

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: P1064187

Luminaire Tested: **GLAN-SA7C-830-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064187
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7C-830-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35221.5 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

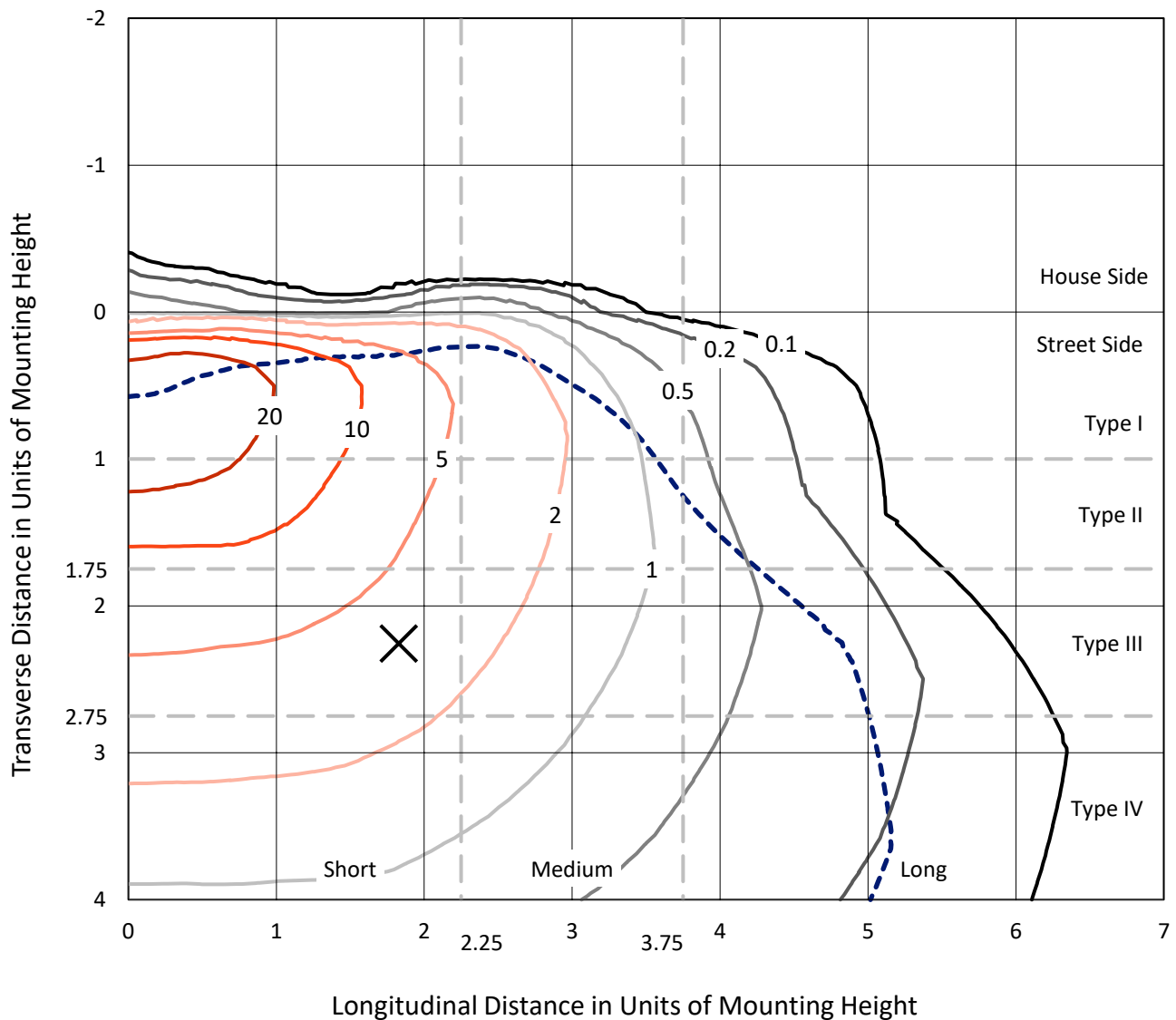


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

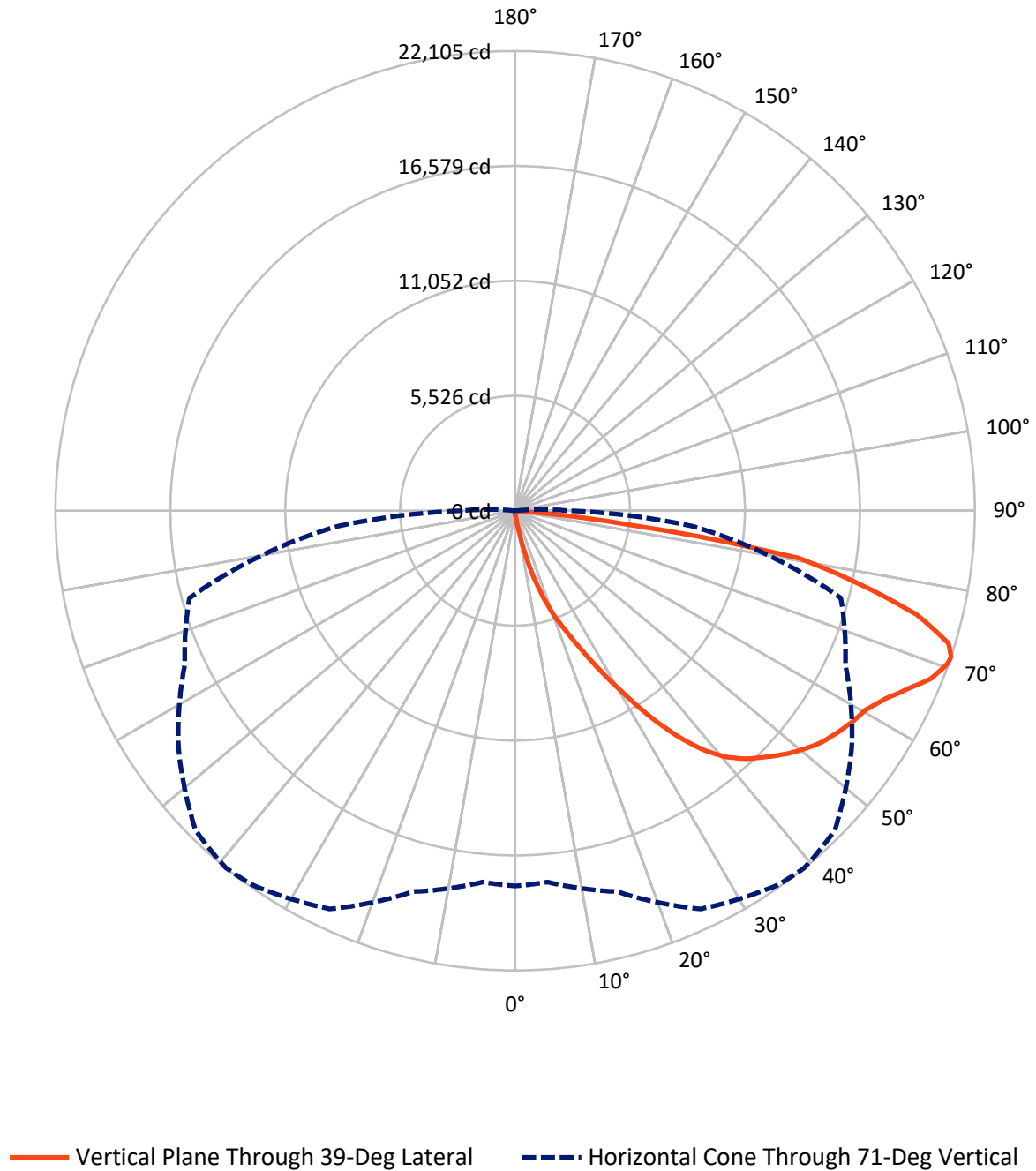


Based on 15 foot mounting height. Maximum calculated value = 36.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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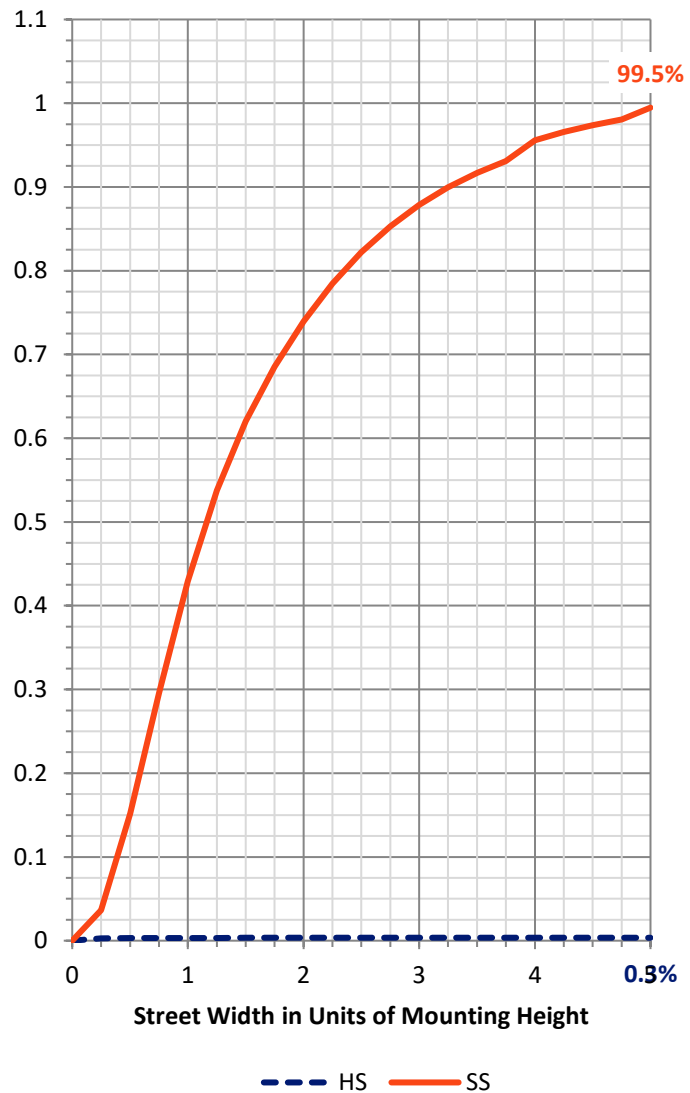
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	125.2	0.0	125.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35096.4	0.0	35096.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	35221.5	0.0	35221.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	0.1
10°-20°	376.4	1.1
20°-30°	1340.6	3.8
30°-40°	3231.0	9.2
40°-50°	5407.4	15.4
50°-60°	6945.1	19.7
60°-70°	8789.1	25.0
70°-80°	7835.8	22.2
80°-90°	1266.6	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°	35221.5	100.0
0°-180°	35221.5	100.0



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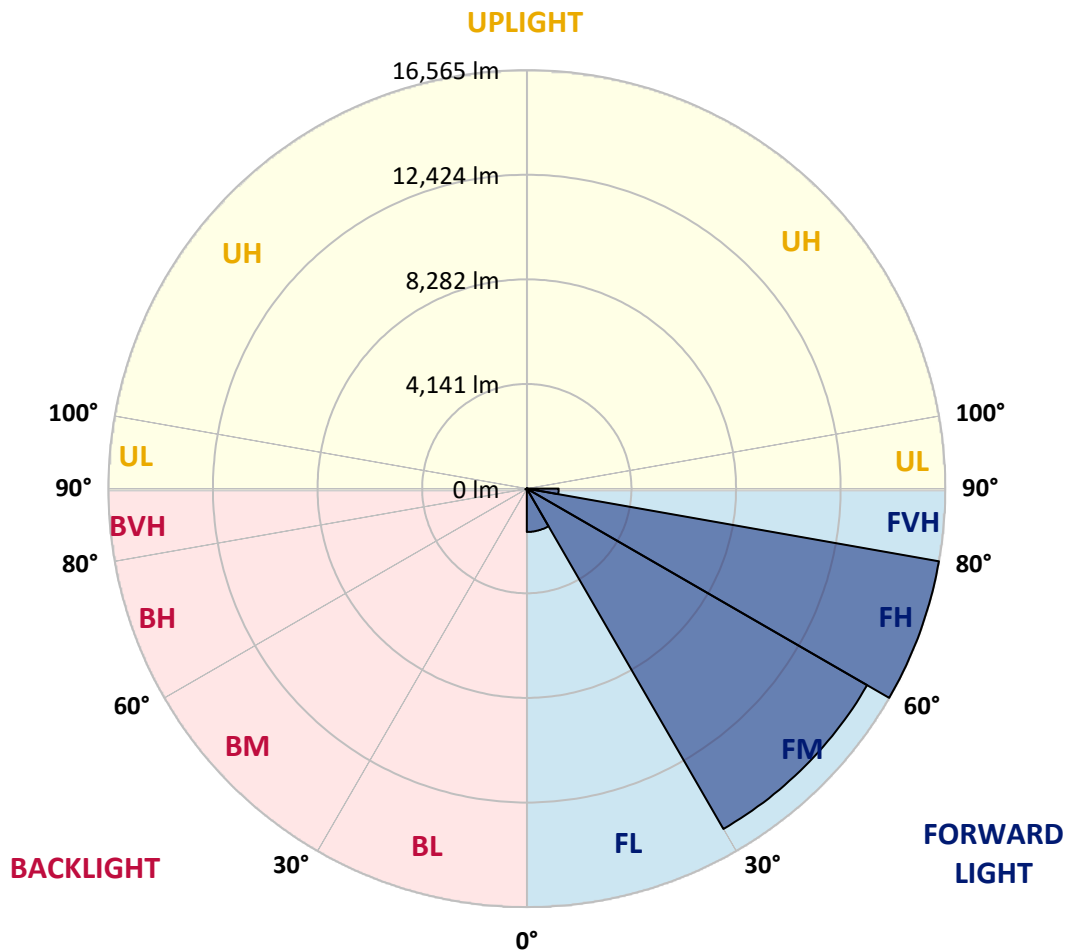
CATALOG NUMBER: GLAN-SA7C-830-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1716.2	4.9			
FM	(30°-60°)	15554.5	44.2			
FH	(60°-80°)	16564.7	47.0			G5
FVH	(80°-90°)	1260.9	3.6			G5
BL	(0°-30°)	30.3	0.1	B0/110		
BM	(30°-60°)	29.0	0.1	B0/220		
BH	(60°-80°)	60.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1
2.5°	221.7	221.7	221.7	214.6	214.6	212.2	209.8	209.8	205.1	202.7	197.9
5°	336.2	329.0	312.3	302.8	283.7	271.8	259.9	243.2	226.5	214.6	200.3
7.5°	760.6	777.3	722.4	619.9	515.0	469.7	393.4	317.1	262.3	226.5	202.7
10°	1938.4	1928.9	1742.9	1537.9	1187.4	1046.7	820.2	517.4	338.6	248.0	205.1
12.5°	3297.5	3288.0	3068.6	2789.6	2327.1	2033.8	1604.6	965.6	486.4	281.3	205.1
15°	4439.6	4401.4	4332.3	4055.7	3514.5	3268.9	2701.4	1707.2	786.8	338.6	209.8
17.5°	5195.4	5162.0	5097.7	4997.5	4654.2	4363.3	3907.9	2682.3	1273.2	438.7	219.4
20°	5889.2	5865.4	5812.9	5793.9	5572.1	5417.2	5040.4	3803.0	1983.7	596.1	233.7
22.5°	6843.0	6792.9	6814.4	6699.9	6482.9	6297.0	6065.7	4976.1	2851.6	858.4	259.9
25°	8011.3	7987.4	7927.8	7846.8	7546.3	7384.2	7028.9	6082.4	3822.0	1201.7	288.5
27.5°	9422.8	9396.6	9382.3	9196.3	8850.6	8674.1	8178.2	7126.7	4914.1	1683.3	326.7
30°	11048.9	11060.8	10967.8	10729.4	10326.4	10078.5	9568.2	8221.1	6032.3	2248.4	367.2
32.5°	12732.2	12708.4	12565.3	12284.0	11923.9	11692.7	11044.1	9420.4	7205.4	2994.7	414.9
35°	14546.7	14501.4	14124.6	13802.8	13495.2	13204.3	12613.0	10812.8	8378.5	3831.6	479.2
37.5°	16377.8	16165.6	15409.8	15002.1	14789.9	14551.4	14000.7	12298.3	9544.4	4766.2	557.9
40°	17760.7	17596.2	16699.7	15948.6	15779.4	15576.7	15166.6	13581.0	10784.2	5770.0	653.3
42.5°	18526.1	18435.5	17629.6	16888.1	16489.9	16311.1	15960.6	14701.6	12009.8	6878.7	791.6
45°	18852.7	18712.1	18173.2	17827.5	17193.3	16897.6	16480.3	15548.1	13290.1	8137.6	984.7
47.5°	18752.6	18671.5	18285.3	18411.6	17951.5	17491.3	16878.5	16196.6	14384.5	9582.5	1249.4
50°	18123.1	18054.0	17934.8	18619.1	18561.8	18018.2	17393.5	16709.2	15278.7	11072.7	1659.5
52.5°	16926.2	16897.6	17202.8	18456.9	18907.6	18483.2	17889.5	17162.3	16113.2	12629.7	2246.0
55°	15383.6	15500.4	16373.1	18204.2	19084.0	18826.5	18328.2	17586.7	16783.2	14022.1	3111.5
57.5°	14749.3	14780.3	15870.0	18025.4	19162.7	19129.3	18755.0	17992.0	17398.3	15135.6	4432.4
60°	15490.9	15443.2	16017.8	18161.3	19320.1	19401.1	19134.1	18368.7	17932.4	16091.7	6192.1
62.5°	16830.8	16804.6	16988.2	18740.7	19780.2	19944.7	19661.0	18640.5	18404.5	16721.2	8199.6
65°	18027.8	17972.9	18313.9	19768.3	20588.5	20705.3	20457.4	19105.5	18611.9	17178.9	10085.6
67.5°	18545.2	18533.2	19081.6	20745.9	21437.3	21563.7	21346.7	19746.8	18564.2	17324.4	10917.8
70°	18309.1	18263.8	19141.2	21160.7	21916.6	22059.6	21849.8	19985.3	18046.8	16864.2	9685.1
71°	18049.2	17927.6	18962.4	21132.1	21983.3	22104.9	21737.7	19768.3	17527.1	16210.9	8566.8
72.5°	17243.3	17264.8	18471.2	20834.1	21823.6	21787.8	21103.5	18991.0	16900.0	14727.9	6881.1
75°	15259.6	15385.9	16880.9	19582.3	20397.8	19942.4	18895.6	17505.6	15641.1	10560.1	4778.2
77.5°	12469.9	12658.3	14301.1	17174.2	16942.9	16897.6	16854.7	15424.1	13356.9	5672.3	3323.7
80°	5953.6	6361.3	8626.4	12260.1	13318.8	13831.4	13509.5	12429.4	10328.8	2701.4	1986.1
82.5°	388.6	383.9	543.6	1030.0	4341.8	5612.7	8917.3	8883.9	7200.6	1316.1	810.7
85°	183.6	188.4	207.4	236.0	274.2	300.4	414.9	2432.0	3445.3	627.1	176.4
87.5°	107.3	109.7	128.8	164.5	214.6	238.4	283.7	364.8	448.3	345.7	38.1
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: P1064187

CATALOG NUMBER: GLAN-SA7C-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1
2.5°	195.5	193.1	186.0	178.8	171.7	166.9	164.5	166.9	166.9	169.3	169.3
5°	195.5	188.4	176.4	162.1	152.6	143.1	138.3	135.9	138.3	138.3	138.3
7.5°	193.1	181.2	164.5	147.8	135.9	124.0	119.2	116.8	116.8	119.2	119.2
10°	188.4	176.4	155.0	135.9	121.6	107.3	100.1	93.0	93.0	93.0	95.4
12.5°	186.0	169.3	143.1	124.0	104.9	88.2	73.9	66.8	69.1	69.1	69.1
15°	181.2	162.1	135.9	112.1	88.2	66.8	54.8	47.7	50.1	52.5	50.1
17.5°	181.2	159.7	126.4	97.8	69.1	50.1	40.5	35.8	35.8	38.1	38.1
20°	181.2	155.0	119.2	83.5	52.5	38.1	28.6	26.2	26.2	31.0	33.4
22.5°	186.0	155.0	109.7	69.1	42.9	28.6	21.5	19.1	21.5	26.2	28.6
25°	193.1	152.6	100.1	62.0	35.8	21.5	16.7	11.9	14.3	19.1	21.5
27.5°	200.3	150.2	90.6	54.8	28.6	16.7	11.9	9.5	7.2	9.5	9.5
30°	207.4	150.2	81.1	45.3	23.8	11.9	7.2	4.8	2.4	0.0	0.0
32.5°	212.2	145.4	73.9	35.8	19.1	9.5	4.8	2.4	0.0	0.0	0.0
35°	217.0	140.7	64.4	28.6	14.3	7.2	2.4	0.0	0.0	0.0	0.0
37.5°	221.7	133.5	54.8	23.8	11.9	4.8	0.0	0.0	0.0	0.0	0.0
40°	226.5	124.0	45.3	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	231.3	116.8	38.1	16.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	243.2	112.1	31.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	264.7	107.3	28.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	295.7	102.5	26.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	338.6	100.1	23.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	414.9	97.8	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	546.0	95.4	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	836.9	90.6	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1495.0	88.2	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2606.0	90.6	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3736.2	95.4	16.7	7.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	3197.4	83.5	16.7	9.5	4.8	2.4	0.0	0.0	0.0	0.0	0.0
71°	2606.0	73.9	16.7	9.5	4.8	2.4	2.4	0.0	0.0	0.0	0.0
72.5°	1676.2	57.2	14.3	9.5	4.8	4.8	2.4	0.0	0.0	0.0	0.0
75°	708.1	47.7	14.3	9.5	7.2	4.8	4.8	2.4	0.0	0.0	0.0
77.5°	302.8	35.8	14.3	11.9	9.5	7.2	7.2	4.8	2.4	0.0	0.0
80°	114.4	28.6	16.7	14.3	11.9	11.9	9.5	4.8	2.4	0.0	0.0
82.5°	52.5	23.8	16.7	14.3	14.3	11.9	9.5	7.2	4.8	0.0	0.0
85°	33.4	21.5	16.7	14.3	14.3	11.9	11.9	7.2	4.8	0.0	0.0
87.5°	26.2	21.5	16.7	16.7	14.3	14.3	9.5	7.2	2.4	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

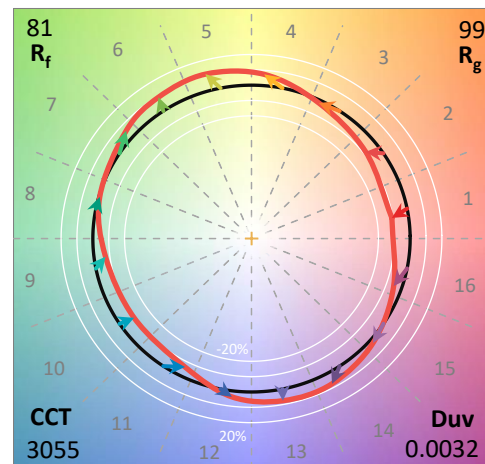
Test Information

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

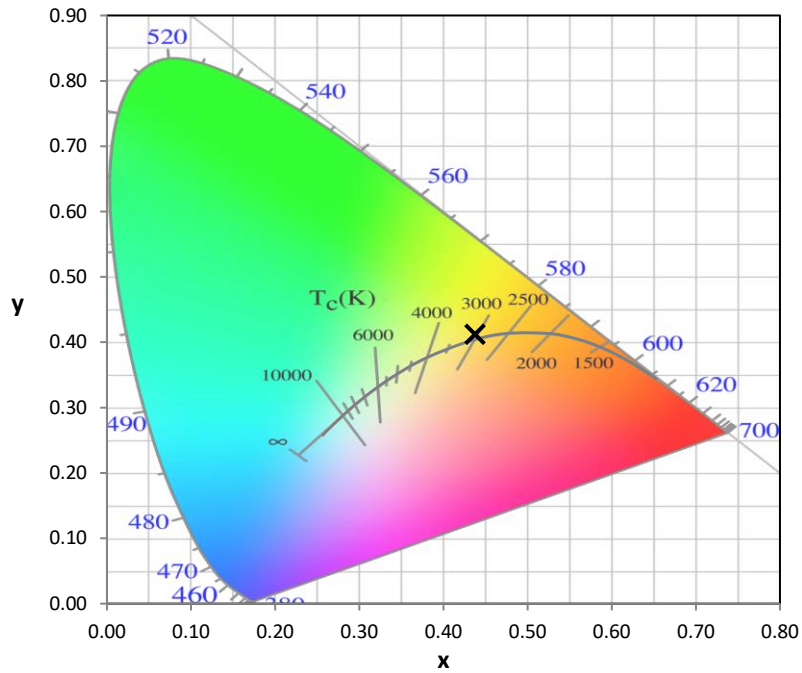
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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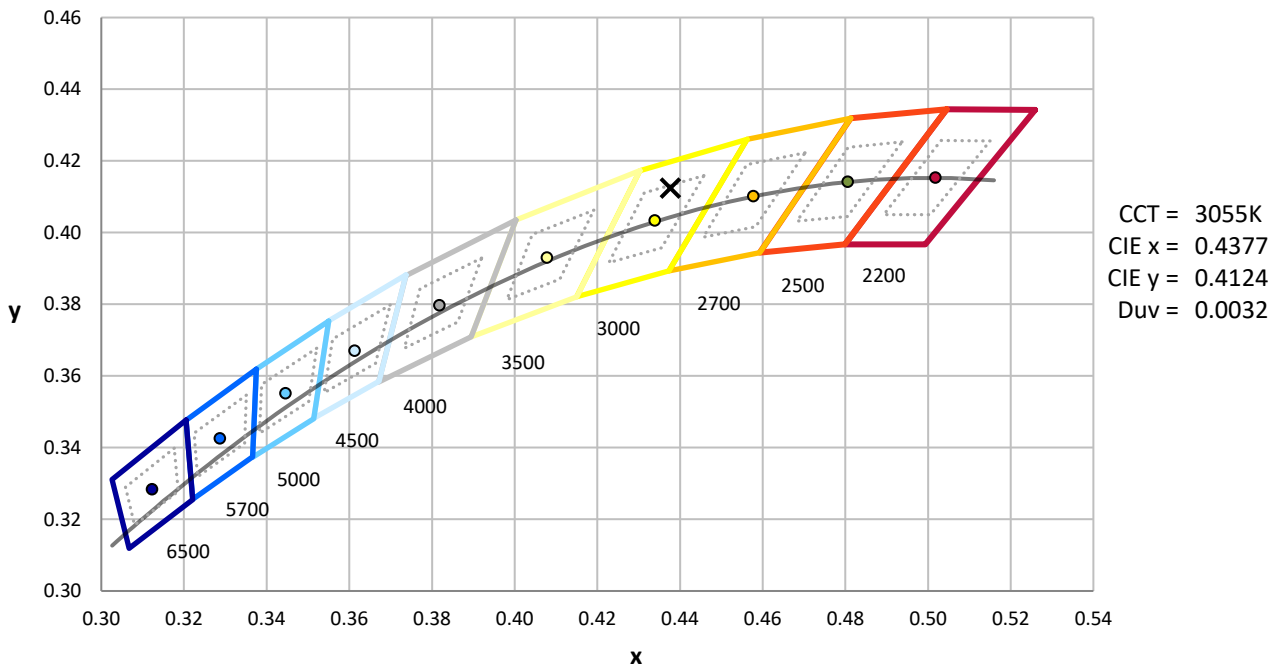
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



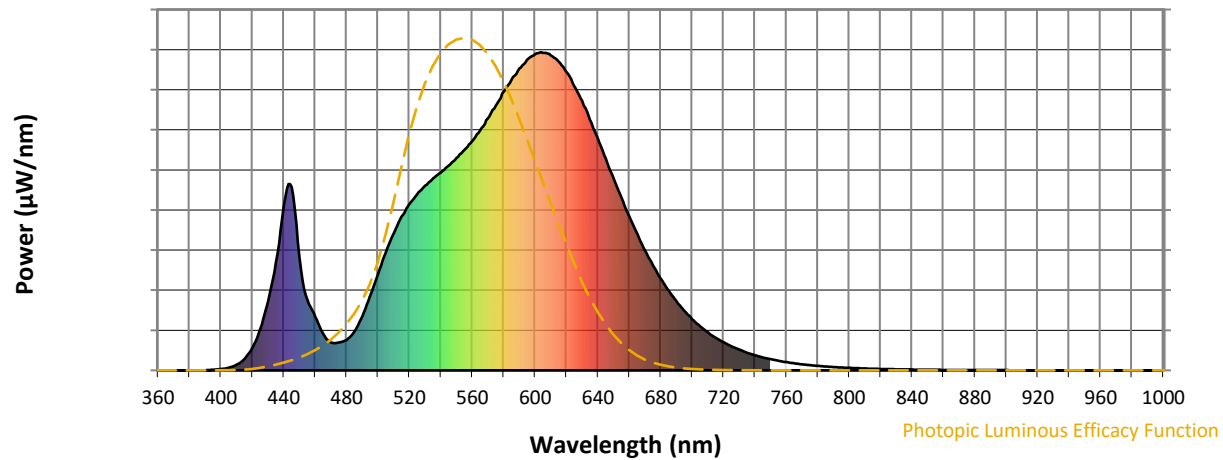
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

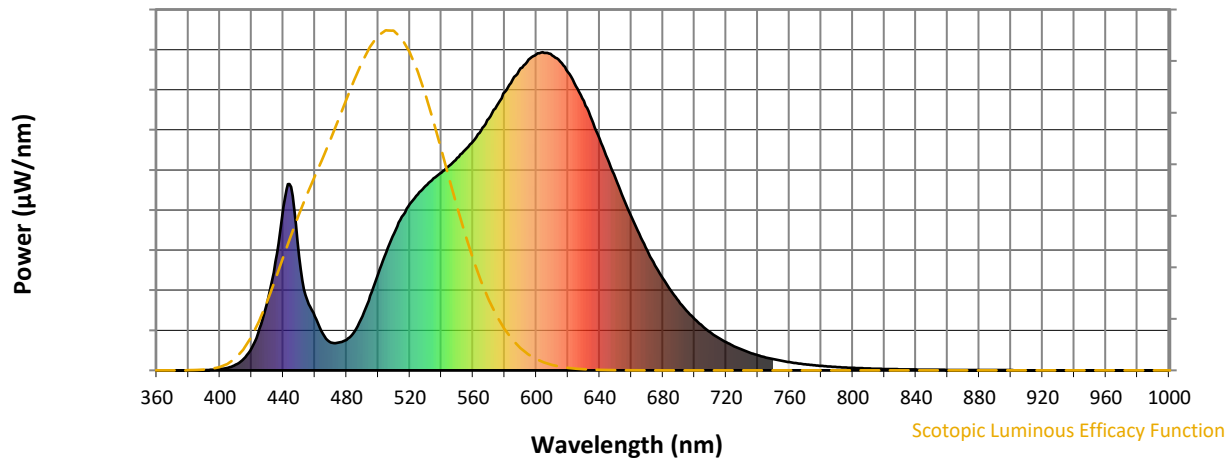


Photopic Lumens: NR

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	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



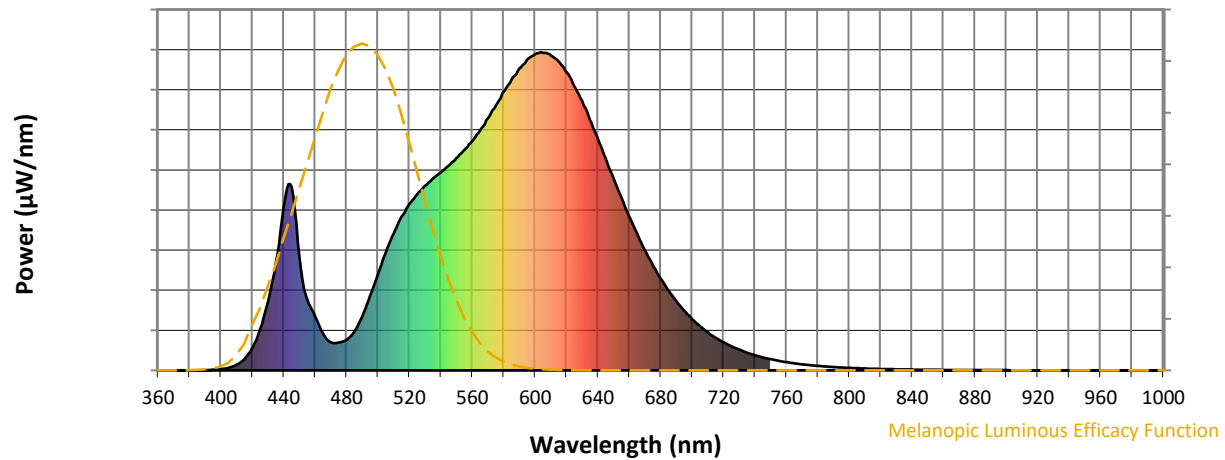
Scotopic Lumens: NR

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

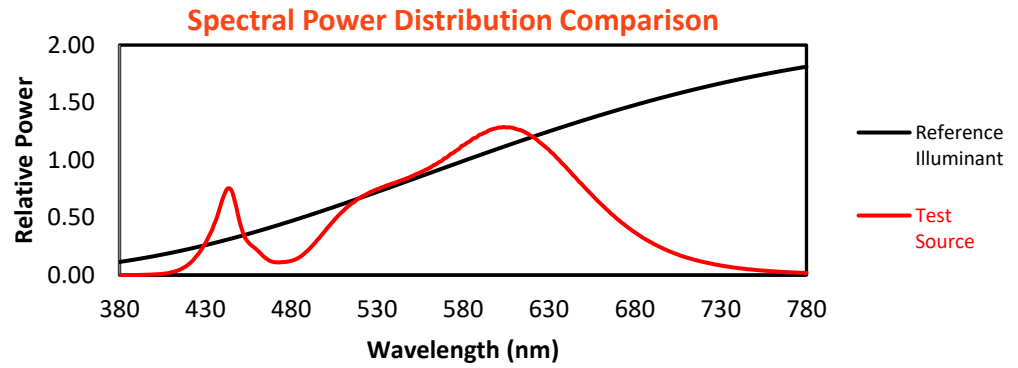
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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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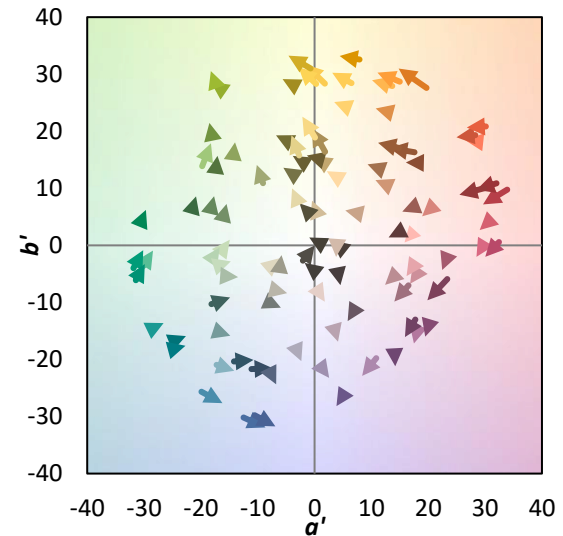
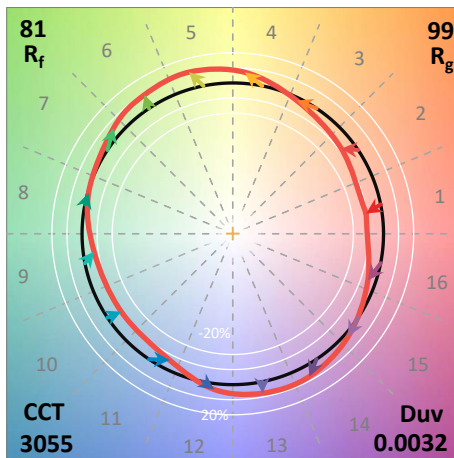
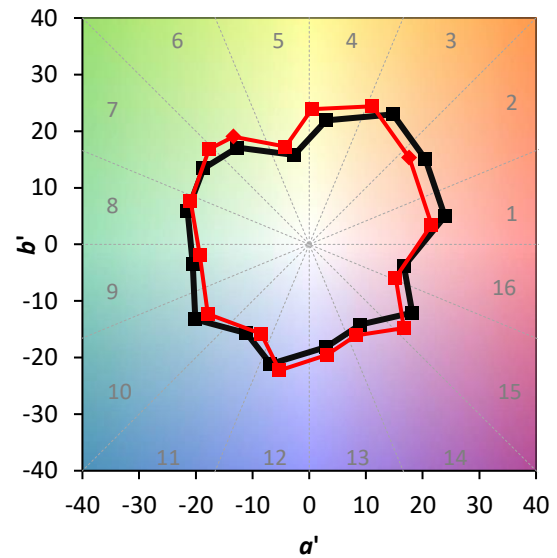
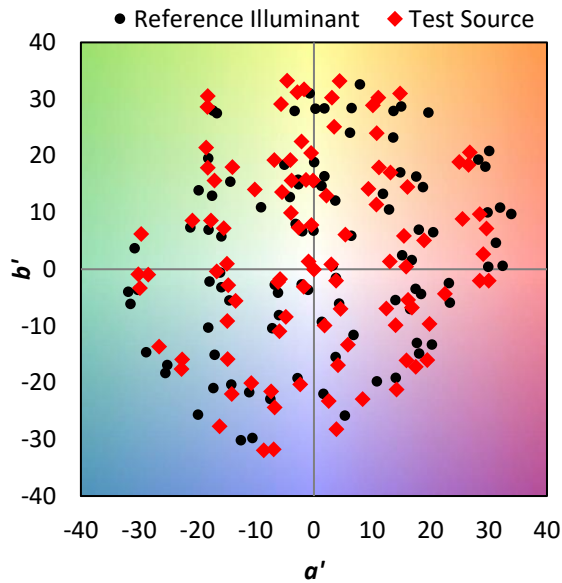
TM-30-18

Summary

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

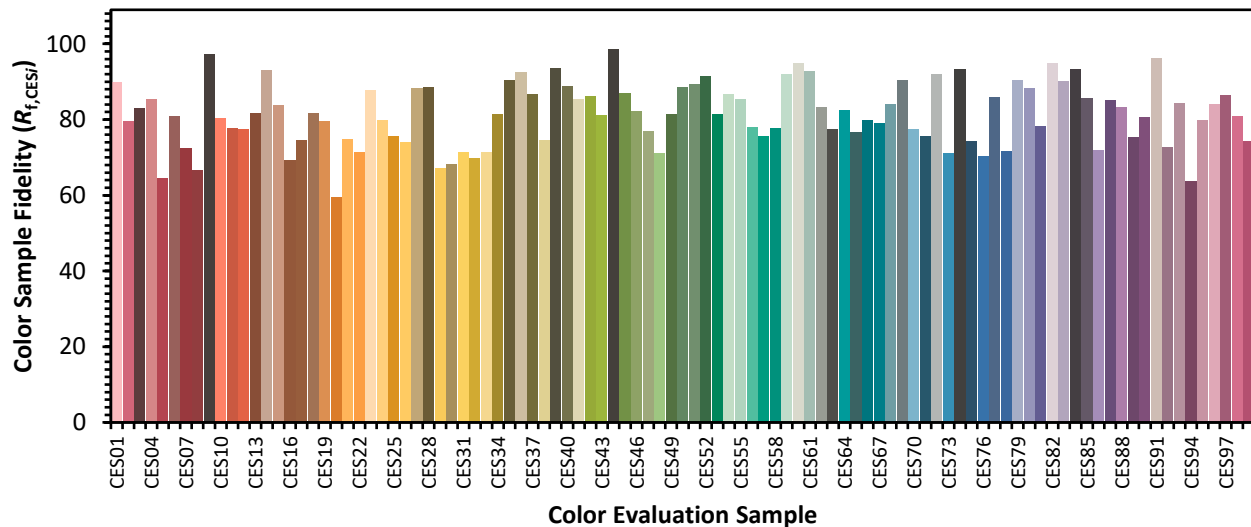


Color Vector Graphics

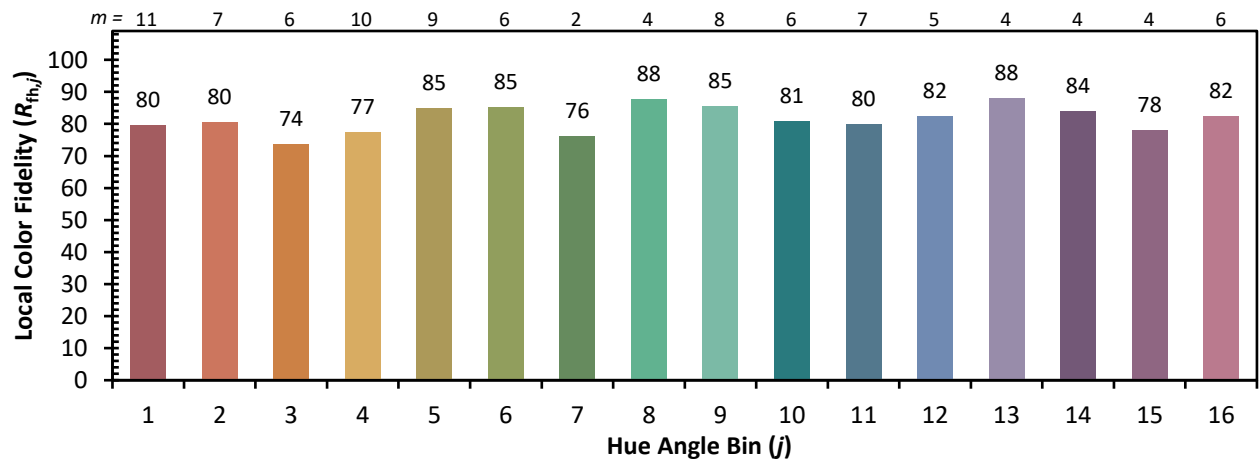
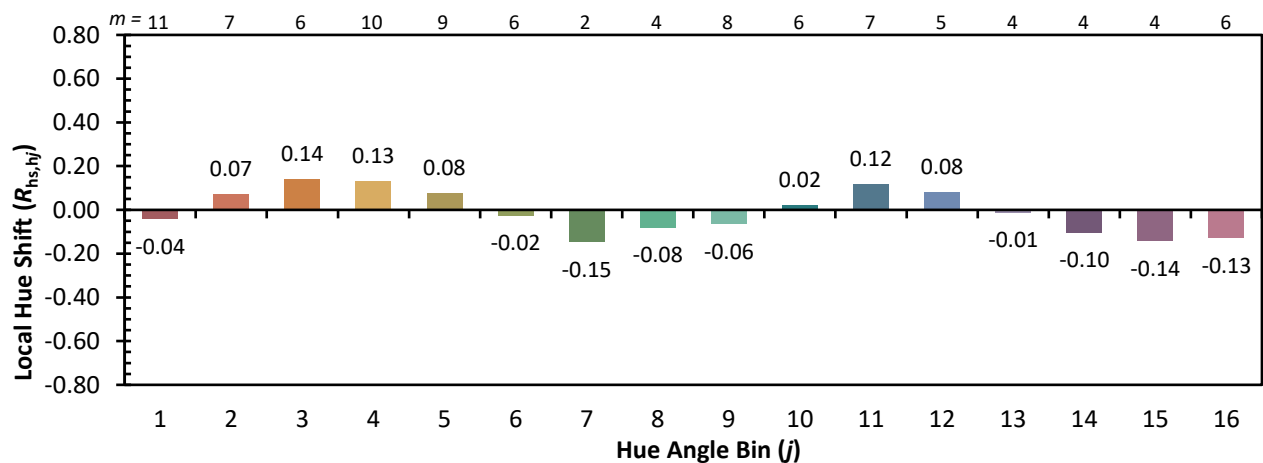
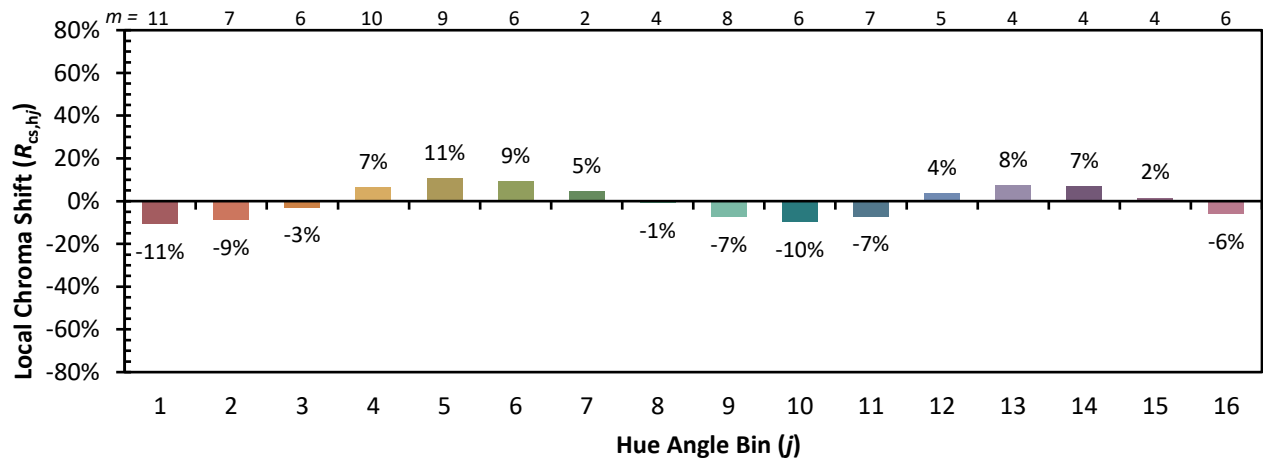


Individual Sample Fidelity Index ($R_{f,i}$)

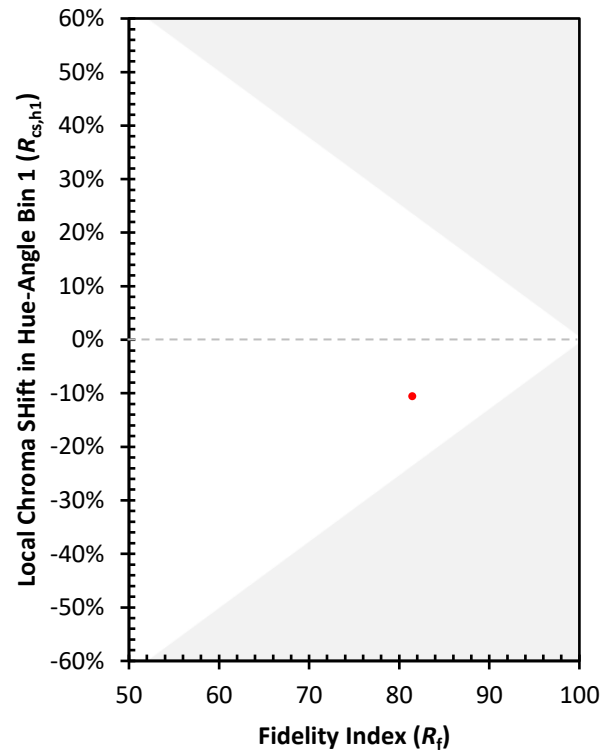
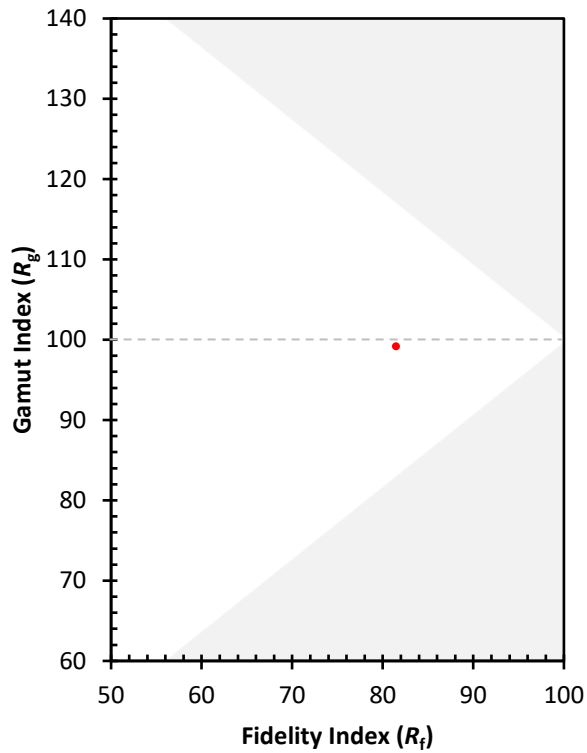
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)