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: P1459111

Luminaire Tested: GLAN-SB3A-930-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:	P1459111
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-930-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6794 lumens
Efficiency:	N/A
Efficacy:	80.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
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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REPORT NUMBER: P1459111
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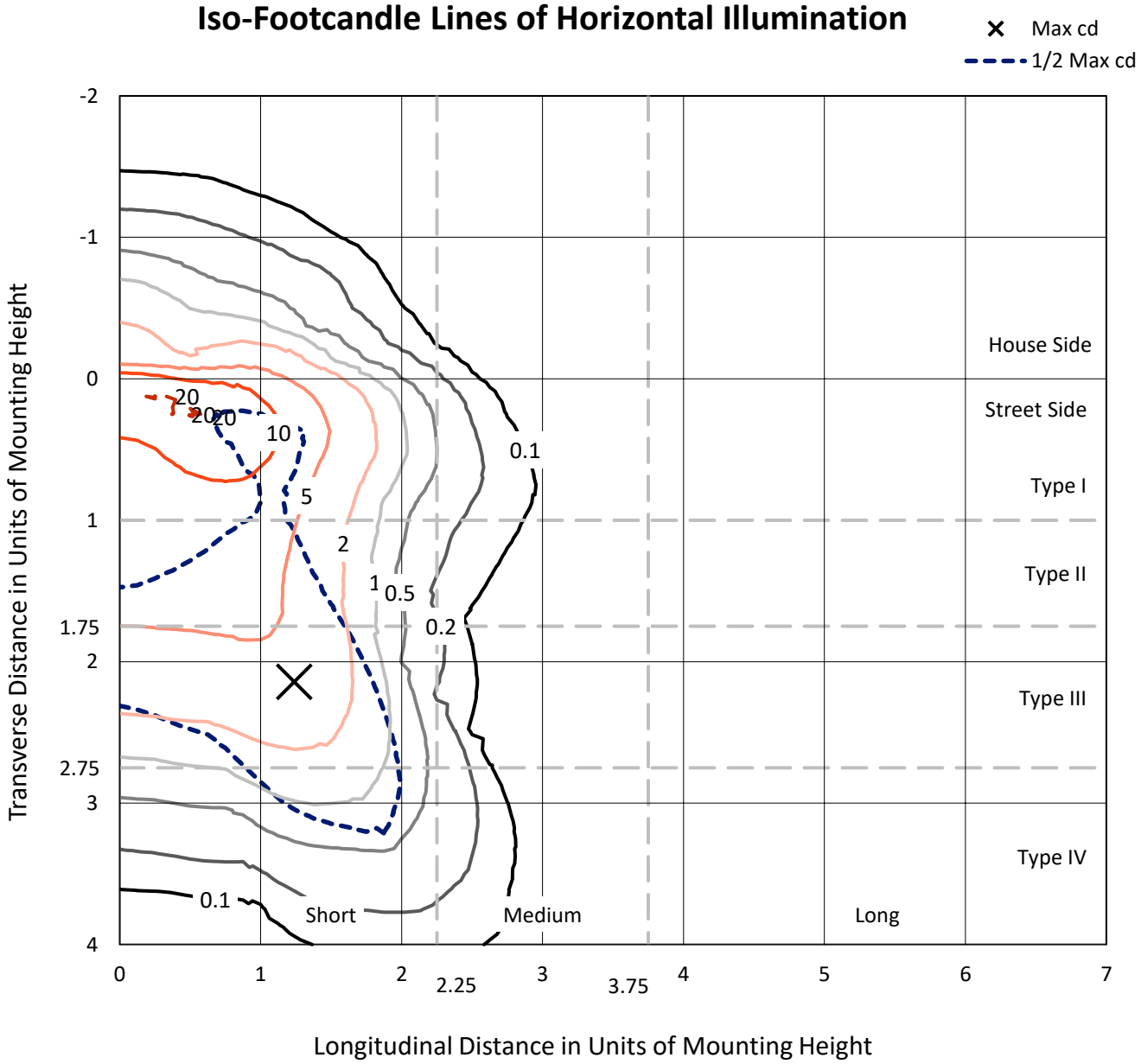
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20.5 fc
Type IV - Short - N/A

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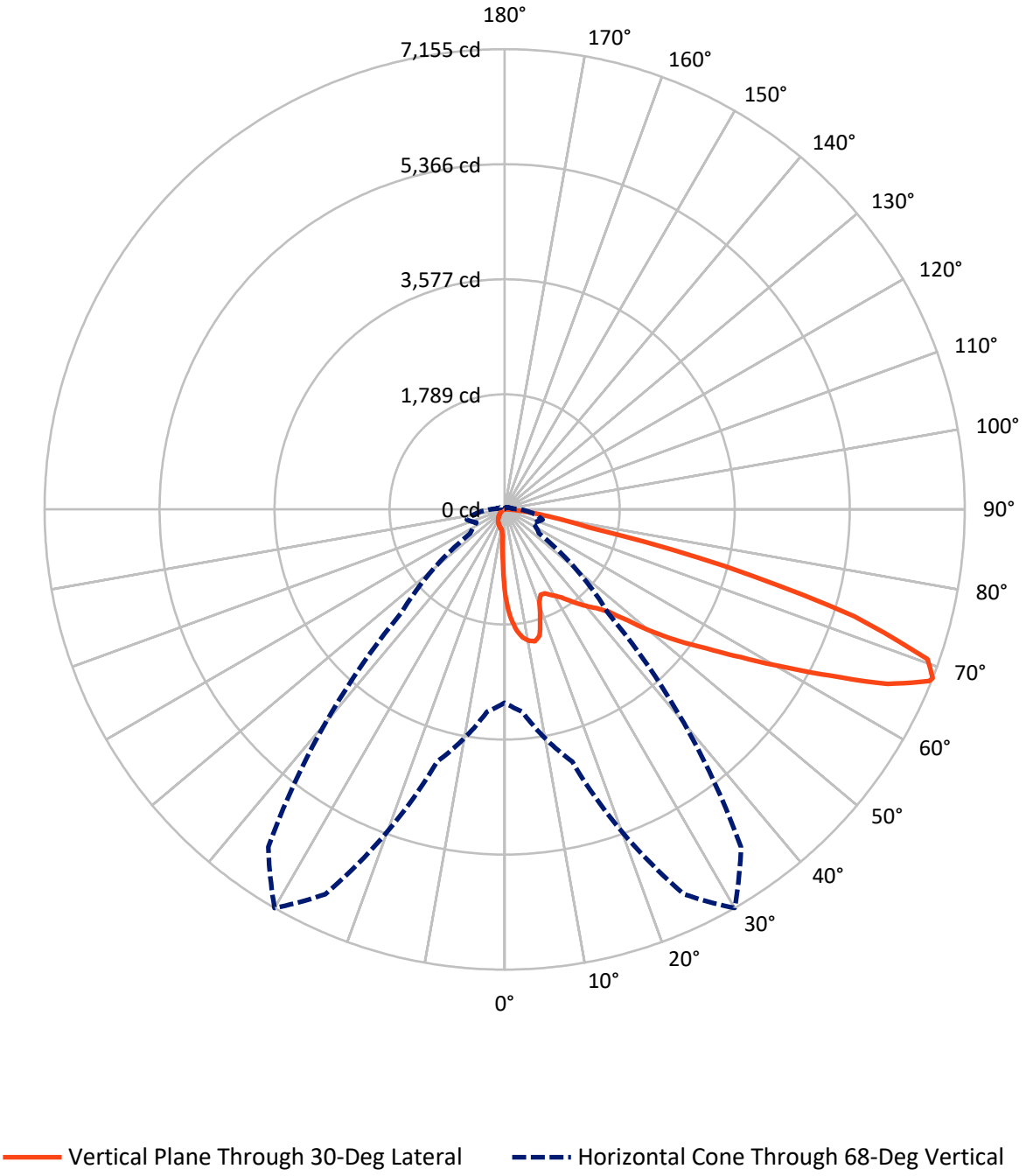
Luminous Intensity Polar Plot



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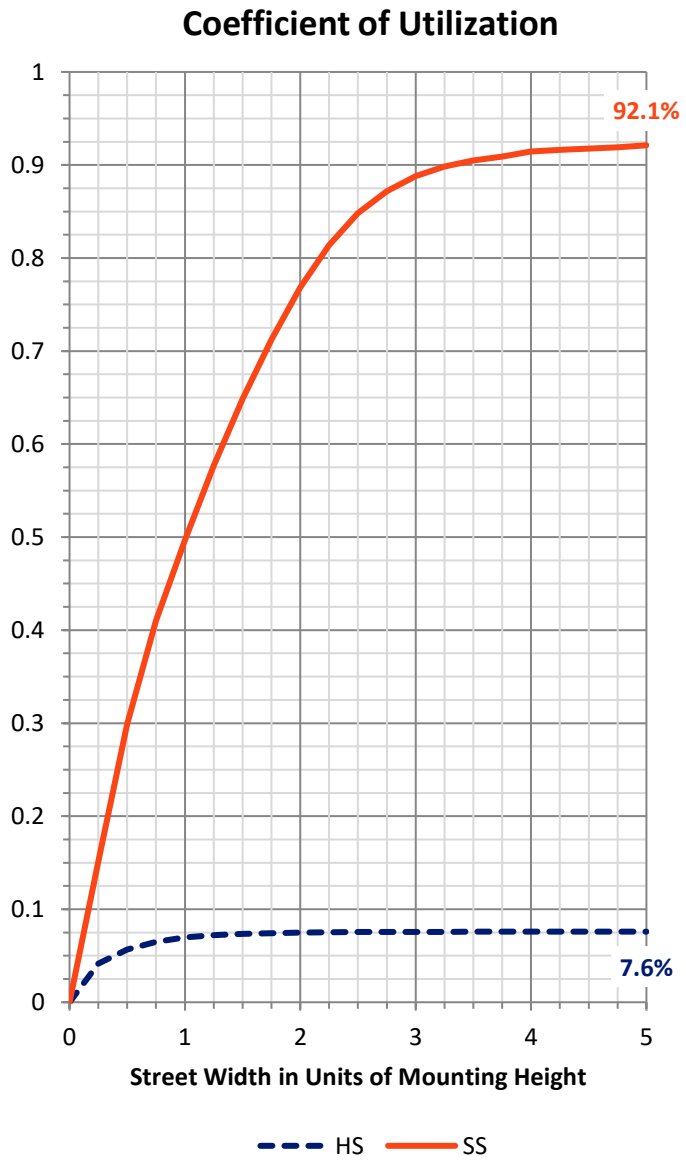
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	518.6	0.0	518.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	6275.5	0.0	6275.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	6794.0	0.0	6794.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.6	1.7
10°-20°	330.0	4.9
20°-30°	518.6	7.6
30°-40°	813.4	12.0
40°-50°	1215.8	17.9
50°-60°	1617.5	23.8
60°-70°	1563.6	23.0
70°-80°	562.1	8.3
80°-90°	57.4	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°	6794.0	100.0
0°-180°	6794.0	100.0



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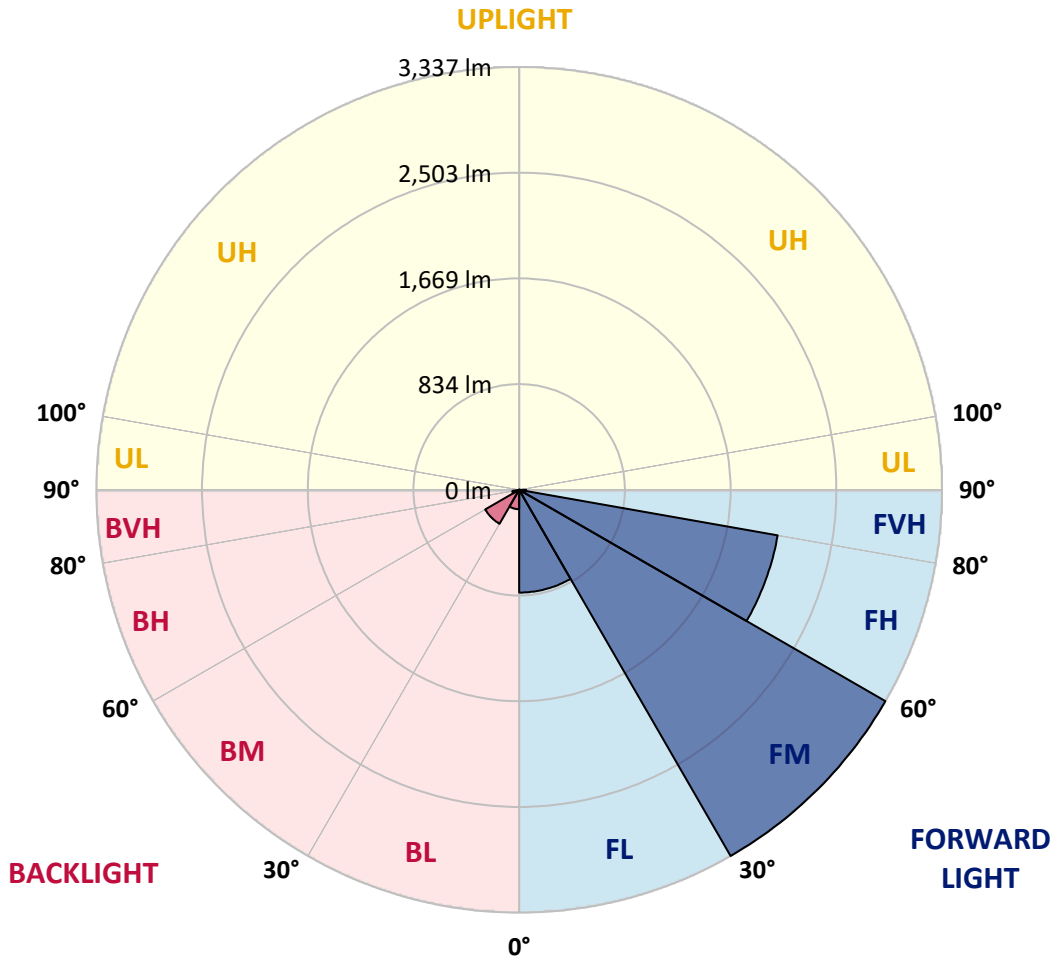
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	811.2	11.9			
FM	(30°-60°)	3337.2	49.1			
FH	(60°-80°)	2071.7	30.5			G2/5000
FVH	(80°-90°)	55.3	0.8			G1/100
BL	(0°-30°)	153.1	2.3	B1/500		
BM	(30°-60°)	309.5	4.6	B1/1000		
BH	(60°-80°)	53.9	0.8	B0/110		G0/110
BVH	(80°-90°)	2.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1339.7	1339.7	1339.7	1339.7	*1339.7*	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7
2.5°	1712.3	1712.3	1700.1	1683.8	*1665.5*	1659.4	1624.7	1575.9	1525.0	1465.9	1380.4
5°	1932.2	1930.1	1905.7	1905.7	*1881.3*	1858.9	1824.3	1753.0	1671.6	1565.7	1417.1
7.5°	2029.9	2034.0	2023.8	2023.8	*2009.5*	1993.3	1972.9	1903.7	1808.0	1665.5	1453.7
10°	2064.5	2066.6	2066.6	2080.8	*2076.7*	2074.7	2072.7	2034.0	1934.2	1767.3	1492.4
12.5°	1981.0	1991.2	2019.7	2082.8	*2103.2*	2125.6	2156.1	2143.9	2074.7	1895.5	1551.4
15°	1712.3	1714.3	1793.7	1950.5	*2034.0*	2119.5	2237.6	2262.0	2217.2	2034.0	1612.5
17.5°	1413.0	1419.1	1482.2	1657.3	*1791.7*	1989.2	2284.4	2384.2	2367.9	2170.4	1669.5
20°	1288.8	1296.9	1327.5	1437.4	*1539.2*	1722.5	2237.6	2500.2	2506.3	2306.8	1722.5
22.5°	1260.3	1266.4	1290.8	1376.3	*1439.5*	1561.6	2078.8	2591.8	2663.1	2463.6	1785.6
25°	1252.1	1258.3	1294.9	1388.6	*1447.6*	1549.4	1934.2	2640.7	2848.4	2626.5	1846.7
27.5°	1246.0	1254.2	1313.2	1433.4	*1502.6*	1600.3	1907.7	2650.9	3025.5	2799.5	1946.4
30°	1254.2	1266.4	1343.8	1480.2	*1559.6*	1669.5	1970.9	2661.1	3221.0	2997.0	2072.7
32.5°	1286.8	1296.9	1390.6	1543.3	*1634.9*	1759.1	2078.8	2722.2	3406.3	3198.6	2192.8
35°	1323.4	1337.7	1449.6	1632.9	*1742.8*	1883.3	2225.4	2842.3	3583.4	3390.0	2317.0
37.5°	1368.2	1384.5	1518.9	1734.7	*1860.9*	2019.7	2384.2	3009.2	3740.2	3546.7	2441.2
40°	1429.3	1447.6	1598.3	1842.6	*1979.0*	2137.8	2540.9	3174.1	3860.3	3640.4	2522.6
42.5°	1669.5	1694.0	1757.1	1948.5	*2101.2*	2264.1	2695.7	3330.9	3905.1	3670.9	2538.9
45°	2117.5	2141.9	2125.6	2162.2	*2264.1*	2416.8	2864.7	3481.6	3911.2	3662.8	2530.8
47.5°	2567.4	2595.9	2581.7	2561.3	*2583.7*	2657.0	3054.0	3577.3	3878.6	3658.7	2530.8
50°	2997.0	2980.7	2982.8	2976.7	*2997.0*	3035.7	3237.3	3595.6	3870.5	3697.4	2553.2
52.5°	3227.1	3235.2	3286.1	3361.5	*3406.3*	3444.9	3447.0	3624.1	3811.4	3632.3	2526.7
55°	3453.1	3469.4	3587.5	3715.7	*3815.5*	3888.8	3656.7	3605.8	3459.2	3414.4	2388.2
57.5°	3707.6	3730.0	3896.9	4161.6	*4336.7*	4375.4	3864.4	3263.7	2927.8	3102.9	2119.5
60°	4057.8	4084.2	4306.2	4703.2	*4963.8*	4884.4	3880.6	2720.1	2325.1	2575.6	1748.9
62.5°	4332.6	4385.6	4786.7	5405.6	*5692.7*	5440.2	3577.3	2084.9	1624.7	1810.0	1276.6
65°	4039.5	4141.3	4794.8	6209.8	*6541.7*	6093.8	3100.9	1423.2	916.2	1170.7	816.4
67.5°	3265.8	3408.3	4257.3	6600.8	*7124.0*	6437.9	2441.2	755.4	525.3	680.0	429.6
68°	*3005.2*	*3159.9*	*4059.8*	*6600.8*	*7154.6*	*6407.3*	*2266.1*	*653.6*	*484.6*	*610.8*	*372.6*
70°	2076.7	2186.7	3121.2	6230.2	*6975.4*	5841.3	1492.4	374.6	364.4	419.4	246.4
72.5°	1018.0	1136.1	1669.5	4937.3	*5682.5*	4489.4	680.0	248.4	276.9	307.4	193.4
75°	405.2	429.6	657.6	2435.1	*3550.8*	2864.7	356.3	187.3	238.2	240.2	152.7
77.5°	232.1	246.4	364.4	895.8	*1331.6*	1280.7	230.1	134.4	189.3	173.1	99.8
80°	130.3	132.3	205.6	472.4	*761.5*	682.1	156.8	97.7	144.6	122.2	67.2
82.5°	65.2	73.3	130.3	260.6	*423.5*	433.7	83.5	69.2	116.1	87.5	55.0
85°	46.8	50.9	93.7	144.6	*195.5*	293.2	50.9	34.6	87.5	59.0	38.7
87.5°	24.4	30.5	59.0	71.3	*79.4*	99.8	24.4	16.3	48.9	34.6	20.4
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: P1459111
CATALOG NUMBER: GLAN-SB3A-930-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7	1339.7
2.5°	1339.7	1292.9	1197.2	1085.2	997.6	908.1	834.8	765.5	733.0	728.9	737.0
5°	1333.6	1231.8	1013.9	800.2	625.1	502.9	435.7	401.1	382.8	374.6	376.7
7.5°	1321.4	1166.6	818.5	541.6	405.2	352.2	335.9	329.8	327.8	327.8	327.8
10°	1309.2	1079.1	627.1	397.0	331.9	317.6	313.5	313.5	311.5	311.5	313.5
12.5°	1303.1	997.6	486.6	331.9	309.5	303.4	299.3	297.3	297.3	297.3	299.3
15°	1288.8	908.1	393.0	307.4	295.2	287.1	285.0	283.0	283.0	283.0	283.0
17.5°	1276.6	820.5	342.1	291.2	281.0	272.8	270.8	268.8	268.8	270.8	270.8
20°	1258.3	737.0	307.4	274.9	266.7	258.6	256.5	254.5	256.5	256.5	256.5
22.5°	1235.9	667.8	287.1	262.6	252.5	244.3	244.3	244.3	244.3	244.3	246.4
25°	1221.6	618.9	272.8	248.4	238.2	232.1	230.1	230.1	234.1	234.1	236.2
27.5°	1244.0	606.7	274.9	244.3	226.0	219.9	217.9	217.9	221.9	224.0	226.0
30°	1311.2	629.1	299.3	256.5	217.9	207.7	205.6	205.6	211.7	213.8	215.8
32.5°	1388.6	676.0	335.9	272.8	211.7	195.5	191.4	191.4	197.5	199.5	201.6
35°	1494.4	749.3	384.8	287.1	215.8	183.2	175.1	175.1	179.2	183.2	185.3
37.5°	1630.8	869.4	441.8	297.3	215.8	169.0	158.8	156.8	160.8	160.8	162.9
40°	1773.4	1026.2	500.9	297.3	205.6	154.7	144.6	138.4	140.5	138.4	140.5
42.5°	1852.8	1152.4	551.8	278.9	193.4	140.5	130.3	122.2	120.1	116.1	118.1
45°	1897.6	1209.4	537.5	258.6	181.2	130.3	118.1	107.9	103.8	97.7	97.7
47.5°	1897.6	1215.5	460.1	242.3	169.0	122.2	105.9	95.7	89.6	83.5	85.5
50°	1875.2	1160.5	364.4	226.0	154.7	114.0	95.7	87.5	79.4	75.3	75.3
52.5°	1781.5	981.4	278.9	205.6	138.4	103.8	85.5	77.4	69.2	67.2	67.2
55°	1620.7	720.7	226.0	185.3	124.2	95.7	77.4	71.3	63.1	59.0	59.0
57.5°	1317.3	492.7	187.3	167.0	109.9	85.5	69.2	63.1	52.9	48.9	48.9
60°	977.3	321.7	158.8	146.6	93.7	77.4	61.1	52.9	44.8	40.7	38.7
62.5°	659.7	217.9	132.3	116.1	79.4	67.2	52.9	44.8	34.6	26.5	26.5
65°	411.3	169.0	109.9	91.6	69.2	59.0	44.8	34.6	24.4	18.3	16.3
67.5°	236.2	136.4	89.6	71.3	59.0	46.8	34.6	28.5	20.4	14.3	12.2
68°	*217.9*	*130.3*	*83.5*	*67.2*	*55.0*	*44.8*	*32.6*	*26.5*	*18.3*	*12.2*	*12.2*
70°	177.1	116.1	71.3	55.0	46.8	36.6	28.5	22.4	14.3	8.1	8.1
72.5°	156.8	97.7	61.1	42.8	32.6	30.5	22.4	16.3	10.2	6.1	4.1
75°	128.3	77.4	48.9	32.6	22.4	22.4	16.3	10.2	4.1	0.0	0.0
77.5°	83.5	57.0	38.7	20.4	12.2	14.3	10.2	4.1	0.0	0.0	0.0
80°	55.0	42.8	26.5	10.2	6.1	6.1	2.0	0.0	0.0	0.0	0.0
82.5°	38.7	28.5	16.3	4.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0
85°	24.4	12.2	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	4.1	2.0	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

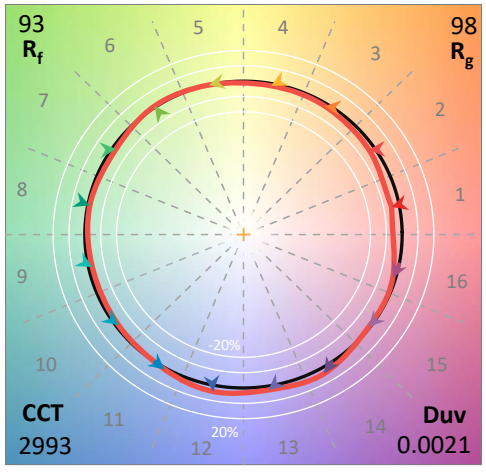
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

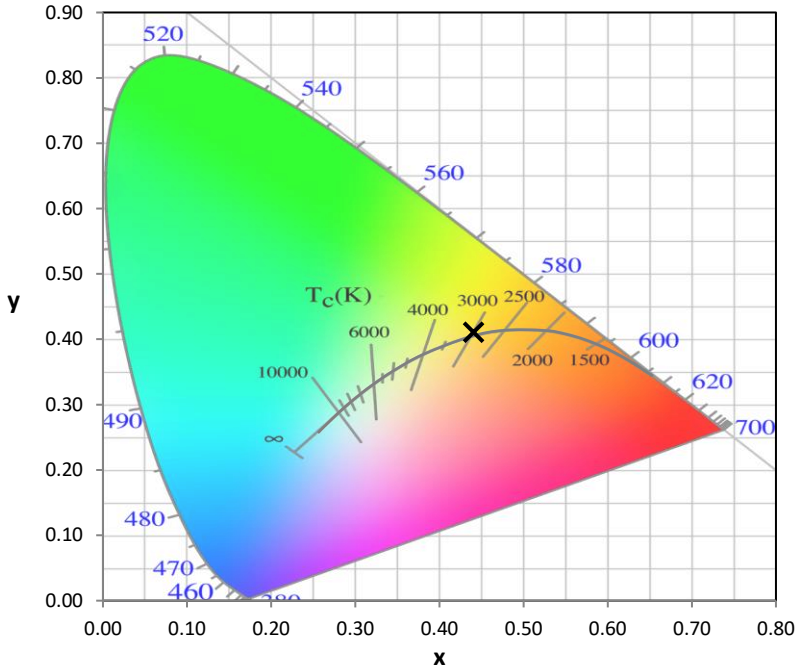
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

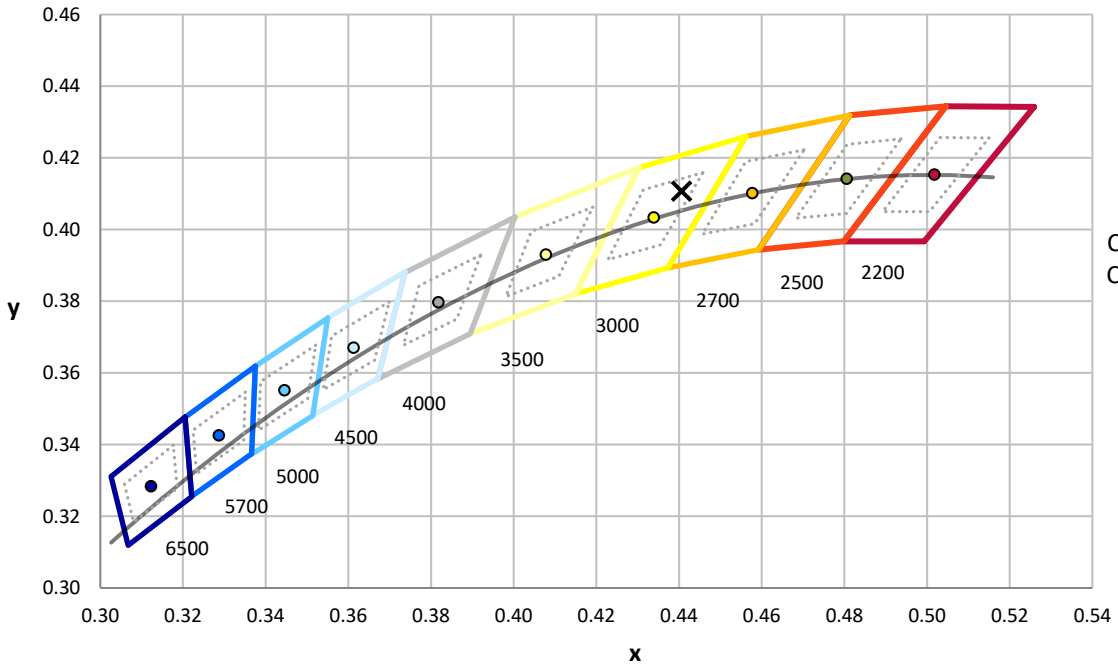
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

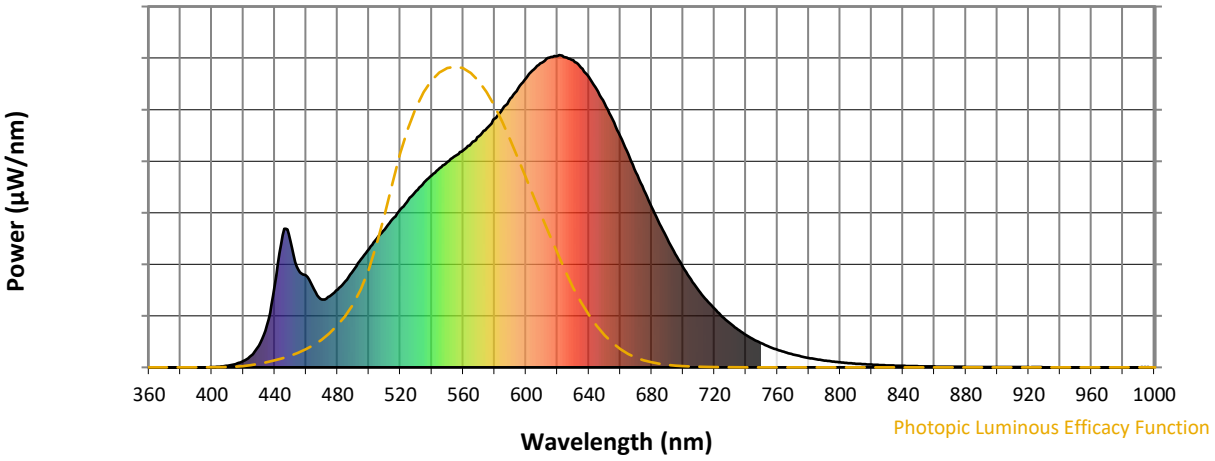


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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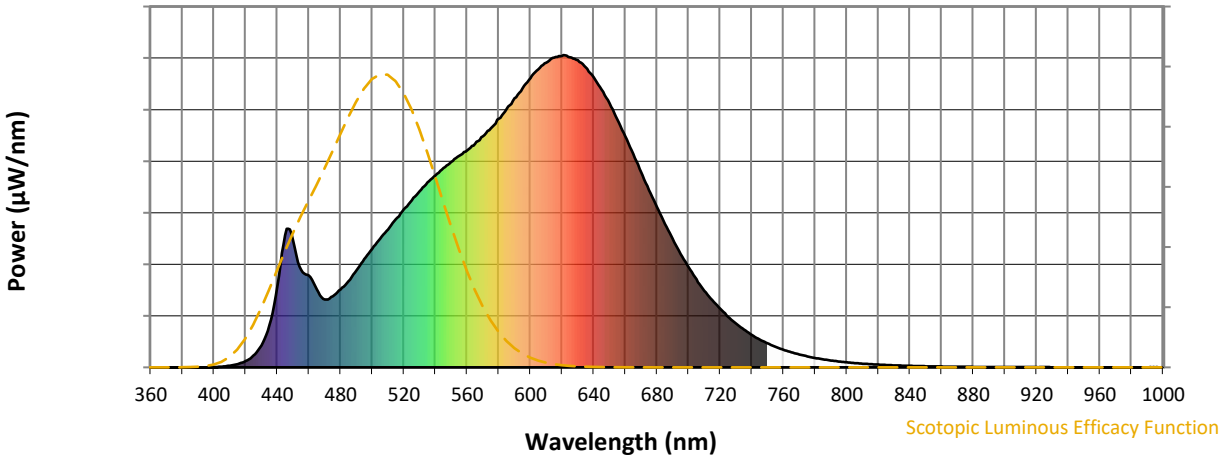
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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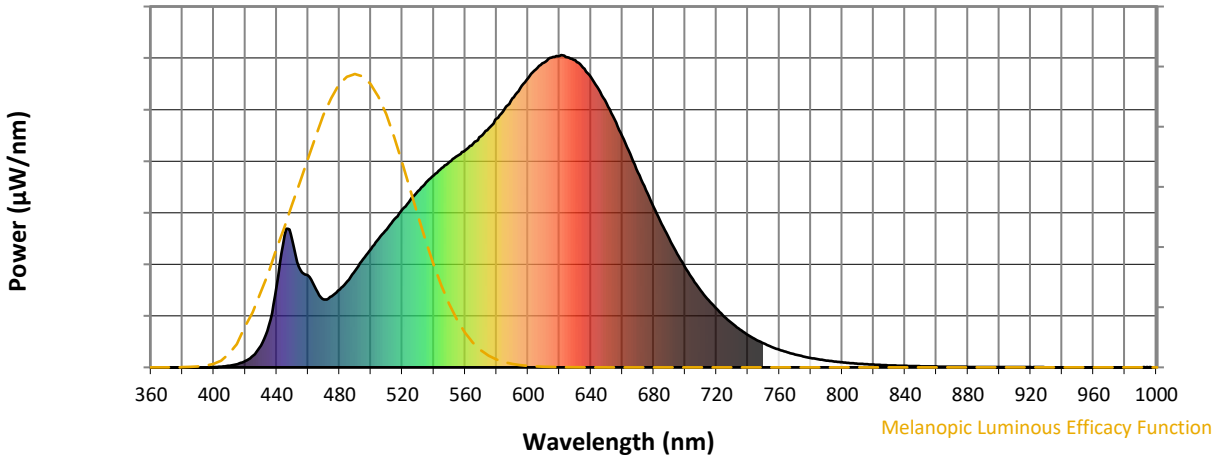
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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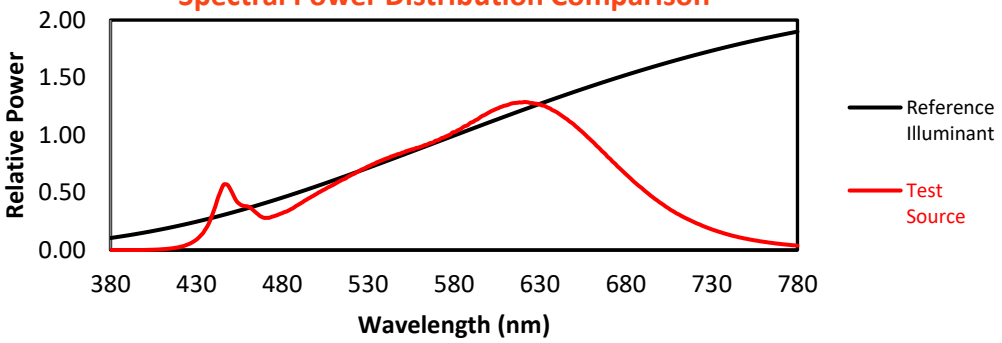
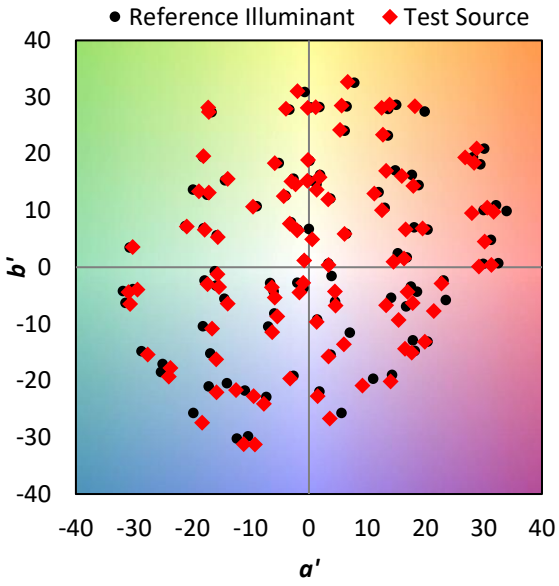
Summary

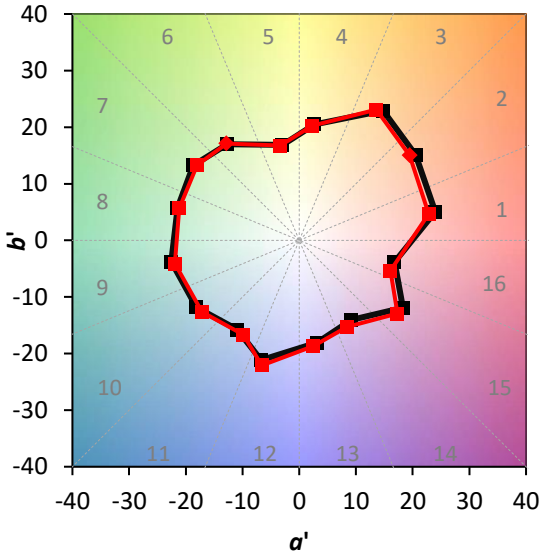
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

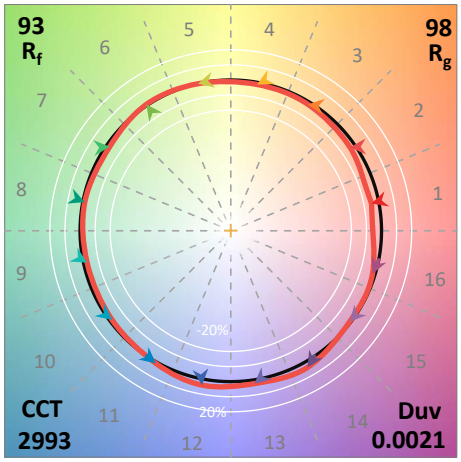
Spectral Power Distribution Comparison

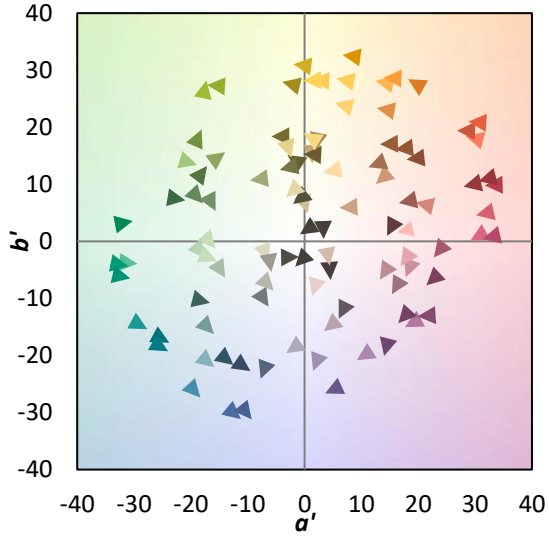


Color Vector Graphics









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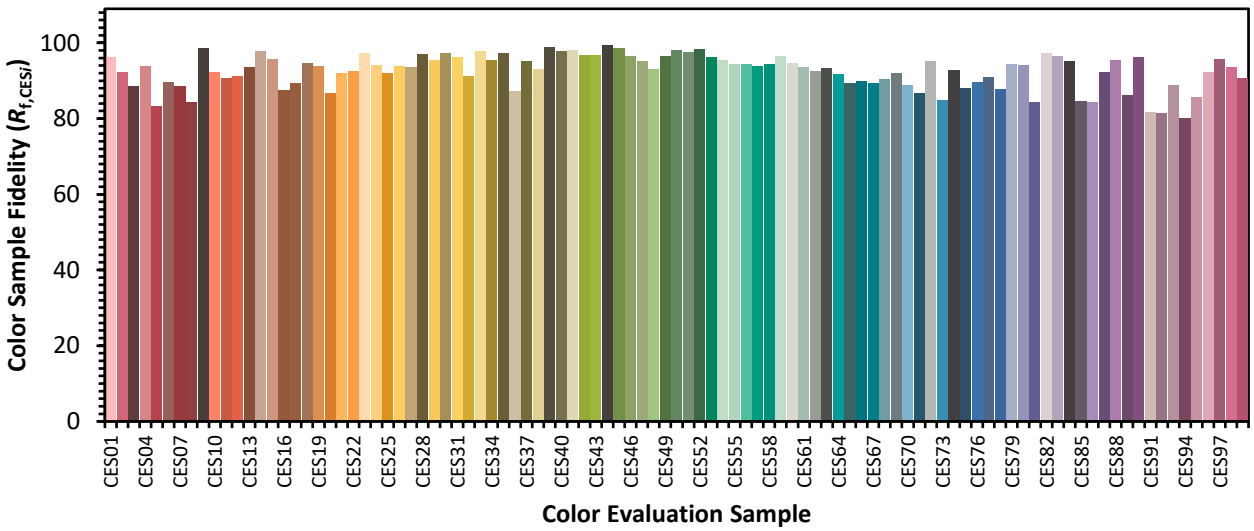
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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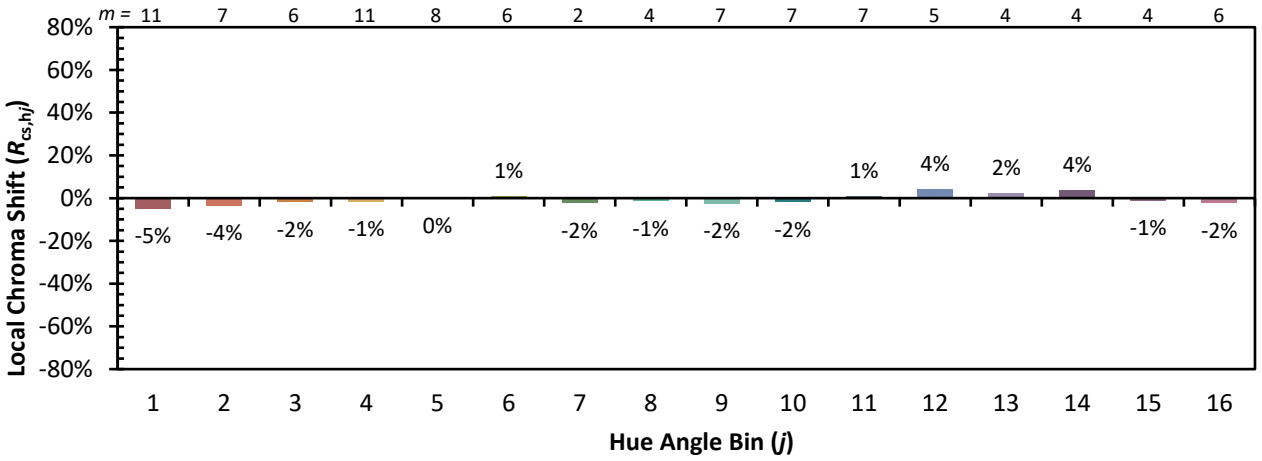
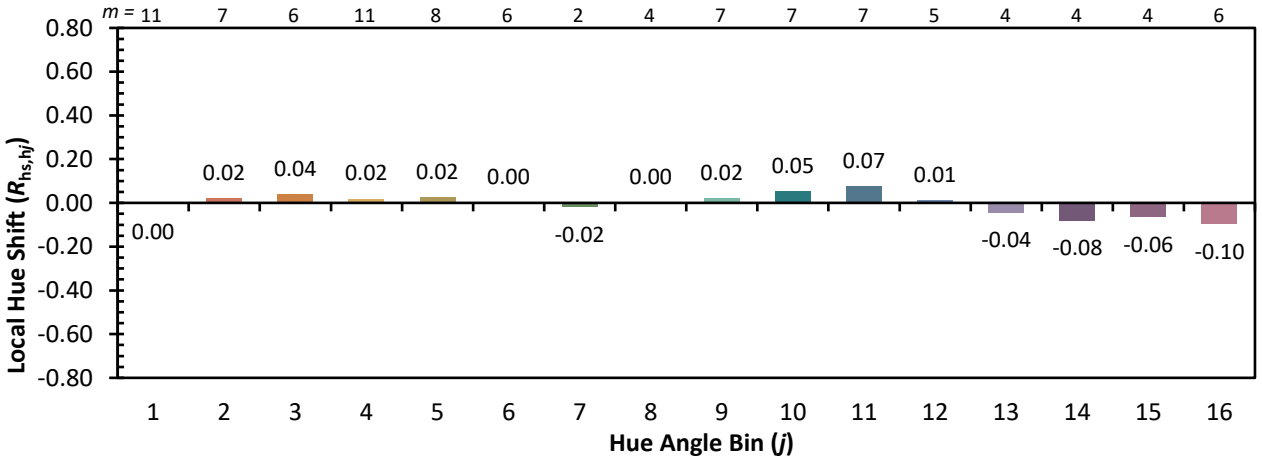
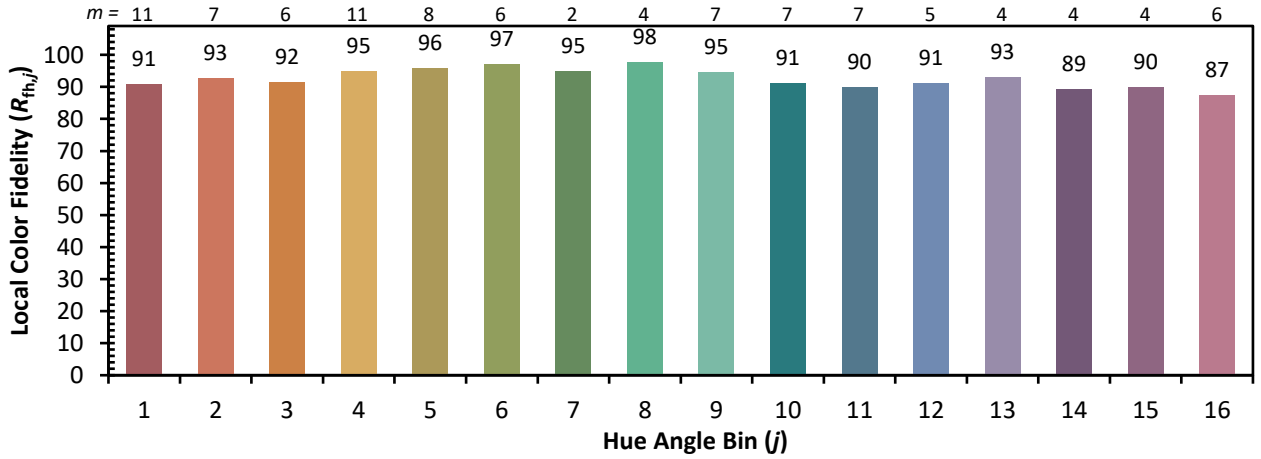
Color Rendition by Hue-Angle Bin







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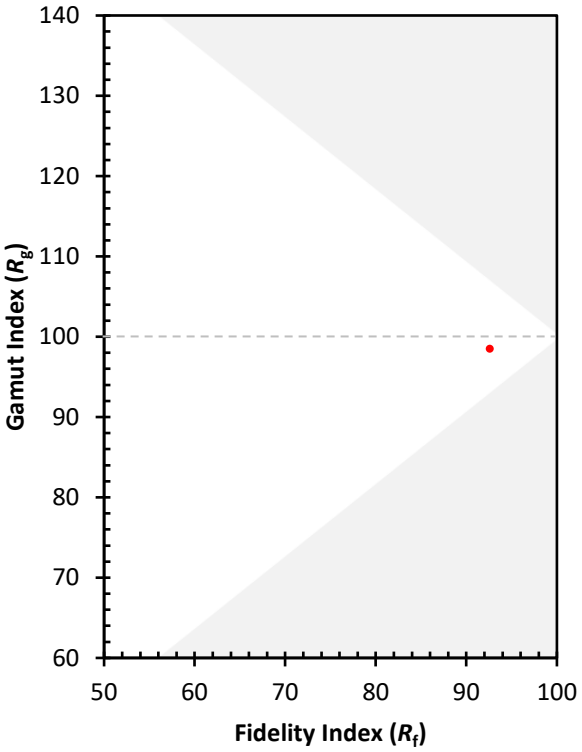
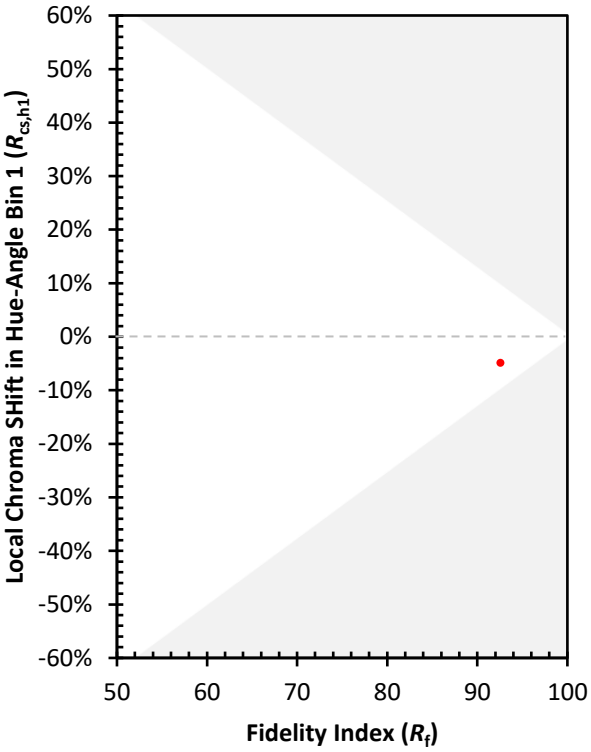
Measure Comparisons





(END OF REPORT)