

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: P1064167

Luminaire Tested: **GLAN-SA2C-830-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064167
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2C-830-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10344.6 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 96.2
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

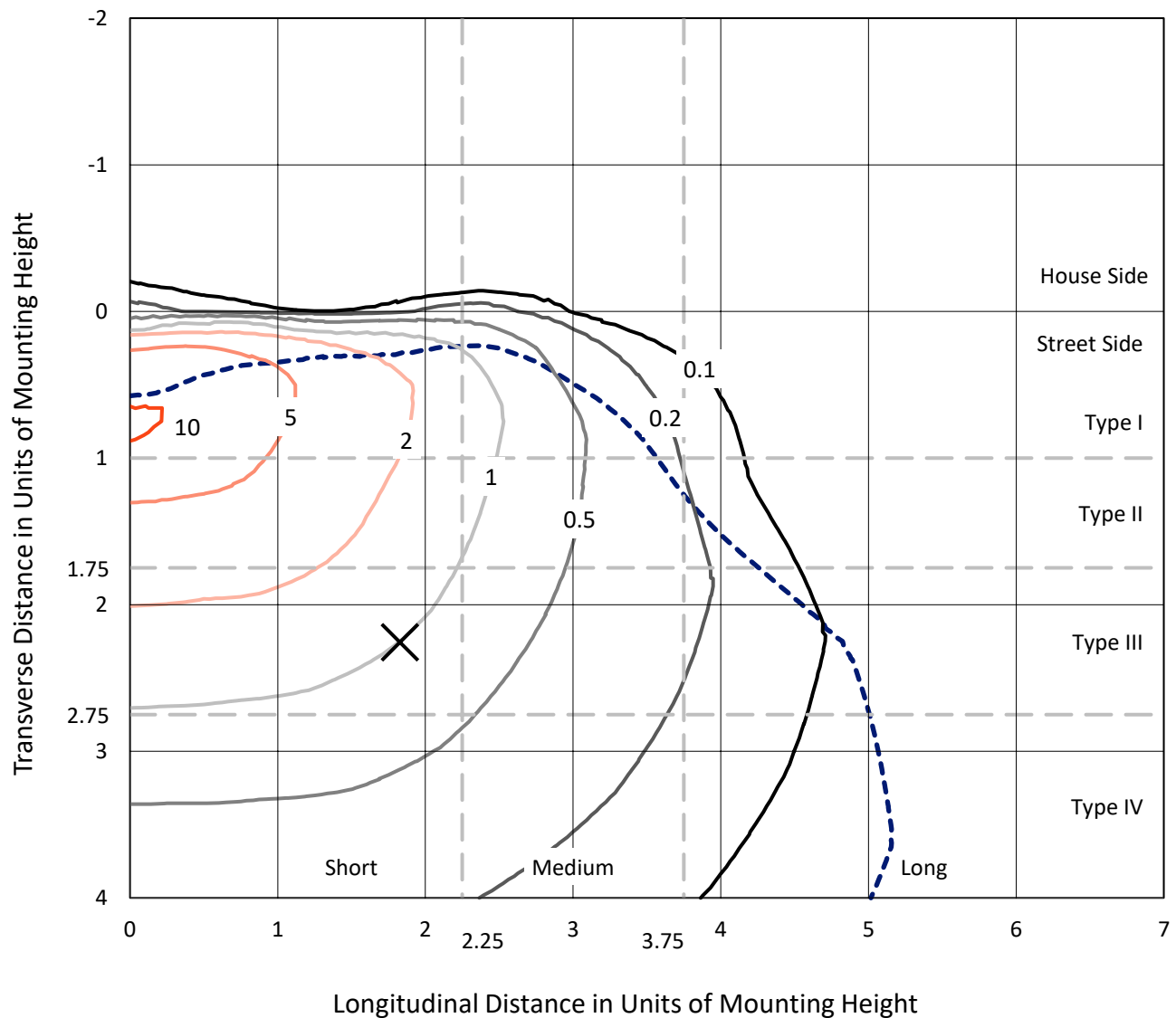


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

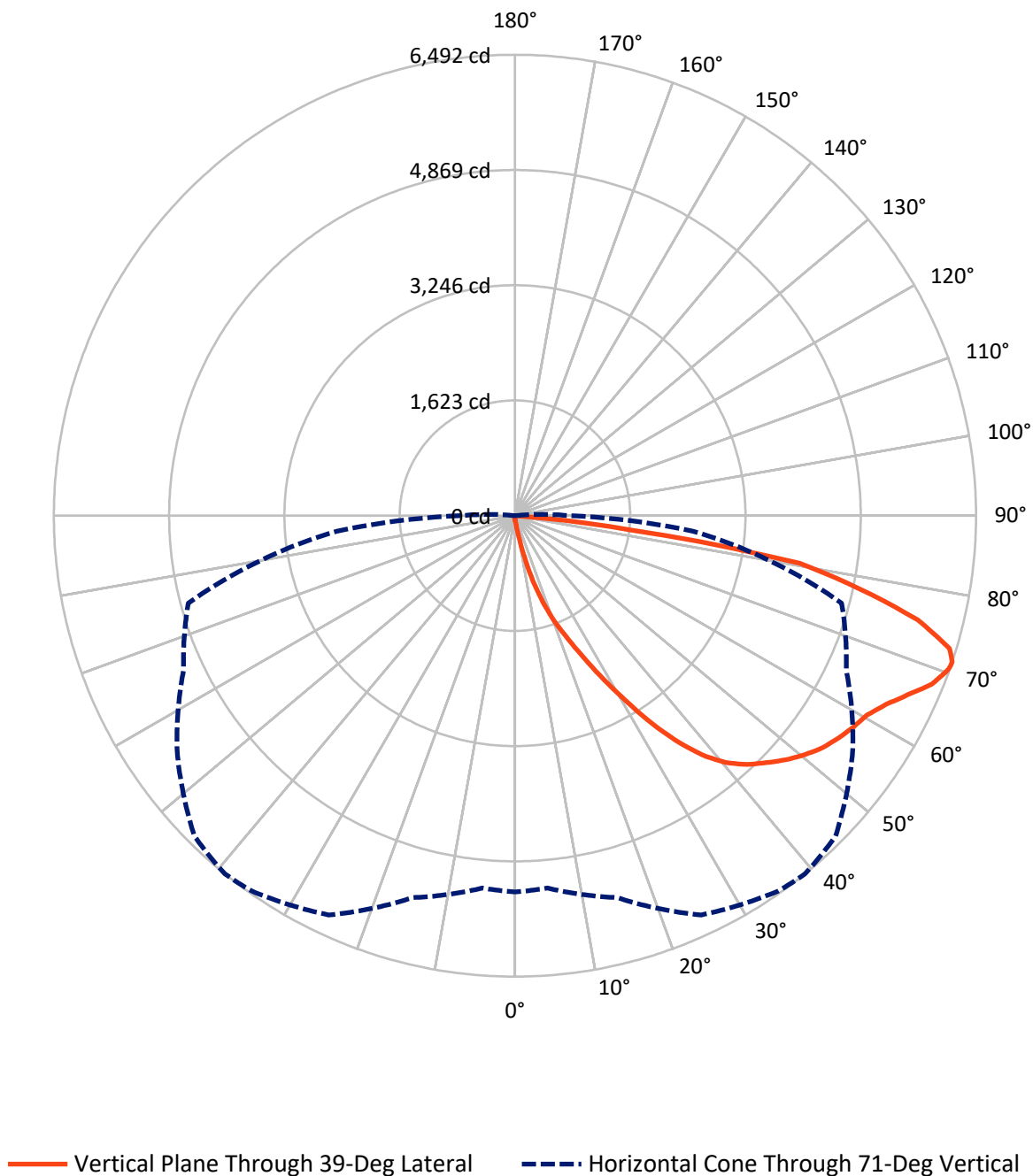


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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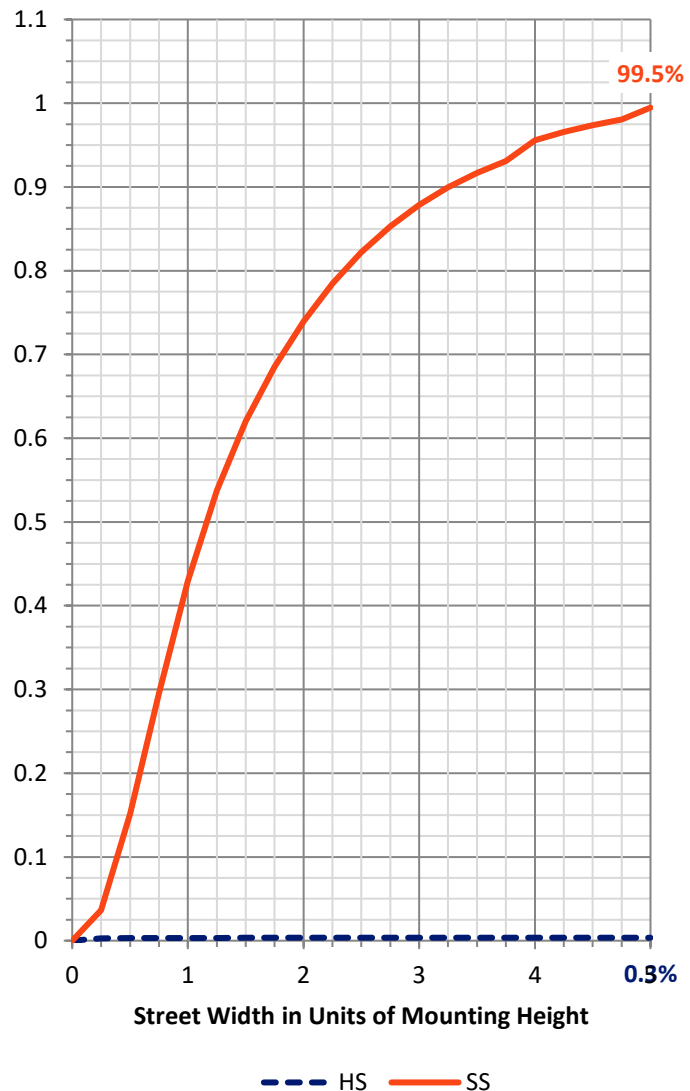
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.8	0.0	36.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10307.9	0.0	10307.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10344.6	0.0	10344.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	110.6	1.1
20°-30°	393.7	3.8
30°-40°	949.0	9.2
40°-50°	1588.2	15.4
50°-60°	2039.8	19.7
60°-70°	2581.4	25.0
70°-80°	2301.4	22.2
80°-90°	372.0	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°	10344.6	100.0
0°-180°	10344.6	100.0



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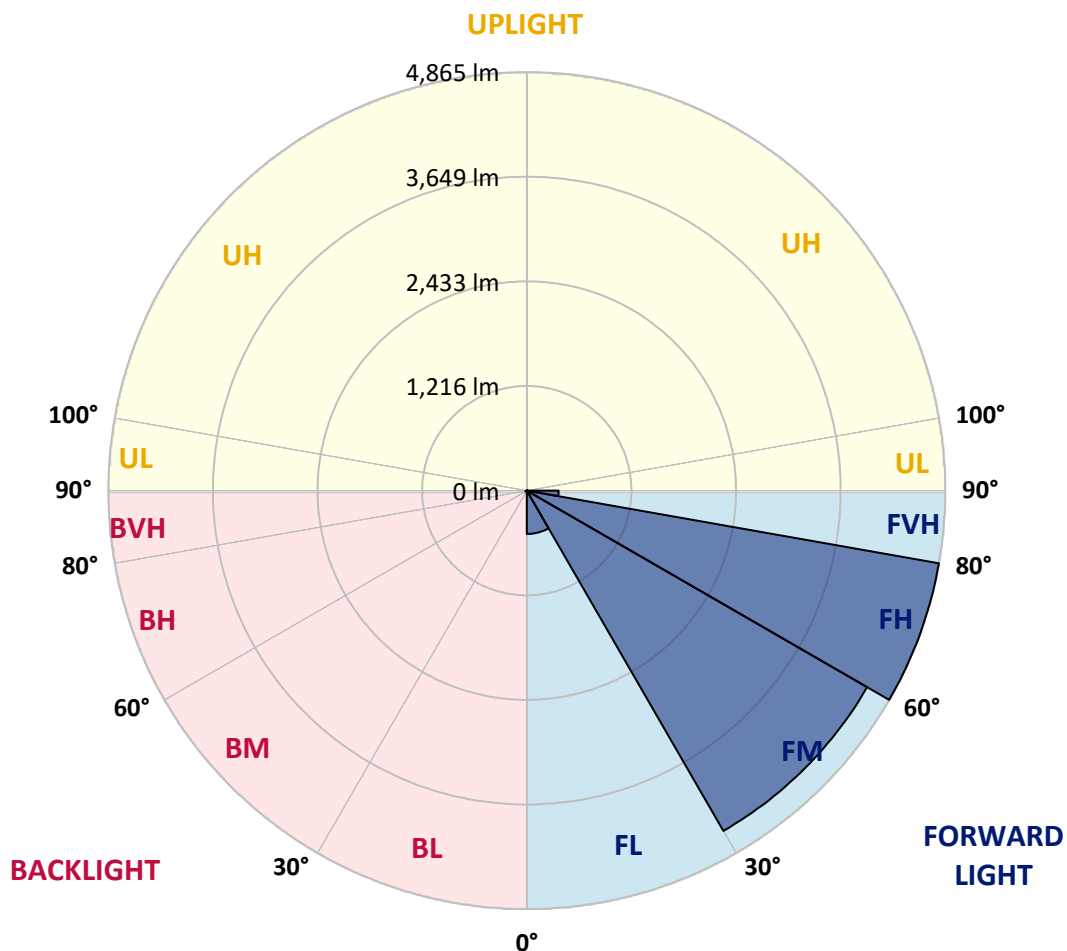
CATALOG NUMBER: GLAN-SA2C-830-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.1	4.9			
FM	(30°-60°)	4568.4	44.2			
FH	(60°-80°)	4865.1	47.0			G2/5000
FVH	(80°-90°)	370.3	3.6			G3/500
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	8.5	0.1	B0/220		
BH	(60°-80°)	17.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
2.5°	65.1	65.1	65.1	63.0	63.0	62.3	61.6	61.6	60.2	59.5	58.1
5°	98.7	96.6	91.7	88.9	83.3	79.8	76.3	71.4	66.5	63.0	58.8
7.5°	223.4	228.3	212.2	182.1	151.3	138.0	115.5	93.1	77.0	66.5	59.5
10°	569.3	566.5	511.9	451.7	348.7	307.4	240.9	152.0	99.4	72.8	60.2
12.5°	968.5	965.7	901.3	819.3	683.5	597.3	471.3	283.6	142.9	82.6	60.2
15°	1303.9	1292.7	1272.4	1191.2	1032.2	960.1	793.4	501.4	231.1	99.4	61.6
17.5°	1525.9	1516.1	1497.2	1467.8	1366.9	1281.5	1147.8	787.8	373.9	128.9	64.4
20°	1729.7	1722.7	1707.3	1701.7	1636.5	1591.0	1480.4	1116.9	582.6	175.1	68.6
22.5°	2009.8	1995.1	2001.4	1967.8	1904.1	1849.4	1781.5	1461.5	837.5	252.1	76.3
25°	2352.9	2345.9	2328.4	2304.6	2216.4	2168.8	2064.4	1786.4	1122.5	352.9	84.7
27.5°	2767.5	2759.8	2755.6	2701.0	2599.4	2547.6	2402.0	2093.1	1443.3	494.4	95.9
30°	3245.1	3248.6	3221.3	3151.2	3032.9	2960.1	2810.2	2414.6	1771.7	660.4	107.8
32.5°	3739.5	3732.5	3690.5	3607.8	3502.1	3434.2	3243.7	2766.8	2116.2	879.5	121.8
35°	4272.4	4259.1	4148.4	4053.9	3963.6	3878.1	3704.5	3175.8	2460.8	1125.3	140.8
37.5°	4810.2	4747.9	4525.9	4406.1	4343.8	4273.8	4112.0	3612.0	2803.2	1399.9	163.9
40°	5216.4	5168.0	4904.7	4684.2	4634.4	4574.9	4454.5	3988.8	3167.4	1694.7	191.9
42.5°	5441.2	5414.5	5177.9	4960.1	4843.1	4790.6	4687.7	4317.9	3527.3	2020.3	232.5
45°	5537.1	5495.8	5337.5	5236.0	5049.7	4962.9	4840.3	4566.5	3903.3	2390.0	289.2
47.5°	5507.7	5483.9	5370.4	5407.5	5272.4	5137.2	4957.3	4757.0	4224.8	2814.4	366.9
50°	5322.8	5302.5	5267.5	5468.5	5451.7	5292.0	5108.5	4907.5	4487.4	3252.1	487.4
52.5°	4971.3	4962.9	5052.5	5420.8	5553.2	5428.6	5254.2	5040.6	4732.5	3709.4	659.7
55°	4518.2	4552.5	4808.8	5346.6	5605.0	5529.4	5383.0	5165.2	4929.3	4118.3	913.9
57.5°	4331.9	4341.0	4661.0	5294.1	5628.1	5618.3	5508.4	5284.3	5109.9	4445.4	1301.8
60°	4549.7	4535.7	4704.5	5334.0	5674.3	5698.2	5619.7	5394.9	5266.8	4726.2	1818.6
62.5°	4943.3	4935.6	4989.5	5504.2	5809.5	5857.8	5774.5	5474.8	5405.4	4911.0	2408.3
65°	5294.8	5278.7	5378.8	5806.0	6046.9	6081.2	6008.4	5611.3	5466.4	5045.5	2962.2
67.5°	5446.8	5443.3	5604.3	6093.1	6296.2	6333.3	6269.6	5799.7	5452.4	5088.2	3206.6
70°	5377.4	5364.1	5621.8	6215.0	6437.0	6479.0	6417.3	5869.7	5300.4	4953.1	2844.5
71°	5301.1	5265.4	5569.3	6206.6	6456.6	6492.3	6384.4	5806.0	5147.7	4761.2	2516.1
72.5°	5064.4	5070.7	5425.0	6119.0	6409.6	6399.1	6198.2	5577.7	4963.6	4325.6	2021.0
75°	4481.8	4518.9	4958.0	5751.4	5990.9	5857.1	5549.7	5141.4	4593.8	3101.5	1403.4
77.5°	3662.5	3717.8	4200.3	5044.1	4976.2	4962.9	4950.3	4530.1	3923.0	1666.0	976.2
80°	1748.6	1868.3	2533.6	3600.8	3911.8	4062.3	3967.8	3650.5	3033.6	793.4	583.3
82.5°	114.1	112.7	159.7	302.5	1275.2	1648.5	2619.0	2609.2	2114.8	386.6	238.1
85°	53.9	55.3	60.9	69.3	80.5	88.2	121.8	714.3	1011.9	184.2	51.8
87.5°	31.5	32.2	37.8	48.3	63.0	70.0	83.3	107.1	131.7	101.5	11.2
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: GLAN-SA2C-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
2.5°	57.4	56.7	54.6	52.5	50.4	49.0	48.3	49.0	49.0	49.7	49.7
5°	57.4	55.3	51.8	47.6	44.8	42.0	40.6	39.9	40.6	40.6	40.6
7.5°	56.7	53.2	48.3	43.4	39.9	36.4	35.0	34.3	34.3	35.0	35.0
10°	55.3	51.8	45.5	39.9	35.7	31.5	29.4	27.3	27.3	27.3	28.0
12.5°	54.6	49.7	42.0	36.4	30.8	25.9	21.7	19.6	20.3	20.3	20.3
15°	53.2	47.6	39.9	32.9	25.9	19.6	16.1	14.0	14.7	15.4	14.7
17.5°	53.2	46.9	37.1	28.7	20.3	14.7	11.9	10.5	10.5	11.2	11.2
20°	53.2	45.5	35.0	24.5	15.4	11.2	8.4	7.7	7.7	9.1	9.8
22.5°	54.6	45.5	32.2	20.3	12.6	8.4	6.3	5.6	6.3	7.7	8.4
25°	56.7	44.8	29.4	18.2	10.5	6.3	4.9	3.5	4.2	5.6	6.3
27.5°	58.8	44.1	26.6	16.1	8.4	4.9	3.5	2.8	2.1	2.8	2.8
30°	60.9	44.1	23.8	13.3	7.0	3.5	2.1	1.4	0.7	0.0	0.0
32.5°	62.3	42.7	21.7	10.5	5.6	2.8	1.4	0.7	0.0	0.0	0.0
35°	63.7	41.3	18.9	8.4	4.2	2.1	0.7	0.0	0.0	0.0	0.0
37.5°	65.1	39.2	16.1	7.0	3.5	1.4	0.0	0.0	0.0	0.0	0.0
40°	66.5	36.4	13.3	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	67.9	34.3	11.2	4.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	71.4	32.9	9.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	77.7	31.5	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	86.8	30.1	7.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	99.4	29.4	7.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	121.8	28.7	6.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	160.4	28.0	6.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	245.8	26.6	6.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	439.1	25.9	5.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	765.4	26.6	5.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1097.3	28.0	4.9	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	939.1	24.5	4.9	2.8	1.4	0.7	0.0	0.0	0.0	0.0	0.0
71°	765.4	21.7	4.9	2.8	1.4	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	492.3	16.8	4.2	2.8	1.4	1.4	0.7	0.0	0.0	0.0	0.0
75°	208.0	14.0	4.2	2.8	2.1	1.4	1.4	0.7	0.0	0.0	0.0
77.5°	88.9	10.5	4.2	3.5	2.8	2.1	2.1	1.4	0.7	0.0	0.0
80°	33.6	8.4	4.9	4.2	3.5	3.5	2.8	1.4	0.7	0.0	0.0
82.5°	15.4	7.0	4.9	4.2	4.2	3.5	2.8	2.1	1.4	0.0	0.0
85°	9.8	6.3	4.9	4.2	4.2	3.5	3.5	2.1	1.4	0.0	0.0
87.5°	7.7	6.3	4.9	4.9	4.2	4.2	2.8	2.1	0.7	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

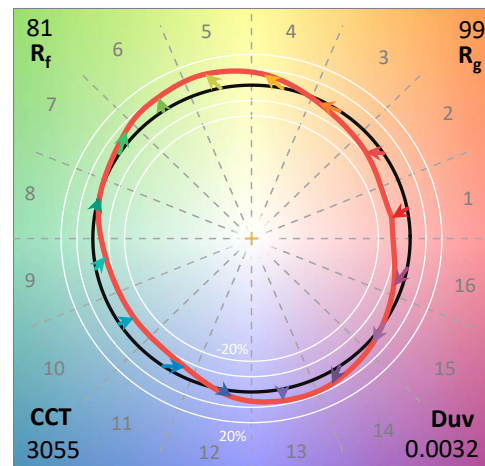
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

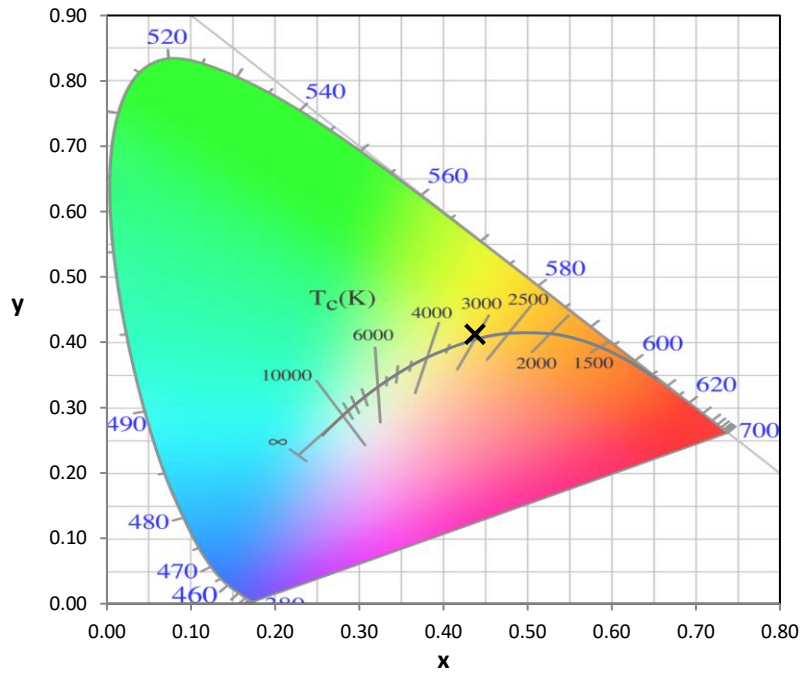
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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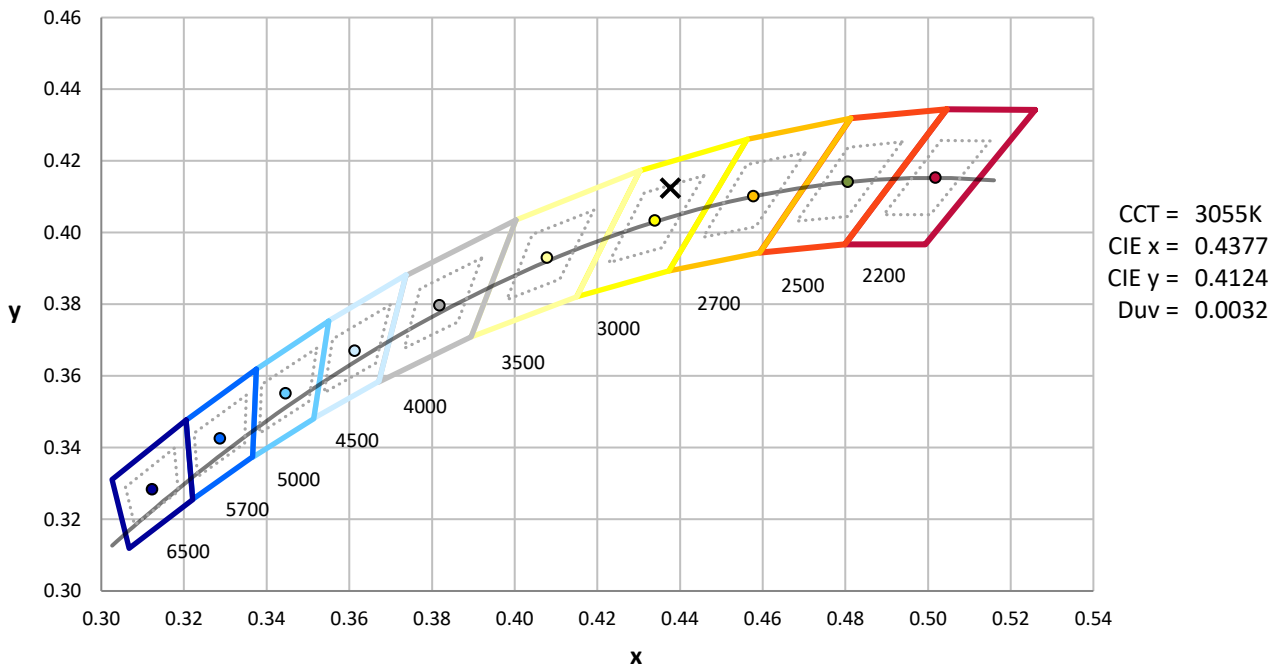
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

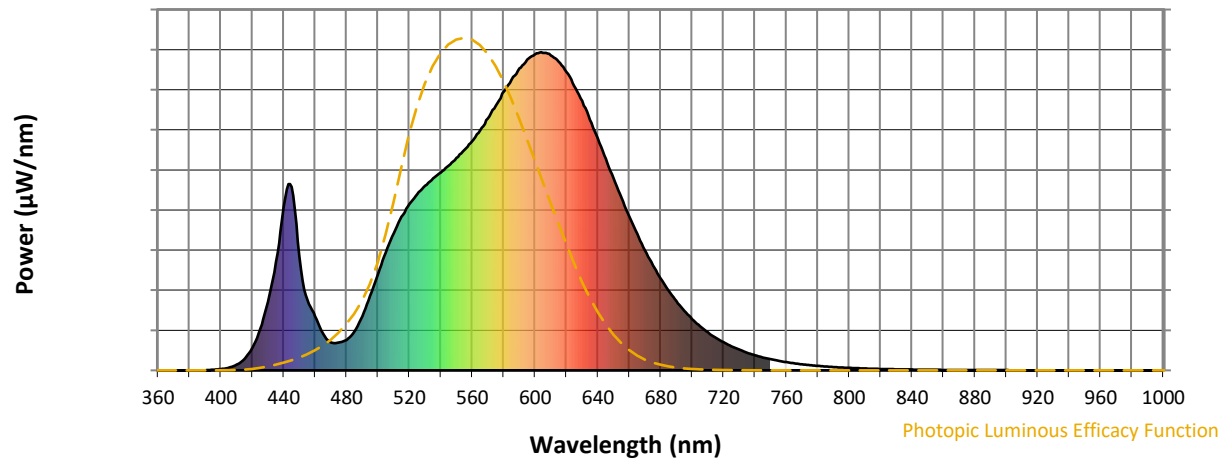


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

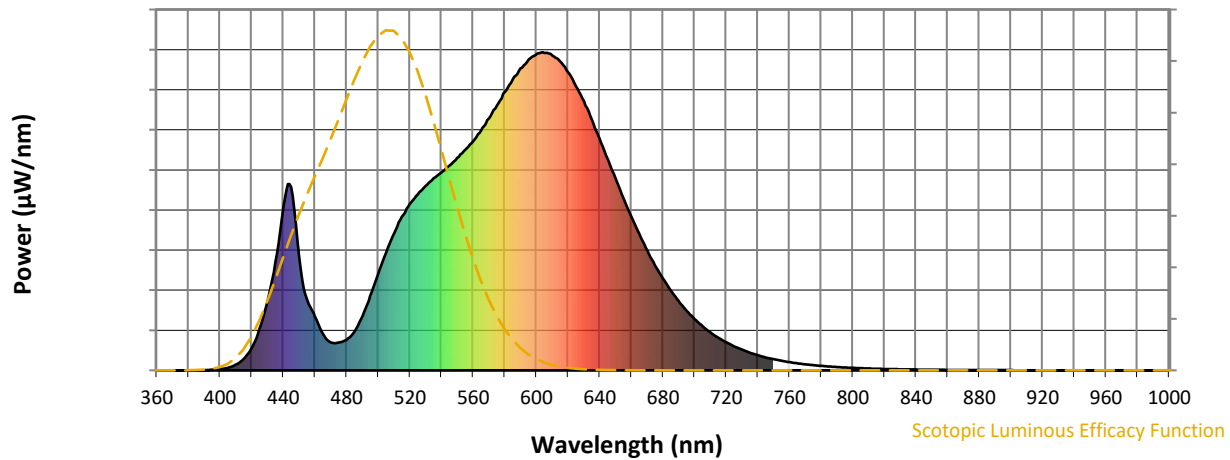


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



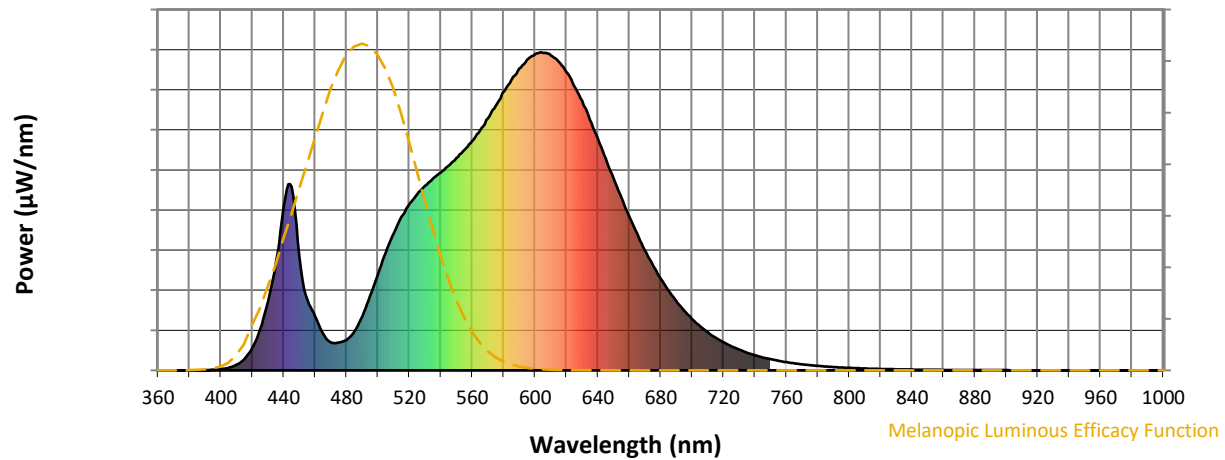
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

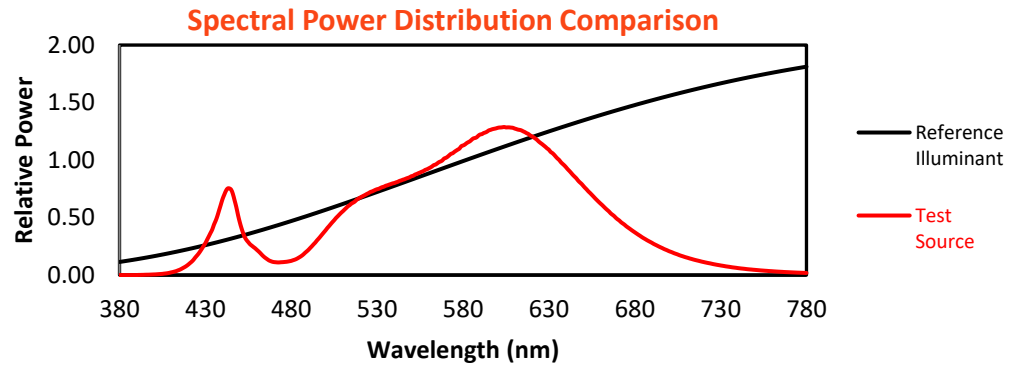
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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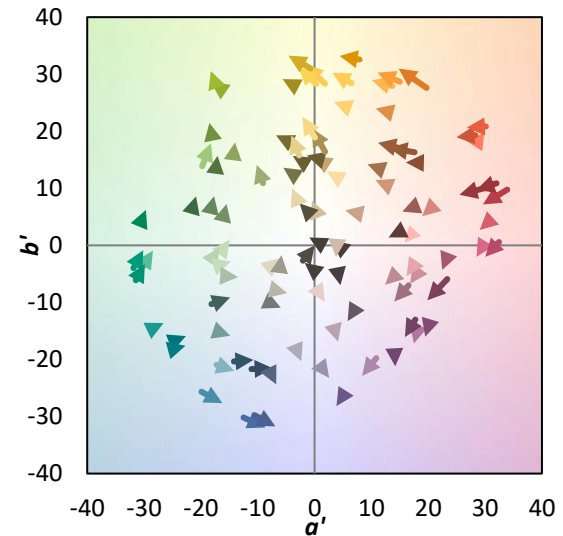
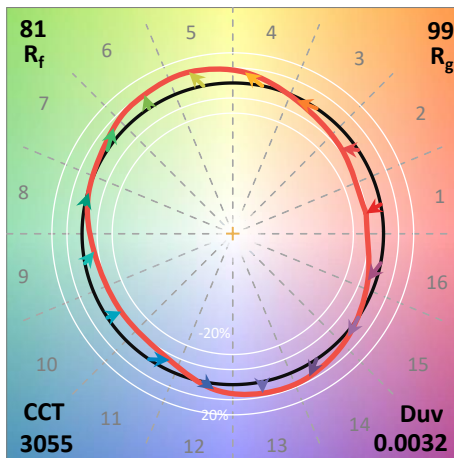
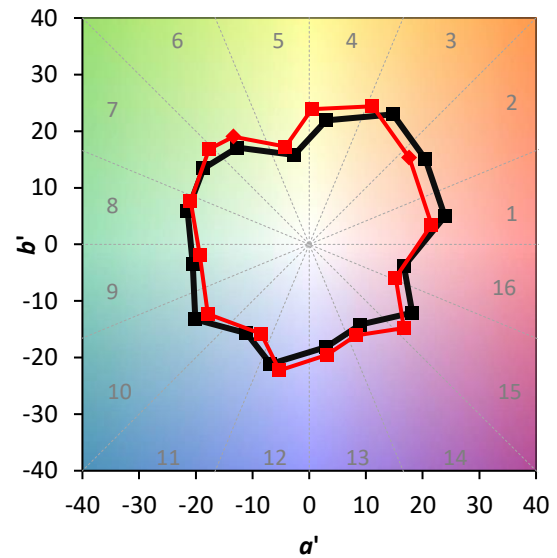
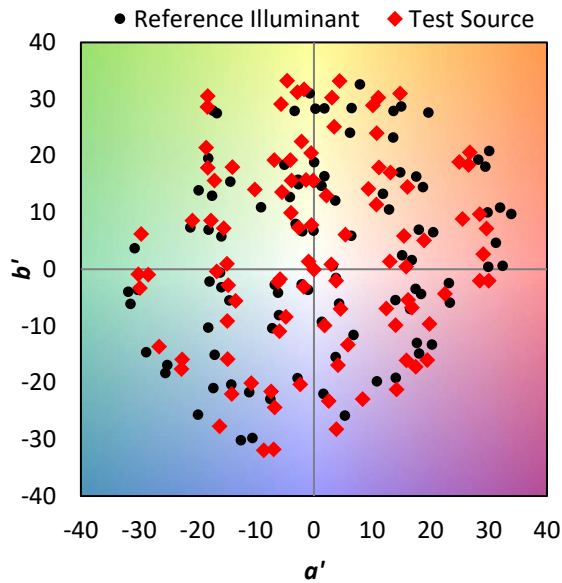
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

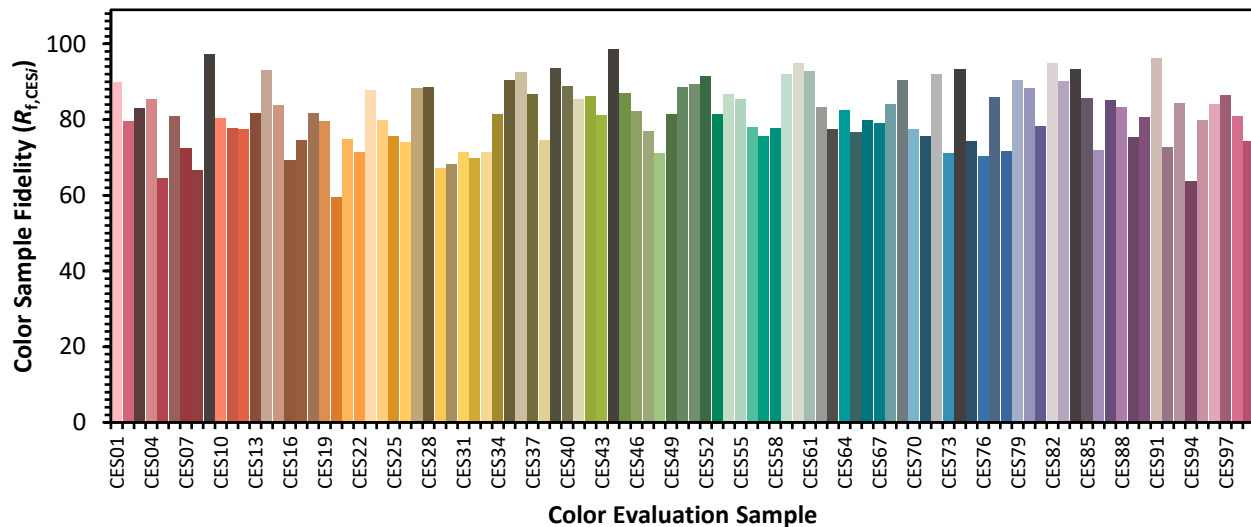


Color Vector Graphics

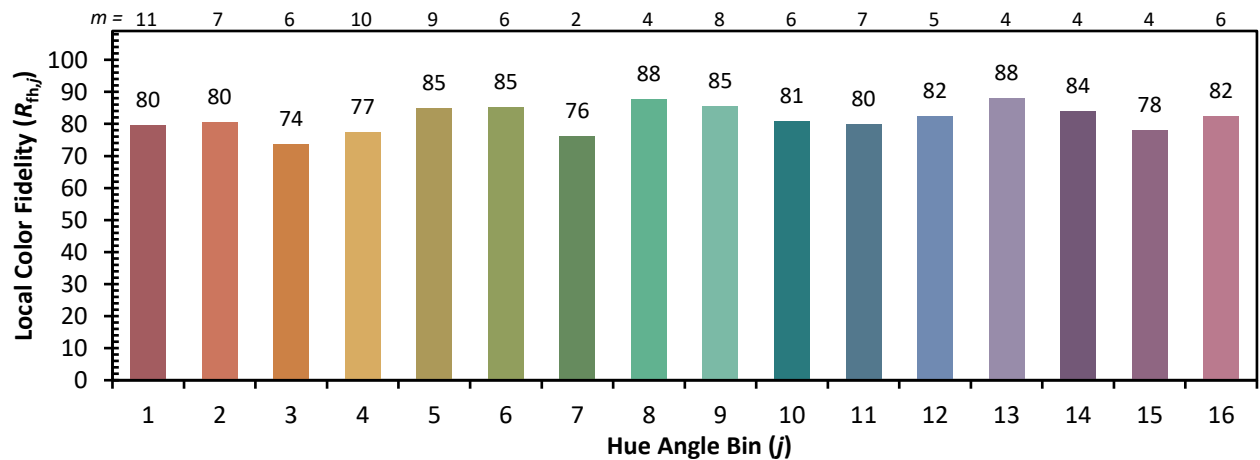
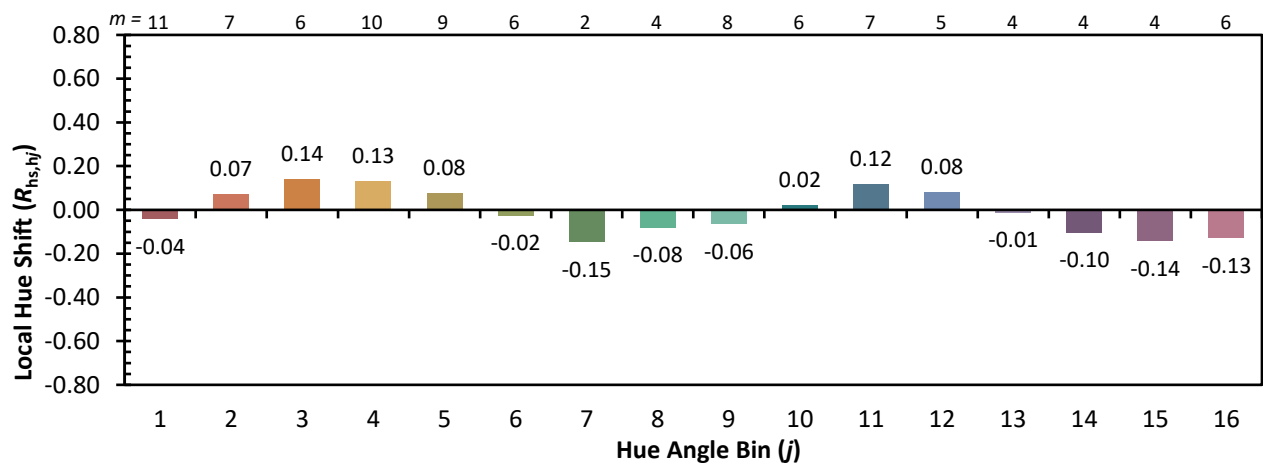
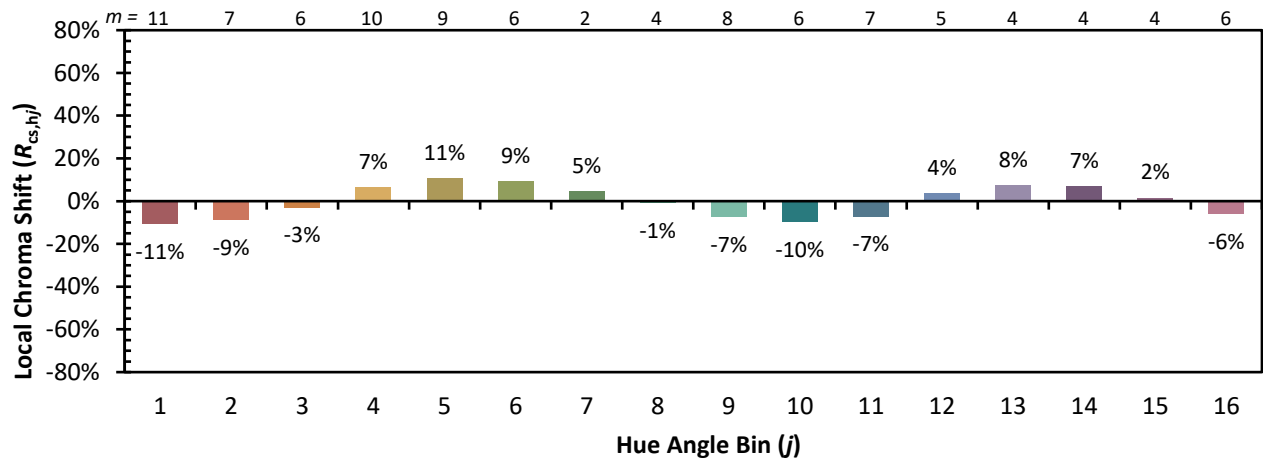


Individual Sample Fidelity Index ($R_{f,i}$)

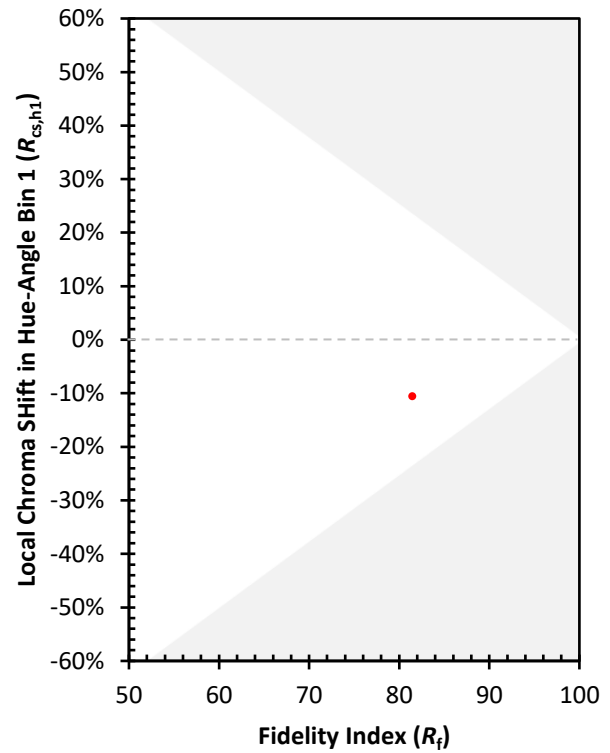
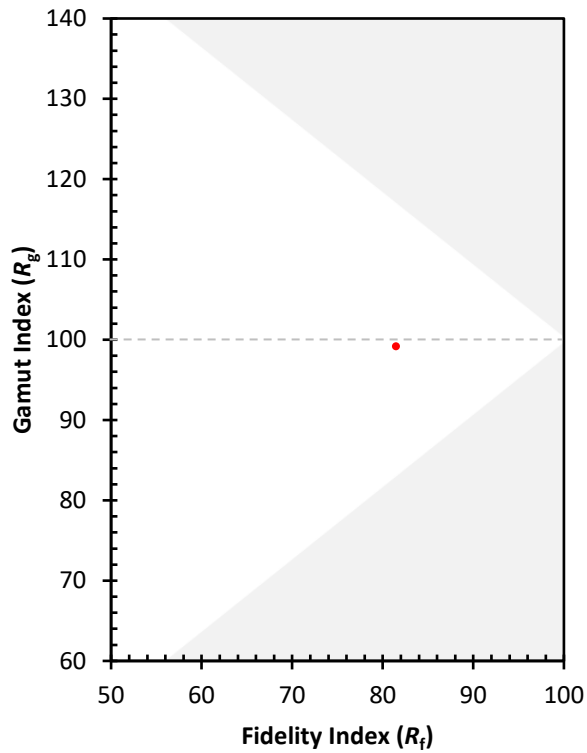
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)