

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: P991106

Luminaire Tested: **GPC-SA1B-735-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991106
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1B-735-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 70CRI
3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4174.4 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

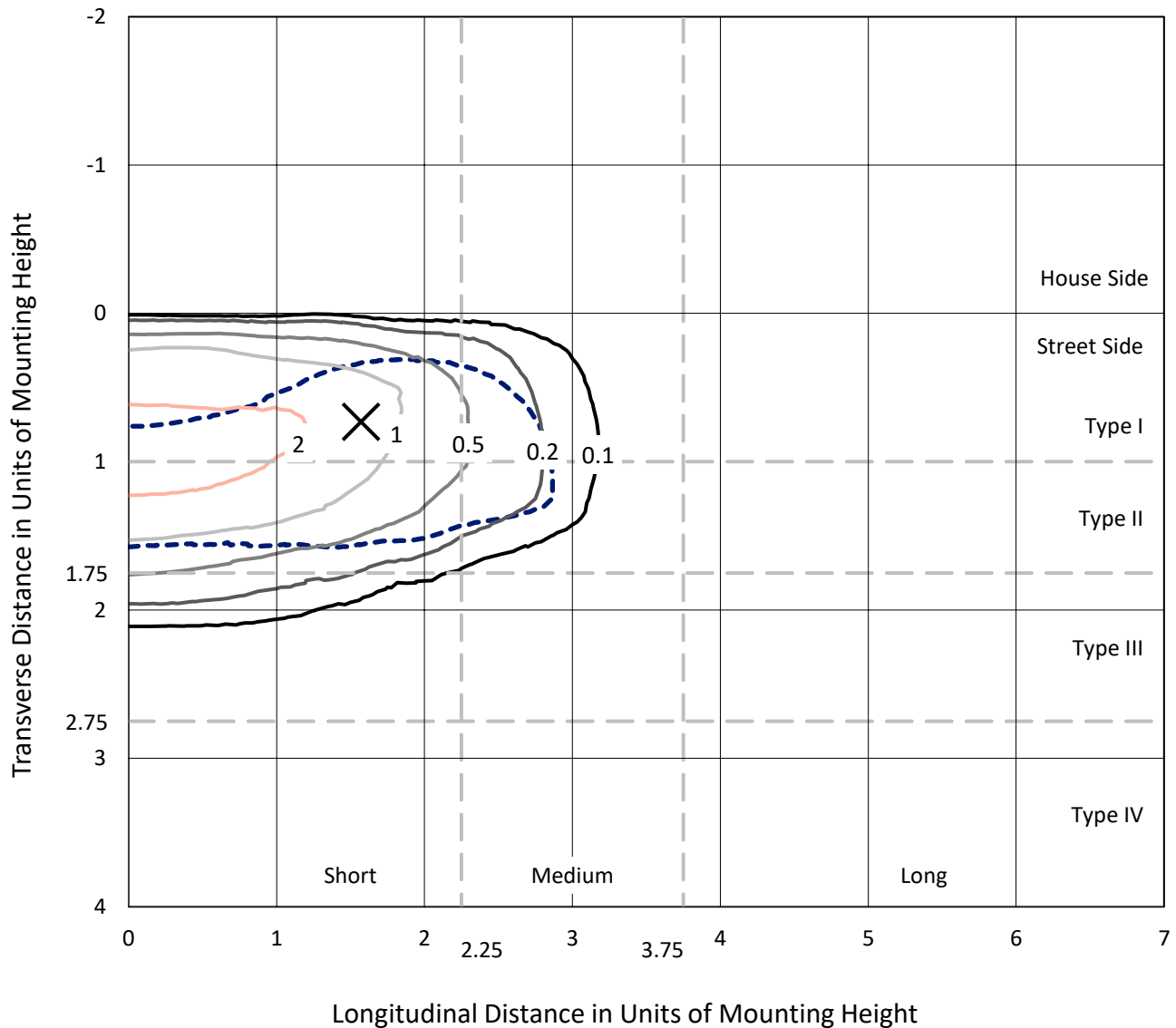
Input Watts (W): 38.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P991106
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Iso-Footcandle Lines of Horizontal Illumination

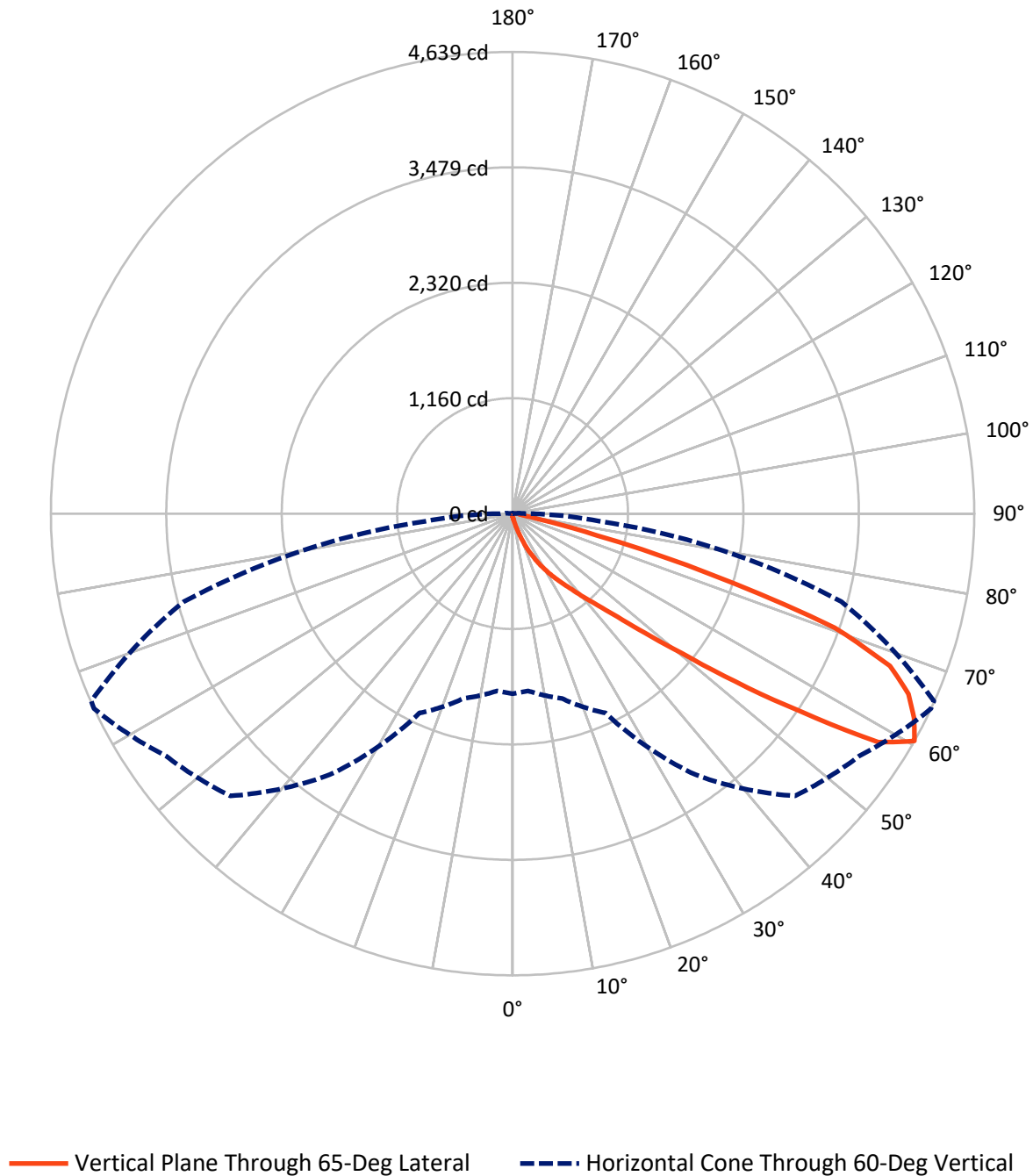
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.4 fc
 Type II - Short - N/A

REPORT NUMBER: P991106
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Luminous Intensity Polar Plot



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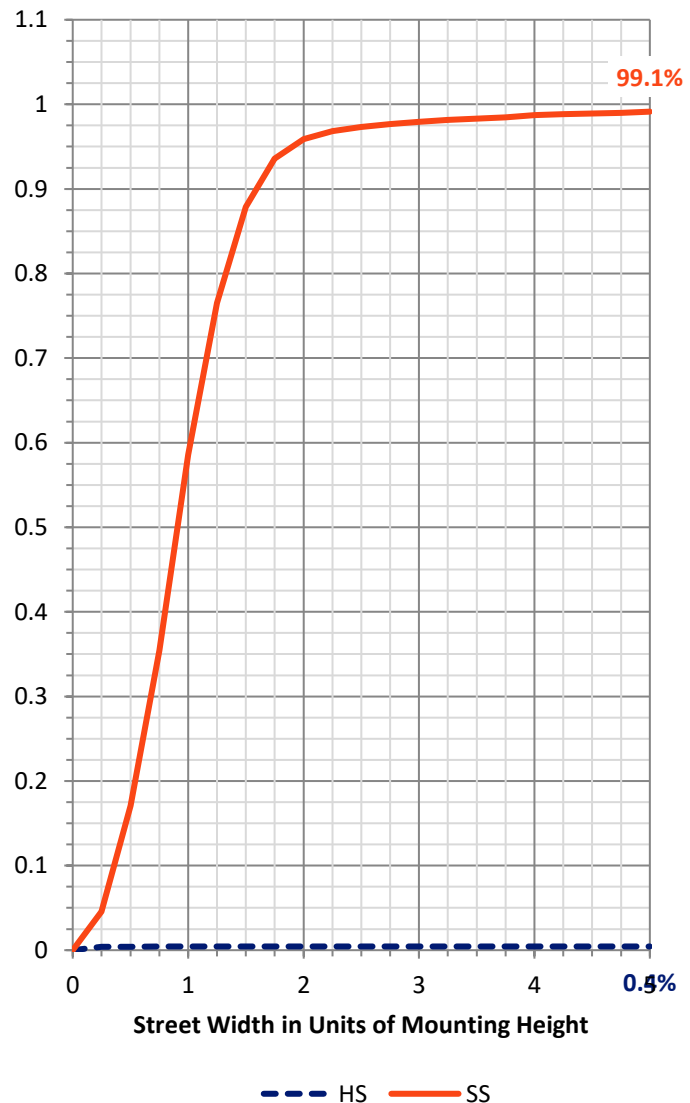
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.6	0.0	18.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4155.8	0.0	4155.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4174.4	0.0	4174.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.1
10°-20°	46.1	1.1
20°-30°	141.3	3.4
30°-40°	367.2	8.8
40°-50°	924.4	22.1
50°-60°	1340.1	32.1
60°-70°	1033.5	24.8
70°-80°	285.1	6.8
80°-90°	31.1	0.7
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°	4174.4	100.0
0°-180°	4174.4	100.0



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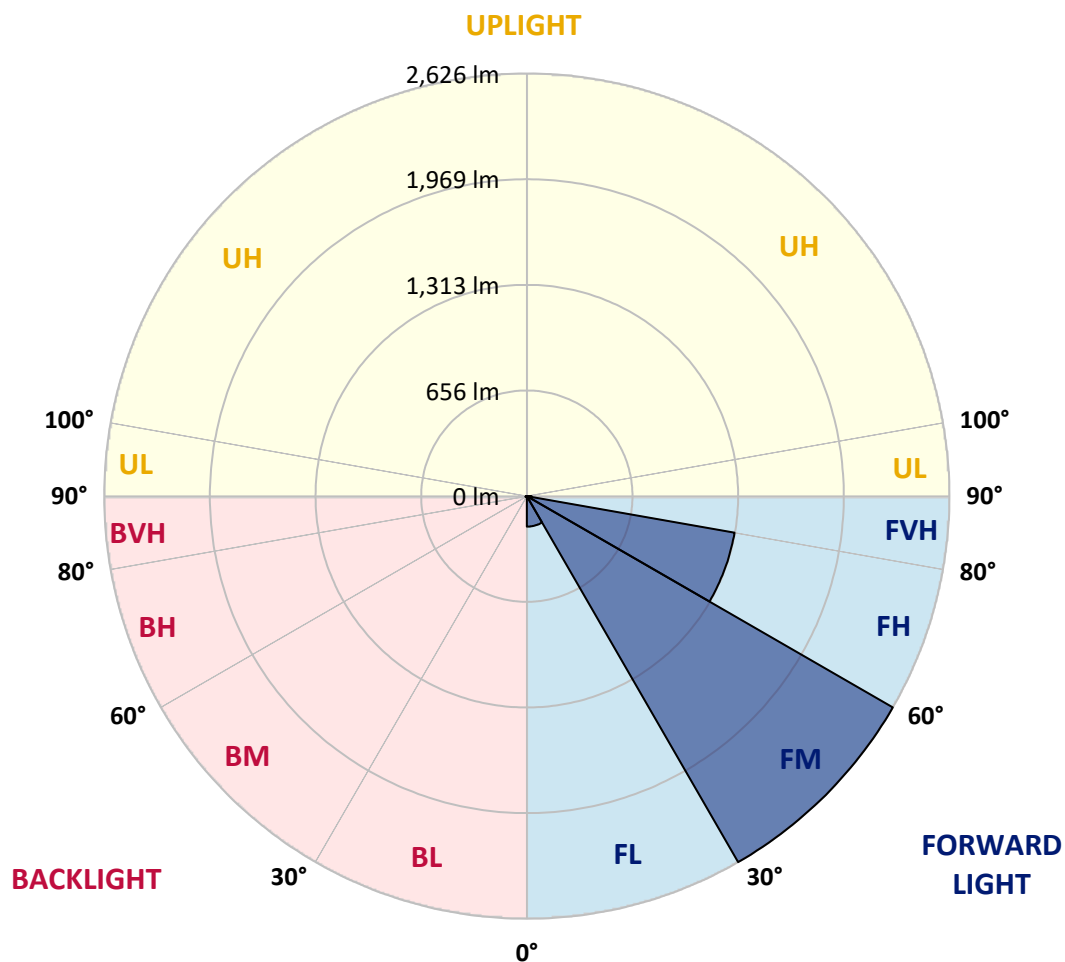
CATALOG NUMBER: GPC-SA1B-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	189.5	4.5			
FM	(30°-60°)	2625.6	62.9			
FH	(60°-80°)	1310.4	31.4			G1/1800
FVH	(80°-90°)	30.4	0.7			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	8.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G1

Type II Short



REPORT NUMBER: P991106

CATALOG NUMBER: GPC-SA1B-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
2.5°	48.1	48.1	47.3	45.8	41.8	39.4	37.1	34.7	33.9	32.3	30.8
5°	87.6	86.0	85.2	77.3	69.4	60.0	50.5	42.6	41.8	36.3	31.6
7.5°	183.8	183.8	168.0	149.1	127.8	98.6	72.6	56.0	53.6	41.8	32.3
10°	300.5	301.3	291.1	261.1	222.4	173.5	117.5	72.6	71.0	48.9	33.1
12.5°	405.5	404.7	394.4	373.1	330.5	269.0	184.6	104.9	98.6	56.8	33.1
15°	472.5	472.5	470.9	459.9	429.9	366.8	273.7	153.8	146.7	68.6	33.9
17.5°	538.0	541.9	536.4	531.7	509.6	462.3	366.8	221.7	207.5	87.6	35.5
20°	616.9	620.8	618.4	611.3	583.7	541.9	459.9	299.8	285.6	119.1	38.7
22.5°	708.4	711.5	706.8	704.4	669.7	616.9	545.9	393.6	372.3	159.3	42.6
25°	821.2	818.8	817.2	803.8	769.9	712.3	627.1	480.4	463.8	213.0	48.1
27.5°	953.7	950.5	940.3	922.9	873.2	810.1	713.9	572.7	556.9	277.7	56.0
30°	1132.8	1113.8	1098.8	1060.2	993.9	910.3	810.9	663.4	646.0	355.0	64.7
32.5°	1385.2	1379.7	1321.3	1220.3	1124.9	1024.7	919.0	759.6	741.5	434.6	76.5
35°	1838.0	1811.9	1710.2	1456.2	1277.1	1168.2	1028.6	855.9	836.9	526.9	92.3
37.5°	2346.8	2323.9	2225.3	1919.2	1508.2	1316.5	1150.9	964.7	944.2	627.9	112.0
40°	2857.1	2850.0	2812.9	2568.4	1976.8	1514.5	1312.6	1103.6	1079.9	729.7	139.6
42.5°	3431.4	3410.9	3387.2	3304.4	2786.1	1911.3	1537.4	1262.1	1241.6	855.1	179.1
45°	3613.6	3605.7	3634.1	3713.8	3634.1	2742.7	1886.1	1478.3	1457.7	1016.0	235.9
47.5°	3552.1	3544.2	3622.3	3753.2	3935.4	3740.6	2426.4	1788.3	1750.4	1208.5	320.3
50°	3241.3	3244.4	3382.5	3644.4	3905.5	4138.2	3328.8	2200.8	2174.8	1482.2	433.9
52.5°	2947.0	2952.6	3125.3	3460.6	3747.7	4153.2	4189.4	2801.1	2689.1	1817.5	574.3
55°	2660.7	2652.8	2783.8	3288.6	3719.3	3948.1	4460.0	3505.5	3432.2	2252.1	712.3
57.5°	2357.8	2348.3	2417.0	2792.4	3660.1	3976.5	4389.0	4334.6	4247.0	2751.4	823.5
60°	1808.8	1787.5	1923.2	2210.3	3203.4	4011.2	4248.6	4639.1	4633.6	3420.3	879.5
62.5°	866.9	901.6	1085.4	1397.0	2141.7	3703.5	4303.0	4526.3	4537.3	4010.4	1008.9
65°	442.5	450.4	545.1	762.8	1133.5	2662.3	4146.1	4370.1	4353.5	3895.2	1344.2
67.5°	298.2	302.1	346.3	461.5	657.9	1115.4	3221.6	4089.3	4077.4	3320.2	1543.7
70°	264.3	265.8	276.9	314.0	394.4	491.4	1475.1	3431.4	3519.7	2536.1	1409.6
72.5°	258.7	258.7	257.2	259.5	254.8	266.6	517.5	2065.9	2194.5	1771.7	1142.2
75°	253.2	254.0	251.6	243.7	198.0	166.4	189.3	870.1	964.7	1165.9	855.9
77.5°	236.6	238.2	245.3	225.6	179.9	117.5	108.1	276.1	322.6	744.6	627.1
80°	89.1	89.1	89.1	82.0	119.9	89.1	78.1	112.8	119.9	419.7	385.7
82.5°	65.5	64.7	61.5	56.8	48.1	45.0	63.9	85.2	85.2	196.4	146.7
85°	18.9	18.9	21.3	28.4	35.5	39.4	48.9	65.5	67.8	74.9	22.1
87.5°	8.7	8.7	11.0	14.2	18.9	28.4	41.0	56.0	56.8	62.3	3.9
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: P991106

CATALOG NUMBER: GPC-SA1B-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
2.5°	30.0	29.2	28.4	27.6	26.0	24.5	22.1	21.3	20.5	20.5	20.5
5°	30.0	28.4	26.0	23.7	22.1	19.7	18.1	17.4	16.6	15.8	15.8
7.5°	29.2	26.8	23.7	21.3	19.7	17.4	15.0	14.2	13.4	13.4	13.4
10°	29.2	26.0	22.1	19.7	17.4	14.2	11.8	11.0	10.3	9.5	9.5
12.5°	27.6	24.5	20.5	17.4	14.2	11.0	8.7	7.1	6.3	6.3	6.3
15°	26.8	23.7	18.9	15.0	11.0	7.9	5.5	3.9	3.2	3.9	3.9
17.5°	26.0	21.3	17.4	11.8	7.9	4.7	2.4	0.8	0.8	0.8	0.8
20°	26.0	20.5	15.0	9.5	5.5	2.4	0.8	0.0	0.0	0.0	0.0
22.5°	26.8	20.5	13.4	7.9	3.2	1.6	0.0	0.0	0.0	0.0	0.0
25°	27.6	19.7	11.8	5.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0
27.5°	28.4	18.9	10.3	3.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	30.0	18.1	8.7	3.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	32.3	17.4	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	34.7	15.8	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	37.9	15.8	3.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	42.6	15.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	50.5	16.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	65.5	21.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	93.1	32.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	131.7	46.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	164.9	48.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	171.2	34.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	147.5	28.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	127.0	18.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	153.0	15.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	243.7	15.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	379.4	15.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	425.2	15.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	328.9	11.8	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	206.7	9.5	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	112.8	6.3	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	42.6	4.7	2.4	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.0	3.9	3.2	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0
85°	5.5	3.2	3.2	2.4	2.4	0.8	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.2	3.2	3.2	2.4	0.8	0.0	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

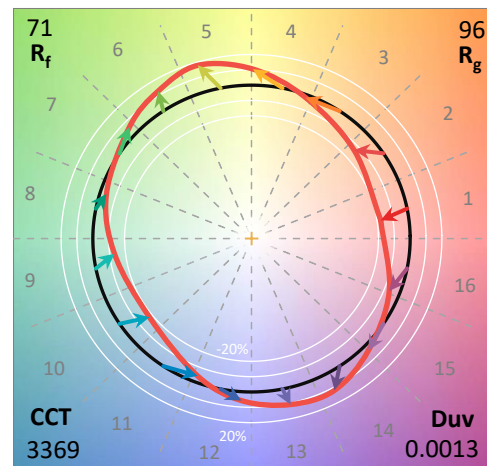
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

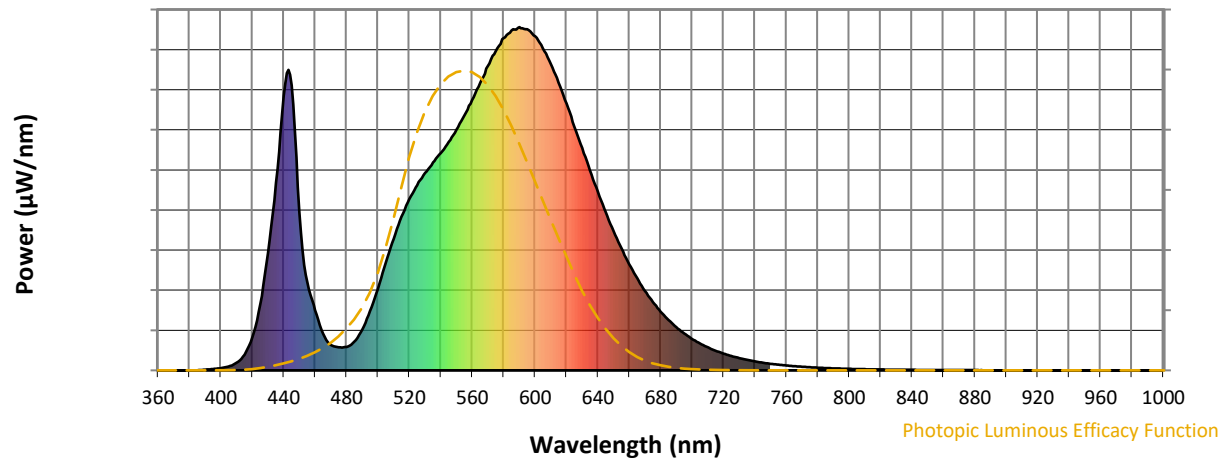
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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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Photopic Flux vs. Wavelength

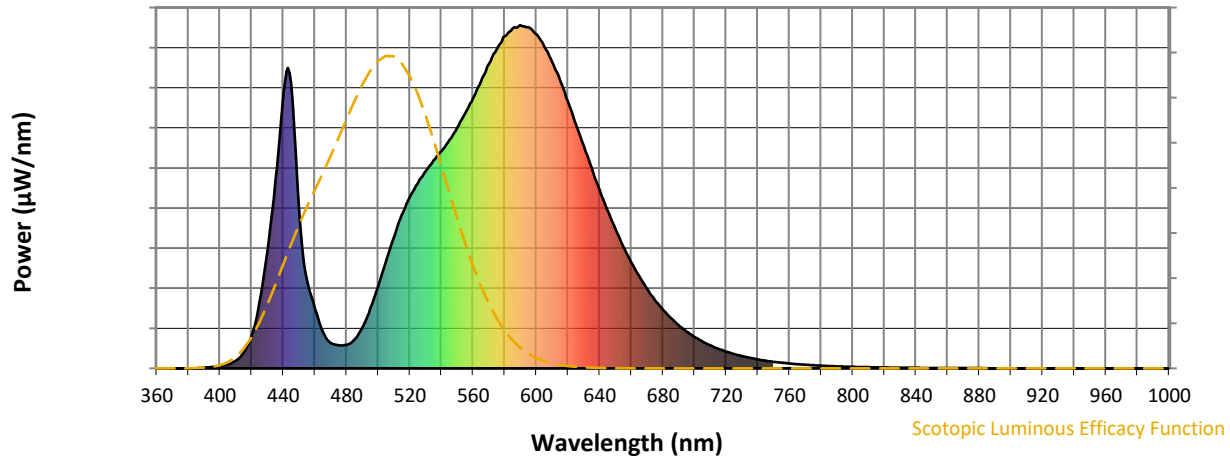


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



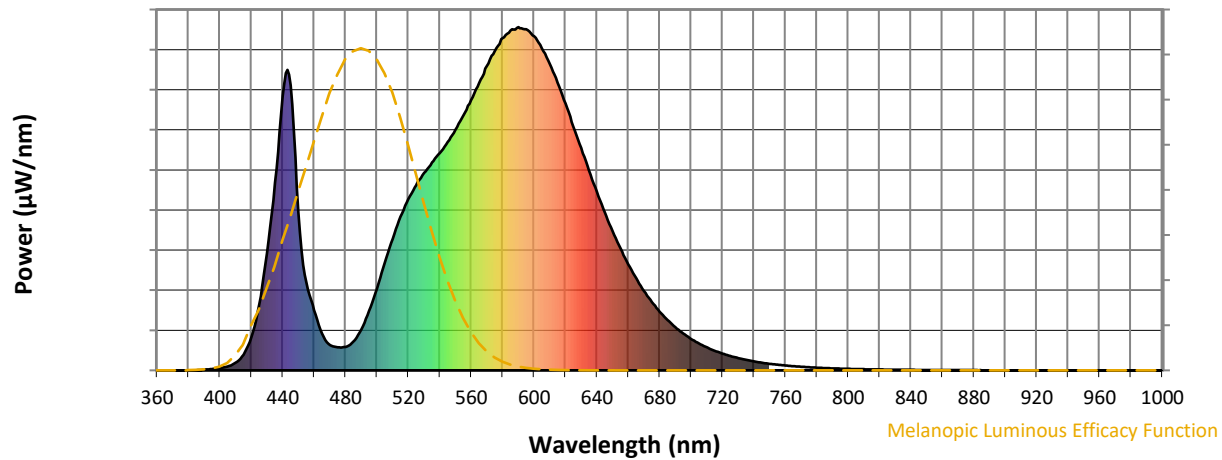
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

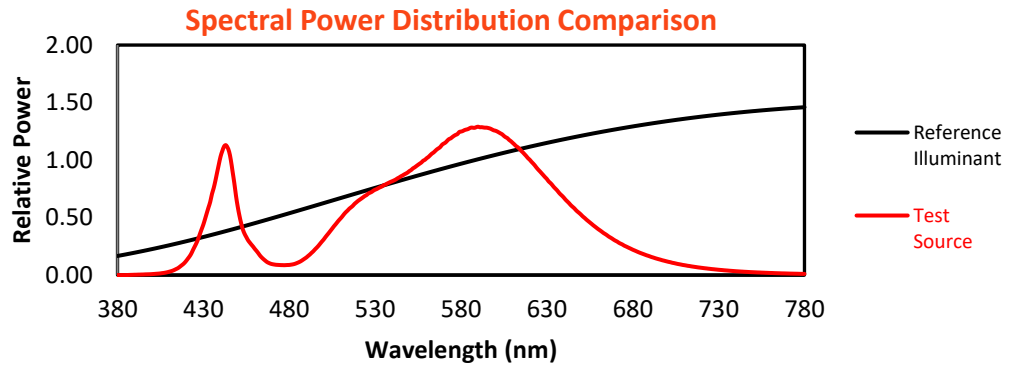
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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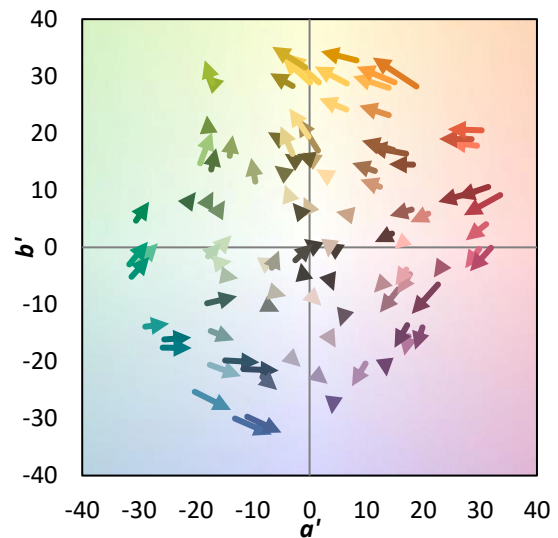
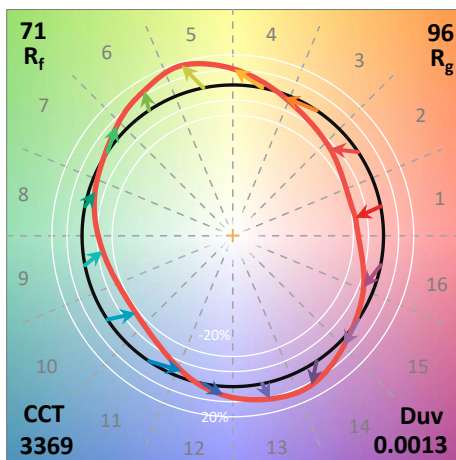
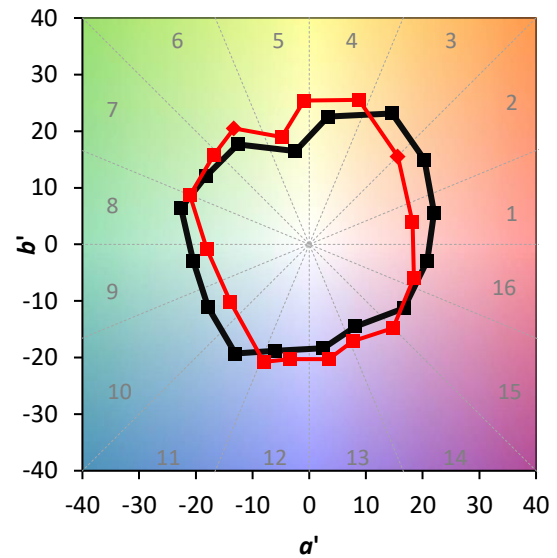
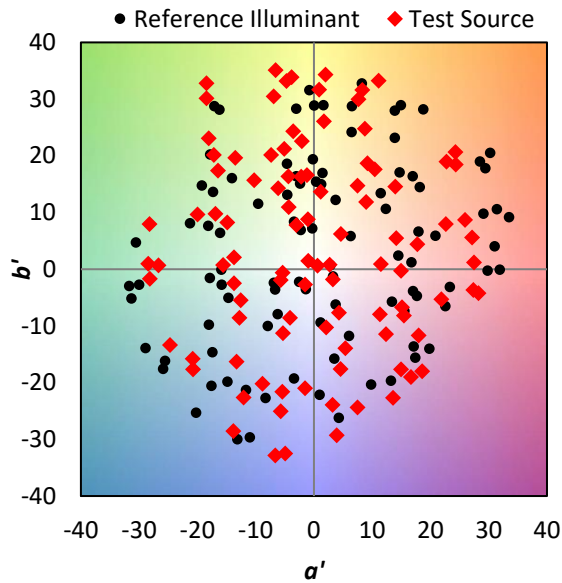
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

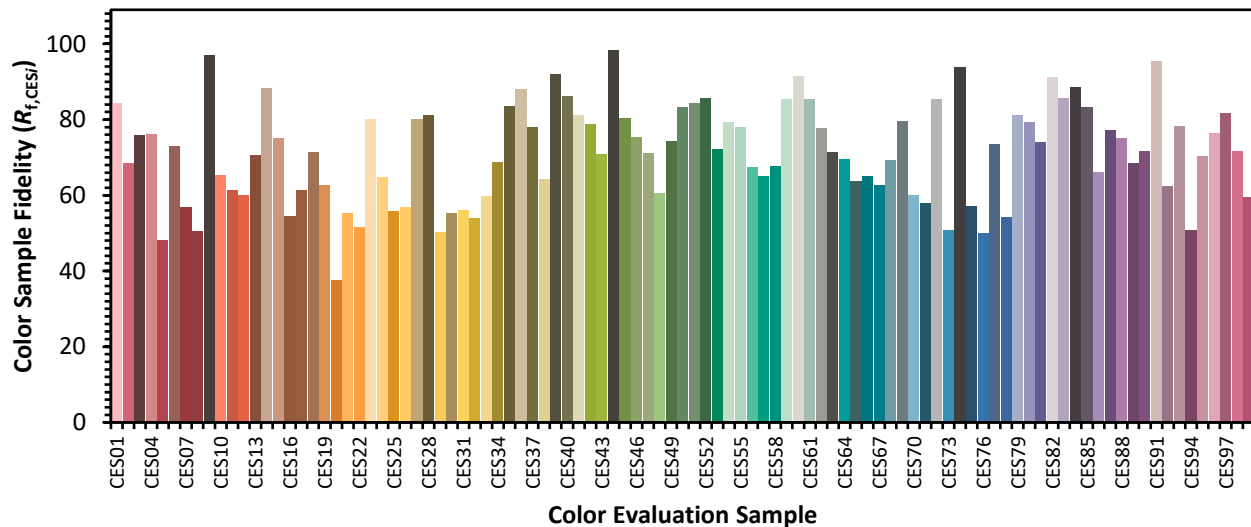


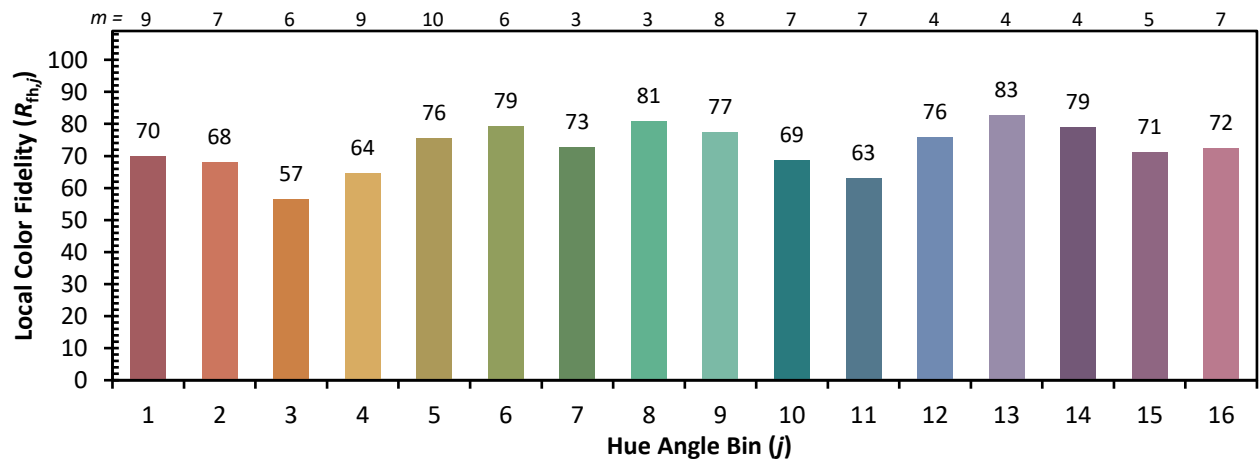
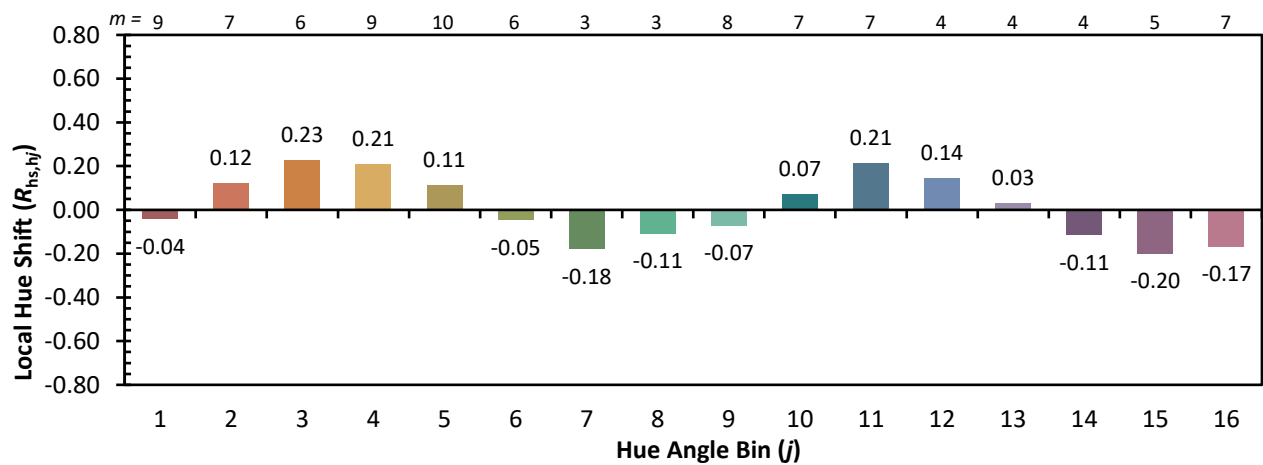
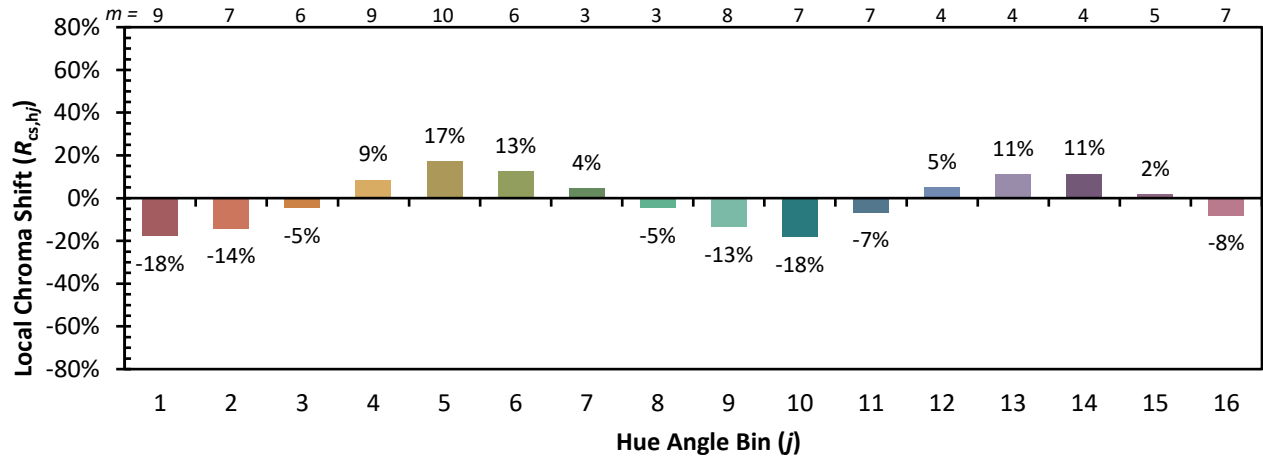
Color Vector Graphics



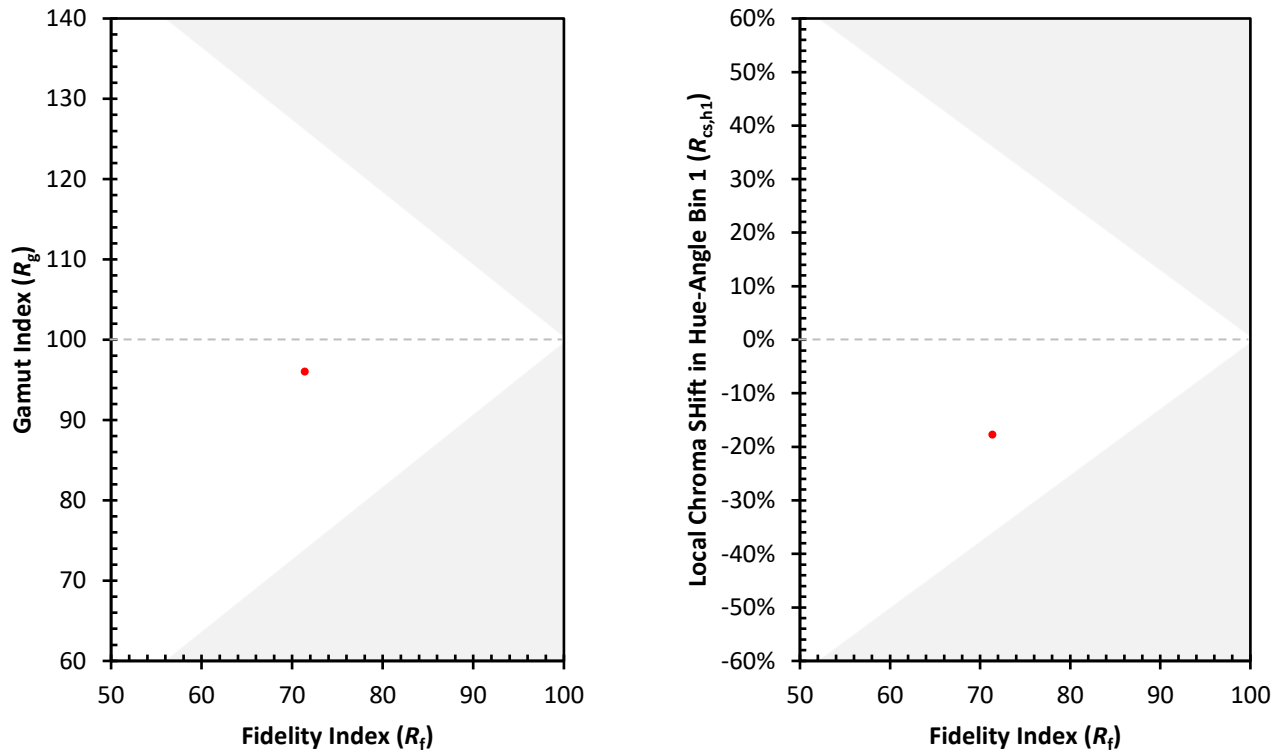
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)