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: P1047613

Luminaire Tested: **GALN-SA7A-950-U-T3BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1047613
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7A-950-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(98) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20644.8 lumens
Efficiency:	N/A
Efficacy:	106.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	193.1
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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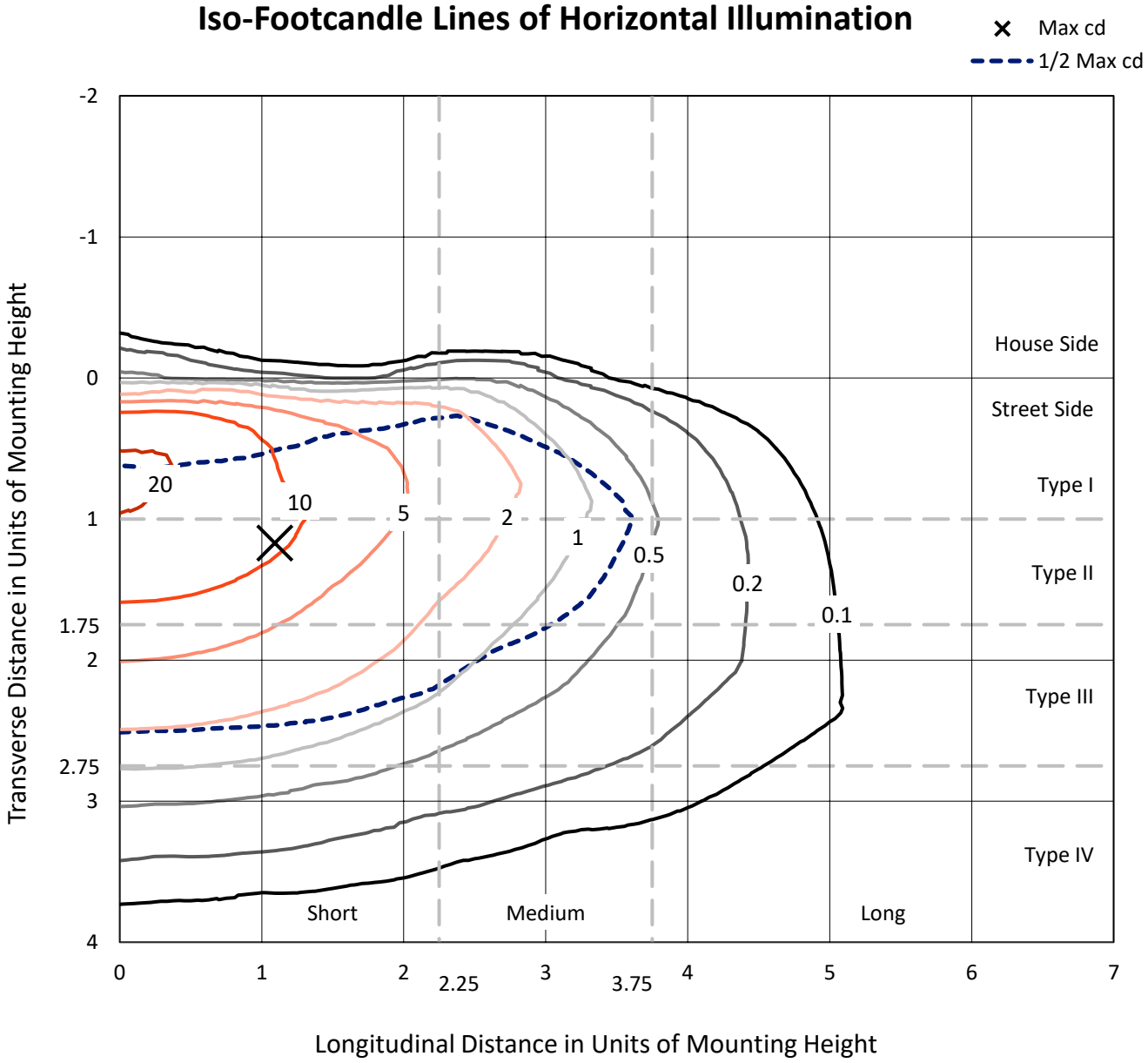
REPORT NUMBER: P1047613
CATALOG NUMBER: GALN-SA7A-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
Type III - Short - N/A

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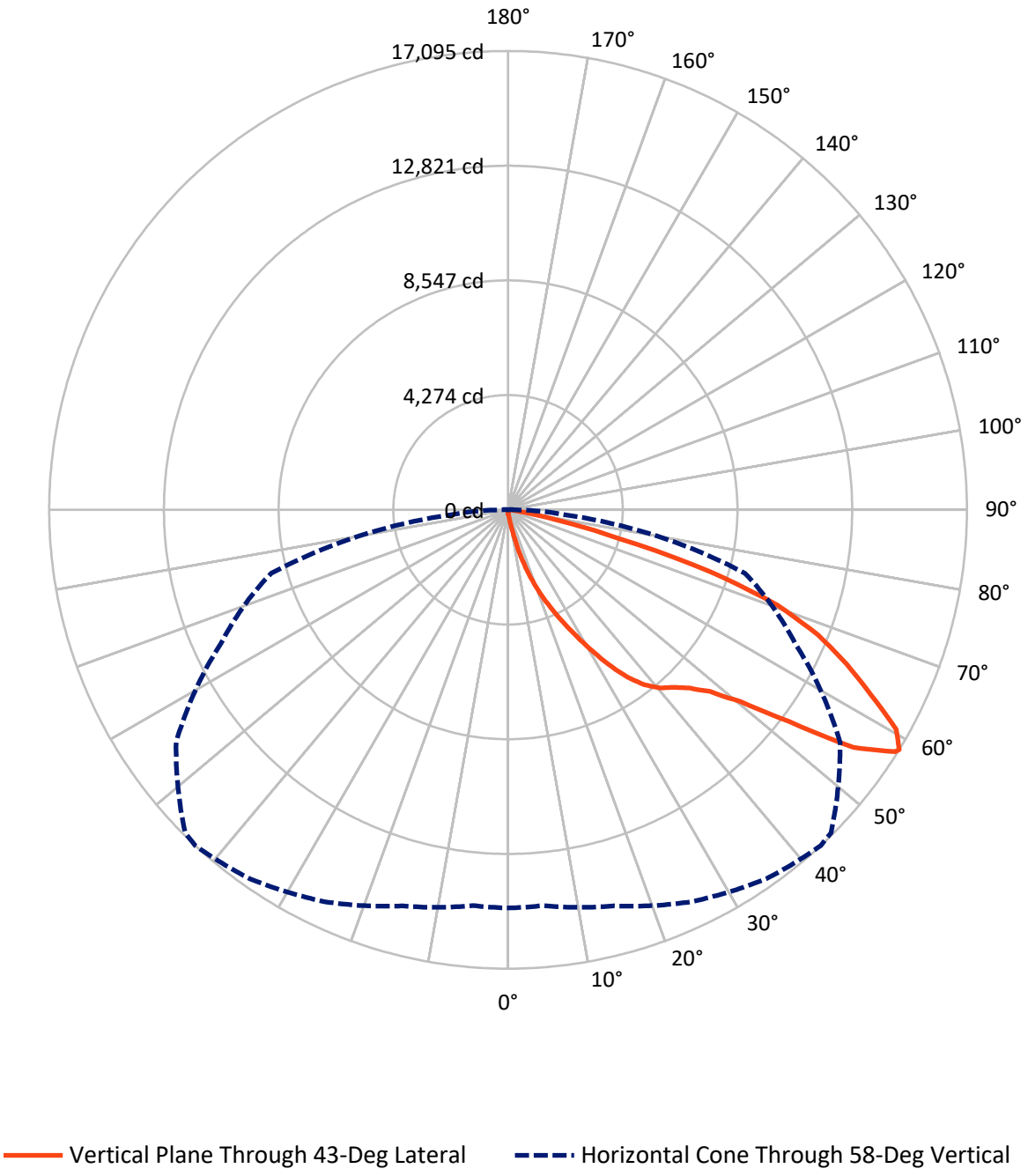
Luminous Intensity Polar Plot



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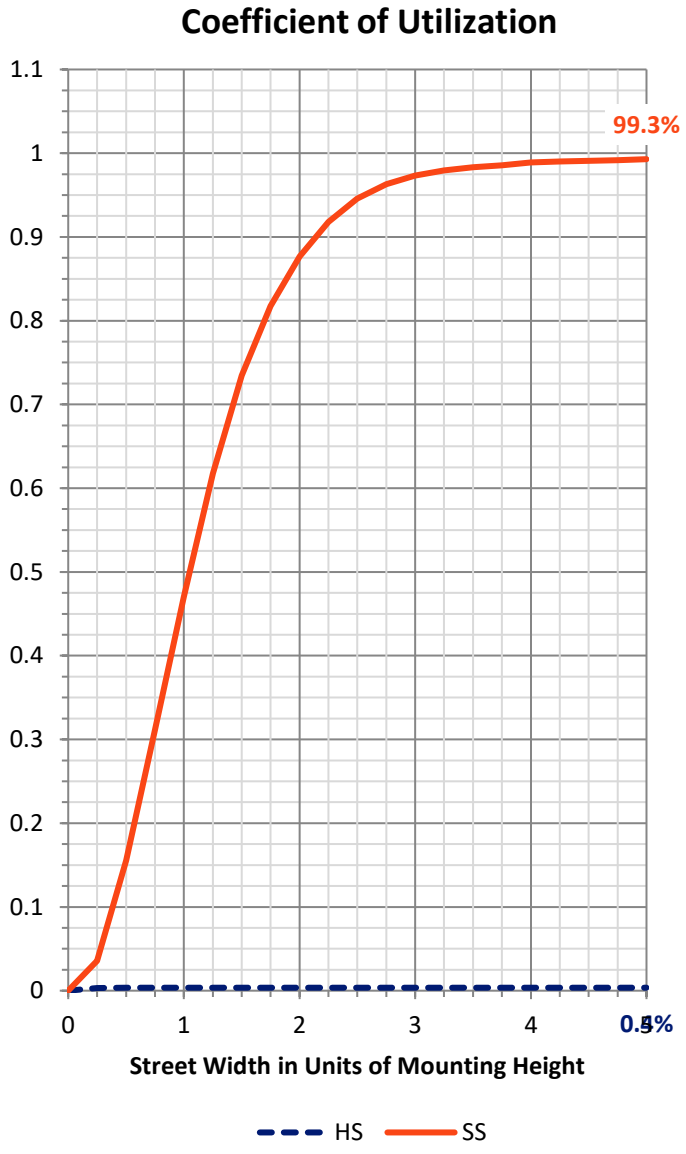
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.4	0.0	75.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20569.4	0.0	20569.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	20644.8	0.0	20644.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	0.1
10°-20°	237.3	1.1
20°-30°	855.3	4.1
30°-40°	1957.0	9.5
40°-50°	3300.7	16.0
50°-60°	5446.9	26.4
60°-70°	6087.7	29.5
70°-80°	2513.5	12.2
80°-90°	226.6	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°	20644.8	100.0
0°-180°	20644.8	100.0



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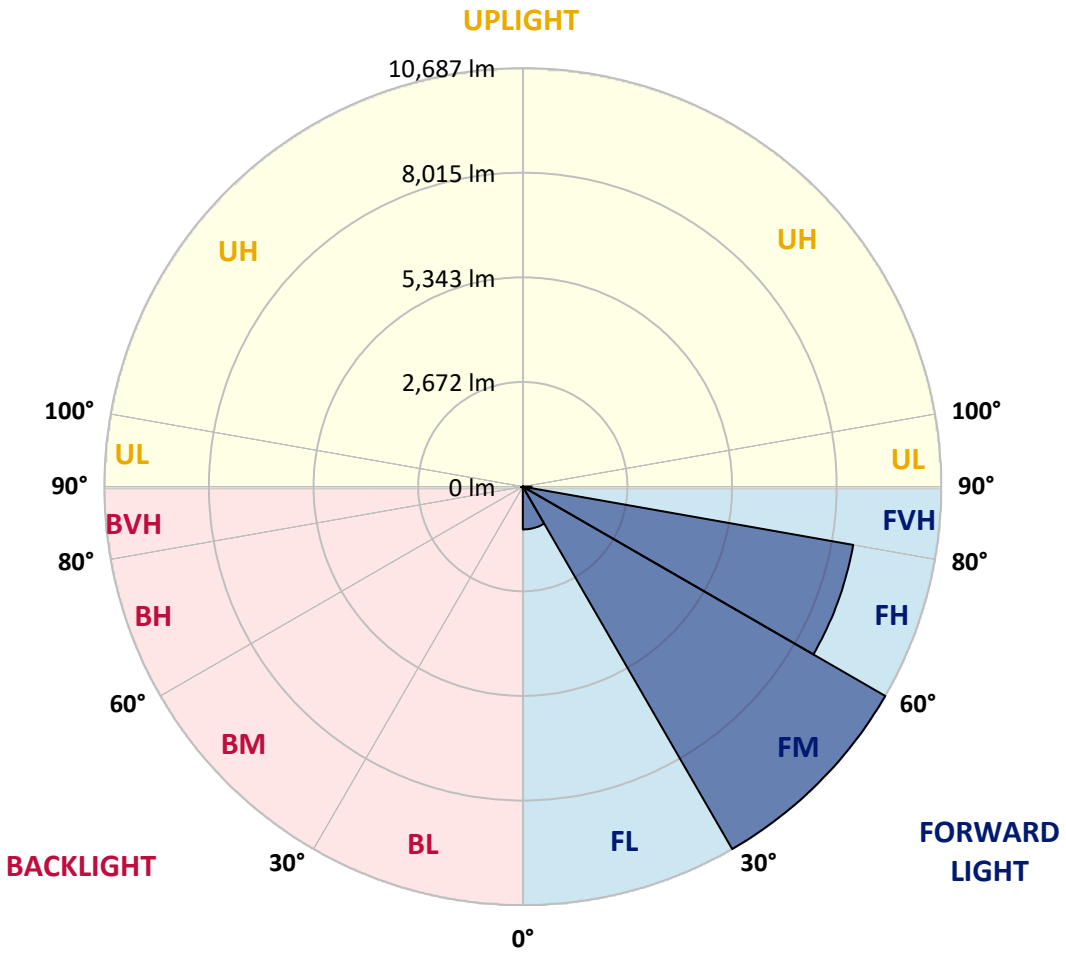
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1092.8	5.3			
FM	(30°-60°)	10686.6	51.8			
FH	(60°-80°)	8566.6	41.5			G4/12000
FVH	(80°-90°)	223.5	1.1			G2/225
BL	(0°-30°)	19.7	0.1	B0/110		
BM	(30°-60°)	18.1	0.1	B0/220		
BH	(60°-80°)	34.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
2.5°	162.0	167.4	162.0	162.0	162.0	156.6	156.6	151.2	151.2	145.8	140.4
5°	237.6	237.6	221.4	210.6	199.8	194.4	189.0	178.2	167.4	156.6	145.8
7.5°	529.1	529.1	480.6	415.8	329.4	280.8	270.0	221.4	189.0	167.4	145.8
10°	1263.5	1263.5	1155.5	977.3	755.9	561.5	502.2	318.6	226.8	178.2	151.2
12.5°	2100.4	2127.4	1992.4	1765.6	1436.3	1096.1	977.3	583.1	302.4	194.4	151.2
15°	2850.9	2786.1	2748.3	2532.4	2219.2	1814.2	1663.0	982.7	437.4	221.4	151.2
17.5°	3358.5	3358.5	3304.5	3158.7	2872.5	2516.2	2392.0	1587.4	707.3	253.8	156.6
20°	3952.4	3952.4	3855.2	3752.6	3498.9	3196.5	3077.7	2257.0	1096.1	324.0	156.6
22.5°	4670.5	4681.3	4573.3	4389.8	4146.8	3812.0	3709.4	2877.9	1587.4	432.0	162.0
25°	5545.3	5556.1	5399.5	5226.7	4854.1	4492.4	4335.8	3590.6	2186.8	604.7	162.0
27.5°	6511.8	6587.3	6355.2	6058.2	5664.0	5210.5	5091.7	4233.2	2780.7	853.1	172.8
30°	7715.8	7715.8	7408.1	6992.3	6565.8	6004.2	5853.0	4908.1	3412.5	1182.5	183.6
32.5°	8752.5	8671.5	8277.4	7840.0	7386.5	6862.7	6700.7	5615.4	4060.4	1592.8	205.2
35°	9546.3	9476.1	8990.1	8520.4	8126.2	7645.6	7451.3	6382.2	4746.1	2057.2	237.6
37.5°	10226.6	10199.6	9540.9	8952.3	8693.1	8272.0	8099.2	7105.7	5421.1	2559.3	275.4
40°	10971.7	10885.3	10183.4	9454.5	9065.7	8725.5	8569.0	7688.8	6069.0	3147.9	329.4
42.5°	11608.9	11506.3	10874.5	10161.8	9497.7	9038.7	8887.5	8180.2	6700.7	3736.4	399.6
45°	12316.2	12262.2	11625.1	11085.1	10199.6	9465.3	9265.5	8574.4	7278.5	4438.4	491.4
47.5°	13379.9	13282.7	12688.7	12246.0	11220.1	10113.2	9827.0	8979.3	7834.6	5129.5	631.7
50°	14616.4	14551.6	14200.6	13849.6	12829.1	11220.1	10879.9	9562.5	8455.6	5950.2	815.3
52.5°	15626.1	15615.3	15658.5	15663.9	14891.7	13082.9	12575.4	10502.0	9168.3	6760.1	1074.5
55°	15604.5	15653.1	16128.2	16673.6	16732.9	15626.1	15134.7	12084.0	10097.0	7759.0	1436.3
57.5°	15021.3	14983.5	15485.7	16306.4	16884.1	17002.9	16921.9	14540.8	11495.5	8963.1	1992.4
58°	14832.3	14799.9	15275.1	16112.0	16776.1	17094.7	17013.7	15096.9	11808.6	9135.9	2143.6
60°	14146.6	14152.0	14432.8	15194.1	15858.2	16614.2	16689.8	16684.4	13369.1	10291.4	2904.9
62.5°	13239.5	13196.3	13455.5	14076.4	14659.6	15167.1	15296.7	16792.3	15653.1	11760.0	4357.4
65°	11986.8	11922.0	12197.4	12899.3	13525.7	13855.0	13860.4	15345.3	16727.5	13336.7	6430.8
67.5°	9659.6	9605.7	10156.4	11058.1	12024.6	12456.6	12651.0	13315.1	15820.4	14405.8	7618.6
70°	5917.8	6031.2	6797.9	8212.6	9864.8	10658.5	10950.1	11155.3	13471.7	14243.8	6371.4
72.5°	2732.1	2597.1	3250.5	4238.6	6123.0	7888.6	8191.0	8995.5	10680.1	12364.8	4751.5
75°	1274.3	1225.7	1376.9	1852.0	2775.3	4260.2	4810.9	7181.3	8191.0	8601.4	3428.7
77.5°	653.3	658.7	782.9	842.3	1144.7	1970.8	2262.4	4724.5	6004.2	4800.1	2300.2
80°	286.2	297.0	302.4	329.4	464.4	761.3	858.5	2192.2	4103.6	2446.0	1258.1
82.5°	183.6	189.0	189.0	189.0	221.4	302.4	345.6	880.1	2046.4	1214.9	388.8
85°	97.2	97.2	108.0	135.0	156.6	183.6	194.4	280.8	674.9	361.8	91.8
87.5°	54.0	59.4	64.8	81.0	102.6	124.2	135.0	194.4	259.2	248.4	21.6
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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REPORT NUMBER: P1047613
CATALOG NUMBER: GALN-SA7A-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
2.5°	140.4	135.0	129.6	124.2	118.8	113.4	113.4	113.4	113.4	113.4	113.4
5°	135.0	129.6	124.2	113.4	102.6	97.2	91.8	86.4	86.4	86.4	86.4
7.5°	135.0	129.6	113.4	102.6	91.8	81.0	70.2	70.2	70.2	70.2	70.2
10°	135.0	124.2	108.0	91.8	75.6	64.8	59.4	54.0	54.0	54.0	54.0
12.5°	135.0	118.8	102.6	81.0	64.8	54.0	48.6	43.2	43.2	43.2	43.2
15°	135.0	118.8	97.2	75.6	59.4	43.2	37.8	32.4	32.4	32.4	32.4
17.5°	129.6	113.4	91.8	64.8	48.6	32.4	27.0	21.6	21.6	27.0	27.0
20°	124.2	108.0	81.0	54.0	37.8	27.0	16.2	16.2	16.2	16.2	16.2
22.5°	124.2	108.0	75.6	48.6	32.4	16.2	10.8	10.8	10.8	10.8	16.2
25°	124.2	102.6	64.8	37.8	21.6	10.8	5.4	5.4	5.4	5.4	5.4
27.5°	124.2	102.6	59.4	32.4	16.2	10.8	5.4	0.0	0.0	0.0	0.0
30°	118.8	97.2	54.0	27.0	10.8	5.4	0.0	0.0	0.0	0.0	0.0
32.5°	118.8	91.8	43.2	21.6	10.8	5.4	0.0	0.0	0.0	0.0	0.0
35°	124.2	86.4	37.8	16.2	5.4	0.0	0.0	0.0	0.0	0.0	5.4
37.5°	129.6	81.0	32.4	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	135.0	75.6	32.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	145.8	75.6	27.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	156.6	75.6	21.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	178.2	81.0	21.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	194.4	86.4	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	216.0	81.0	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	243.0	81.0	16.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	264.6	75.6	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*275.4*	*70.2*	*10.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	329.4	64.8	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	512.9	54.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1042.1	48.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1943.8	43.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2176.0	48.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1371.5	37.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	723.5	37.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	361.8	37.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	167.4	27.0	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	70.2	16.2	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.4	16.2	10.8	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0
87.5°	16.2	16.2	16.2	10.8	10.8	5.4	5.4	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

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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

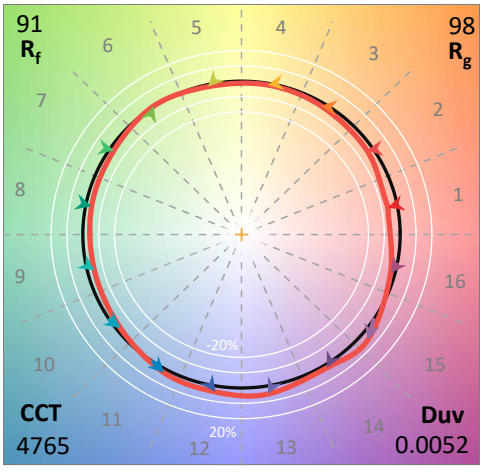
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-17
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-950-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4765
CIE u':	0.2105
CIE v':	0.4941
Duv:	0.0052
CIE x:	0.3536
CIE y:	0.3689
CIE z:	0.2775
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	571
Purity:	16.80041
Rf:	90.7
Rg:	98

CRI (Ra):	90.8				
R1:	89.8	R9:	54.9		
R2:	93.1	R10:	83.0		
R3:	95.3	R11:	89.6		
R4:	90.3	R12:	68.0		
R5:	89.0	R13:	90.6		
R6:	89.7	R14:	97.3		
R7:	94.9	R15:	86.2		
R8:	84.0				



Test Conditions

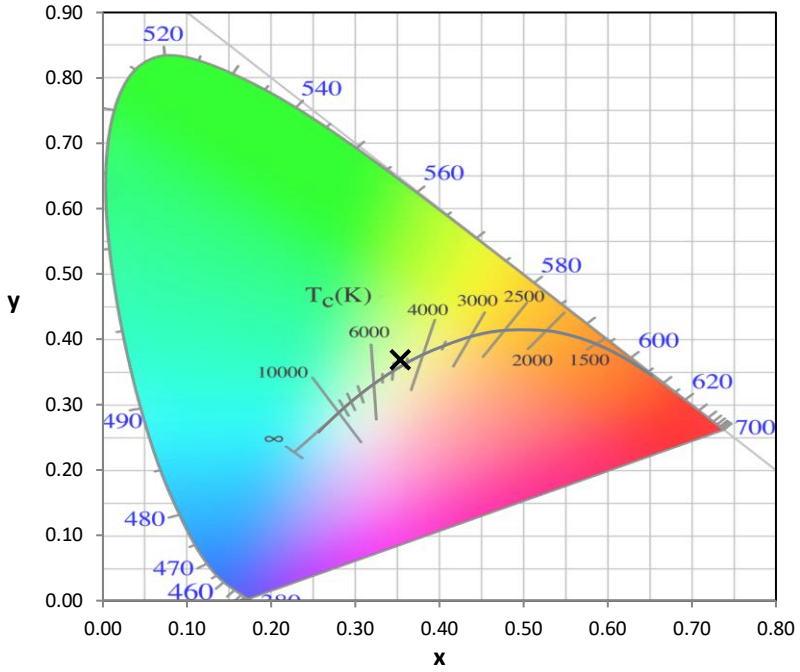
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

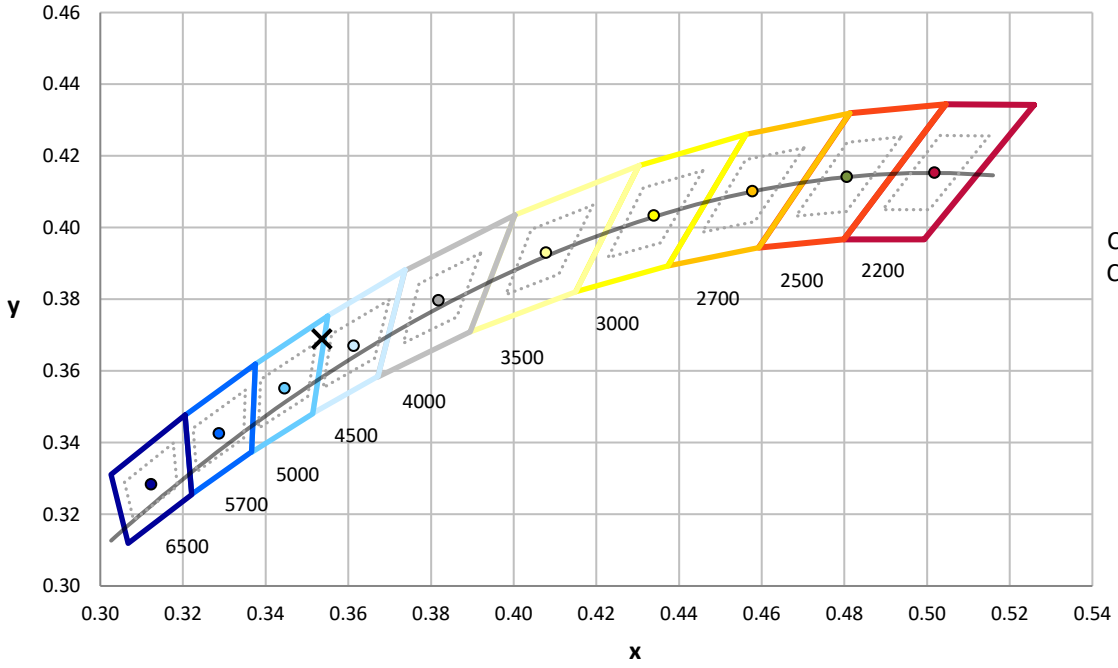
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



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

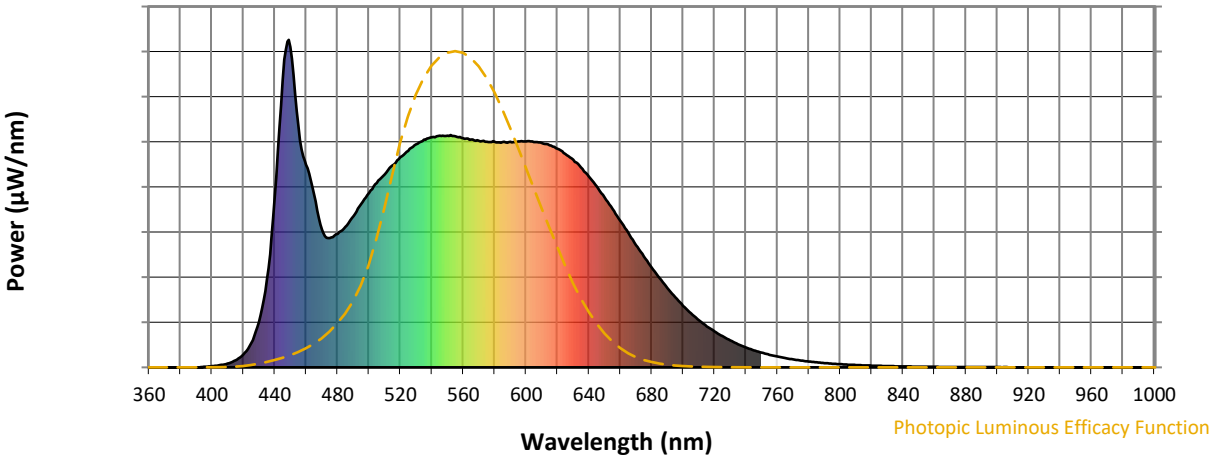


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

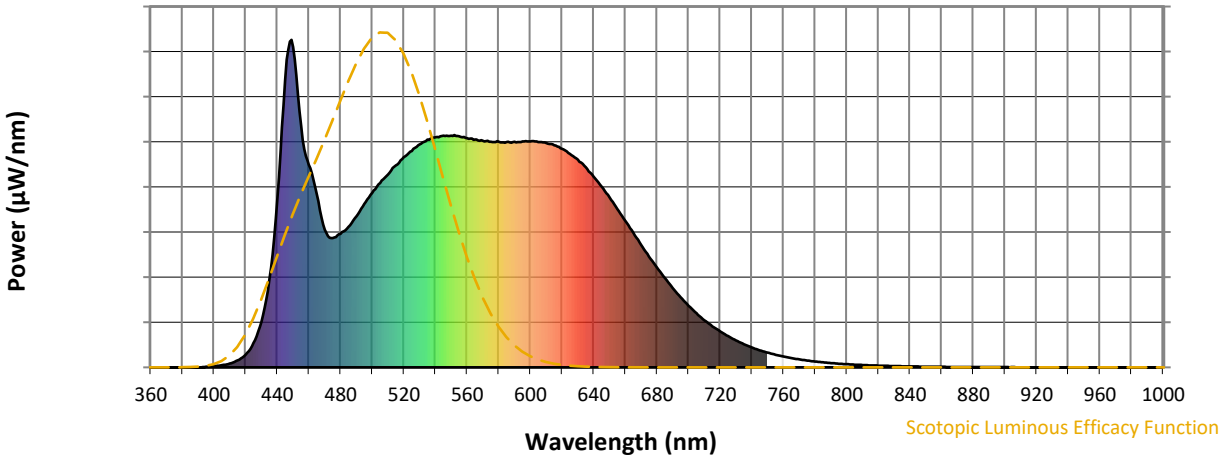


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength

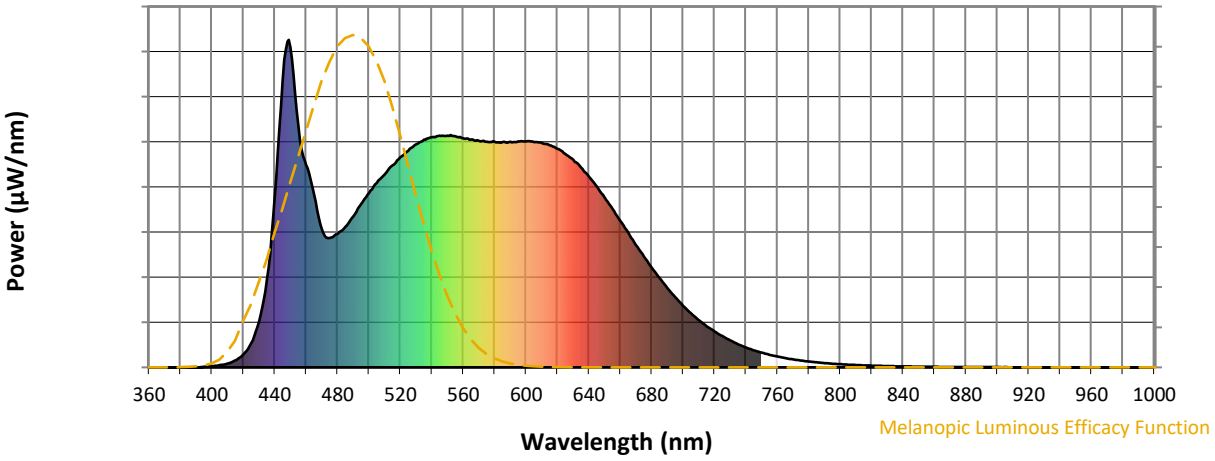


Scotopic Lumens: NR **S/P: 1.99**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.22**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

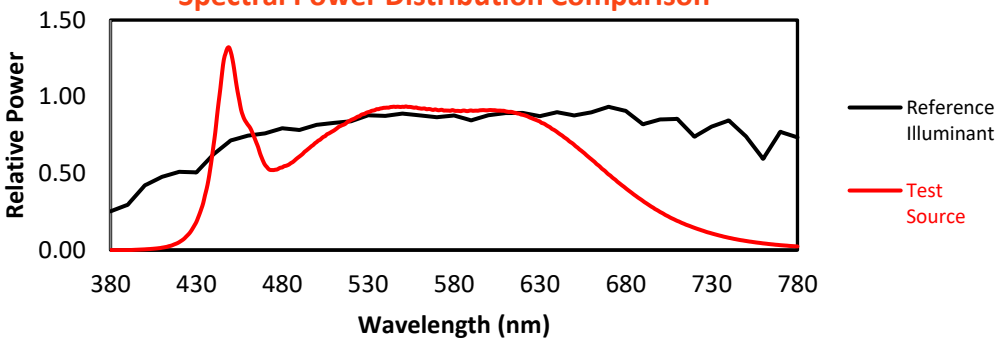
REPORT NUMBER: SP1-2407-184-17

TM-30-18

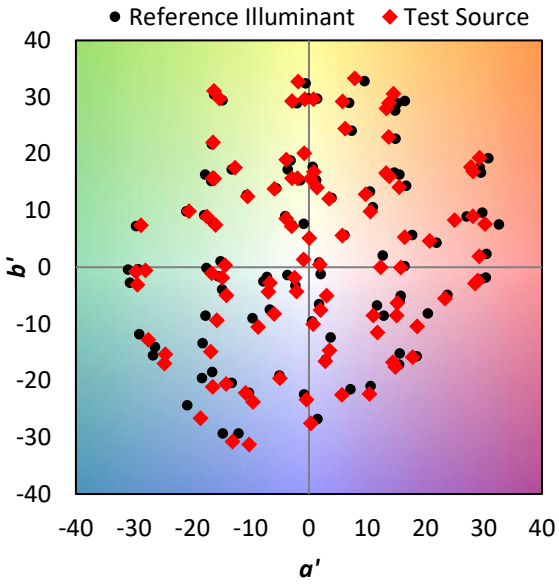
Summary

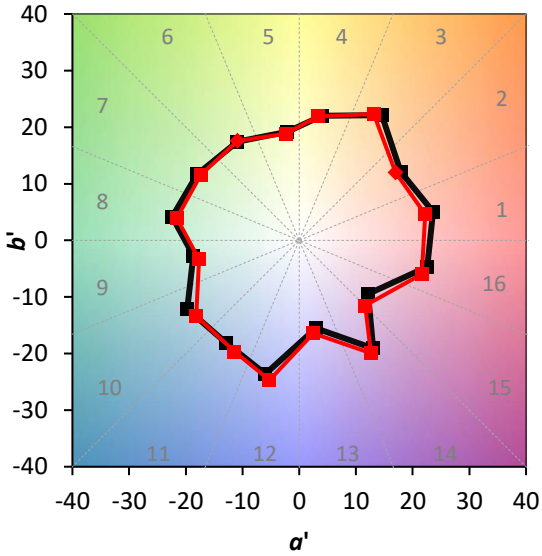
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

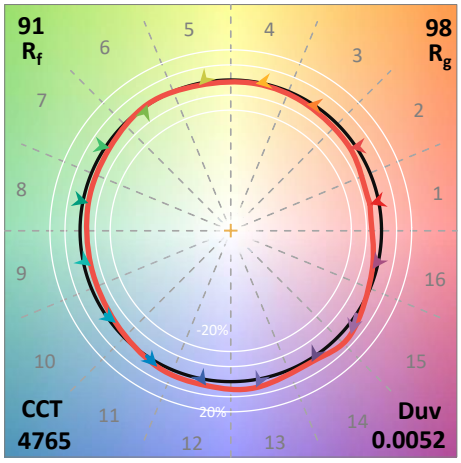
Spectral Power Distribution Comparison

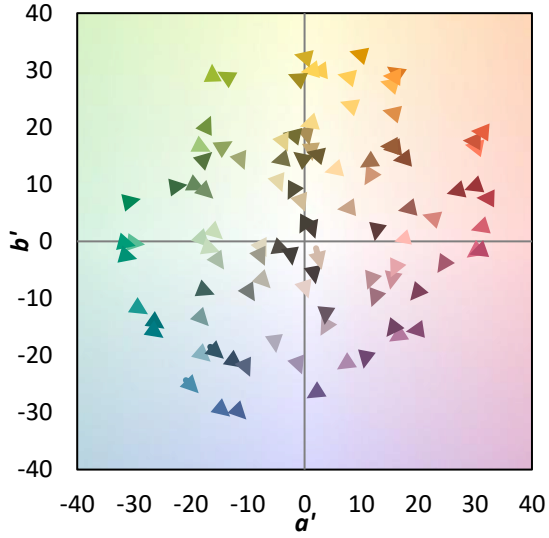


Color Vector Graphics







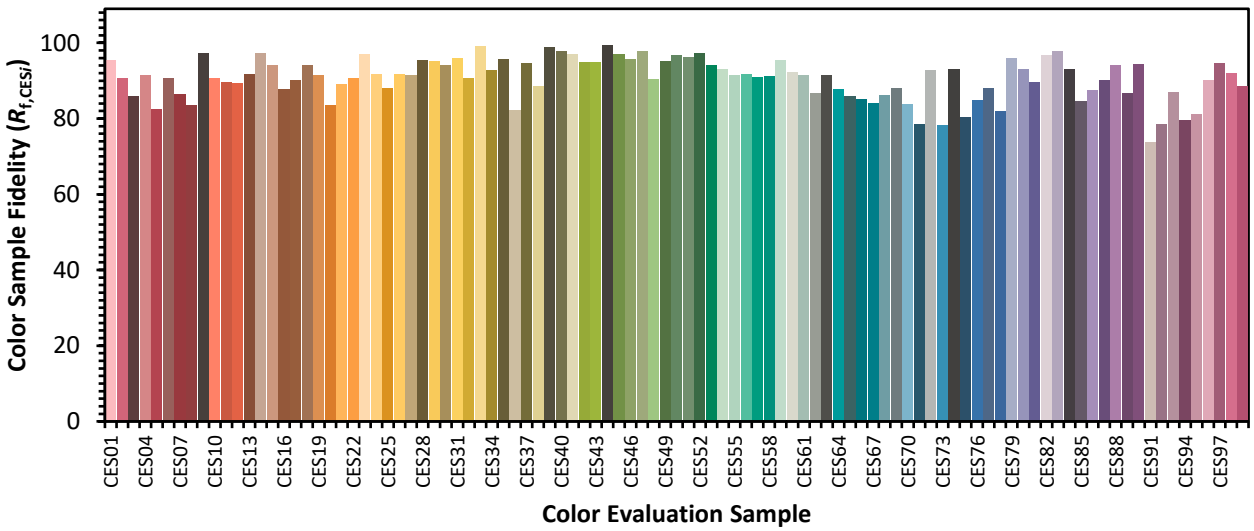


REPORT NUMBER: SP1-2407-184-17

TM-30-18

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

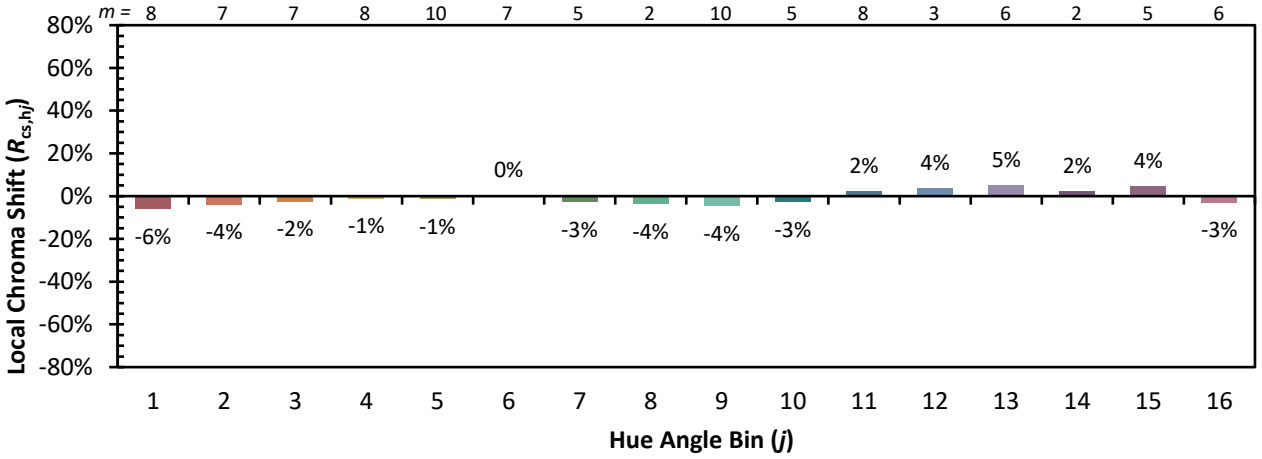
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	

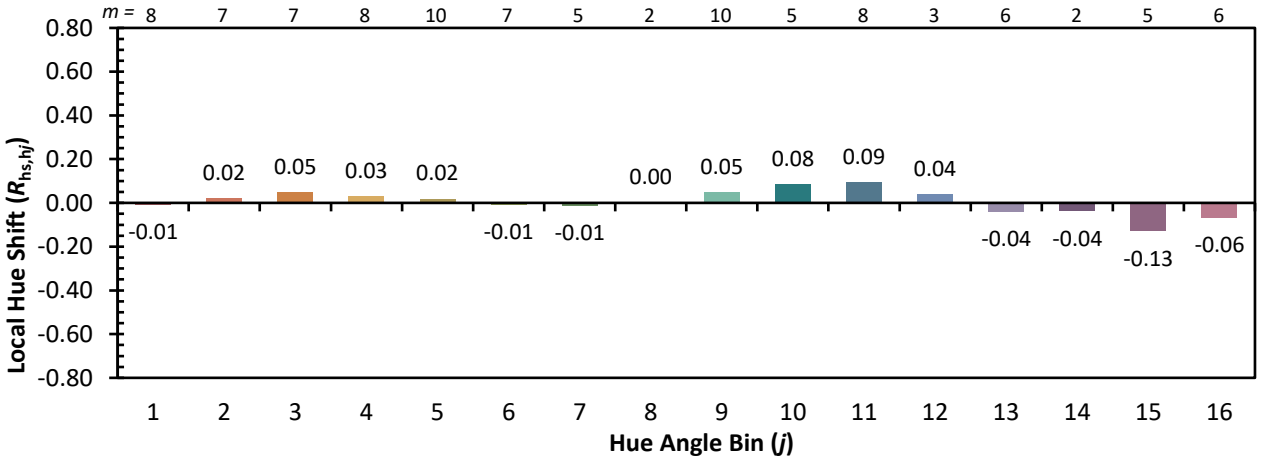


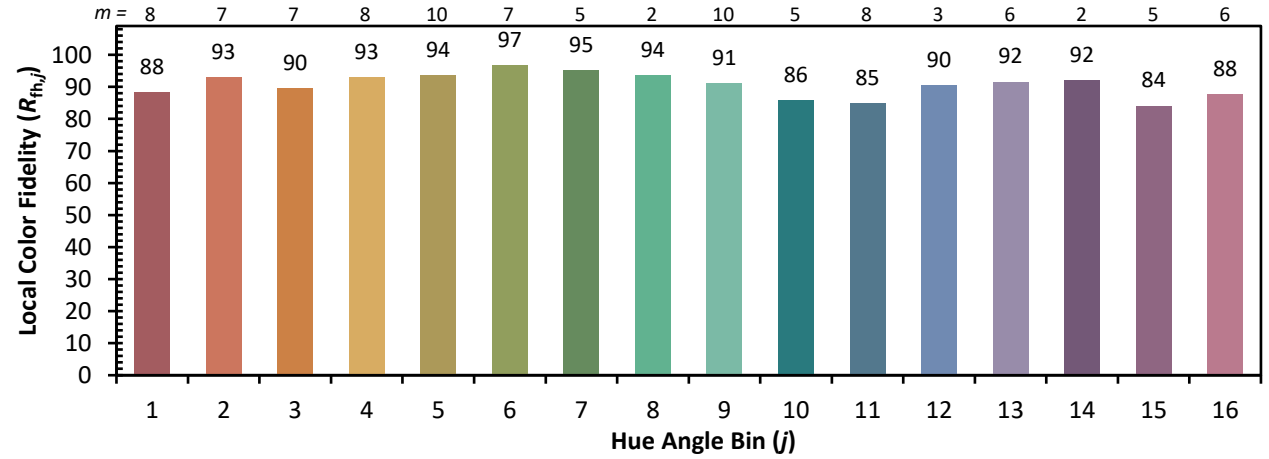
REPORT NUMBER: SP1-2407-184-17

TM-30-18

Color Rendition by Hue-Angle Bin



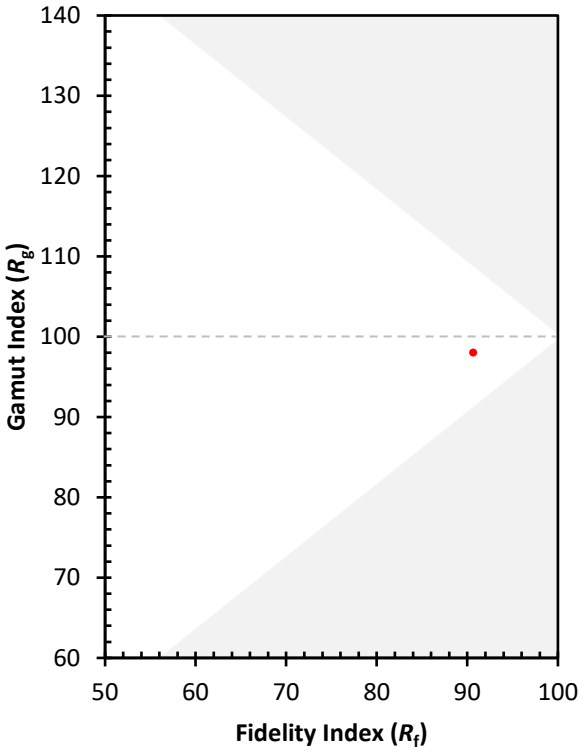


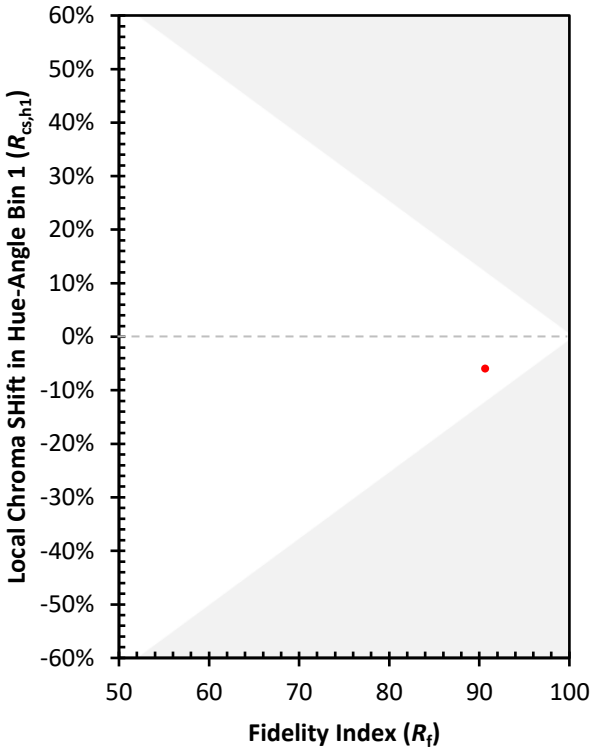


REPORT NUMBER: SP1-2407-184-17

TM-30-18

Measure Comparisons





(END OF REPORT)