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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1459171

Luminaire Tested: GLAN-SB9A-935-U-T4LG-HSS

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1459171
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-935-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20625 lumens
Efficiency:	N/A
Efficacy:	80.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	255.5
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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REPORT NUMBER: P1459171
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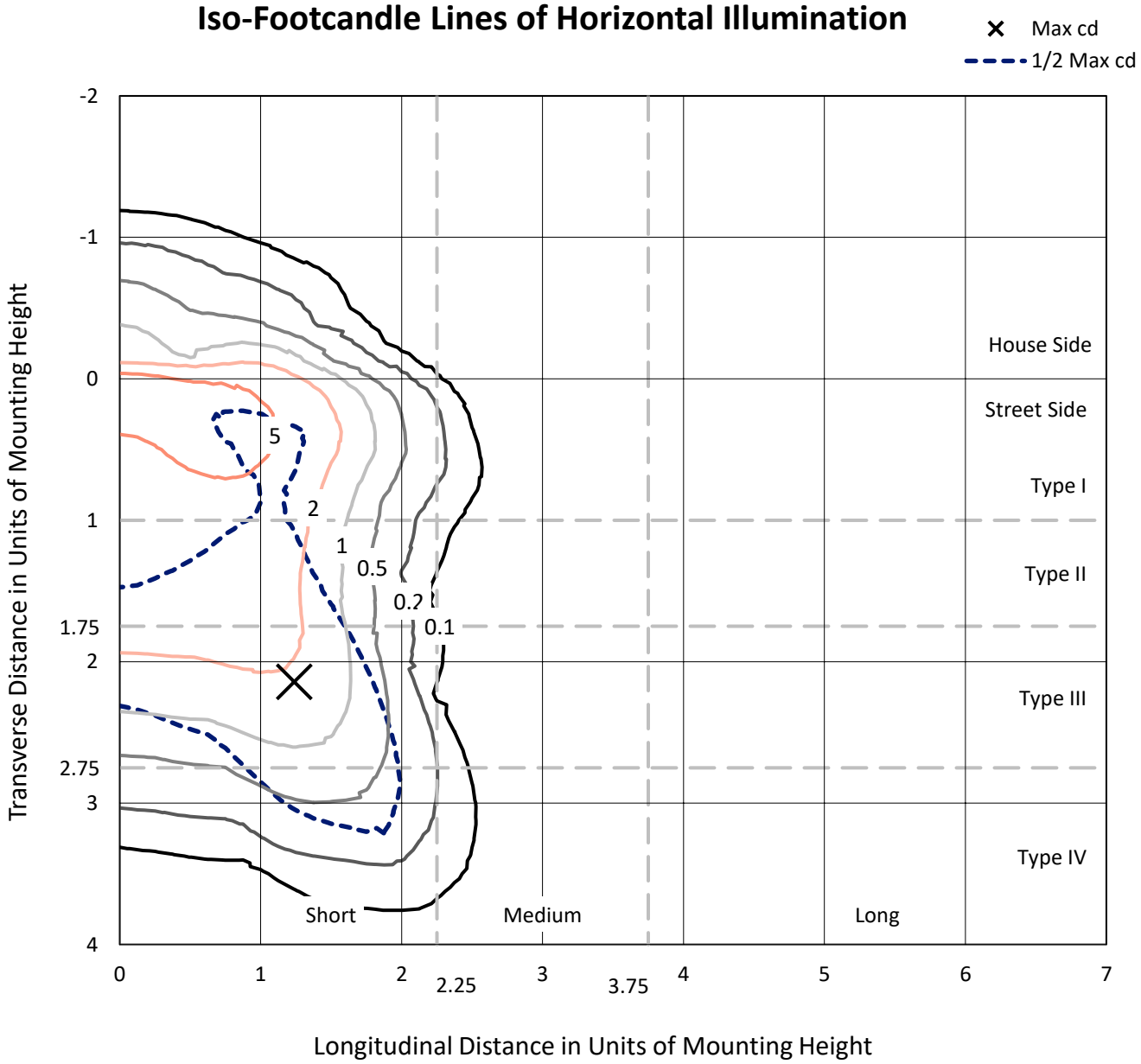
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10 fc
Type IV - Short - N/A

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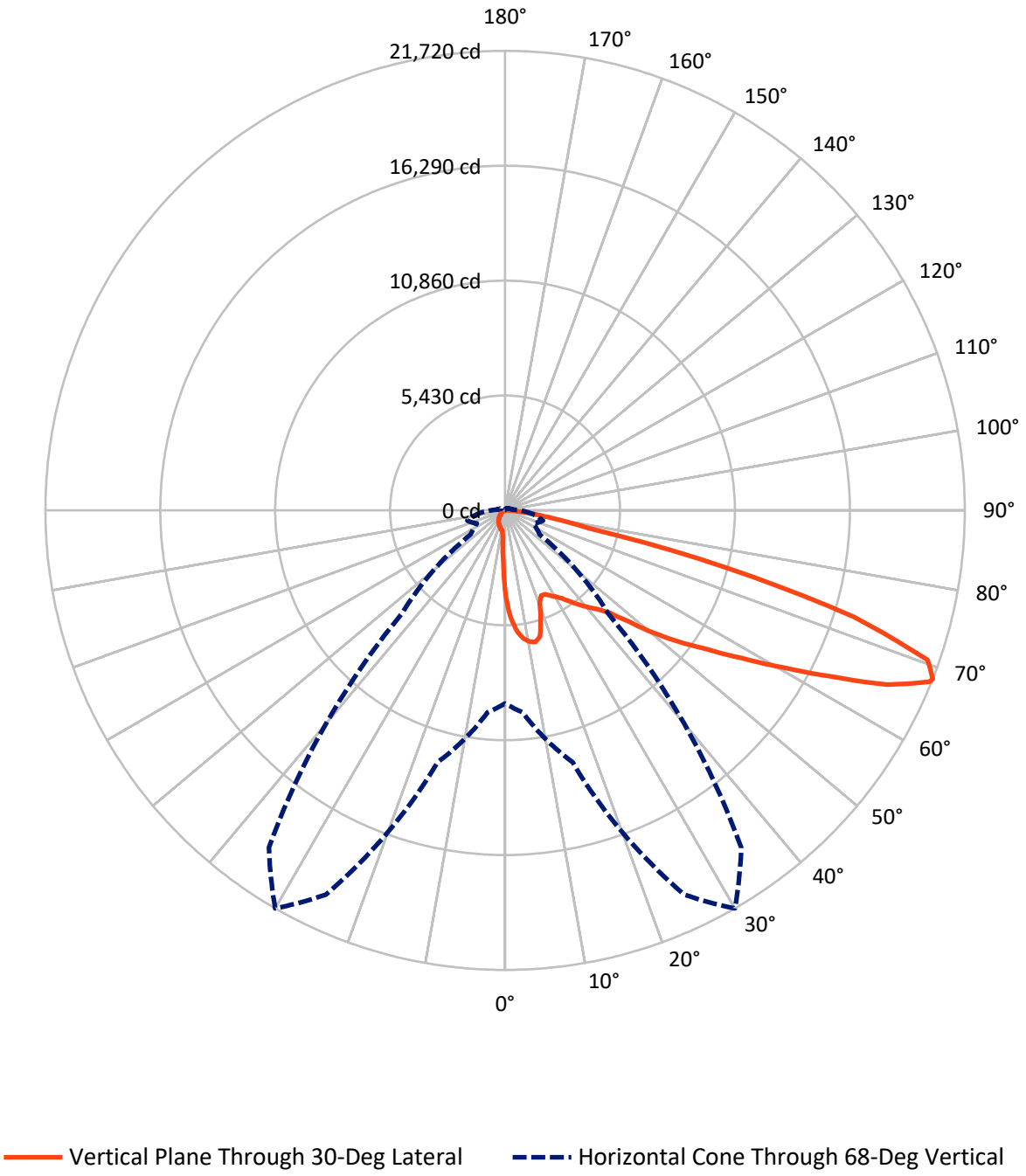
Luminous Intensity Polar Plot



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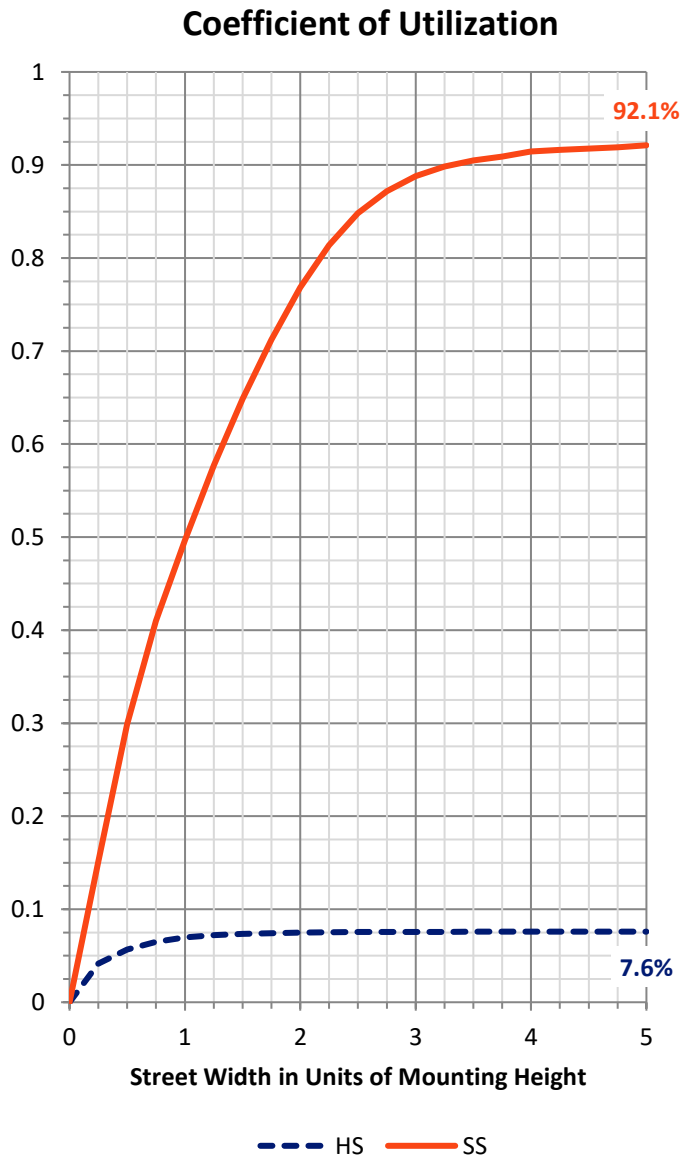
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1574.2	0.0	1574.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	19050.8	0.0	19050.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	20625.0	0.0	20625.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.9	1.7
10°-20°	1001.9	4.9
20°-30°	1574.4	7.6
30°-40°	2469.4	12.0
40°-50°	3691.0	17.9
50°-60°	4910.2	23.8
60°-70°	4746.7	23.0
70°-80°	1706.3	8.3
80°-90°	174.1	0.8
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°	20625.0	100.0
0°-180°	20625.0	100.0



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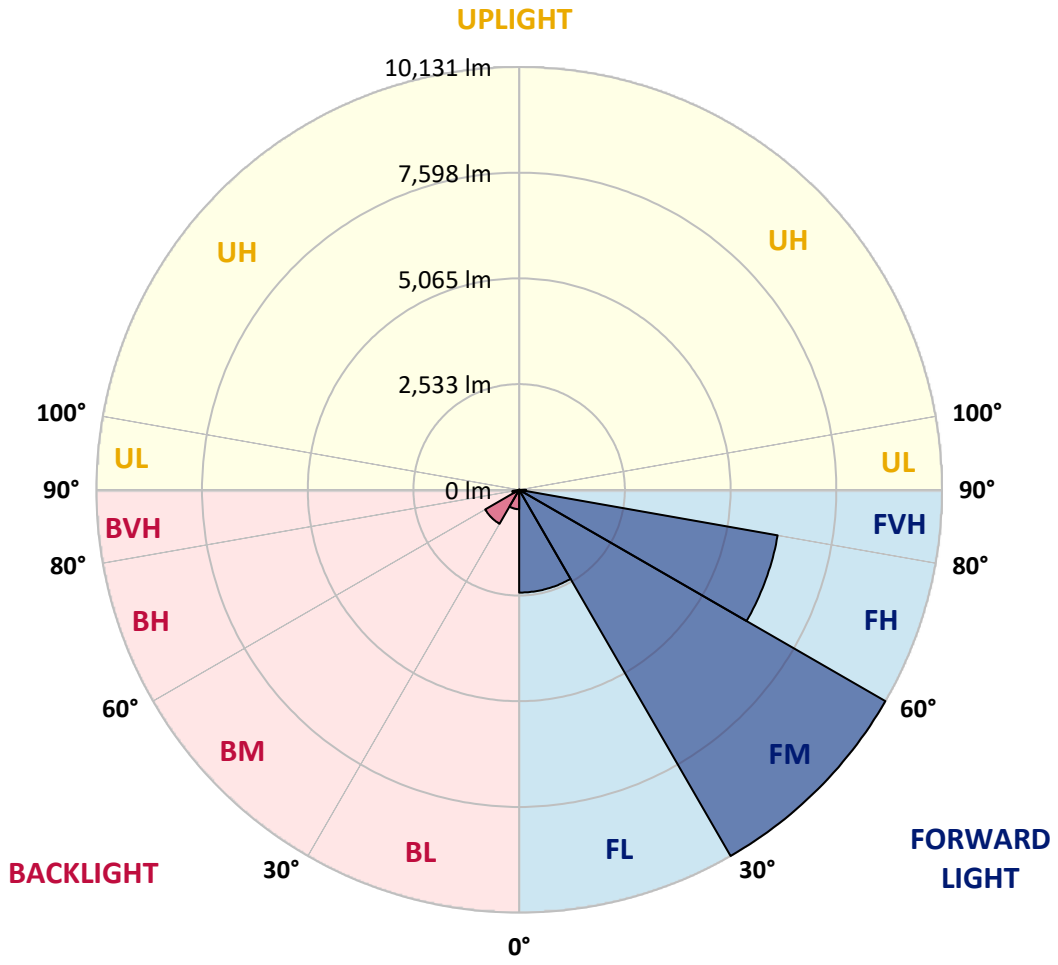
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2462.6	11.9			
FM	(30°-60°)	10131.0	49.1			
FH	(60°-80°)	6289.2	30.5			G3/7500
FVH	(80°-90°)	167.9	0.8			G2/225
BL	(0°-30°)	464.7	2.3	B1/500		
BM	(30°-60°)	939.7	4.6	B1/1000		
BH	(60°-80°)	163.7	0.8	B1/500		G1/500
BVH	(80°-90°)	6.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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REPORT NUMBER: P1459171
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4067.0	4067.0	4067.0	4067.0	*4067.0*	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0
2.5°	5198.1	5198.1	5161.0	5111.6	*5055.9*	5037.4	4932.3	4784.0	4629.5	4450.2	4190.6
5°	5865.6	5859.4	5785.3	5785.3	*5711.1*	5643.1	5538.0	5321.7	5074.5	4753.1	4301.9
7.5°	6162.3	6174.7	6143.8	6143.8	*6100.5*	6051.1	5989.2	5779.1	5488.6	5055.9	4413.1
10°	6267.4	6273.6	6273.6	6316.8	*6304.5*	6298.3	6292.1	6174.7	5871.8	5365.0	4530.6
12.5°	6014.0	6044.9	6131.4	6323.0	*6384.8*	6452.8	6545.5	6508.4	6298.3	5754.4	4709.8
15°	5198.1	5204.3	5445.3	5921.3	*6174.7*	6434.3	6792.8	6866.9	6730.9	6174.7	4895.2
17.5°	4289.5	4308.1	4499.7	5031.2	*5439.1*	6038.7	6934.9	7237.8	7188.3	6588.8	5068.3
20°	3912.5	3937.2	4029.9	4363.7	*4672.7*	5229.0	6792.8	7590.1	7608.6	7002.9	5229.0
22.5°	3825.9	3844.5	3918.7	4178.3	*4369.9*	4740.7	6310.6	7868.2	8084.6	7478.8	5420.6
25°	3801.2	3819.8	3931.0	4215.3	*4394.6*	4703.6	5871.8	8016.6	8647.0	7973.3	5606.0
27.5°	3782.7	3807.4	3986.6	4351.3	*4561.5*	4858.1	5791.5	8047.5	9184.7	8498.7	5908.9
30°	3807.4	3844.5	4079.4	4493.5	*4734.5*	5068.3	5983.1	8078.4	9778.1	9098.2	6292.1
32.5°	3906.3	3937.2	4221.5	4685.1	*4963.2*	5340.3	6310.6	8263.8	10340.6	9710.1	6656.8
35°	4017.6	4060.8	4400.8	4957.0	*5290.8*	5717.3	6755.7	8628.5	10878.3	10291.1	7033.8
37.5°	4153.5	4203.0	4610.9	5266.1	*5649.3*	6131.4	7237.8	9135.3	11354.2	10767.0	7410.8
40°	4339.0	4394.6	4852.0	5593.7	*6007.8*	6489.9	7713.7	9635.9	11718.9	11051.4	7658.1
42.5°	5068.3	5142.5	5334.1	5915.1	*6378.6*	6873.1	8183.4	10111.9	11854.9	11144.1	7707.5
45°	6428.1	6502.3	6452.8	6564.1	*6873.1*	7336.7	8696.5	10569.3	11873.4	11119.3	7682.8
47.5°	7794.1	7880.6	7837.3	7775.5	*7843.5*	8066.0	9271.3	10859.8	11774.5	11107.0	7682.8
50°	9098.2	9048.8	9054.9	9036.4	*9098.2*	9215.6	9827.6	10915.4	11749.8	11224.4	7750.8
52.5°	9796.6	9821.4	9975.9	10204.6	*10340.6*	10458.0	10464.2	11001.9	11570.5	11026.6	7670.4
55°	10482.7	10532.2	10890.7	11280.0	*11582.9*	11805.4	11100.8	10946.3	10501.3	10365.3	7250.1
57.5°	11255.3	11323.3	11830.1	12633.7	*13165.2*	13282.6	11731.3	9907.9	8888.1	9419.6	6434.3
60°	12318.4	12398.8	13072.5	14277.8	*15068.9*	14827.9	11780.7	8257.6	7058.5	7818.8	5309.3
62.5°	13152.8	13313.5	14531.2	16410.2	*17281.7*	16515.2	10859.8	6329.2	4932.3	5494.8	3875.4
65°	12262.8	12571.8	14555.9	18851.6	*19859.1*	18499.3	9413.4	4320.4	2781.4	3554.0	2478.5
67.5°	9914.1	10346.7	12924.2	20038.3	*21626.8*	19543.8	7410.8	2293.1	1594.7	2064.4	1304.2
68°	*9122.9*	*9592.7*	*12324.6*	*20038.3*	*21719.5*	*19451.1*	*6879.3*	*1984.1*	*1471.0*	*1854.3*	*1131.1*
70°	6304.5	6638.2	9475.2	18913.4	*21175.6*	17732.9	4530.6	1137.3	1106.4	1273.3	747.9
72.5°	3090.4	3448.9	5068.3	14988.6	*17250.8*	13628.8	2064.4	754.1	840.6	933.3	587.2
75°	1230.0	1304.2	1996.4	7392.3	*10779.4*	8696.5	1081.6	568.6	723.2	729.3	463.6
77.5°	704.6	747.9	1106.4	2719.6	*4042.3*	3887.8	698.4	407.9	574.8	525.4	302.9
80°	395.6	401.8	624.3	1434.0	*2311.6*	2070.6	475.9	296.7	438.8	370.9	204.0
82.5°	197.8	222.5	395.6	791.1	*1285.6*	1316.5	253.4	210.1	352.3	265.8	166.9
85°	142.2	154.5	284.3	438.8	*593.4*	890.0	154.5	105.1	265.8	179.2	117.4
87.5°	74.2	92.7	179.2	216.3	*241.1*	302.9	74.2	49.4	148.3	105.1	61.8
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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Scaled Data Report

REPORT NUMBER: P1459171
CATALOG NUMBER: GLAN-SB9A-935-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0	4067.0
2.5°	4067.0	3924.8	3634.3	3294.4	3028.6	2756.7	2534.1	2324.0	2225.1	2212.7	2237.5
5°	4048.5	3739.4	3078.1	2429.1	1897.5	1526.7	1322.7	1217.6	1162.0	1137.3	1143.5
7.5°	4011.4	3541.6	2484.7	1644.1	1230.0	1069.3	1019.8	1001.3	995.1	995.1	995.1
10°	3974.3	3275.9	1903.7	1205.3	1007.5	964.2	951.9	951.9	945.7	945.7	951.9
12.5°	3955.7	3028.6	1477.2	1007.5	939.5	920.9	908.6	902.4	902.4	902.4	908.6
15°	3912.5	2756.7	1192.9	933.3	896.2	871.5	865.3	859.1	859.1	859.1	859.1
17.5°	3875.4	2490.9	1038.4	883.9	853.0	828.2	822.1	815.9	815.9	822.1	822.1
20°	3819.8	2237.5	933.3	834.4	809.7	785.0	778.8	772.6	778.8	778.8	778.8
22.5°	3751.8	2027.3	871.5	797.3	766.4	741.7	741.7	741.7	741.7	741.7	747.9
25°	3708.5	1879.0	828.2	754.1	723.2	704.6	698.4	698.4	710.8	710.8	717.0
27.5°	3776.5	1841.9	834.4	741.7	686.1	667.5	661.4	661.4	673.7	679.9	686.1
30°	3980.5	1909.9	908.6	778.8	661.4	630.4	624.3	624.3	642.8	649.0	655.2
32.5°	4215.3	2052.0	1019.8	828.2	642.8	593.4	581.0	581.0	599.5	605.7	611.9
35°	4536.7	2274.6	1168.2	871.5	655.2	556.3	531.6	531.6	543.9	556.3	562.5
37.5°	4950.9	2639.2	1341.2	902.4	655.2	513.0	482.1	475.9	488.3	488.3	494.5
40°	5383.5	3115.1	1520.5	902.4	624.3	469.7	438.8	420.3	426.5	420.3	426.5
42.5°	5624.6	3498.4	1675.0	846.8	587.2	426.5	395.6	370.9	364.7	352.3	358.5
45°	5760.6	3671.4	1631.7	785.0	550.1	395.6	358.5	327.6	315.2	296.7	296.7
47.5°	5760.6	3690.0	1396.9	735.5	513.0	370.9	321.4	290.5	272.0	253.4	259.6
50°	5692.6	3523.1	1106.4	686.1	469.7	346.1	290.5	265.8	241.1	228.7	228.7
52.5°	5408.2	2979.2	846.8	624.3	420.3	315.2	259.6	234.9	210.1	204.0	204.0
55°	4920.0	2188.0	686.1	562.5	377.0	290.5	234.9	216.3	191.6	179.2	179.2
57.5°	3999.0	1495.8	568.6	506.8	333.8	259.6	210.1	191.6	160.7	148.3	148.3
60°	2966.8	976.6	482.1	445.0	284.3	234.9	185.4	160.7	136.0	123.6	117.4
62.5°	2002.6	661.4	401.8	352.3	241.1	204.0	160.7	136.0	105.1	80.4	80.4
65°	1248.5	513.0	333.8	278.1	210.1	179.2	136.0	105.1	74.2	55.6	49.4
67.5°	717.0	414.1	272.0	216.3	179.2	142.2	105.1	86.5	61.8	43.3	37.1
68°	*661.4*	*395.6*	*253.4*	*204.0*	*166.9*	*136.0*	*98.9*	*80.4*	*55.6*	*37.1*	*37.1*
70°	537.7	352.3	216.3	166.9	142.2	111.3	86.5	68.0	43.3	24.7	24.7
72.5°	475.9	296.7	185.4	129.8	98.9	92.7	68.0	49.4	30.9	18.5	12.4
75°	389.4	234.9	148.3	98.9	68.0	68.0	49.4	30.9	12.4	0.0	0.0
77.5°	253.4	173.1	117.4	61.8	37.1	43.3	30.9	12.4	0.0	0.0	0.0
80°	166.9	129.8	80.4	30.9	18.5	18.5	6.2	0.0	0.0	0.0	0.0
82.5°	117.4	86.5	49.4	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0
85°	74.2	37.1	18.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.9	12.4	6.2	0.0	0.0	0.0	0.0	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

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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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

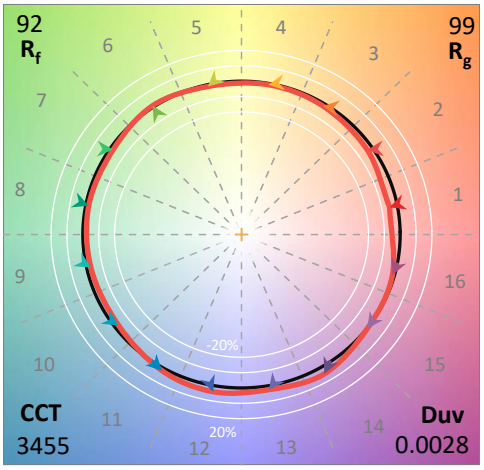
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2		
R1:	92.0	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



Test Conditions

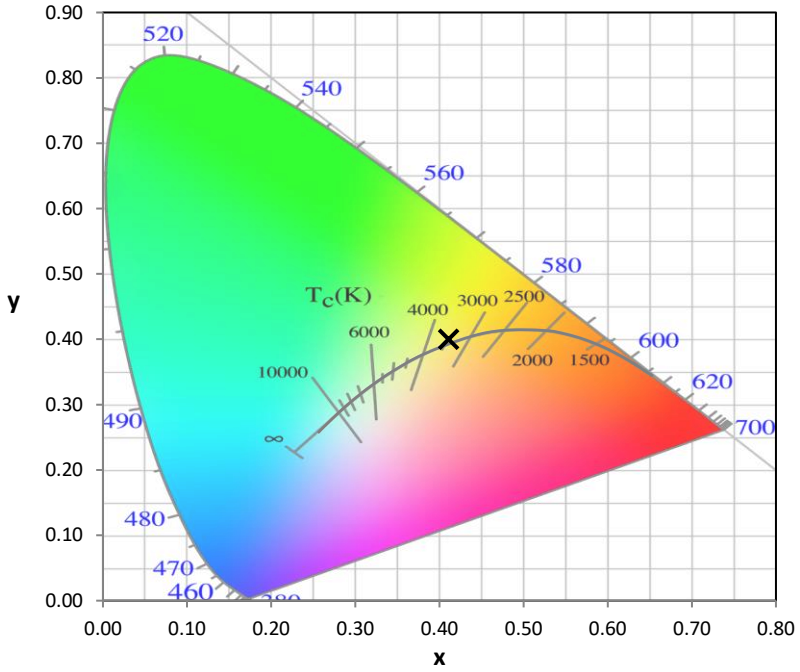
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

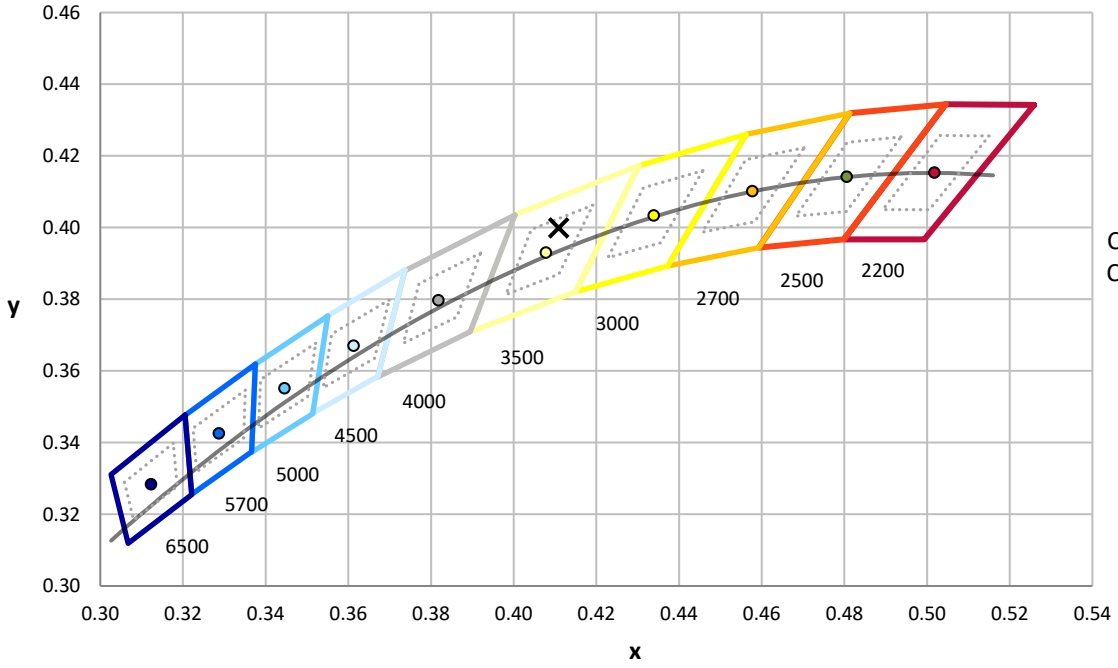
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

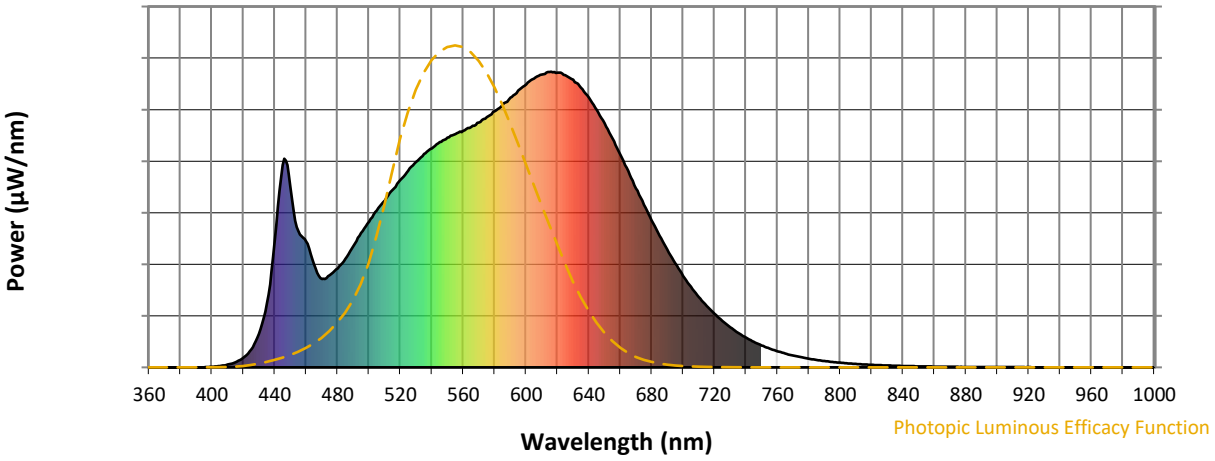


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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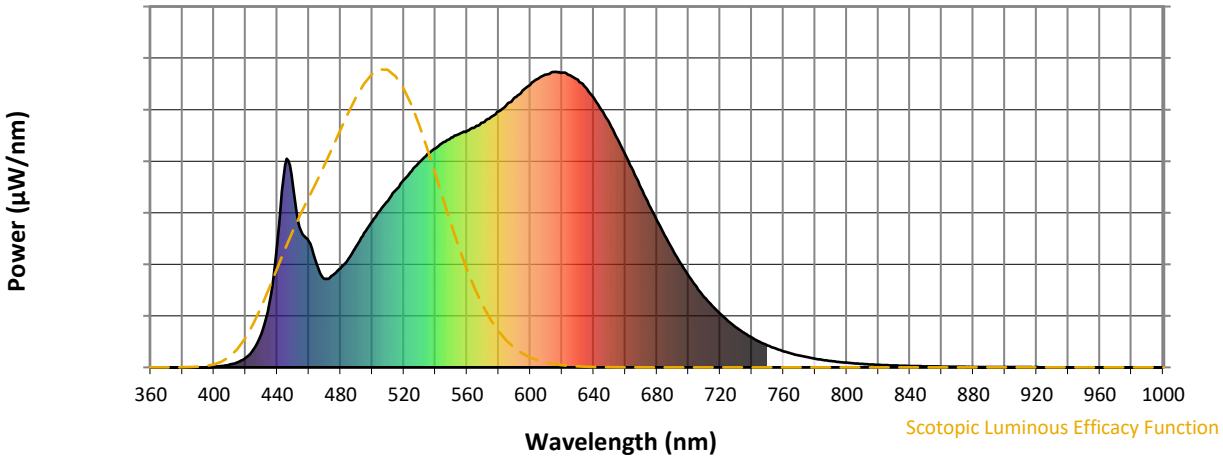
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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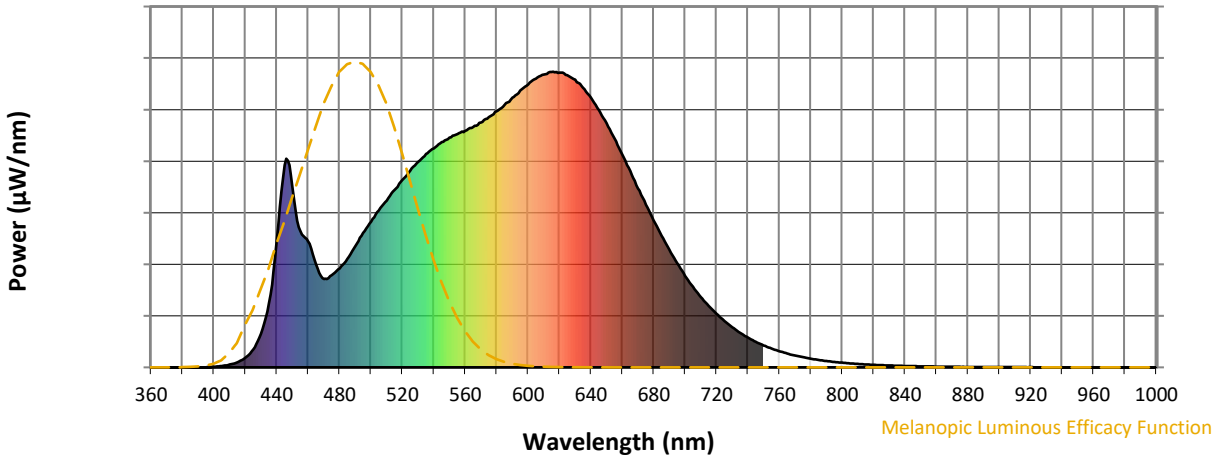
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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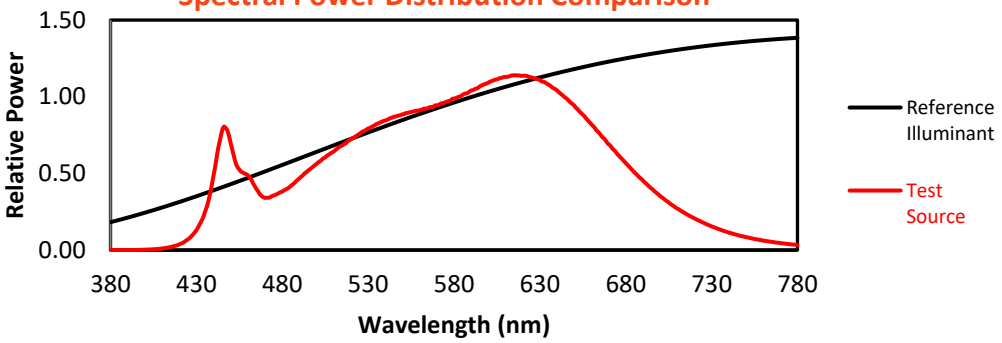
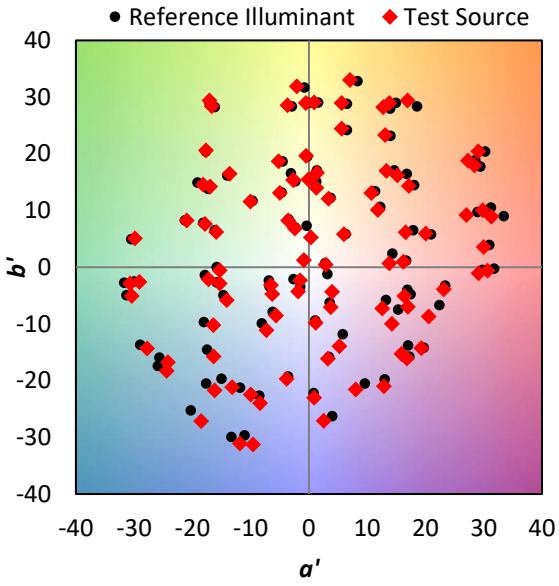
Summary

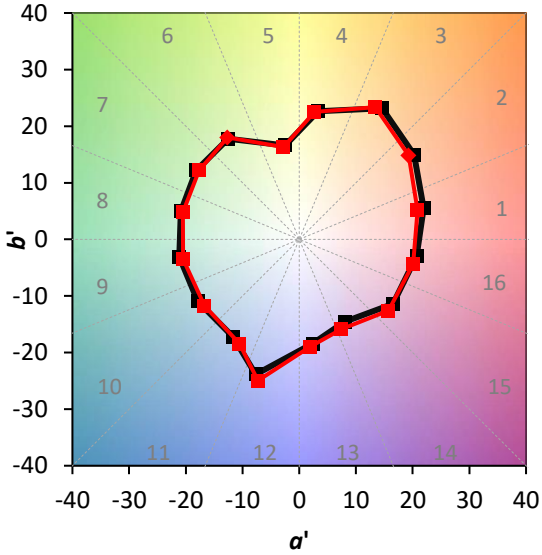
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

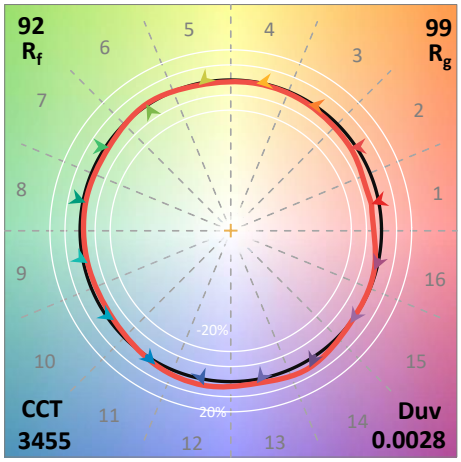
Spectral Power Distribution Comparison

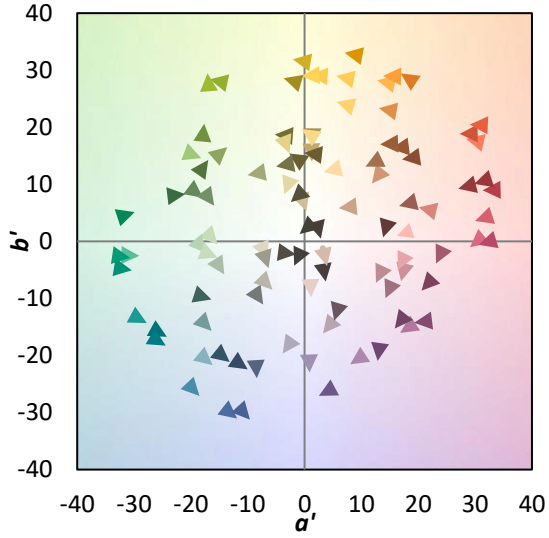


Color Vector Graphics









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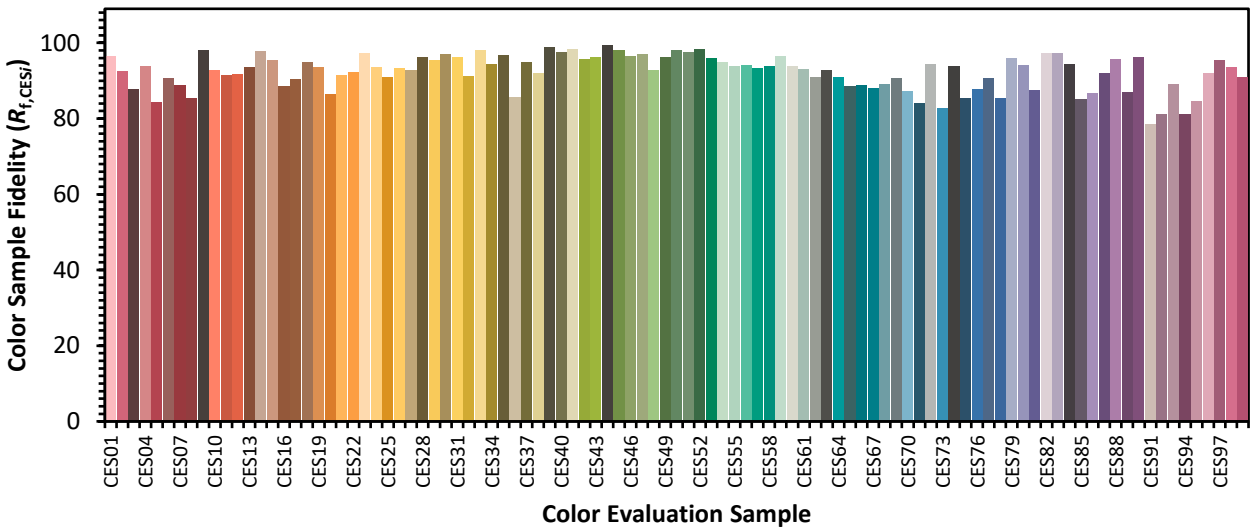
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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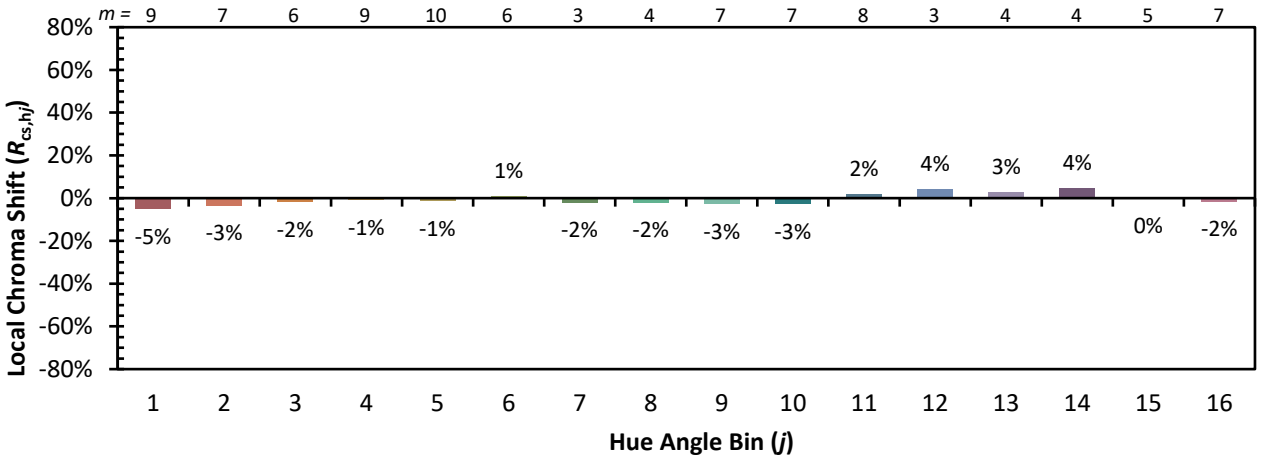
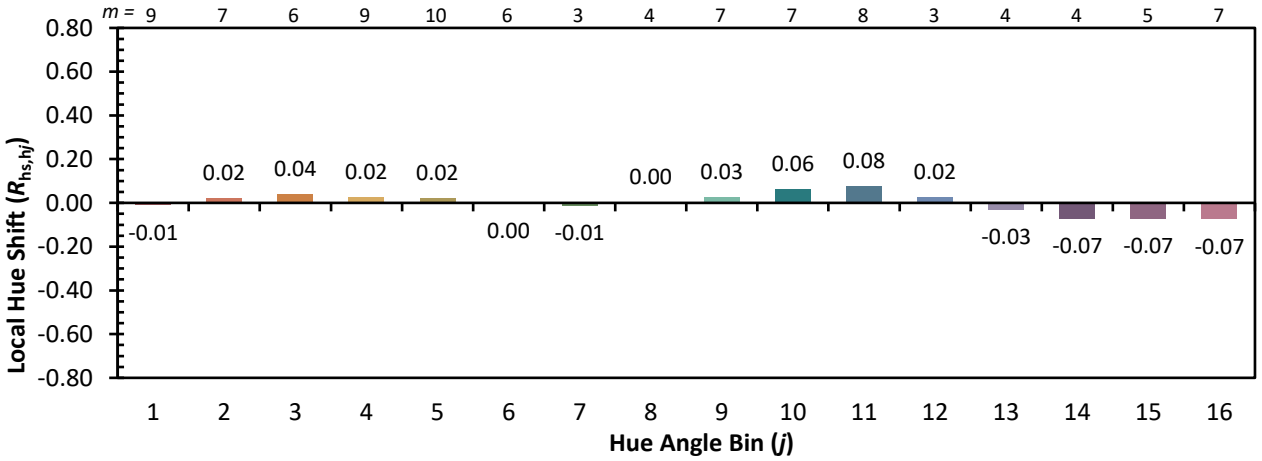
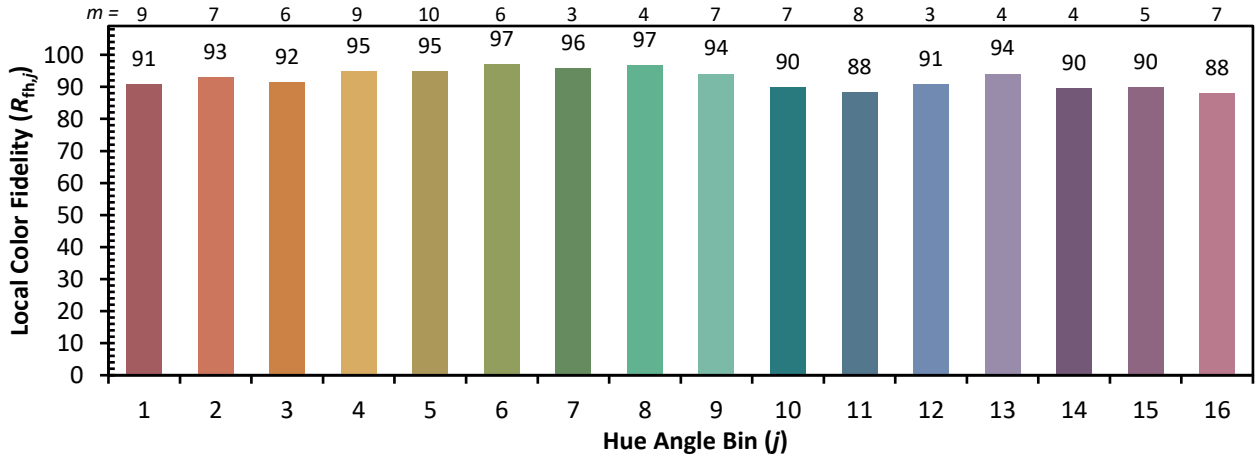
Color Rendition by Hue-Angle Bin







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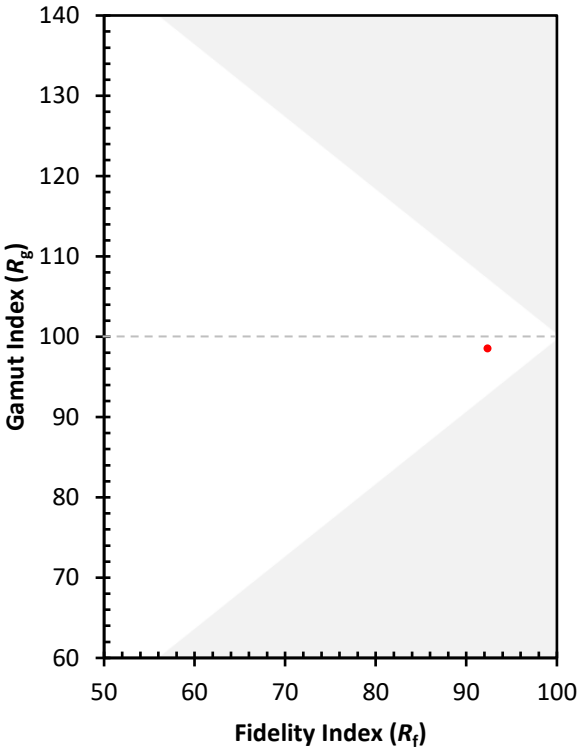
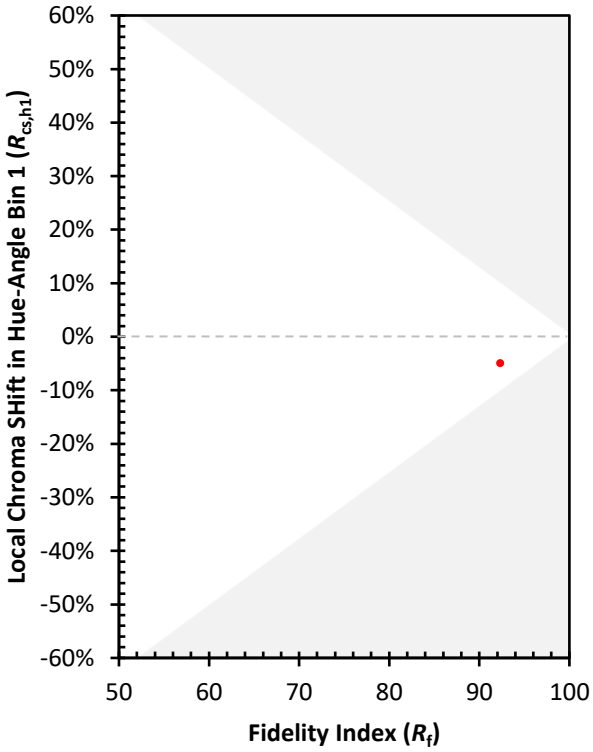
Measure Comparisons





(END OF REPORT)