

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: P1062957

Luminaire Tested: **GLAN-SA6A-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062957
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6A-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20082.7 lumens
Efficiency: N/A
Efficacy: 123.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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

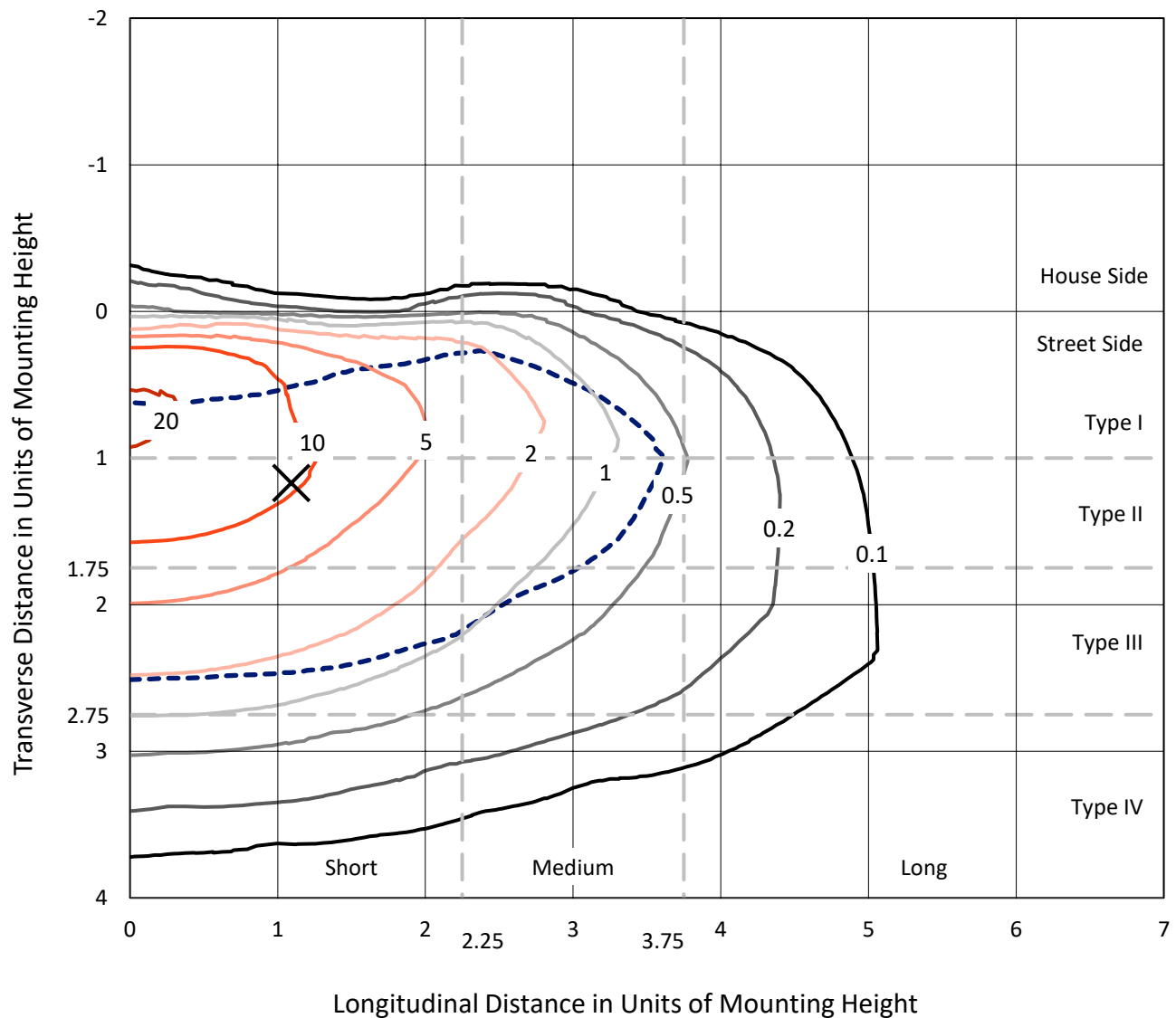


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

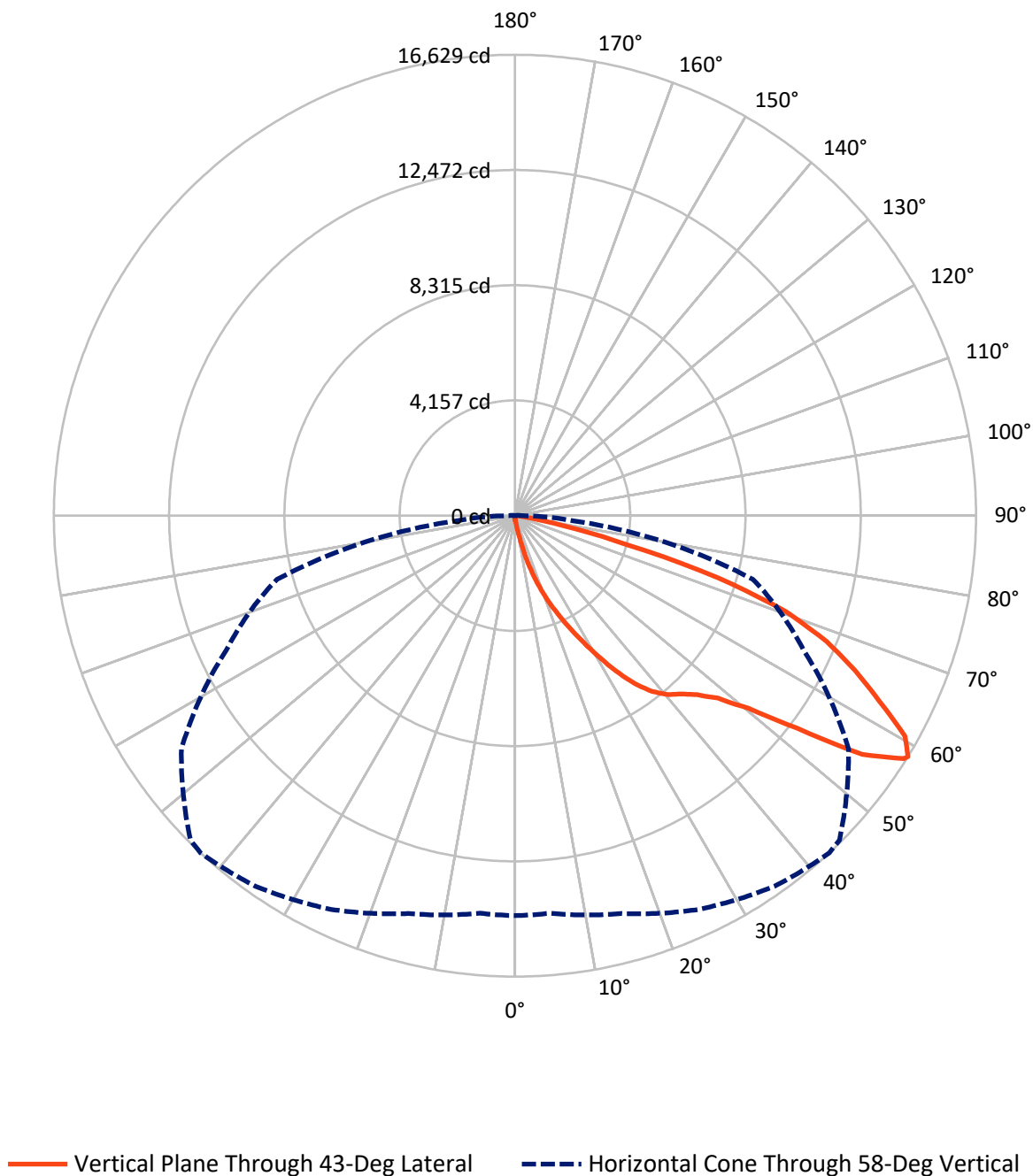


Based on 15 foot mounting height. Maximum calculated value = 22.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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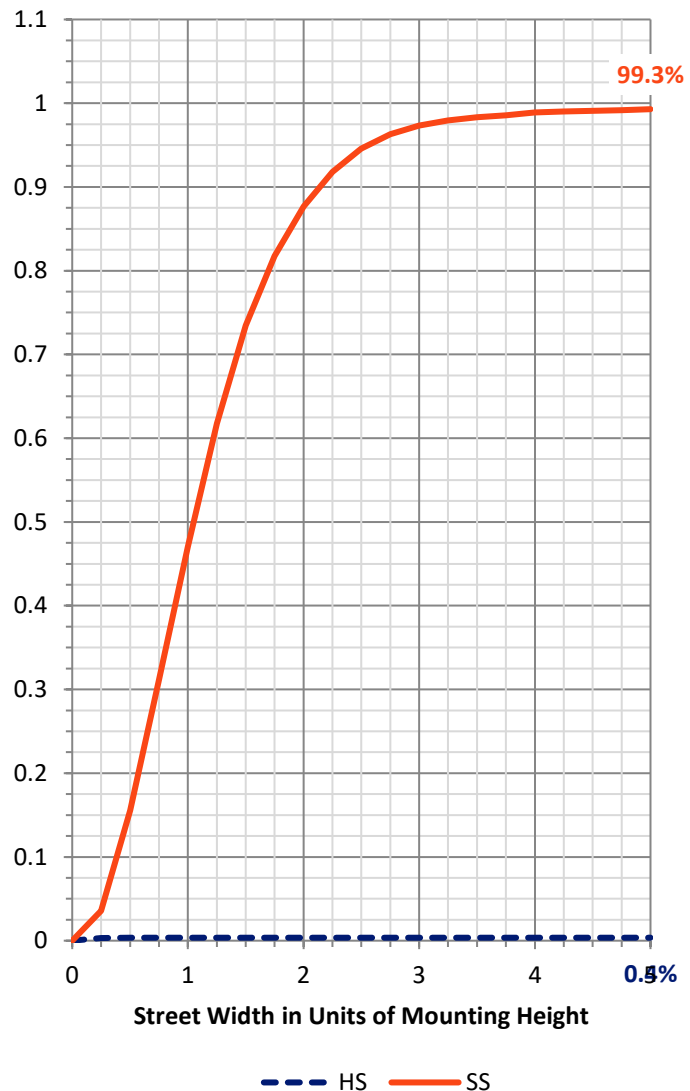
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.3	0.0	73.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20009.4	0.0	20009.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	20082.7	0.0	20082.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	230.8	1.1
20°-30°	832.1	4.1
30°-40°	1903.7	9.5
40°-50°	3210.8	16.0
50°-60°	5298.6	26.4
60°-70°	5921.9	29.5
70°-80°	2445.1	12.2
80°-90°	220.4	1.1
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°	20082.7	100.0
0°-180°	20082.7	100.0



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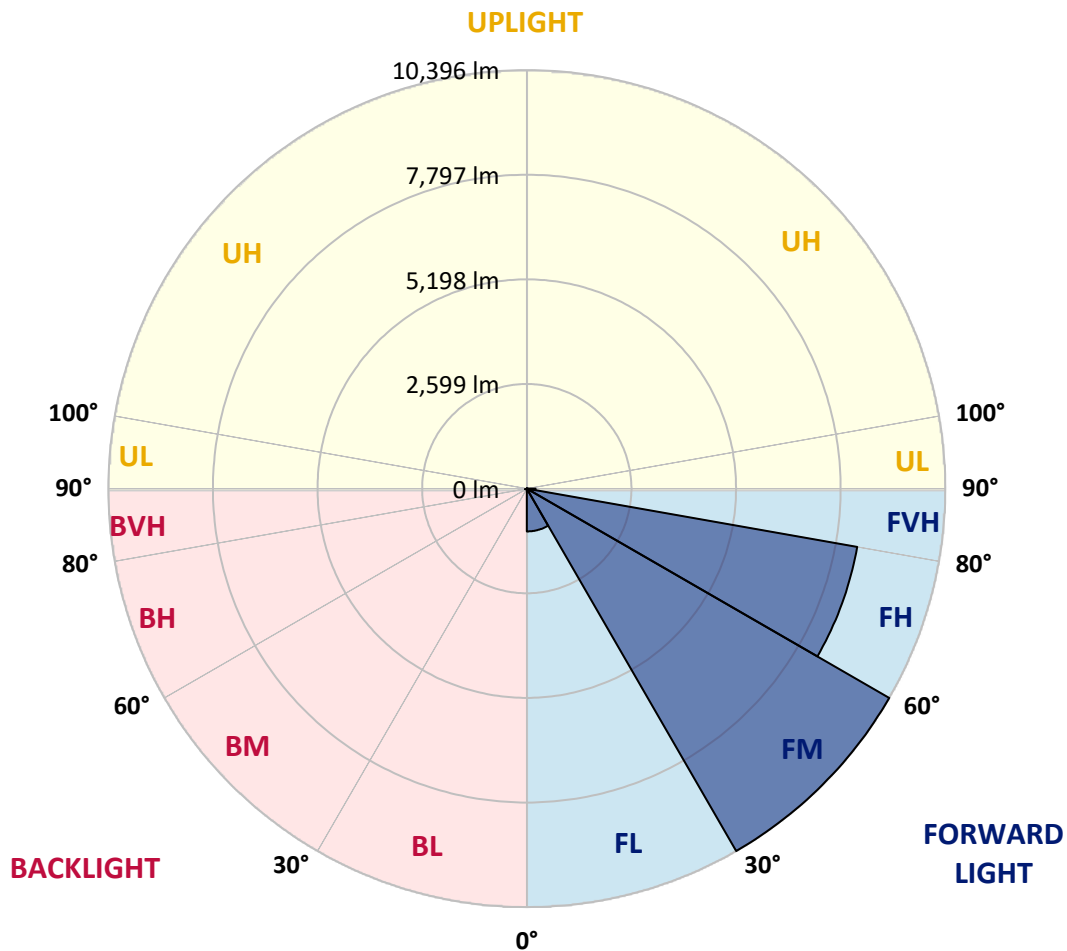
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1063.0	5.3			
FM	(30°-60°)	10395.6	51.8			
FH	(60°-80°)	8333.4	41.5			G4/12000
FVH	(80°-90°)	217.4	1.1			G2/225
BL	(0°-30°)	19.1	0.1	B0/110		
BM	(30°-60°)	17.6	0.1	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3
2.5°	157.6	162.8	157.6	157.6	157.6	152.3	152.3	147.1	147.1	141.8	136.6
5°	231.1	231.1	215.4	204.8	194.3	189.1	183.8	173.3	162.8	152.3	141.8
7.5°	514.7	514.7	467.5	404.4	320.4	273.1	262.6	215.4	183.8	162.8	141.8
10°	1229.1	1229.1	1124.0	950.7	735.3	546.3	488.5	309.9	220.6	173.3	147.1
12.5°	2043.2	2069.5	1938.2	1717.6	1397.2	1066.2	950.7	567.3	294.1	189.1	147.1
15°	2773.3	2710.3	2673.5	2463.4	2158.8	1764.8	1617.8	955.9	425.4	215.4	147.1
17.5°	3267.0	3267.0	3214.5	3072.7	2794.3	2447.6	2326.8	1544.2	688.1	246.9	152.3
20°	3844.8	3844.8	3750.3	3650.5	3403.6	3109.5	2993.9	2195.5	1066.2	315.1	152.3
22.5°	4543.4	4553.9	4448.8	4270.3	4033.9	3708.2	3608.4	2799.6	1544.2	420.2	157.6
25°	5394.3	5404.8	5252.5	5084.4	4722.0	4370.0	4217.7	3492.9	2127.2	588.3	157.6
27.5°	6334.5	6408.0	6182.1	5893.3	5509.8	5068.6	4953.1	4117.9	2705.0	829.9	168.1
30°	7505.8	7505.8	7206.4	6801.9	6387.0	5840.7	5693.7	4774.5	3319.6	1150.3	178.6
32.5°	8514.2	8435.5	8052.0	7626.6	7185.4	6675.9	6518.3	5462.6	3949.9	1549.5	199.6
35°	9286.4	9218.1	8745.3	8288.4	7905.0	7437.5	7248.4	6208.4	4616.9	2001.2	231.1
37.5°	9948.2	9921.9	9281.1	8708.6	8456.5	8046.8	7878.7	6912.2	5273.5	2489.7	267.9
40°	10673.0	10589.0	9906.1	9197.1	8818.9	8488.0	8335.7	7479.5	5903.8	3062.2	320.4
42.5°	11292.8	11193.0	10578.5	9885.1	9239.1	8792.6	8645.6	7957.5	6518.3	3634.7	388.7
45°	11980.9	11928.3	11308.5	10783.3	9921.9	9207.6	9013.2	8340.9	7080.3	4317.5	478.0
47.5°	13015.6	12921.1	12343.3	11912.6	10914.6	9837.9	9559.5	8734.8	7621.3	4989.8	614.5
50°	14218.4	14155.4	13814.0	13472.6	12479.8	10914.6	10583.7	9302.1	8225.4	5788.2	793.1
52.5°	15200.6	15190.1	15232.1	15237.4	14486.3	12726.7	12233.0	10216.0	8918.7	6576.1	1045.2
55°	15179.6	15226.9	15689.1	16219.6	16277.4	15200.6	14722.7	11755.0	9822.1	7547.8	1397.2
57.5°	14612.3	14575.6	15064.1	15862.4	16424.4	16540.0	16461.2	14144.9	11182.5	8719.1	1938.2
58°	14428.5	14397.0	14859.2	15673.3	16319.4	16629.3	16550.5	14685.9	11487.1	8887.2	2085.2
60°	13761.4	13766.7	14039.8	14780.4	15426.5	16161.8	16235.4	16230.1	13005.1	10011.2	2825.8
62.5°	12879.0	12837.0	13089.1	13693.2	14260.4	14754.2	14880.2	16335.2	15226.9	11439.9	4238.7
65°	11660.5	11597.4	11865.3	12548.1	13157.4	13477.8	13483.1	14927.5	16272.1	12973.6	6255.7
67.5°	9396.7	9344.1	9879.9	10757.0	11697.2	12117.4	12306.5	12952.6	15389.7	14013.6	7411.2
70°	5756.7	5867.0	6612.8	7989.0	9596.2	10368.4	10652.0	10851.6	13104.9	13856.0	6197.9
72.5°	2657.7	2526.4	3162.0	4123.2	5956.3	7673.8	7968.0	8750.6	10389.4	12028.1	4622.2
75°	1239.6	1192.3	1339.4	1801.6	2699.8	4144.2	4679.9	6985.8	7968.0	8367.2	3335.3
77.5°	635.5	640.8	761.6	819.4	1113.5	1917.1	2200.8	4595.9	5840.7	4669.4	2237.5
80°	278.4	288.9	294.1	320.4	451.7	740.6	835.1	2132.5	3991.9	2379.4	1223.8
82.5°	178.6	183.8	183.8	183.8	215.4	294.1	336.2	856.2	1990.7	1181.8	378.2
85°	94.5	94.5	105.0	131.3	152.3	178.6	189.1	273.1	656.6	351.9	89.3
87.5°	52.5	57.8	63.0	78.8	99.8	120.8	131.3	189.1	252.1	241.6	21.0
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-SA6A-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3
2.5°	136.6	131.3	126.1	120.8	115.6	110.3	110.3	110.3	110.3	110.3	110.3
5°	131.3	126.1	120.8	110.3	99.8	94.5	89.3	84.0	84.0	84.0	84.0
7.5°	131.3	126.1	110.3	99.8	89.3	78.8	68.3	68.3	68.3	68.3	68.3
10°	131.3	120.8	105.0	89.3	73.5	63.0	57.8	52.5	52.5	52.5	52.5
12.5°	131.3	115.6	99.8	78.8	63.0	52.5	47.3	42.0	42.0	42.0	42.0
15°	131.3	115.6	94.5	73.5	57.8	42.0	36.8	31.5	31.5	31.5	31.5
17.5°	126.1	110.3	89.3	63.0	47.3	31.5	26.3	21.0	21.0	26.3	26.3
20°	120.8	105.0	78.8	52.5	36.8	26.3	15.8	15.8	15.8	15.8	15.8
22.5°	120.8	105.0	73.5	47.3	31.5	15.8	10.5	10.5	10.5	10.5	15.8
25°	120.8	99.8	63.0	36.8	21.0	10.5	5.3	5.3	5.3	5.3	5.3
27.5°	120.8	99.8	57.8	31.5	15.8	10.5	5.3	0.0	0.0	0.0	0.0
30°	115.6	94.5	52.5	26.3	10.5	5.3	0.0	0.0	0.0	0.0	0.0
32.5°	115.6	89.3	42.0	21.0	10.5	5.3	0.0	0.0	0.0	0.0	0.0
35°	120.8	84.0	36.8	15.8	5.3	0.0	0.0	0.0	0.0	0.0	5.3
37.5°	126.1	78.8	31.5	10.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	131.3	73.5	31.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	141.8	73.5	26.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	152.3	73.5	21.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	173.3	78.8	21.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	189.1	84.0	15.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	210.1	78.8	15.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	236.4	78.8	15.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	257.4	73.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	267.9	68.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	320.4	63.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	499.0	52.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1013.7	47.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1890.9	42.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2116.7	47.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1334.1	36.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	703.8	36.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	351.9	36.8	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	162.8	26.3	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	68.3	15.8	10.5	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.5	15.8	10.5	10.5	5.3	5.3	0.0	0.0	0.0	0.0	0.0
87.5°	15.8	15.8	15.8	10.5	10.5	5.3	5.3	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

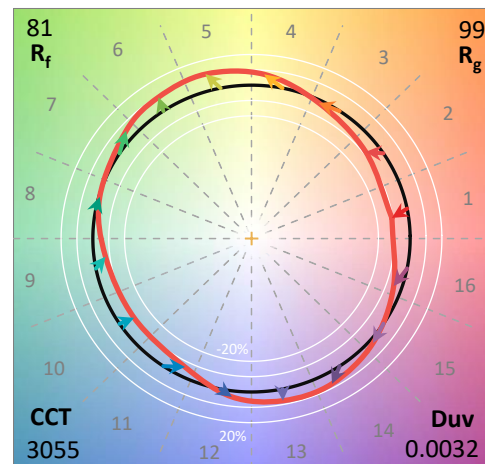
Test Information

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

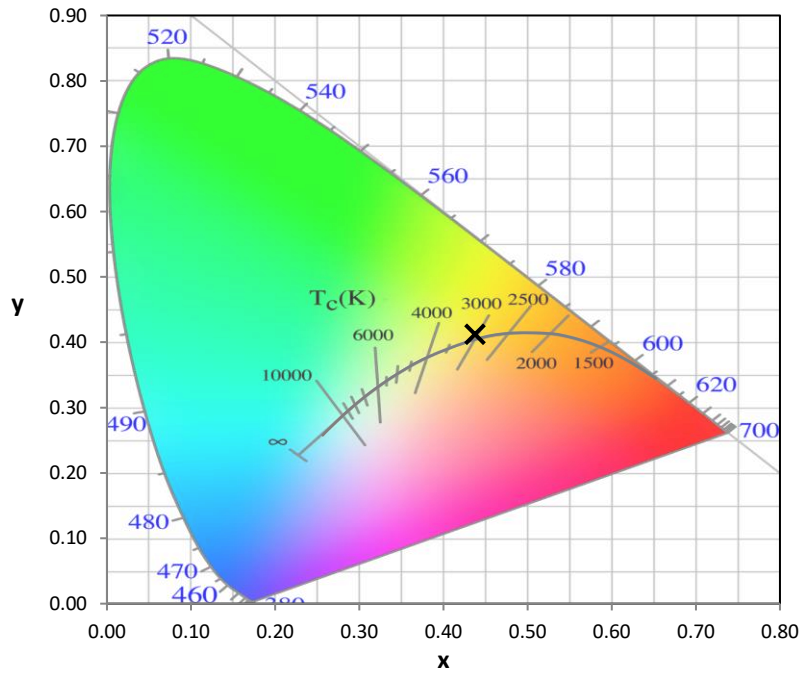
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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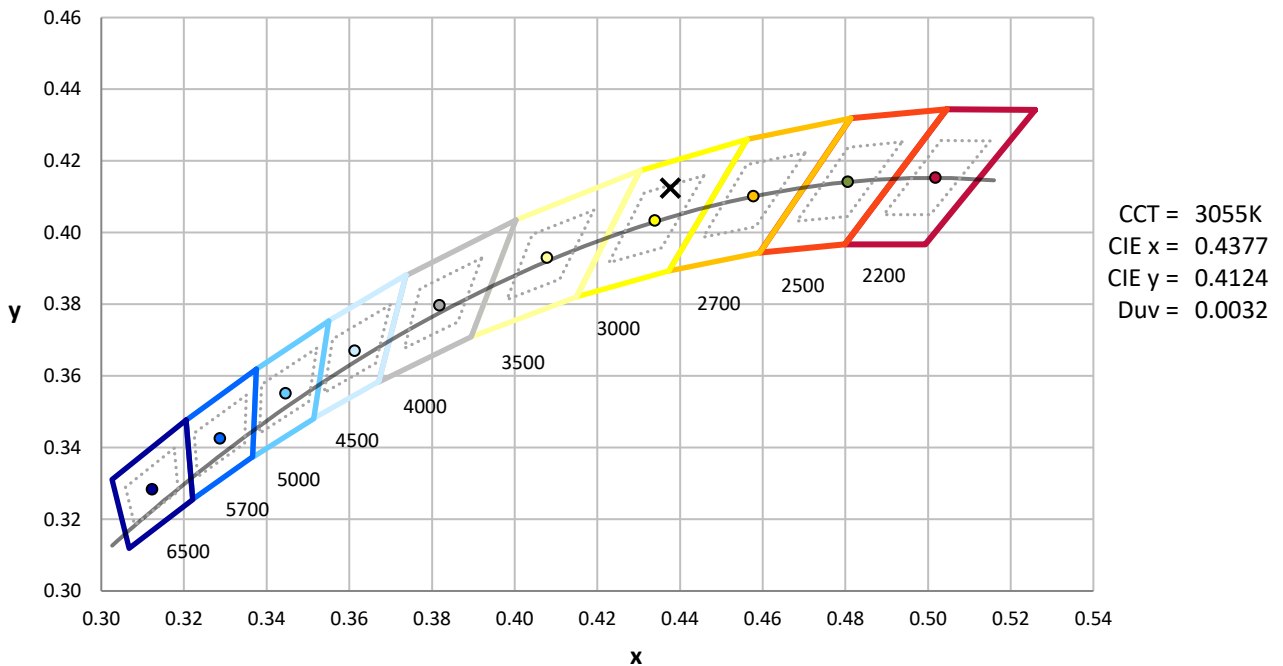
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



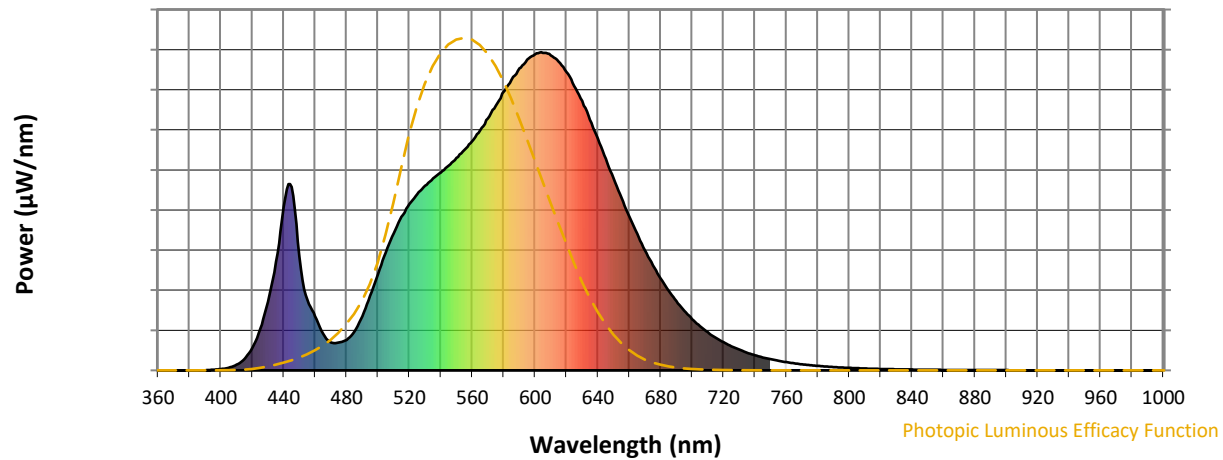
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

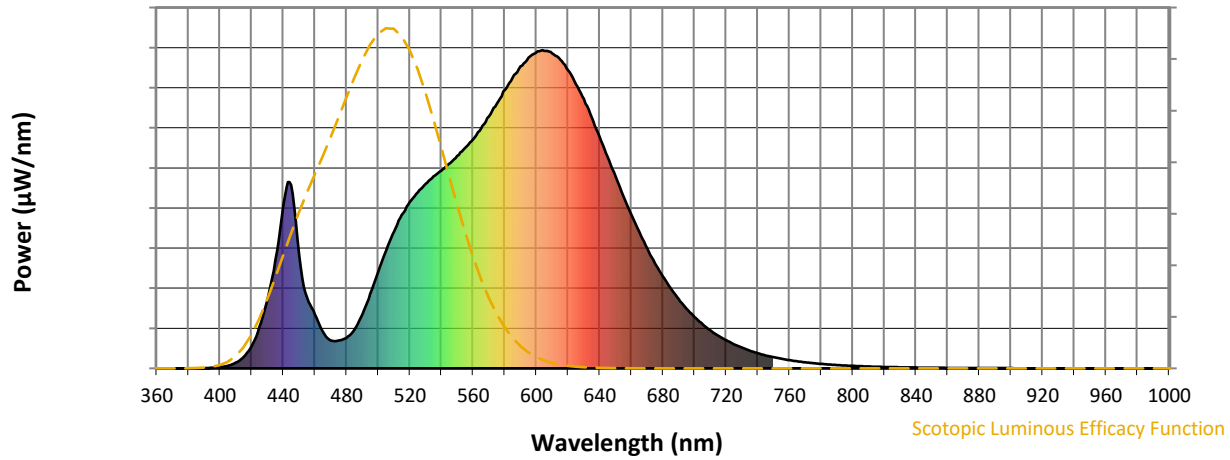


Photopic Lumens: NR

λ (nm)	Power 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



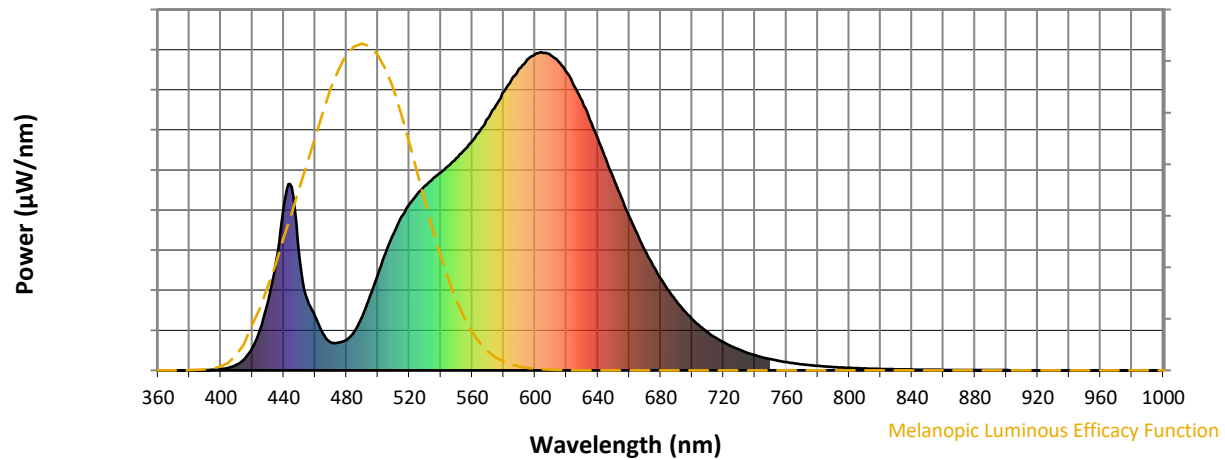
Scotopic Lumens: NR

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

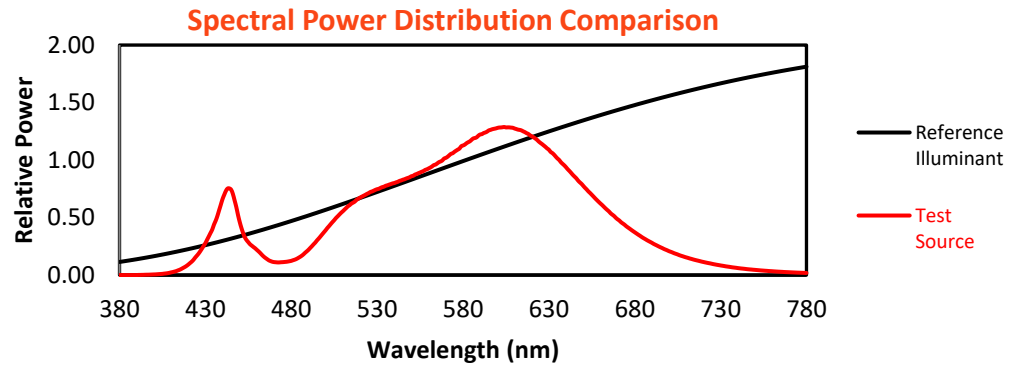
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	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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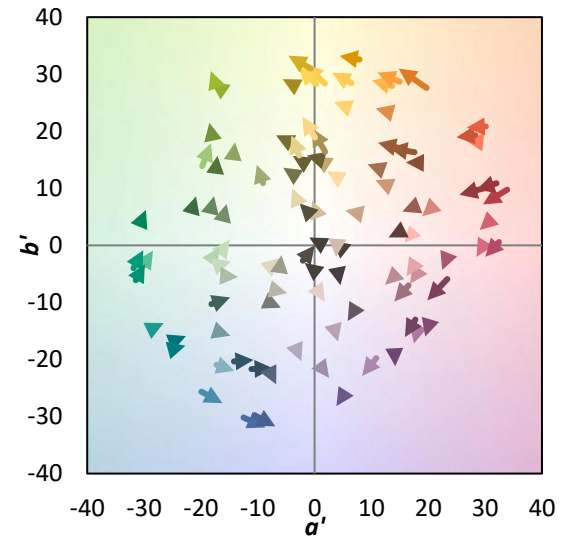
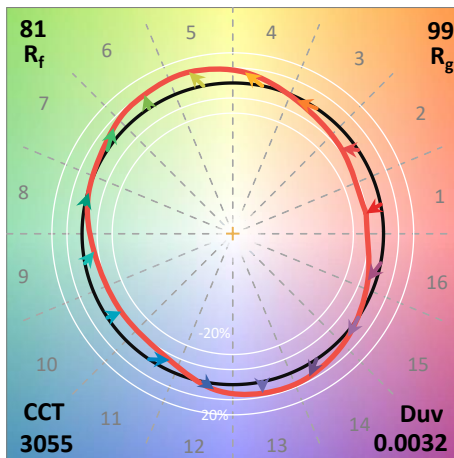
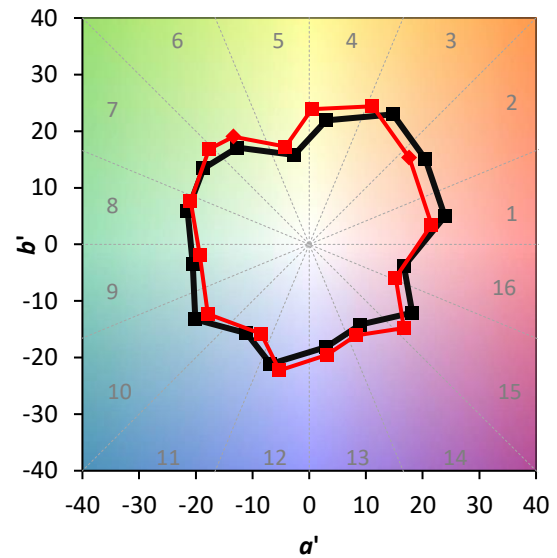
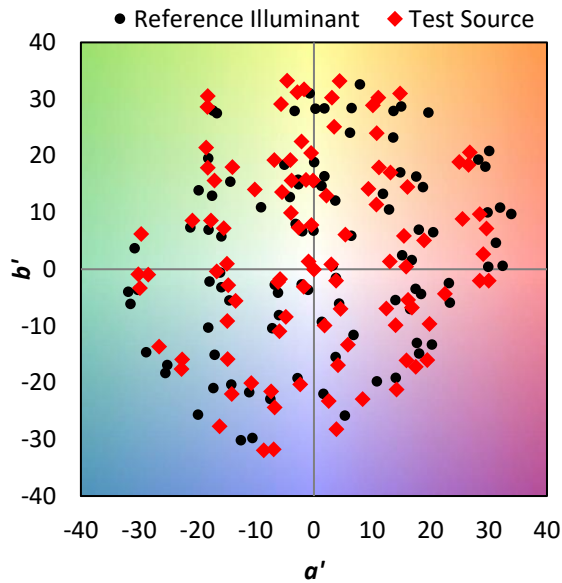
TM-30-18

Summary

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

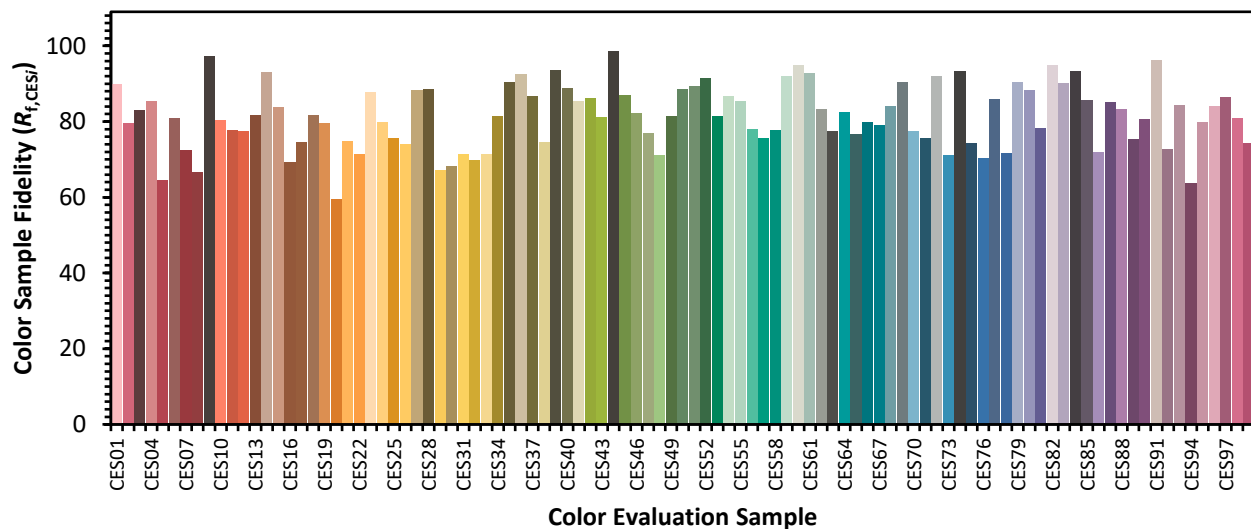


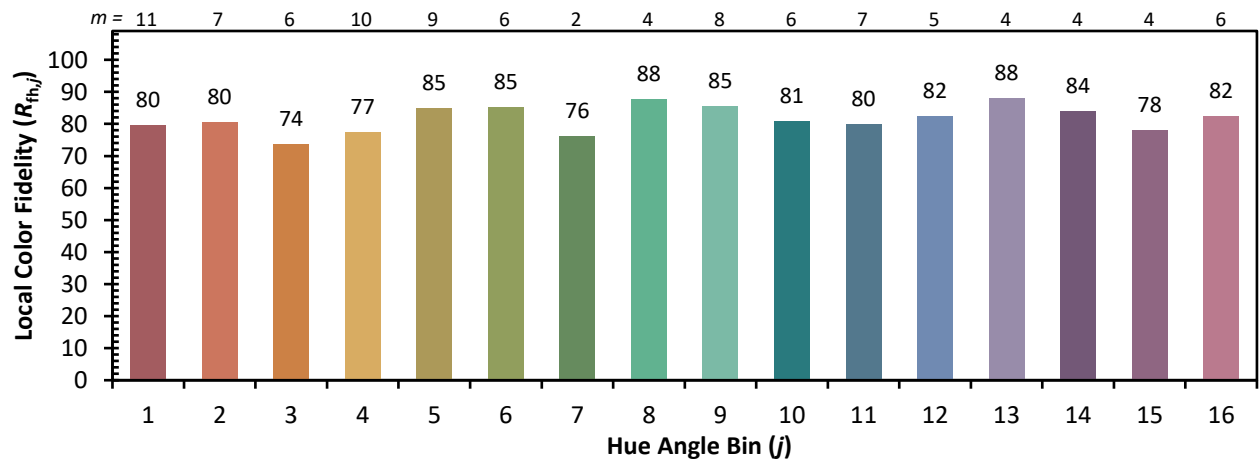
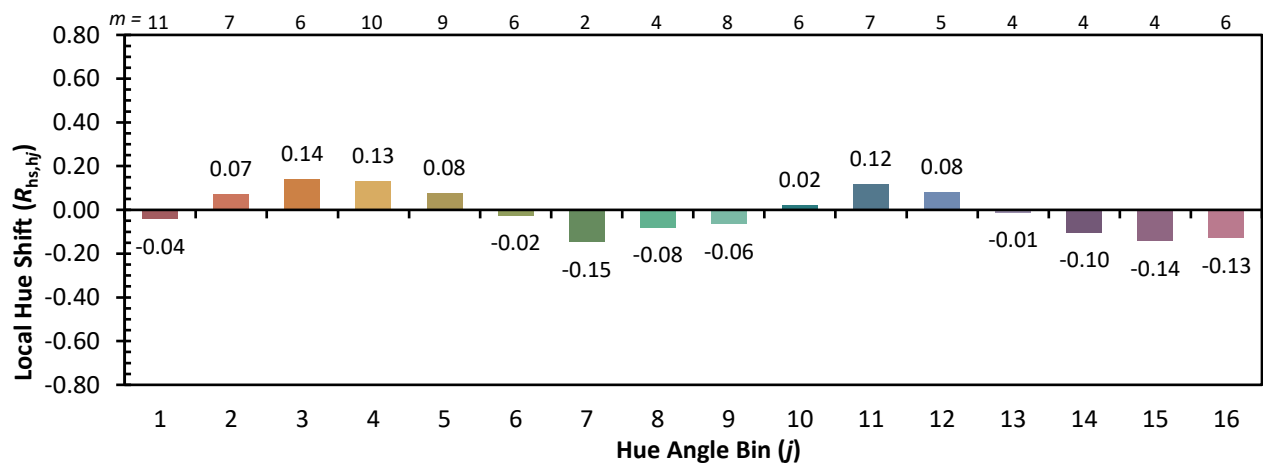
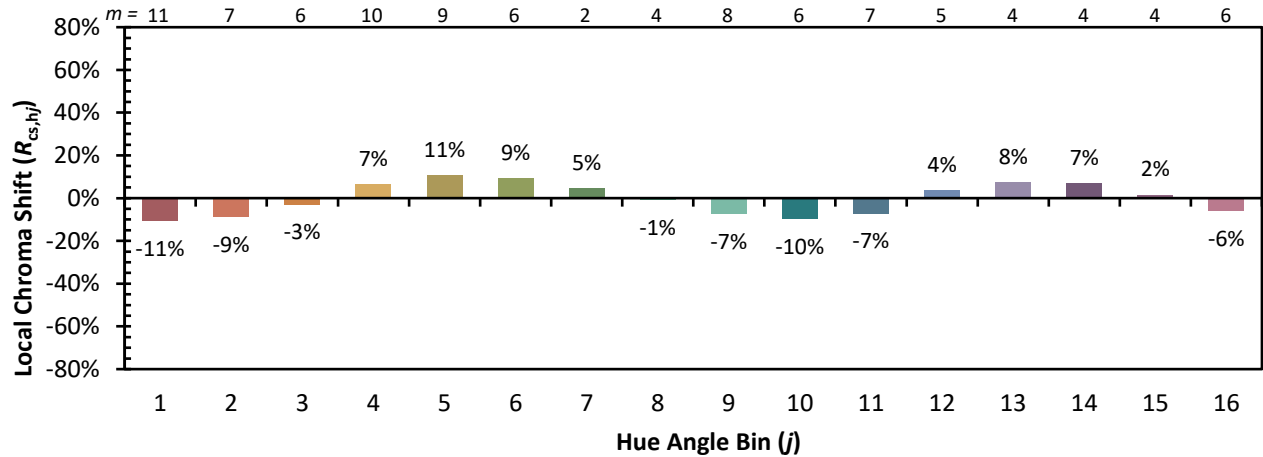
Color Vector Graphics

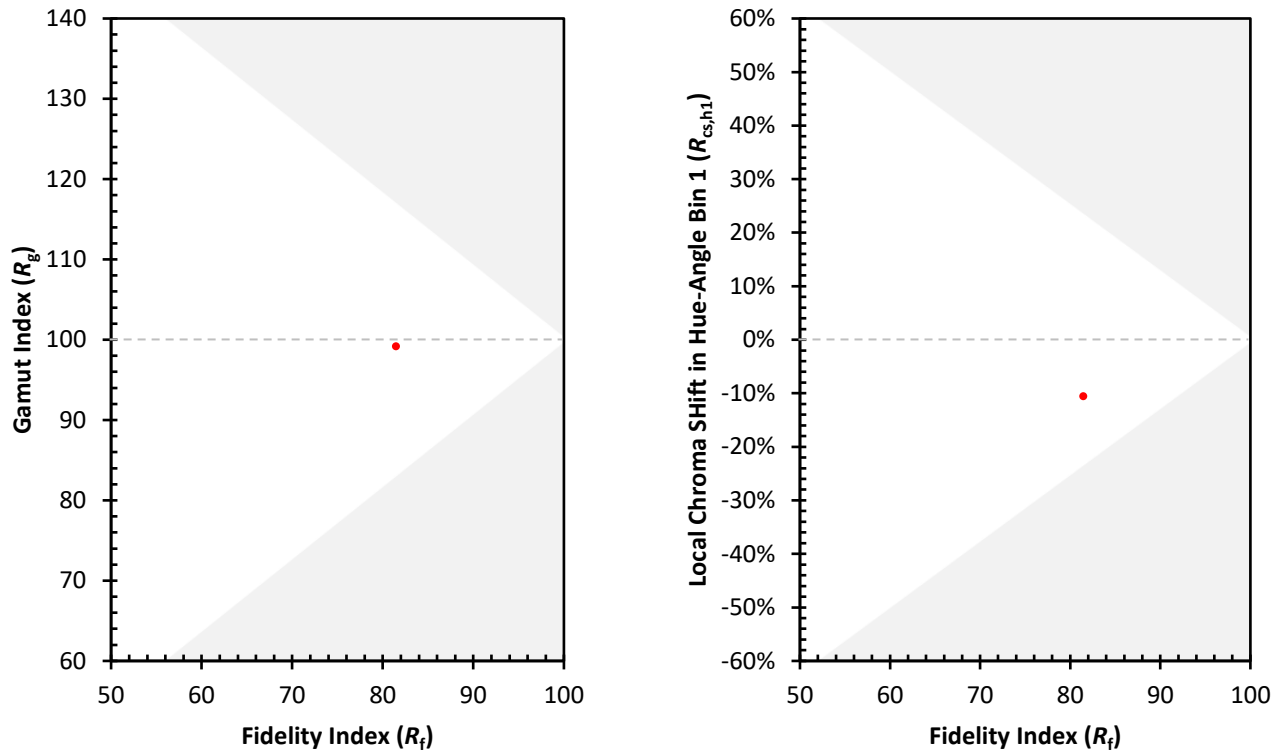


Individual Sample Fidelity Index ($R_{f,i}$)

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)