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: P1458710

Luminaire Tested: GLAN-SB1D-727-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:	P1458710
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-727-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6848.5 lumens
Efficiency:	N/A
Efficacy:	86.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
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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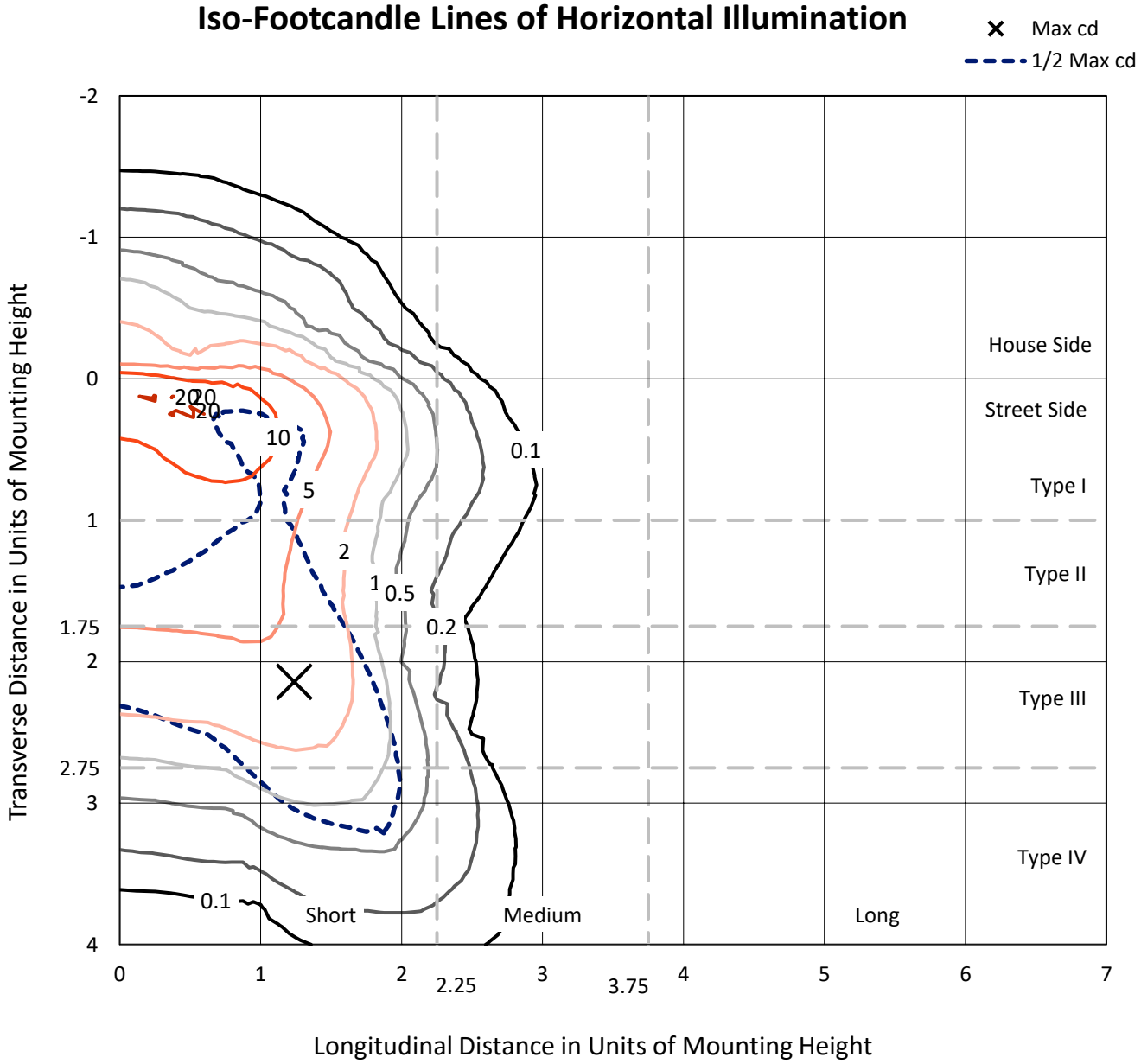
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20.7 fc
Type IV - Short - N/A

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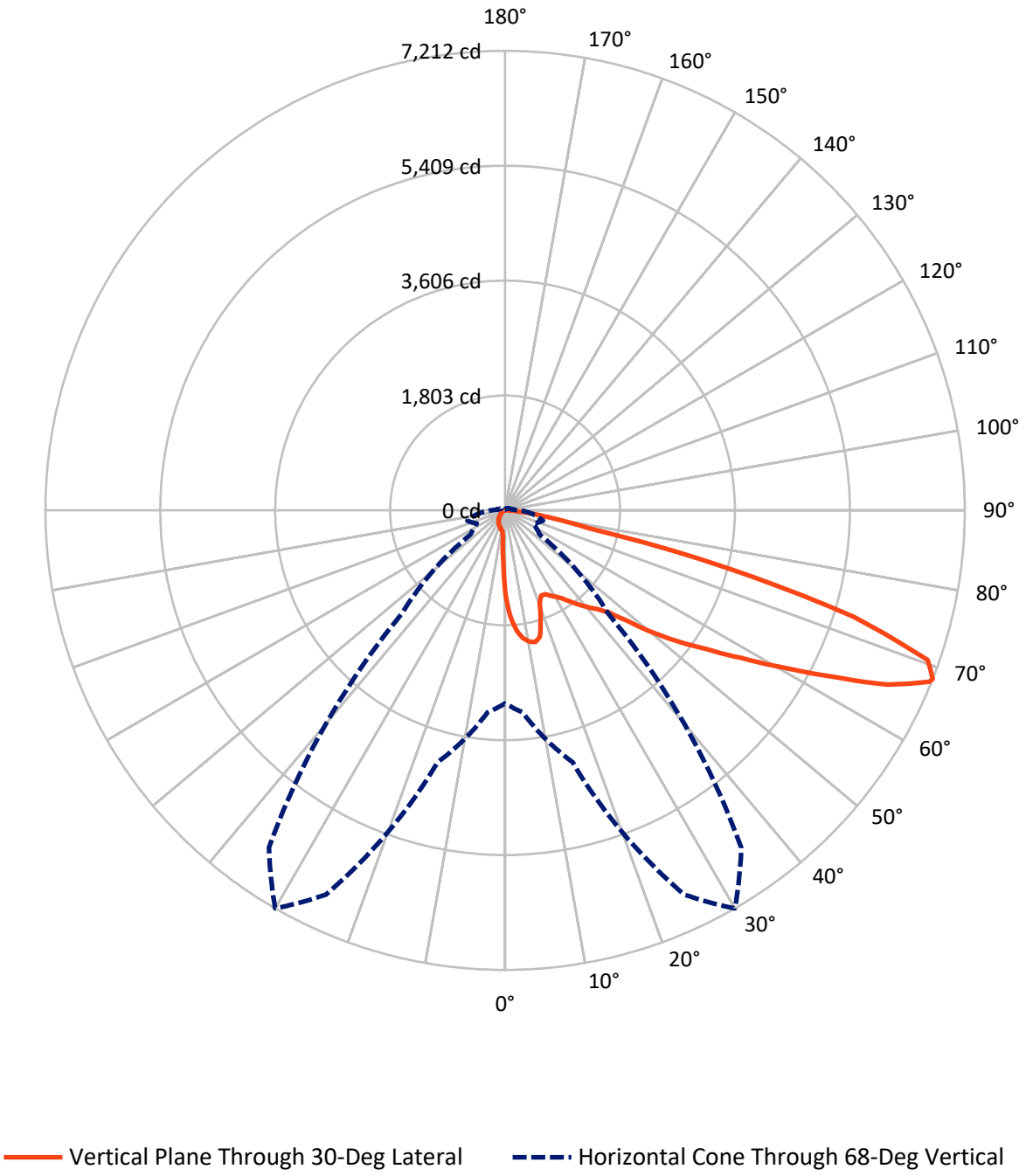
Luminous Intensity Polar Plot



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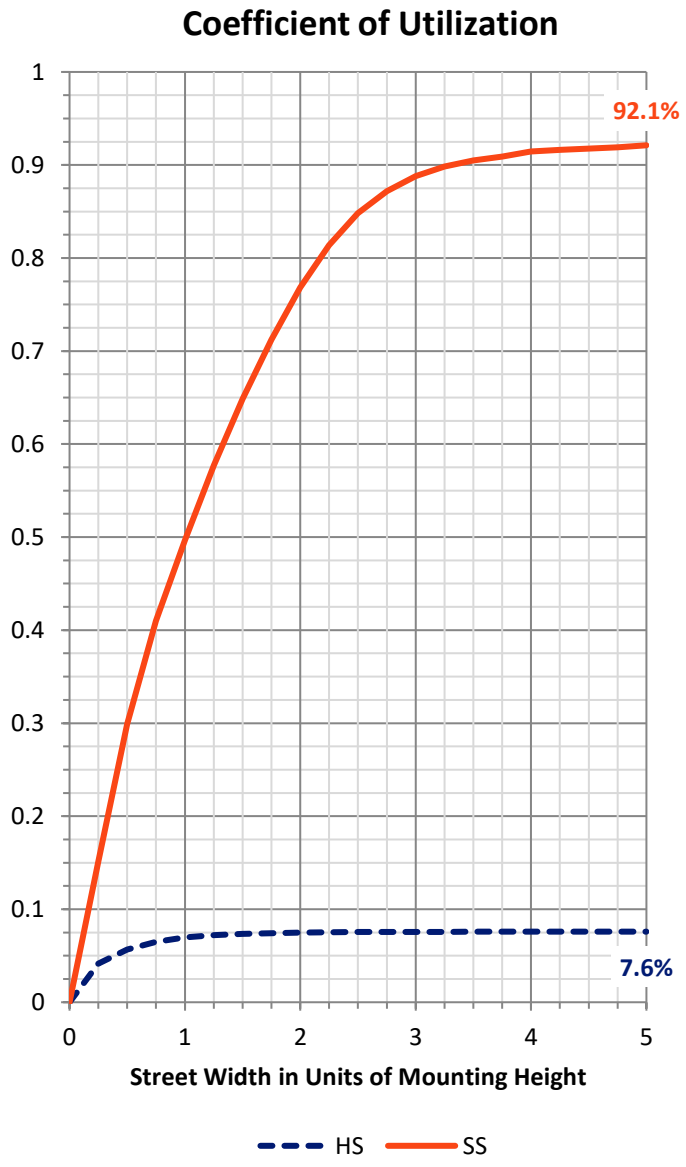
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	522.7	0.0	522.7
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	6325.8	0.0	6325.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	6848.5	0.0	6848.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.5	1.7
10°-20°	332.7	4.9
20°-30°	522.8	7.6
30°-40°	820.0	12.0
40°-50°	1225.6	17.9
50°-60°	1630.4	23.8
60°-70°	1576.1	23.0
70°-80°	566.6	8.3
80°-90°	57.8	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°	6848.5	100.0
0°-180°	6848.5	100.0



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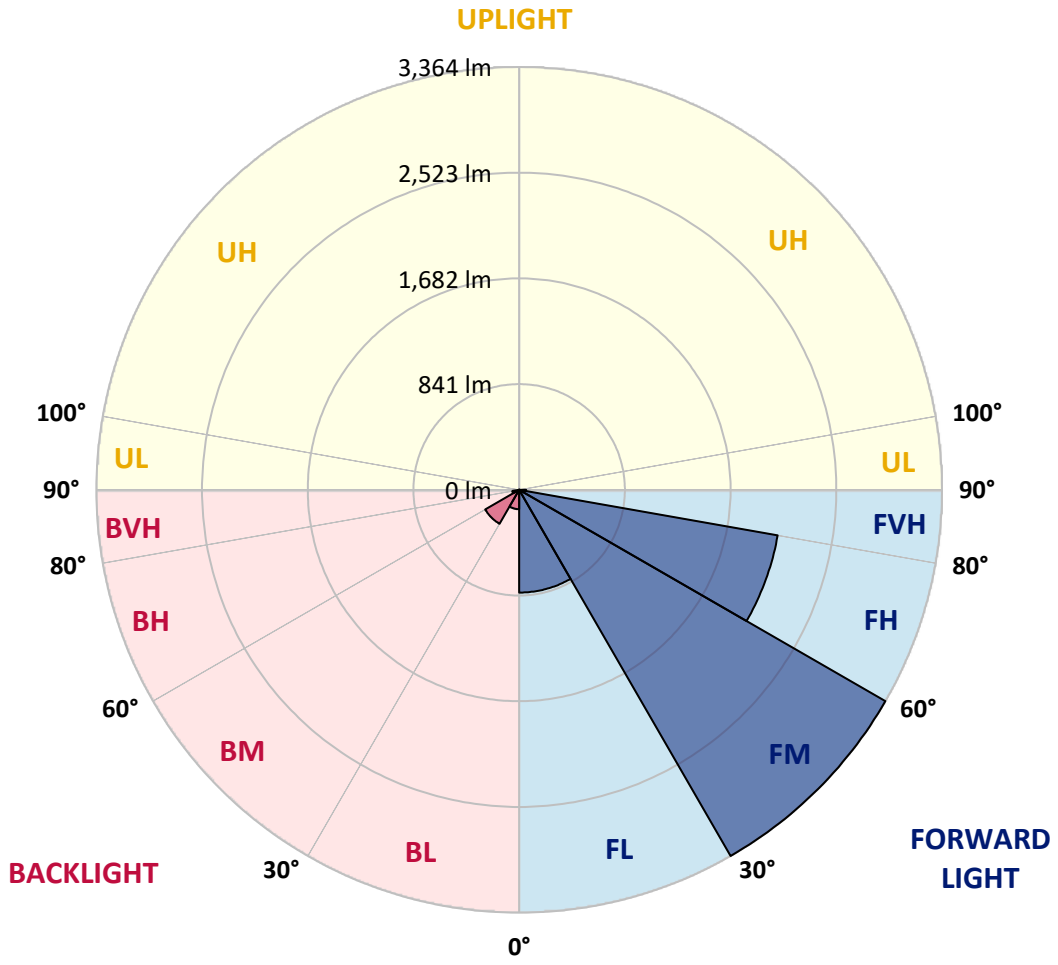
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	817.7	11.9			
FM	(30°-60°)	3364.0	49.1			
FH	(60°-80°)	2088.3	30.5			G2/5000
FVH	(80°-90°)	55.8	0.8			G1/100
BL	(0°-30°)	154.3	2.3	B1/500		
BM	(30°-60°)	312.0	4.6	B1/1000		
BH	(60°-80°)	54.4	0.8	B0/110		G0/110
BVH	(80°-90°)	2.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	1350.4	1350.4	1350.4	1350.4	*1350.4*	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4
2.5°	1726.0	1726.0	1713.7	1697.3	*1678.8*	1672.7	1637.8	1588.5	1537.2	1477.7	1391.5
5°	1947.7	1945.6	1921.0	1921.0	*1896.4*	1873.8	1838.9	1767.1	1685.0	1578.3	1428.4
7.5°	2046.2	2050.3	2040.0	2040.0	*2025.7*	2009.2	1988.7	1918.9	1822.5	1678.8	1465.4
10°	2081.1	2083.1	2083.1	2097.5	*2093.4*	2091.3	2089.3	2050.3	1949.7	1781.4	1504.4
12.5°	1996.9	2007.2	2035.9	2099.5	*2120.1*	2142.6	2173.4	2161.1	2091.3	1910.7	1563.9
15°	1726.0	1728.1	1808.1	1966.1	*2050.3*	2136.5	2255.5	2280.2	2235.0	2050.3	1625.5
17.5°	1424.3	1430.5	1494.1	1670.6	*1806.1*	2005.1	2302.7	2403.3	2386.9	2187.8	1682.9
20°	1299.1	1307.3	1338.1	1449.0	*1551.6*	1736.3	2255.5	2520.3	2526.4	2325.3	1736.3
22.5°	1270.4	1276.6	1301.2	1387.4	*1451.0*	1574.1	2095.4	2612.6	2684.5	2483.3	1799.9
25°	1262.2	1268.3	1305.3	1399.7	*1459.2*	1561.8	1949.7	2661.9	2871.2	2647.5	1861.5
27.5°	1256.0	1264.2	1323.8	1444.8	*1514.6*	1613.1	1923.0	2672.1	3049.8	2822.0	1962.0
30°	1264.2	1276.6	1354.5	1492.1	*1572.1*	1682.9	1986.7	2682.4	3246.8	3021.0	2089.3
32.5°	1297.1	1307.3	1401.7	1555.7	*1648.0*	1773.2	2095.4	2744.0	3433.6	3224.2	2210.4
35°	1334.0	1348.4	1461.3	1646.0	*1756.8*	1898.4	2243.2	2865.1	3612.1	3417.1	2335.6
37.5°	1379.2	1395.6	1531.0	1748.6	*1875.8*	2035.9	2403.3	3033.4	3770.1	3575.2	2460.8
40°	1440.7	1459.2	1611.1	1857.4	*1994.9*	2155.0	2561.3	3199.6	3891.2	3669.6	2542.9
42.5°	1682.9	1707.5	1771.2	1964.1	*2118.0*	2282.2	2717.3	3357.6	3936.4	3700.4	2559.3
45°	2134.4	2159.1	2142.6	2179.6	*2282.2*	2436.1	2887.6	3509.5	3942.5	3692.2	2551.1
47.5°	2588.0	2616.7	2602.4	2581.8	*2604.4*	2678.3	3078.5	3606.0	3909.7	3688.1	2551.1
50°	3021.0	3004.6	3006.7	3000.5	*3021.0*	3060.0	3263.2	3624.4	3901.5	3727.1	2573.6
52.5°	3253.0	3261.2	3312.5	3388.4	*3433.6*	3472.6	3474.6	3653.2	3842.0	3661.4	2547.0
55°	3480.8	3497.2	3616.2	3745.5	*3846.1*	3920.0	3686.0	3634.7	3486.9	3441.8	2407.4
57.5°	3737.3	3759.9	3928.2	4195.0	*4371.5*	4410.5	3895.3	3289.9	2951.3	3127.8	2136.5
60°	4090.3	4117.0	4340.7	4740.9	*5003.6*	4923.6	3911.8	2741.9	2343.8	2596.2	1763.0
62.5°	4367.4	4420.7	4825.1	5449.0	*5738.3*	5483.9	3606.0	2101.6	1637.8	1824.5	1286.8
65°	4071.8	4174.5	4833.3	6259.6	*6594.2*	6142.7	3125.7	1434.6	923.6	1180.1	823.0
67.5°	3292.0	3435.6	4291.4	6653.7	*7181.1*	6489.5	2460.8	761.4	529.5	685.5	433.0
68°	*3029.3*	*3185.2*	*4092.4*	*6653.7*	*7211.9*	*6458.7*	*2284.3*	*658.8*	*488.5*	*615.7*	*375.6*
70°	2093.4	2204.2	3146.2	6280.2	*7031.3*	5888.2	1504.4	377.6	367.4	422.8	248.3
72.5°	1026.2	1145.2	1682.9	4976.9	*5728.1*	4525.4	685.5	250.4	279.1	309.9	195.0
75°	408.4	433.0	662.9	2454.6	*3579.3*	2887.6	359.2	188.8	240.1	242.2	153.9
77.5°	234.0	248.3	367.4	903.0	*1342.2*	1290.9	231.9	135.5	190.9	174.4	100.6
80°	131.3	133.4	207.3	476.1	*767.6*	687.5	158.0	98.5	145.7	123.1	67.7
82.5°	65.7	73.9	131.3	262.7	*426.9*	437.1	84.1	69.8	117.0	88.3	55.4
85°	47.2	51.3	94.4	145.7	*197.0*	295.5	51.3	34.9	88.3	59.5	39.0
87.5°	24.6	30.8	59.5	71.8	*80.0*	100.6	24.6	16.4	49.3	34.9	20.5
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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REPORT NUMBER: P1458710
CATALOG NUMBER: GLAN-SB1D-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4
2.5°	1350.4	1303.2	1206.8	1093.9	1005.6	915.3	841.5	771.7	738.8	734.7	742.9
5°	1344.3	1241.7	1022.1	806.6	630.1	506.9	439.2	404.3	385.8	377.6	379.7
7.5°	1332.0	1176.0	825.0	545.9	408.4	355.1	338.6	332.5	330.4	330.4	330.4
10°	1319.7	1087.7	632.1	400.2	334.5	320.2	316.1	316.1	314.0	314.0	316.1
12.5°	1313.5	1005.6	490.5	334.5	312.0	305.8	301.7	299.6	299.6	299.6	301.7
15°	1299.1	915.3	396.1	309.9	297.6	289.4	287.3	285.3	285.3	285.3	285.3
17.5°	1286.8	827.1	344.8	293.5	283.2	275.0	273.0	270.9	270.9	273.0	273.0
20°	1268.3	742.9	309.9	277.1	268.9	260.6	258.6	256.5	258.6	258.6	258.6
22.5°	1245.8	673.2	289.4	264.8	254.5	246.3	246.3	246.3	246.3	246.3	248.3
25°	1231.4	623.9	275.0	250.4	240.1	234.0	231.9	231.9	236.0	236.0	238.1
27.5°	1254.0	611.6	277.1	246.3	227.8	221.7	219.6	219.6	223.7	225.8	227.8
30°	1321.7	634.2	301.7	258.6	219.6	209.3	207.3	207.3	213.4	215.5	217.5
32.5°	1399.7	681.4	338.6	275.0	213.4	197.0	192.9	192.9	199.1	201.1	203.2
35°	1506.4	755.3	387.9	289.4	217.5	184.7	176.5	176.5	180.6	184.7	186.8
37.5°	1643.9	876.3	445.4	299.6	217.5	170.3	160.1	158.0	162.1	162.1	164.2
40°	1787.6	1034.4	504.9	299.6	207.3	156.0	145.7	139.6	141.6	139.6	141.6
42.5°	1867.6	1161.6	556.2	281.2	195.0	141.6	131.3	123.1	121.1	117.0	119.0
45°	1912.8	1219.1	541.8	260.6	182.7	131.3	119.0	108.8	104.7	98.5	98.5
47.5°	1912.8	1225.2	463.8	244.2	170.3	123.1	106.7	96.5	90.3	84.1	86.2
50°	1890.2	1169.8	367.4	227.8	156.0	114.9	96.5	88.3	80.0	75.9	75.9
52.5°	1795.8	989.2	281.2	207.3	139.6	104.7	86.2	78.0	69.8	67.7	67.7
55°	1633.7	726.5	227.8	186.8	125.2	96.5	78.0	71.8	63.6	59.5	59.5
57.5°	1327.9	496.7	188.8	168.3	110.8	86.2	69.8	63.6	53.4	49.3	49.3
60°	985.1	324.3	160.1	147.8	94.4	78.0	61.6	53.4	45.2	41.0	39.0
62.5°	665.0	219.6	133.4	117.0	80.0	67.7	53.4	45.2	34.9	26.7	26.7
65°	414.6	170.3	110.8	92.4	69.8	59.5	45.2	34.9	24.6	18.5	16.4
67.5°	238.1	137.5	90.3	71.8	59.5	47.2	34.9	28.7	20.5	14.4	12.3
68°	*219.6*	*131.3*	*84.1*	*67.7*	*55.4*	*45.2*	*32.8*	*26.7*	*18.5*	*12.3*	*12.3*
70°	178.6	117.0	71.8	55.4	47.2	36.9	28.7	22.6	14.4	8.2	8.2
72.5°	158.0	98.5	61.6	43.1	32.8	30.8	22.6	16.4	10.3	6.2	4.1
75°	129.3	78.0	49.3	32.8	22.6	22.6	16.4	10.3	4.1	0.0	0.0
77.5°	84.1	57.5	39.0	20.5	12.3	14.4	10.3	4.1	0.0	0.0	0.0
80°	55.4	43.1	26.7	10.3	6.2	6.2	2.1	0.0	0.0	0.0	0.0
82.5°	39.0	28.7	16.4	4.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	24.6	12.3	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.3	4.1	2.1	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

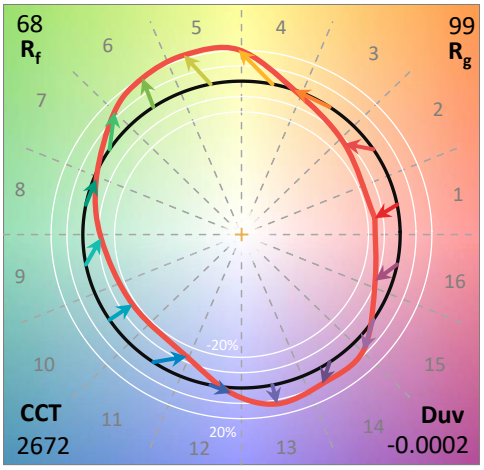
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

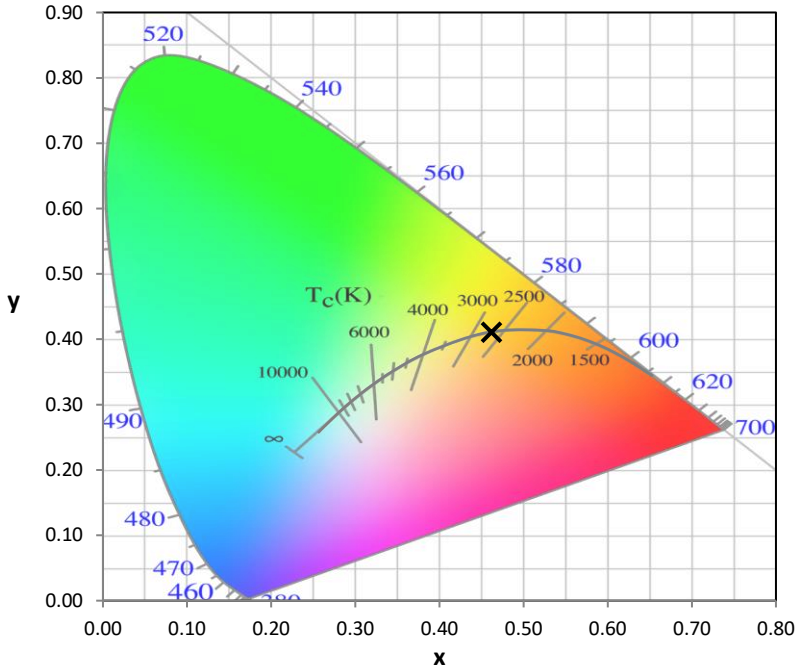
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

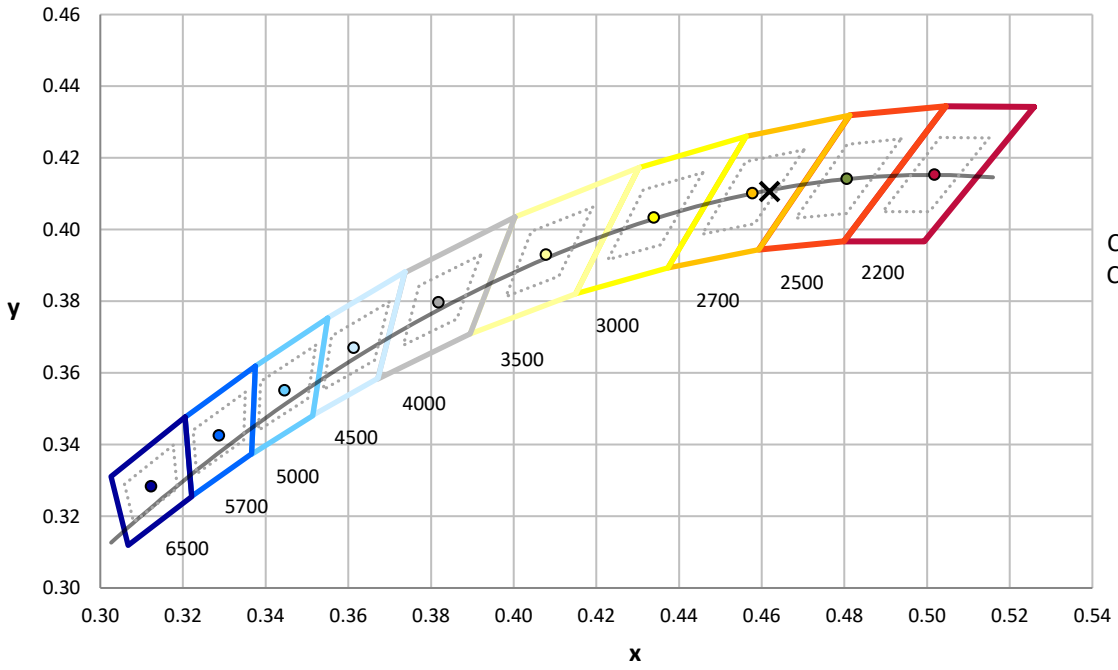
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

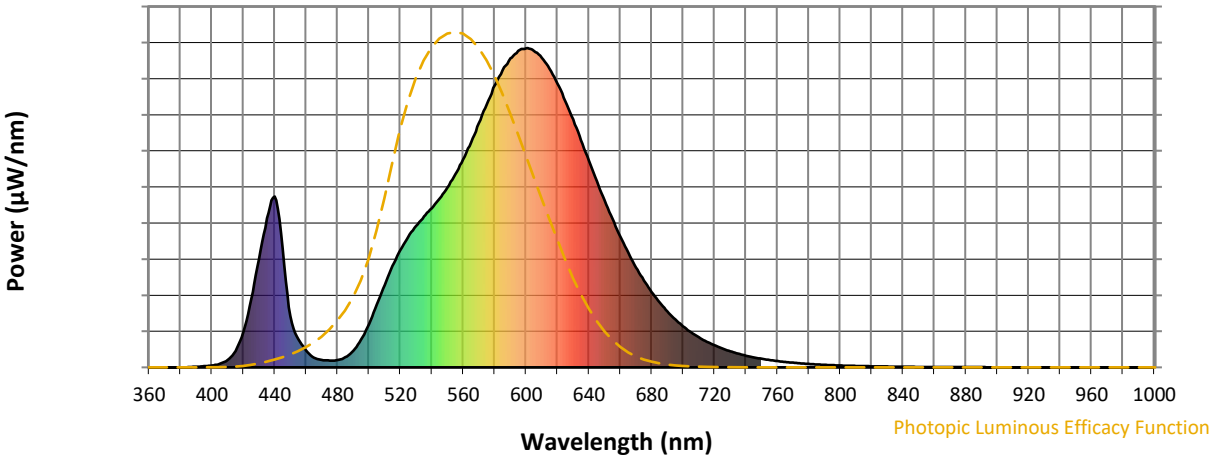


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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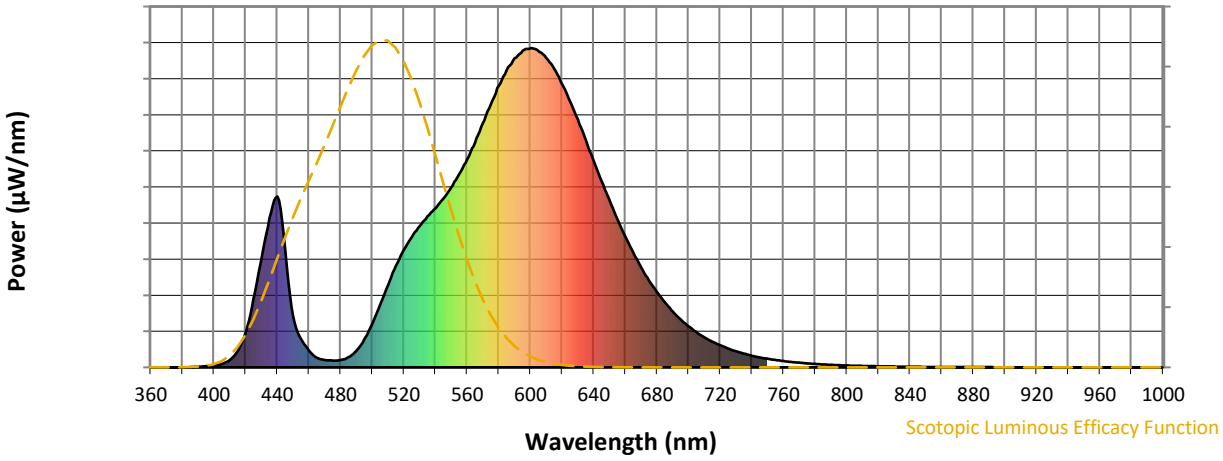
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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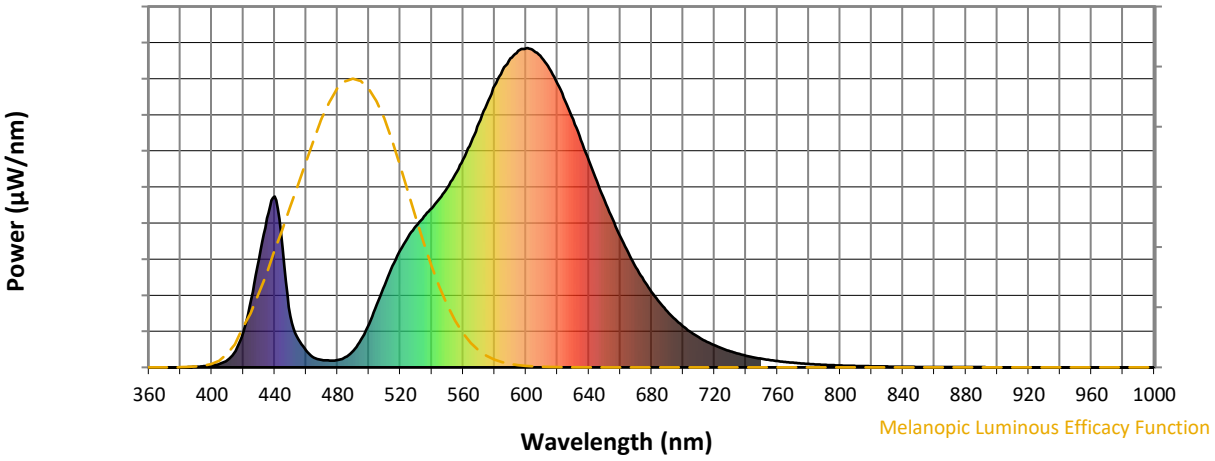
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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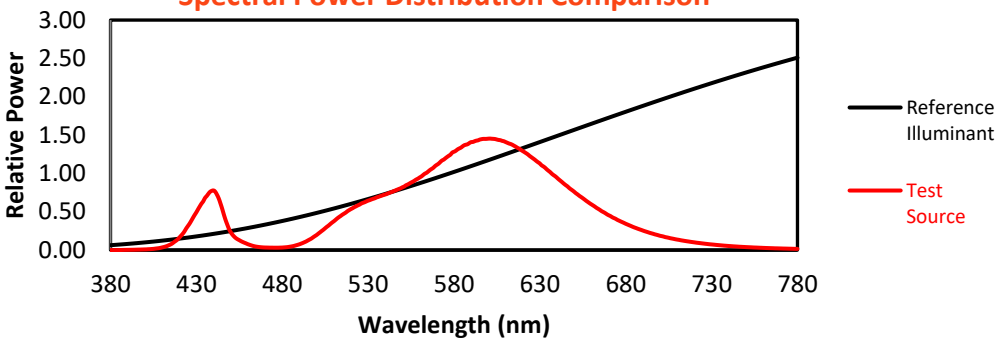
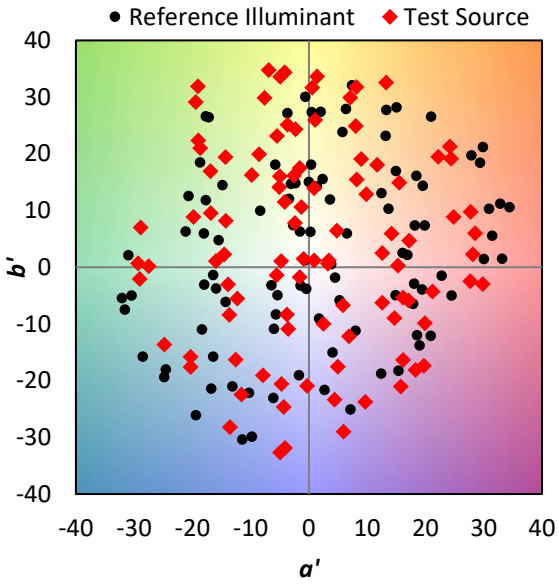
Summary

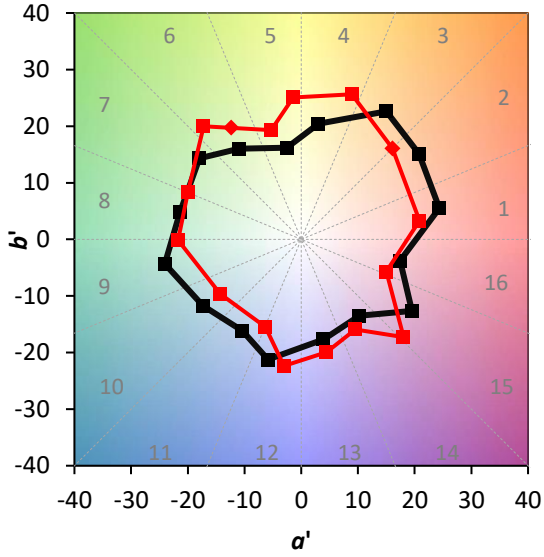
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

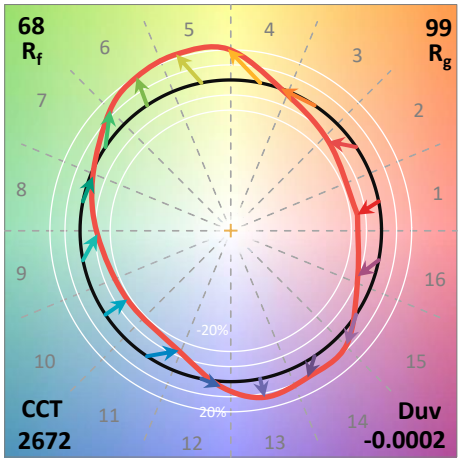
Spectral Power Distribution Comparison

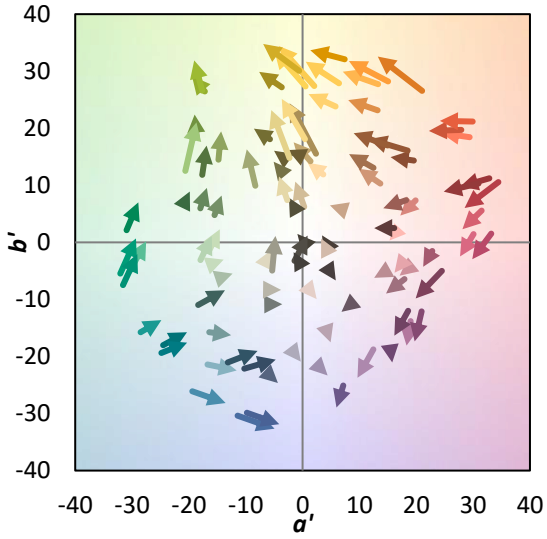


Color Vector Graphics









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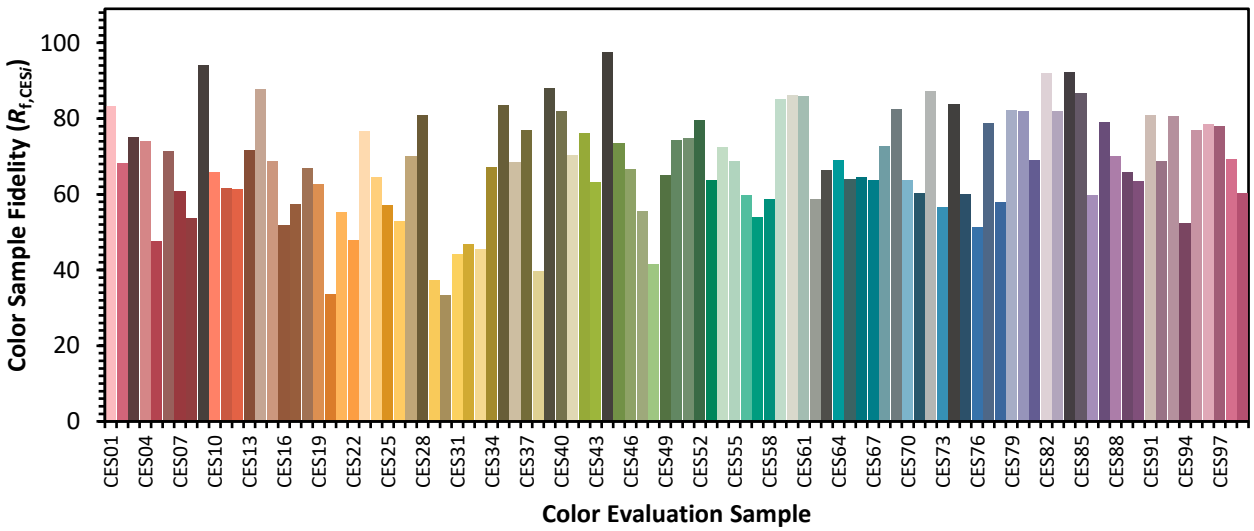
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



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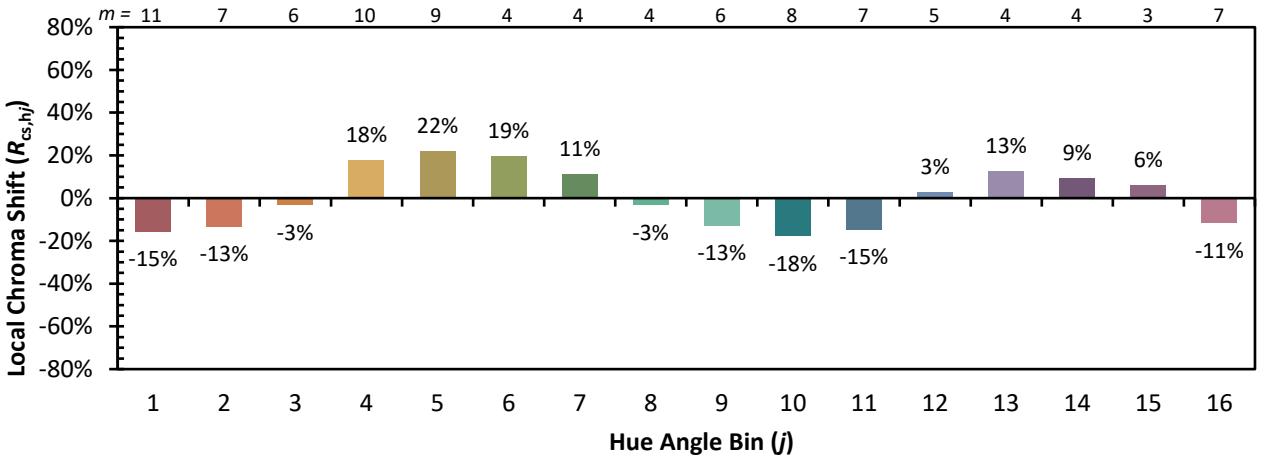
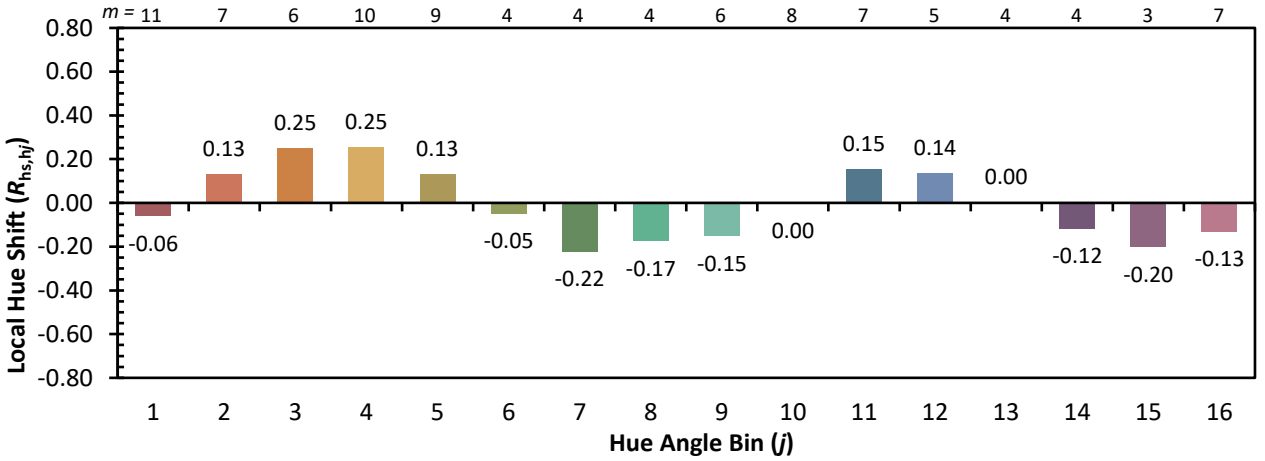
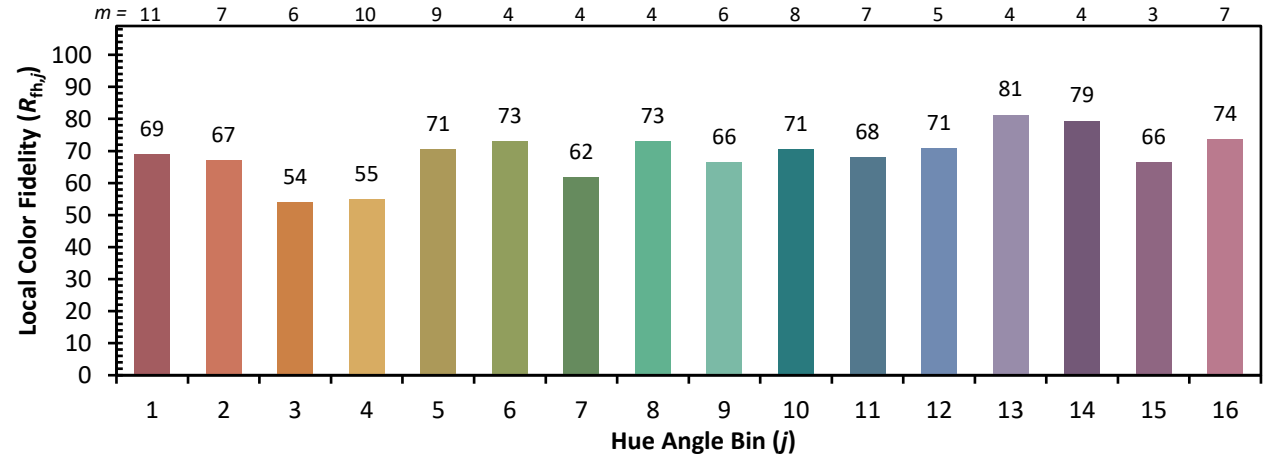
Color Rendition by Hue-Angle Bin







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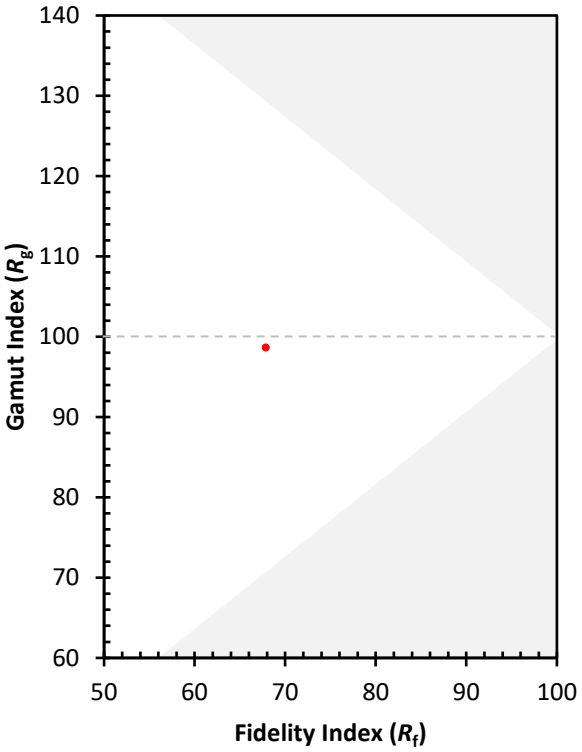
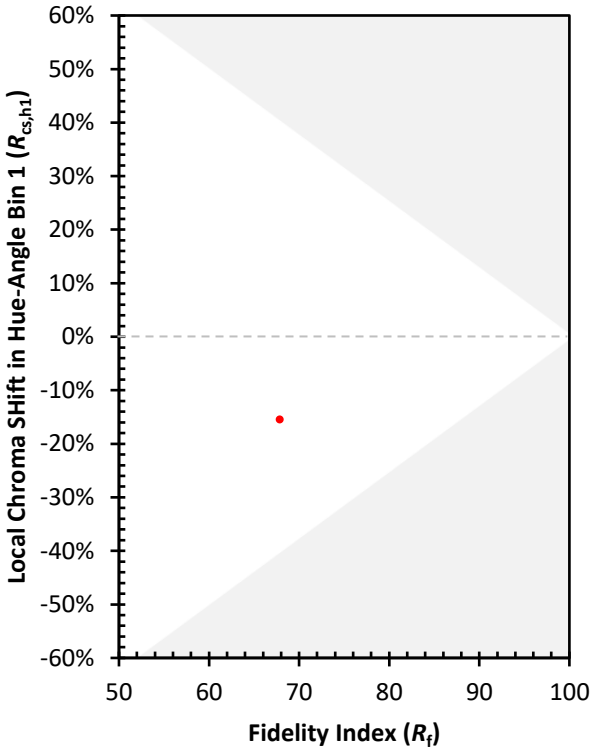
Measure Comparisons





(END OF REPORT)