

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: P991180

Luminaire Tested: **GPC-SA2D-735-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991180
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-735-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11267.8 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 108.2
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

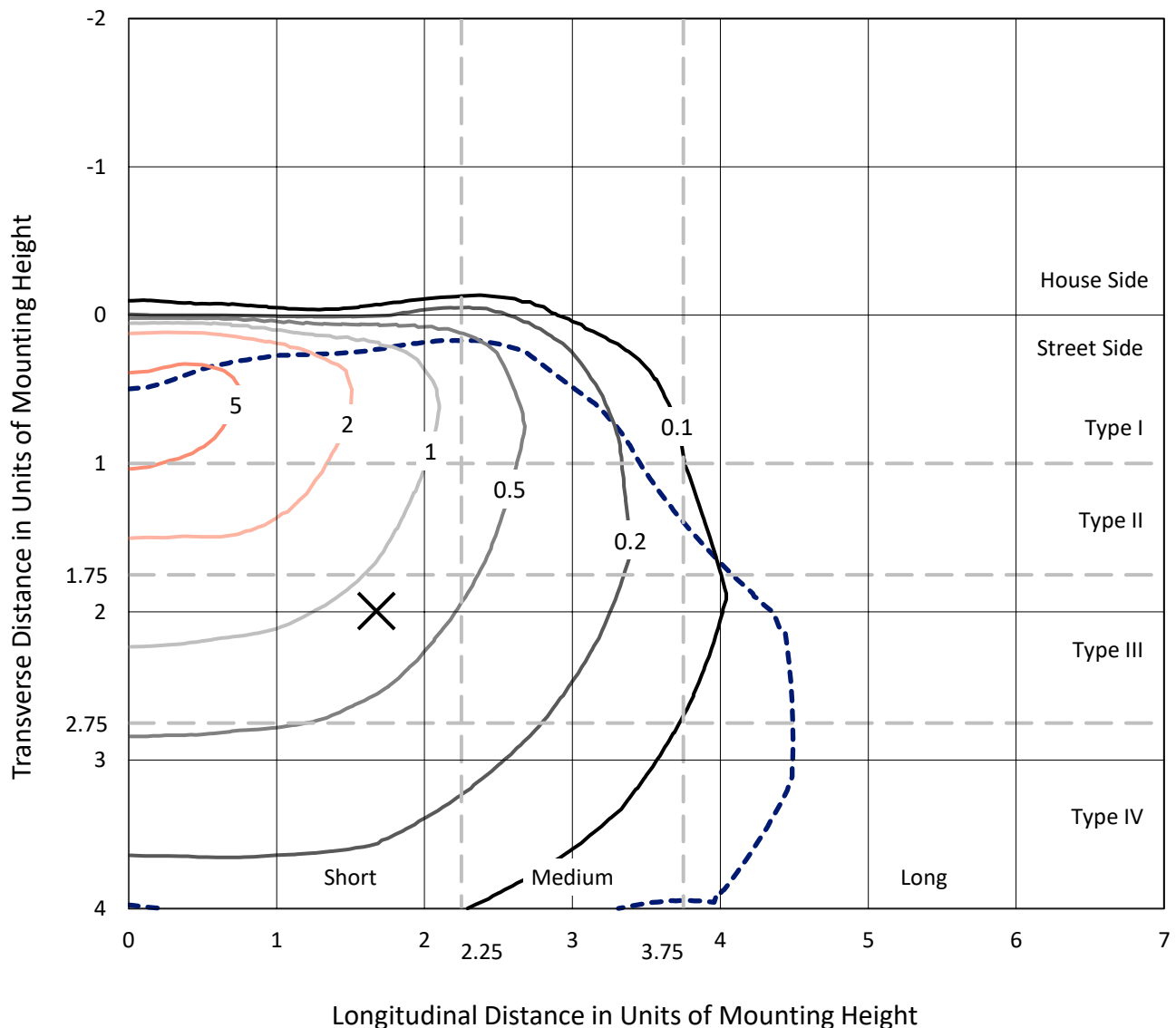


REPORT NUMBER: P991180

CATALOG NUMBER: GPC-SA2D-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

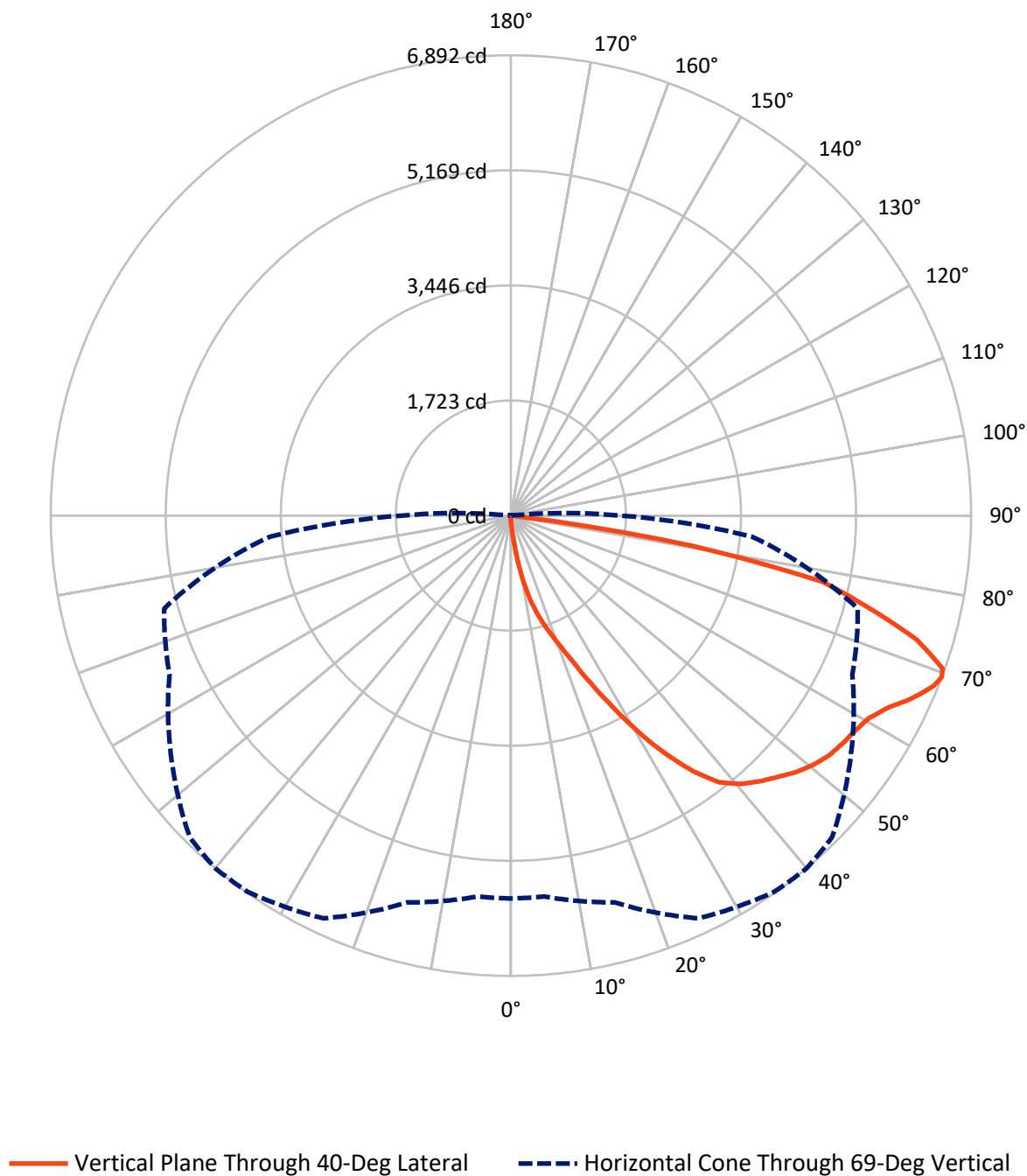
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P991180
CATALOG NUMBER: GPC-SA2D-735-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991180

CATALOG NUMBER: GPC-SA2D-735-U-T4BC

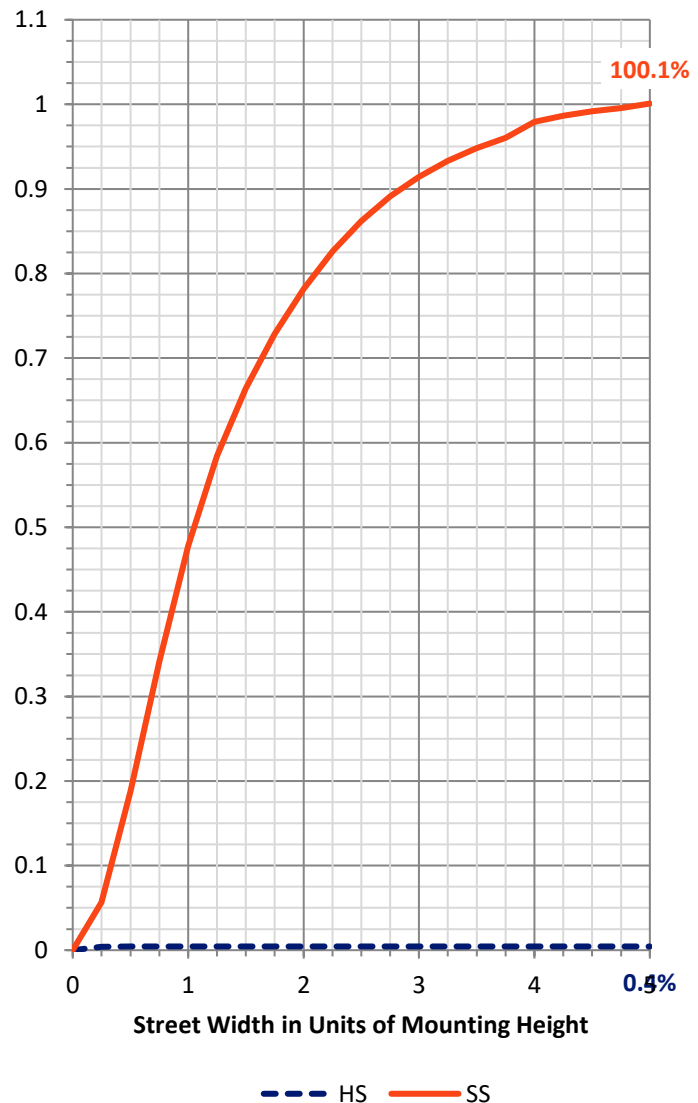
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.4	0.0	49.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11218.5	0.0	11218.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	11267.8	0.0	11267.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	0.2
10°-20°	180.0	1.6
20°-30°	542.0	4.8
30°-40°	1193.4	10.6
40°-50°	1833.9	16.3
50°-60°	2258.2	20.0
60°-70°	2851.0	25.3
70°-80°	2192.9	19.5
80°-90°	192.7	1.7
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°	11267.8	100.0
0°-180°	11267.8	100.0



REPORT NUMBER: P991180

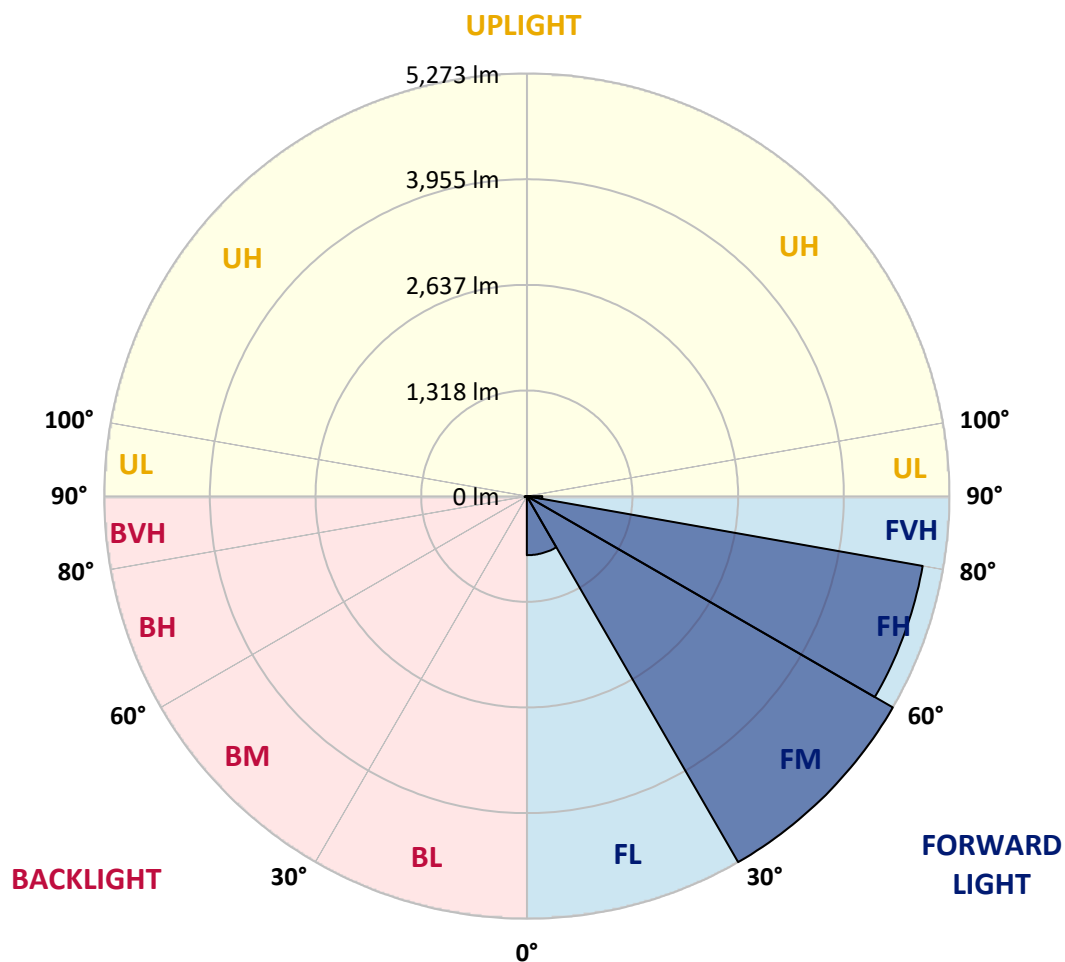
CATALOG NUMBER: GPC-SA2D-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	737.3	6.5			
FM	(30°-60°)	5273.4	46.8			
FH	(60°-80°)	5015.6	44.5			G3/7500
FVH	(80°-90°)	192.2	1.7			G2/225
BL	(0°-30°)	8.4	0.1	B0/110		
BM	(30°-60°)	12.1	0.1	B0/220		
BH	(60°-80°)	28.3	0.3	B0/110		G0/110
BVH	(80°-90°)	0.6	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 IV Short



REPORT NUMBER: P991180

CATALOG NUMBER: GPC-SA2D-735-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2.5°	183.9	181.8	173.3	162.7	154.3	147.9	139.5	126.8	114.1	99.3	88.8
5°	481.9	479.8	445.9	403.7	346.6	308.6	270.5	209.2	158.5	122.6	93.0
7.5°	891.9	885.6	853.9	788.3	667.9	602.3	532.6	374.1	243.1	152.2	99.3
10°	1297.7	1293.5	1253.3	1158.2	1027.2	961.6	868.7	638.3	382.5	198.7	107.8
12.5°	1536.5	1547.1	1517.5	1473.1	1361.1	1299.8	1194.1	927.8	587.6	272.6	118.4
15°	1733.1	1737.3	1709.8	1682.4	1621.1	1570.3	1481.6	1236.4	832.7	372.0	131.0
17.5°	1976.1	1969.8	1940.2	1908.5	1840.9	1802.8	1745.8	1521.7	1094.8	513.6	147.9
20°	2284.7	2267.8	2234.0	2179.0	2105.1	2058.6	1999.4	1813.4	1356.9	670.0	169.1
22.5°	2679.9	2658.8	2622.9	2572.1	2441.1	2369.2	2293.2	2062.8	1646.4	868.7	196.6
25°	3136.4	3125.9	3087.8	3016.0	2876.5	2781.4	2658.8	2354.4	1933.9	1080.0	230.4
27.5°	3673.3	3654.3	3603.5	3519.0	3368.9	3244.2	3092.1	2675.7	2208.6	1304.0	272.6
30°	4273.5	4231.2	4127.7	4053.7	3878.3	3755.7	3578.2	3102.6	2491.8	1538.6	317.0
32.5°	4831.5	4776.5	4626.5	4525.0	4362.3	4252.4	4089.6	3533.8	2811.0	1783.8	374.1
35°	5336.6	5277.4	5034.4	4880.1	4797.7	4704.7	4539.8	4026.2	3155.5	2045.9	439.6
37.5°	5763.5	5704.4	5391.6	5148.5	5097.8	5066.1	4932.9	4442.6	3546.5	2341.8	515.7
40°	6002.4	5964.3	5693.8	5419.0	5321.8	5283.8	5186.5	4791.3	3981.8	2637.7	604.5
42.5°	6076.3	6053.1	5833.3	5698.0	5520.5	5444.4	5328.2	5057.6	4355.9	2969.5	705.9
45°	6036.2	6010.8	5850.2	5881.9	5733.9	5586.0	5427.5	5239.4	4670.8	3360.5	832.7
47.5°	5865.0	5856.5	5746.6	5926.3	5909.4	5740.3	5543.7	5359.9	4941.4	3738.8	991.2
50°	5446.5	5442.3	5493.0	5865.0	6025.6	5867.1	5670.5	5467.6	5157.0	4117.1	1194.1
52.5°	4882.2	4911.8	5167.5	5750.9	6059.4	5966.4	5797.3	5590.2	5334.5	4495.4	1466.8
55°	4584.2	4609.6	4945.6	5626.2	6053.1	6025.6	5926.3	5708.6	5497.2	4806.1	1830.3
57.5°	4810.3	4782.9	4937.2	5609.2	6025.6	6076.3	6019.3	5801.6	5645.2	5080.9	2333.3
60°	5239.4	5230.9	5250.0	5729.7	6082.7	6158.8	6118.6	5865.0	5791.0	5290.1	2887.1
62.5°	5672.7	5649.4	5668.4	6061.5	6281.3	6334.2	6285.6	5968.5	5905.1	5442.3	3487.3
65°	5888.2	5871.3	5960.1	6395.5	6564.6	6600.5	6537.1	6135.5	5924.2	5520.5	3865.6
67.5°	5860.8	5856.5	6063.7	6630.1	6801.3	6822.4	6769.6	6302.5	5843.8	5518.4	3905.8
69°	5731.8	5723.4	5996.0	6653.3	6877.4	6892.1	6805.5	6217.9	5640.9	5376.8	3620.4
70°	5579.7	5588.1	5896.7	6611.0	6879.5	6858.3	6657.5	6097.5	5486.7	5214.0	3256.9
72.5°	5013.2	5066.1	5488.8	6334.2	6589.9	6353.2	6091.1	5702.2	5192.9	4444.7	2274.1
75°	4193.2	4267.2	4812.5	5759.3	5666.3	5548.0	5516.3	5220.4	4704.7	2952.6	1616.8
77.5°	2050.1	2295.3	3415.4	4423.6	4649.7	4770.2	4725.8	4315.8	3781.1	1449.9	1054.6
80°	107.8	112.0	179.6	422.7	2153.7	2739.1	3368.9	3295.0	2861.7	661.5	555.9
82.5°	57.1	57.1	63.4	74.0	86.7	103.6	274.8	1887.4	1701.4	340.3	207.1
85°	31.7	31.7	38.0	50.7	65.5	76.1	86.7	114.1	365.6	122.6	33.8
87.5°	14.8	19.0	25.4	35.9	46.5	59.2	67.6	84.5	107.8	103.6	6.3
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: P991180

CATALOG NUMBER: GPC-SA2D-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2.5°	82.4	78.2	71.9	67.6	65.5	61.3	57.1	55.0	52.8	50.7	52.8
5°	82.4	76.1	65.5	59.2	55.0	48.6	44.4	42.3	40.2	38.0	38.0
7.5°	82.4	71.9	59.2	50.7	44.4	40.2	33.8	31.7	29.6	27.5	27.5
10°	84.5	67.6	52.8	44.4	38.0	31.7	27.5	23.2	21.1	21.1	21.1
12.5°	84.5	63.4	46.5	38.0	31.7	25.4	19.0	14.8	12.7	12.7	12.7
15°	84.5	59.2	42.3	31.7	25.4	19.0	10.6	6.3	4.2	4.2	2.1
17.5°	86.7	57.1	38.0	27.5	19.0	10.6	2.1	0.0	0.0	0.0	0.0
20°	90.9	55.0	33.8	23.2	12.7	4.2	0.0	0.0	0.0	0.0	0.0
22.5°	95.1	52.8	29.6	16.9	6.3	2.1	0.0	0.0	0.0	0.0	0.0
25°	103.6	52.8	27.5	14.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	112.0	52.8	21.1	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	118.4	52.8	19.0	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	126.8	52.8	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	133.2	50.7	12.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	139.5	48.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	147.9	46.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	156.4	42.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	167.0	40.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	181.8	38.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	202.9	38.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	238.8	38.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	298.0	38.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	401.6	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	604.5	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	934.2	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1428.7	50.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1811.3	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1635.9	57.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1386.5	44.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	771.4	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	401.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	171.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.9	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.3	4.2	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	2.1	2.1	2.1	2.1	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

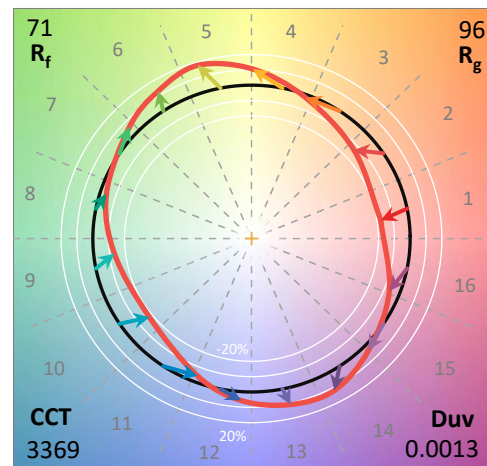
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

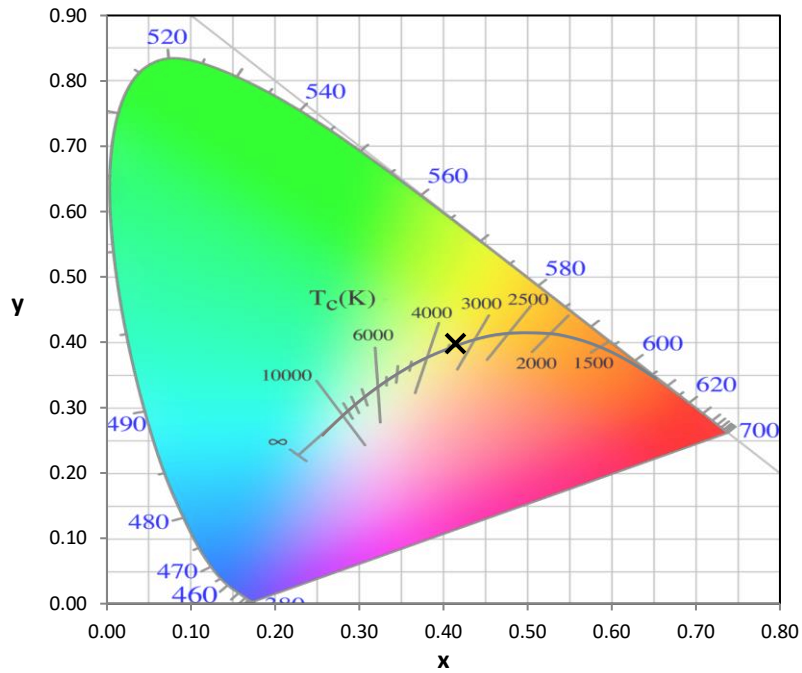
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

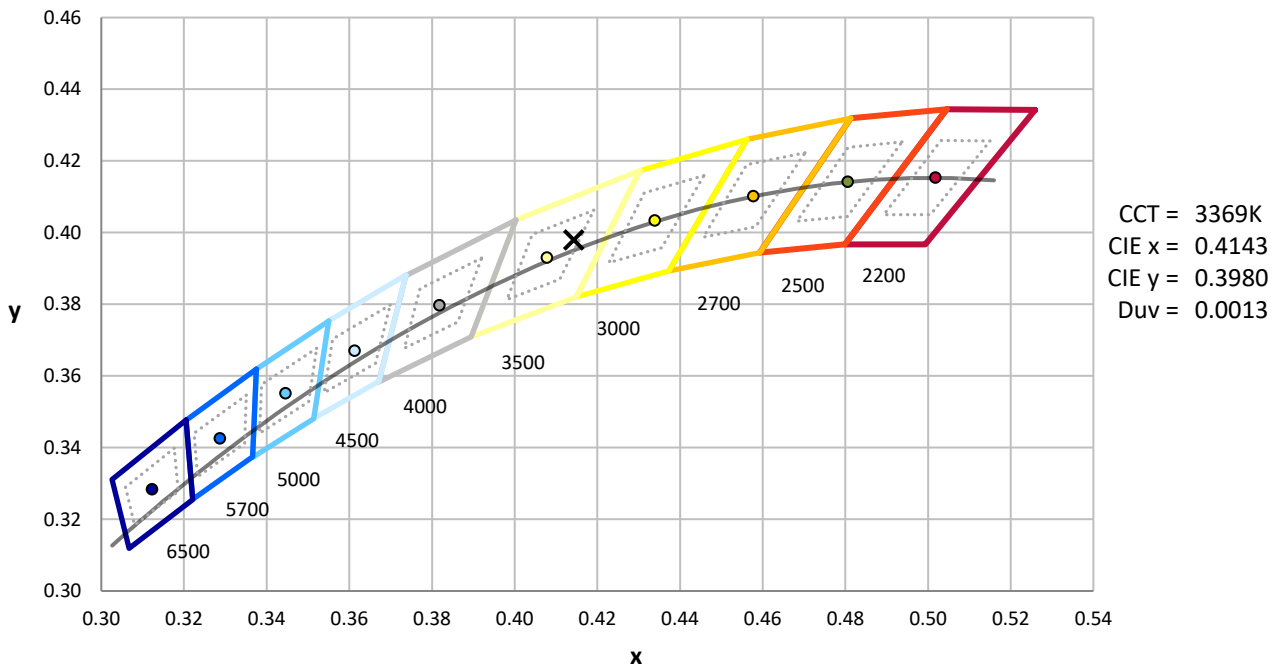
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



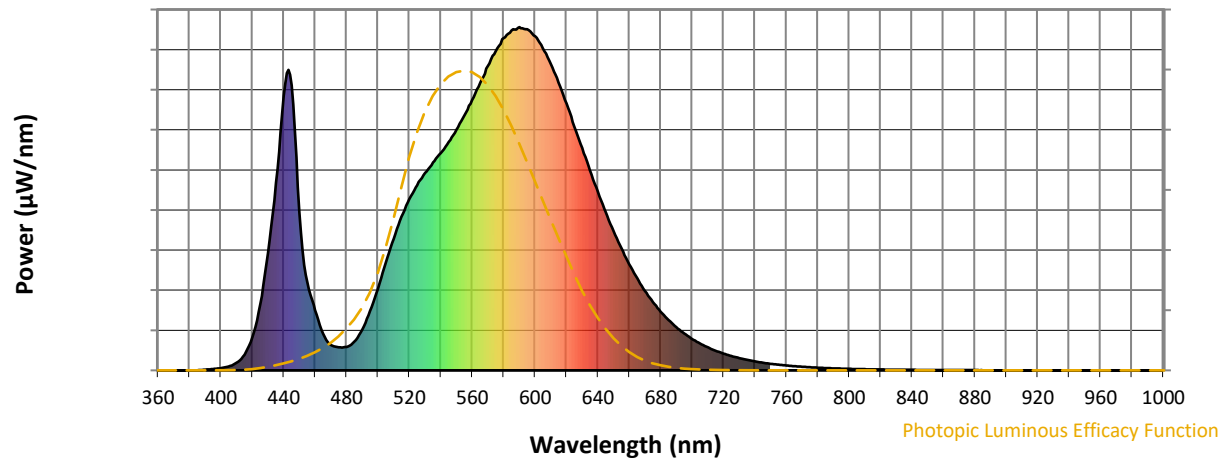
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

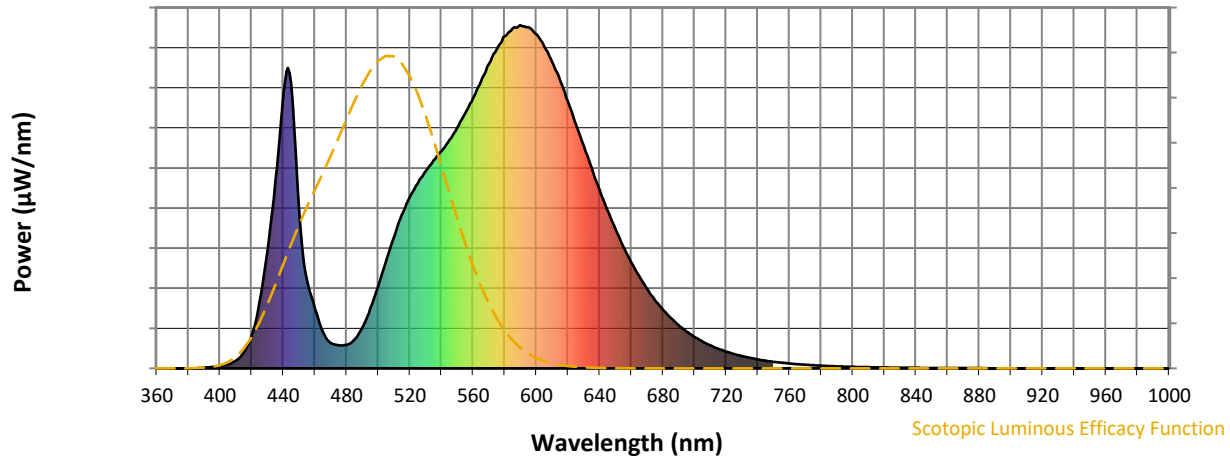


Photopic Lumens: NR

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



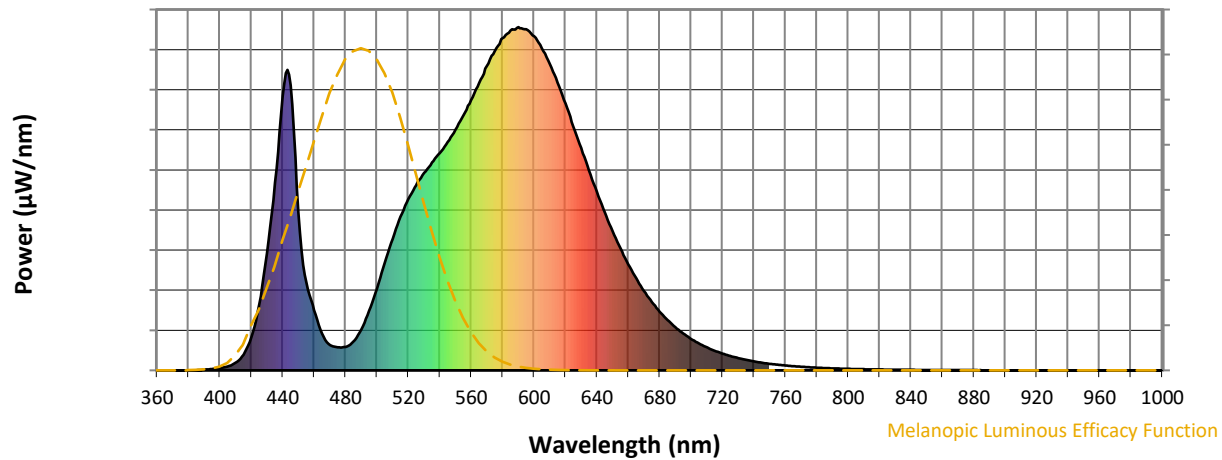
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

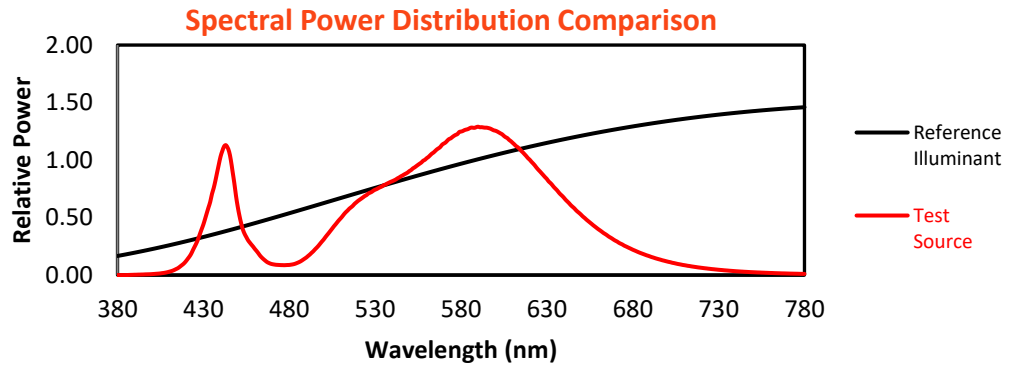
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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

REPORT NUMBER: SP1-2407-184-5

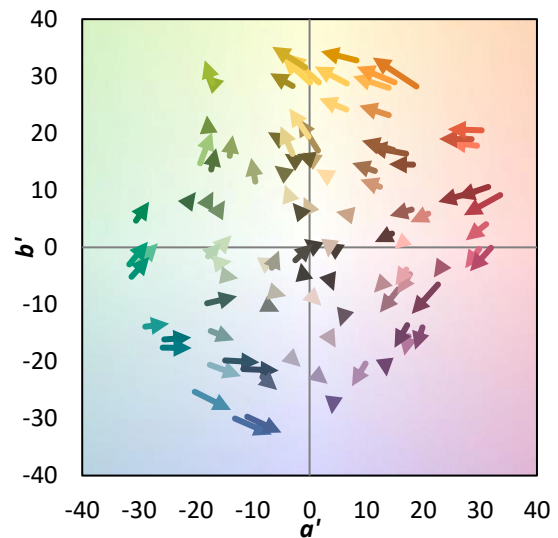
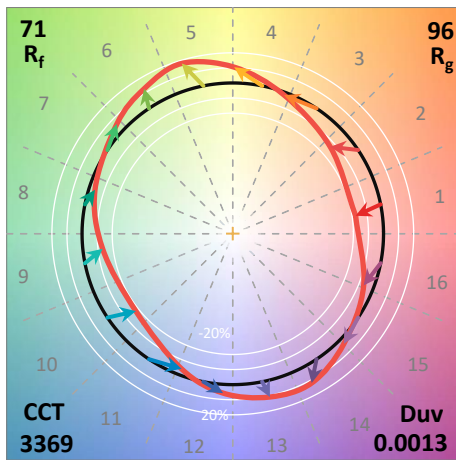
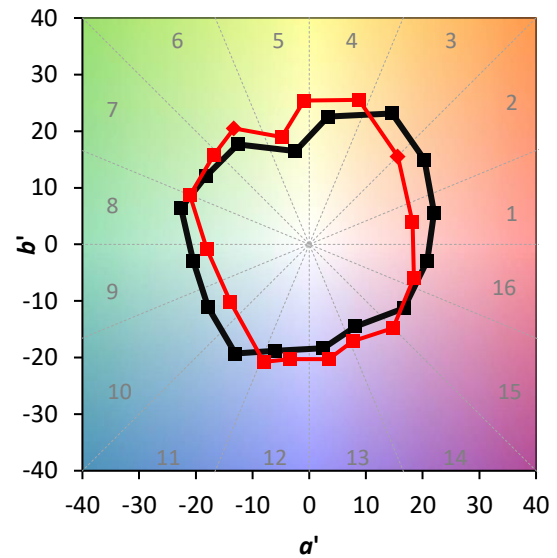
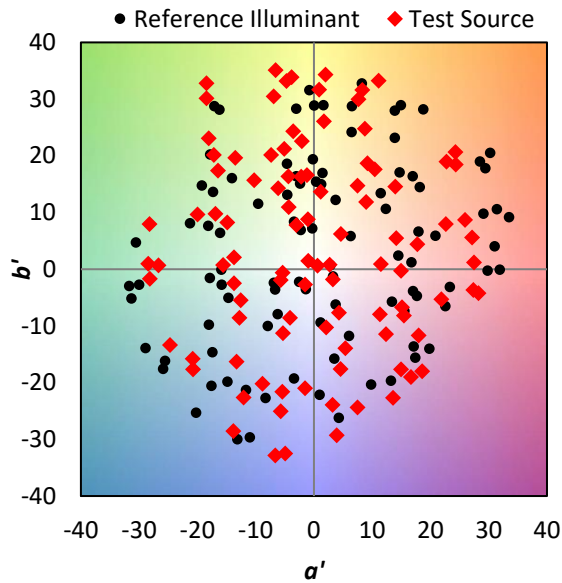
TM-30-18

Summary

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

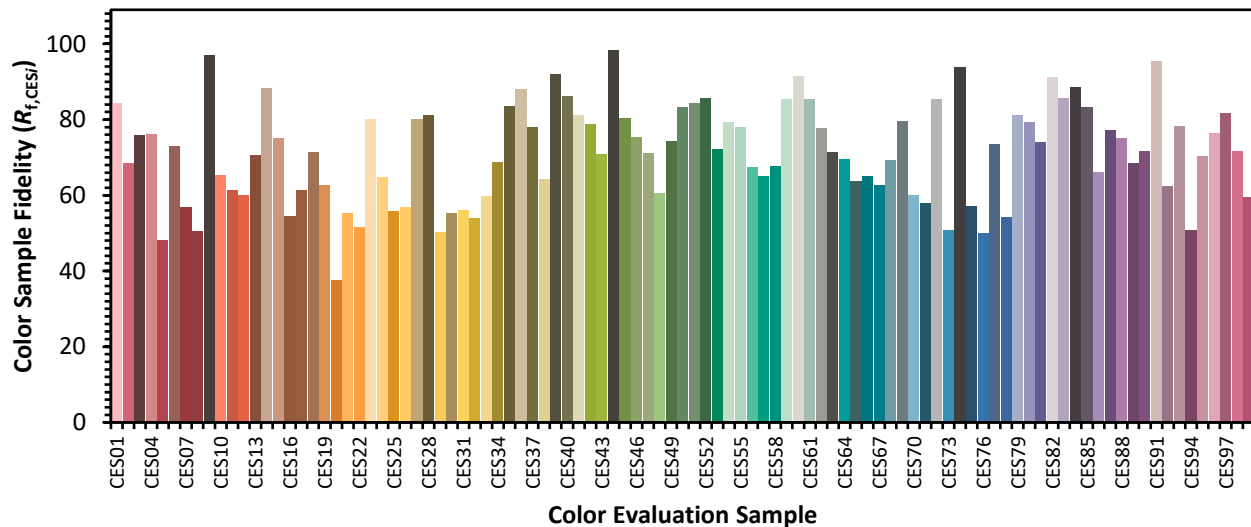


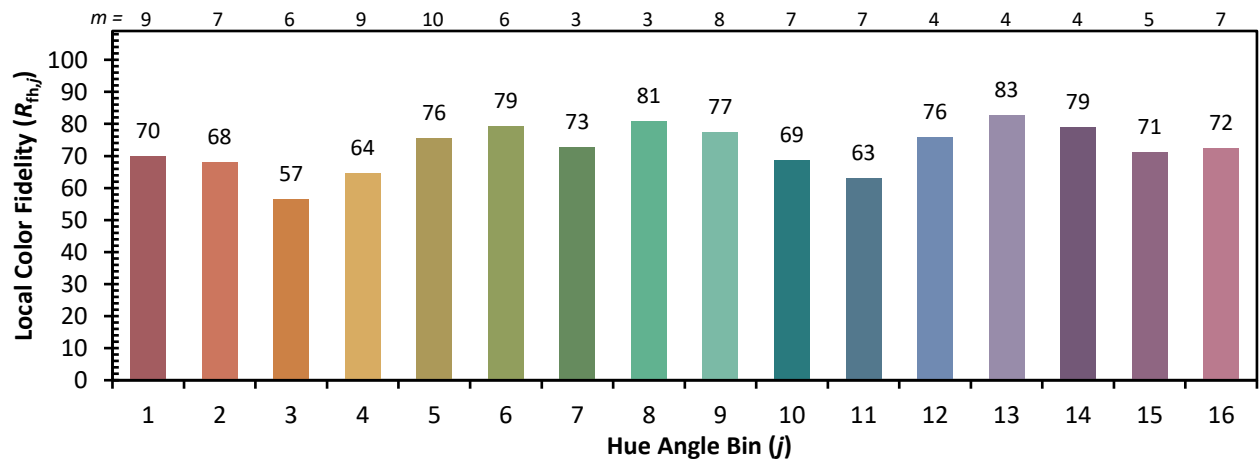
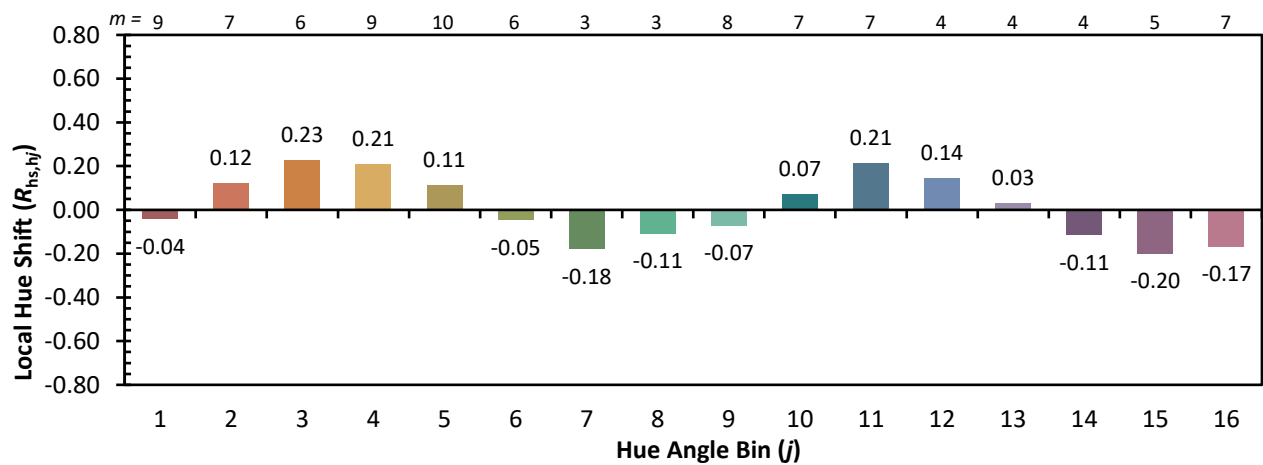
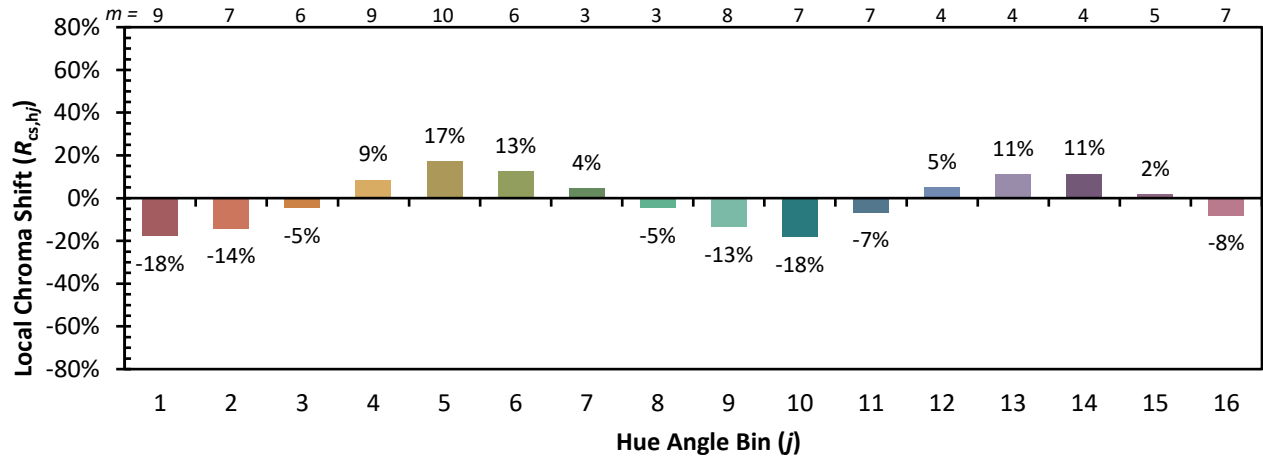
Color Vector Graphics

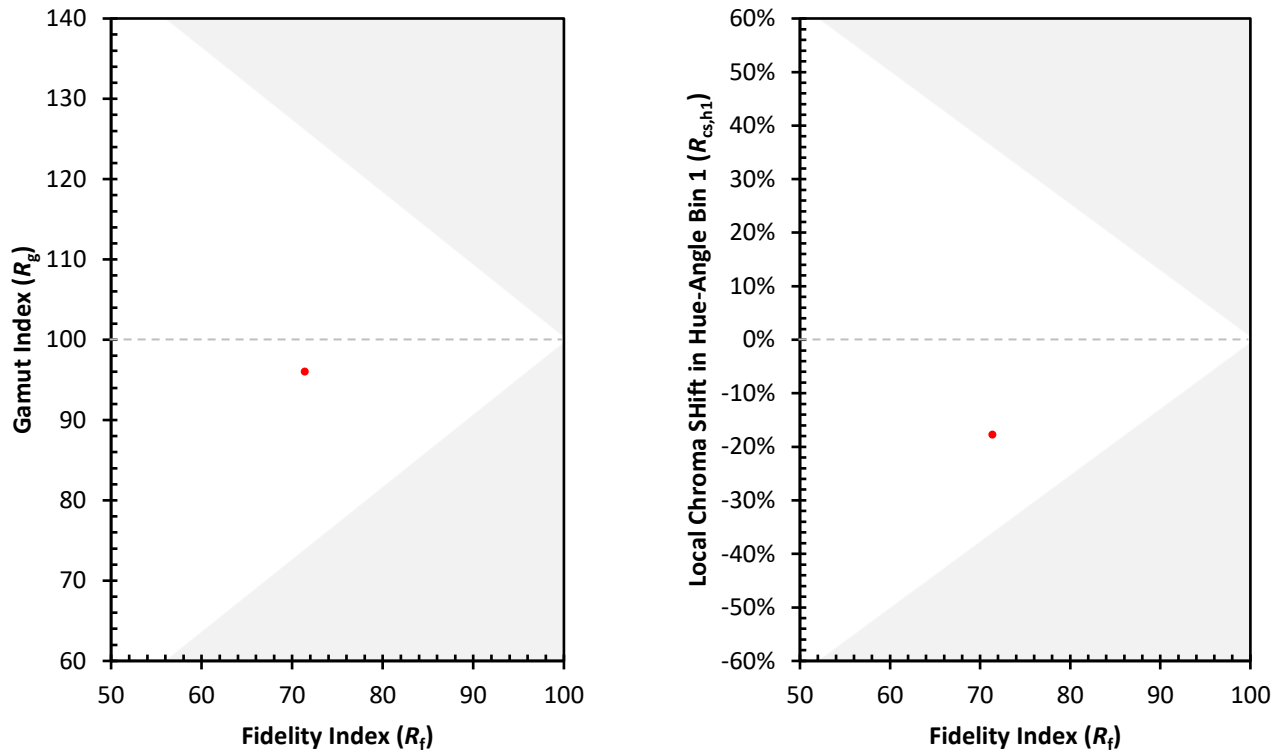


Individual Sample Fidelity Index ($R_{f,i}$)

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)