

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: P991196

Luminaire Tested: **GPC-SA2D-750-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991196
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-750-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11999.8 lumens
Efficiency: N/A
Efficacy: 110.9 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



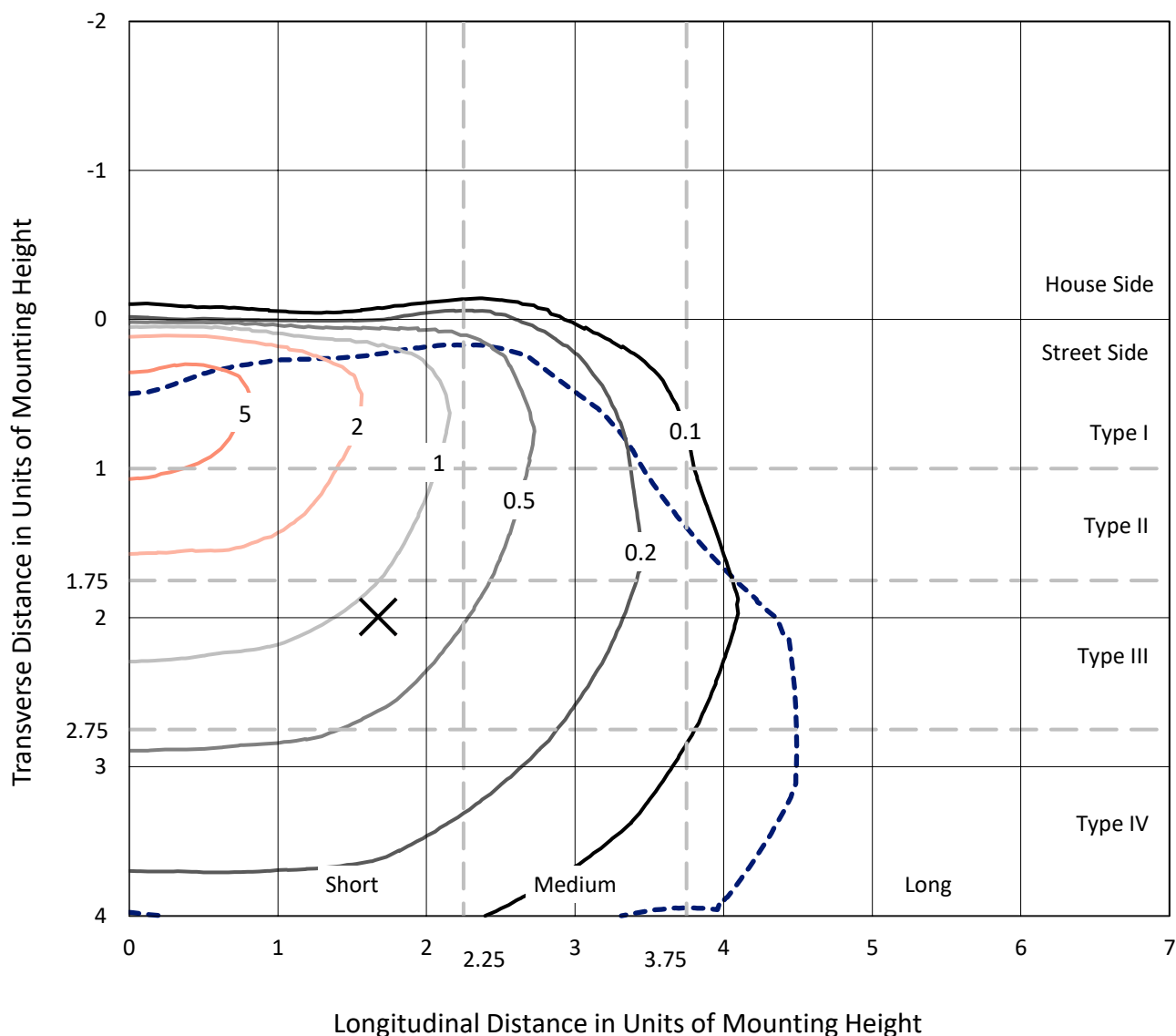
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

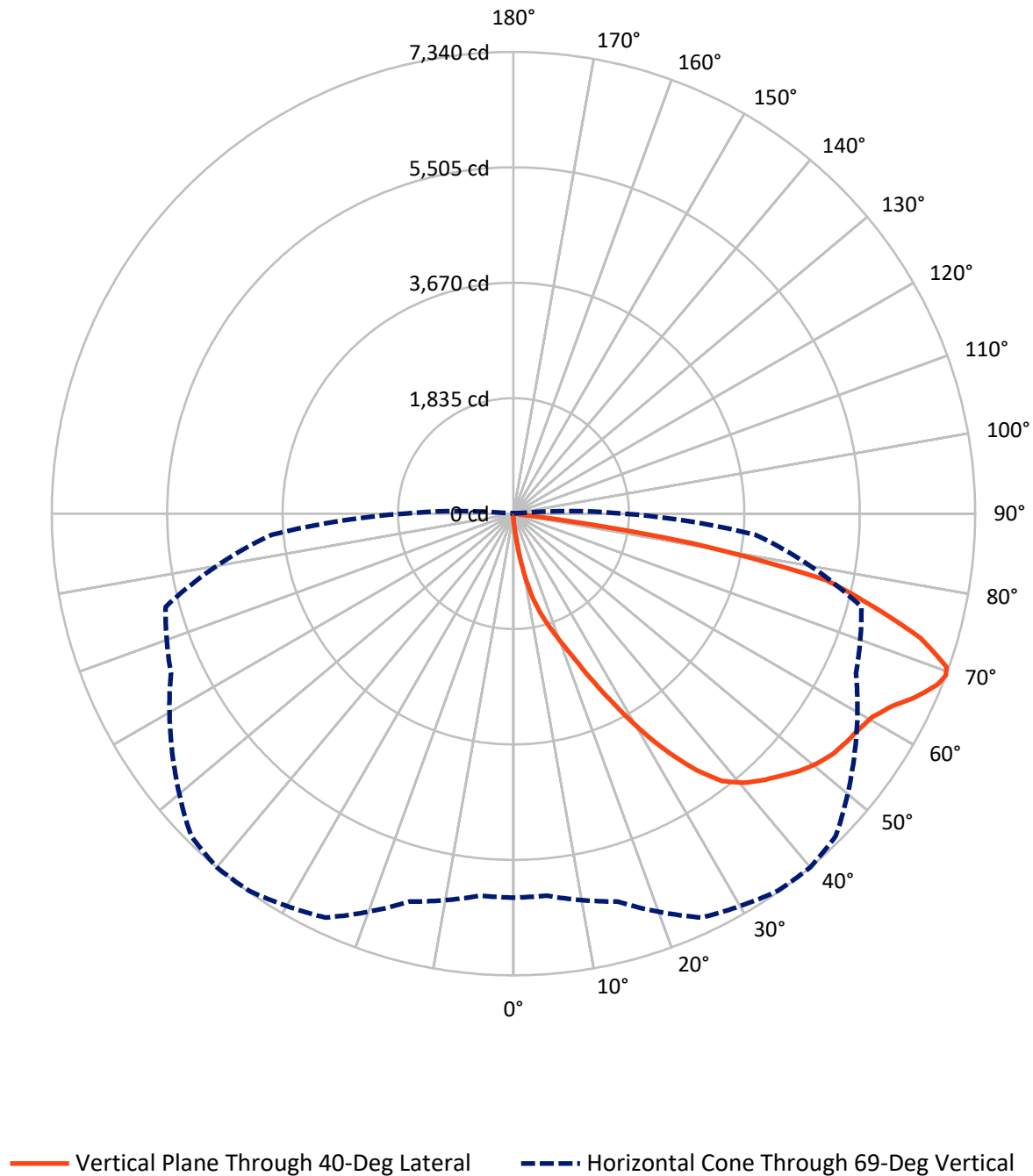


Based on 20 foot mounting height. Maximum calculated value = 7.7 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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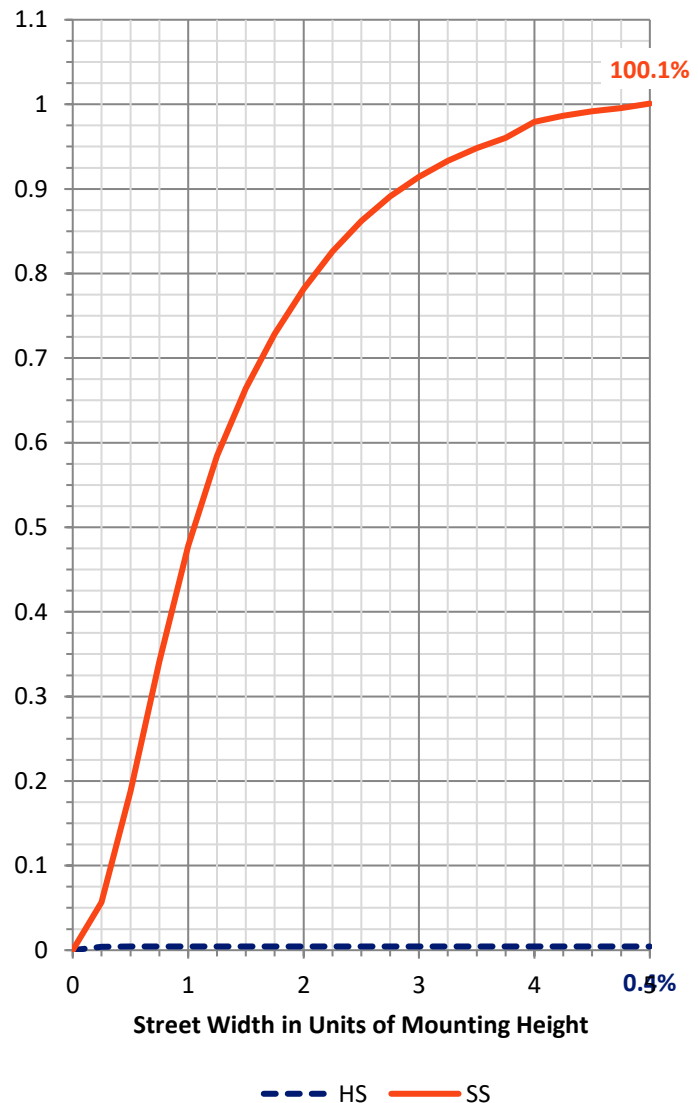
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.6	0.0	52.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11947.2	0.0	11947.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	11999.8	0.0	11999.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	0.2
10°-20°	191.7	1.6
20°-30°	577.2	4.8
30°-40°	1270.9	10.6
40°-50°	1953.0	16.3
50°-60°	2404.9	20.0
60°-70°	3036.2	25.3
70°-80°	2335.4	19.5
80°-90°	205.2	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°	11999.8	100.0
0°-180°	11999.8	100.0



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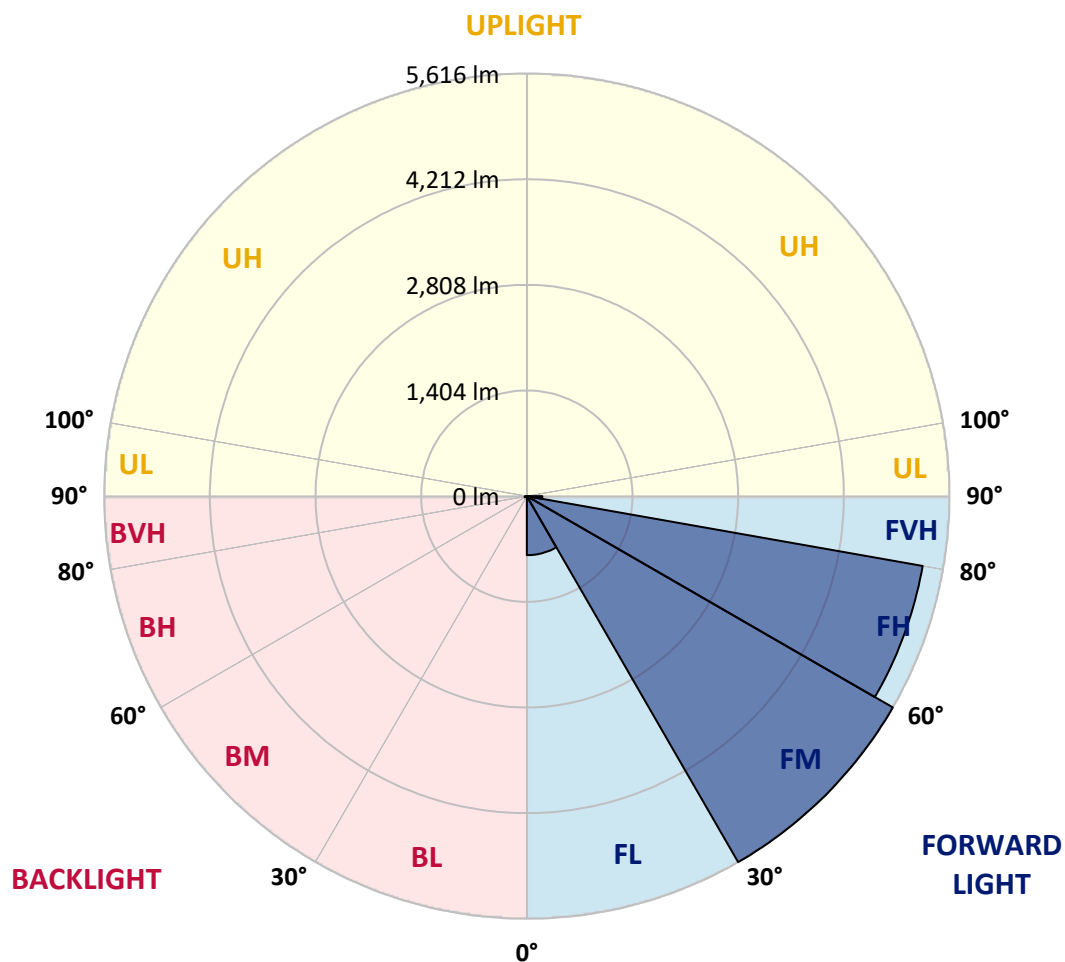
CATALOG NUMBER: GPC-SA2D-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	785.2	6.5			
FM	(30°-60°)	5616.0	46.8			
FH	(60°-80°)	5341.4	44.5			G3/7500
FVH	(80°-90°)	204.6	1.7			G2/225
BL	(0°-30°)	9.0	0.1	B0/110		
BM	(30°-60°)	12.9	0.1	B0/220		
BH	(60°-80°)	30.2	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



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CATALOG NUMBER: GPC-SA2D-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2.5°	195.8	193.6	184.6	173.3	164.3	157.6	148.6	135.0	121.5	105.8	94.5
5°	513.2	510.9	474.9	429.9	369.1	328.6	288.1	222.8	168.8	130.5	99.0
7.5°	949.8	943.1	909.3	839.6	711.3	641.5	567.2	398.4	258.8	162.1	105.8
10°	1382.0	1377.5	1334.7	1233.4	1093.9	1024.1	925.1	679.7	407.4	211.6	114.8
12.5°	1636.3	1647.6	1616.1	1568.8	1449.5	1384.2	1271.7	988.1	625.7	290.4	126.0
15°	1845.7	1850.2	1820.9	1791.6	1726.4	1672.3	1577.8	1316.7	886.8	396.1	139.5
17.5°	2104.5	2097.8	2066.2	2032.5	1960.5	1919.9	1859.2	1620.6	1165.9	546.9	157.6
20°	2433.1	2415.1	2379.1	2320.6	2241.8	2192.3	2129.3	1931.2	1445.0	713.5	180.1
22.5°	2854.0	2831.5	2793.3	2739.2	2599.7	2523.2	2442.1	2196.8	1753.4	925.1	209.3
25°	3340.2	3328.9	3288.4	3211.9	3063.3	2962.1	2831.5	2507.4	2059.5	1150.2	245.3
27.5°	3911.9	3891.6	3837.6	3747.6	3587.8	3455.0	3292.9	2849.5	2352.1	1388.7	290.4
30°	4551.1	4506.1	4395.8	4317.0	4130.2	3999.7	3810.6	3304.2	2653.7	1638.6	337.6
32.5°	5145.3	5086.8	4927.0	4819.0	4645.7	4528.6	4355.3	3763.3	2993.6	1899.7	398.4
35°	5683.3	5620.3	5361.4	5197.1	5109.3	5010.3	4834.7	4287.8	3360.5	2178.8	468.2
37.5°	6137.9	6074.9	5741.8	5483.0	5428.9	5395.2	5253.4	4731.2	3776.9	2493.9	549.2
40°	6392.3	6351.8	6063.7	5771.1	5667.5	5627.0	5523.5	5102.6	4240.5	2809.0	643.7
42.5°	6471.1	6446.3	6212.2	6068.2	5879.1	5798.1	5674.3	5386.2	4638.9	3162.4	751.8
45°	6428.3	6401.3	6230.2	6264.0	6106.4	5948.9	5780.1	5579.7	4974.3	3578.8	886.8
47.5°	6246.0	6237.0	6119.9	6311.3	6293.3	6113.2	5903.9	5708.0	5262.4	3981.7	1055.6
50°	5800.3	5795.8	5849.8	6246.0	6417.0	6248.2	6038.9	5822.8	5492.0	4384.6	1271.7
52.5°	5199.4	5230.9	5503.2	6124.4	6453.1	6354.0	6174.0	5953.4	5681.0	4787.5	1562.1
55°	4882.0	4909.0	5266.9	5991.6	6446.3	6417.0	6311.3	6079.4	5854.3	5118.3	1949.2
57.5°	5122.8	5093.6	5257.9	5973.6	6417.0	6471.1	6410.3	6178.5	6011.9	5410.9	2484.9
60°	5579.7	5570.7	5591.0	6101.9	6477.8	6558.8	6516.1	6246.0	6167.2	5633.8	3074.6
62.5°	6041.2	6016.4	6036.7	6455.3	6689.4	6745.7	6693.9	6356.3	6288.8	5795.8	3713.8
65°	6270.7	6252.7	6347.3	6810.9	6991.0	7029.3	6961.7	6534.1	6309.0	5879.1	4116.7
67.5°	6241.5	6237.0	6457.6	7060.8	7243.1	7265.6	7209.3	6711.9	6223.5	5876.9	4159.5
69°	6104.2	6095.2	6385.5	7085.5	7324.1	7339.9	7247.6	6621.9	6007.4	5726.1	3855.6
70°	5942.1	5951.1	6279.7	7040.5	7326.4	7303.9	7090.0	6493.6	5843.1	5552.7	3468.5
72.5°	5338.9	5395.2	5845.3	6745.7	7018.0	6765.9	6486.8	6072.7	5530.2	4733.4	2421.9
75°	4465.6	4544.4	5125.1	6133.4	6034.4	5908.4	5874.6	5559.5	5010.3	3144.4	1721.9
77.5°	2183.3	2444.4	3637.3	4710.9	4951.8	5080.1	5032.8	4596.1	4026.7	1544.1	1123.2
80°	114.8	119.3	191.3	450.2	2293.6	2917.0	3587.8	3509.0	3047.6	704.5	592.0
82.5°	60.8	60.8	67.5	78.8	92.3	110.3	292.6	2010.0	1811.9	362.4	220.6
85°	33.8	33.8	40.5	54.0	69.8	81.0	92.3	121.5	389.4	130.5	36.0
87.5°	15.8	20.3	27.0	38.3	49.5	63.0	72.0	90.0	114.8	110.3	6.8
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-SA2D-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2.5°	87.8	83.3	76.5	72.0	69.8	65.3	60.8	58.5	56.3	54.0	56.3
5°	87.8	81.0	69.8	63.0	58.5	51.8	47.3	45.0	42.8	40.5	40.5
7.5°	87.8	76.5	63.0	54.0	47.3	42.8	36.0	33.8	31.5	29.3	29.3
10°	90.0	72.0	56.3	47.3	40.5	33.8	29.3	24.8	22.5	22.5	22.5
12.5°	90.0	67.5	49.5	40.5	33.8	27.0	20.3	15.8	13.5	13.5	13.5
15°	90.0	63.0	45.0	33.8	27.0	20.3	11.3	6.8	4.5	4.5	2.3
17.5°	92.3	60.8	40.5	29.3	20.3	11.3	2.3	0.0	0.0	0.0	0.0
20°	96.8	58.5	36.0	24.8	13.5	4.5	0.0	0.0	0.0	0.0	0.0
22.5°	101.3	56.3	31.5	18.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0
25°	110.3	56.3	29.3	15.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	119.3	56.3	22.5	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	126.0	56.3	20.3	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	135.0	56.3	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	141.8	54.0	13.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	148.6	51.8	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	157.6	49.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	166.6	45.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	177.8	42.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	193.6	40.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	216.1	40.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	254.3	40.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	317.4	40.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	427.7	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	643.7	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	994.9	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1521.5	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1928.9	65.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1742.1	60.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1476.5	47.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	821.5	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	427.7	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	182.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	54.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.0	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	4.5	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	2.3	2.3	2.3	2.3	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

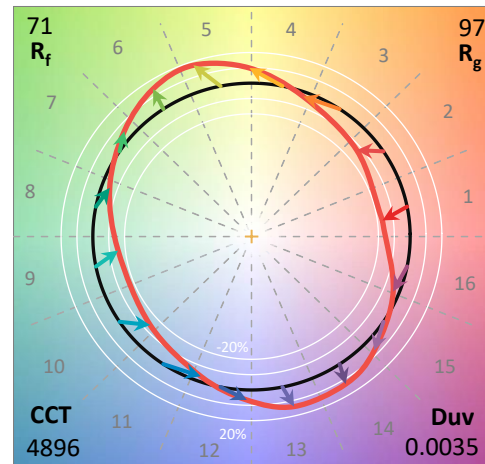
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

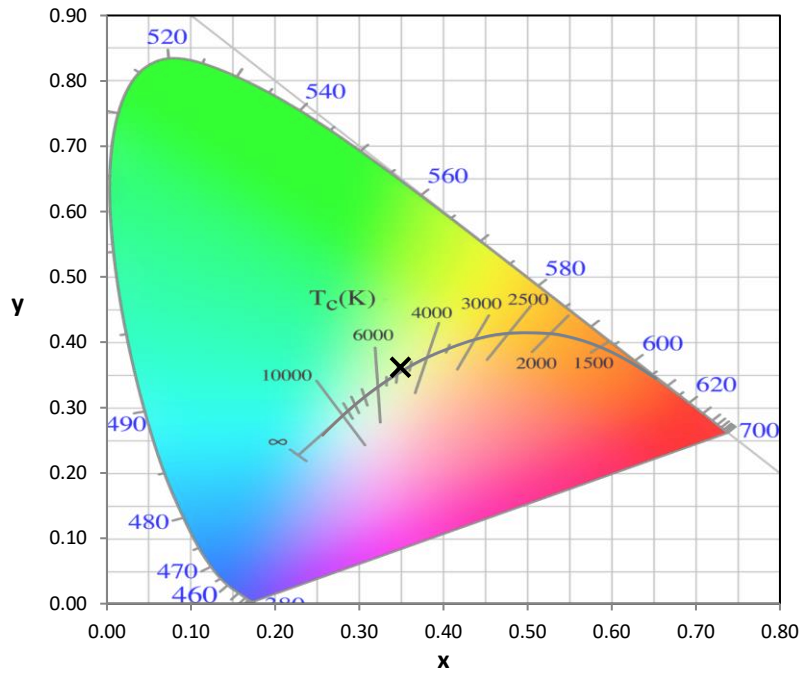
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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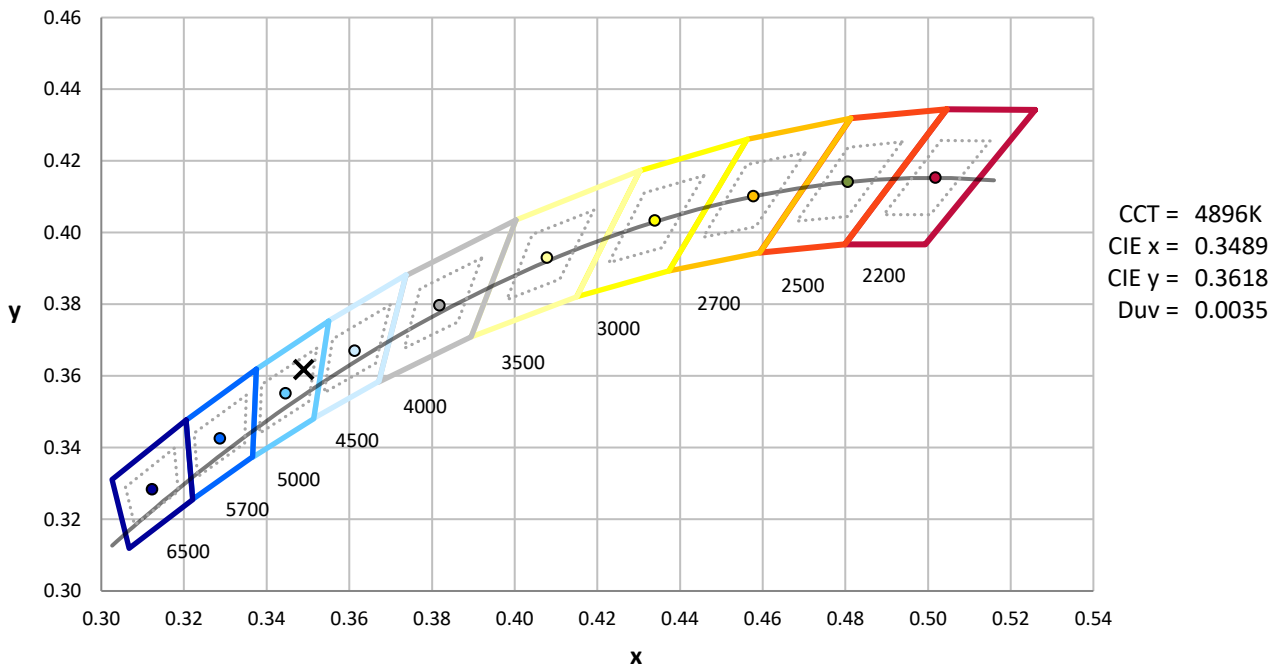
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



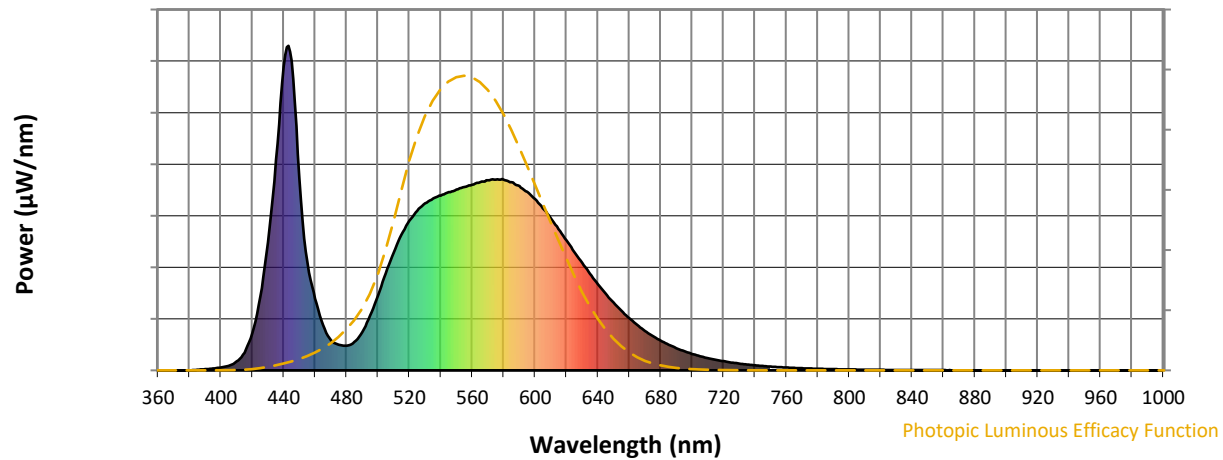
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

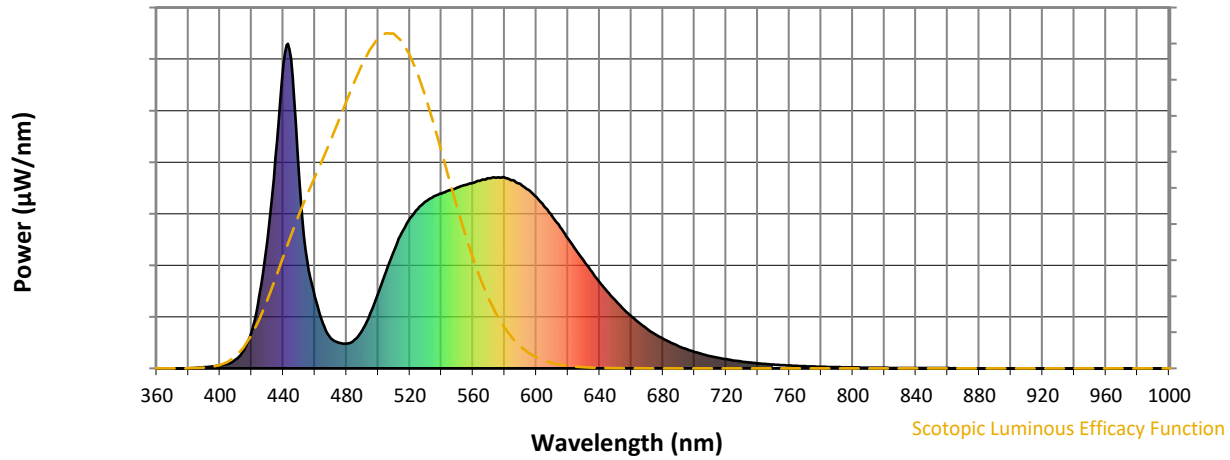


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



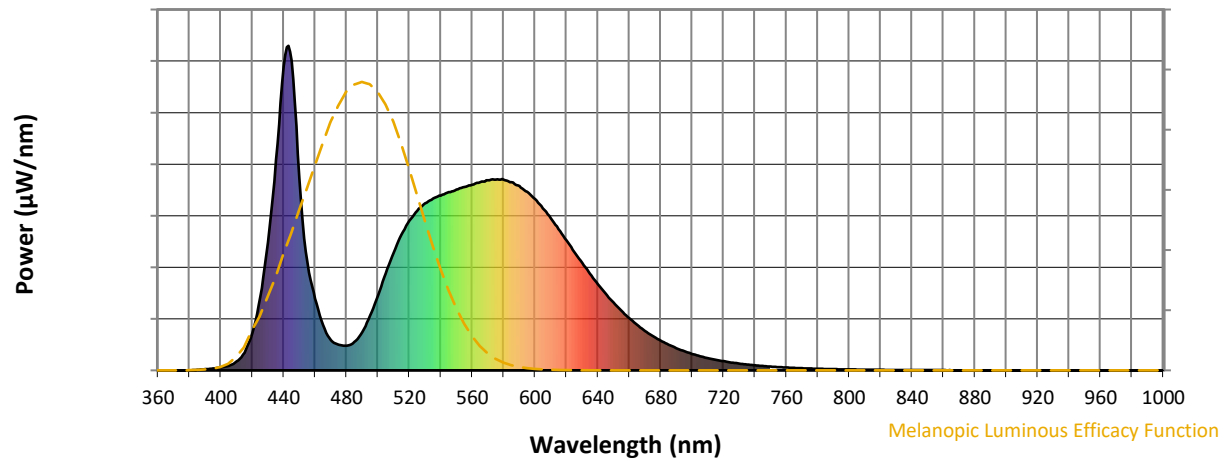
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

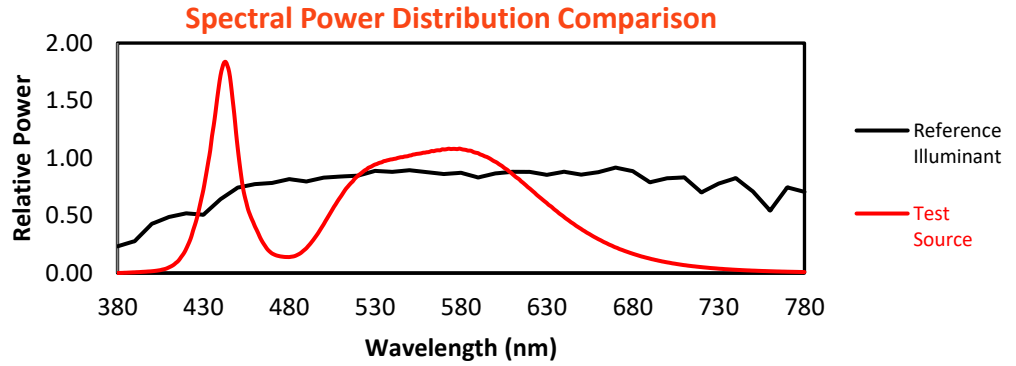
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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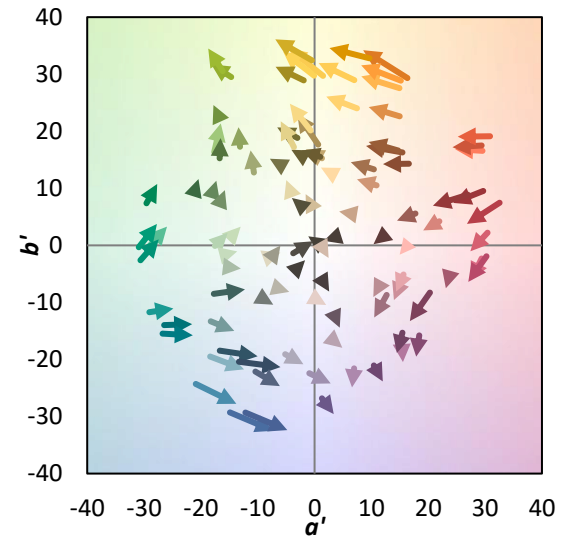
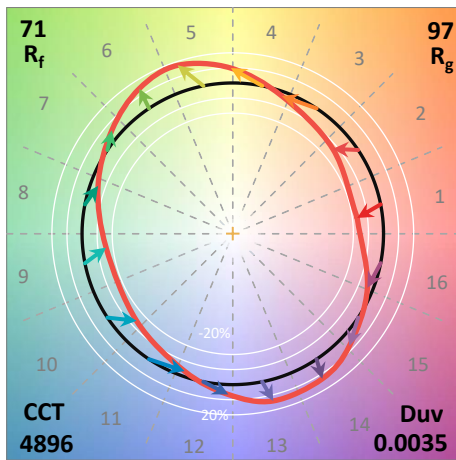
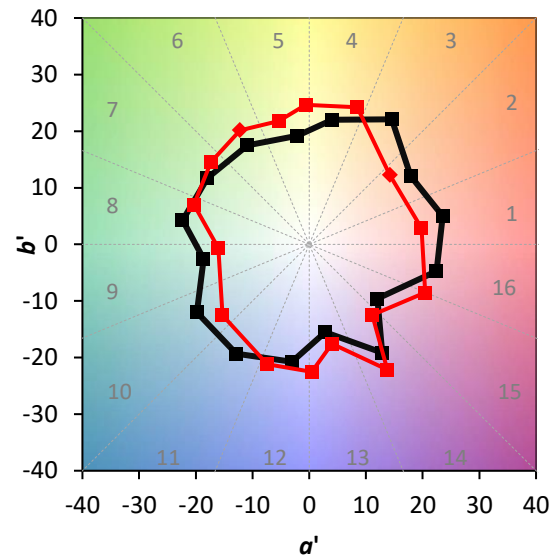
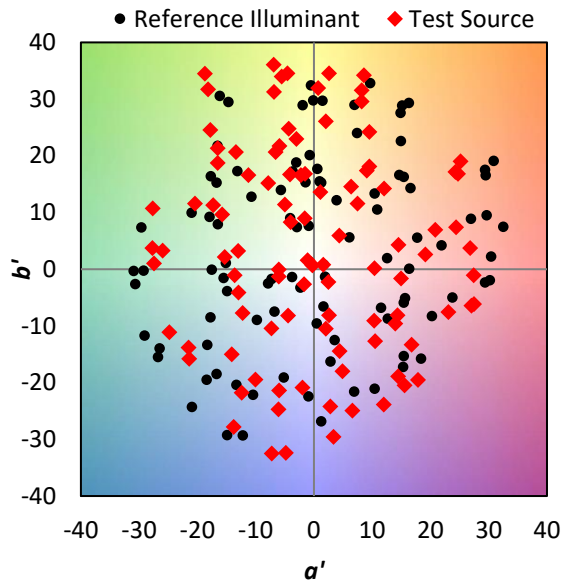
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

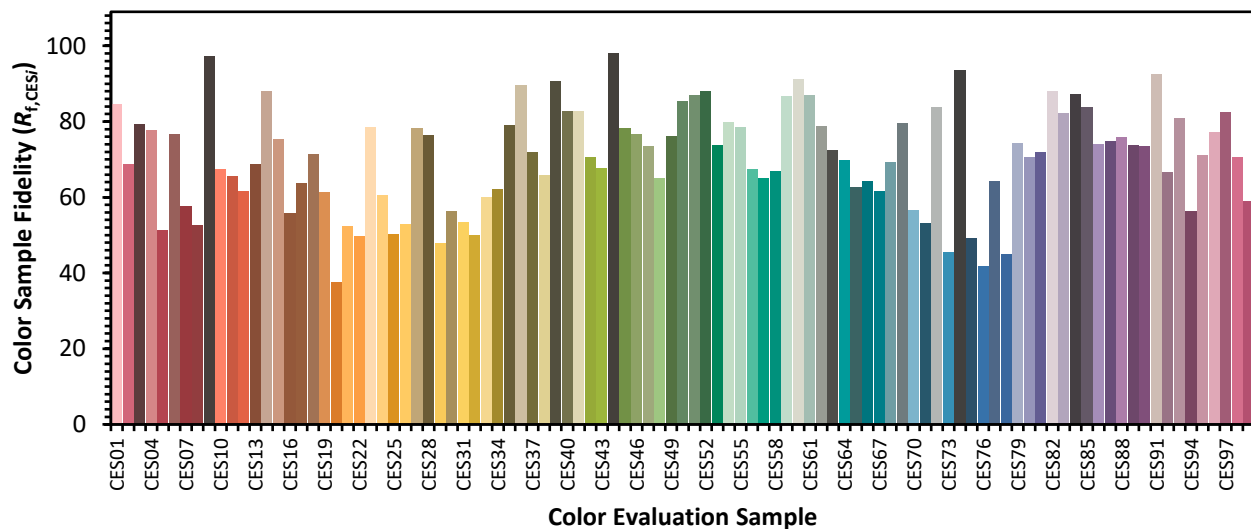


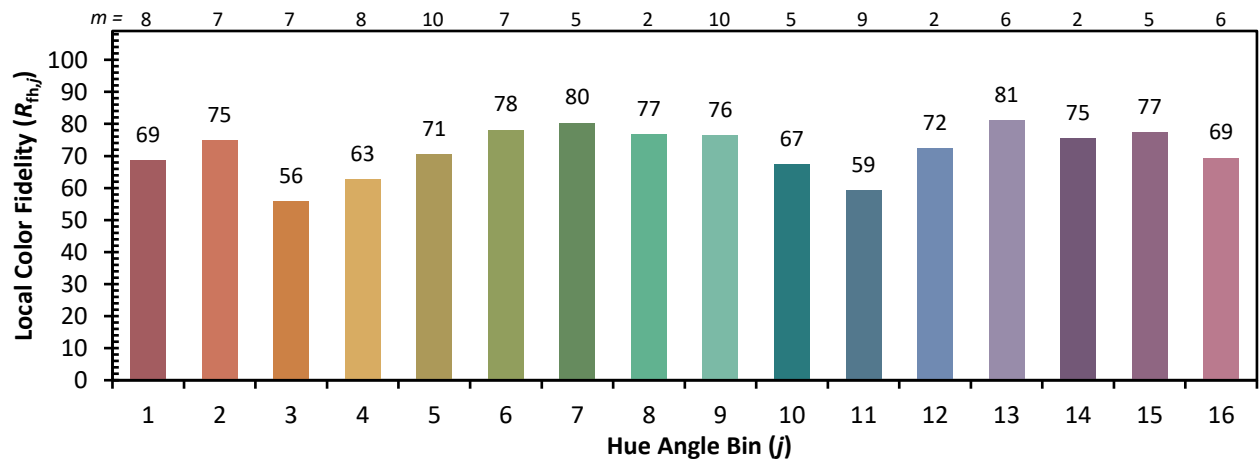
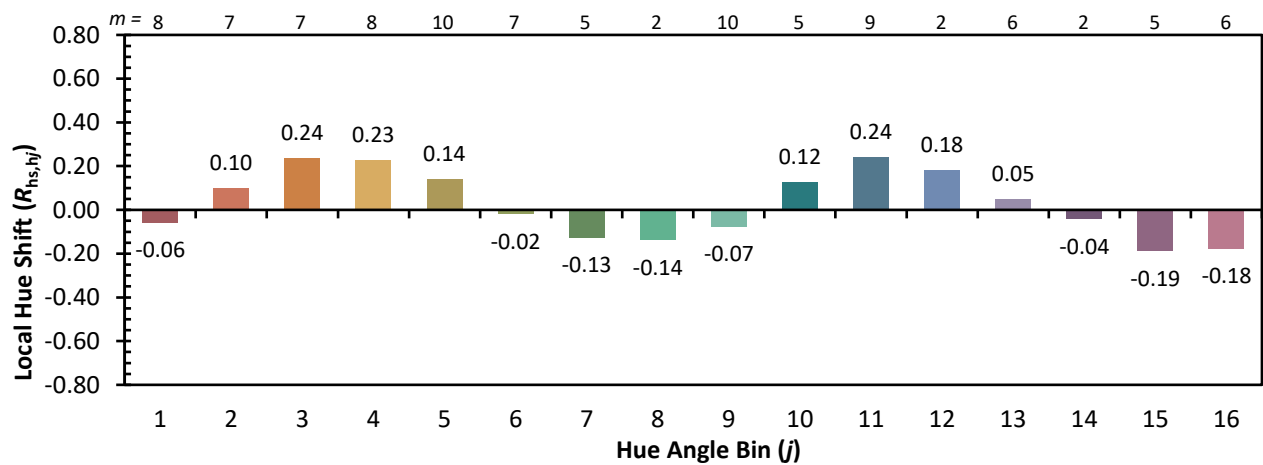
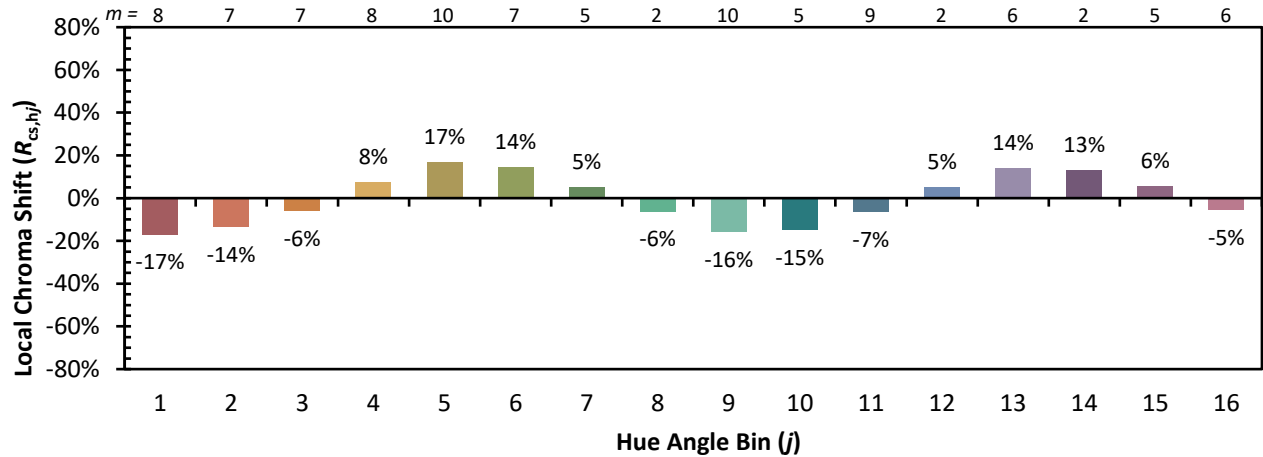
Color Vector Graphics



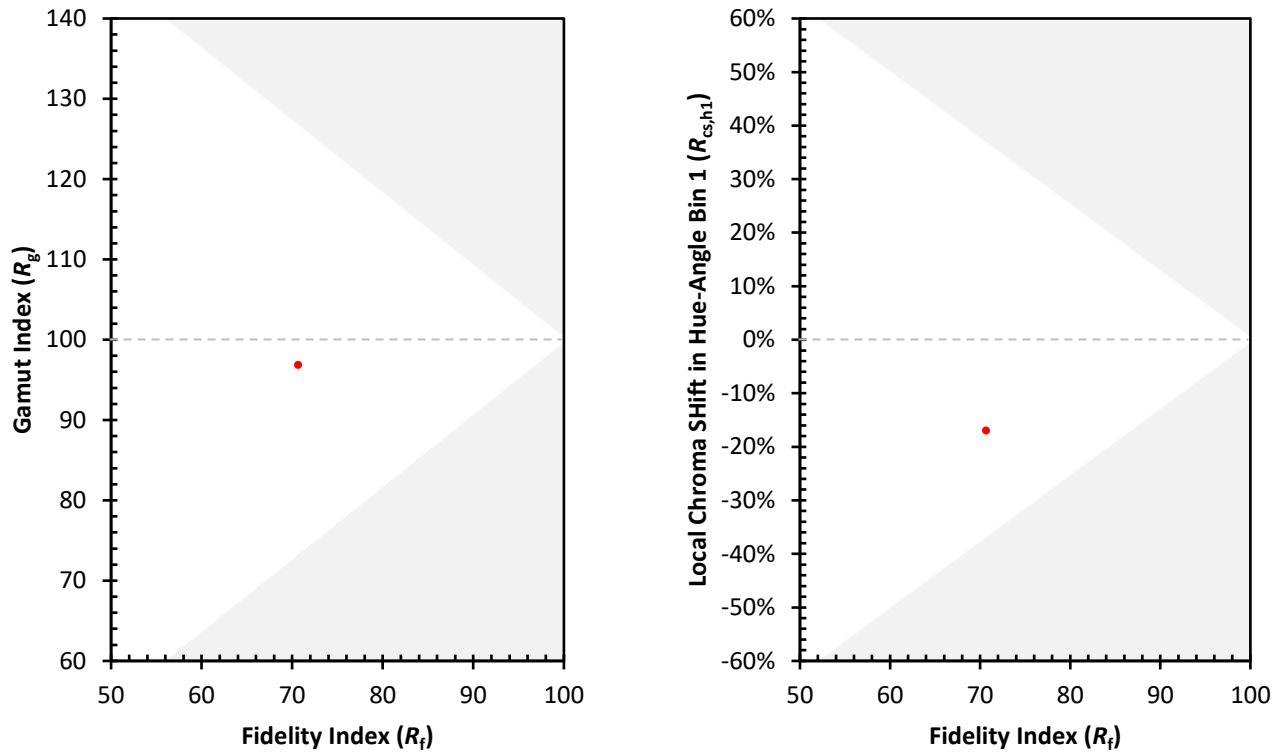
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)