

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: P1048426

Luminaire Tested: **GALN-SA3B-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048426
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14319.8 lumens
Efficiency: N/A
Efficacy: 134.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 106.2
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

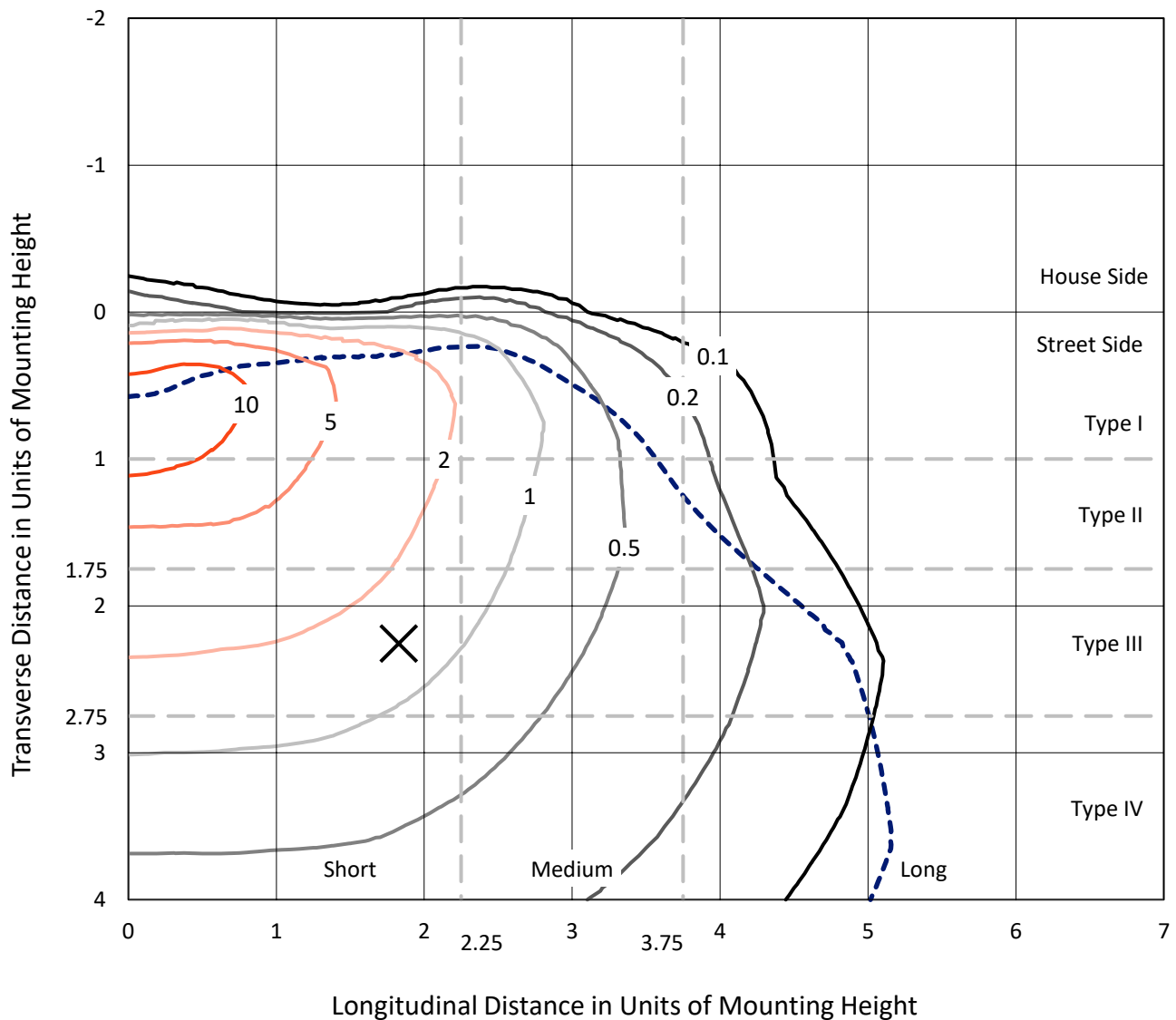


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

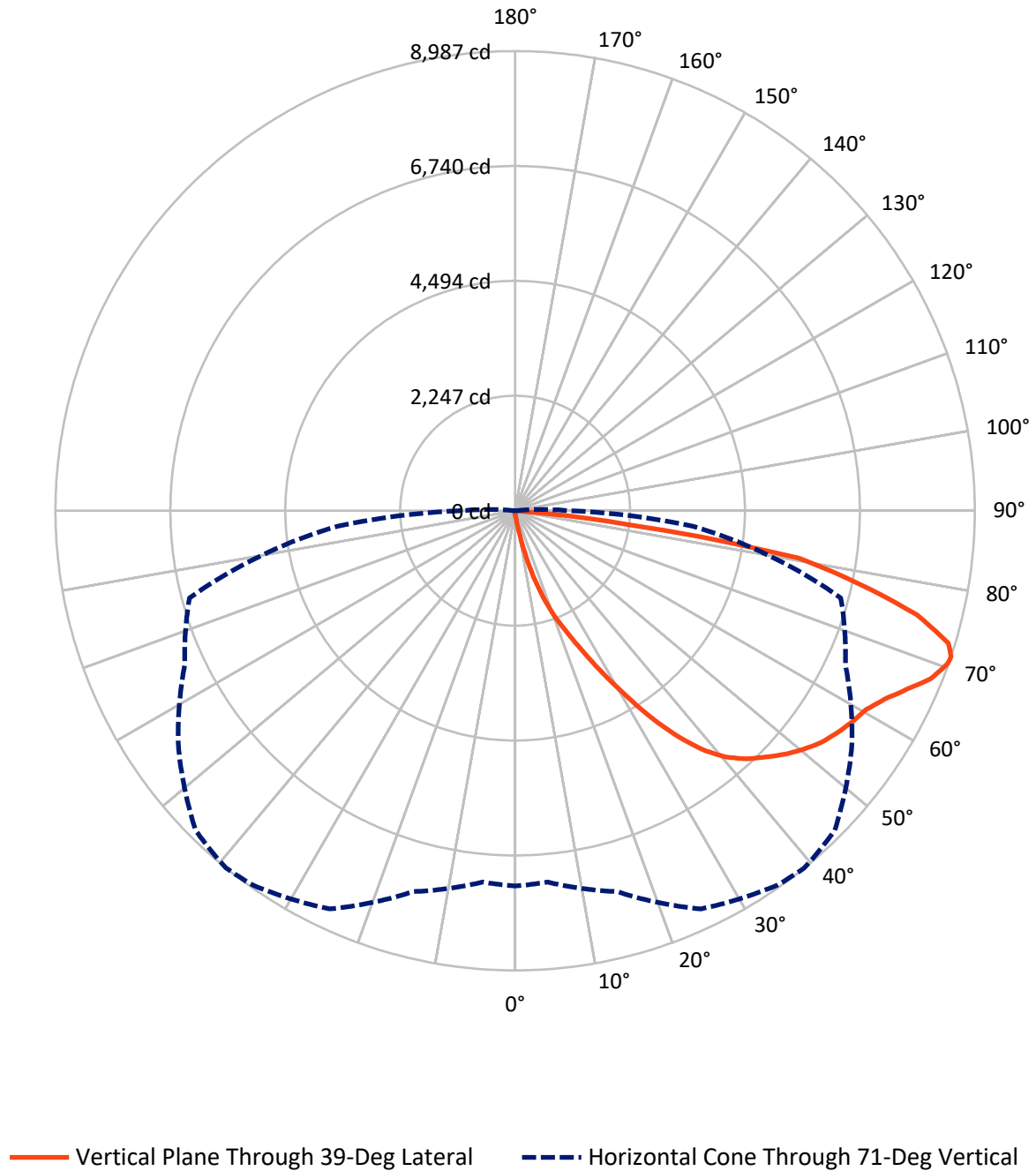


Based on 15 foot mounting height. Maximum calculated value = 14.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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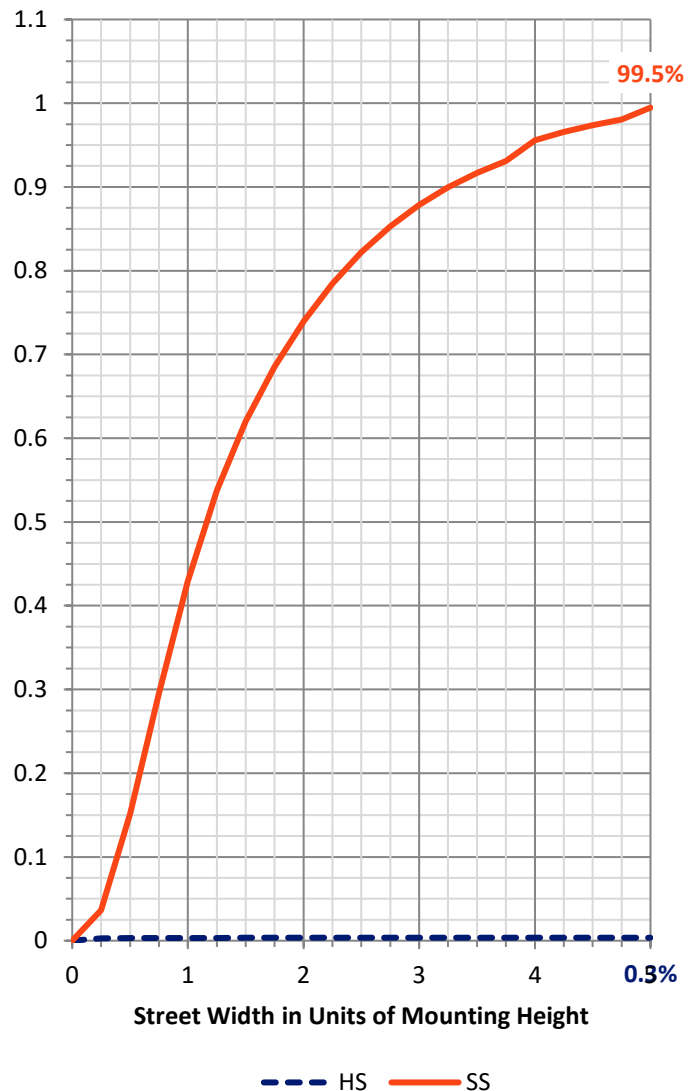
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.9	0.0	50.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14268.9	0.0	14268.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	14319.8	0.0	14319.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	153.0	1.1
20°-30°	545.0	3.8
30°-40°	1313.6	9.2
40°-50°	2198.4	15.4
50°-60°	2823.6	19.7
60°-70°	3573.3	25.0
70°-80°	3185.8	22.2
80°-90°	515.0	3.6
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°	14319.8	100.0
0°-180°	14319.8	100.0



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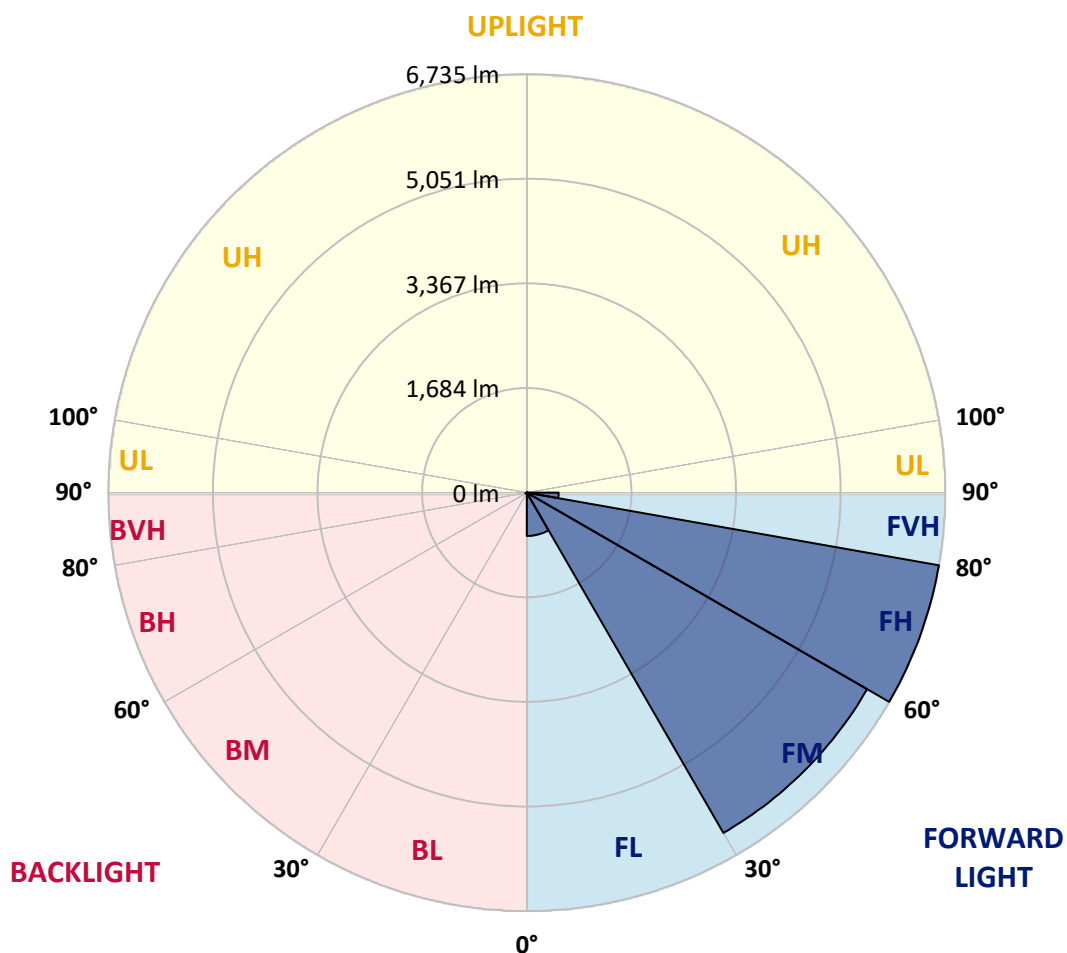
CATALOG NUMBER: GALN-SA3B-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	697.8	4.9			
FM	(30°-60°)	6323.9	44.2			
FH	(60°-80°)	6734.6	47.0			G3/7500
FVH	(80°-90°)	512.6	3.6			G4/750
BL	(0°-30°)	12.3	0.1	B0/110		
BM	(30°-60°)	11.8	0.1	B0/220		
BH	(60°-80°)	24.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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-G4

Type IV Short



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CATALOG NUMBER: GALN-SA3B-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
2.5°	90.2	90.2	90.2	87.2	87.2	86.3	85.3	85.3	83.4	82.4	80.5
5°	136.7	133.8	127.0	123.1	115.4	110.5	105.7	98.9	92.1	87.2	81.4
7.5°	309.2	316.0	293.7	252.0	209.4	191.0	159.9	128.9	106.6	92.1	82.4
10°	788.1	784.2	708.6	625.2	482.7	425.6	333.5	210.4	137.7	100.8	83.4
12.5°	1340.6	1336.8	1247.6	1134.2	946.1	826.9	652.4	392.6	197.8	114.4	83.4
15°	1805.0	1789.5	1761.4	1648.9	1428.9	1329.0	1098.3	694.1	319.9	137.7	85.3
17.5°	2112.3	2098.7	2072.5	2031.8	1892.2	1774.0	1588.8	1090.5	517.6	178.4	89.2
20°	2394.4	2384.7	2363.3	2355.6	2265.4	2202.4	2049.3	1546.2	806.5	242.3	95.0
22.5°	2782.1	2761.7	2770.5	2723.9	2635.7	2560.1	2466.1	2023.1	1159.4	349.0	105.7
25°	3257.1	3247.4	3223.2	3190.2	3068.1	3002.2	2857.7	2472.9	1553.9	488.6	117.3
27.5°	3831.0	3820.3	3814.5	3738.9	3598.3	3526.6	3325.0	2897.5	1997.9	684.4	132.8
30°	4492.1	4496.9	4459.1	4362.2	4198.4	4097.5	3890.1	3342.4	2452.5	914.1	149.3
32.5°	5176.5	5166.8	5108.6	4994.2	4847.8	4753.8	4490.1	3830.0	2929.4	1217.5	168.7
35°	5914.2	5895.7	5742.6	5611.7	5486.7	5368.4	5128.0	4396.1	3406.4	1557.8	194.8
37.5°	6658.6	6572.4	6265.1	6099.3	6013.0	5916.1	5692.2	5000.0	3880.4	1937.8	226.8
40°	7220.9	7154.0	6789.5	6484.1	6415.3	6332.9	6166.2	5521.6	4384.5	2345.9	265.6
42.5°	7532.0	7495.2	7167.6	6866.1	6704.2	6631.5	6489.0	5977.2	4882.7	2796.6	321.8
45°	7664.8	7607.7	7388.6	7248.0	6990.2	6870.0	6700.3	6321.3	5403.3	3308.5	400.4
47.5°	7624.1	7591.2	7434.1	7485.5	7298.4	7111.3	6862.2	6585.0	5848.2	3895.9	508.0
50°	7368.2	7340.1	7291.6	7569.8	7546.6	7325.6	7071.6	6793.4	6211.8	4501.8	674.7
52.5°	6881.6	6870.0	6994.0	7503.9	7687.1	7514.6	7273.2	6977.6	6551.0	5134.8	913.2
55°	6254.4	6301.9	6656.7	7401.2	7758.9	7654.2	7451.6	7150.1	6823.4	5700.9	1265.0
57.5°	5996.6	6009.2	6452.2	7328.5	7790.9	7777.3	7625.1	7314.9	7073.5	6153.6	1802.1
60°	6298.0	6278.6	6512.3	7383.7	7854.8	7887.8	7779.2	7468.1	7290.7	6542.3	2517.5
62.5°	6842.8	6832.2	6906.8	7619.3	8041.9	8108.8	7993.5	7578.6	7482.6	6798.2	3333.7
65°	7329.4	7307.1	7445.8	8037.1	8370.5	8418.0	8317.2	7767.6	7566.9	6984.3	4100.5
67.5°	7539.8	7534.9	7757.9	8434.5	8715.6	8767.0	8678.8	8028.4	7547.5	7043.5	4438.8
70°	7443.8	7425.4	7782.1	8603.2	8910.5	8968.7	8883.3	8125.3	7337.2	6856.4	3937.6
71°	7338.2	7288.7	7709.4	8591.6	8937.6	8987.1	8837.8	8037.1	7125.9	6590.8	3483.0
72.5°	7010.5	7019.2	7509.7	8470.4	8872.7	8858.1	8579.9	7721.1	6870.9	5987.8	2797.6
75°	6204.0	6255.4	6863.2	7961.5	8293.0	8107.8	7682.3	7117.1	6359.1	4293.4	1942.6
77.5°	5069.8	5146.4	5814.3	6982.4	6888.4	6870.0	6852.5	6270.9	5430.4	2306.1	1351.3
80°	2420.5	2586.3	3507.2	4984.5	5414.9	5623.3	5492.5	5053.3	4199.3	1098.3	807.5
82.5°	158.0	156.1	221.0	418.8	1765.2	2281.9	3625.5	3611.9	2927.5	535.1	329.6
85°	74.6	76.6	84.3	96.0	111.5	122.1	168.7	988.8	1400.7	254.9	71.7
87.5°	43.6	44.6	52.3	66.9	87.2	96.9	115.4	148.3	182.2	140.6	15.5
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: GALN-SA3B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
2.5°	79.5	78.5	75.6	72.7	69.8	67.9	66.9	67.9	67.9	68.8	68.8
5°	79.5	76.6	71.7	65.9	62.0	58.2	56.2	55.3	56.2	56.2	56.2
7.5°	78.5	73.7	66.9	60.1	55.3	50.4	48.5	47.5	47.5	48.5	48.5
10°	76.6	71.7	63.0	55.3	49.4	43.6	40.7	37.8	37.8	37.8	38.8
12.5°	75.6	68.8	58.2	50.4	42.7	35.9	30.1	27.1	28.1	28.1	28.1
15°	73.7	65.9	55.3	45.6	35.9	27.1	22.3	19.4	20.4	21.3	20.4
17.5°	73.7	64.9	51.4	39.7	28.1	20.4	16.5	14.5	14.5	15.5	15.5
20°	73.7	63.0	48.5	33.9	21.3	15.5	11.6	10.7	10.7	12.6	13.6
22.5°	75.6	63.0	44.6	28.1	17.4	11.6	8.7	7.8	8.7	10.7	11.6
25°	78.5	62.0	40.7	25.2	14.5	8.7	6.8	4.8	5.8	7.8	8.7
27.5°	81.4	61.1	36.8	22.3	11.6	6.8	4.8	3.9	2.9	3.9	3.9
30°	84.3	61.1	33.0	18.4	9.7	4.8	2.9	1.9	1.0	0.0	0.0
32.5°	86.3	59.1	30.1	14.5	7.8	3.9	1.9	1.0	0.0	0.0	0.0
35°	88.2	57.2	26.2	11.6	5.8	2.9	1.0	0.0	0.0	0.0	0.0
37.5°	90.2	54.3	22.3	9.7	4.8	1.9	0.0	0.0	0.0	0.0	0.0
40°	92.1	50.4	18.4	8.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	94.0	47.5	15.5	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	98.9	45.6	12.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	107.6	43.6	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	120.2	41.7	10.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	137.7	40.7	9.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	168.7	39.7	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	222.0	38.8	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	340.3	36.8	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	607.8	35.9	7.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1059.5	36.8	7.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1519.0	38.8	6.8	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1299.9	33.9	6.8	3.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0
71°	1059.5	30.1	6.8	3.9	1.9	1.0	1.0	0.0	0.0	0.0	0.0
72.5°	681.5	23.3	5.8	3.9	1.9	1.9	1.0	0.0	0.0	0.0	0.0
75°	287.9	19.4	5.8	3.9	2.9	1.9	1.9	1.0	0.0	0.0	0.0
77.5°	123.1	14.5	5.8	4.8	3.9	2.9	2.9	1.9	1.0	0.0	0.0
80°	46.5	11.6	6.8	5.8	4.8	4.8	3.9	1.9	1.0	0.0	0.0
82.5°	21.3	9.7	6.8	5.8	5.8	4.8	3.9	2.9	1.9	0.0	0.0
85°	13.6	8.7	6.8	5.8	5.8	4.8	4.8	2.9	1.9	0.0	0.0
87.5°	10.7	8.7	6.8	6.8	5.8	5.8	3.9	2.9	1.0	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

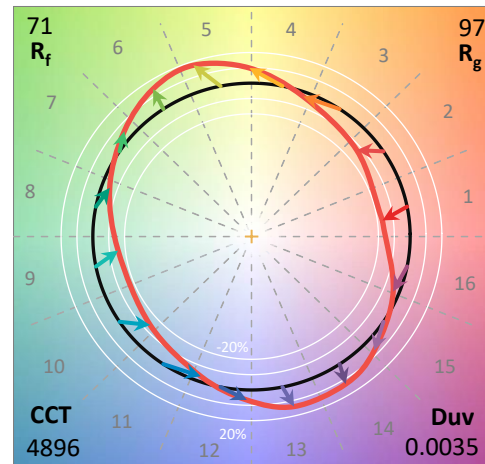
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

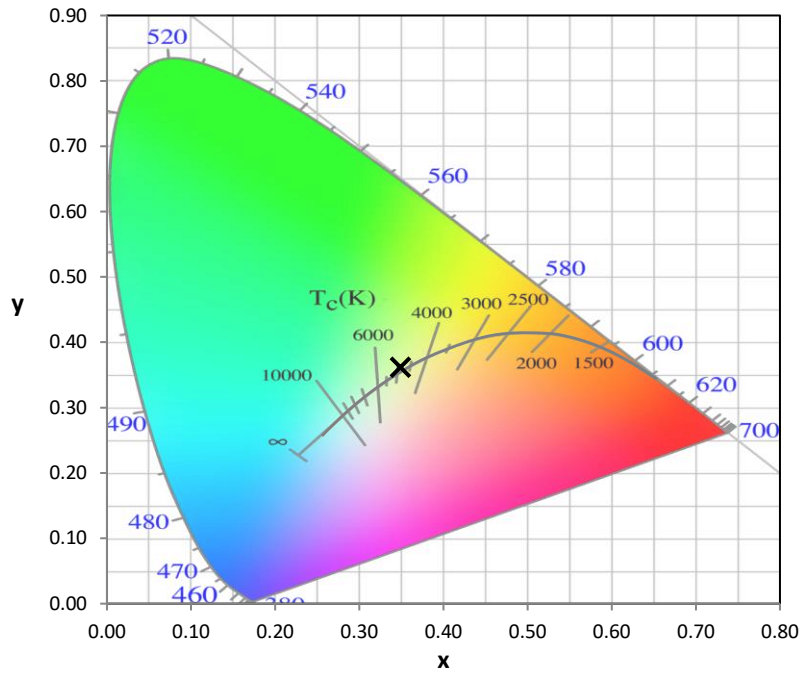
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

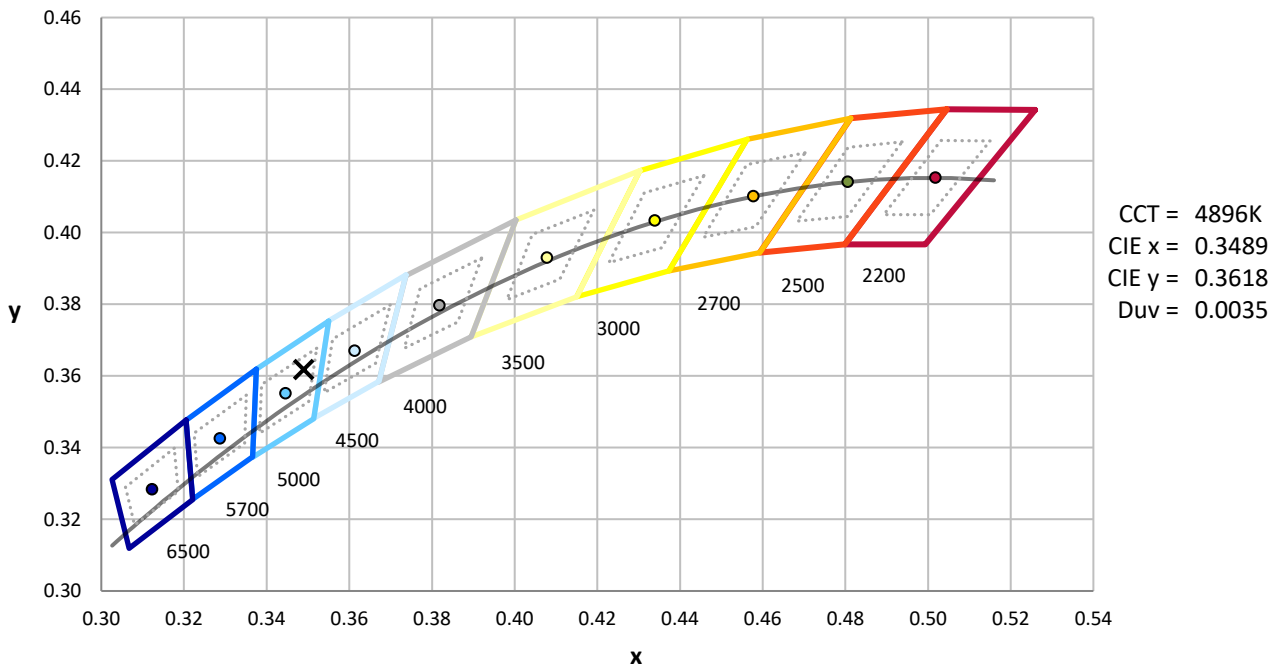
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



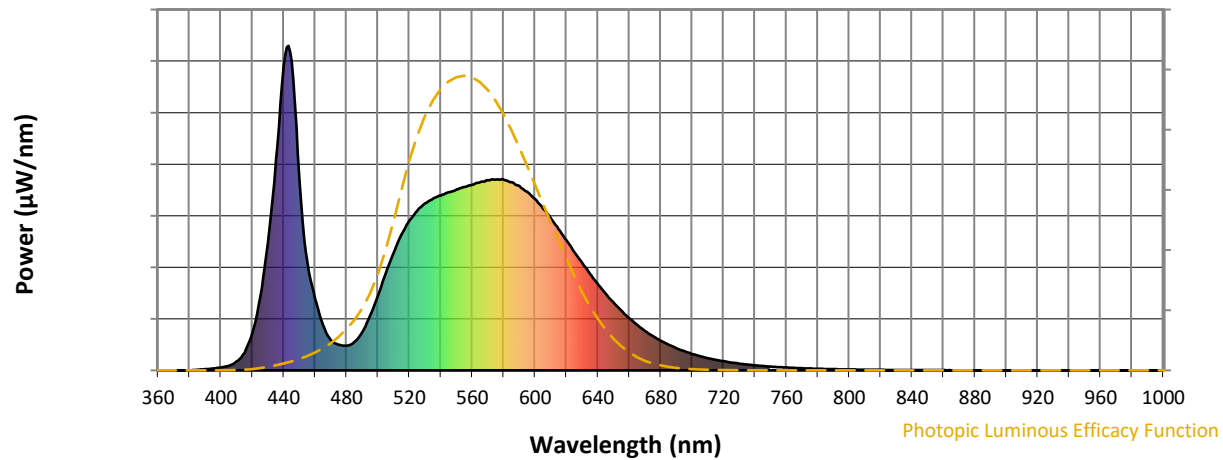
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

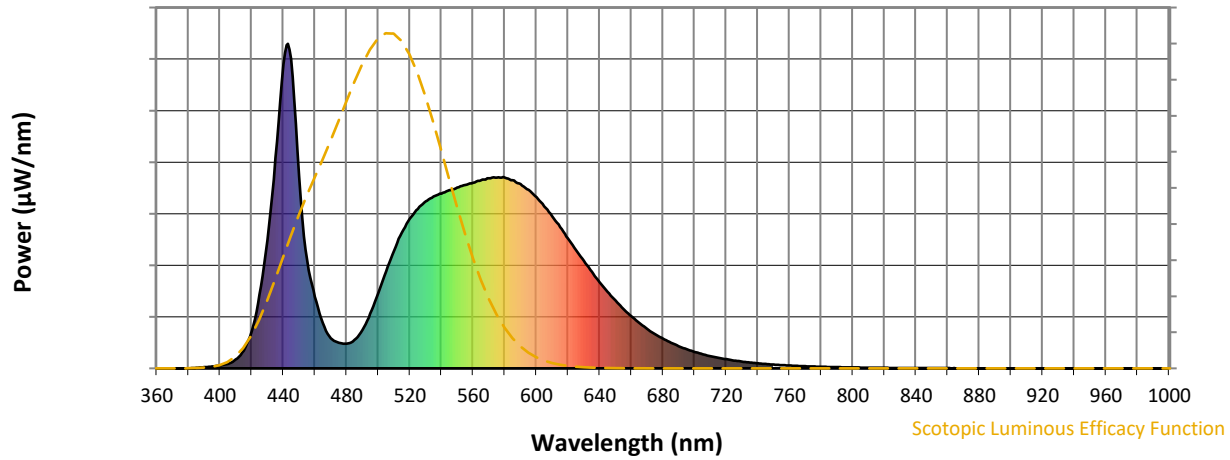


Photopic Lumens: NR

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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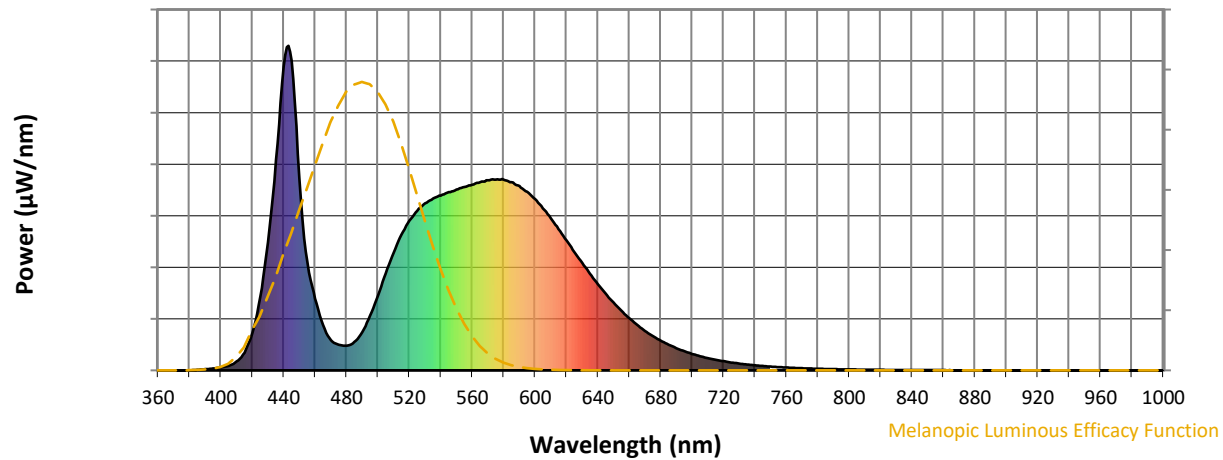
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.7

λ (nm)	Power W ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

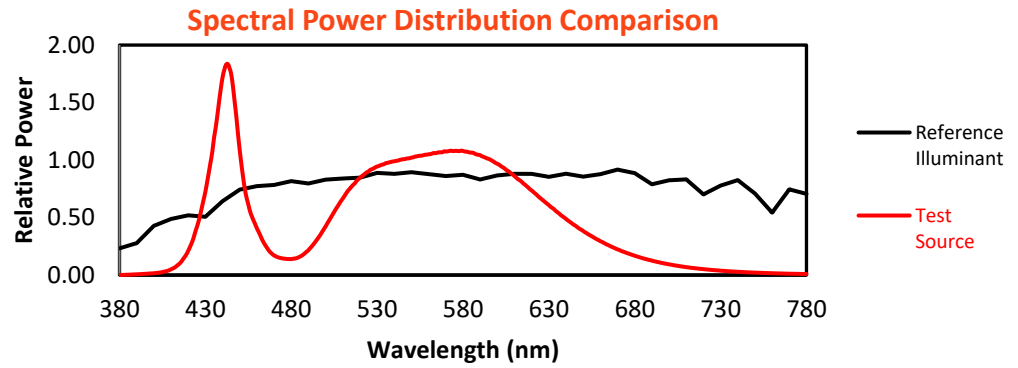
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	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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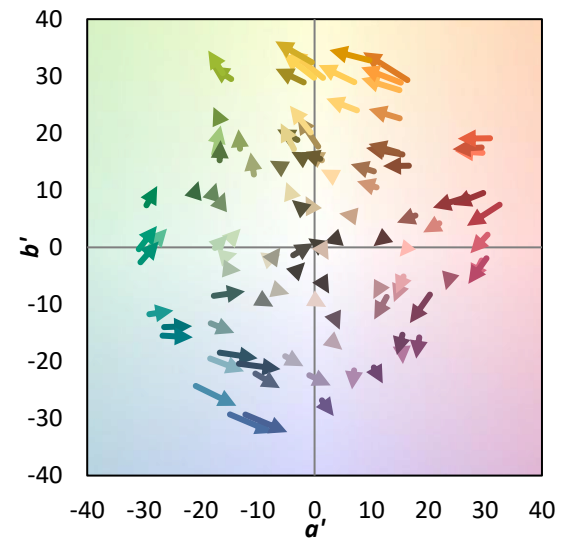
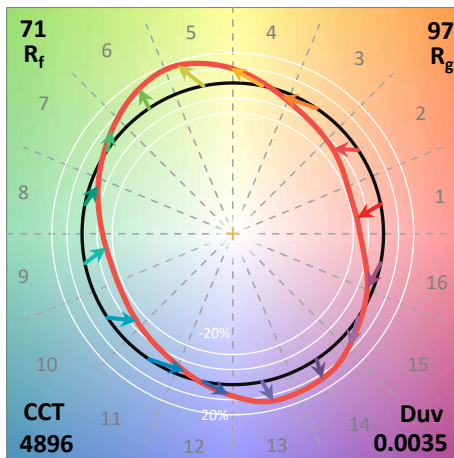
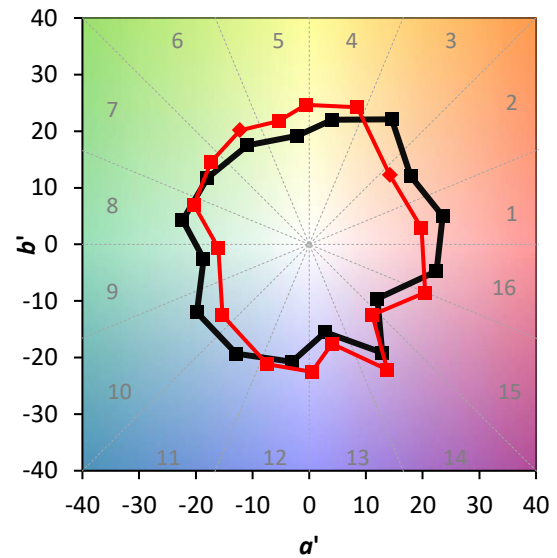
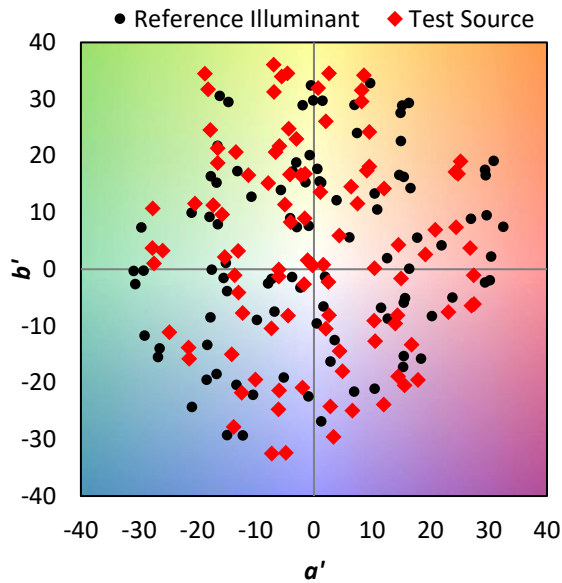
TM-30-18

Summary

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

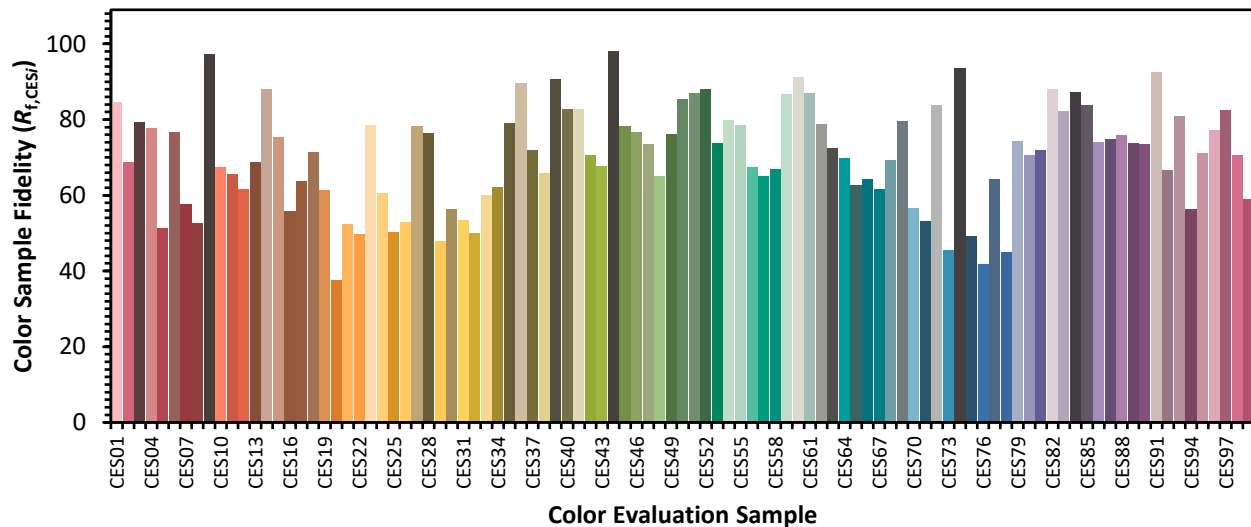


Color Vector Graphics

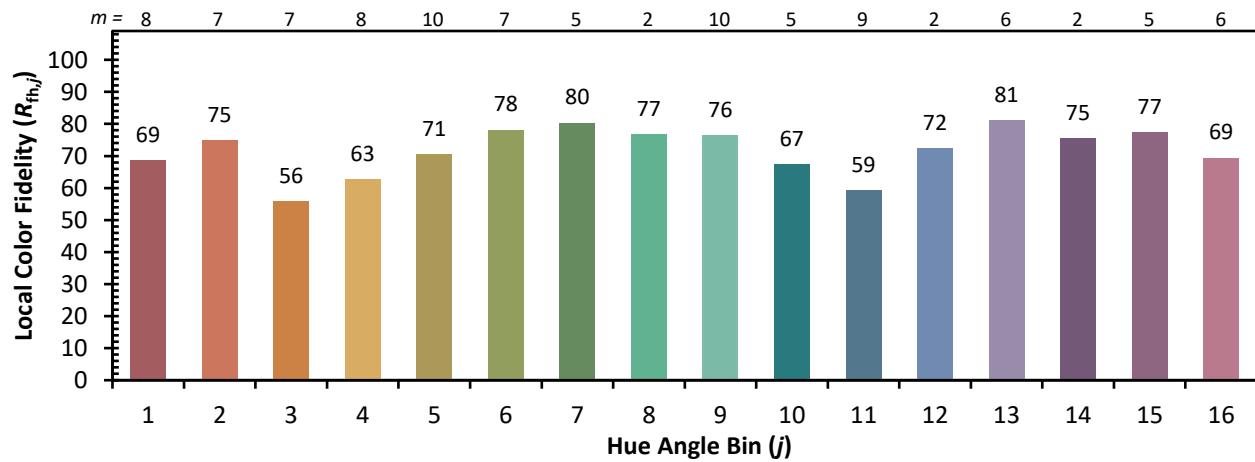
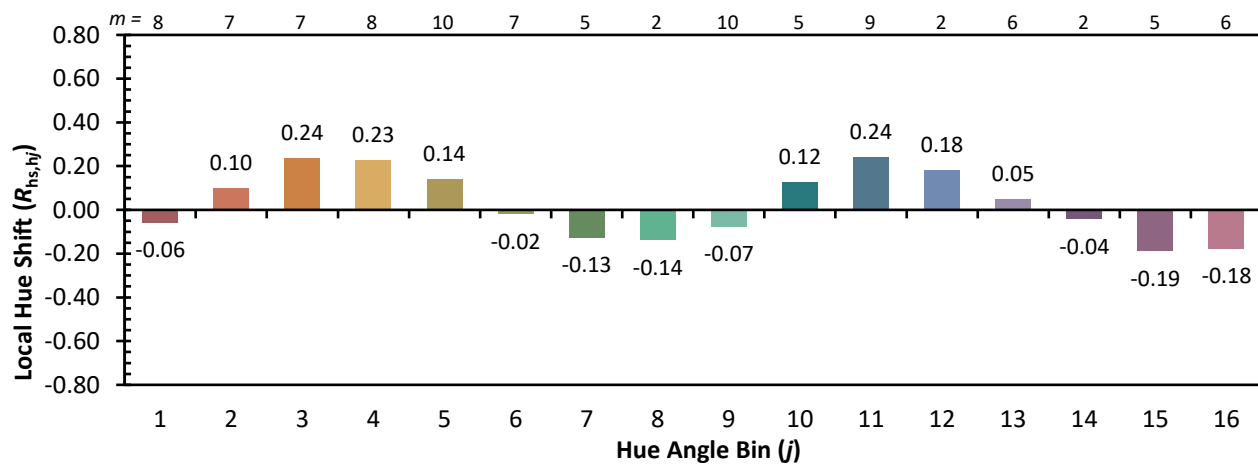
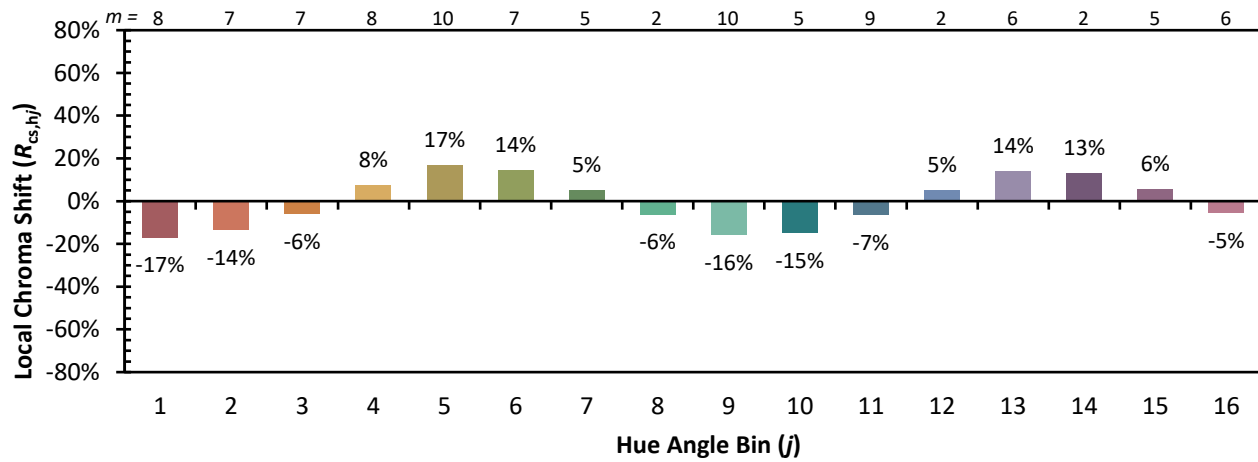


Individual Sample Fidelity Index ($R_{f,i}$)

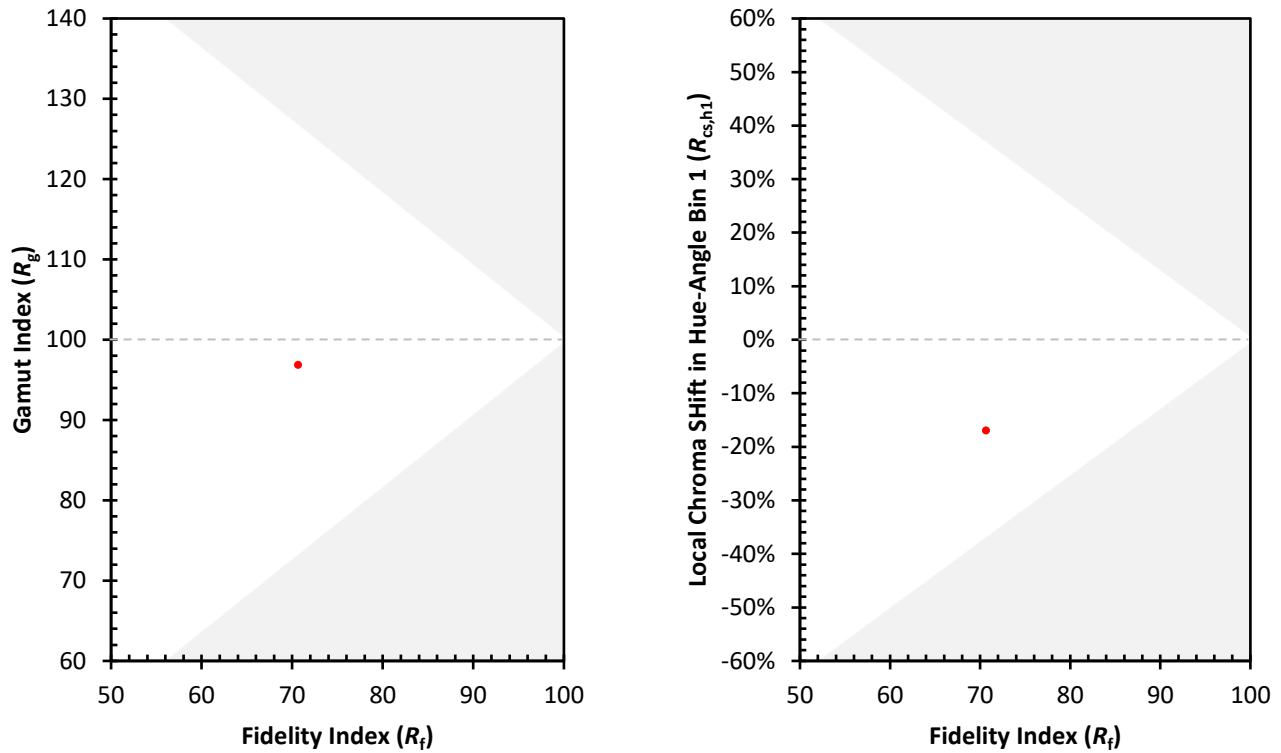
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)