

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: P1063579

Luminaire Tested: **GLAN-SA8C-830-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063579
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8C-830-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39540 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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



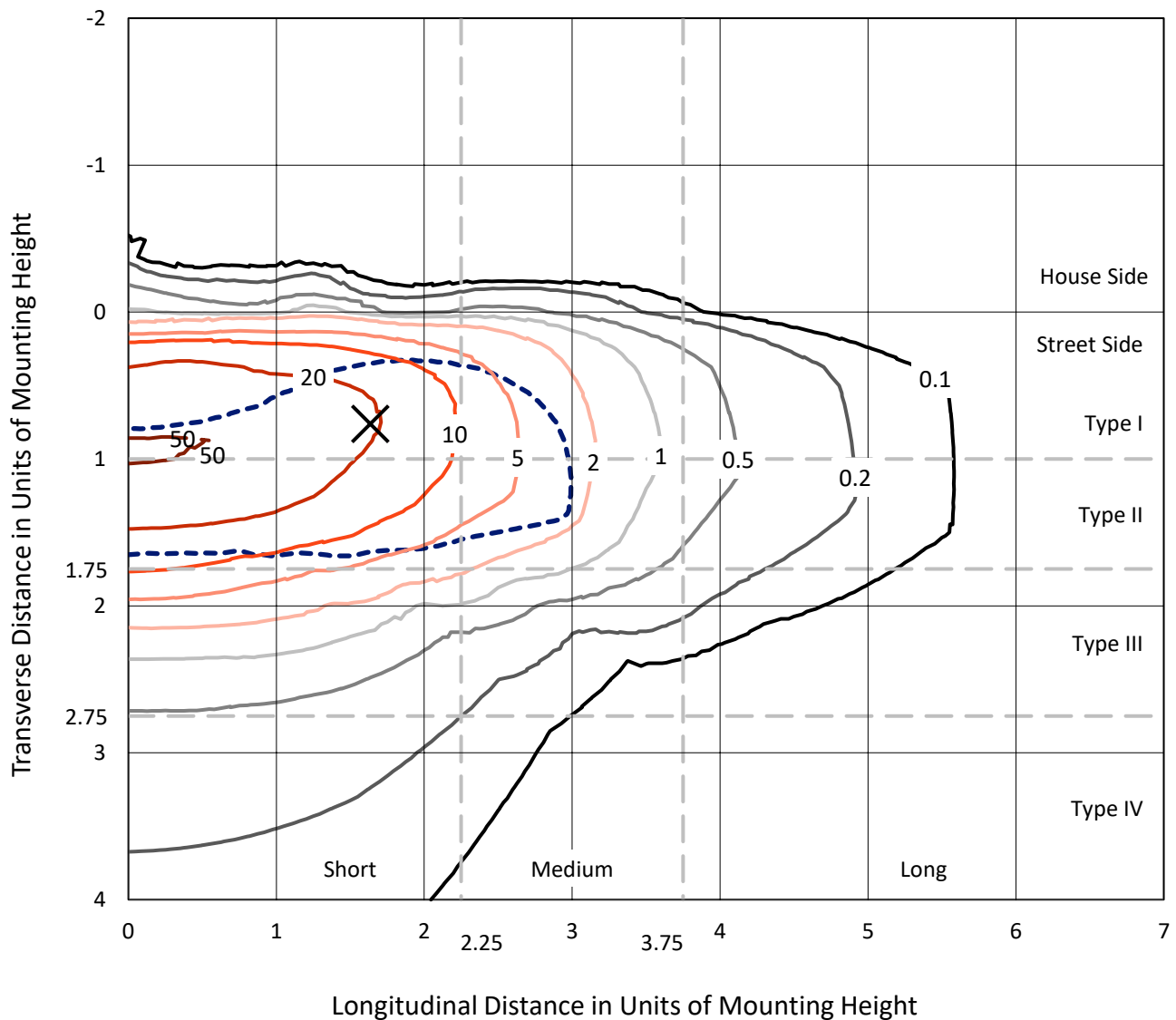
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CATALOG NUMBER: GLAN-SA8C-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

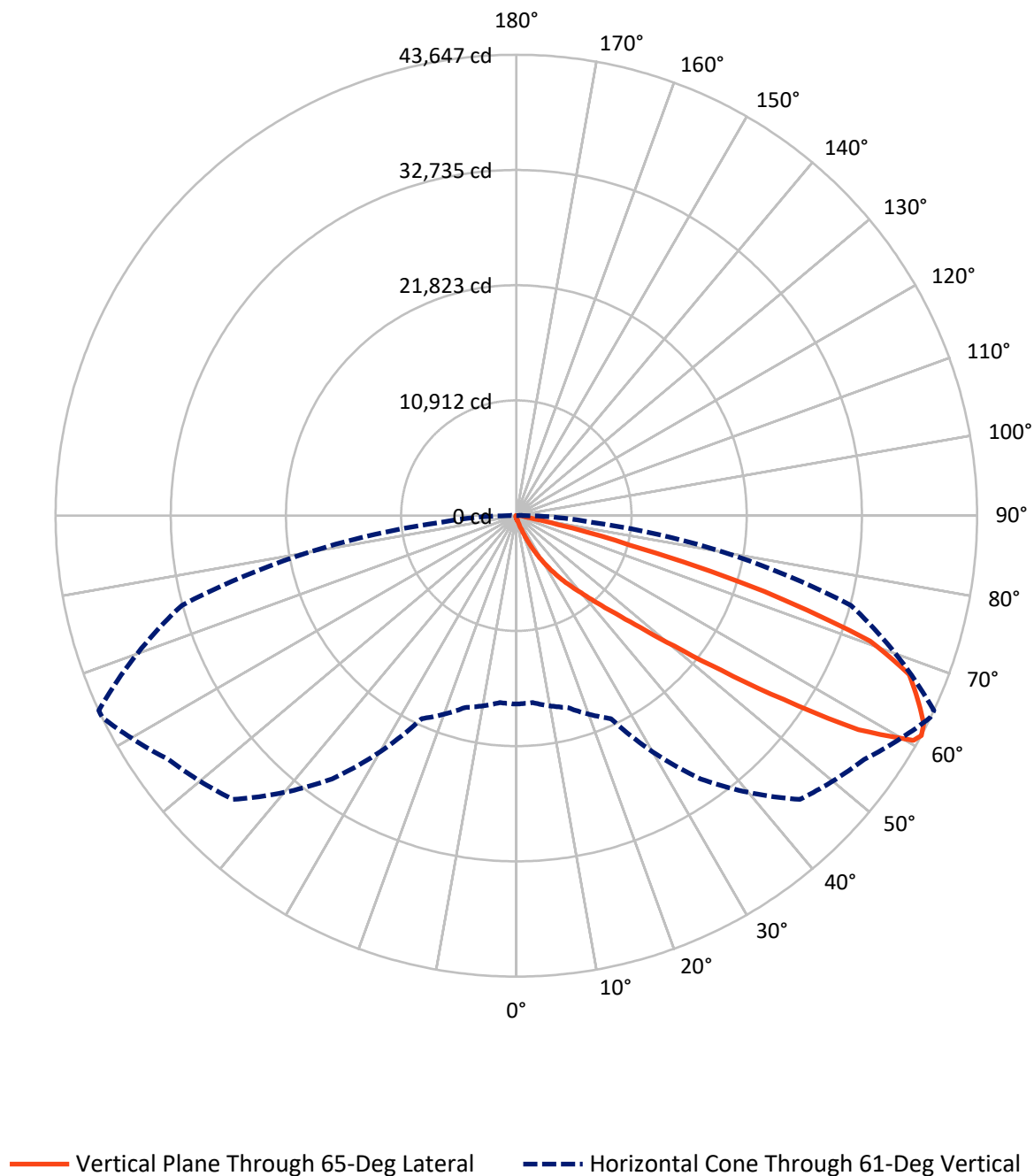


Based on 15 foot mounting height. Maximum calculated value = 52.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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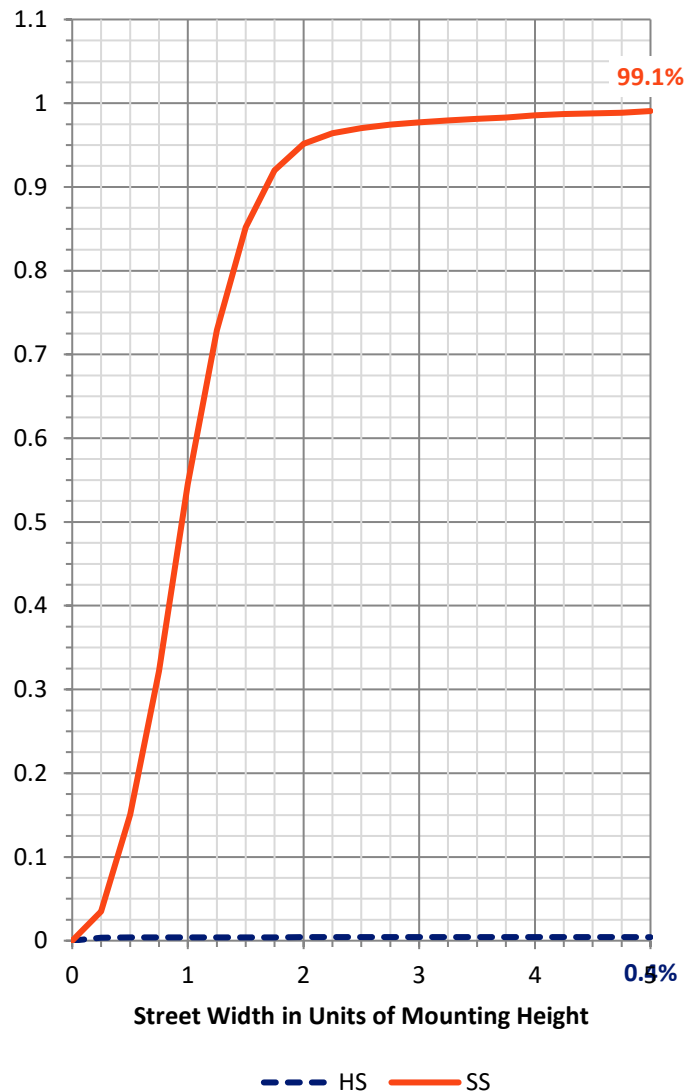
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	168.8	0.0	168.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	39371.2	0.0	39371.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	39540.0	0.0	39540.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	0.1
10°-20°	325.1	0.8
20°-30°	1166.9	3.0
30°-40°	3106.7	7.9
40°-50°	8161.3	20.6
50°-60°	12643.4	32.0
60°-70°	10601.3	26.8
70°-80°	3119.8	7.9
80°-90°	384.8	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°	39540.0	100.0
0°-180°	39540.0	100.0



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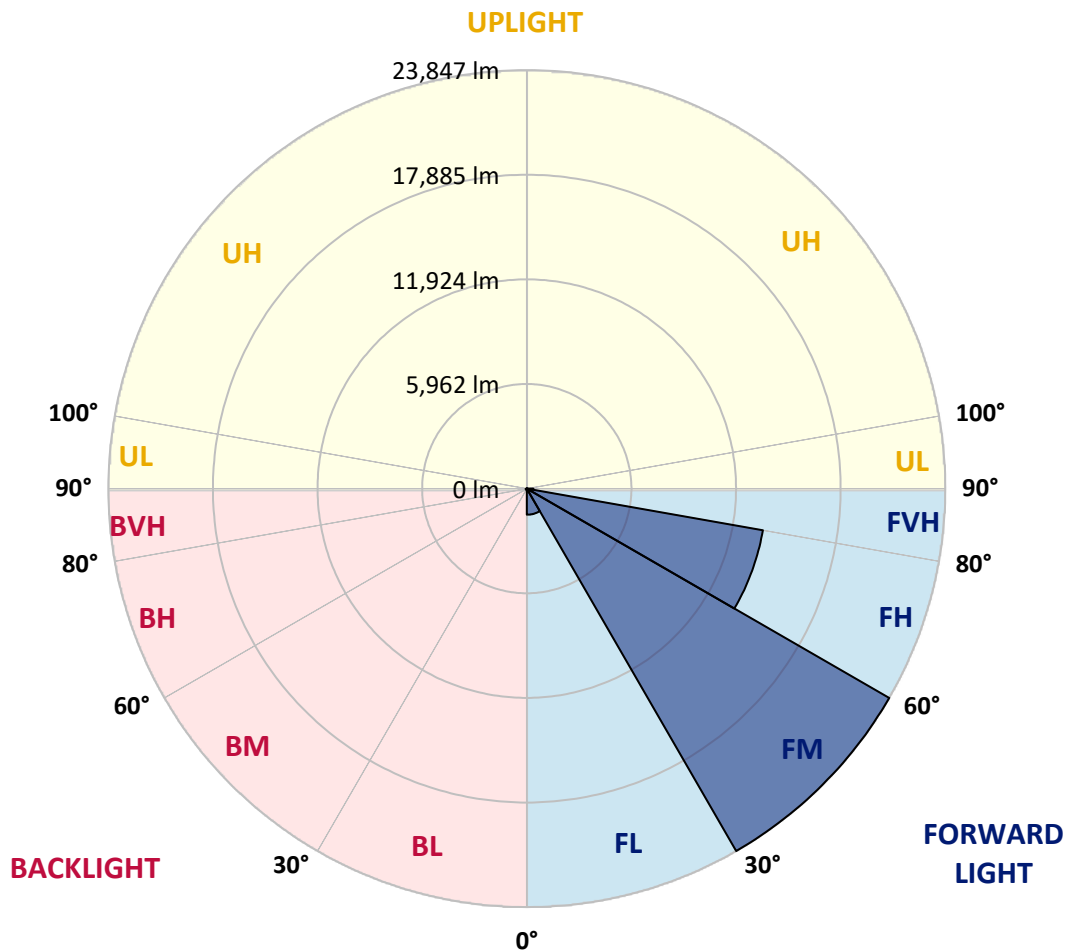
CATALOG NUMBER: GLAN-SA8C-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1484.9	3.8			
FM	(30°-60°)	23847.1	60.3			
FH	(60°-80°)	13661.5	34.6			G5
FVH	(80°-90°)	377.7	1.0			G3/500
BL	(0°-30°)	37.9	0.1	B0/110		
BM	(30°-60°)	64.2	0.2	B0/220		
BH	(60°-80°)	59.5	0.2	B0/110		G0/110
BVH	(80°-90°)	7.1	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1
2.5°	293.8	296.5	291.0	280.2	272.0	272.0	269.3	261.1	261.1	253.0	247.5
5°	410.7	405.3	394.4	372.6	353.6	334.6	315.5	296.5	293.8	269.3	253.0
7.5°	671.8	677.3	641.9	573.9	516.8	443.3	375.3	334.6	329.1	288.3	255.7
10°	1474.2	1433.4	1351.8	1088.0	894.9	674.5	500.5	388.9	383.5	310.1	261.1
12.5°	2687.3	2654.6	2505.1	2233.1	1735.3	1207.6	731.7	481.4	465.1	329.1	263.8
15°	3873.2	3821.5	3739.9	3465.2	2883.1	2165.1	1196.8	658.2	614.7	356.3	261.1
17.5°	4629.3	4637.5	4564.0	4447.1	4071.7	3204.1	2067.1	981.9	897.6	405.3	255.7
20°	5290.3	5271.2	5312.0	5249.5	4985.6	4354.6	3008.2	1555.8	1411.6	484.1	258.4
22.5°	6051.8	6098.1	6128.0	6114.4	5823.4	5284.8	4077.2	2328.3	2146.0	628.3	266.6
25°	7071.8	7066.4	7069.1	7033.7	6750.9	6152.5	5148.8	3288.4	3103.4	862.2	285.6
27.5°	8140.7	8173.4	8187.0	8059.1	7689.2	7101.7	6141.6	4338.3	4120.7	1237.6	310.1
30°	9601.3	9574.1	9511.6	9250.5	8801.7	8072.7	7120.8	5439.9	5211.4	1762.5	348.2
32.5°	11570.6	11540.6	11225.1	10648.5	9976.7	9084.6	8105.4	6544.1	6266.7	2418.0	399.8
35°	14815.4	14861.7	14086.5	12593.3	11388.3	10300.4	9196.1	7643.0	7398.2	3225.8	470.5
37.5°	19784.7	19531.8	18479.2	15840.9	13246.0	11818.1	10237.8	8752.7	8540.6	4221.3	563.0
40°	24612.6	24362.4	24057.8	21558.1	16474.6	13490.8	11695.7	10055.6	9780.9	5344.7	699.0
42.5°	29688.0	29549.3	29535.7	27650.8	22366.0	16121.0	13450.0	11581.4	11347.5	6576.8	922.1
45°	33283.7	33145.0	33436.1	33765.2	30389.7	21756.7	16504.5	13564.3	13224.3	8072.7	1278.4
47.5°	33767.9	33773.3	34551.2	35582.1	36351.8	30474.1	20573.5	16191.7	15778.3	10213.3	1876.7
50°	32157.7	32220.3	33457.8	35301.9	37374.5	37787.9	27748.7	20005.1	19393.1	12751.0	2725.4
52.5°	29092.3	29163.1	30887.5	33920.2	36433.4	39545.0	36196.8	24993.4	24288.9	15917.0	3922.1
55°	26331.6	26375.1	28352.5	32184.9	35299.2	38590.3	41212.3	31654.5	30729.7	19811.9	5102.6
57.5°	23598.1	23497.4	24784.0	29171.2	35106.1	37418.0	41952.1	39245.8	38225.9	24068.6	6021.9
60°	19942.5	19773.9	20807.4	23598.1	32565.7	38187.8	40567.7	43445.4	43214.2	29995.4	6731.8
61°	17840.0	17769.3	18808.3	21201.8	30427.8	37991.9	40235.9	43622.2	43646.7	32799.6	7050.1
62.5°	12740.1	12941.4	14529.8	17641.4	25485.7	36721.7	40279.4	43075.5	43317.6	36525.9	7874.2
65°	5662.9	5986.6	7221.4	9753.7	14820.9	30547.5	39893.2	41876.0	41756.3	37548.6	10713.8
67.5°	3359.1	3408.1	4022.8	5526.9	7849.7	16431.1	35204.0	40290.3	40129.8	32688.1	13330.4
70°	2646.5	2671.0	2866.8	3467.9	4555.9	6293.9	20092.1	34858.6	35557.6	26505.7	13050.2
72.5°	2510.5	2505.1	2532.3	2638.3	2869.5	3122.5	7779.0	23171.1	24593.6	19088.4	10942.3
75°	2477.9	2467.0	2439.8	2399.0	2078.0	1838.7	2409.9	10248.7	11072.8	13042.0	8238.7
77.5°	2404.4	2407.1	2412.6	2301.1	1781.6	1300.1	1166.8	3288.4	4044.5	8276.7	5856.0
80°	1626.5	1651.0	1691.8	1648.3	1602.0	941.1	824.1	1169.6	1185.9	4645.6	3867.7
82.5°	824.1	824.1	805.1	718.1	620.1	612.0	655.5	848.6	859.5	2350.0	1819.6
85°	497.7	524.9	535.8	486.9	446.1	410.7	500.5	674.5	699.0	911.2	424.3
87.5°	111.5	114.2	125.1	165.9	242.1	329.1	465.1	617.4	628.3	584.8	51.7
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: P1063579

CATALOG NUMBER: GLAN-SA8C-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1	242.1
2.5°	244.8	239.4	236.6	228.5	220.3	212.2	206.7	204.0	206.7	209.4	209.4
5°	242.1	233.9	220.3	206.7	195.8	185.0	174.1	171.4	171.4	174.1	174.1
7.5°	242.1	228.5	209.4	193.1	176.8	160.5	152.3	146.9	149.6	149.6	149.6
10°	242.1	225.8	201.3	176.8	157.8	138.7	125.1	119.7	119.7	119.7	119.7
12.5°	239.4	223.0	193.1	163.2	136.0	114.2	97.9	89.8	92.5	92.5	92.5
15°	233.9	214.9	182.2	138.7	108.8	87.0	70.7	62.6	65.3	70.7	73.4
17.5°	225.8	206.7	163.2	117.0	87.0	65.3	49.0	43.5	46.2	54.4	54.4
20°	223.0	198.6	144.2	95.2	65.3	46.2	32.6	27.2	29.9	40.8	43.5
22.5°	223.0	193.1	130.6	78.9	49.0	29.9	19.0	10.9	10.9	19.0	19.0
25°	225.8	190.4	119.7	65.3	35.4	21.8	10.9	5.4	10.9	29.9	35.4
27.5°	231.2	187.7	114.2	54.4	27.2	19.0	8.2	19.0	32.6	32.6	32.6
30°	236.6	182.2	106.1	46.2	24.5	13.6	13.6	27.2	27.2	32.6	35.4
32.5°	244.8	179.5	100.6	40.8	19.0	10.9	19.0	16.3	16.3	19.0	21.8
35°	261.1	182.2	95.2	40.8	19.0	13.6	16.3	8.2	5.4	5.4	5.4
37.5°	282.9	185.0	87.0	35.4	16.3	16.3	8.2	0.0	0.0	0.0	0.0
40°	318.2	193.1	81.6	32.6	13.6	13.6	2.7	0.0	0.0	0.0	0.0
42.5°	378.1	209.4	78.9	29.9	13.6	10.9	0.0	0.0	0.0	0.0	0.0
45°	497.7	247.5	73.4	27.2	13.6	5.4	0.0	0.0	0.0	0.0	0.0
47.5°	715.3	337.3	70.7	21.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	1044.5	456.9	68.0	19.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1332.8	481.4	46.2	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1365.4	331.8	35.4	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1088.0	214.9	29.9	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	824.1	163.2	27.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	791.5	146.9	27.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	873.1	127.8	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1419.8	106.1	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2467.0	92.5	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3117.0	87.0	16.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2717.2	78.9	16.3	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1634.7	68.0	16.3	10.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	856.8	51.7	16.3	13.6	8.2	2.7	0.0	0.0	0.0	0.0	0.0
80°	416.1	46.2	19.0	13.6	10.9	5.4	0.0	0.0	0.0	0.0	0.0
82.5°	163.2	38.1	21.8	19.0	13.6	8.2	2.7	0.0	0.0	0.0	0.0
85°	73.4	32.6	24.5	21.8	19.0	10.9	2.7	0.0	0.0	0.0	0.0
87.5°	38.1	29.9	27.2	24.5	19.0	13.6	5.4	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: SP1-2407-184-9

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

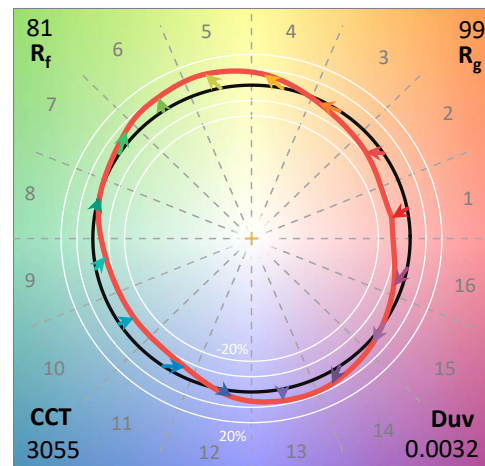
Test Information

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

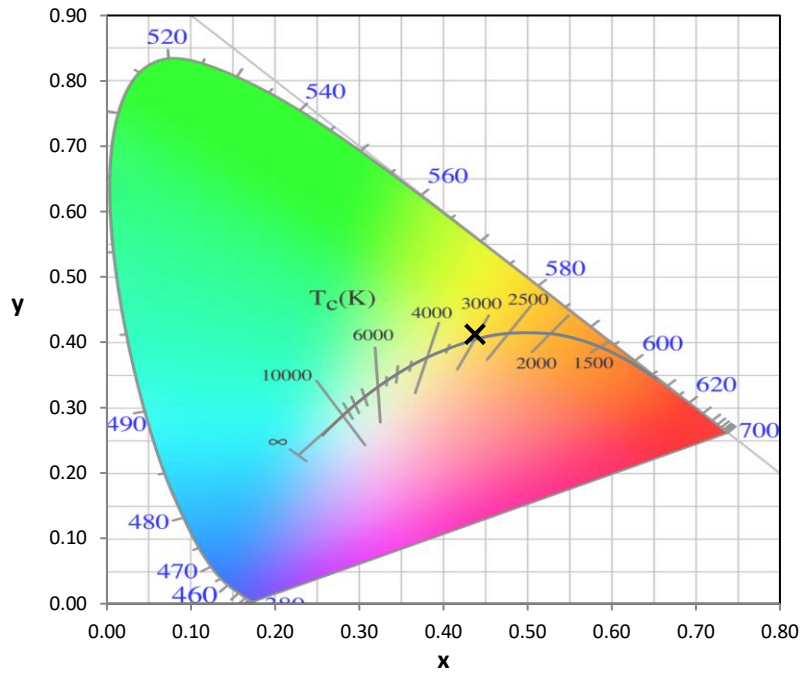
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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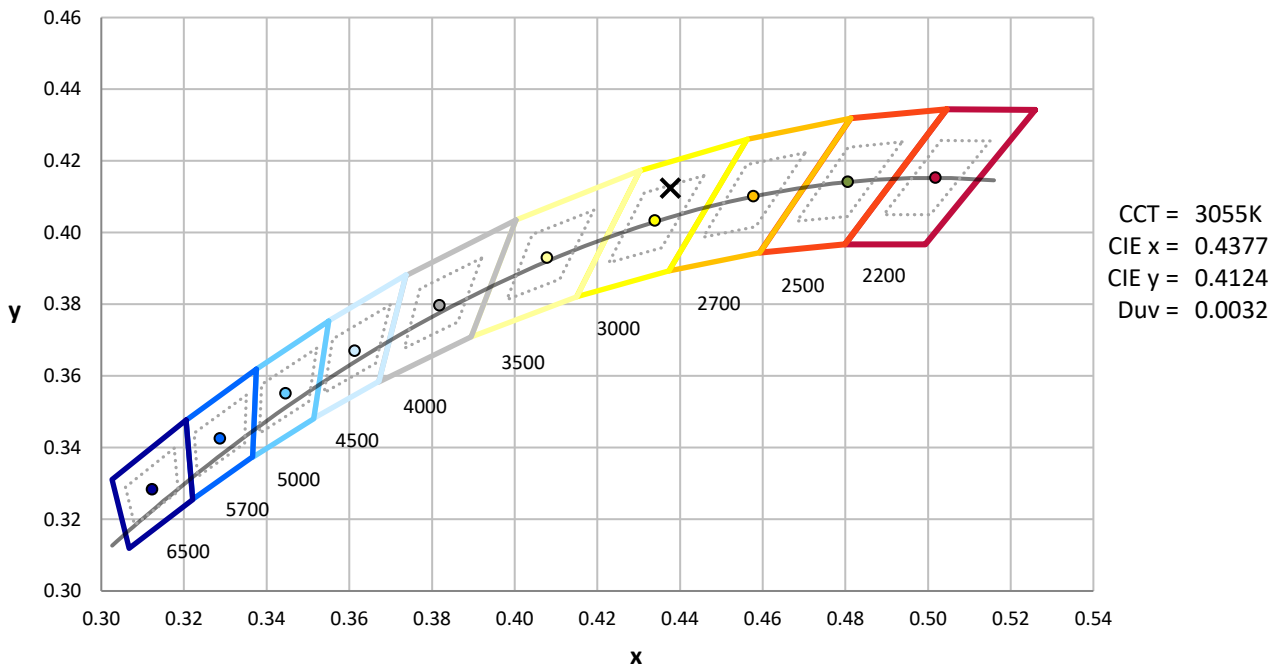
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



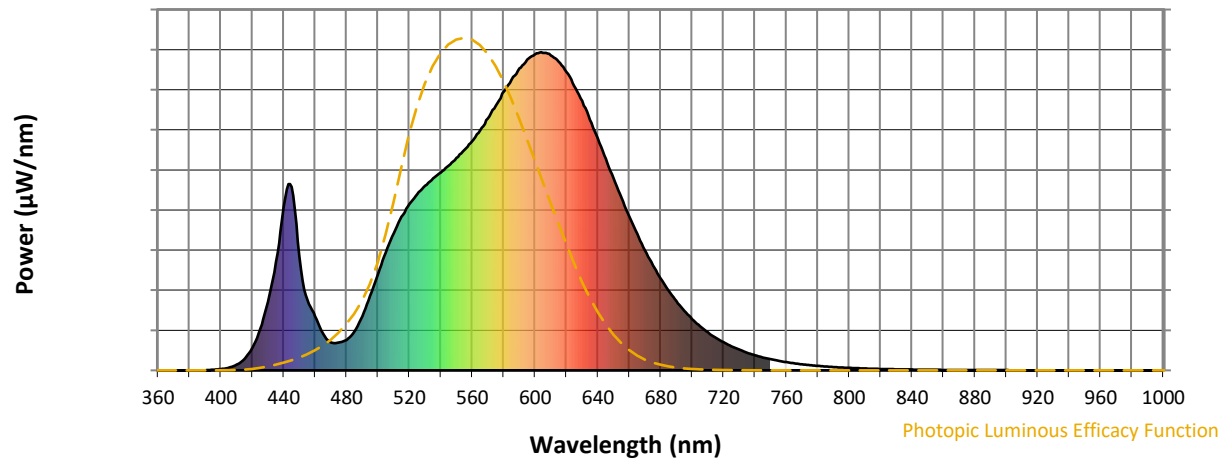
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

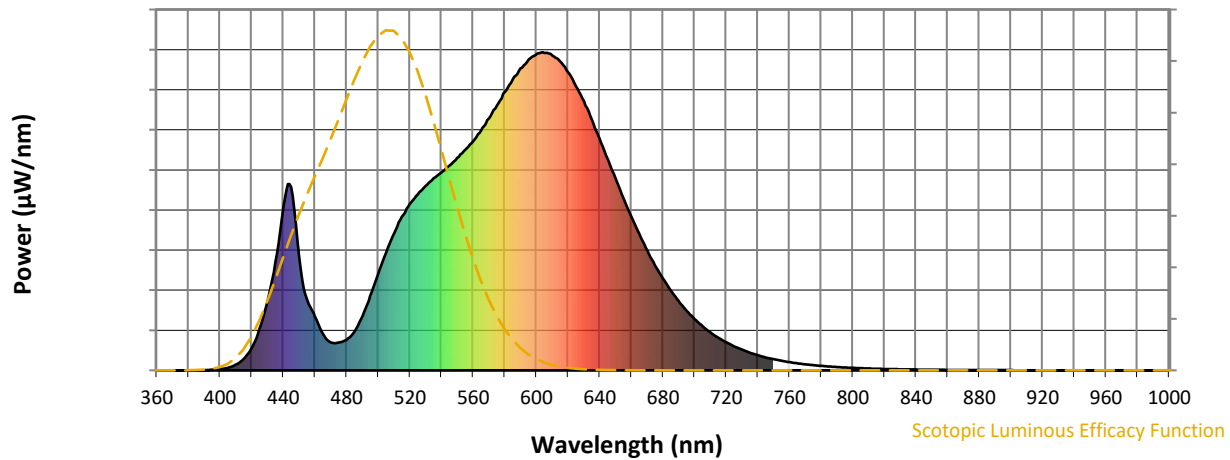


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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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Scotopic Flux vs. Wavelength



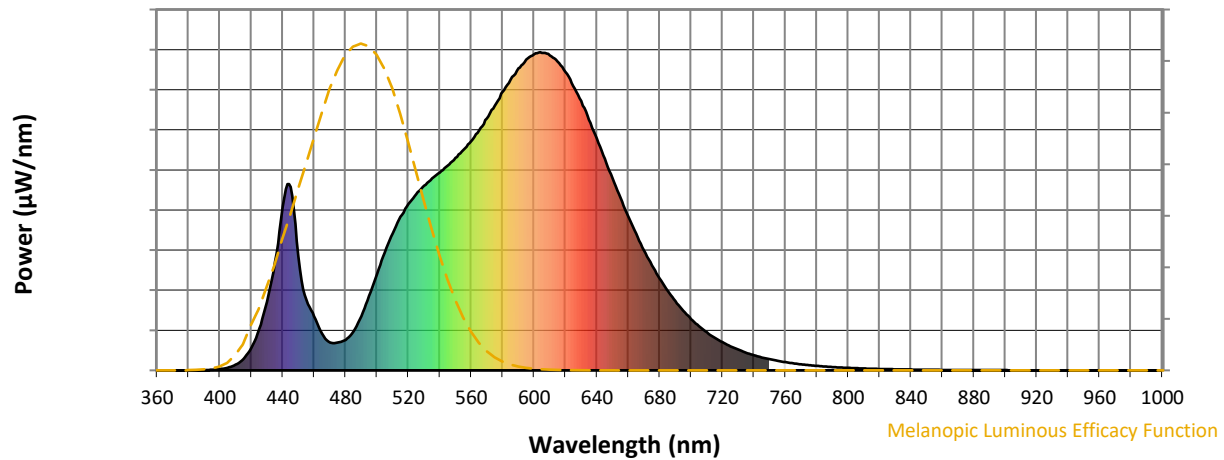
Scotopic Lumens: NR

S/P: 1.28

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

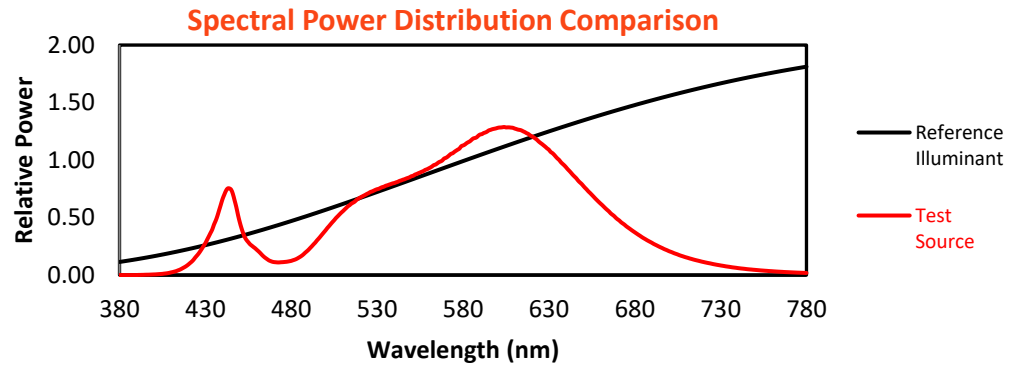
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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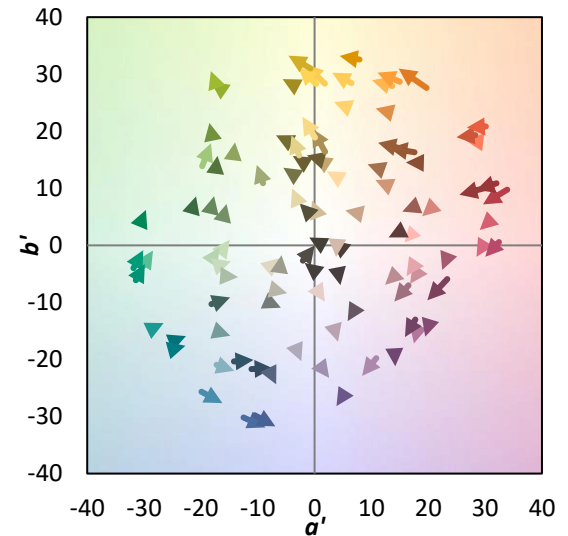
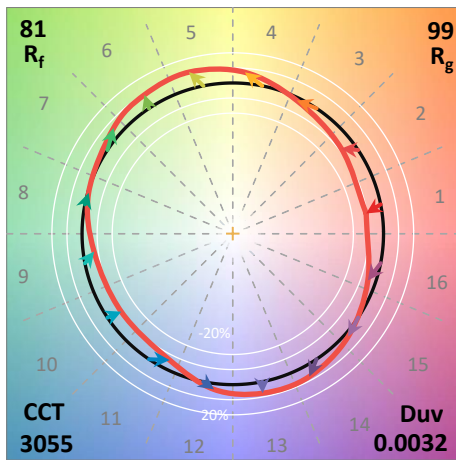
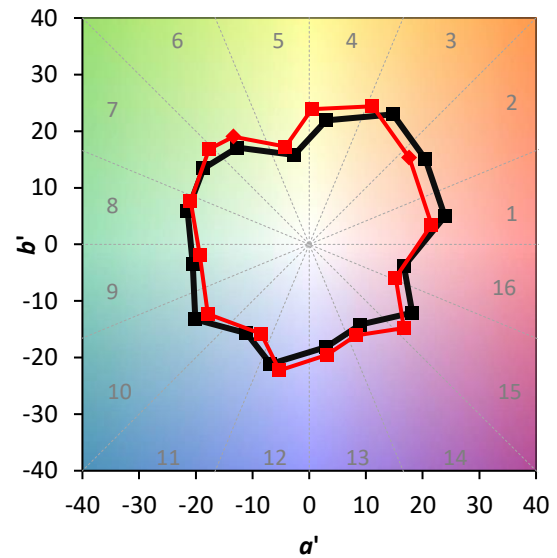
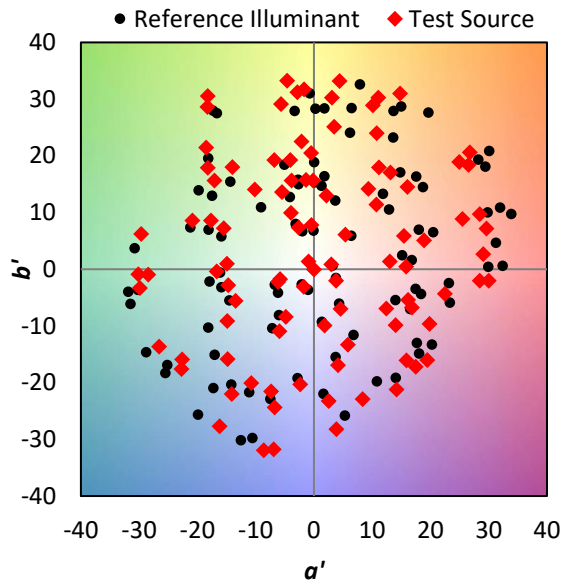
TM-30-18

Summary

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

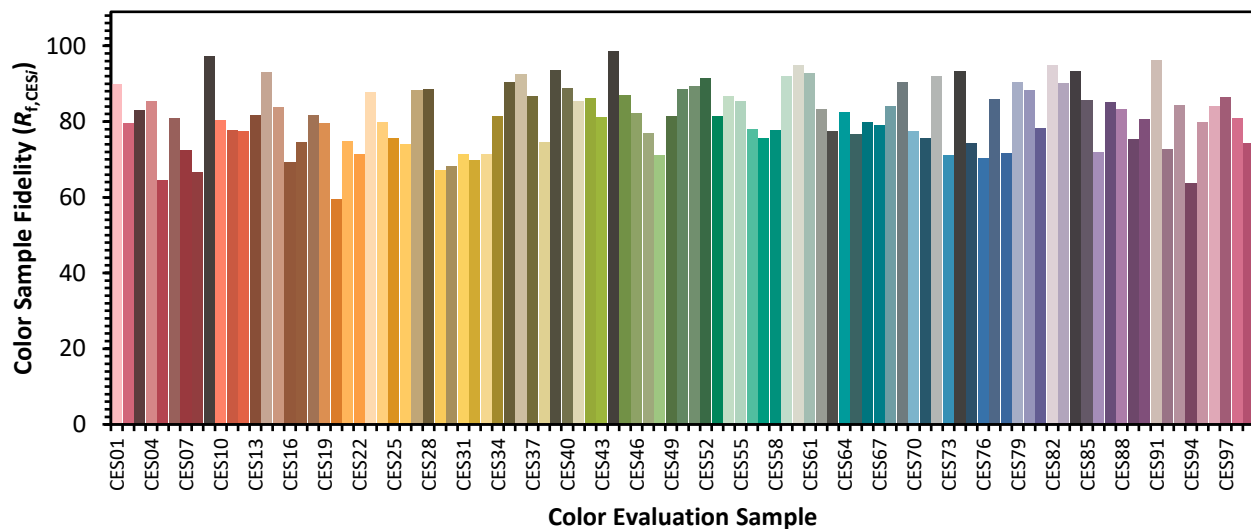


Color Vector Graphics

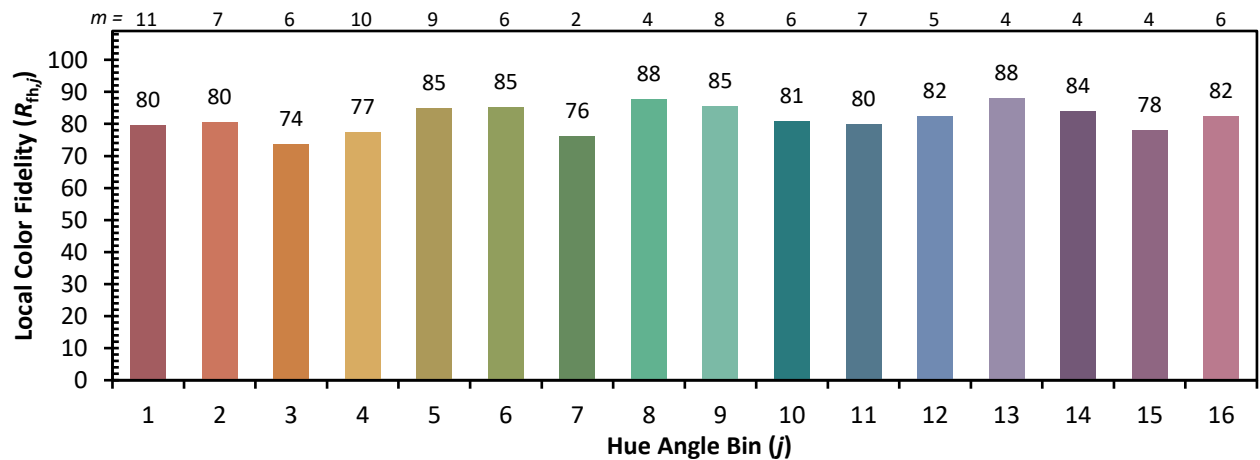
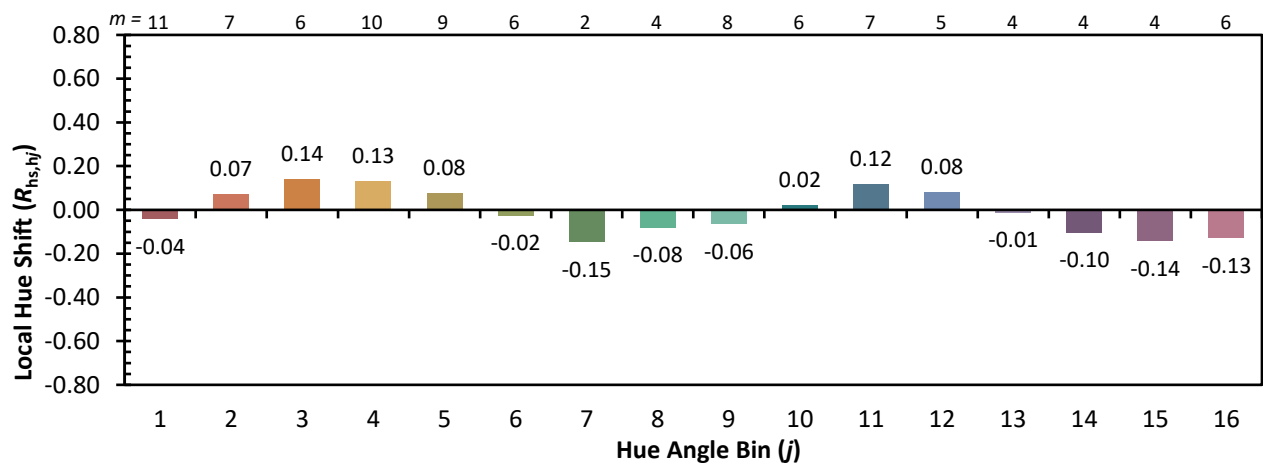
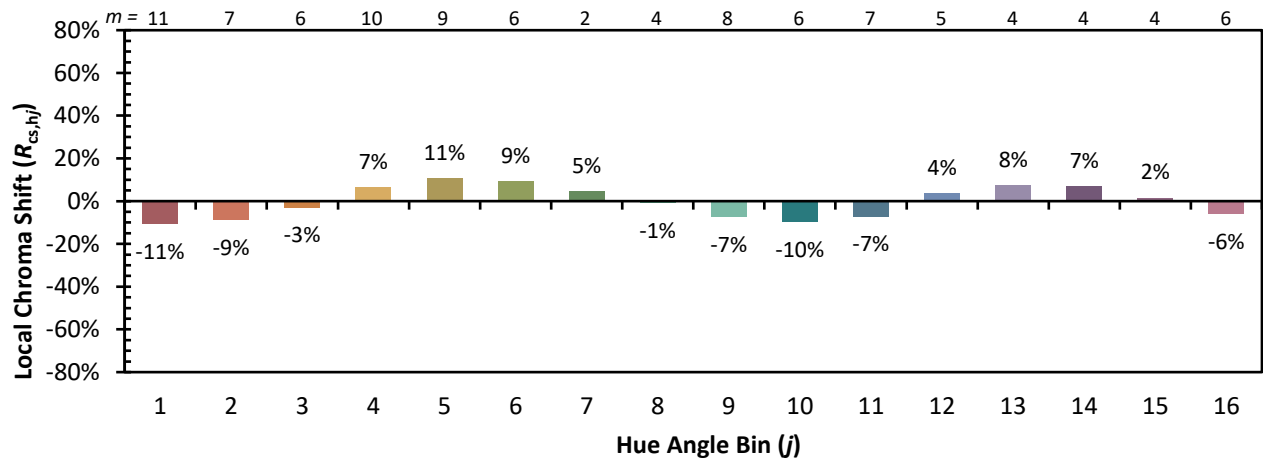


Individual Sample Fidelity Index ($R_{f,i}$)

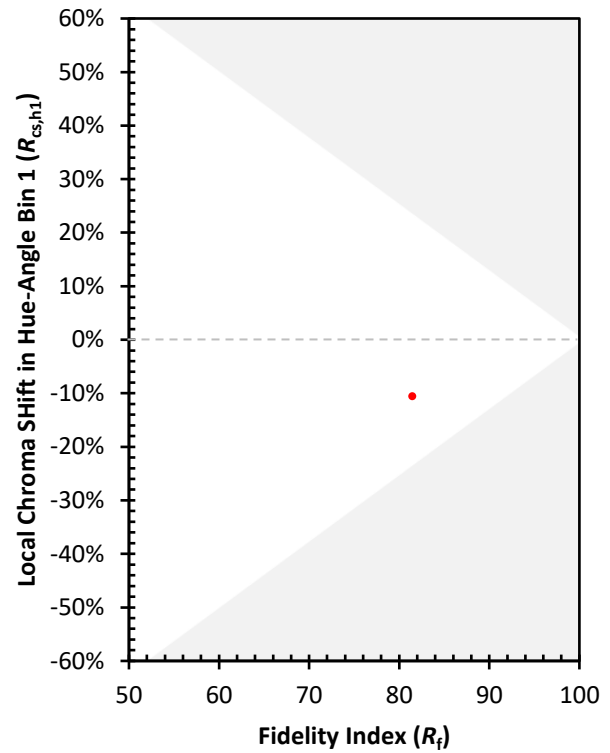
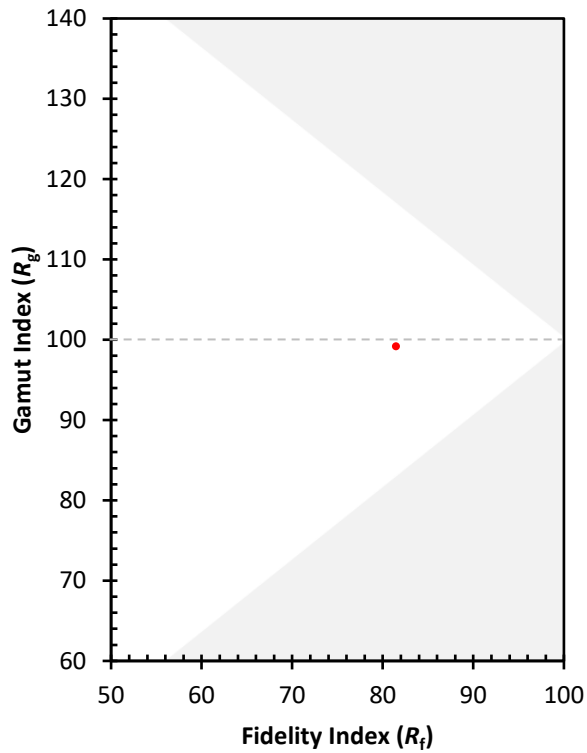
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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