

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: P991034

Luminaire Tested: **GPC-SA1B-735-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991034
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-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 70CRI
3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4375.7 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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



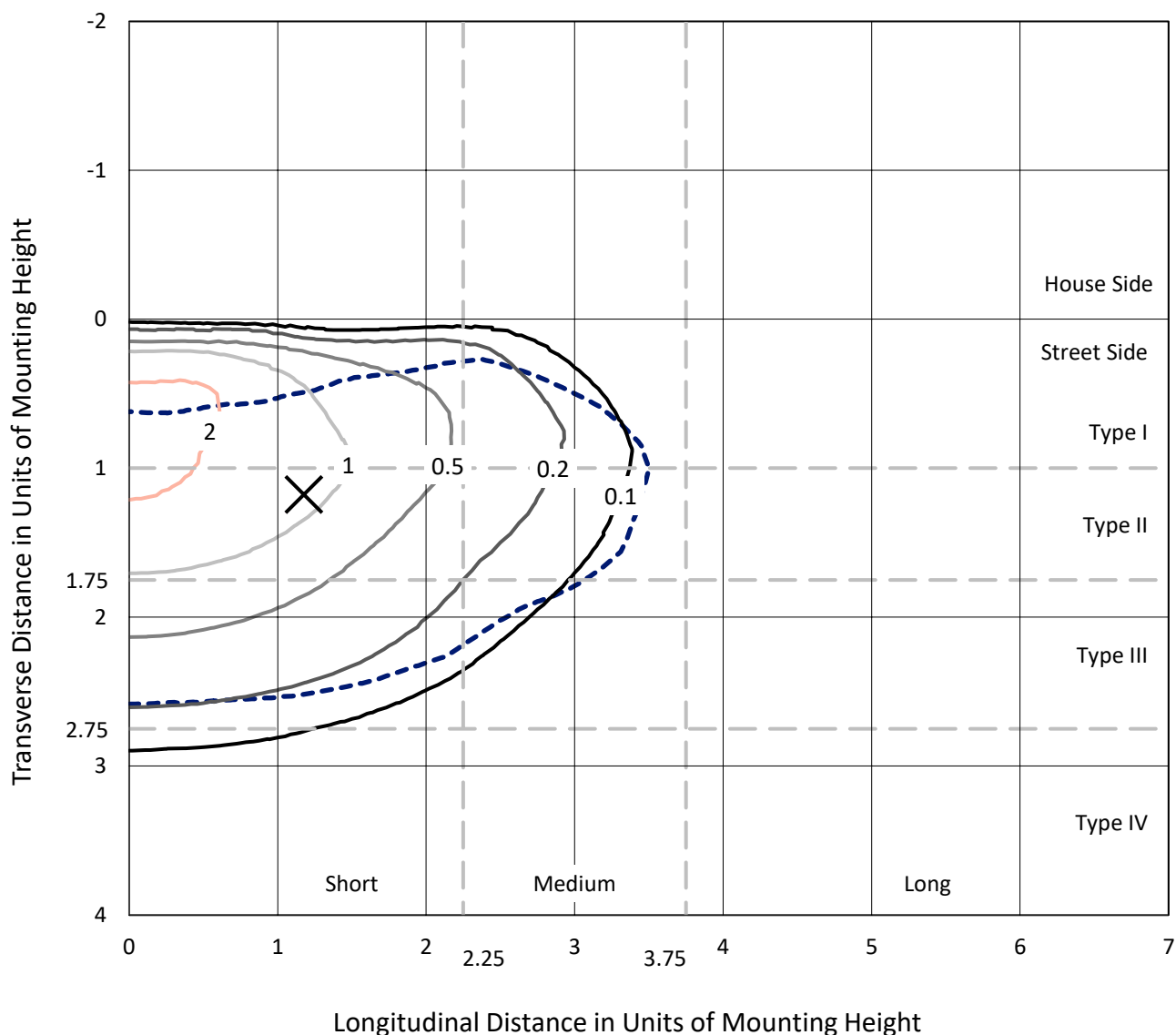
REPORT NUMBER: P991034

CATALOG NUMBER: GPC-SA1B-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

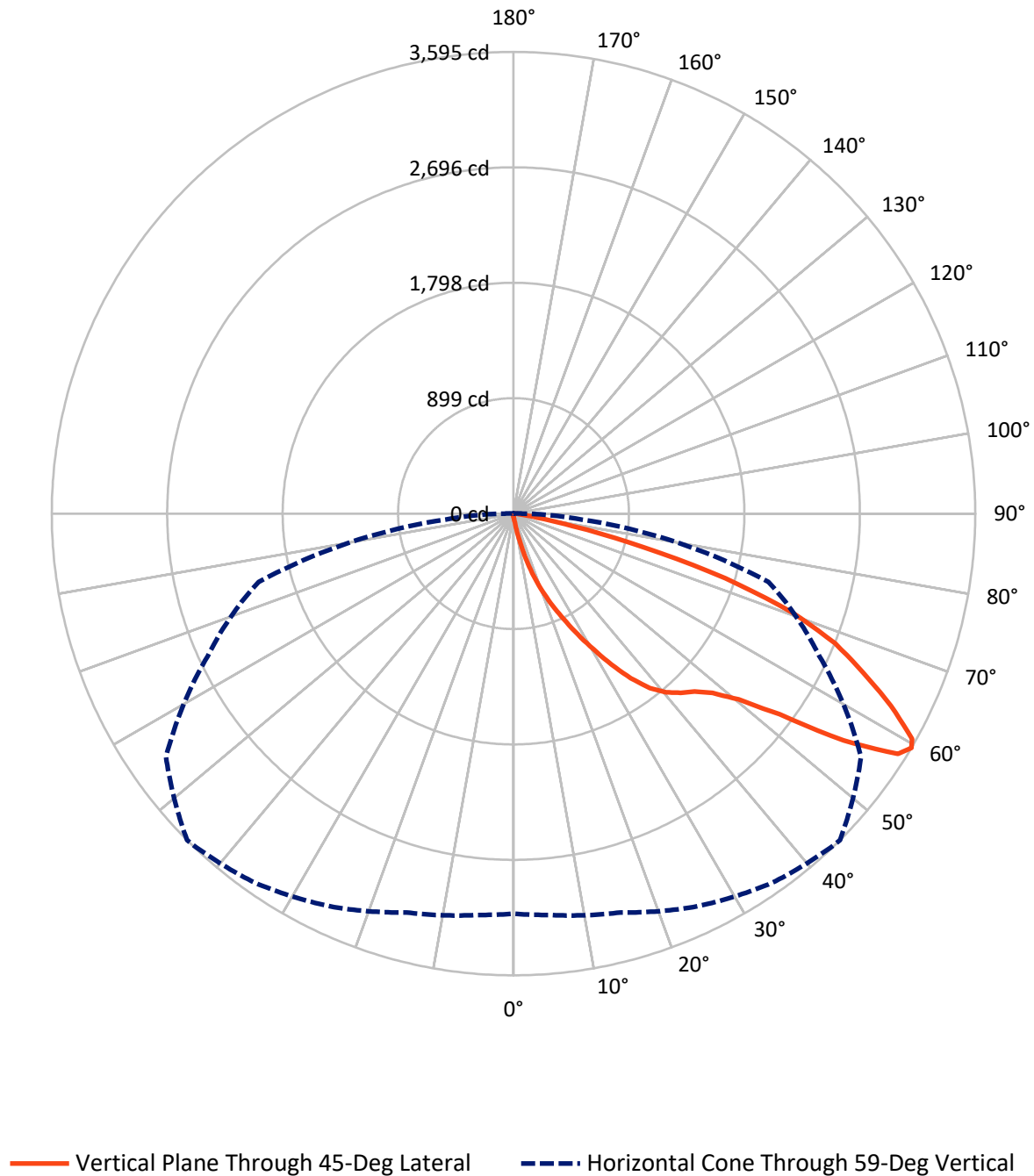


Based on 20 foot mounting height. Maximum calculated value = 2.7 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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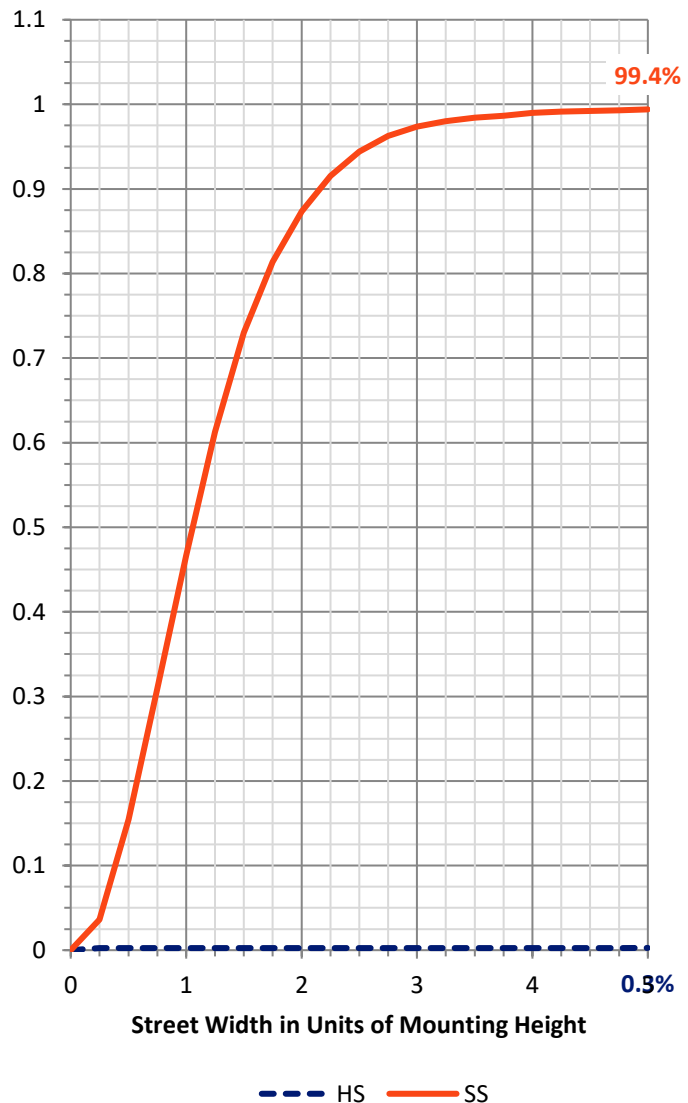
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.9	0.0	11.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4363.8	0.0	4363.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	4375.7	0.0	4375.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.3	0.1
10°-20°	50.7	1.2
20°-30°	179.1	4.1
30°-40°	412.8	9.4
40°-50°	696.4	15.9
50°-60°	1148.1	26.2
60°-70°	1304.3	29.8
70°-80°	536.3	12.3
80°-90°	43.7	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°	4375.7	100.0
0°-180°	4375.7	100.0



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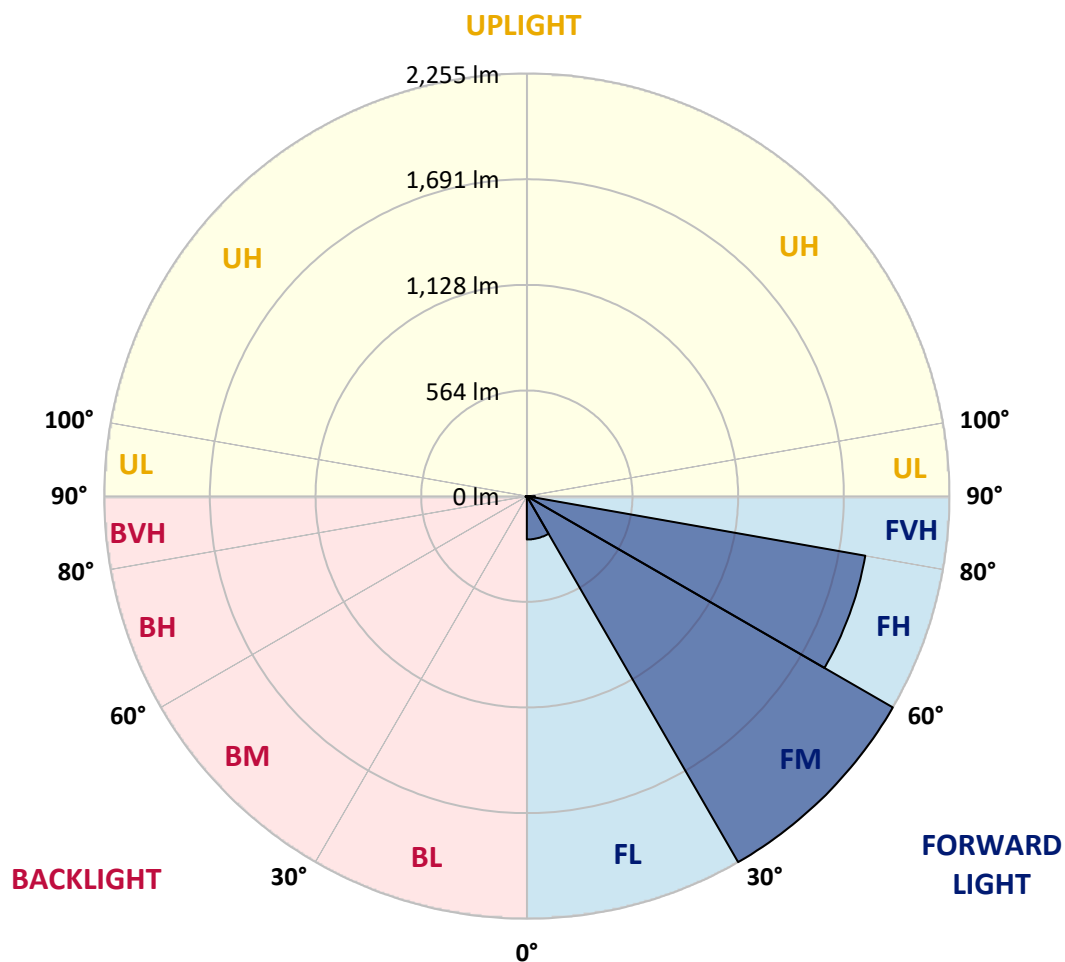
CATALOG NUMBER: GPC-SA1B-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	231.6	5.3			
FM	(30°-60°)	2255.1	51.5			
FH	(60°-80°)	1833.8	41.9			G2/5000
FVH	(80°-90°)	43.3	1.0			G1/100
BL	(0°-30°)	2.5	0.1	B0/110		
BM	(30°-60°)	2.3	0.1	B0/220		
BH	(60°-80°)	6.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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-G2

Type III Short





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CATALOG NUMBER: GPC-SA1B-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
2.5°	32.7	33.0	32.7	32.3	30.9	29.5	29.5	28.4	27.3	26.3	25.2
5°	57.5	56.1	54.7	51.5	45.4	40.1	39.4	34.8	30.9	28.0	25.6
7.5°	145.9	142.0	128.5	112.5	85.6	65.7	65.0	49.3	37.3	30.5	25.9
10°	304.6	294.0	273.4	239.3	185.0	135.3	124.6	76.0	49.0	33.7	26.3
12.5°	463.0	463.3	443.8	397.3	330.9	251.0	237.2	137.4	69.9	39.4	26.6
15°	602.1	598.6	581.5	548.5	476.8	384.5	372.1	236.1	105.8	47.2	27.3
17.5°	708.6	703.7	693.4	671.0	618.5	527.6	514.4	356.1	164.0	57.5	27.7
20°	833.6	830.1	816.9	786.0	738.1	665.7	646.9	487.5	249.9	74.6	28.4
22.5°	988.4	978.1	962.1	922.7	863.4	785.7	779.3	620.9	355.4	101.2	29.8
25°	1167.3	1152.8	1134.0	1084.3	1011.1	916.7	908.9	752.0	469.0	141.3	32.0
27.5°	1384.3	1370.8	1337.0	1272.8	1185.1	1072.2	1063.3	885.8	595.0	196.0	34.8
30°	1619.3	1601.9	1546.2	1462.7	1379.3	1245.8	1224.5	1022.8	721.1	264.1	38.7
32.5°	1838.3	1816.0	1747.1	1648.4	1561.1	1420.1	1401.3	1177.6	853.5	345.4	44.7
35°	2032.5	2006.3	1910.8	1803.2	1715.5	1591.2	1574.2	1328.2	982.0	437.8	52.2
37.5°	2187.0	2169.6	2037.5	1916.1	1844.7	1734.7	1723.3	1489.7	1125.1	544.3	62.5
40°	2346.4	2323.3	2168.2	2015.1	1934.2	1842.6	1829.1	1619.6	1262.5	659.3	75.3
42.5°	2481.3	2459.6	2313.7	2151.5	2025.1	1916.1	1907.6	1728.6	1395.6	778.9	92.0
45°	2624.0	2604.5	2473.8	2346.7	2157.2	1989.2	1974.7	1818.8	1525.6	918.8	114.0
47.5°	2820.0	2794.1	2669.5	2571.8	2354.9	2101.8	2085.4	1907.2	1657.3	1065.1	144.5
50°	3065.3	3046.5	2956.3	2878.6	2648.5	2307.0	2272.2	2021.9	1782.2	1232.7	184.3
52.5°	3303.6	3297.2	3303.6	3275.9	3100.8	2663.1	2595.3	2214.7	1941.3	1407.7	236.1
55°	3333.4	3352.9	3429.9	3518.7	3489.6	3173.3	3116.1	2508.3	2138.0	1628.5	315.3
57.5°	3225.4	3236.4	3334.8	3491.4	3585.4	3537.2	3530.1	2994.3	2415.6	1890.9	434.2
59°	3115.0	3136.7	3215.1	3374.9	3509.8	3589.3	3595.0	3302.8	2626.9	2054.2	532.2
60°	3053.6	3060.4	3121.1	3278.3	3423.2	3548.9	3565.2	3460.8	2793.4	2177.4	619.9
62.5°	2859.8	2863.3	2896.0	3019.9	3148.0	3263.8	3298.2	3557.0	3255.6	2486.3	929.8
65°	2606.3	2610.9	2660.2	2779.2	2901.3	2979.1	2993.6	3287.2	3499.2	2807.9	1362.6
67.5°	2149.3	2175.3	2238.1	2425.6	2597.4	2690.4	2701.1	2811.5	3366.0	3025.6	1591.6
70°	1455.3	1430.8	1586.6	1847.6	2158.2	2298.1	2298.8	2347.1	2865.4	2972.0	1327.1
72.5°	635.5	674.6	788.2	1017.9	1394.2	1731.5	1724.4	1888.4	2285.3	2525.0	986.6
75°	279.1	287.9	335.9	457.6	634.1	940.5	1048.8	1516.0	1720.1	1651.2	717.5
77.5°	150.2	152.3	165.1	191.4	242.5	444.1	469.0	960.4	1219.5	951.8	463.7
80°	57.2	57.2	59.6	68.5	101.2	173.6	186.4	433.8	841.4	486.4	234.3
82.5°	35.9	35.1	35.5	35.9	41.2	59.3	63.2	172.5	397.3	240.0	61.8
85°	18.1	18.8	20.9	25.2	29.8	36.6	37.6	54.0	120.7	56.1	16.0
87.5°	11.7	12.1	13.1	17.0	20.9	26.6	27.3	37.6	47.9	39.4	3.2
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: GPC-SA1B-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
2.5°	24.9	24.1	23.1	22.0	20.9	19.2	17.8	17.0	16.7	16.3	16.3
5°	24.5	23.4	21.3	19.5	17.8	15.6	13.8	12.8	12.4	12.1	12.1
7.5°	24.1	22.4	19.9	17.4	14.9	12.4	10.3	9.2	8.9	8.5	8.2
10°	23.8	21.7	18.1	15.3	12.4	9.6	7.5	6.0	5.7	5.3	5.3
12.5°	23.4	20.6	16.7	13.5	9.9	6.7	5.0	3.6	2.8	2.5	2.5
15°	23.1	19.5	15.6	11.4	7.5	4.3	2.1	1.1	0.4	0.4	0.4
17.5°	22.0	18.5	13.8	8.9	5.0	2.1	0.7	0.0	0.0	0.0	0.0
20°	21.3	17.4	12.1	6.7	2.8	1.1	0.0	0.0	0.0	0.0	0.0
22.5°	20.9	16.7	10.3	4.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
25°	20.9	16.0	8.5	3.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	21.3	15.3	6.7	2.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	20.6	14.6	5.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	20.6	13.1	3.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	20.9	11.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	22.0	9.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	23.8	9.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	26.3	8.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.1	8.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	33.4	9.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	38.3	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	44.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	50.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	58.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	66.7	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	75.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	122.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	239.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	409.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	435.3	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	285.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	145.6	5.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	65.3	5.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.3	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.7	2.1	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.3	2.1	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.1	1.8	1.4	0.7	0.0	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

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

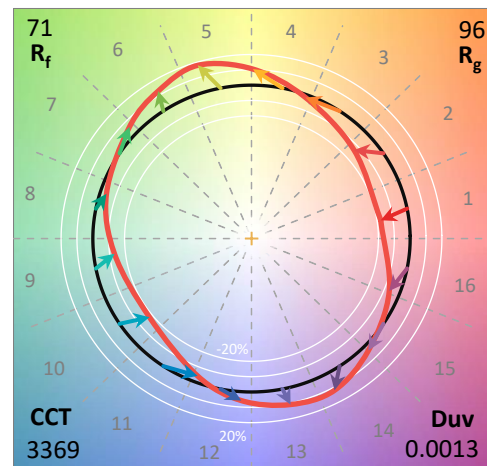
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

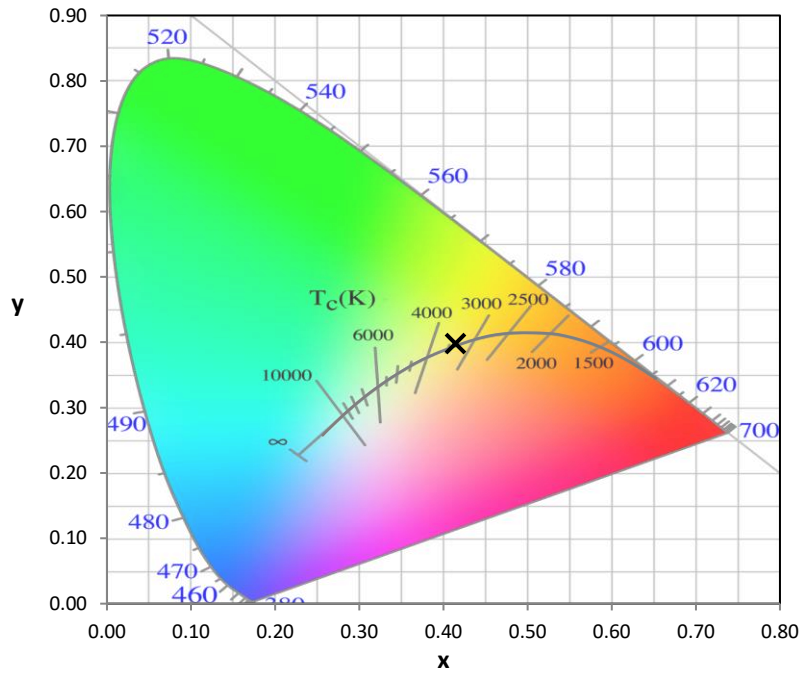
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

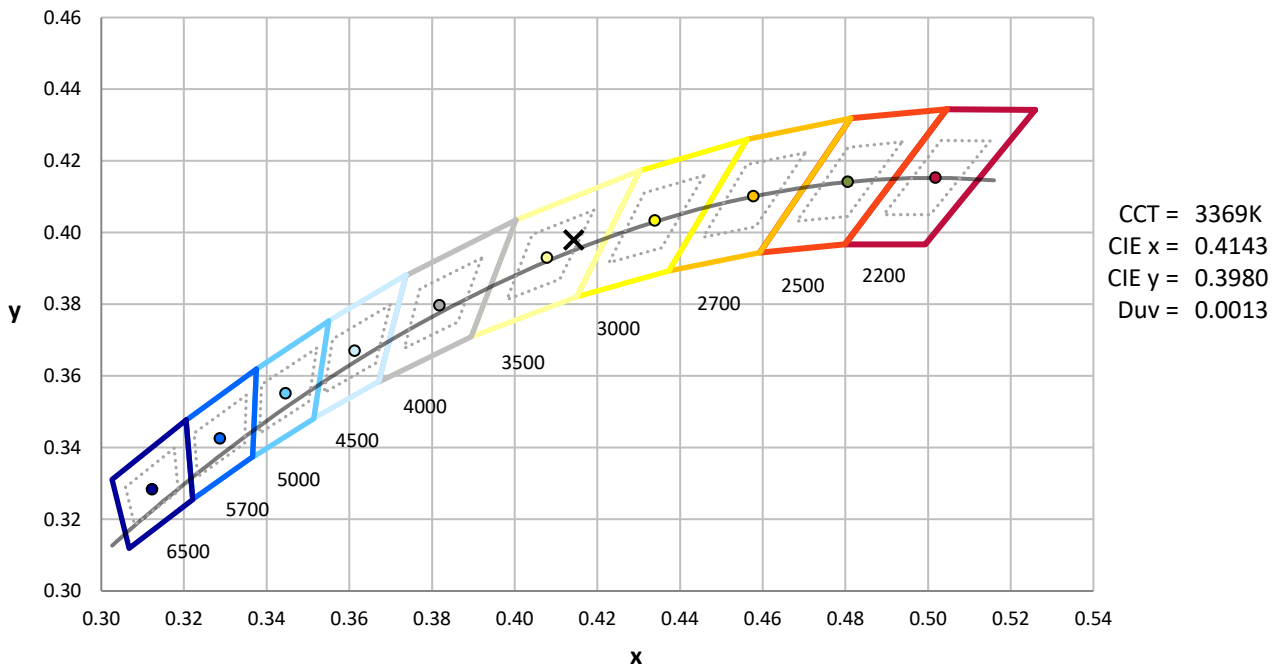
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



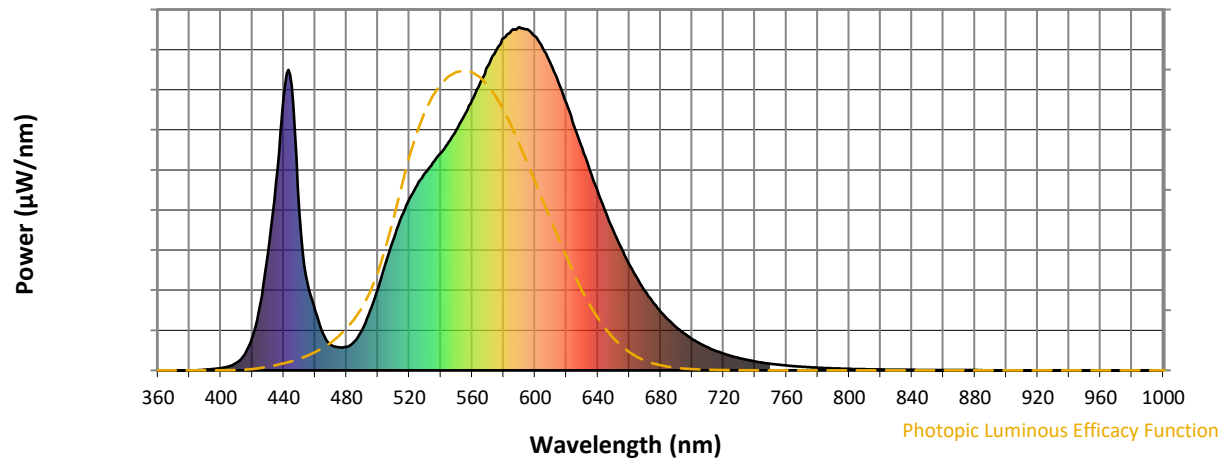
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

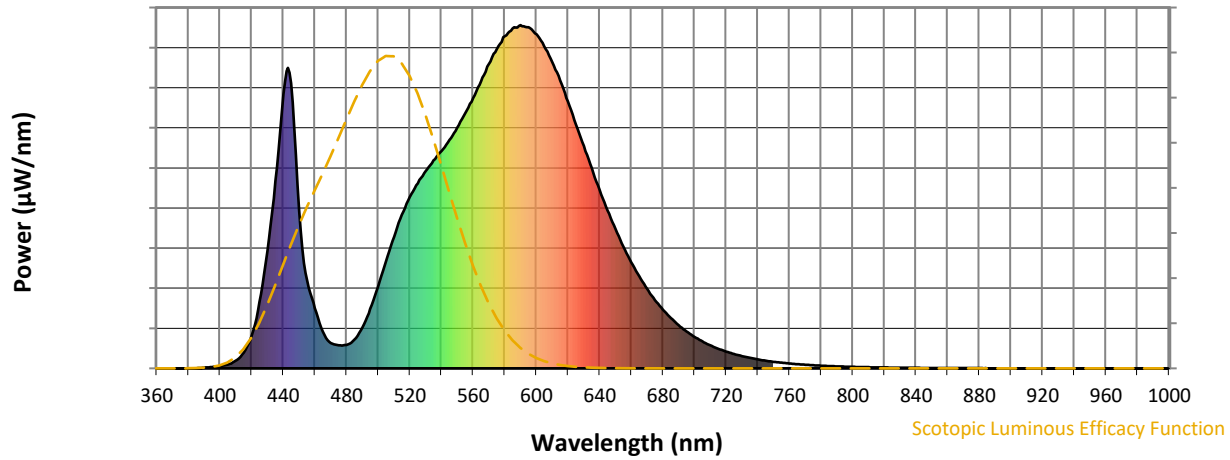


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



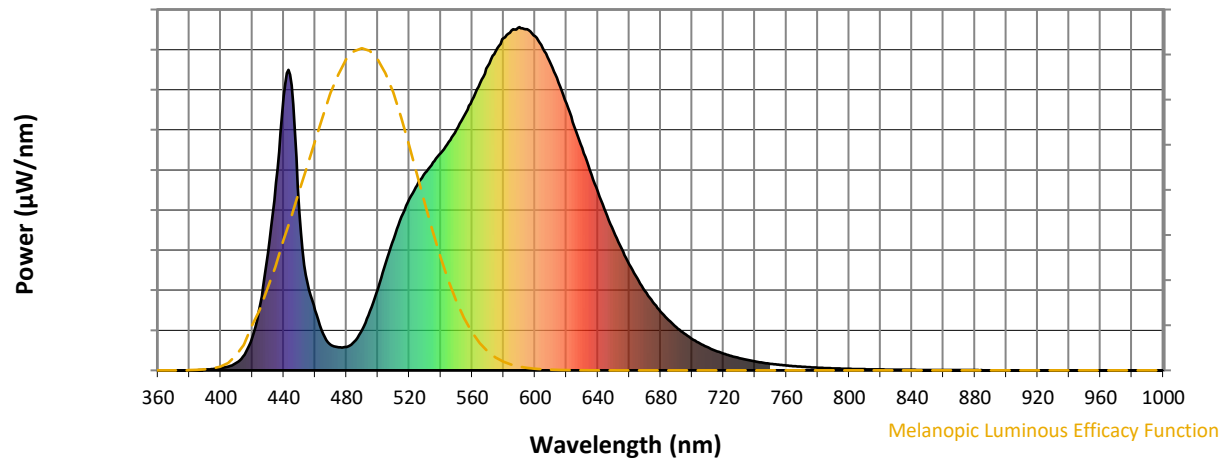
Scotopic Lumens: NR

S/P: 1.29

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	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

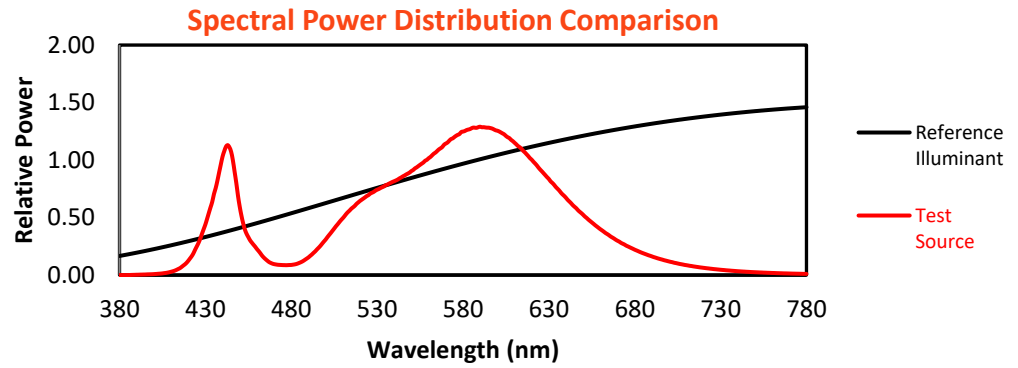
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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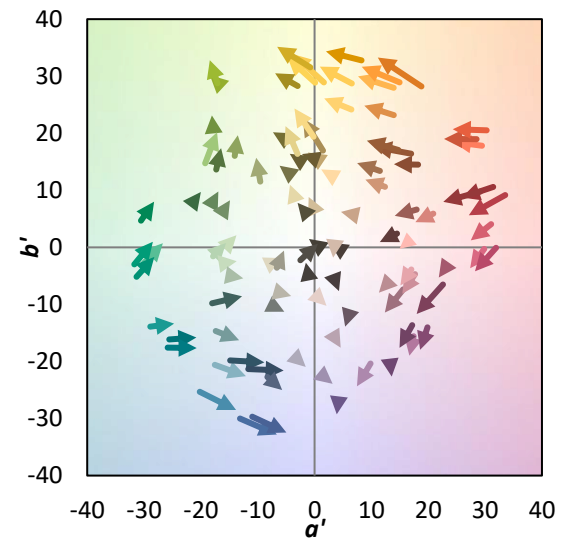
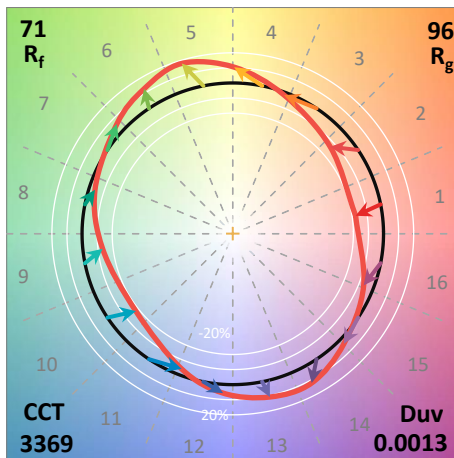
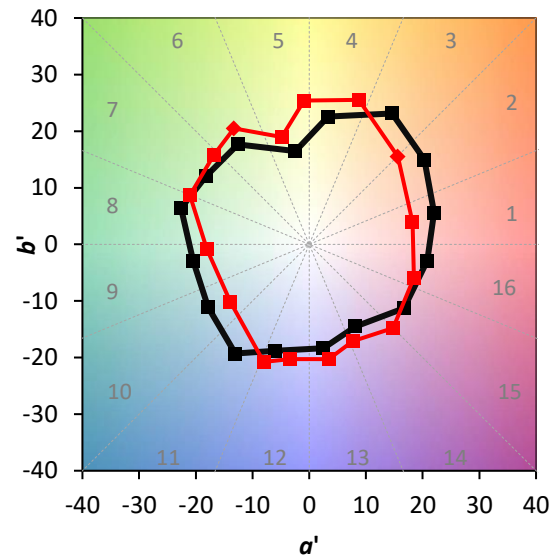
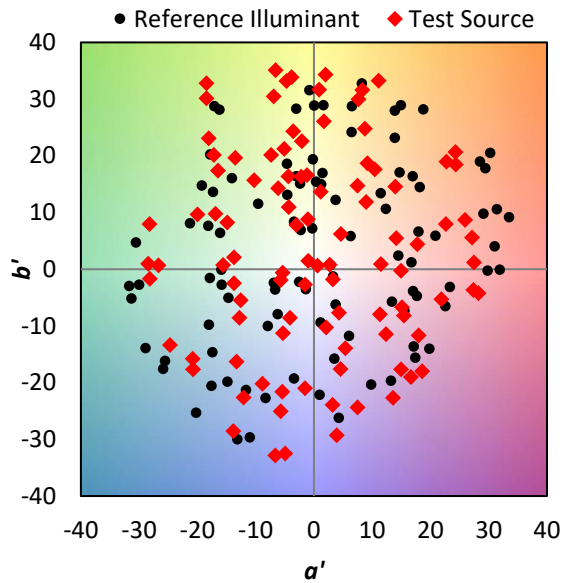
TM-30-18

Summary

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

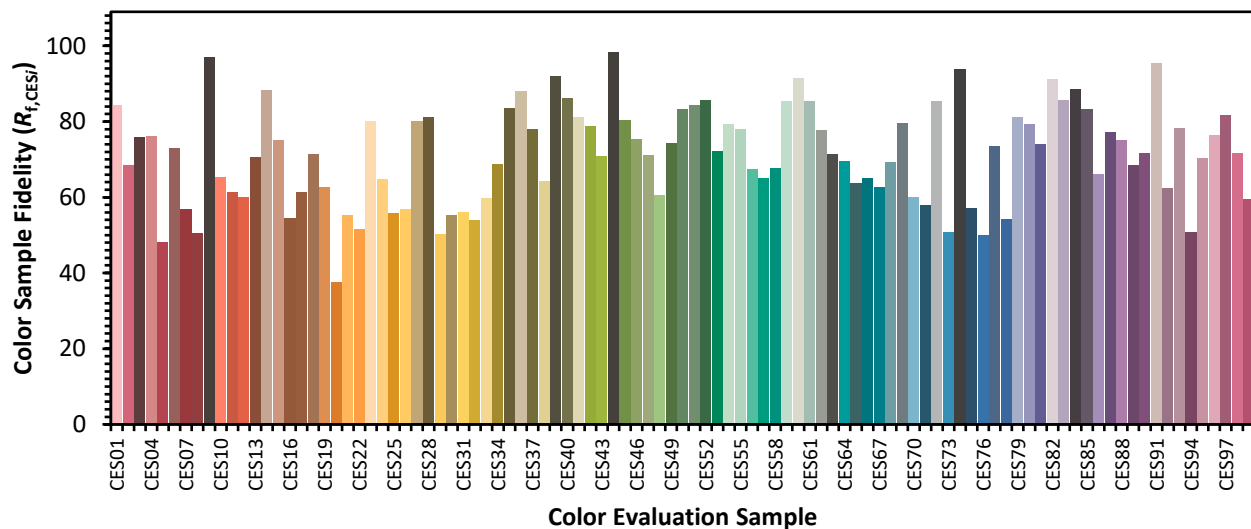


Color Vector Graphics

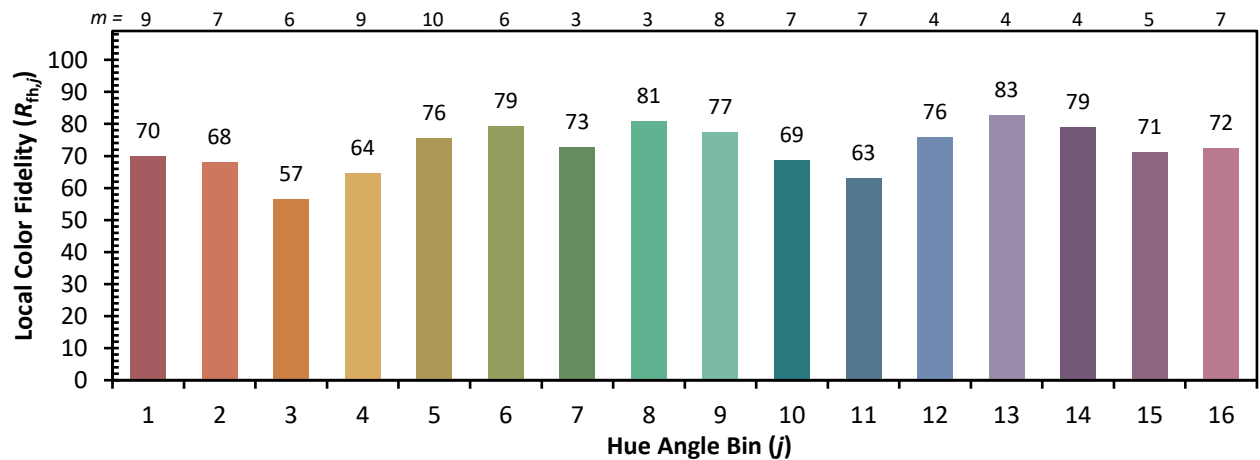
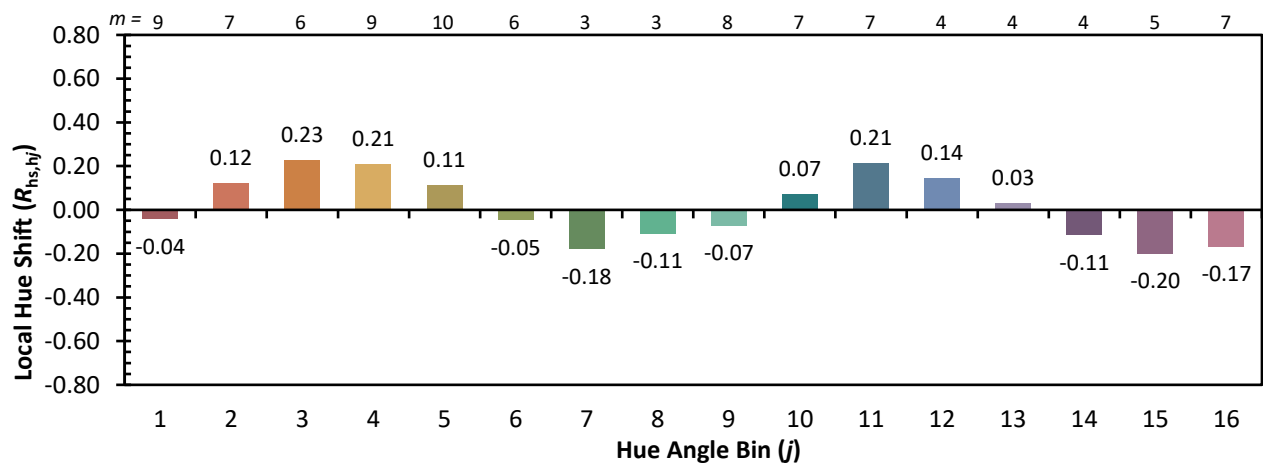
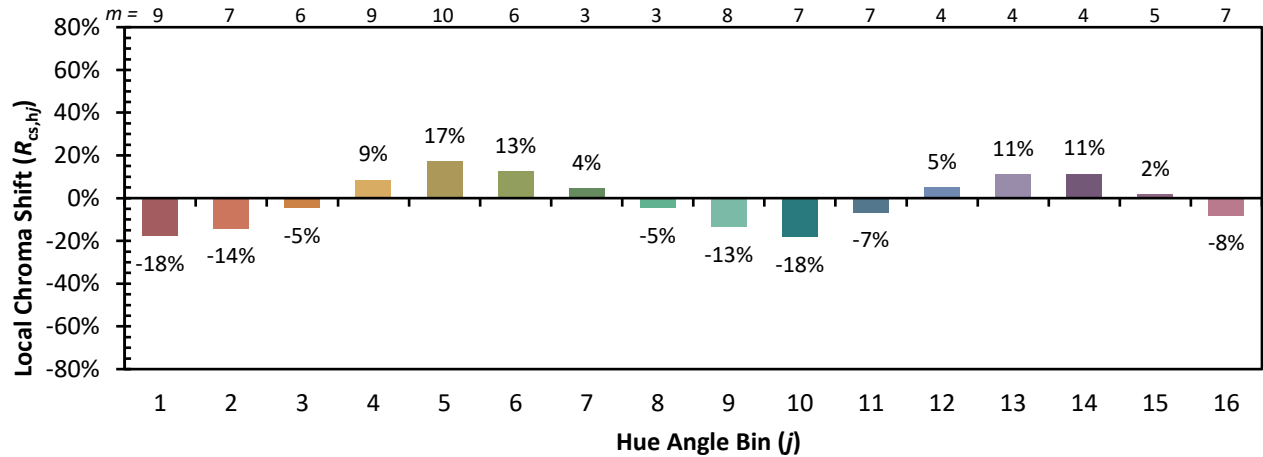


Individual Sample Fidelity Index ($R_{f,i}$)

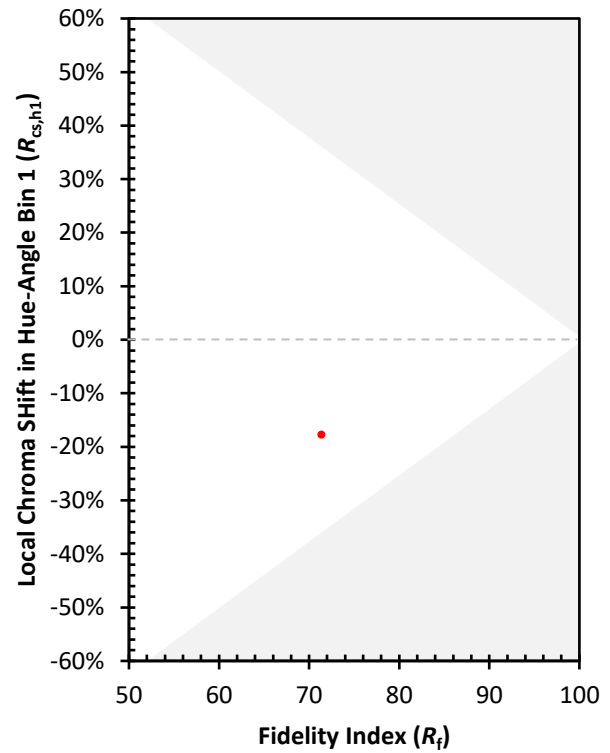
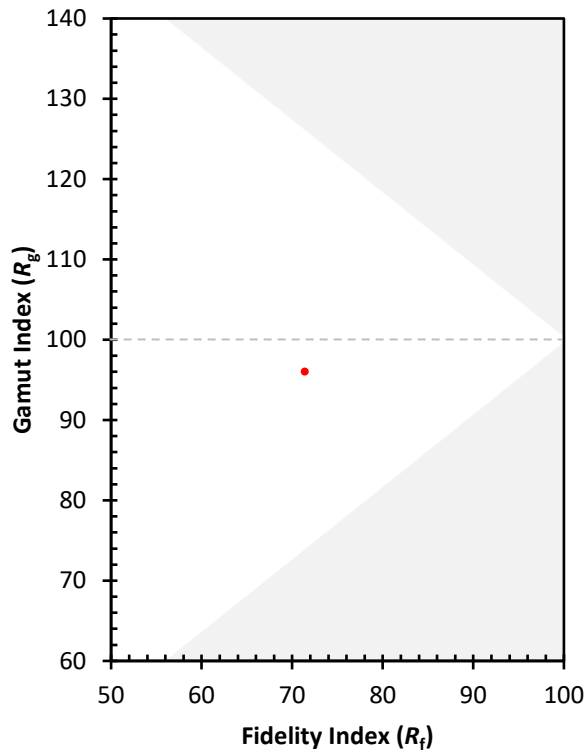
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)