

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: P1063546

Luminaire Tested: **GLAN-SA9B-827-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063546
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9B-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34005.3 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 312.7
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



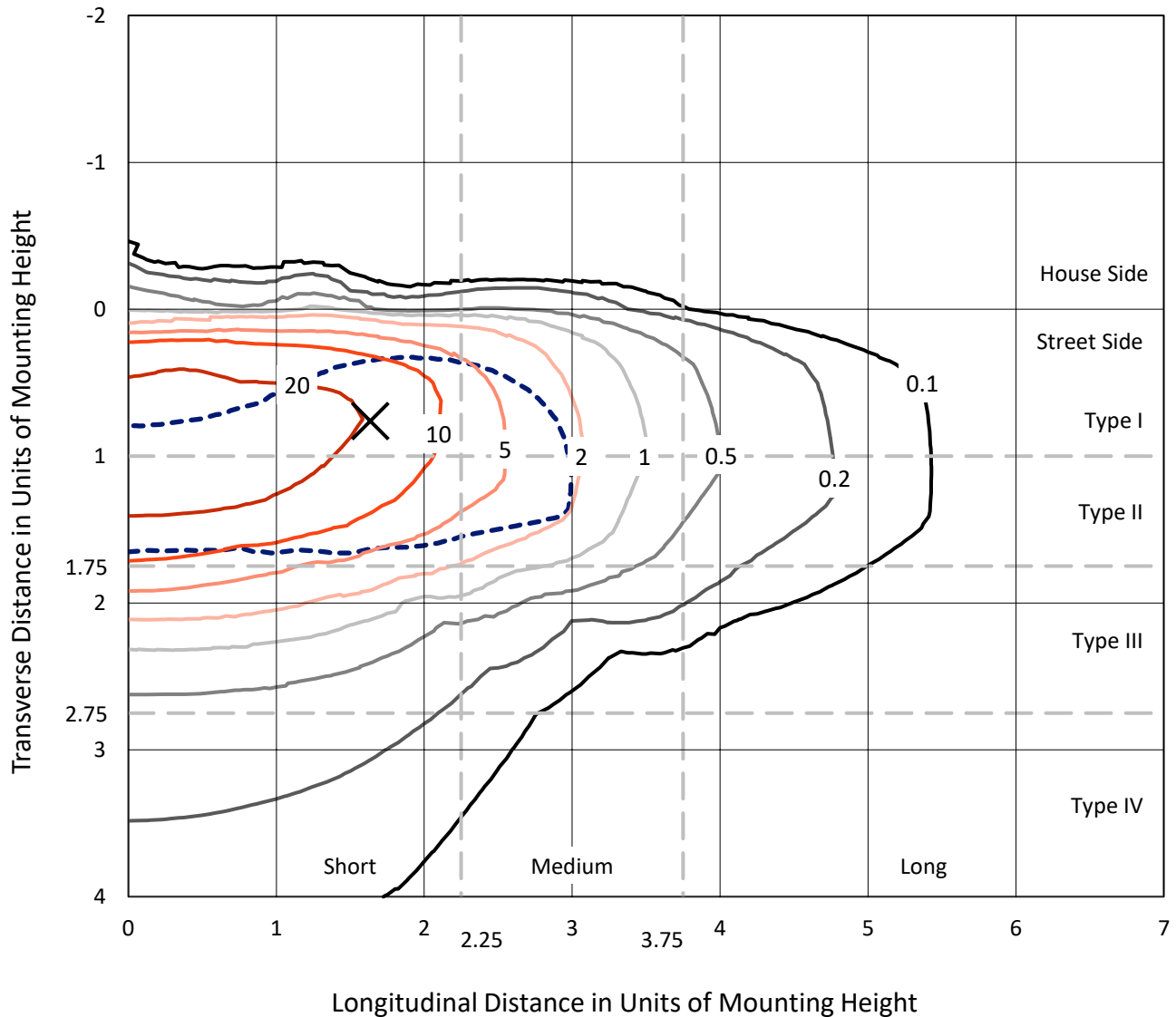
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CATALOG NUMBER: GLAN-SA9B-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

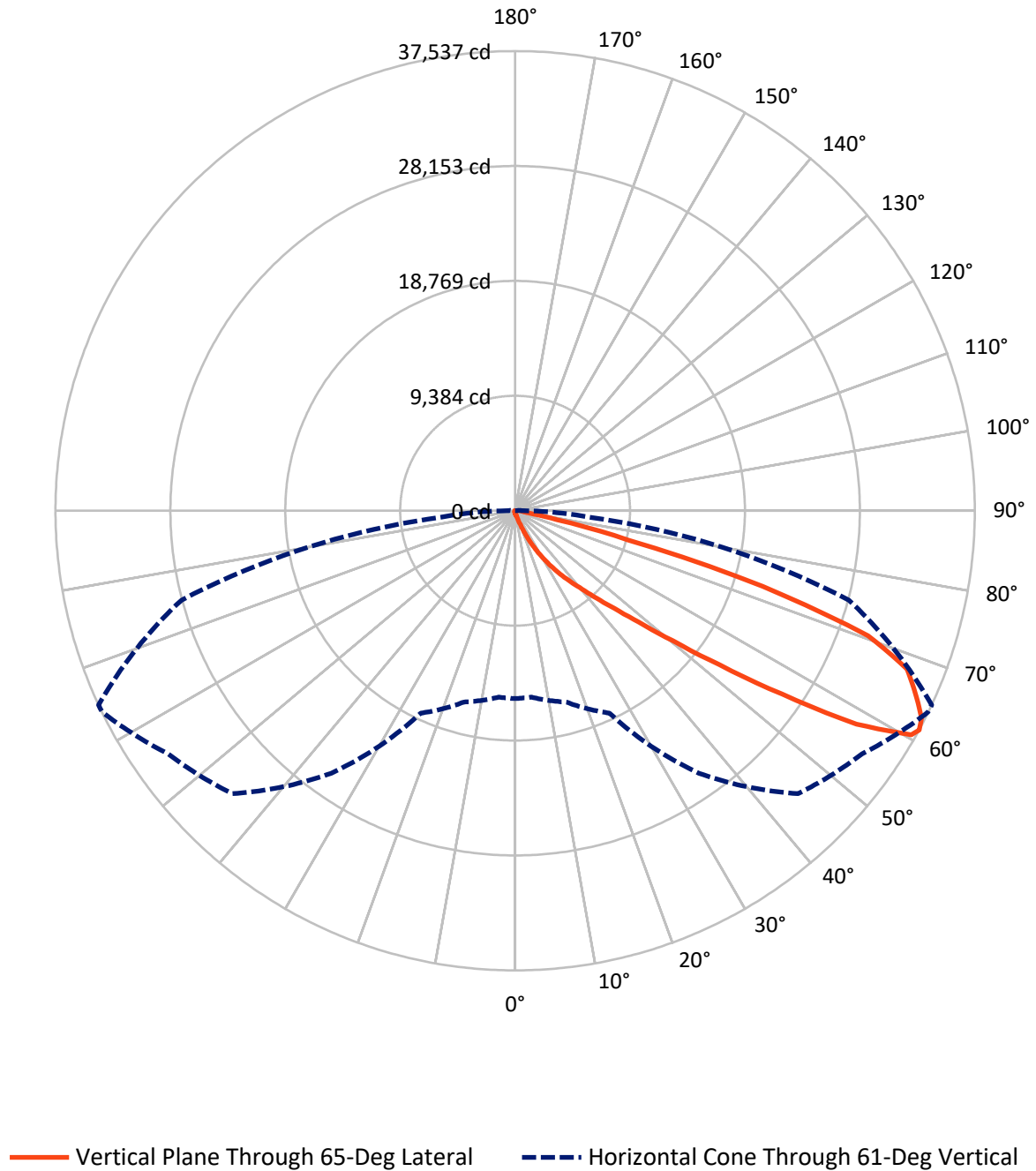


Based on 15 foot mounting height. Maximum calculated value = 45 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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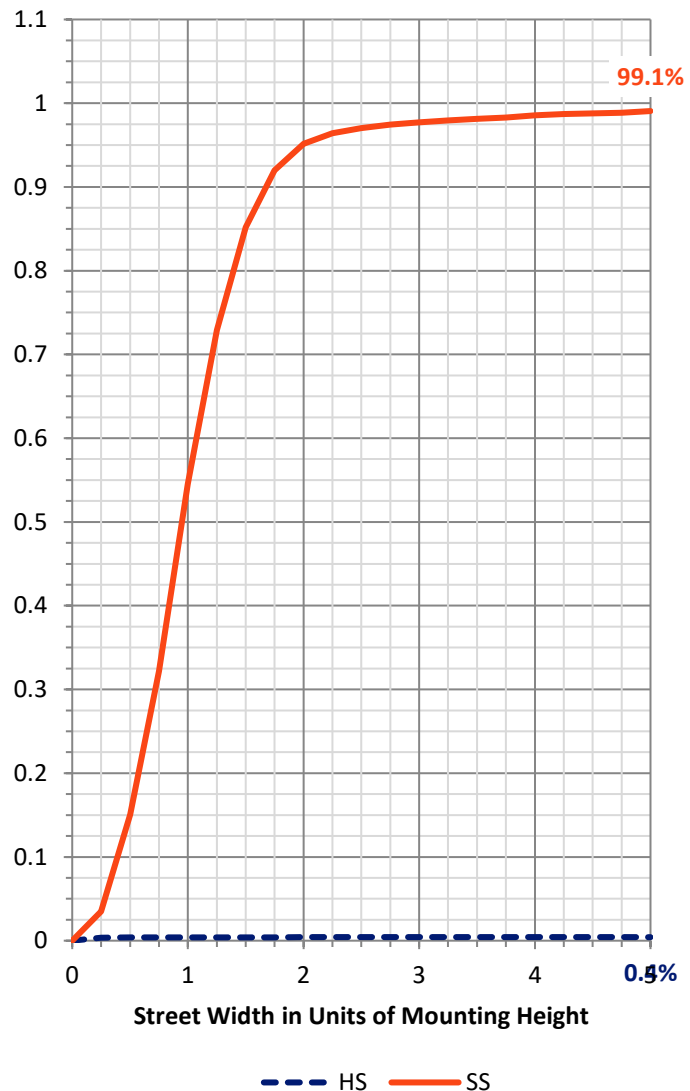
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	145.2	0.0	145.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33860.1	0.0	33860.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	34005.3	0.0	34005.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	0.1
10°-20°	279.6	0.8
20°-30°	1003.5	3.0
30°-40°	2671.8	7.9
40°-50°	7018.9	20.6
50°-60°	10873.6	32.0
60°-70°	9117.3	26.8
70°-80°	2683.1	7.9
80°-90°	331.0	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°	34005.3	100.0
0°-180°	34005.3	100.0



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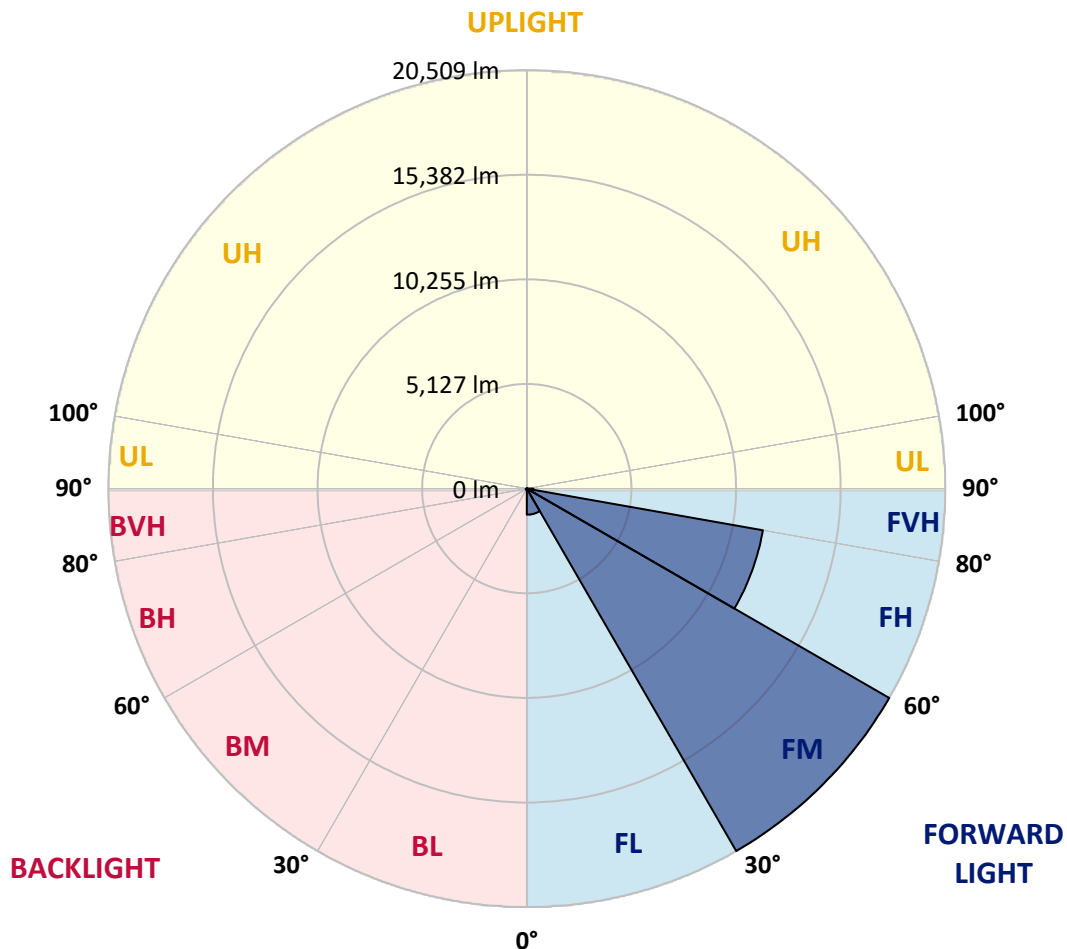
CATALOG NUMBER: GLAN-SA9B-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1277.1	3.8			
FM	(30°-60°)	20509.0	60.3			
FH	(60°-80°)	11749.2	34.6			G4/12000
FVH	(80°-90°)	324.8	1.0			G3/500
BL	(0°-30°)	32.6	0.1	B0/110		
BM	(30°-60°)	55.2	0.2	B0/220		
BH	(60°-80°)	51.2	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2.5°	252.6	255.0	250.3	240.9	233.9	233.9	231.6	224.6	224.6	217.5	212.9
5°	353.2	348.5	339.2	320.5	304.1	287.7	271.3	255.0	252.6	231.6	217.5
7.5°	577.8	582.5	552.1	493.6	444.4	381.3	322.8	287.7	283.0	248.0	219.9
10°	1267.8	1232.8	1162.6	935.7	769.6	580.1	430.4	334.5	329.8	266.7	224.6
12.5°	2311.1	2283.1	2154.4	1920.5	1492.4	1038.6	629.2	414.0	400.0	283.0	226.9
15°	3331.0	3286.6	3216.4	2980.1	2479.5	1862.0	1029.2	566.1	528.7	306.4	224.6
17.5°	3981.3	3988.3	3925.2	3824.6	3501.8	2755.6	1777.8	844.4	771.9	348.5	219.9
20°	4549.7	4533.4	4568.4	4514.6	4287.7	3745.1	2587.2	1338.0	1214.0	416.4	222.2
22.5°	5204.7	5244.5	5270.2	5258.5	5008.2	4545.1	3506.5	2002.4	1845.6	540.4	229.2
25°	6081.9	6077.2	6079.6	6049.2	5805.9	5291.3	4428.1	2828.1	2669.0	741.5	245.6
27.5°	7001.2	7029.3	7041.0	6931.0	6612.9	6107.6	5281.9	3731.0	3543.9	1064.3	266.7
30°	8257.4	8234.0	8180.2	7955.6	7569.6	6942.7	6124.0	4678.4	4481.9	1515.8	299.4
32.5°	9950.9	9925.2	9653.9	9157.9	8580.2	7812.9	6970.8	5628.1	5389.5	2079.5	343.9
35°	12741.6	12781.4	12114.7	10830.5	9794.2	8858.5	7908.8	6573.1	6362.6	2774.3	404.7
37.5°	17015.3	16797.8	15892.5	13623.5	11391.9	10163.8	8804.7	7527.5	7345.1	3630.4	484.2
40°	21167.4	20952.2	20690.2	18540.5	14168.5	11602.4	10058.5	8648.0	8411.7	4596.5	601.2
42.5°	25532.3	25413.0	25401.3	23780.3	19235.2	13864.4	11567.3	9960.3	9759.1	5656.2	793.0
45°	28624.7	28505.4	28755.7	29038.8	26135.8	18711.2	14194.2	11665.6	11373.2	6942.7	1099.4
47.5°	29041.1	29045.8	29714.8	30601.4	31263.3	26208.3	17693.7	13925.2	13569.7	8783.7	1614.0
50°	27656.3	27710.1	28774.4	30360.4	32142.9	32498.4	23864.5	17204.8	16678.5	10966.1	2343.9
52.5°	25020.0	25080.9	26563.9	29172.1	31333.5	34009.6	31130.0	21494.9	20889.0	13689.0	3373.1
55°	22645.7	22683.2	24383.8	27679.7	30358.1	33188.5	35443.5	27223.6	26428.2	17038.7	4388.3
57.5°	20294.9	20208.3	21314.7	25087.9	30192.0	32180.3	36079.7	33752.2	32875.1	20699.5	5179.0
60°	17151.0	17005.9	17894.8	20294.9	28007.2	32842.3	34889.1	37364.0	37165.1	25796.6	5789.5
61°	15342.8	15282.0	16175.5	18234.0	26168.6	32673.9	34603.7	37516.0	37537.1	28208.4	6063.2
62.5°	10956.8	11129.9	12496.0	15172.0	21918.3	31581.5	34641.1	37045.8	37254.0	31413.1	6772.0
65°	4870.2	5148.6	6210.6	8388.4	12746.3	26271.5	34309.0	36014.3	35911.3	32292.6	9214.1
67.5°	2888.9	2931.0	3459.7	4753.2	6750.9	14131.1	30276.2	34650.5	34512.5	28112.4	11464.4
70°	2276.0	2297.1	2465.5	2982.5	3918.2	5412.9	17279.6	29979.1	30580.3	22795.5	11223.5
72.5°	2159.1	2154.4	2177.8	2269.0	2467.9	2685.4	6690.1	19927.6	21151.0	16416.5	9410.6
75°	2131.0	2121.7	2098.3	2063.2	1787.1	1581.3	2072.5	8814.1	9522.9	11216.4	7085.4
77.5°	2067.8	2070.2	2074.9	1979.0	1532.2	1118.1	1003.5	2828.1	3478.4	7118.2	5036.3
80°	1398.8	1419.9	1455.0	1417.6	1377.8	809.4	708.8	1005.9	1019.9	3995.3	3326.3
82.5°	708.8	708.8	692.4	617.5	533.3	526.3	563.7	729.8	739.2	2021.1	1564.9
85°	428.1	451.5	460.8	418.7	383.6	353.2	430.4	580.1	601.2	783.6	364.9
87.5°	95.9	98.2	107.6	142.7	208.2	283.0	400.0	531.0	540.4	502.9	44.4
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: P1063546

CATALOG NUMBER: GLAN-SA9B-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2	208.2
2.5°	210.5	205.8	203.5	196.5	189.5	182.5	177.8	175.4	177.8	180.1	180.1
5°	208.2	201.2	189.5	177.8	168.4	159.1	149.7	147.4	147.4	149.7	149.7
7.5°	208.2	196.5	180.1	166.1	152.0	138.0	131.0	126.3	128.7	128.7	128.7
10°	208.2	194.2	173.1	152.0	135.7	119.3	107.6	102.9	102.9	102.9	102.9
12.5°	205.8	191.8	166.1	140.4	117.0	98.2	84.2	77.2	79.5	79.5	79.5
15°	201.2	184.8	156.7	119.3	93.6	74.9	60.8	53.8	56.1	60.8	63.2
17.5°	194.2	177.8	140.4	100.6	74.9	56.1	42.1	37.4	39.8	46.8	46.8
20°	191.8	170.8	124.0	81.9	56.1	39.8	28.1	23.4	25.7	35.1	37.4
22.5°	191.8	166.1	112.3	67.8	42.1	25.7	16.4	9.4	9.4	16.4	16.4
25°	194.2	163.7	102.9	56.1	30.4	18.7	9.4	4.7	9.4	25.7	30.4
27.5°	198.8	161.4	98.2	46.8	23.4	16.4	7.0	16.4	28.1	28.1	28.1
30°	203.5	156.7	91.2	39.8	21.1	11.7	11.7	23.4	23.4	28.1	30.4
32.5°	210.5	154.4	86.6	35.1	16.4	9.4	16.4	14.0	14.0	16.4	18.7
35°	224.6	156.7	81.9	35.1	16.4	11.7	14.0	7.0	4.7	4.7	4.7
37.5°	243.3	159.1	74.9	30.4	14.0	14.0	7.0	0.0	0.0	0.0	0.0
40°	273.7	166.1	70.2	28.1	11.7	11.7	2.3	0.0	0.0	0.0	0.0
42.5°	325.1	180.1	67.8	25.7	11.7	9.4	0.0	0.0	0.0	0.0	0.0
45°	428.1	212.9	63.2	23.4	11.7	4.7	0.0	0.0	0.0	0.0	0.0
47.5°	615.2	290.1	60.8	18.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	898.3	393.0	58.5	16.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1146.2	414.0	39.8	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1174.3	285.4	30.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	935.7	184.8	25.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	708.8	140.4	23.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	680.7	126.3	23.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	750.9	109.9	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1221.1	91.2	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2121.7	79.5	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2680.7	74.9	14.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2336.9	67.8	14.0	4.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	1405.9	58.5	14.0	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	736.8	44.4	14.0	11.7	7.0	2.3	0.0	0.0	0.0	0.0	0.0
80°	357.9	39.8	16.4	11.7	9.4	4.7	0.0	0.0	0.0	0.0	0.0
82.5°	140.4	32.7	18.7	16.4	11.7	7.0	2.3	0.0	0.0	0.0	0.0
85°	63.2	28.1	21.1	18.7	16.4	9.4	2.3	0.0	0.0	0.0	0.0
87.5°	32.7	25.7	23.4	21.1	16.4	11.7	4.7	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

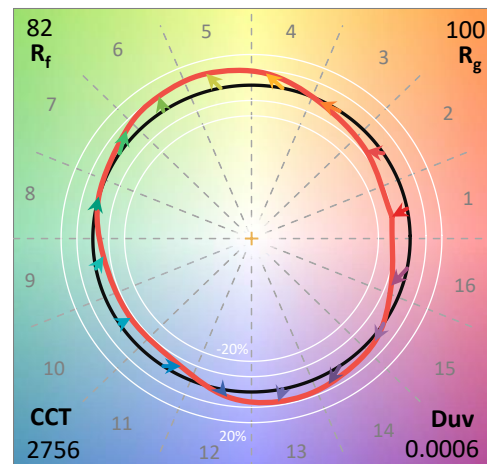
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

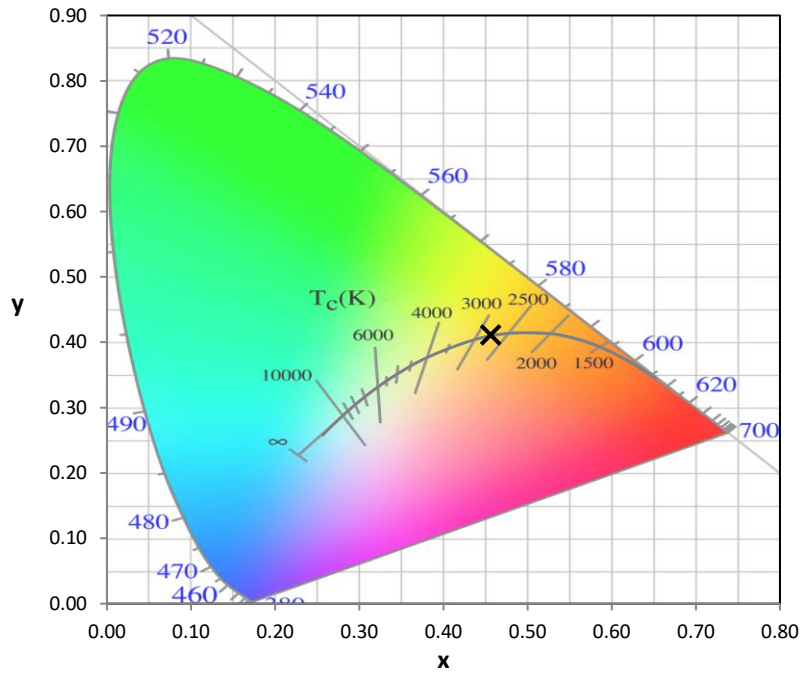
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

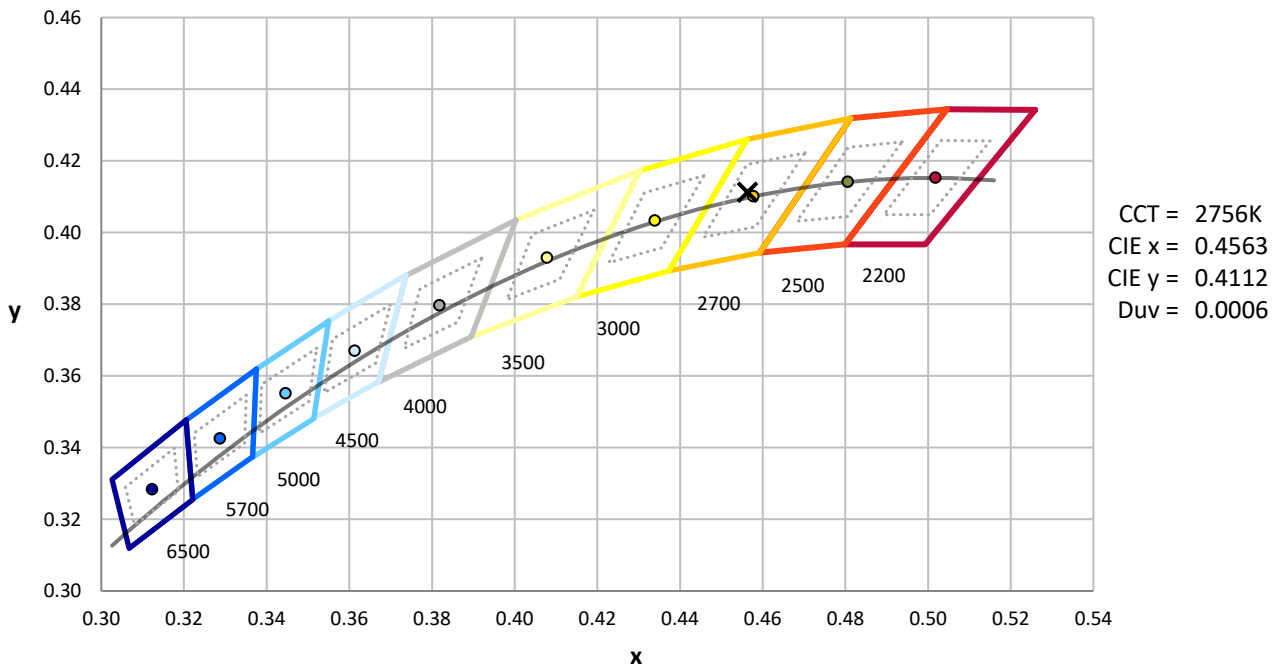
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

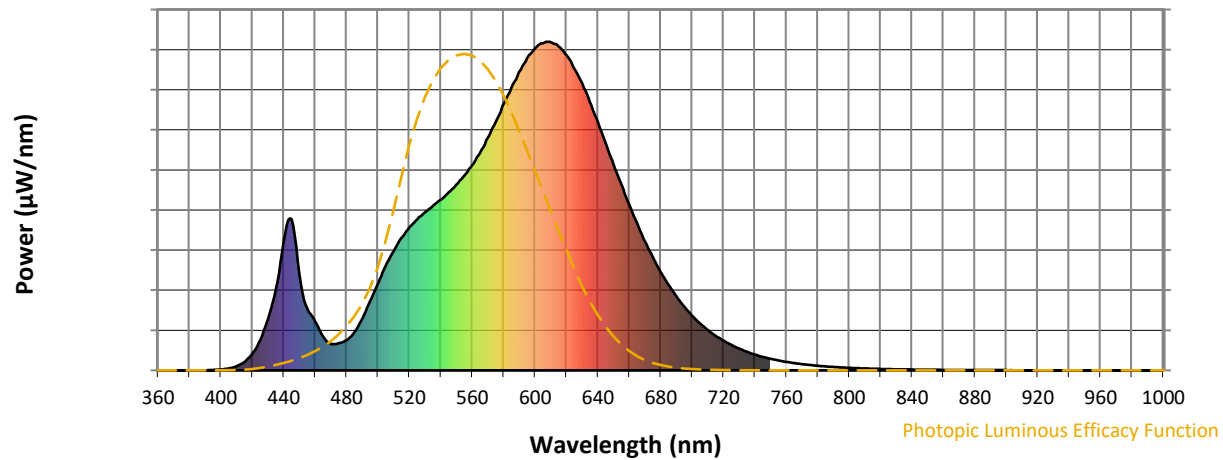


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

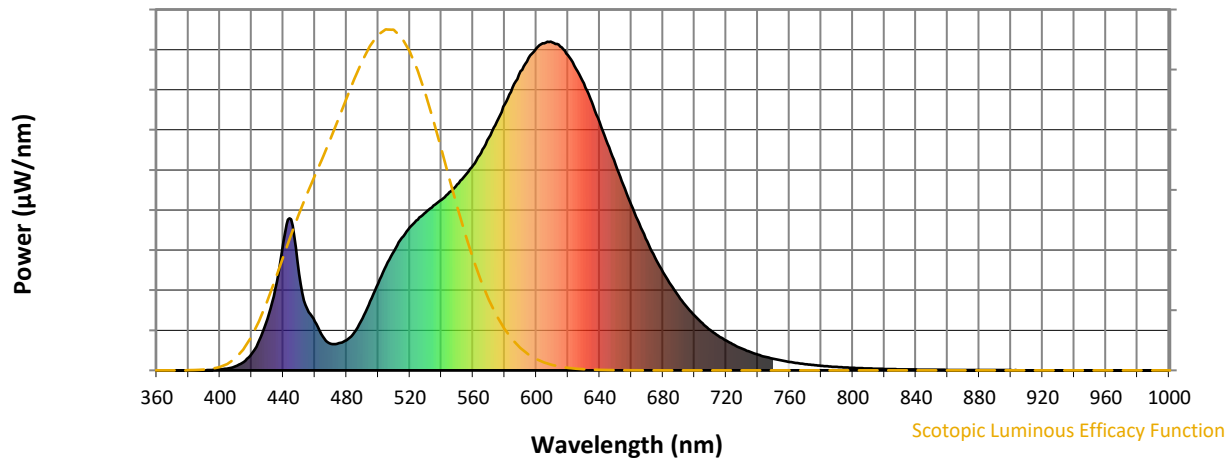


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



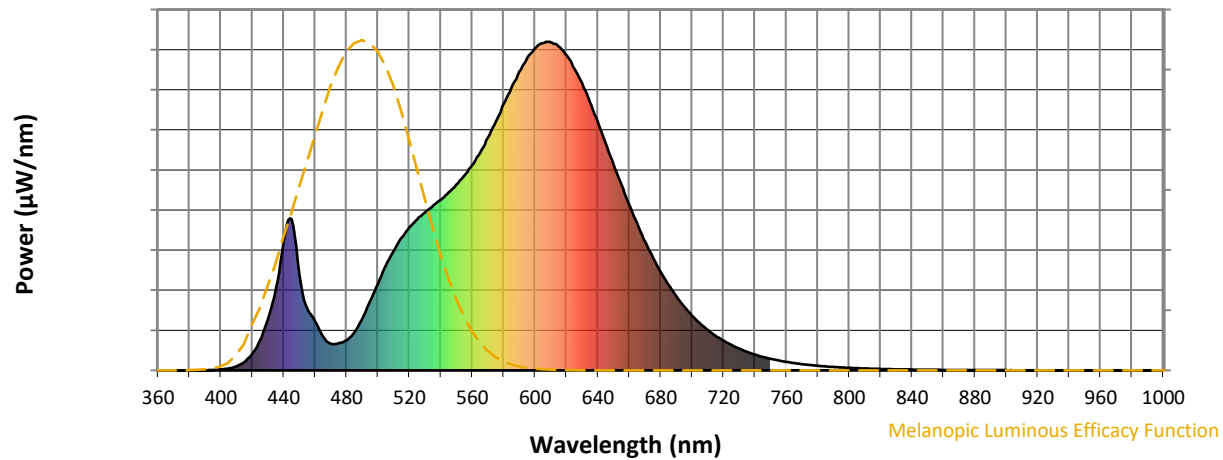
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

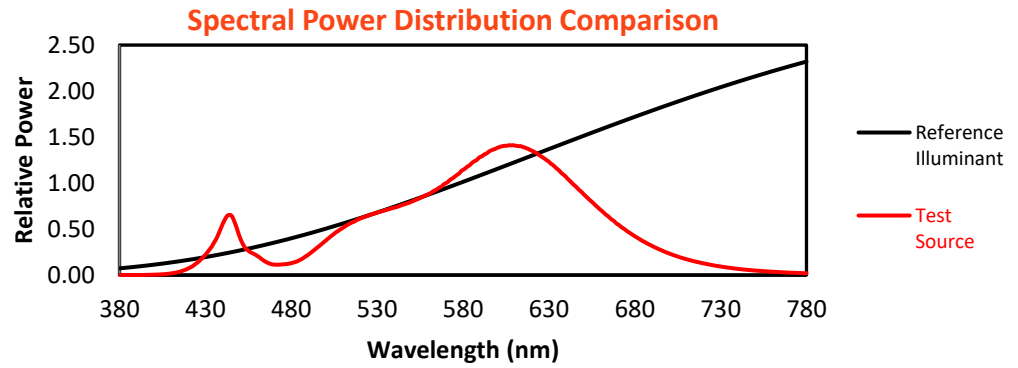
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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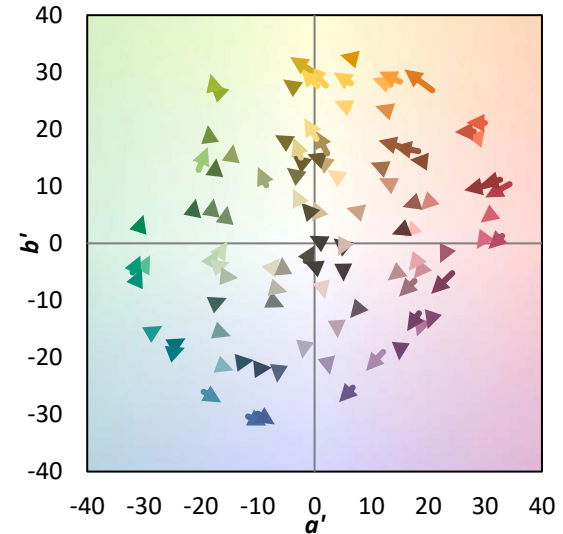
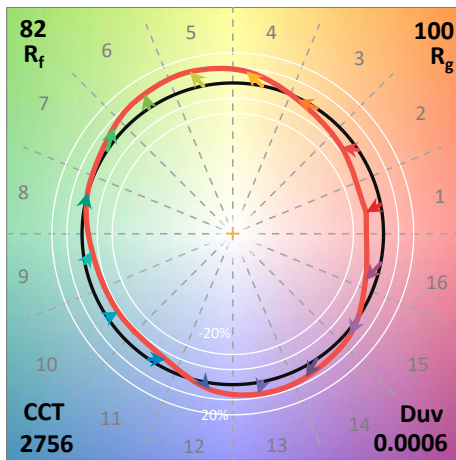
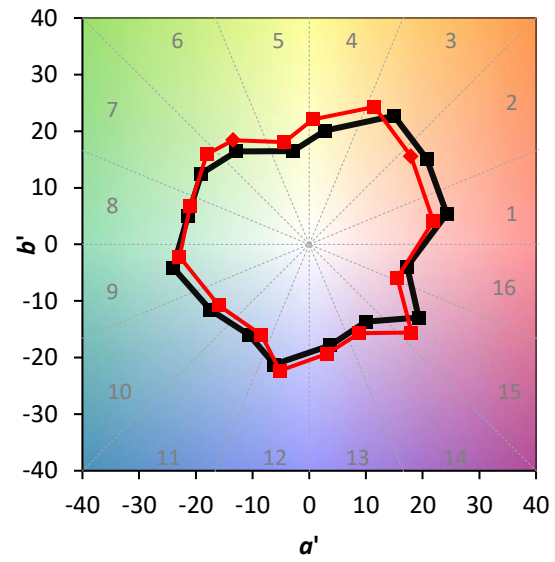
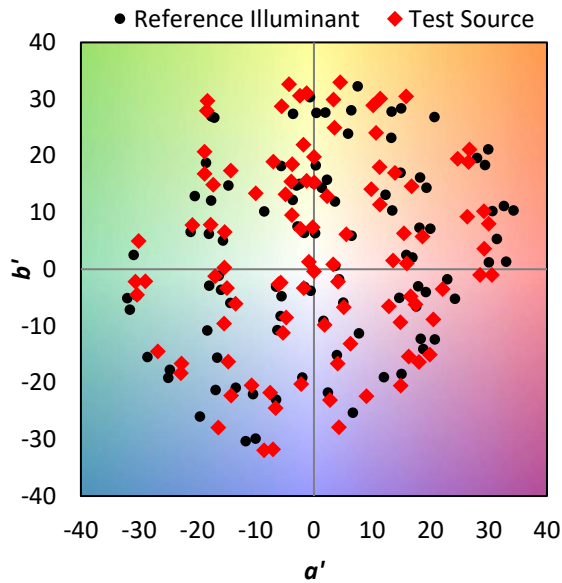
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

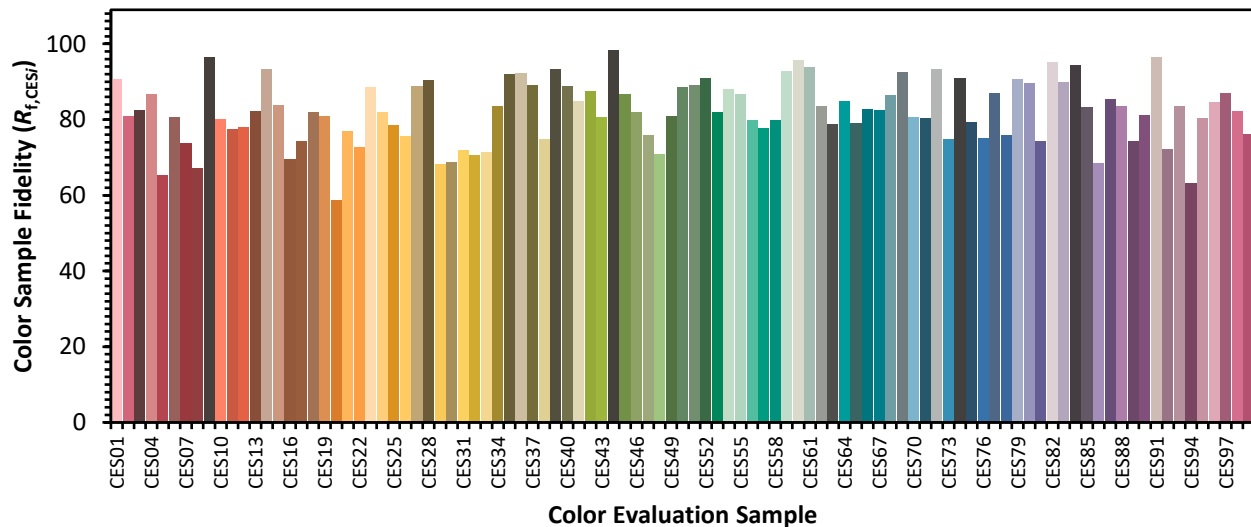


Color Vector Graphics

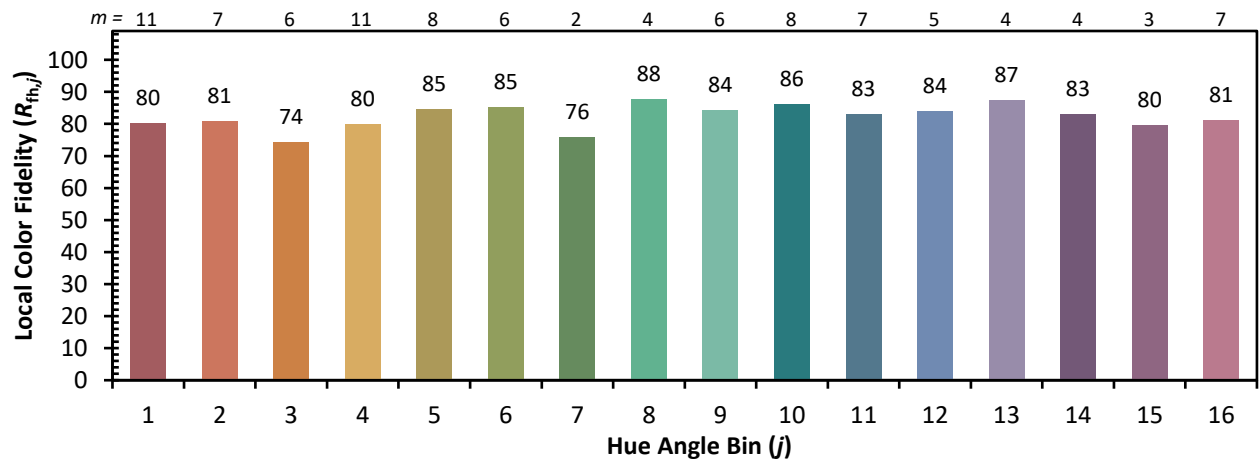
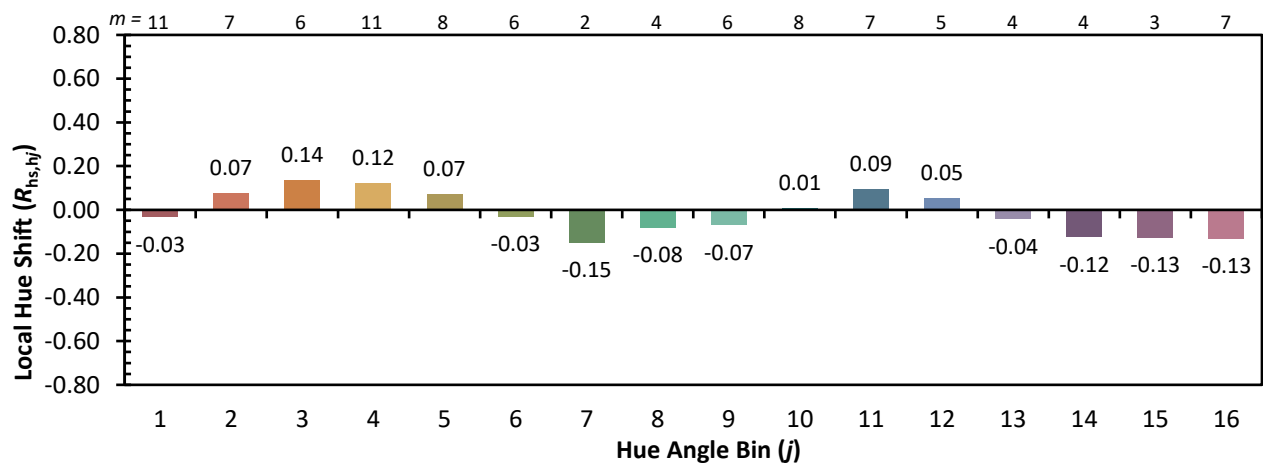
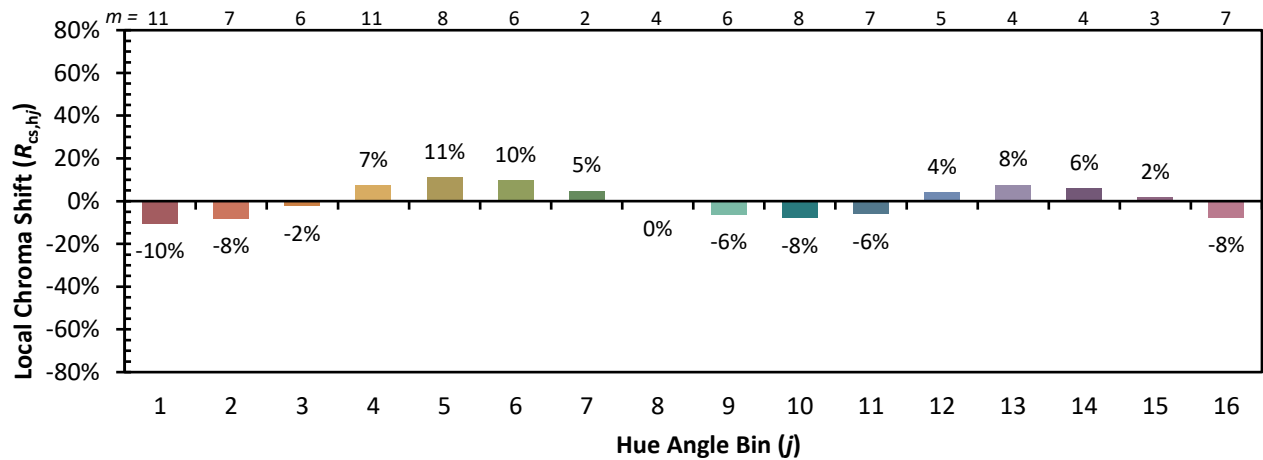


Individual Sample Fidelity Index ($R_{f,i}$)

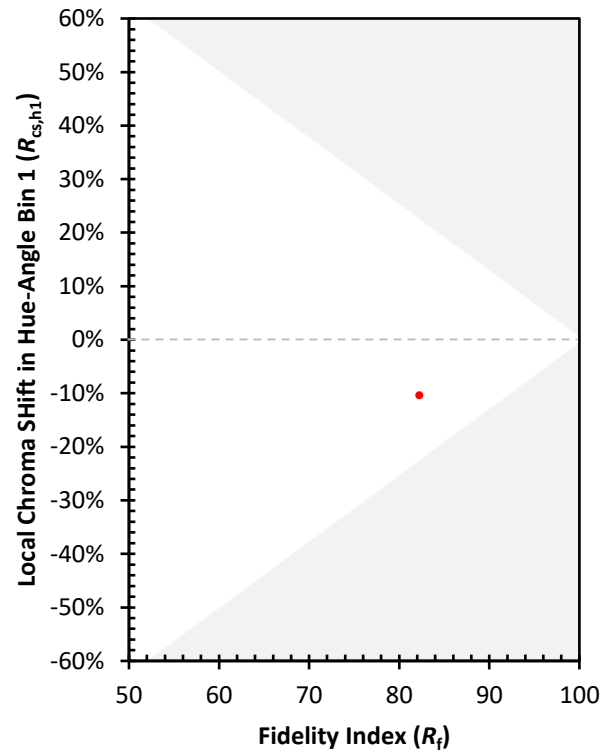
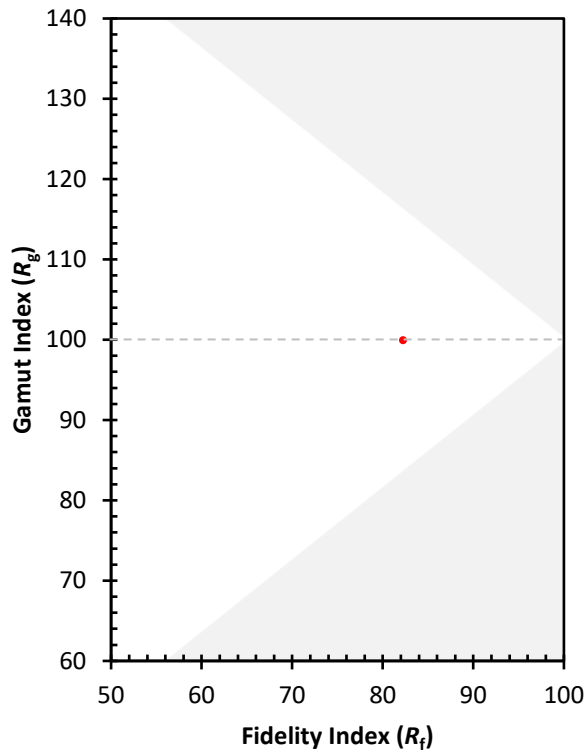
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)