

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: STREETWORKS

Report Number: P1063314

Luminaire Tested: **GLAN-SA5B-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063314
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5B-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16252 lumens
Efficiency: N/A
Efficacy: 90.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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

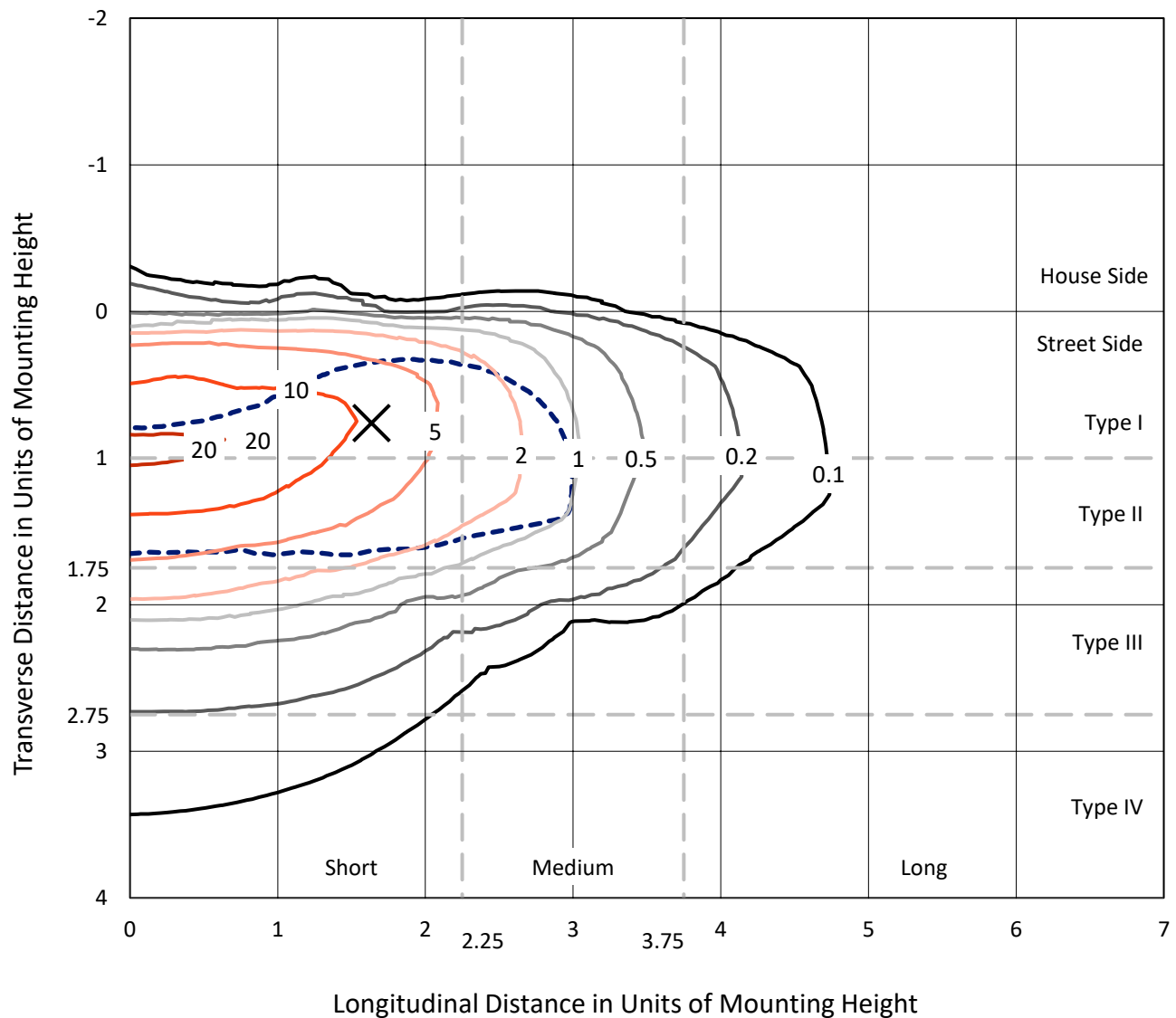


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

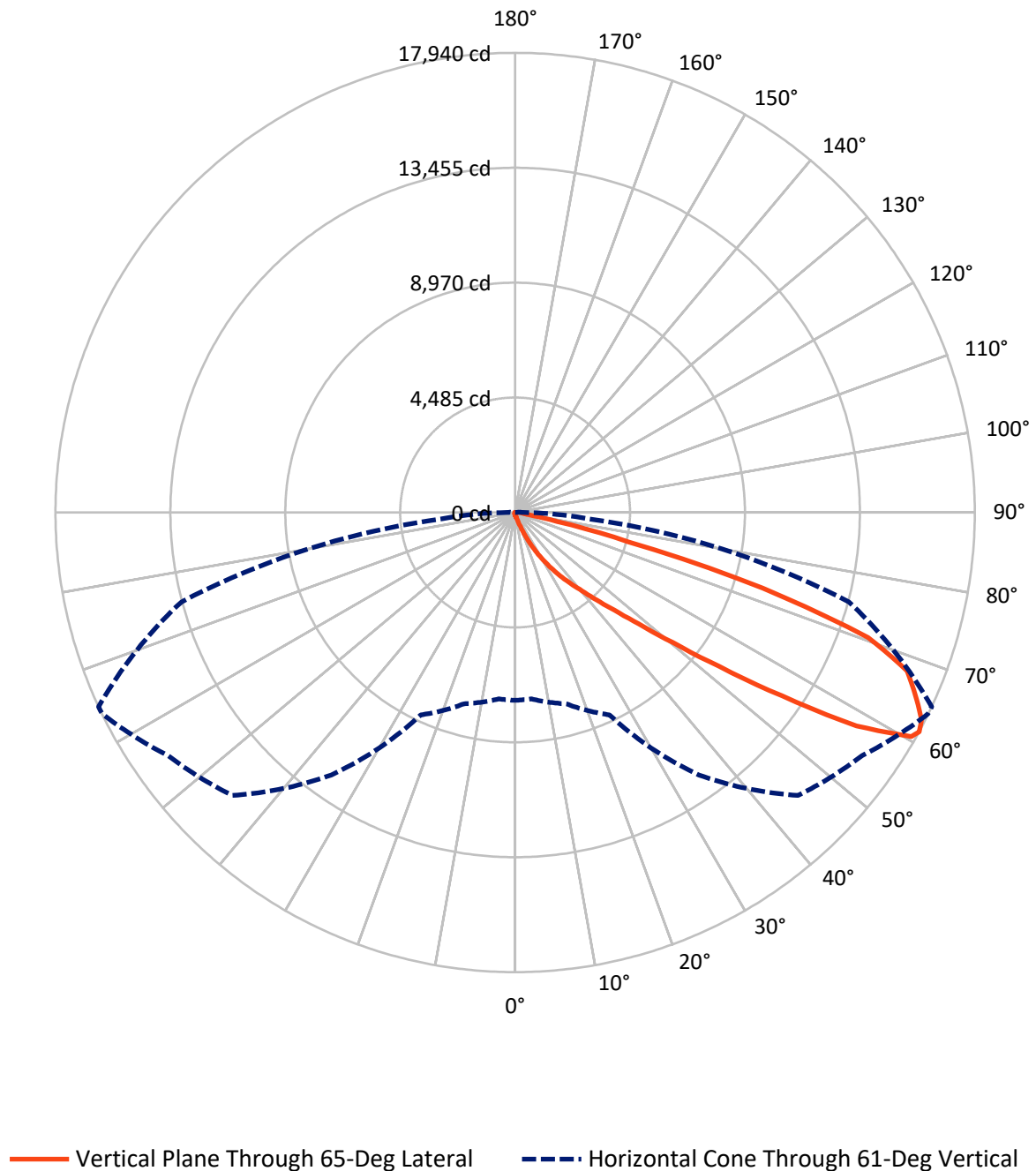


Based on 15 foot mounting height. Maximum calculated value = 21.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.4	0.0	69.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16182.7	0.0	16182.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	16252.0	0.0	16252.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.1
10°-20°	133.6	0.8
20°-30°	479.6	3.0
30°-40°	1276.9	7.9
40°-50°	3354.5	20.6
50°-60°	5196.8	32.0
60°-70°	4357.4	26.8
70°-80°	1282.3	7.9
80°-90°	158.2	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°	16252.0	100.0
0°-180°	16252.0	100.0



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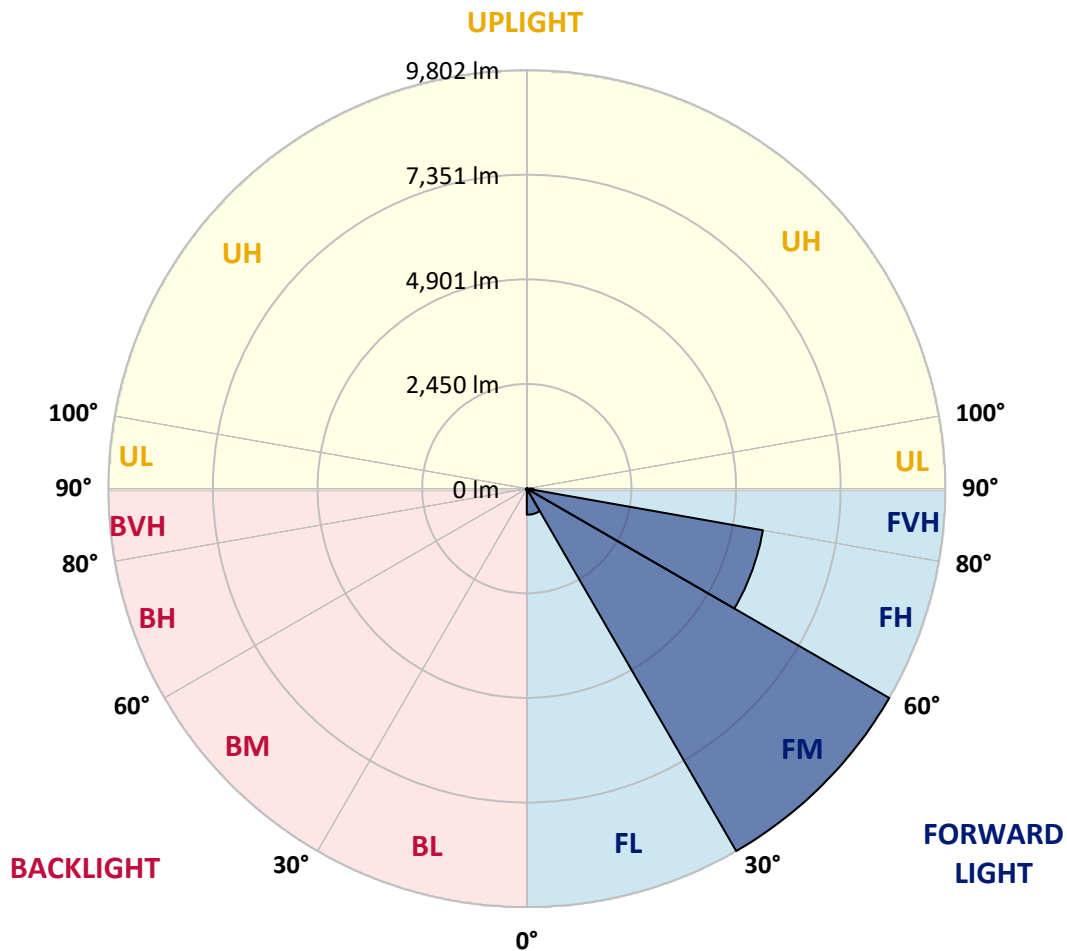
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	610.4	3.8			
FM	(30°-60°)	9801.8	60.3			
FH	(60°-80°)	5615.3	34.6			G3/7500
FVH	(80°-90°)	155.2	1.0			G2/225
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	26.4	0.2	B0/220		
BH	(60°-80°)	24.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	120.7	121.9	119.6	115.2	111.8	111.8	110.7	107.3	107.3	104.0	101.7
5°	168.8	166.6	162.1	153.2	145.3	137.5	129.7	121.9	120.7	110.7	104.0
7.5°	276.1	278.4	263.8	235.9	212.4	182.2	154.3	137.5	135.3	118.5	105.1
10°	605.9	589.2	555.6	447.2	367.8	277.3	205.7	159.9	157.6	127.4	107.3
12.5°	1104.6	1091.1	1029.6	917.9	713.3	496.4	300.7	197.9	191.2	135.3	108.4
15°	1592.0	1570.7	1537.2	1424.3	1185.0	889.9	491.9	270.5	252.7	146.5	107.3
17.5°	1902.8	1906.1	1875.9	1827.9	1673.6	1317.0	849.7	403.6	368.9	166.6	105.1
20°	2174.4	2166.6	2183.4	2157.7	2049.2	1789.9	1236.5	639.5	580.2	199.0	106.2
22.5°	2487.5	2506.5	2518.8	2513.2	2393.6	2172.2	1675.8	957.0	882.1	258.3	109.6
25°	2906.7	2904.5	2905.6	2891.1	2774.8	2528.8	2116.3	1351.6	1275.6	354.4	117.4
27.5°	3346.1	3359.5	3365.1	3312.5	3160.5	2919.0	2524.4	1783.2	1693.7	508.7	127.4
30°	3946.4	3935.2	3909.5	3802.2	3617.7	3318.1	2926.8	2235.9	2142.0	724.4	143.1
32.5°	4755.8	4743.5	4613.8	4376.8	4100.7	3734.0	3331.5	2689.8	2575.8	993.9	164.3
35°	6089.6	6108.6	5789.9	5176.2	4680.9	4233.7	3779.8	3141.5	3040.9	1325.9	193.4
37.5°	8132.1	8028.1	7595.5	6511.0	5444.5	4857.6	4208.0	3597.6	3510.4	1735.1	231.4
40°	10116.5	10013.6	9888.4	8861.0	6771.5	5545.1	4807.3	4133.1	4020.2	2196.8	287.3
42.5°	12202.6	12145.6	12140.0	11365.2	9193.0	6626.2	5528.3	4760.3	4664.2	2703.2	379.0
45°	13680.6	13623.5	13743.2	13878.4	12491.0	8942.6	6783.8	5575.3	5435.6	3318.1	525.4
47.5°	13879.5	13881.8	14201.5	14625.2	14941.6	12525.7	8456.3	6655.3	6485.3	4198.0	771.4
50°	13217.7	13243.4	13752.1	14510.1	15362.0	15531.9	11405.5	8222.6	7971.1	5241.0	1120.2
52.5°	11957.8	11986.8	12695.6	13942.2	14975.2	16254.1	14877.9	10273.0	9983.4	6542.3	1612.1
55°	10823.0	10840.9	11653.7	13228.9	14509.0	15861.7	16939.4	13010.9	12630.8	8143.3	2097.3
57.5°	9699.5	9658.1	10186.9	11990.2	14429.6	15379.9	17243.5	16131.1	15711.9	9892.9	2475.2
60°	8196.9	8127.6	8552.4	9699.5	13385.4	15696.2	16674.5	17857.3	17762.2	12328.9	2767.0
61°	7332.7	7303.7	7730.7	8714.5	12506.7	15615.7	16538.1	17929.9	17940.0	13481.6	2897.8
62.5°	5236.6	5319.3	5972.2	7251.1	10475.3	15093.7	16556.0	17705.2	17804.7	15013.2	3236.5
65°	2327.6	2460.6	2968.2	4009.0	6091.8	12555.9	16397.2	17212.2	17163.0	15433.5	4403.7
67.5°	1380.7	1400.8	1653.5	2271.7	3226.5	6753.6	14469.8	16560.4	16494.5	13435.7	5479.2
70°	1087.8	1097.8	1178.3	1425.4	1872.6	2587.0	8258.4	14327.9	14615.2	10894.6	5364.0
72.5°	1031.9	1029.6	1040.8	1084.4	1179.5	1283.4	3197.4	9524.0	10108.6	7845.9	4497.6
75°	1018.5	1014.0	1002.8	986.0	854.1	755.7	990.5	4212.5	4551.2	5360.6	3386.3
77.5°	988.3	989.4	991.6	945.8	732.3	534.4	479.6	1351.6	1662.4	3402.0	2407.0
80°	668.5	678.6	695.4	677.5	658.5	386.8	338.7	480.7	487.4	1909.5	1589.7
82.5°	338.7	338.7	330.9	295.1	254.9	251.5	269.4	348.8	353.3	965.9	747.9
85°	204.6	215.8	220.2	200.1	183.3	168.8	205.7	277.3	287.3	374.5	174.4
87.5°	45.8	47.0	51.4	68.2	99.5	135.3	191.2	253.8	258.3	240.4	21.2
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	100.6	98.4	97.3	93.9	90.6	87.2	85.0	83.8	85.0	86.1	86.1
5°	99.5	96.1	90.6	85.0	80.5	76.0	71.5	70.4	70.4	71.5	71.5
7.5°	99.5	93.9	86.1	79.4	72.7	66.0	62.6	60.4	61.5	61.5	61.5
10°	99.5	92.8	82.7	72.7	64.8	57.0	51.4	49.2	49.2	49.2	49.2
12.5°	98.4	91.7	79.4	67.1	55.9	47.0	40.2	36.9	38.0	38.0	38.0
15°	96.1	88.3	74.9	57.0	44.7	35.8	29.1	25.7	26.8	29.1	30.2
17.5°	92.8	85.0	67.1	48.1	35.8	26.8	20.1	17.9	19.0	22.4	22.4
20°	91.7	81.6	59.3	39.1	26.8	19.0	13.4	11.2	12.3	16.8	17.9
22.5°	91.7	79.4	53.7	32.4	20.1	12.3	7.8	4.5	4.5	7.8	7.8
25°	92.8	78.3	49.2	26.8	14.5	8.9	4.5	2.2	4.5	12.3	14.5
27.5°	95.0	77.1	47.0	22.4	11.2	7.8	3.4	7.8	13.4	13.4	13.4
30°	97.3	74.9	43.6	19.0	10.1	5.6	5.6	11.2	11.2	13.4	14.5
32.5°	100.6	73.8	41.4	16.8	7.8	4.5	7.8	6.7	6.7	7.8	8.9
35°	107.3	74.9	39.1	16.8	7.8	5.6	6.7	3.4	2.2	2.2	2.2
37.5°	116.3	76.0	35.8	14.5	6.7	6.7	3.4	0.0	0.0	0.0	0.0
40°	130.8	79.4	33.5	13.4	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	155.4	86.1	32.4	12.3	5.6	4.5	0.0	0.0	0.0	0.0	0.0
45°	204.6	101.7	30.2	11.2	5.6	2.2	0.0	0.0	0.0	0.0	0.0
47.5°	294.0	138.6	29.1	8.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	429.3	187.8	27.9	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	547.8	197.9	19.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	561.2	136.4	14.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	447.2	88.3	12.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	338.7	67.1	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	325.3	60.4	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	358.9	52.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	583.6	43.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1014.0	38.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1281.2	35.8	6.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1116.8	32.4	6.7	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	671.9	27.9	6.7	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	352.2	21.2	6.7	5.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0
80°	171.0	19.0	7.8	5.6	4.5	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	67.1	15.7	8.9	7.8	5.6	3.4	1.1	0.0	0.0	0.0	0.0
85°	30.2	13.4	10.1	8.9	7.8	4.5	1.1	0.0	0.0	0.0	0.0
87.5°	15.7	12.3	11.2	10.1	7.8	5.6	2.2	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

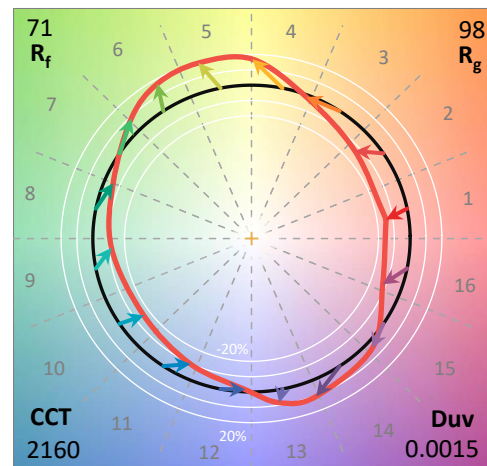
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

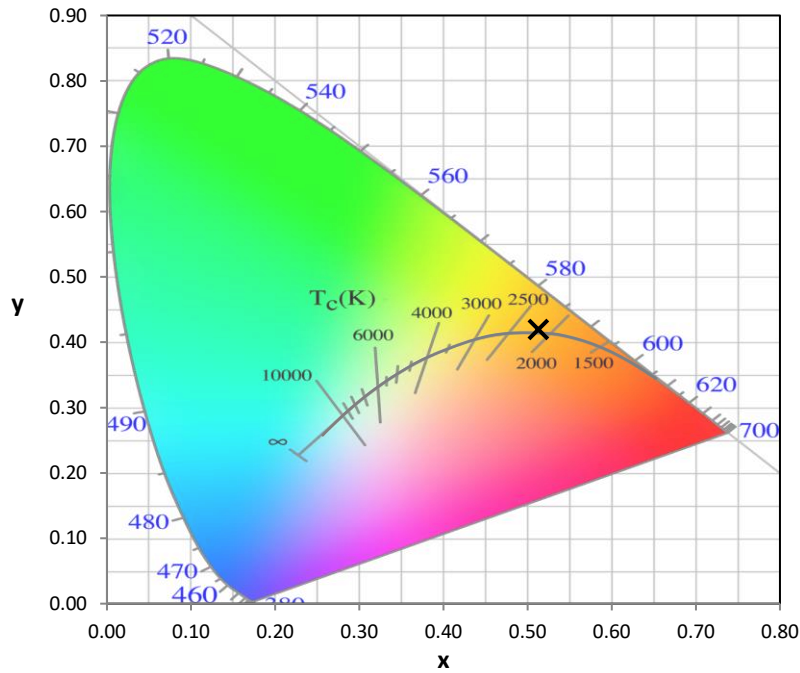
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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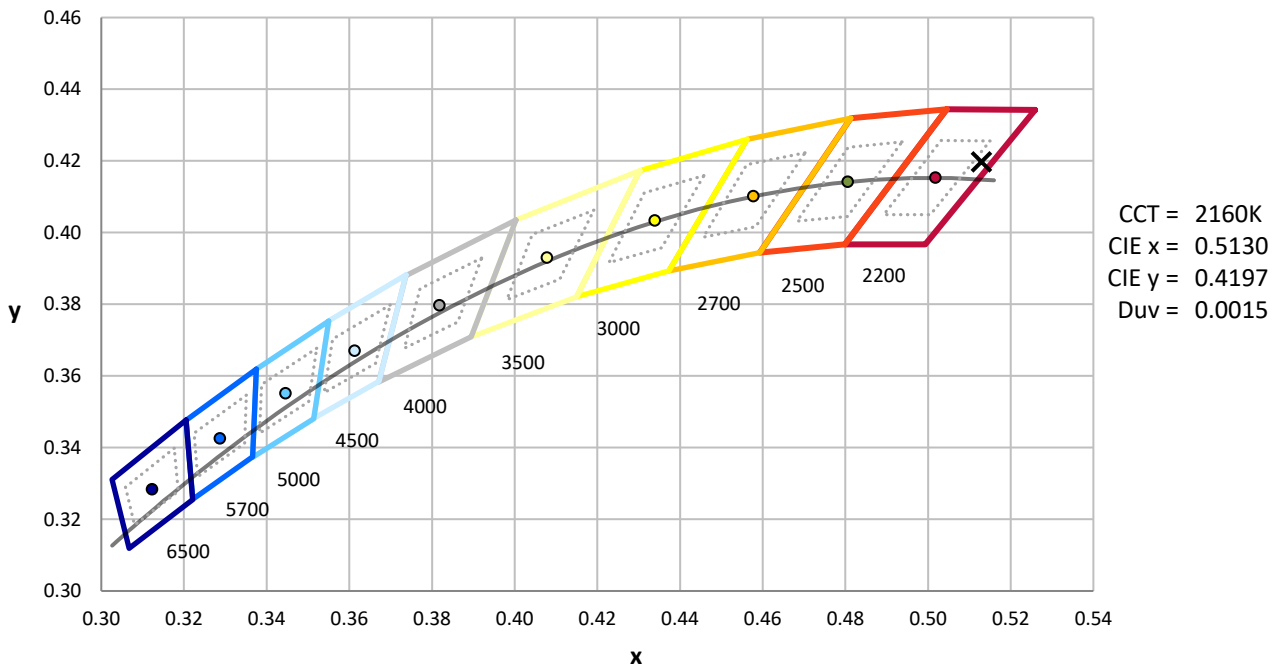
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



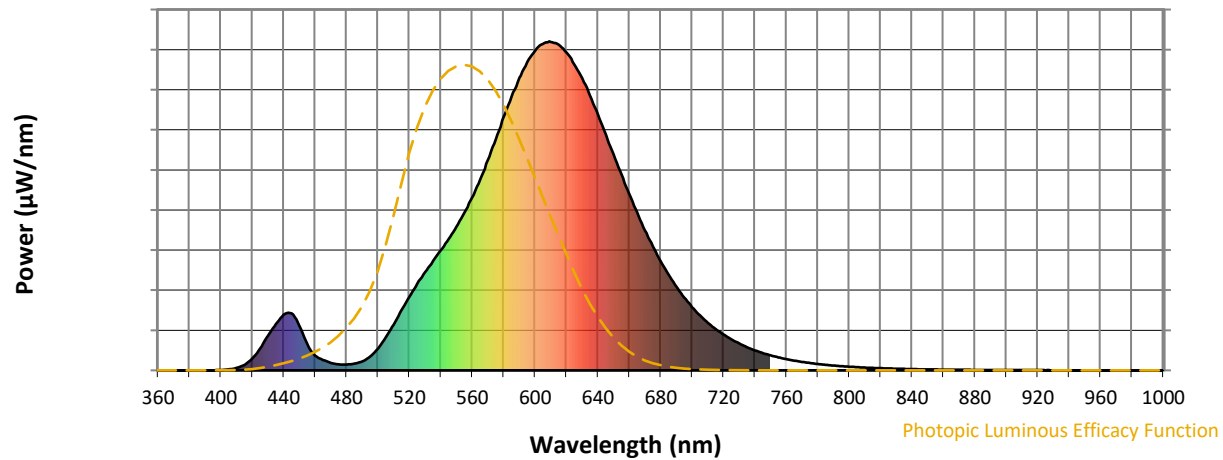
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

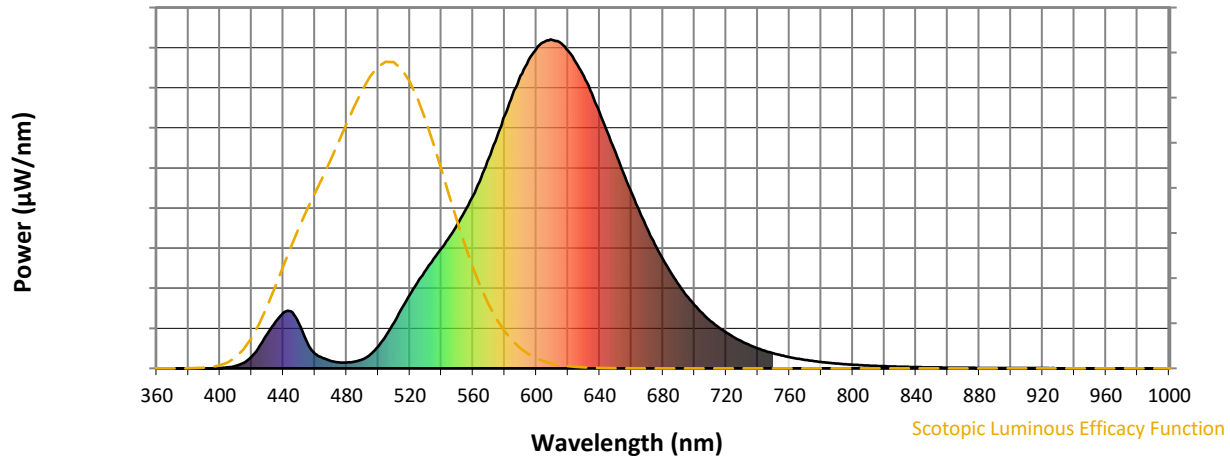


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength



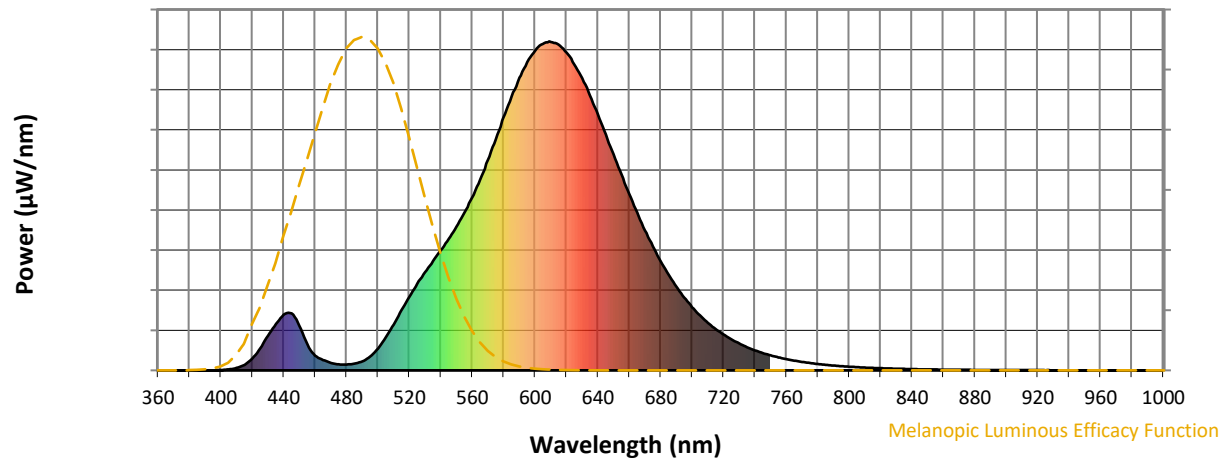
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

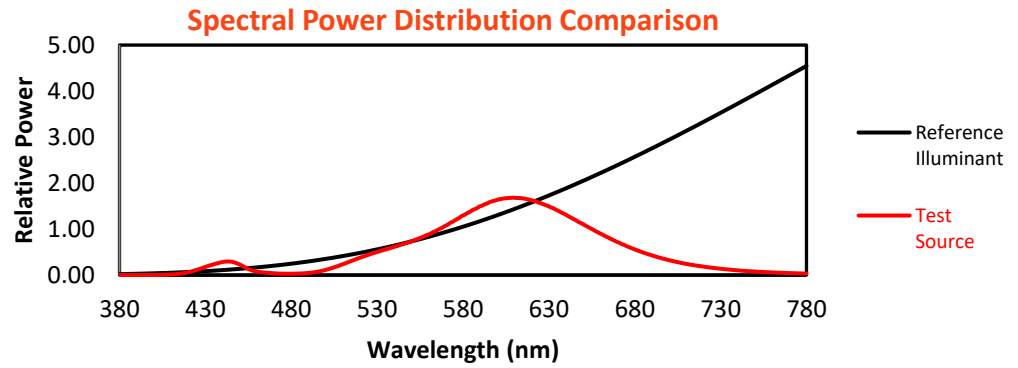
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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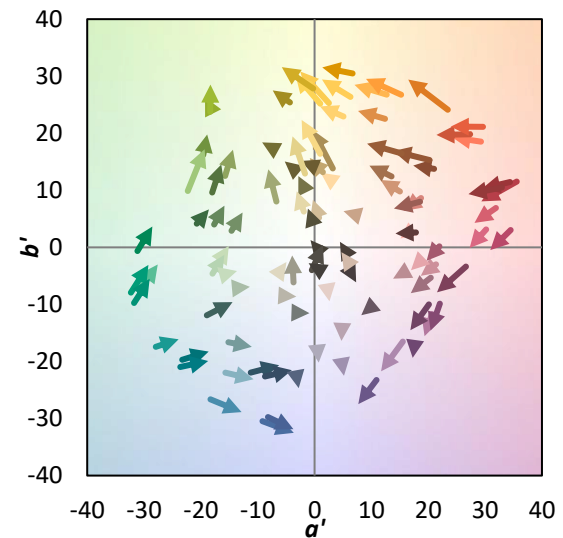
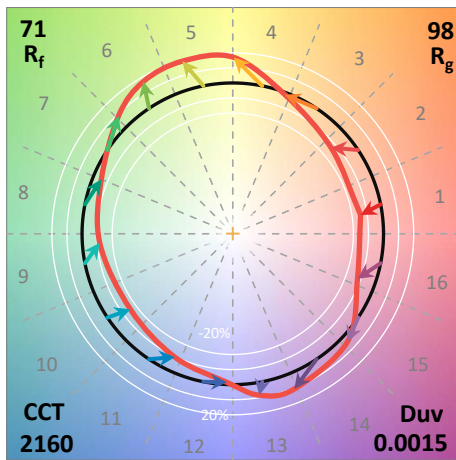
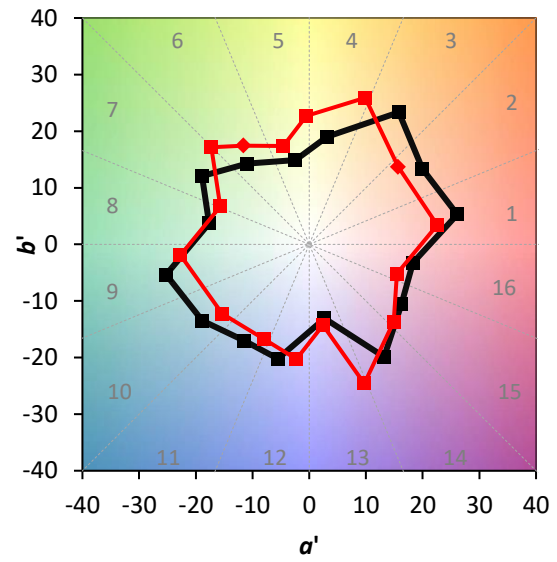
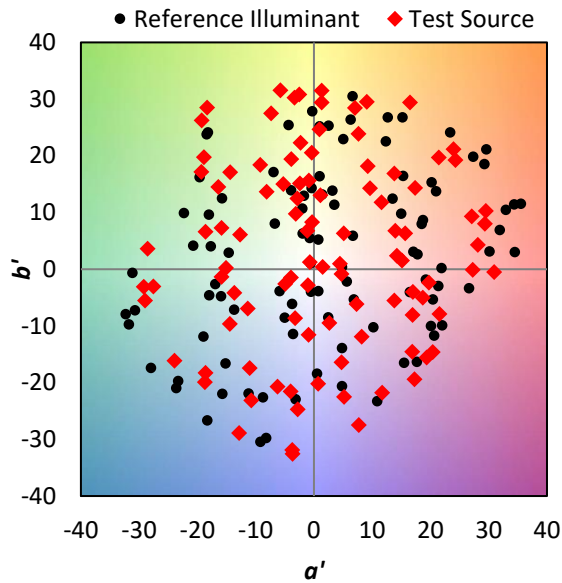
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

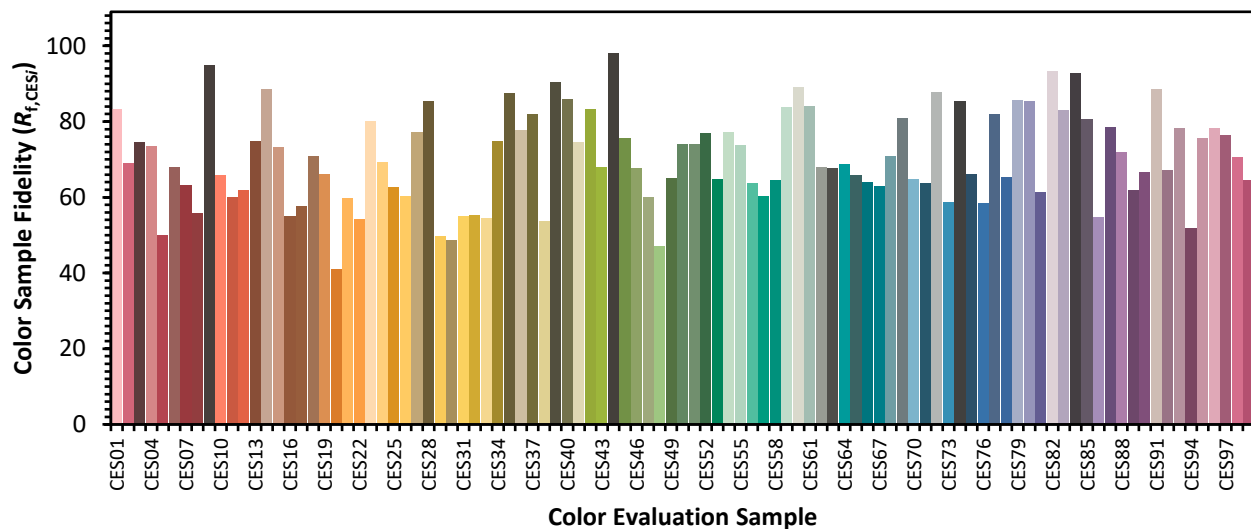


Color Vector Graphics

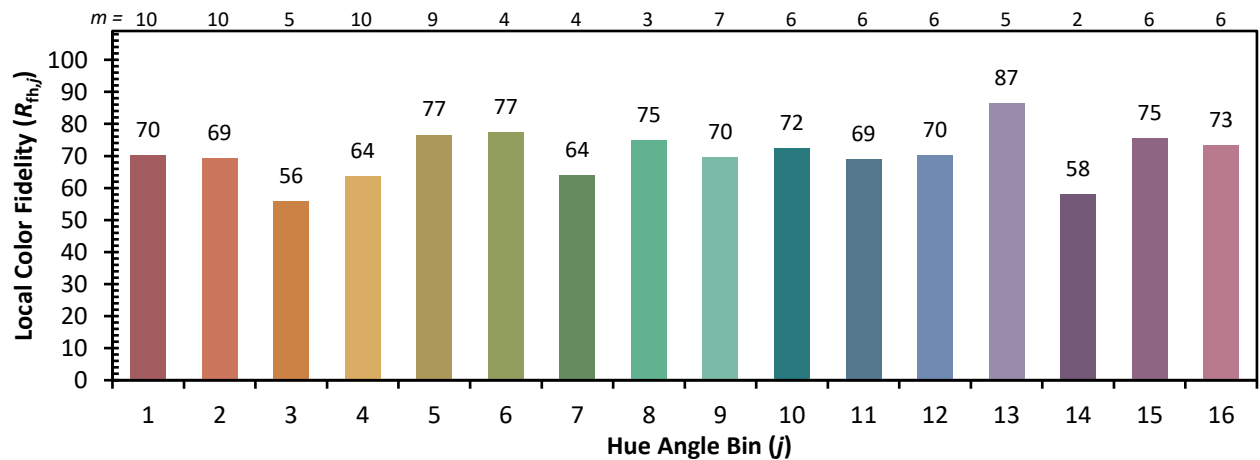
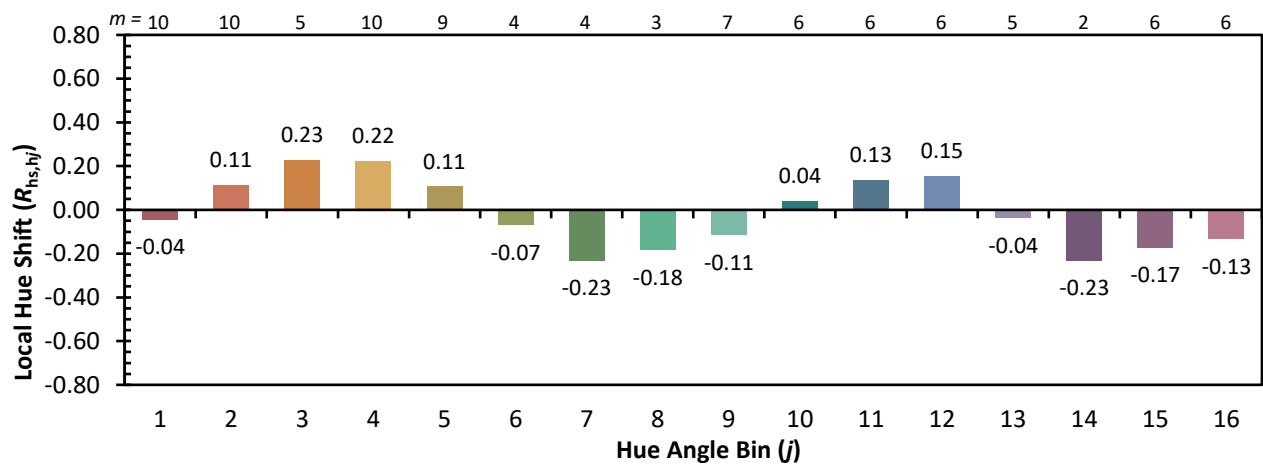
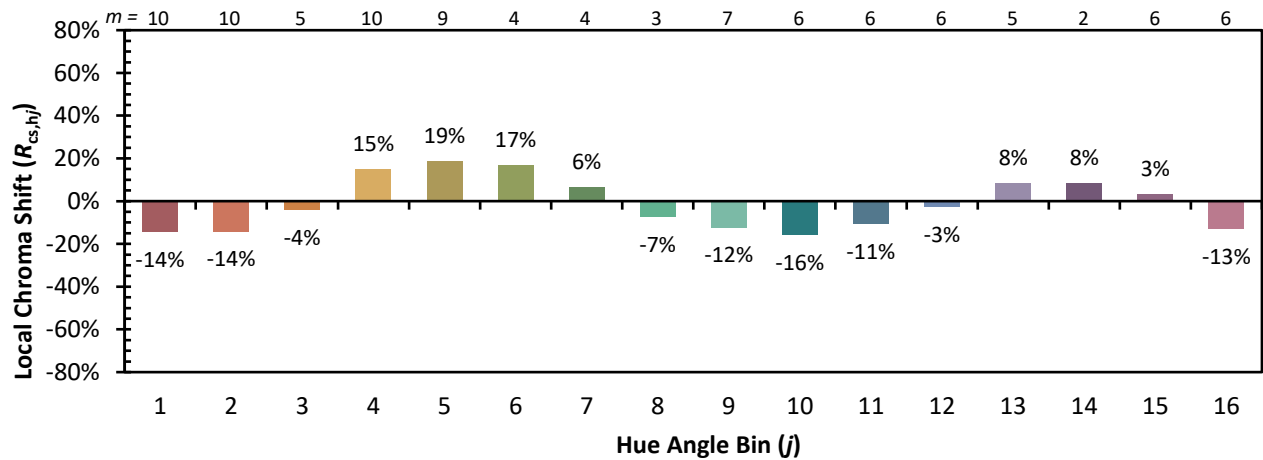


Individual Sample Fidelity Index ($R_{f,i}$)

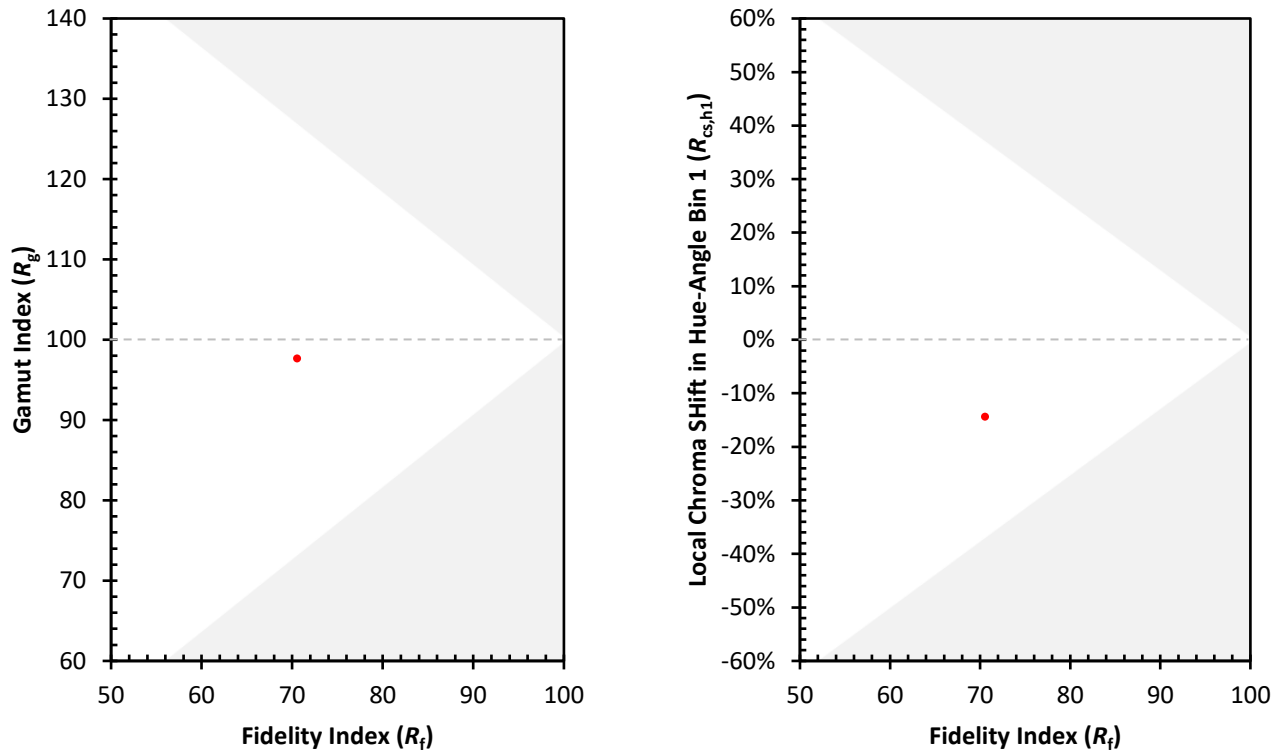
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)