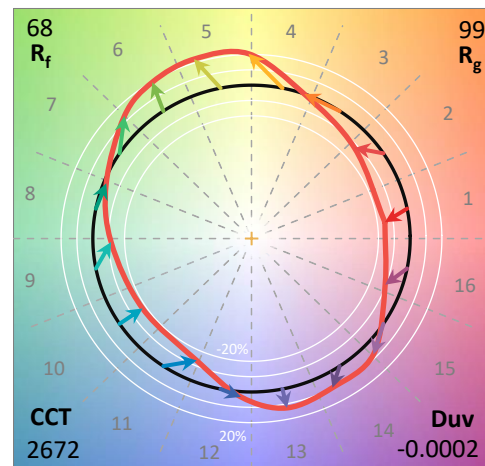
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

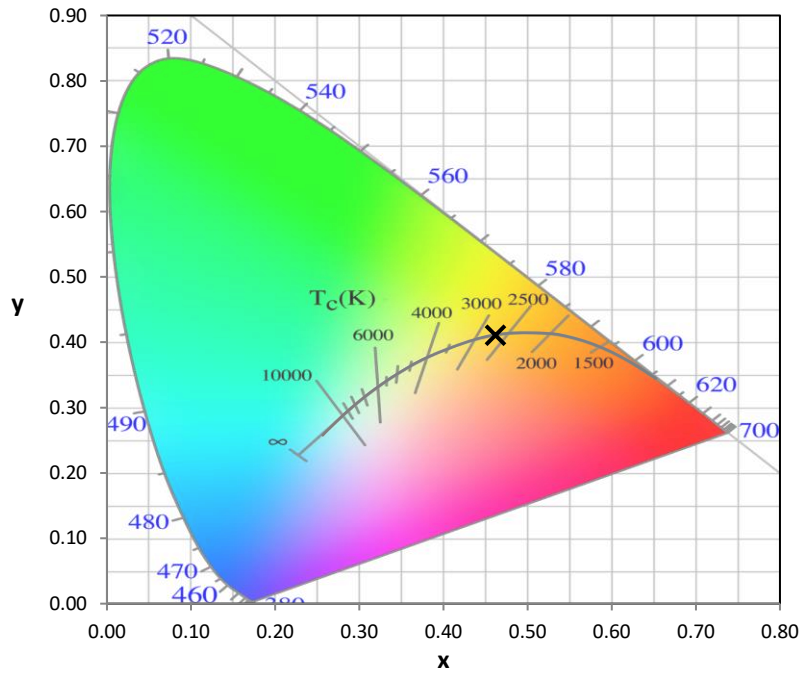
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

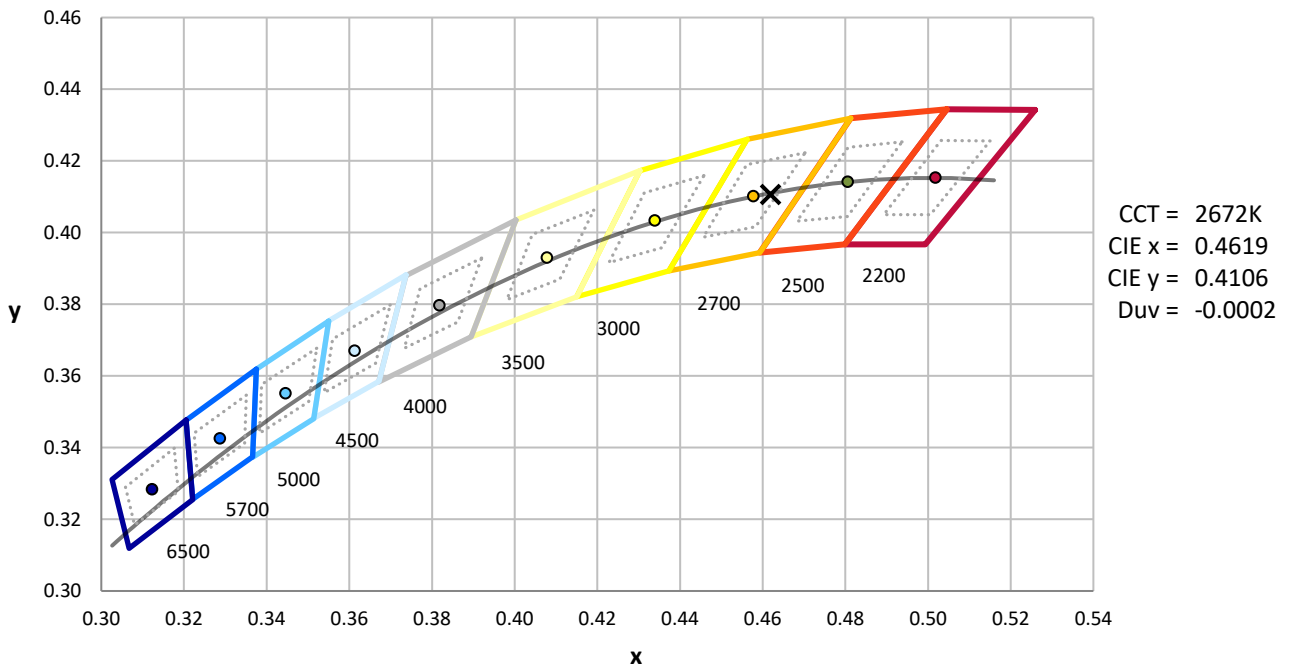
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram

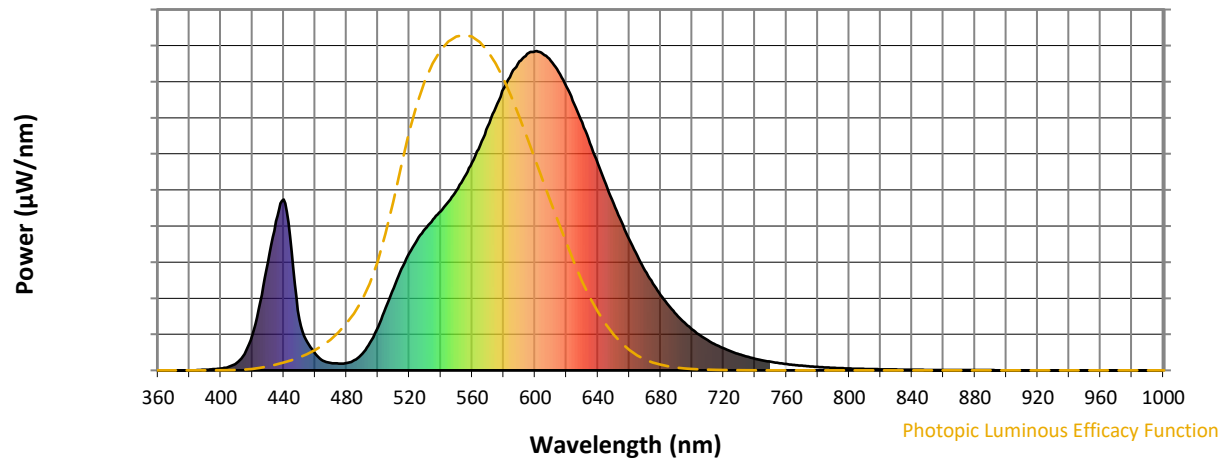


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

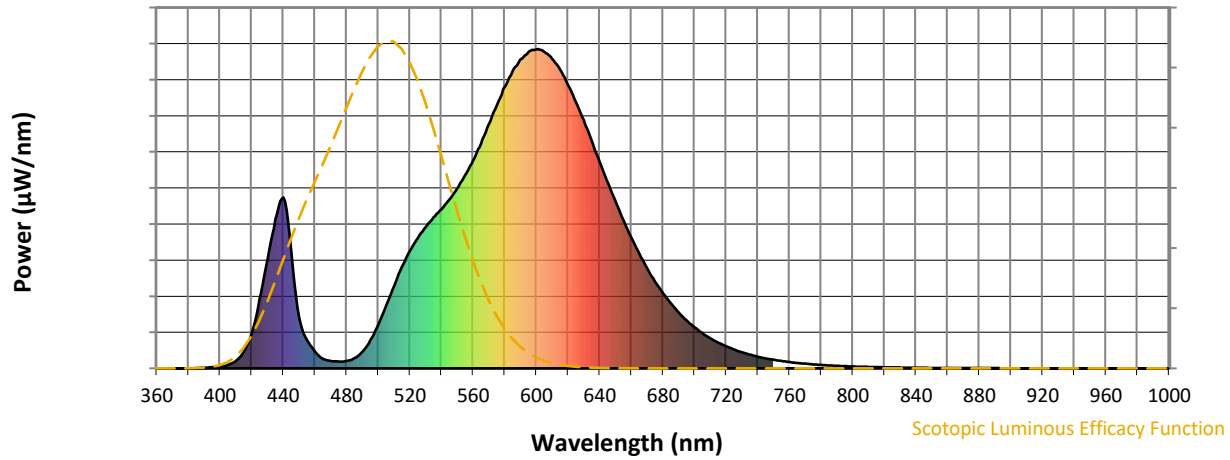


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



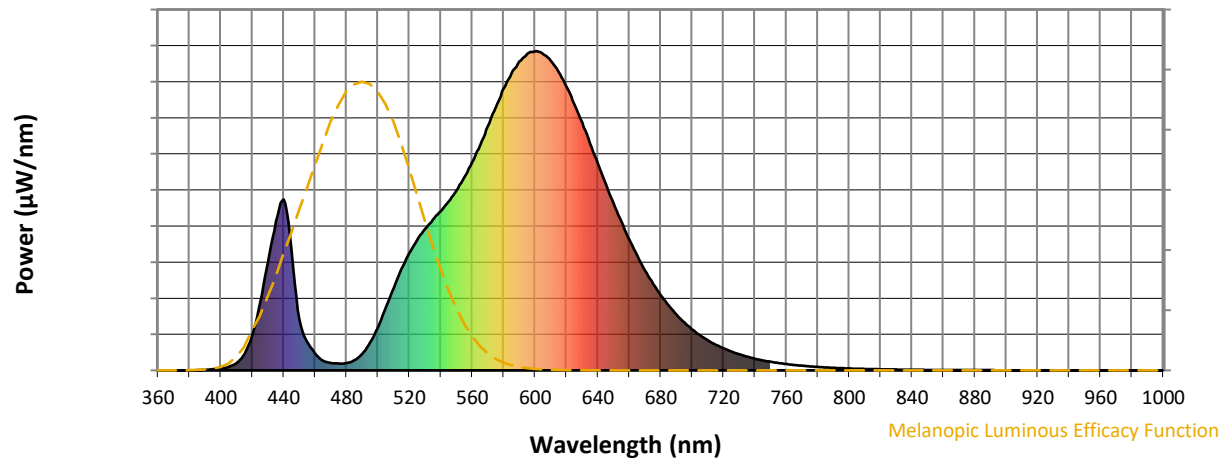
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-3

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			

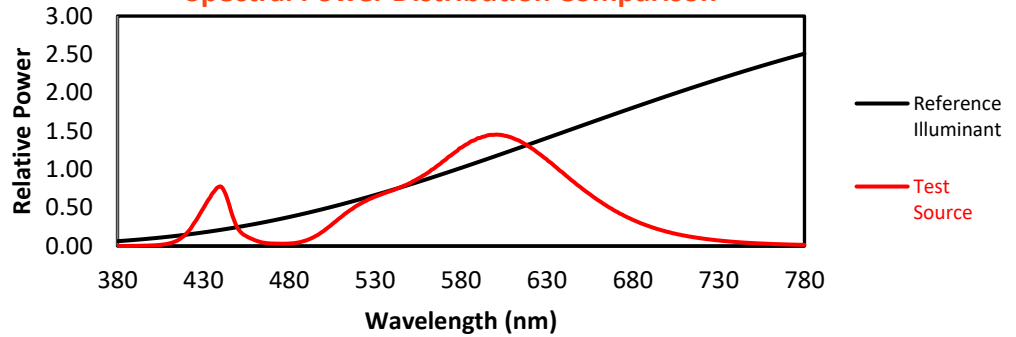
REPORT NUMBER: SP1-2407-184-3

TM-30-18

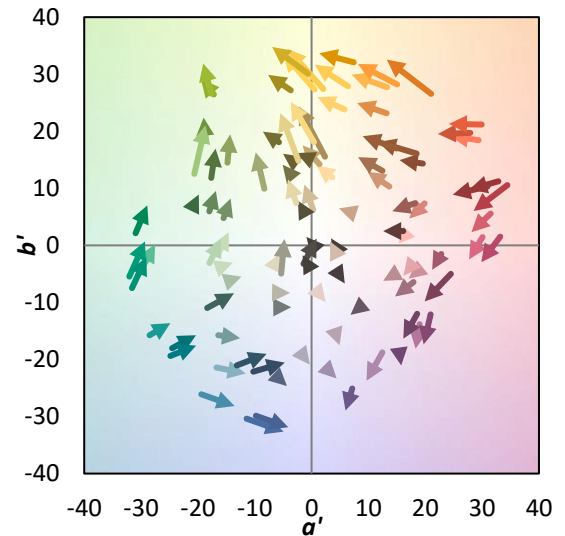
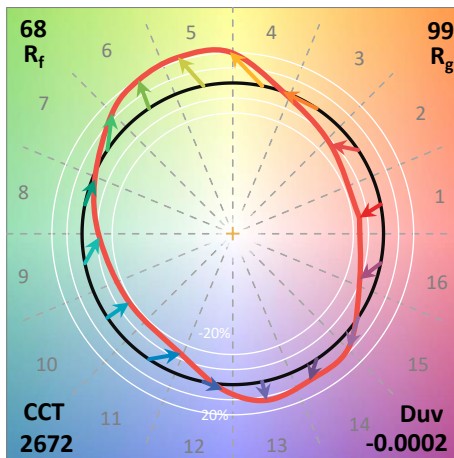
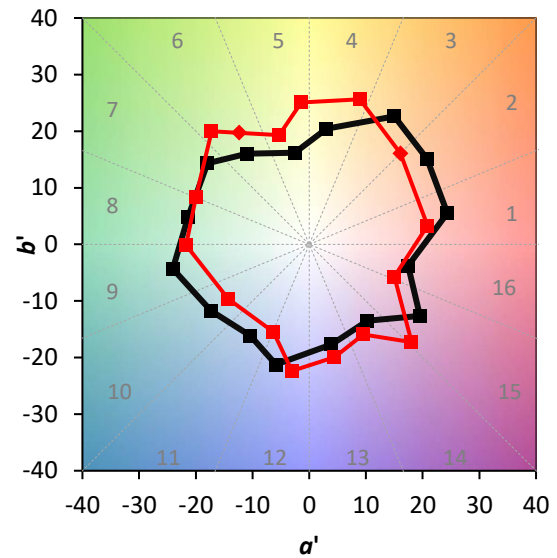
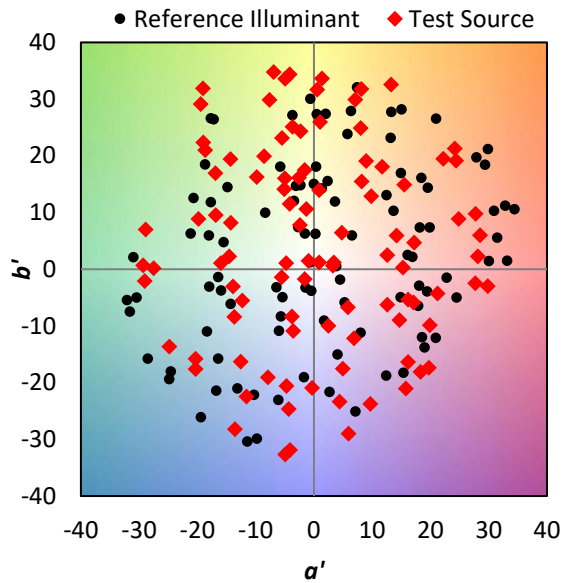
Summary

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

Spectral Power Distribution Comparison

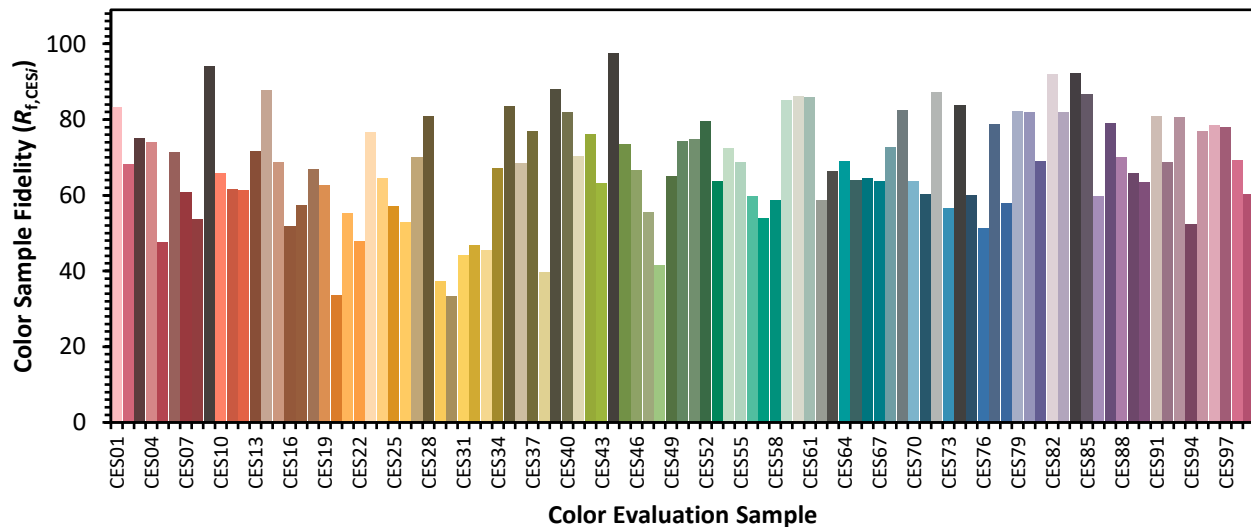


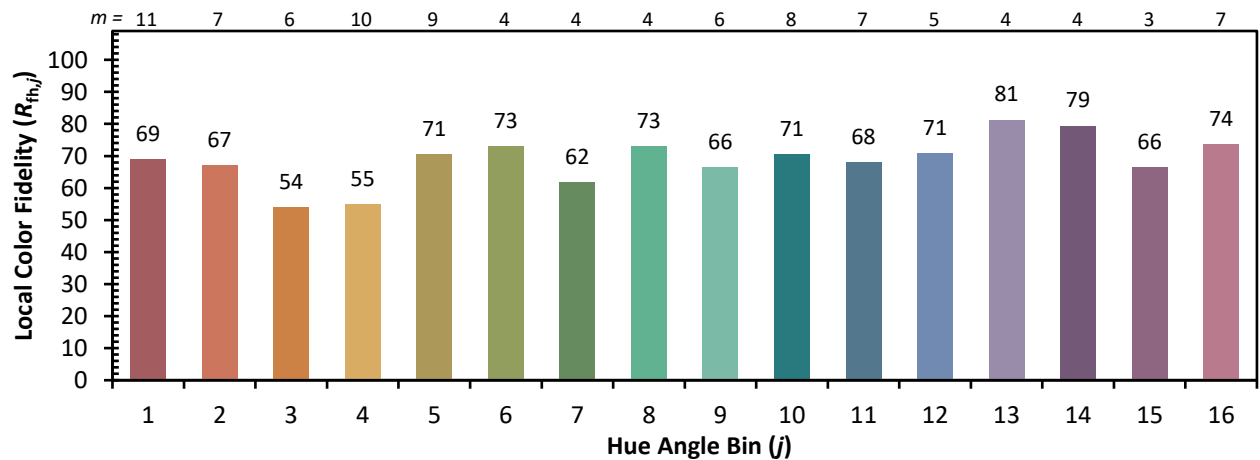
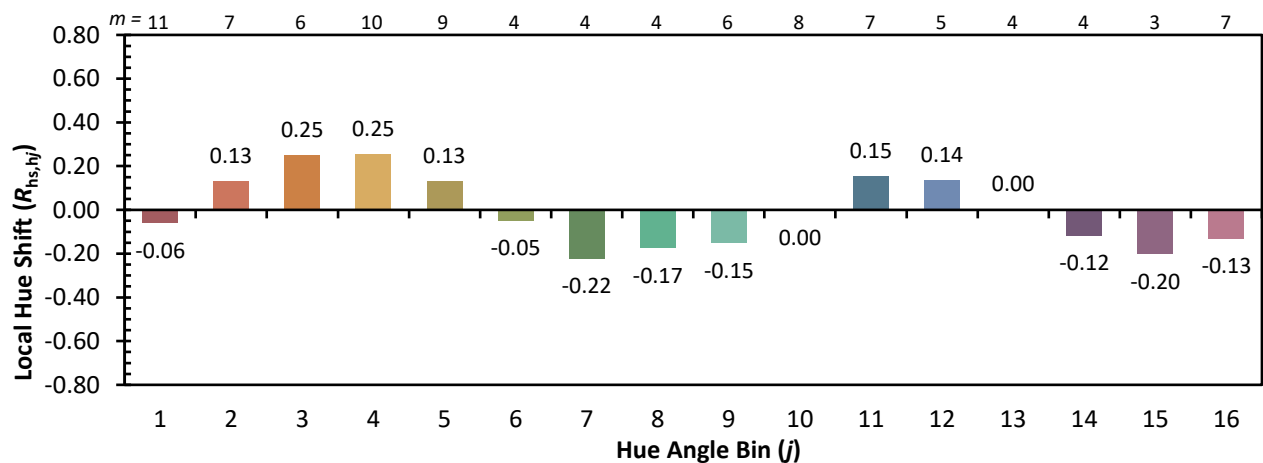
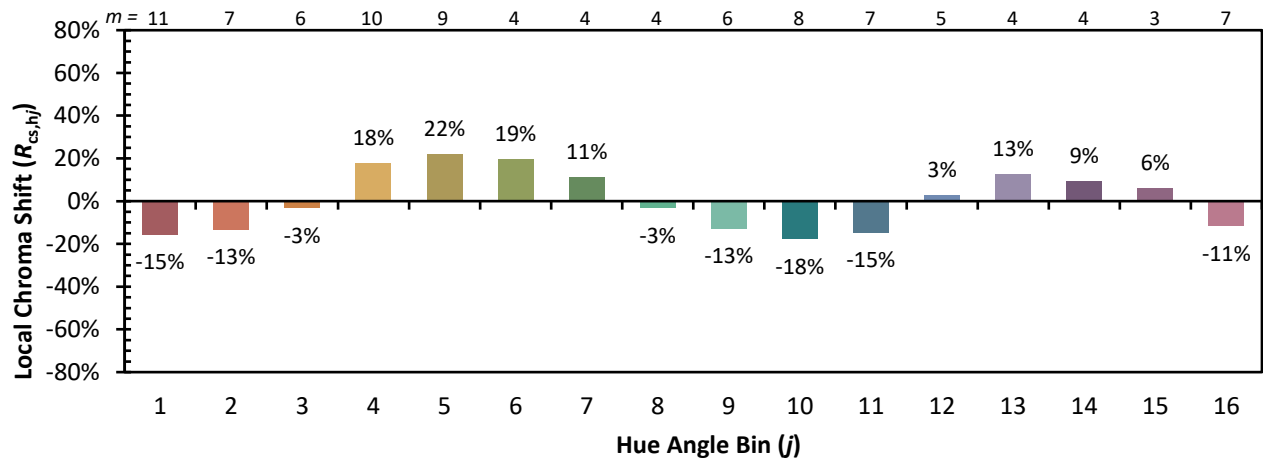
Color Vector Graphics



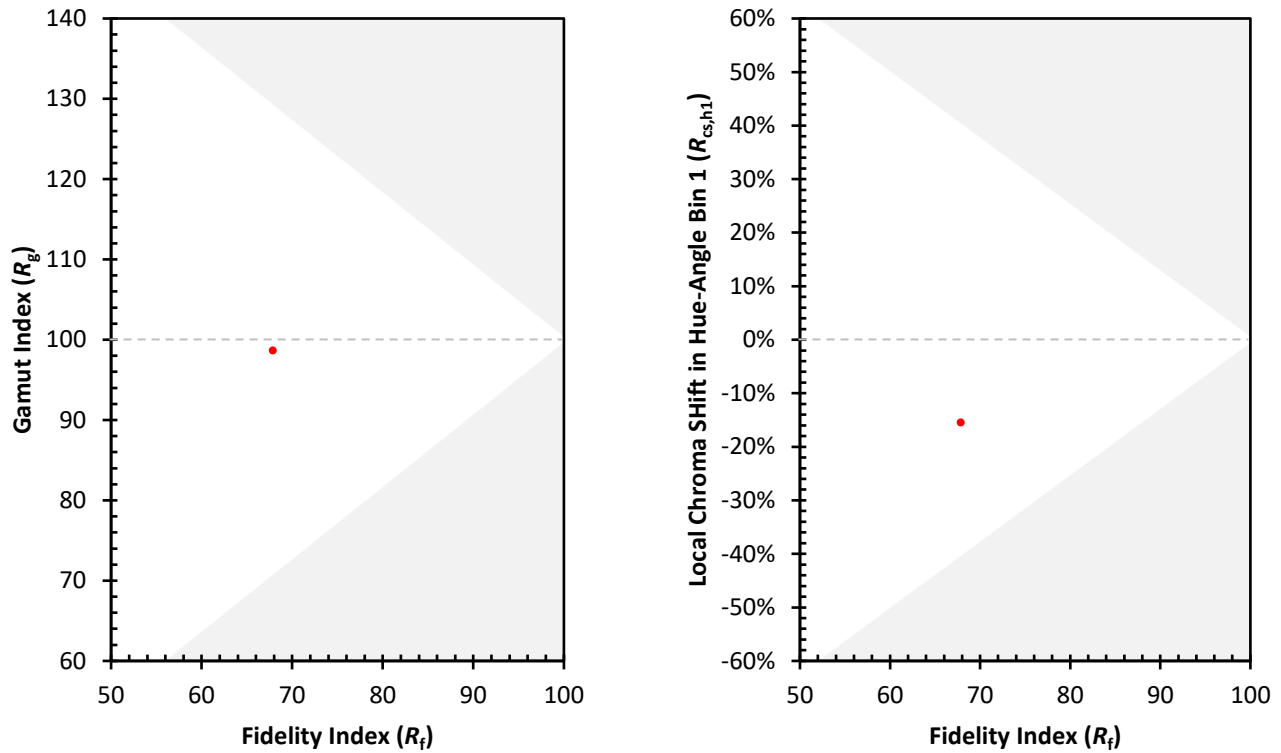
Individual Sample Fidelity Index ($R_{f,i}$)

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)