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: P1458355

Luminaire Tested: GLAN-SB3A-830-U-T3LG-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:	P1458355
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9239.8 lumens
Efficiency:	N/A
Efficacy:	109.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - 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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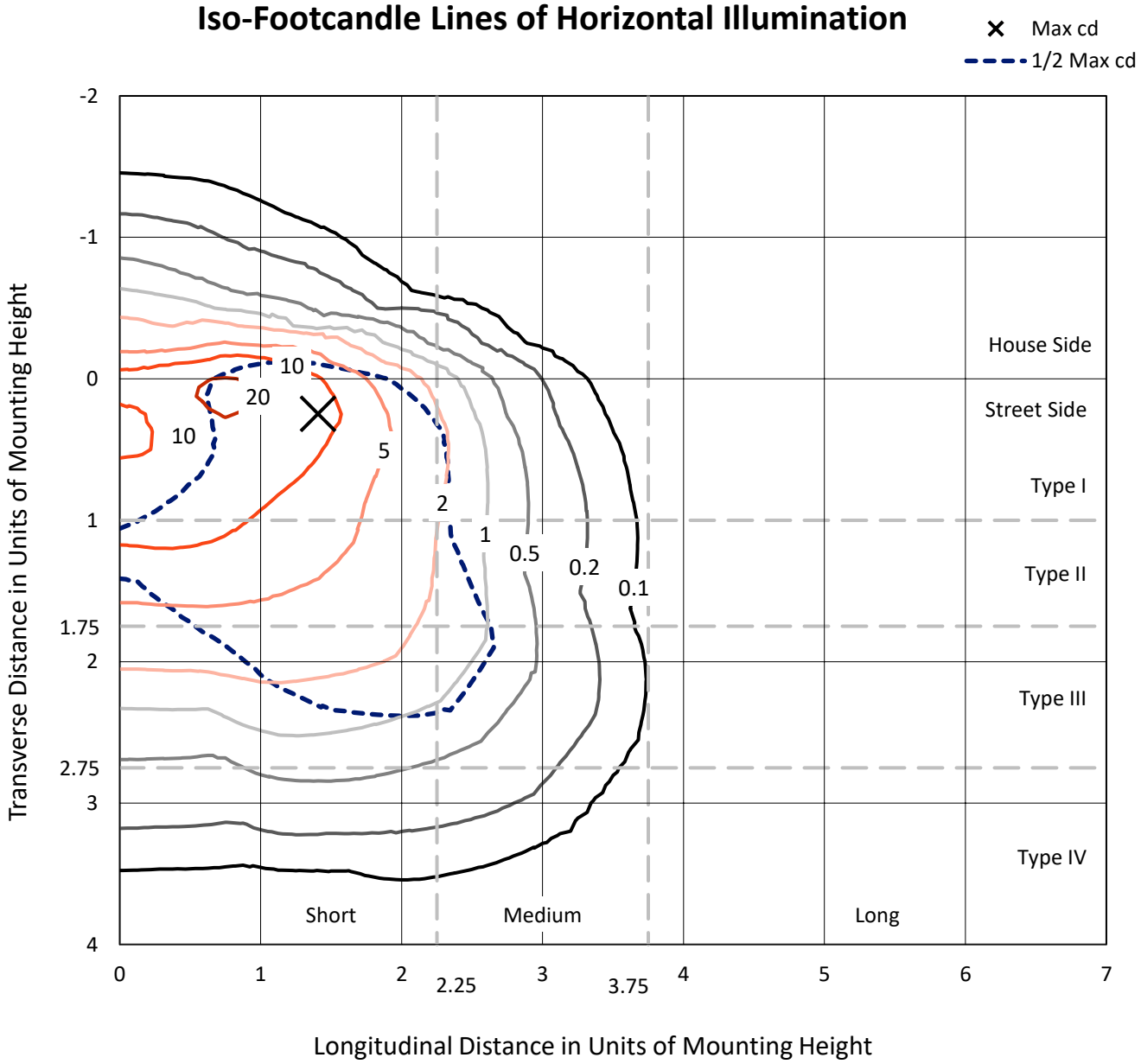
REPORT NUMBER: P1458355
CATALOG NUMBER: GLAN-SB3A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 22.8 fc
Type III - Short - N/A

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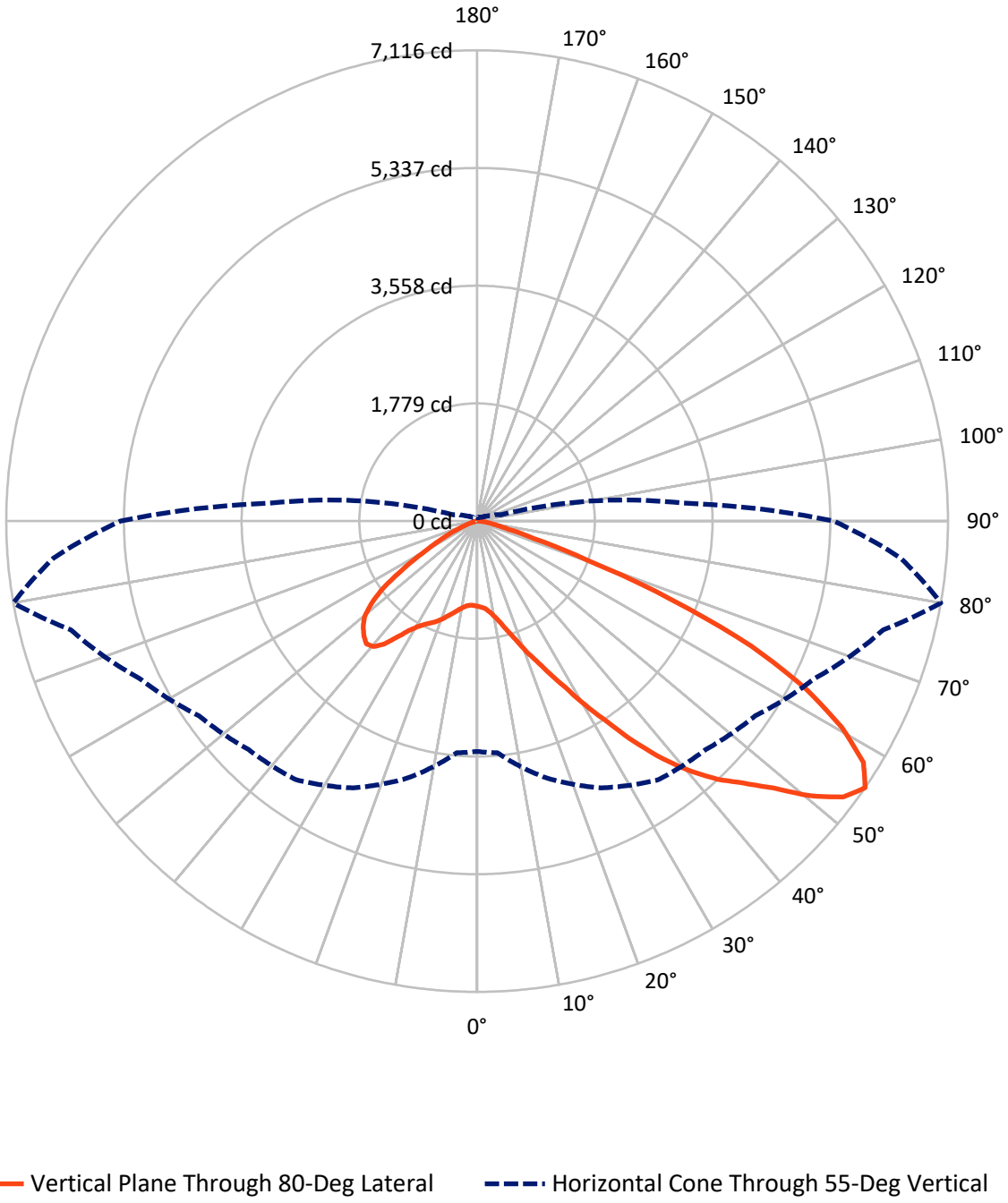
Luminous Intensity Polar Plot



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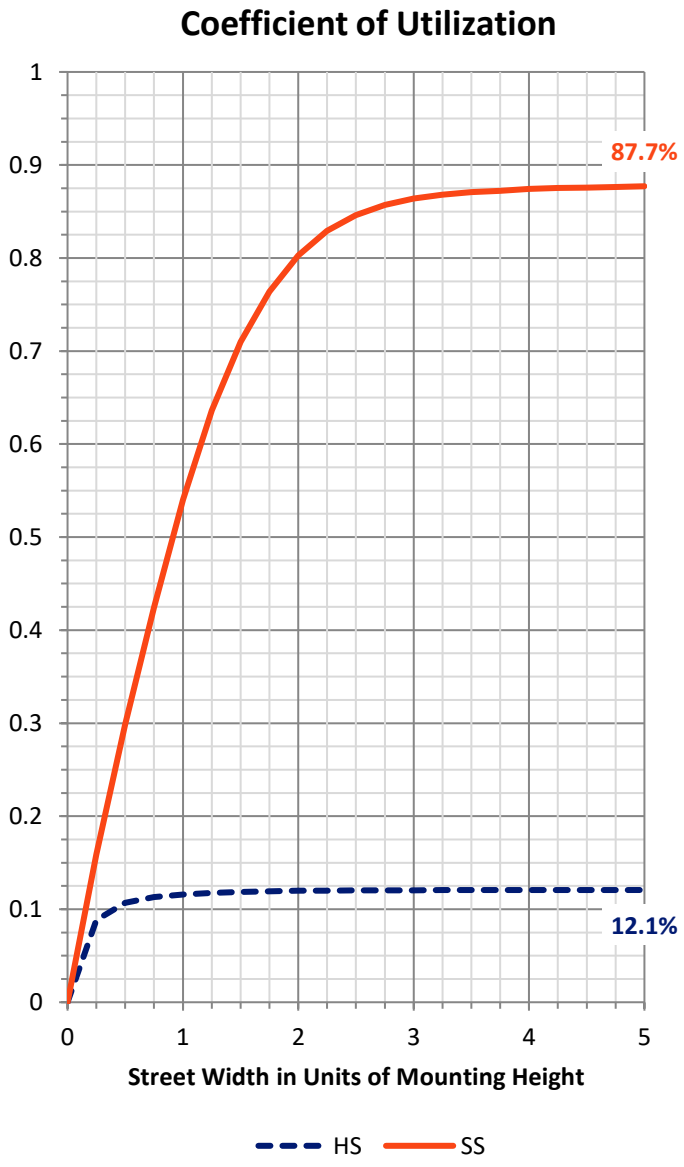
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1123.2	0.0	1123.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	8116.6	0.0	8116.6
	% Fixture	87.8	0.0	87.8
Total	Lumens	9239.8	0.0	9239.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.0	1.2
10°-20°	284.8	3.1
20°-30°	557.5	6.0
30°-40°	1134.2	12.3
40°-50°	1912.0	20.7
50°-60°	2443.0	26.4
60°-70°	2085.7	22.6
70°-80°	666.5	7.2
80°-90°	48.1	0.5
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°	9239.8	100.0
0°-180°	9239.8	100.0



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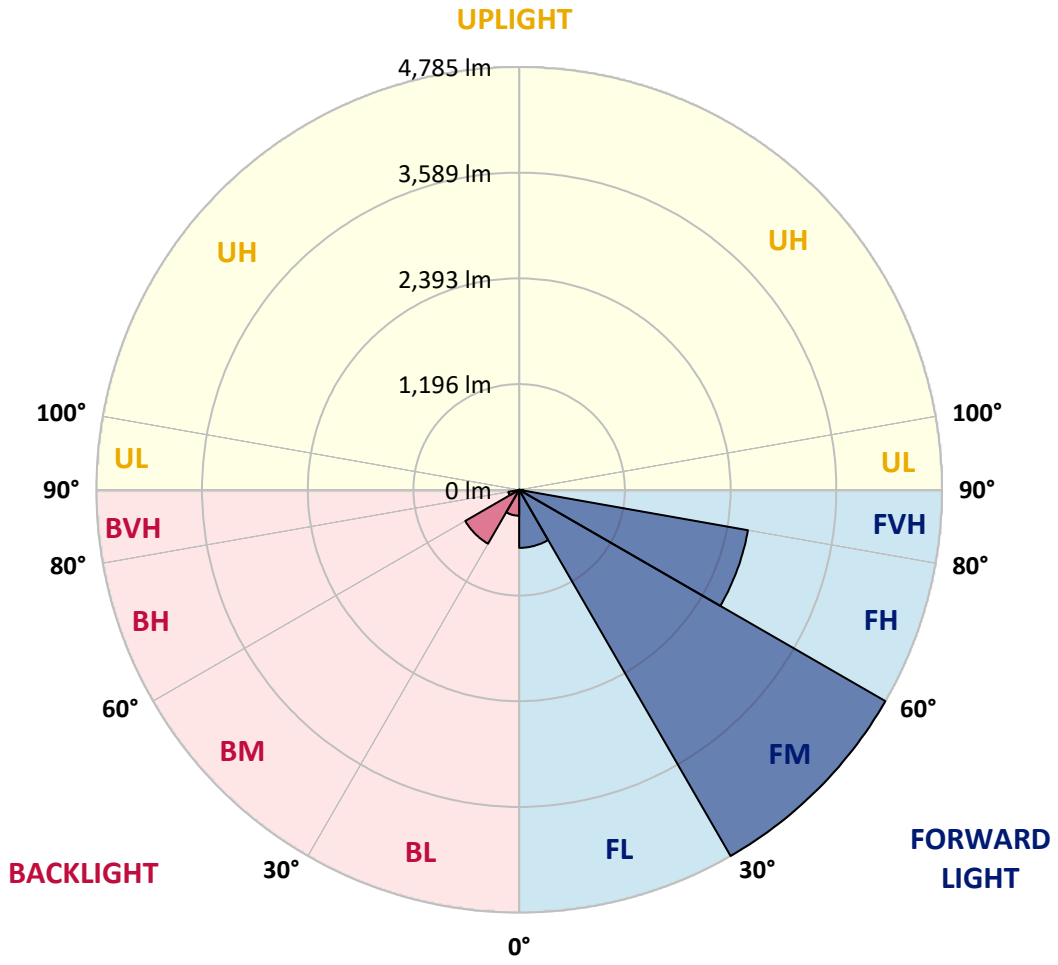
REPORT NUMBER: P1458355
CATALOG NUMBER: GLAN-SB3A-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	657.0	7.1			
FM	(30°-60°)	4785.2	51.8			
FH	(60°-80°)	2628.8	28.5			G2/5000
FVH	(80°-90°)	45.6	0.5			G1/100
BL	(0°-30°)	293.3	3.2	B1/500		
BM	(30°-60°)	703.9	7.6	B1/1000		
BH	(60°-80°)	123.5	1.3	B1/500		G1/500
BVH	(80°-90°)	2.5	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 III Short



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REPORT NUMBER: P1458355
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	*1287.1*	1287.1
2.5°	1295.0	1297.6	1295.0	1297.6	1302.9	1300.2	1310.7	1308.1	1308.1	*1305.5*	1295.0
5°	1221.4	1224.1	1229.3	1242.4	1260.8	1279.2	1302.9	1318.6	1334.4	*1331.7*	1321.2
7.5°	1077.0	1082.2	1103.2	1129.5	1189.9	1245.1	1305.5	1344.9	1379.0	*1389.5*	1381.7
10°	995.5	1000.8	1013.9	1040.2	1095.3	1187.3	1305.5	1386.9	1447.3	*1468.3*	1471.0
12.5°	987.6	990.3	1000.8	1029.7	1077.0	1155.8	1302.9	1442.1	1544.5	*1576.0*	1586.5
15°	992.9	998.2	1008.7	1032.3	1087.5	1176.8	1323.9	1528.8	1673.2	*1717.9*	1720.5
17.5°	1013.9	1019.2	1032.3	1058.6	1119.0	1231.9	1389.5	1618.1	1828.2	*1878.1*	1907.0
20°	1055.9	1058.6	1074.3	1108.5	1176.8	1300.2	1486.7	1738.9	2014.7	*2088.2*	2109.3
22.5°	1111.1	1119.0	1140.0	1182.0	1268.7	1394.8	1620.7	1886.0	2219.6	*2295.8*	2332.5
25°	1171.5	1182.0	1213.5	1281.8	1392.2	1539.3	1786.2	2080.4	2461.2	*2553.2*	2603.1
27.5°	1295.0	1297.6	1318.6	1405.3	1547.1	1728.4	1996.3	2329.9	2744.9	*2852.6*	2907.8
30°	1565.5	1568.2	1549.8	1573.4	1717.9	1951.7	2243.2	2621.5	3075.9	*3225.6*	3270.3
32.5°	1896.5	1909.6	1907.0	1891.2	1956.9	2174.9	2537.4	2970.8	3464.6	*3622.3*	3664.3
35°	2272.1	2303.6	2295.8	2290.5	2298.4	2461.2	2873.6	3357.0	3905.9	*4097.7*	4131.8
37.5°	2639.9	2647.7	2684.5	2729.2	2734.4	2847.4	3262.4	3766.7	4315.7	*4560.0*	4612.5
40°	2923.5	2949.8	3041.7	3131.1	3223.0	3312.3	3582.8	4097.7	4641.4	*4969.8*	4993.4
42.5°	3144.2	3207.2	3341.2	3480.4	3666.9	3766.7	3887.5	4331.5	4906.7	*5334.9*	5324.4
45°	3412.1	3438.4	3627.5	3811.4	4000.5	4152.8	4150.2	4528.5	5114.2	*5647.5*	5581.8
47.5°	3593.4	3624.9	3882.3	4097.7	4292.1	4368.2	4384.0	4741.2	5400.5	*6025.7*	5870.7
50°	3690.5	3745.7	4026.8	4299.9	4510.1	4533.7	4604.6	5019.7	5776.2	*6527.4*	6235.8
52.5°	3701.1	3753.6	4076.7	4428.7	4657.2	4704.5	4825.3	5334.9	6141.3	*6929.3*	6446.0
55°	*3483.0*	*3514.6*	*4016.3*	*4449.7*	*4772.8*	*4883.1*	*5130.0*	*5626.4*	*6354.0*	*7115.8*	*6427.6*
57.5°	3278.2	3309.7	3745.7	4412.9	4891.0	5116.9	5455.7	5826.1	6188.6	*6884.6*	6017.8
60°	3102.2	3117.9	3514.6	4242.2	4935.6	5345.4	5736.8	5629.1	5760.4	*6330.4*	5316.5
62.5°	2771.2	2781.7	3251.9	3934.8	4846.3	5521.4	5834.0	5211.4	5290.2	*5566.0*	4491.7
65°	2093.5	2132.9	2563.7	3703.7	4699.2	5602.8	5608.1	4701.8	4620.4	*4554.7*	3532.9
67.5°	1421.1	1465.7	1725.8	3330.7	4460.2	5636.9	5169.4	4042.5	3519.8	*3181.0*	2314.1
70°	1134.7	1134.7	1224.1	2676.6	3892.8	5200.9	4625.7	3052.3	2235.3	*1757.3*	1239.8
72.5°	746.0	748.6	832.7	1699.5	2760.7	3966.4	3772.0	1765.2	1161.0	*895.7*	612.0
75°	270.6	270.6	365.1	680.3	1460.5	2361.4	2298.4	843.2	630.4	*488.6*	370.4
77.5°	144.5	149.7	176.0	281.1	559.5	961.4	898.3	430.8	357.2	*304.7*	231.2
80°	97.2	99.8	118.2	173.4	270.6	370.4	288.9	241.7	241.7	*204.9*	155.0
82.5°	52.5	55.2	78.8	112.9	144.5	173.4	139.2	141.8	170.7	*139.2*	89.3
85°	36.8	36.8	60.4	81.4	81.4	84.1	60.4	89.3	99.8	*86.7*	60.4
87.5°	21.0	21.0	34.1	39.4	39.4	36.8	18.4	31.5	39.4	*44.7*	26.3
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: P1458355
CATALOG NUMBER: GLAN-SB3A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1	1287.1
2.5°	1292.3	1284.5	1268.7	1237.2	1221.4	1200.4	1182.0	1158.4	1153.1	1150.5	1140.0
5°	1313.4	1297.6	1250.3	1182.0	1124.2	1069.1	1013.9	982.4	956.1	943.0	940.4
7.5°	1365.9	1334.4	1247.7	1126.9	1019.2	924.6	843.2	772.3	735.5	704.0	706.6
10°	1444.7	1394.8	1252.9	1074.3	914.1	761.7	643.5	541.1	467.6	433.4	430.8
12.5°	1549.8	1478.8	1271.3	1021.8	785.4	572.6	422.9	362.5	346.7	344.1	341.5
15°	1678.5	1578.7	1289.7	953.5	612.0	396.6	344.1	331.0	328.3	325.7	325.7
17.5°	1833.5	1694.2	1300.2	837.9	446.5	341.5	323.1	315.2	312.6	310.0	310.0
20°	2027.8	1822.9	1313.4	690.8	378.2	328.3	307.3	296.8	294.2	294.2	291.6
22.5°	2219.6	1967.4	1302.9	562.1	365.1	312.6	288.9	278.4	273.2	273.2	270.6
25°	2440.2	2114.5	1271.3	507.0	362.5	299.4	270.6	254.8	246.9	244.3	244.3
27.5°	2692.4	2282.6	1221.4	509.6	362.5	288.9	246.9	225.9	220.6	215.4	215.4
30°	2981.3	2487.5	1184.7	543.7	367.7	278.4	225.9	199.6	191.8	186.5	189.1
32.5°	3312.3	2716.0	1182.0	598.9	375.6	262.7	202.3	173.4	165.5	162.9	165.5
35°	3687.9	2999.7	1242.4	640.9	354.6	228.5	173.4	149.7	141.8	141.8	144.5
37.5°	4105.6	3325.4	1323.9	630.4	286.3	181.2	149.7	131.3	123.5	126.1	128.7
40°	4486.4	3580.2	1337.0	538.5	215.4	155.0	128.7	115.6	110.3	112.9	115.6
42.5°	4775.4	3785.1	1210.9	417.6	181.2	131.3	110.3	99.8	97.2	102.4	102.4
45°	5009.2	3866.5	1011.3	310.0	160.2	112.9	97.2	91.9	86.7	89.3	89.3
47.5°	5253.4	3879.7	824.8	249.5	141.8	102.4	89.3	84.1	78.8	78.8	78.8
50°	5489.9	3848.1	630.4	220.6	131.3	91.9	81.4	76.2	70.9	68.3	68.3
52.5°	5547.6	3596.0	462.3	204.9	120.8	86.7	76.2	70.9	65.7	63.0	63.0
55°	*5387.4*	*3117.9*	*362.5*	*183.9*	*110.3*	*78.8*	*70.9*	*65.7*	*57.8*	*55.2*	*55.2*
57.5°	4859.4	2377.2	288.9	157.6	99.8	76.2	65.7	60.4	52.5	49.9	49.9
60°	4173.9	1686.4	233.8	128.7	91.9	68.3	60.4	52.5	47.3	42.0	42.0
62.5°	3414.7	1210.9	189.1	107.7	86.7	60.4	55.2	47.3	36.8	28.9	28.9
65°	2618.8	869.4	147.1	86.7	78.8	52.5	47.3	39.4	28.9	21.0	21.0
67.5°	1694.2	562.1	110.3	76.2	60.4	44.7	36.8	31.5	26.3	18.4	15.8
70°	893.1	328.3	81.4	65.7	44.7	34.1	31.5	26.3	21.0	13.1	13.1
72.5°	462.3	215.4	60.4	57.8	34.1	23.6	26.3	21.0	15.8	7.9	7.9
75°	296.8	144.5	44.7	47.3	21.0	18.4	18.4	13.1	7.9	5.3	2.6
77.5°	191.8	97.2	31.5	39.4	13.1	10.5	10.5	5.3	2.6	0.0	0.0
80°	112.9	60.4	21.0	26.3	5.3	5.3	2.6	0.0	0.0	0.0	0.0
82.5°	57.8	31.5	10.5	10.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	36.8	15.8	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.4	5.3	2.6	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

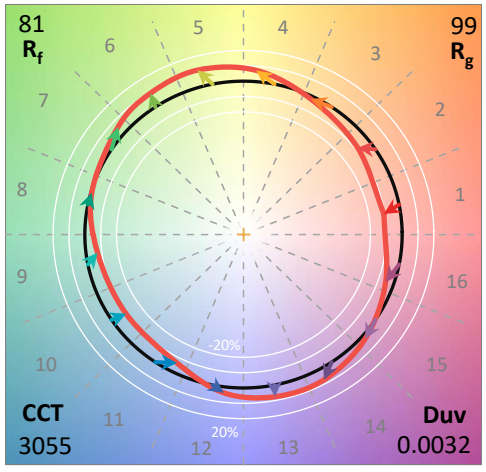
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

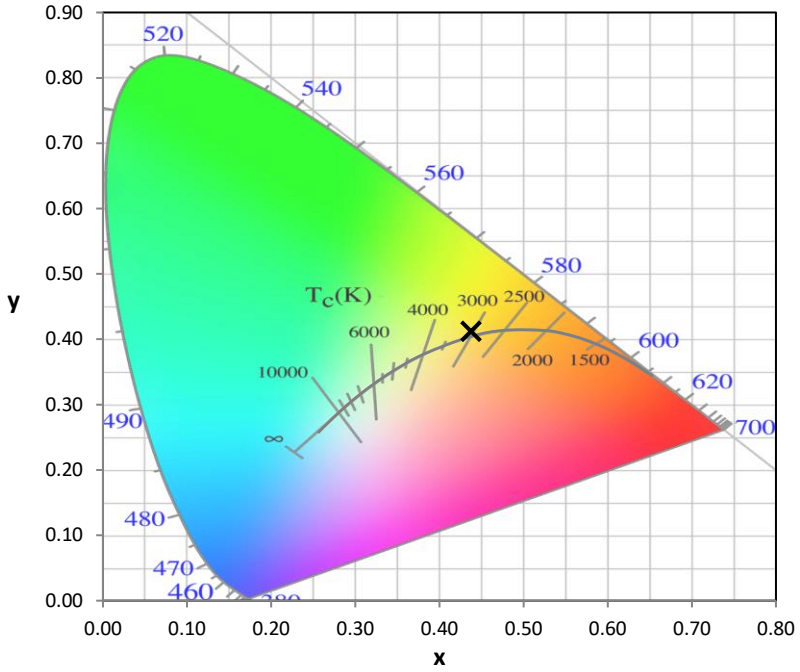
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

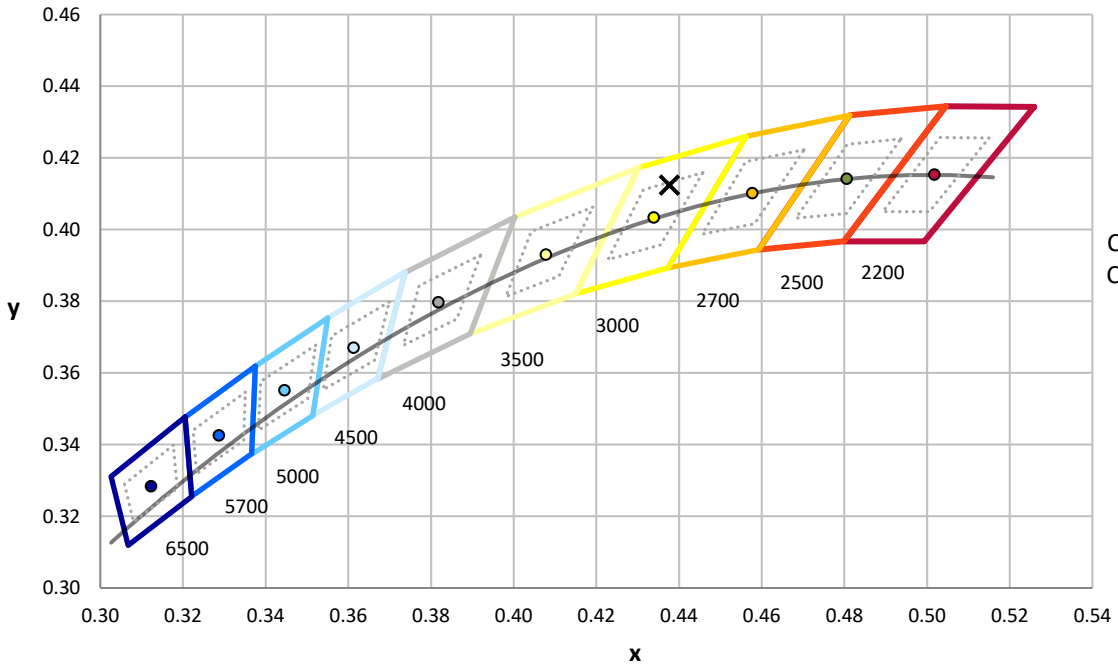
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

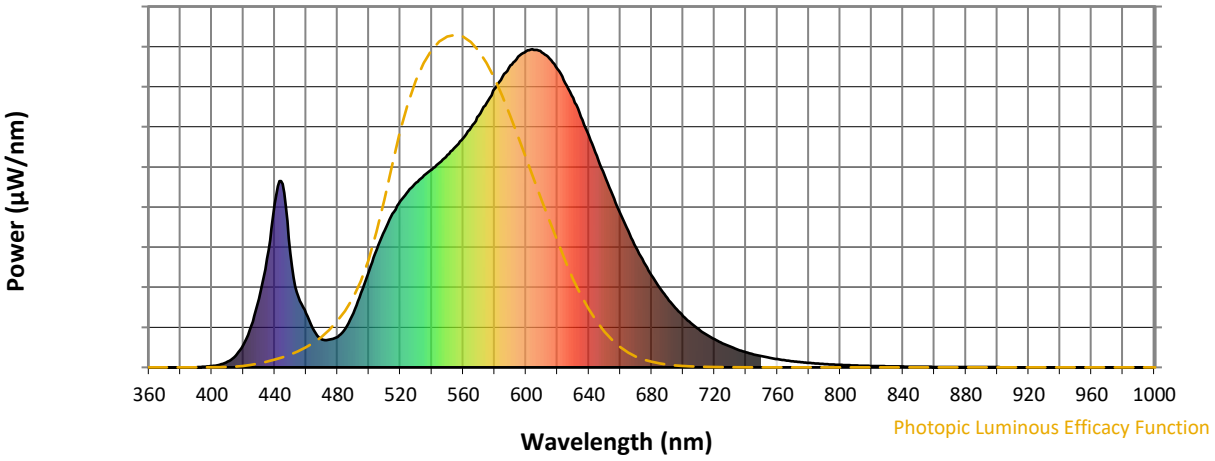


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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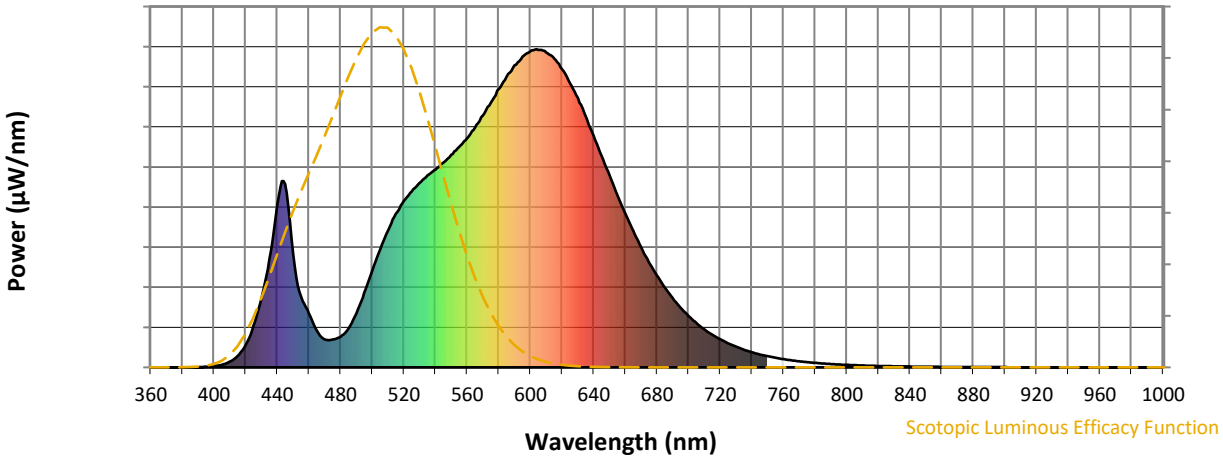
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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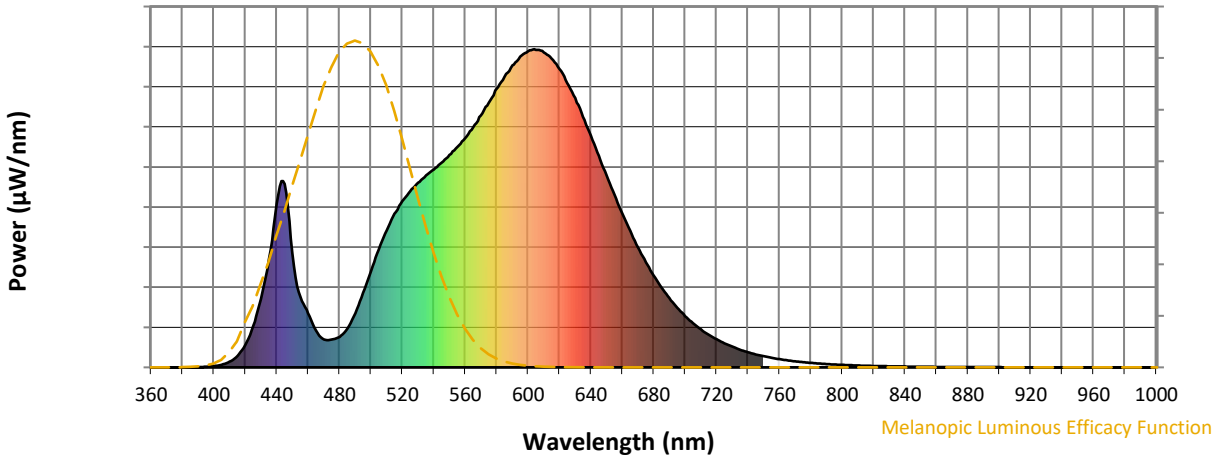
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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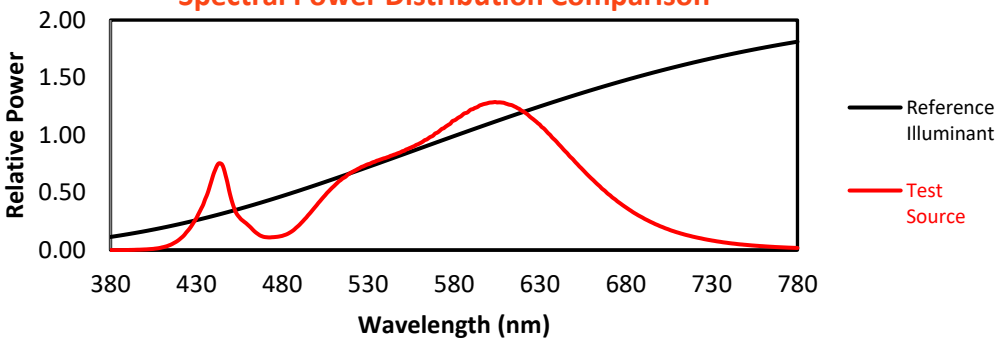
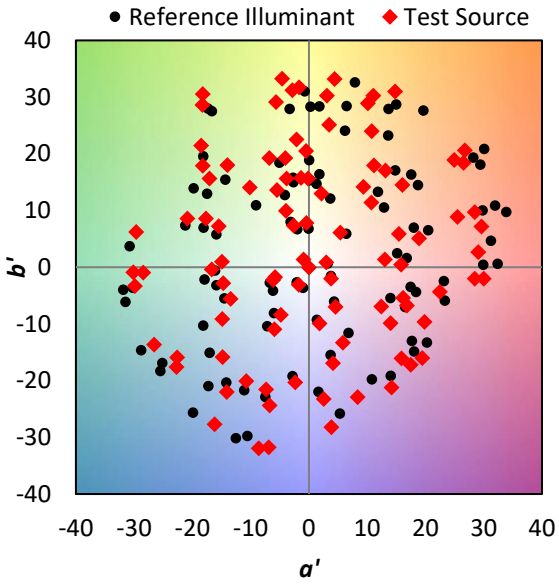
Summary

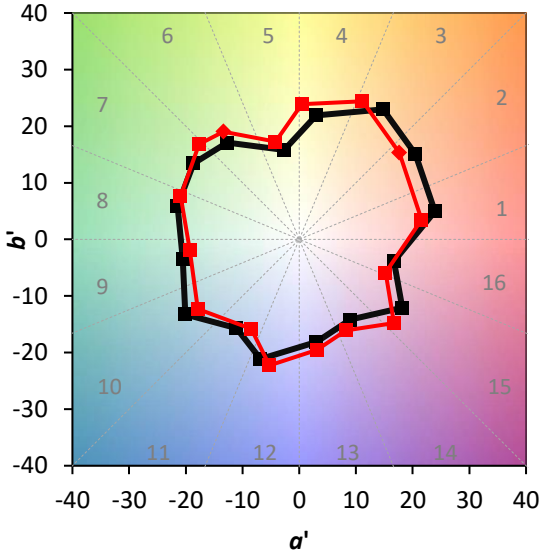
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

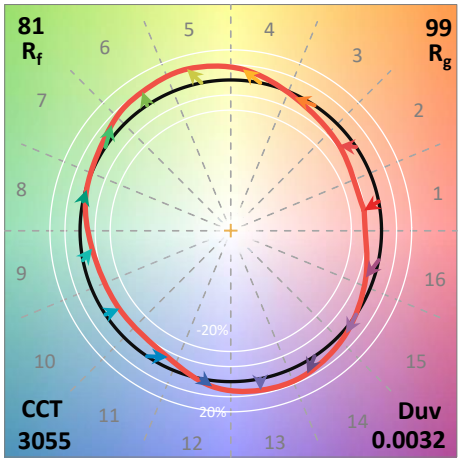
Spectral Power Distribution Comparison

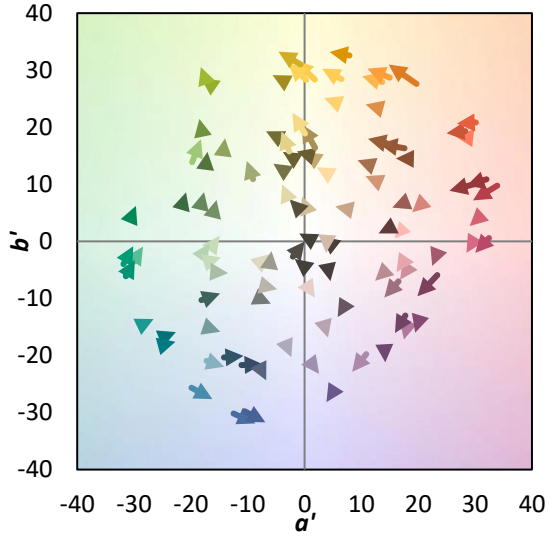


Color Vector Graphics









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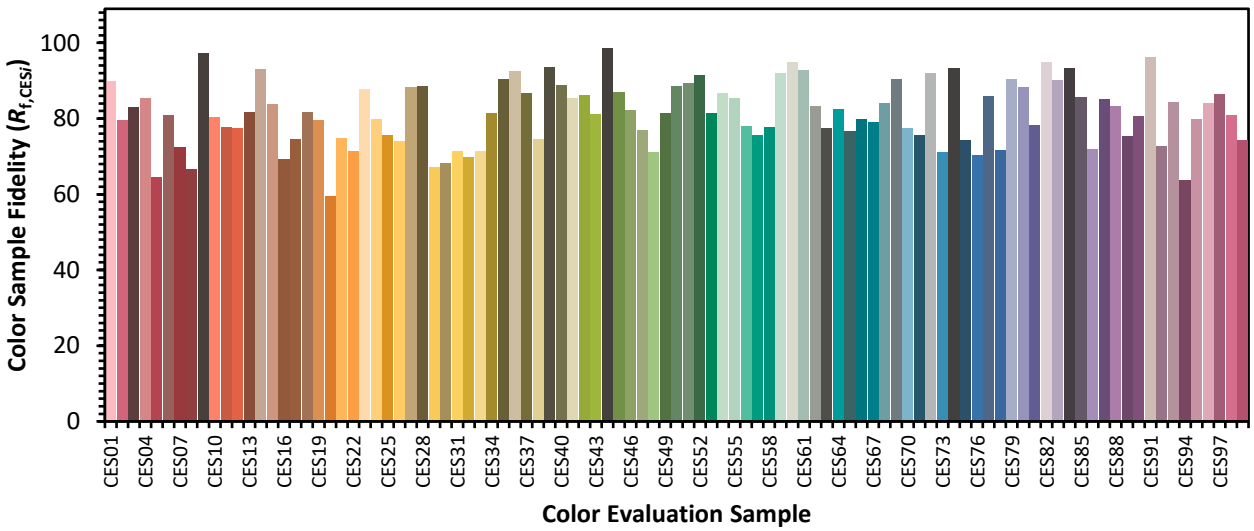
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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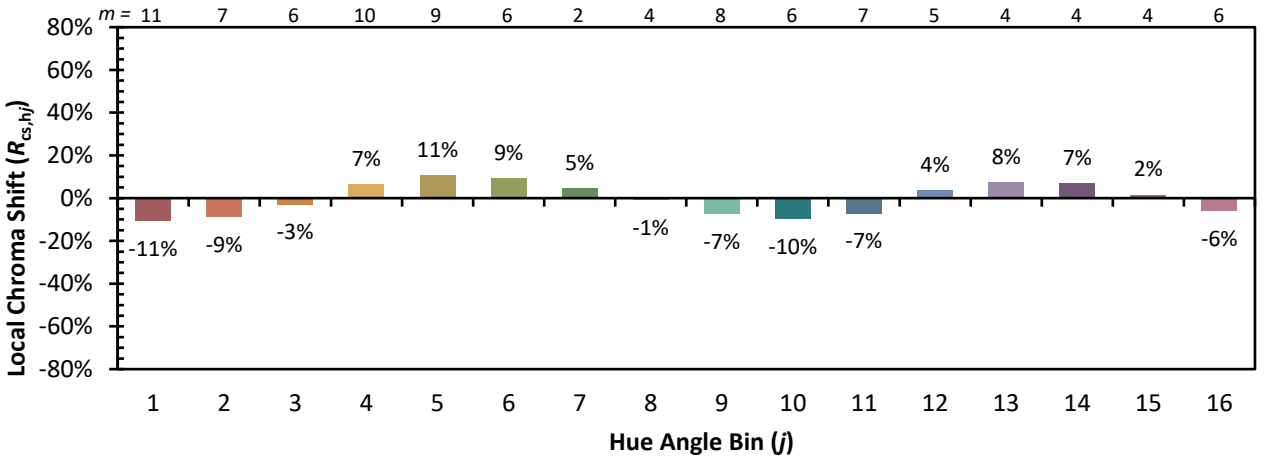
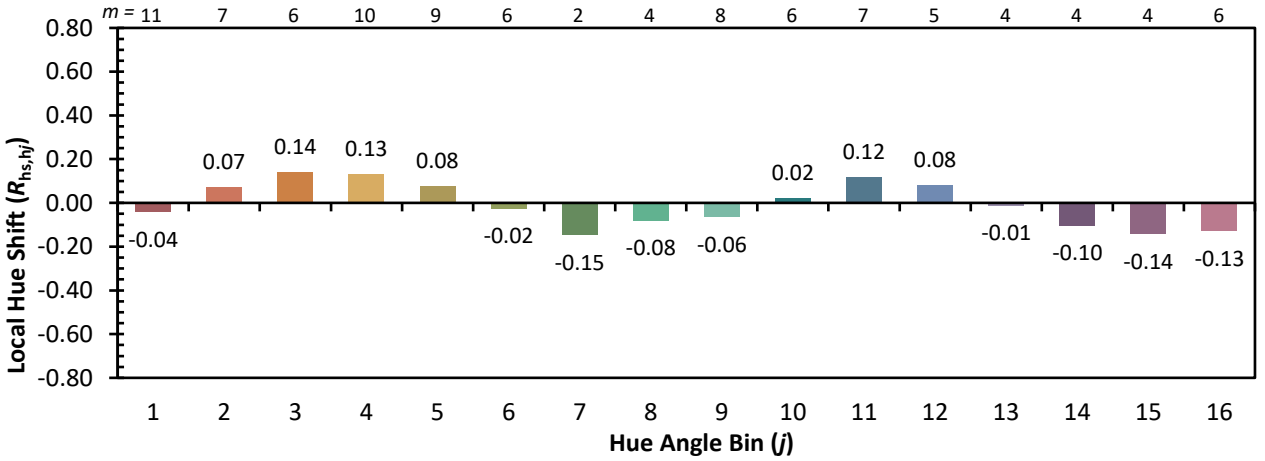
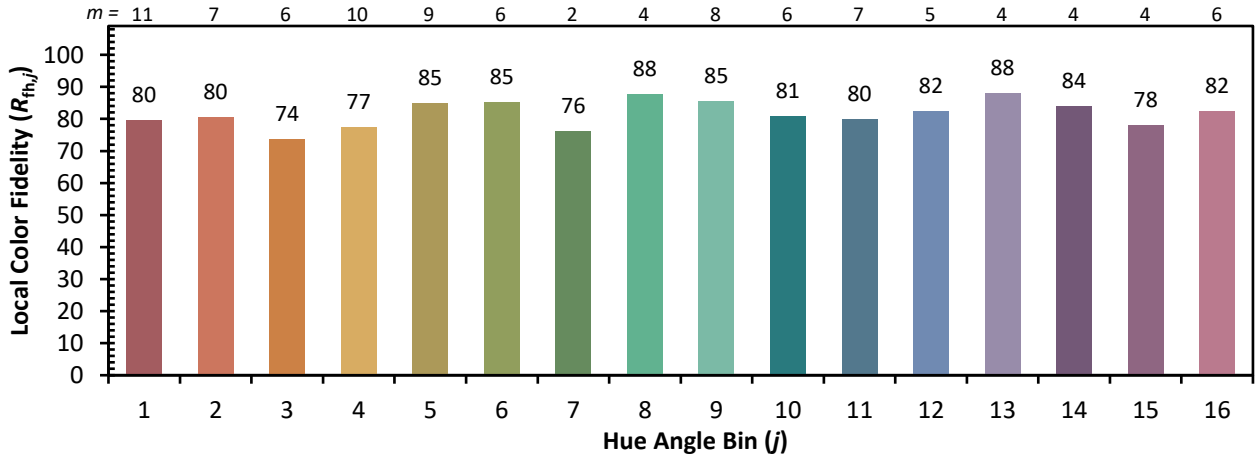
Color Rendition by Hue-Angle Bin







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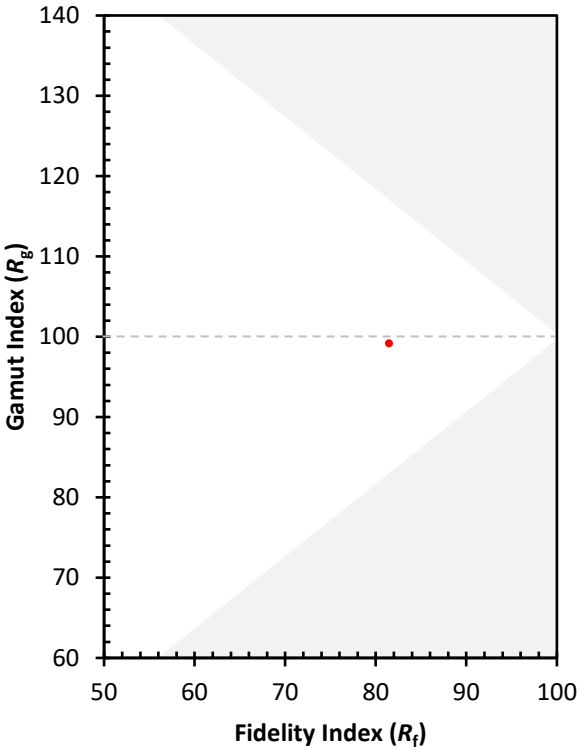
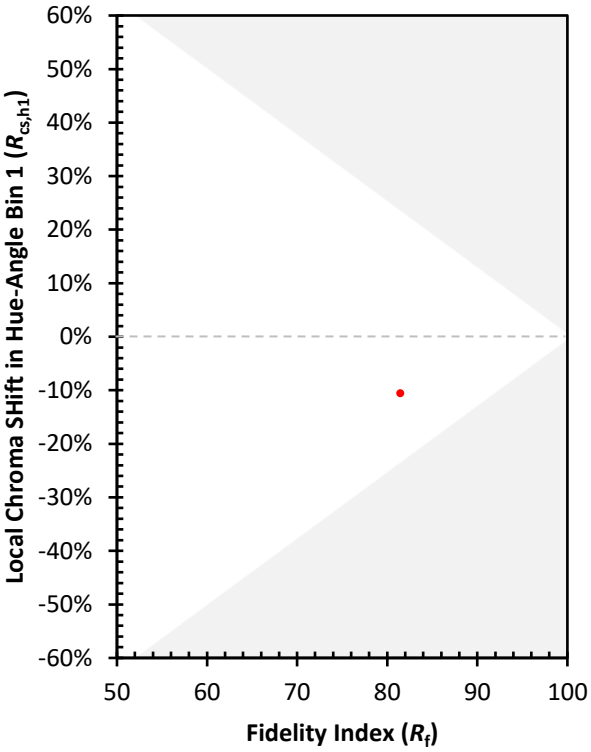
Measure Comparisons





(END OF REPORT)