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: P1064146

Luminaire Tested: **GLAN-SA6B-827-U-T4BC**

Issue Date: 08/07/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1064146
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA6B-827-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(84) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23270.3 lumens
Efficiency:	N/A
Efficacy:	108.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	213.8
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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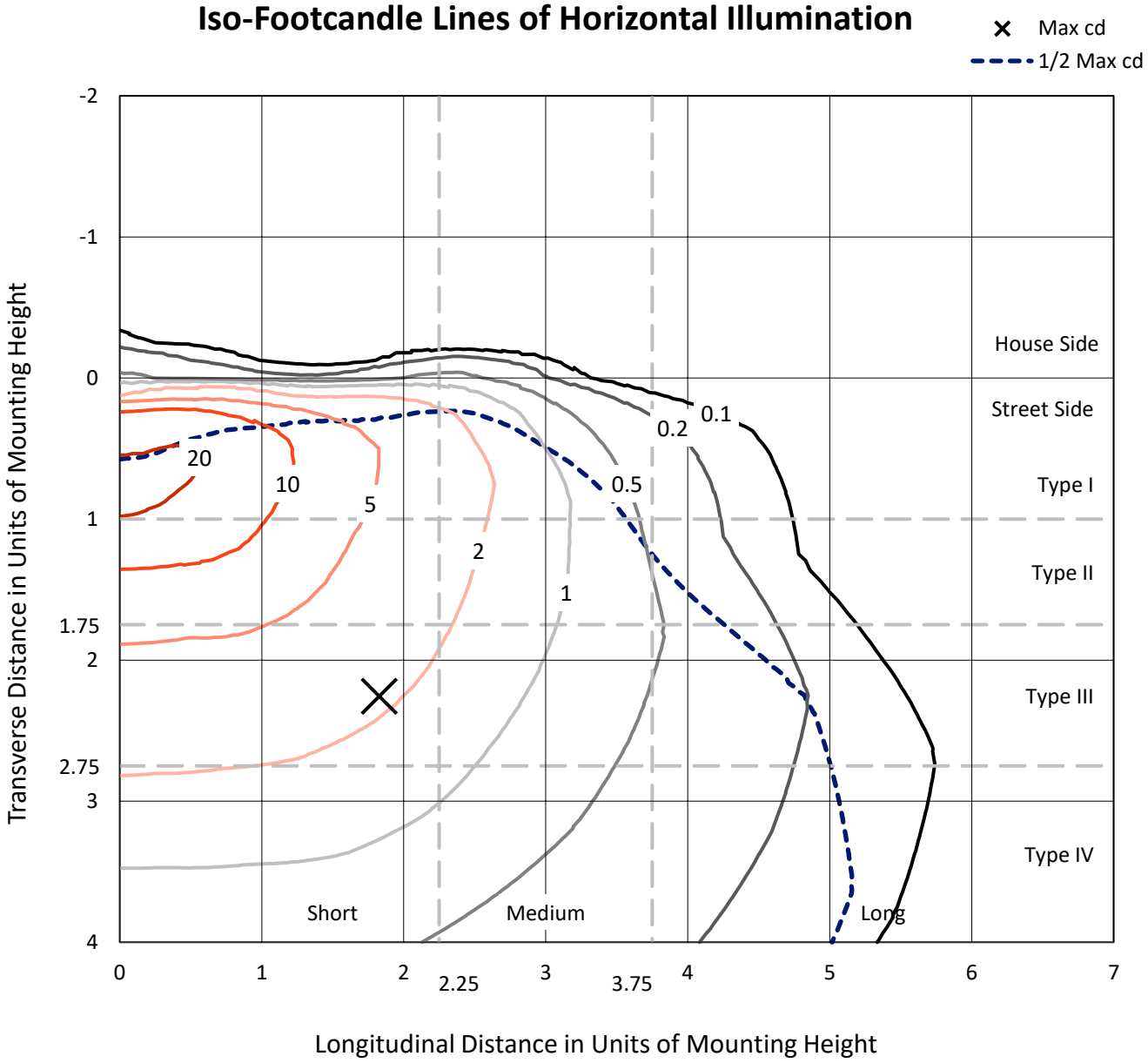
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.9 fc
Type IV - Short - N/A

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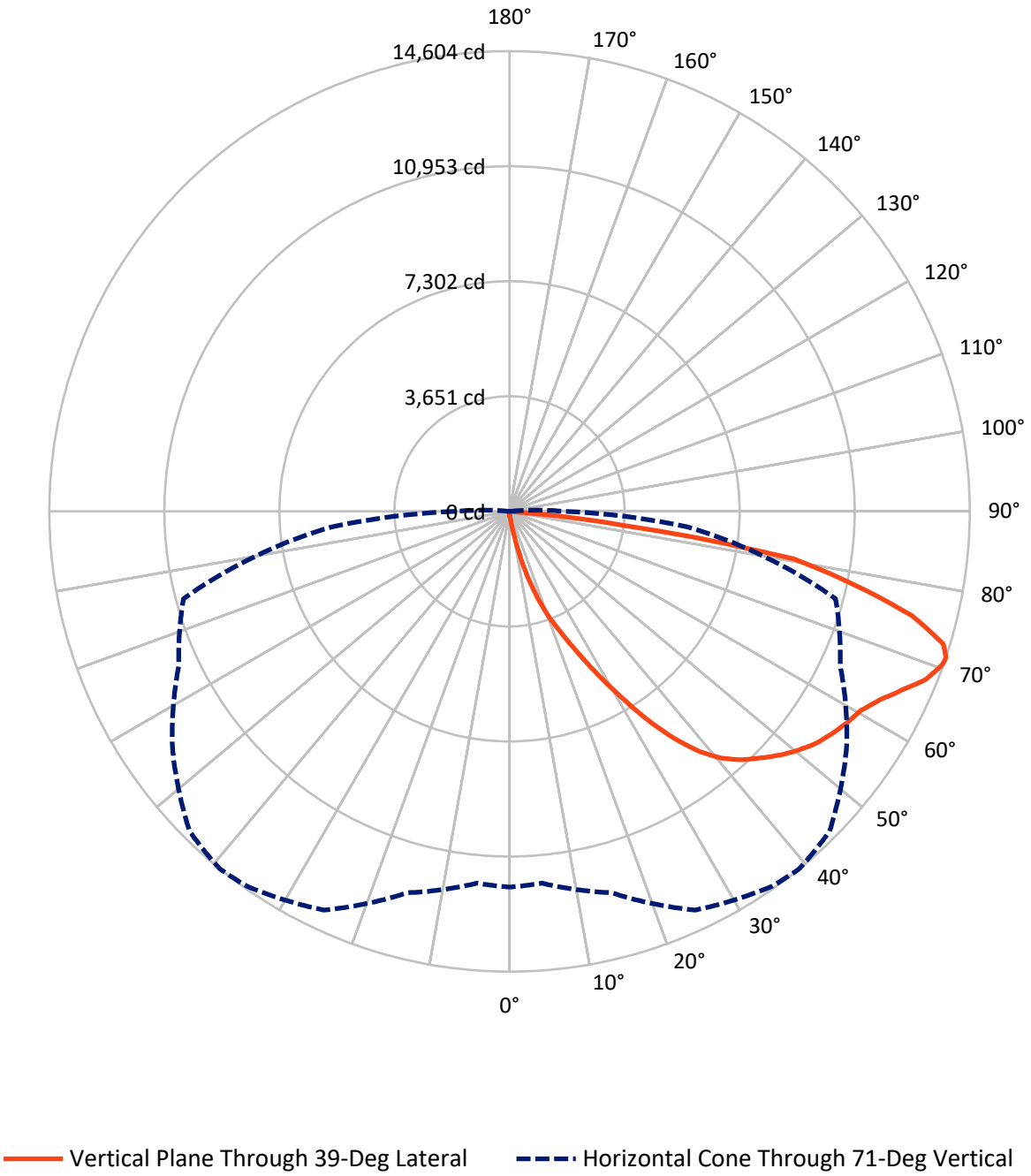
Luminous Intensity Polar Plot



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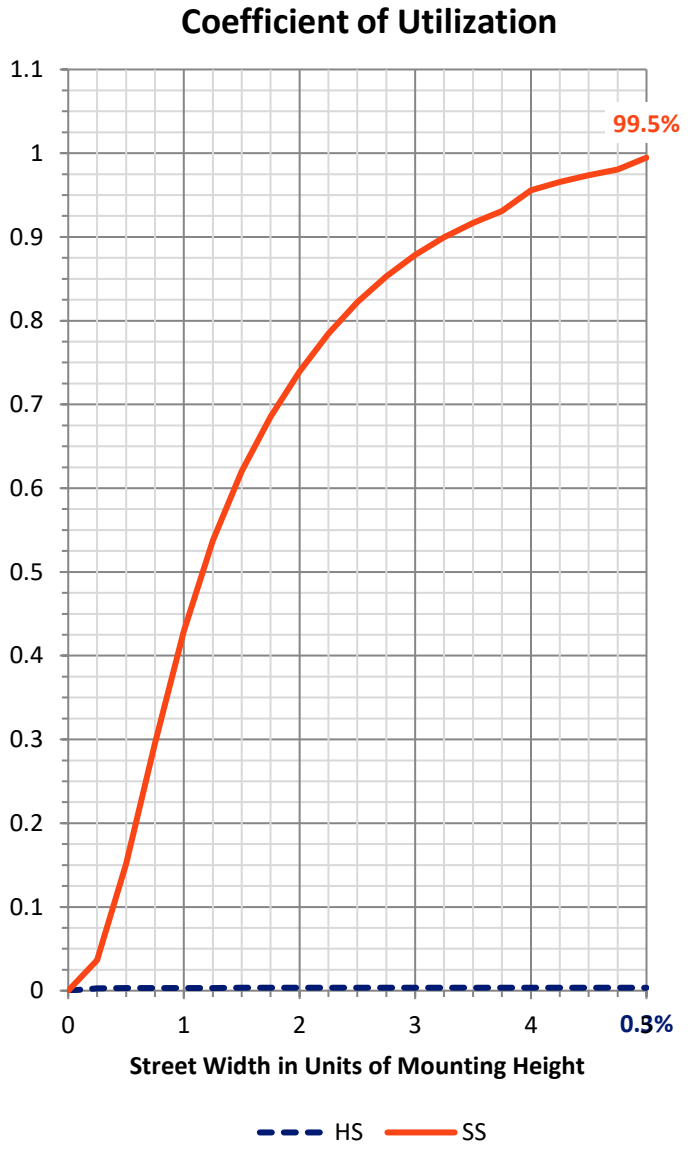
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.7	0.0	82.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23187.6	0.0	23187.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	23270.3	0.0	23270.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	0.1
10°-20°	248.7	1.1
20°-30°	885.7	3.8
30°-40°	2134.7	9.2
40°-50°	3572.6	15.4
50°-60°	4588.5	19.7
60°-70°	5806.8	25.0
70°-80°	5177.0	22.2
80°-90°	836.9	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°	23270.3	100.0
0°-180°	23270.3	100.0



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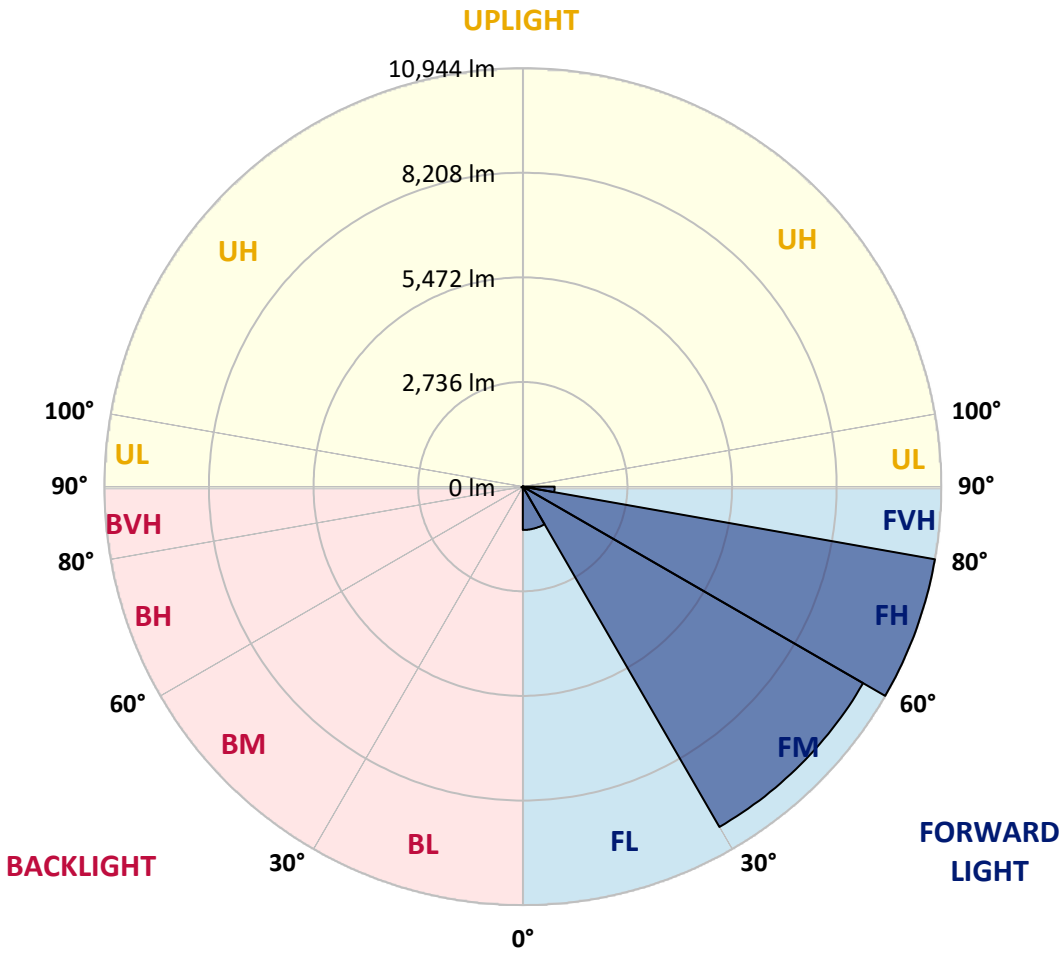
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1133.9	4.9			
FM	(30°-60°)	10276.6	44.2			
FH	(60°-80°)	10944.1	47.0			G4/12000
FVH	(80°-90°)	833.0	3.6			G5
BL	(0°-30°)	20.0	0.1	B0/110		
BM	(30°-60°)	19.1	0.1	B0/220		
BH	(60°-80°)	39.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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°	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
2.5°	146.5	146.5	146.5	141.8	141.8	140.2	138.6	138.6	135.5	133.9	130.7
5°	222.1	217.4	206.4	200.1	187.5	179.6	171.7	160.7	149.7	141.8	132.3
7.5°	502.5	513.5	477.3	409.6	340.3	310.3	259.9	209.5	173.3	149.7	133.9
10°	1280.7	1274.4	1151.5	1016.1	784.5	691.5	541.9	341.8	223.7	163.8	135.5
12.5°	2178.6	2172.3	2027.4	1843.1	1537.5	1343.7	1060.2	638.0	321.4	185.9	135.5
15°	2933.2	2908.0	2862.3	2679.5	2322.0	2159.7	1784.8	1127.9	519.8	223.7	138.6
17.5°	3432.5	3410.5	3367.9	3301.8	3074.9	2882.8	2581.9	1772.2	841.2	289.9	144.9
20°	3890.9	3875.2	3840.5	3827.9	3681.4	3579.0	3330.1	2512.6	1310.6	393.8	154.4
22.5°	4521.0	4488.0	4502.1	4426.5	4283.2	4160.3	4007.5	3287.6	1884.0	567.1	171.7
25°	5292.9	5277.2	5237.8	5184.2	4985.7	4878.6	4643.9	4018.5	2525.2	793.9	190.6
27.5°	6225.5	6208.2	6198.7	6075.8	5847.4	5730.9	5403.2	4708.5	3246.6	1112.1	215.8
30°	7299.8	7307.7	7246.3	7088.7	6822.5	6658.7	6321.6	5431.6	3985.4	1485.5	242.6
32.5°	8412.0	8396.2	8301.7	8115.8	7878.0	7725.2	7296.7	6223.9	4760.5	1978.5	274.1
35°	9610.8	9580.8	9331.9	9119.3	8916.1	8723.9	8333.2	7143.9	5535.5	2531.5	316.6
37.5°	10820.6	10680.4	10181.0	9911.6	9771.4	9613.9	9250.0	8125.3	6305.8	3149.0	368.6
40°	11734.2	11625.5	11033.2	10537.0	10425.2	10291.3	10020.3	8972.8	7125.0	3812.2	431.6
42.5°	12239.9	12180.0	11647.6	11157.7	10894.6	10776.5	10544.9	9713.2	7934.7	4544.7	523.0
45°	12455.7	12362.8	12006.8	11778.3	11359.3	11164.0	10888.3	10272.4	8780.6	5376.4	650.6
47.5°	12389.5	12336.0	12080.8	12164.3	11860.3	11556.2	11151.4	10700.9	9503.6	6331.0	825.4
50°	11973.7	11928.0	11849.2	12301.3	12263.5	11904.4	11491.6	11039.5	10094.4	7315.6	1096.4
52.5°	11182.9	11164.0	11365.6	12194.2	12491.9	12211.5	11819.3	11338.8	10645.7	8344.2	1483.9
55°	10163.7	10240.9	10817.4	12027.2	12608.5	12438.4	12109.1	11619.2	11088.4	9264.2	2055.7
57.5°	9744.7	9765.1	10485.0	11909.1	12660.5	12638.4	12391.1	11887.0	11494.8	9999.9	2928.4
60°	10234.6	10203.1	10582.7	11998.9	12764.5	12818.0	12641.6	12135.9	11847.7	10631.5	4091.0
62.5°	11119.9	11102.5	11223.8	12381.7	13068.5	13177.2	12989.7	12315.5	12159.6	11047.4	5417.4
65°	11910.7	11874.4	12099.7	13060.6	13602.5	13679.7	13515.9	12622.7	12296.6	11349.9	6663.4
67.5°	12252.5	12244.6	12606.9	13706.5	14163.3	14246.8	14103.4	13046.4	12265.1	11446.0	7213.2
70°	12096.5	12066.6	12646.3	13980.6	14479.9	14574.5	14435.8	13204.0	11923.3	11141.9	6398.8
71°	11924.8	11844.5	12528.2	13961.7	14524.0	14604.4	14361.8	13060.6	11579.9	10710.3	5660.0
72.5°	11392.4	11406.6	12203.7	13764.8	14418.5	14394.9	13942.8	12547.1	11165.6	9730.5	4546.2
75°	10081.8	10165.3	11153.0	12937.7	13476.5	13175.6	12484.1	11565.7	10333.8	6976.9	3156.9
77.5°	8238.7	8363.1	9448.5	11346.7	11193.9	11164.0	11135.6	10190.5	8824.7	3747.6	2195.9
80°	3933.5	4202.8	5699.3	8100.1	8799.5	9138.2	8925.5	8211.9	6824.1	1784.8	1312.2
82.5°	256.8	253.6	359.2	680.5	2868.6	3708.2	5891.5	5869.5	4757.3	869.6	535.6
85°	121.3	124.4	137.0	156.0	181.2	198.5	274.1	1606.8	2276.3	414.3	116.6
87.5°	70.9	72.5	85.1	108.7	141.8	157.5	187.5	241.0	296.2	228.4	25.2
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-SA6B-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
2.5°	129.2	127.6	122.9	118.1	113.4	110.3	108.7	110.3	110.3	111.8	111.8
5°	129.2	124.4	116.6	107.1	100.8	94.5	91.4	89.8	91.4	91.4	91.4
7.5°	127.6	119.7	108.7	97.7	89.8	81.9	78.8	77.2	77.2	78.8	78.8
10°	124.4	116.6	102.4	89.8	80.3	70.9	66.2	61.4	61.4	61.4	63.0
12.5°	122.9	111.8	94.5	81.9	69.3	58.3	48.8	44.1	45.7	45.7	45.7
15°	119.7	107.1	89.8	74.0	58.3	44.1	36.2	31.5	33.1	34.7	33.1
17.5°	119.7	105.5	83.5	64.6	45.7	33.1	26.8	23.6	23.6	25.2	25.2
20°	119.7	102.4	78.8	55.1	34.7	25.2	18.9	17.3	17.3	20.5	22.1
22.5°	122.9	102.4	72.5	45.7	28.4	18.9	14.2	12.6	14.2	17.3	18.9
25°	127.6	100.8	66.2	41.0	23.6	14.2	11.0	7.9	9.5	12.6	14.2
27.5°	132.3	99.2	59.9	36.2	18.9	11.0	7.9	6.3	4.7	6.3	6.3
30°	137.0	99.2	53.6	29.9	15.8	7.9	4.7	3.2	1.6	0.0	0.0
32.5°	140.2	96.1	48.8	23.6	12.6	6.3	3.2	1.6	0.0	0.0	0.0
35°	143.4	92.9	42.5	18.9	9.5	4.7	1.6	0.0	0.0	0.0	0.0
37.5°	146.5	88.2	36.2	15.8	7.9	3.2	0.0	0.0	0.0	0.0	0.0
40°	149.7	81.9	29.9	14.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	152.8	77.2	25.2	11.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.7	74.0	20.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	174.9	70.9	18.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	195.3	67.7	17.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	223.7	66.2	15.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	274.1	64.6	14.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	360.7	63.0	14.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	552.9	59.9	14.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	987.7	58.3	12.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1721.8	59.9	12.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2468.5	63.0	11.0	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2112.4	55.1	11.0	6.3	3.2	1.6	0.0	0.0	0.0	0.0	0.0
71°	*1721.8*	*48.8*	*11.0*	*6.3*	*3.2*	*1.6*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1107.4	37.8	9.5	6.3	3.2	3.2	1.6	0.0	0.0	0.0	0.0
75°	467.9	31.5	9.5	6.3	4.7	3.2	3.2	1.6	0.0	0.0	0.0
77.5°	200.1	23.6	9.5	7.9	6.3	4.7	4.7	3.2	1.6	0.0	0.0
80°	75.6	18.9	11.0	9.5	7.9	7.9	6.3	3.2	1.6	0.0	0.0
82.5°	34.7	15.8	11.0	9.5	9.5	7.9	6.3	4.7	3.2	0.0	0.0
85°	22.1	14.2	11.0	9.5	9.5	7.9	7.9	4.7	3.2	0.0	0.0
87.5°	17.3	14.2	11.0	11.0	9.5	9.5	6.3	4.7	1.6	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

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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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

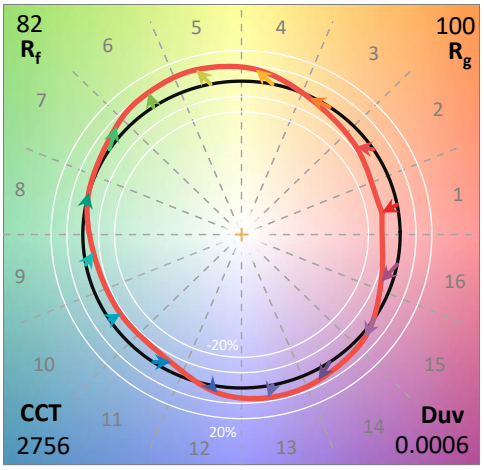
Test Information

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
Rf:	82.2
Rg:	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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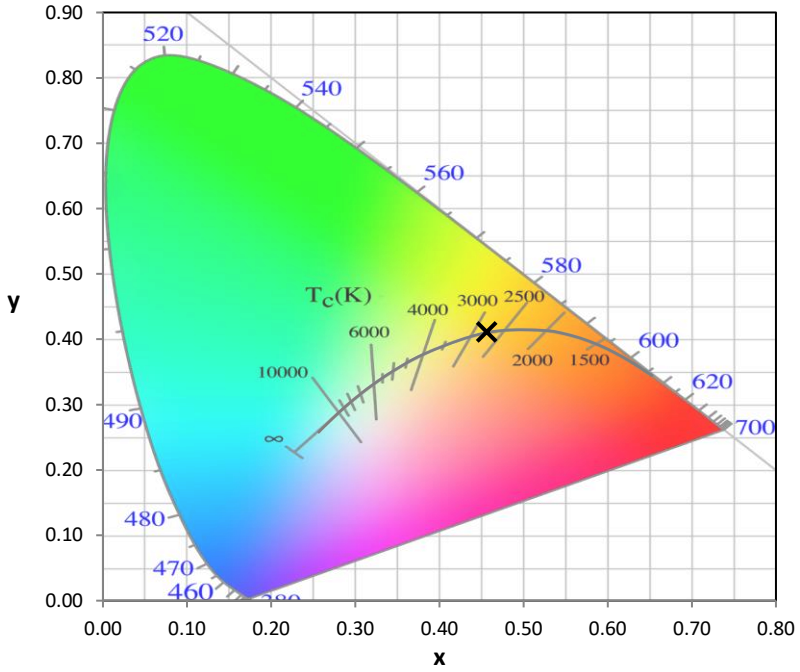
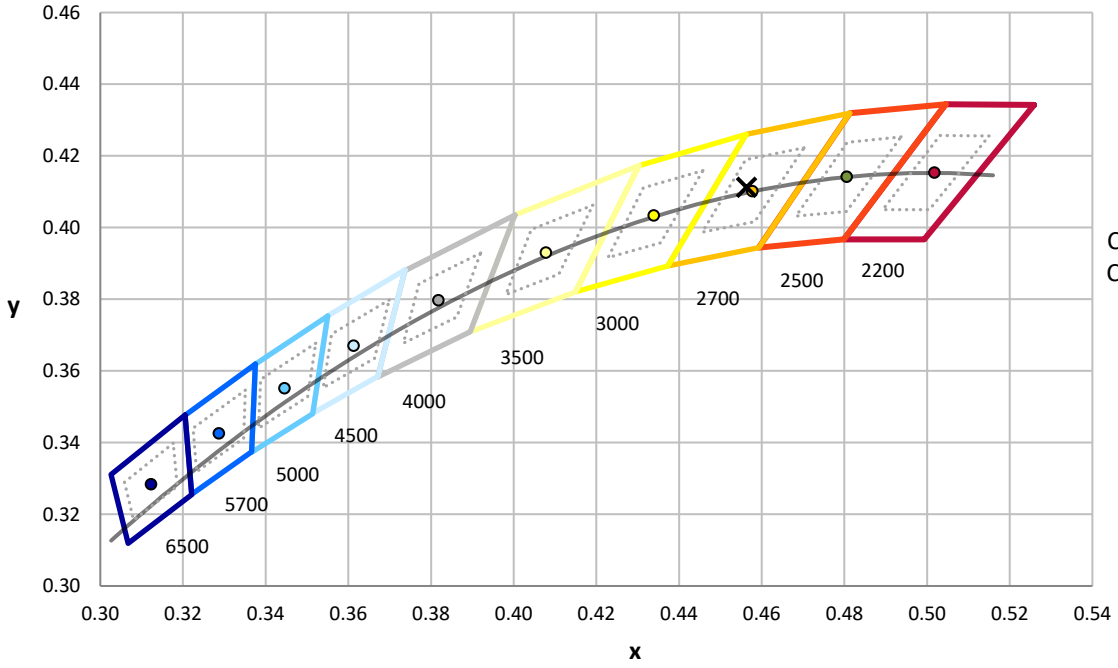
CIE 1931 Chromaticity Diagram



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

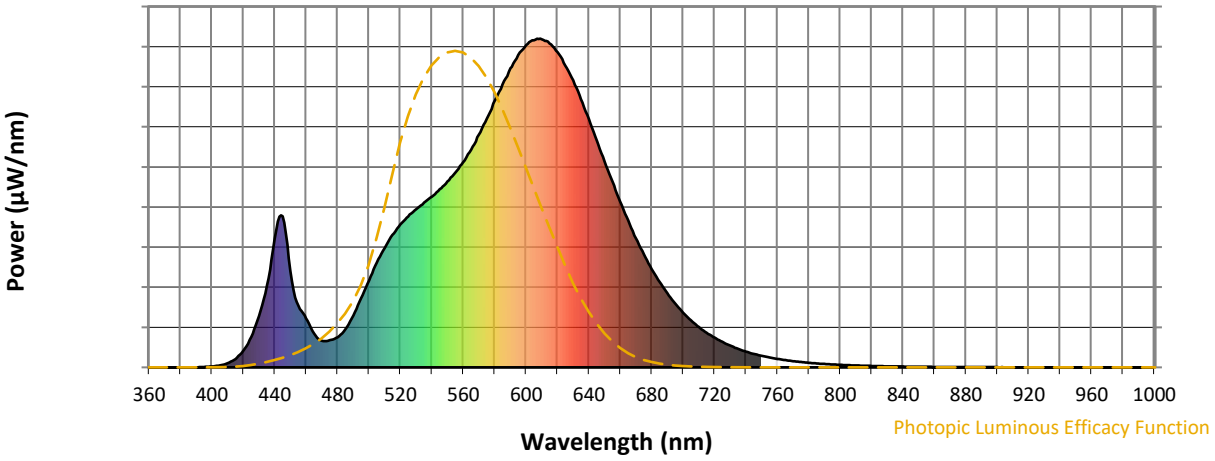


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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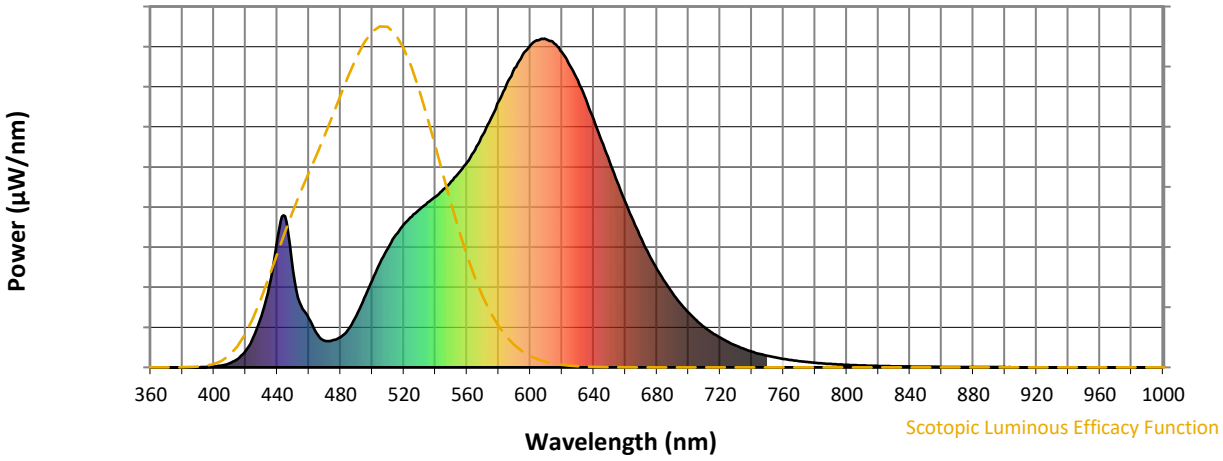
Scotopic Flux vs. Wavelength



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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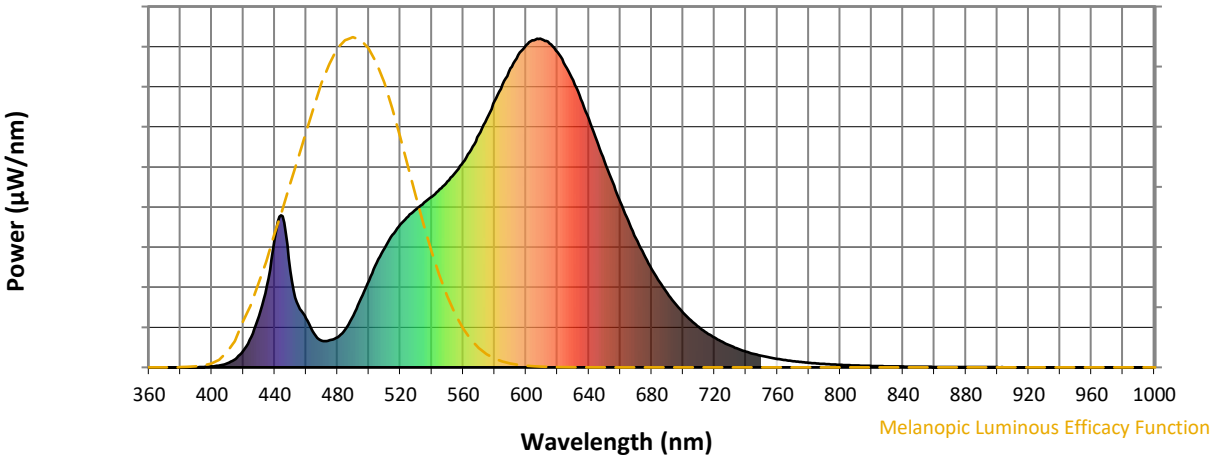
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

λ (nm)	Power 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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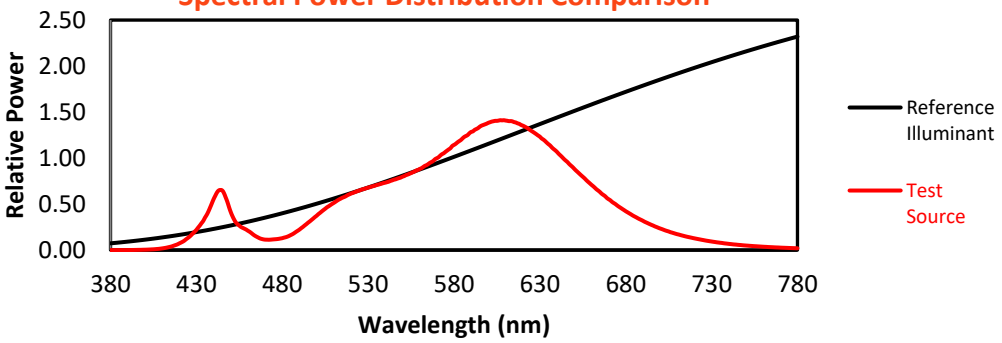
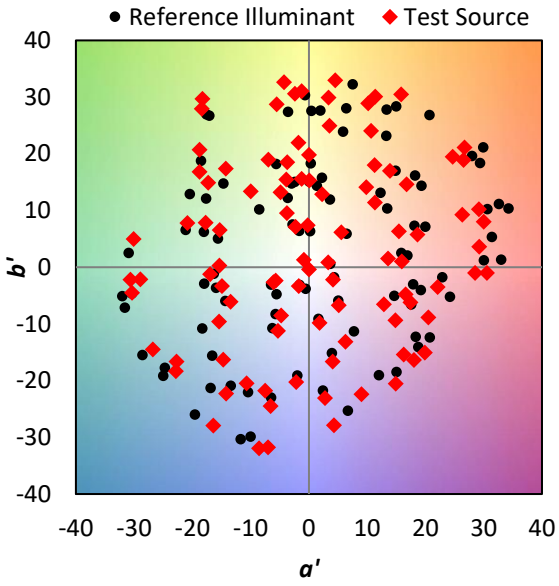
Summary

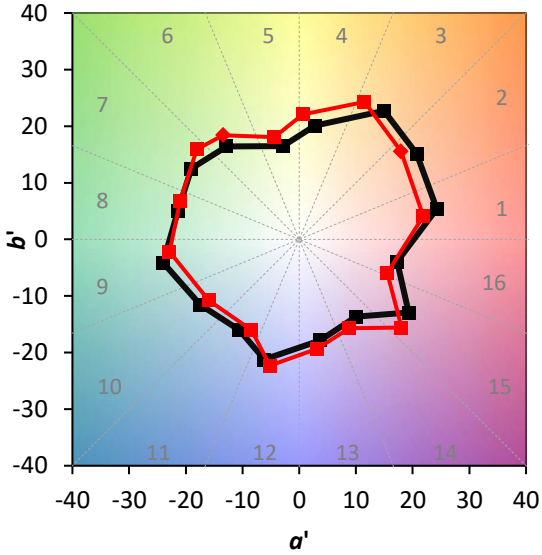
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

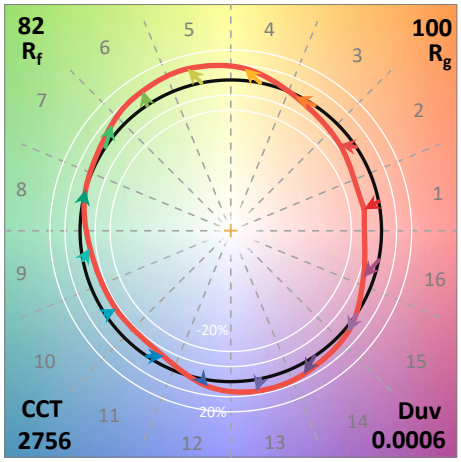
Spectral Power Distribution Comparison

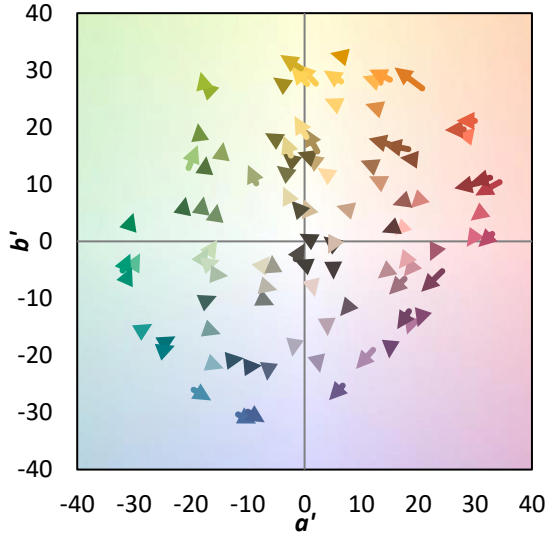


Color Vector Graphics









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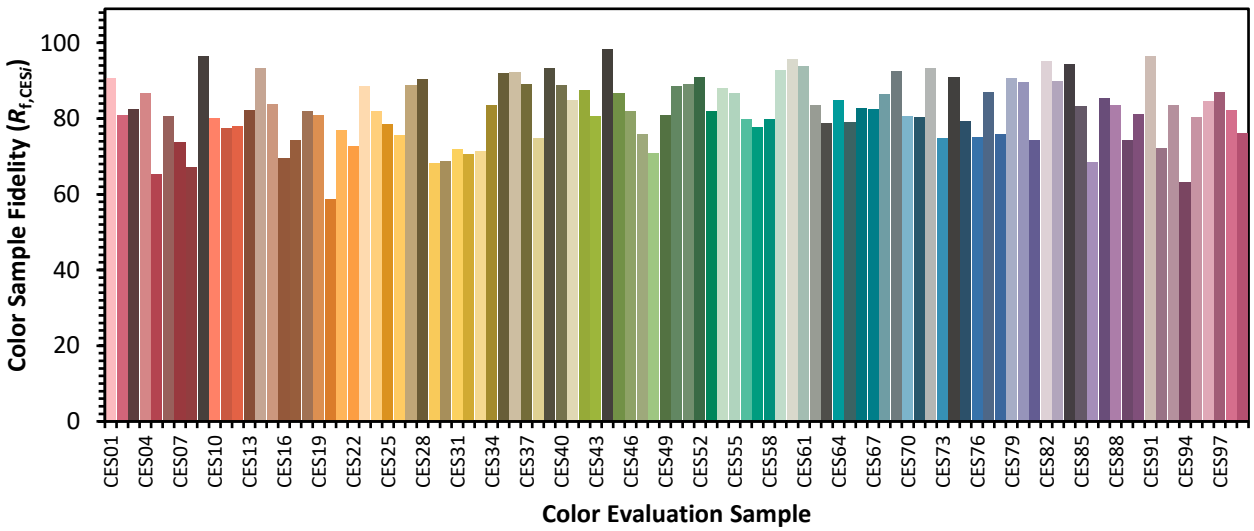
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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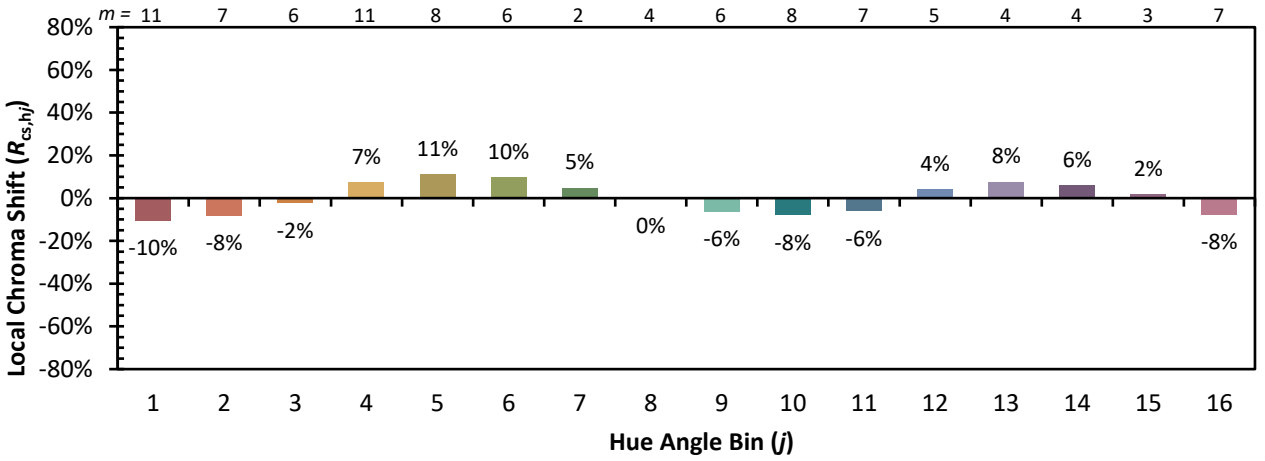
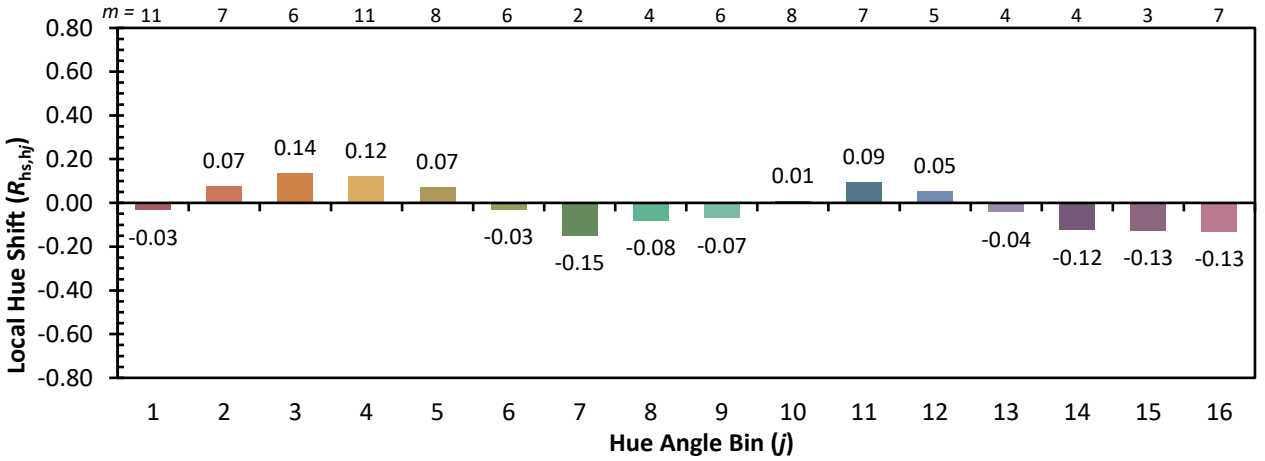
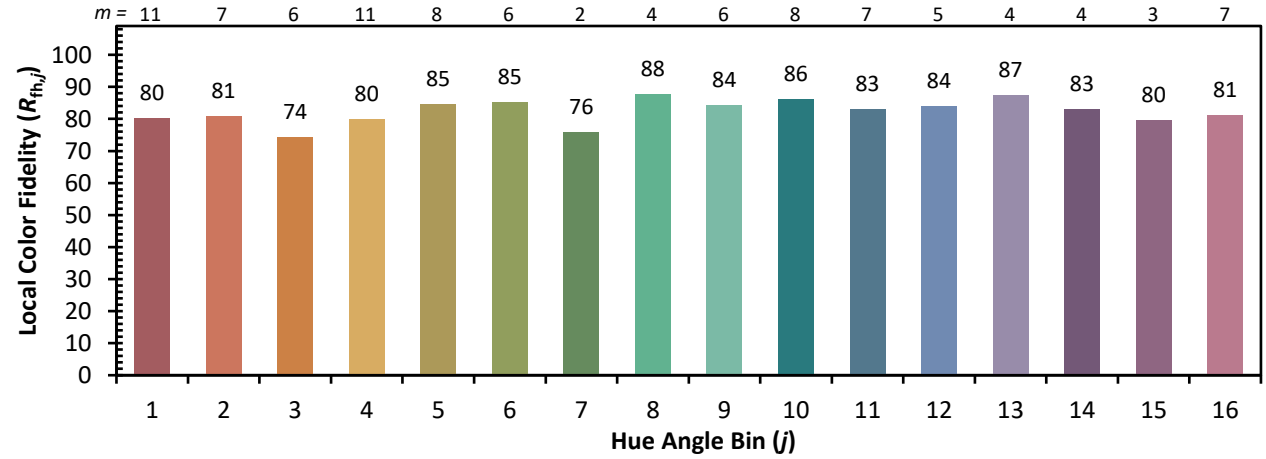
Color Rendition by Hue-Angle Bin







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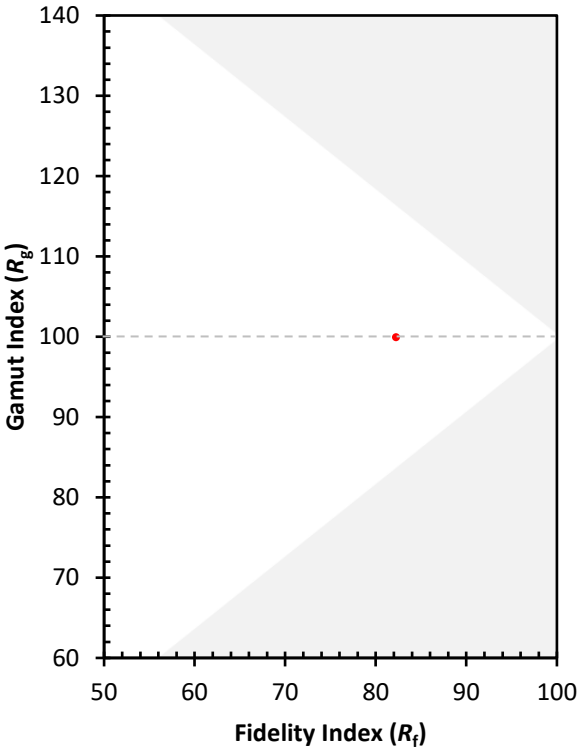
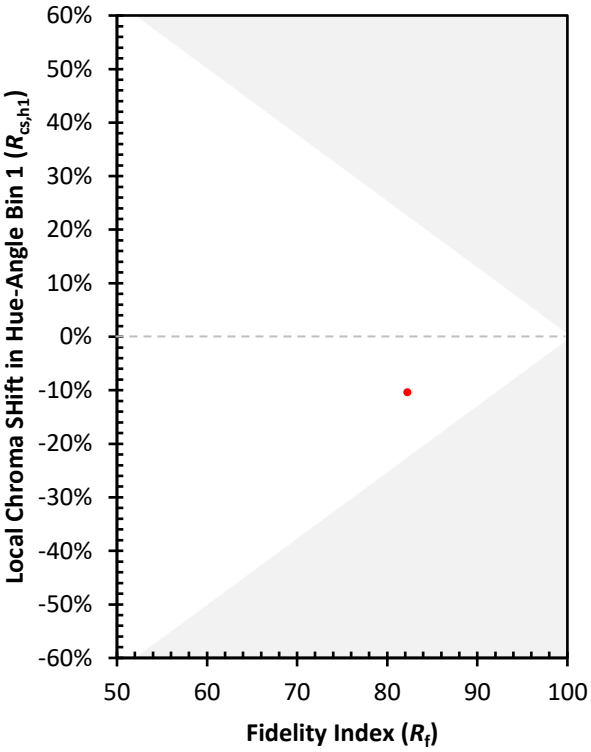
Measure Comparisons





(END OF REPORT)