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: McGRAW-EDISON

Report Number: P1501141

Luminaire Tested: GSS-SB3A-830-U-T3LG

Issue Date: 07/20/2026

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:	P1501141
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11491.2 lumens
Efficiency:	N/A
Efficacy:	135.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

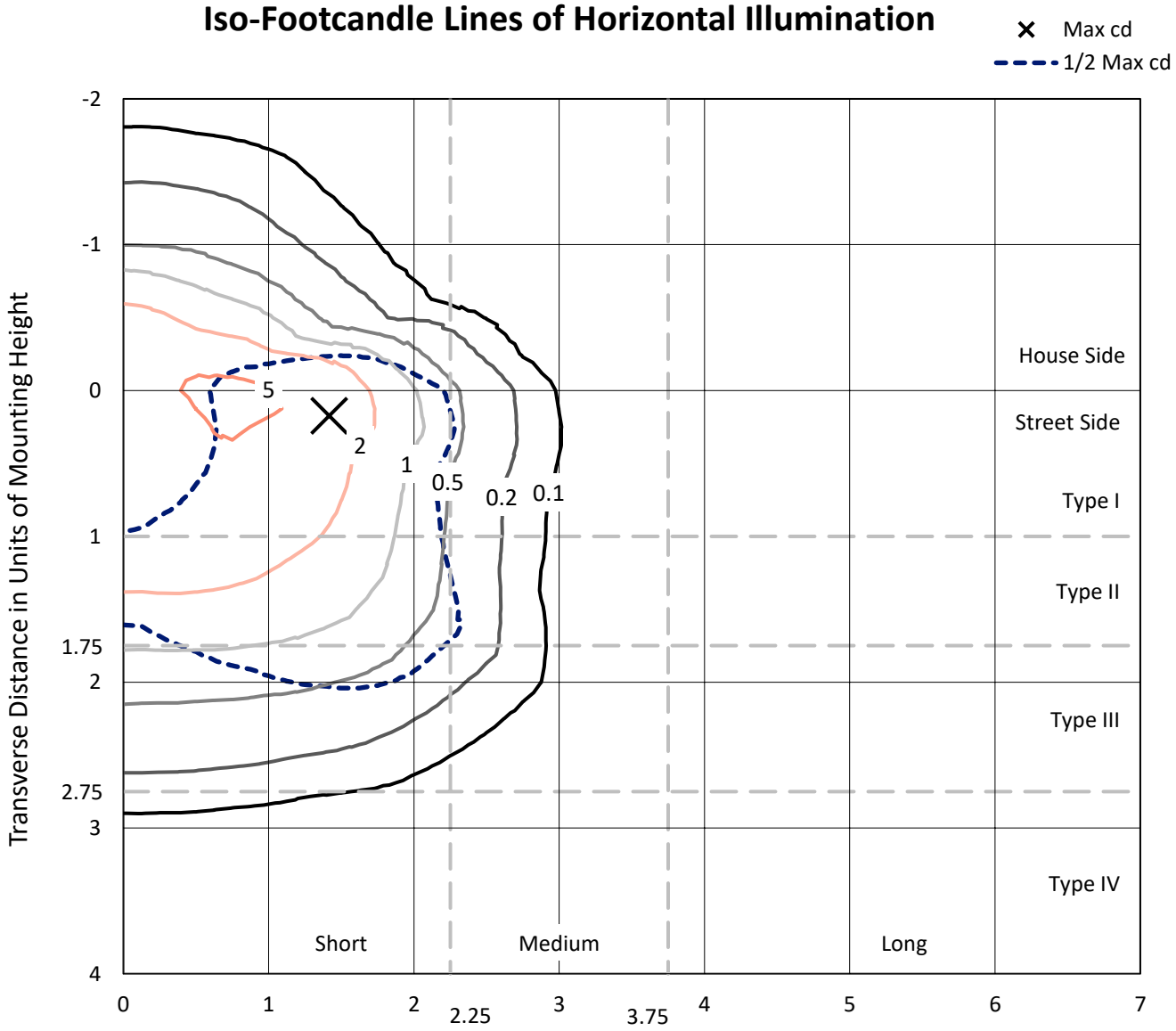
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501141
CATALOG NUMBER: GSS-SB3A-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



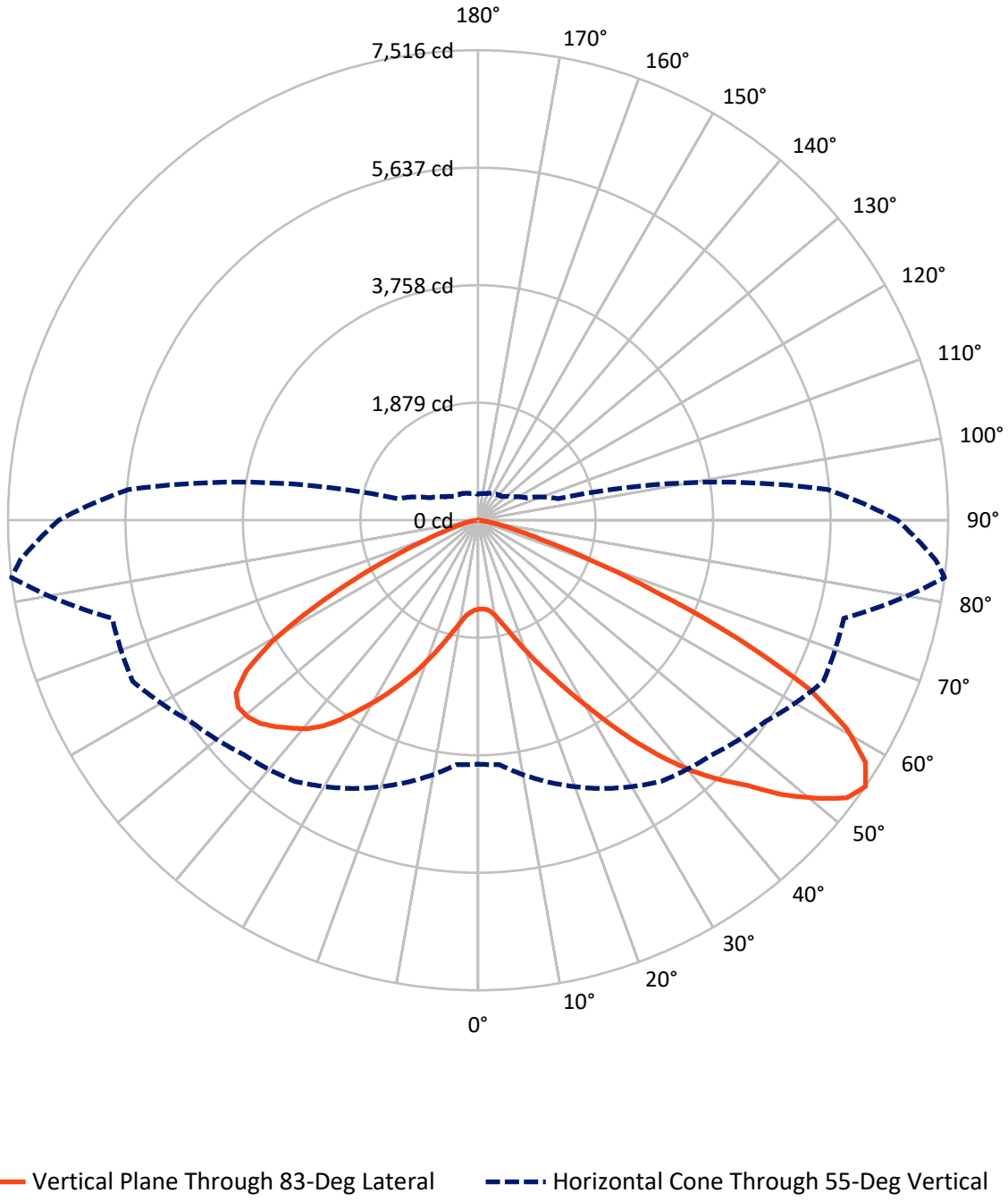
Based on 20 foot mounting height. Maximum calculated value = 6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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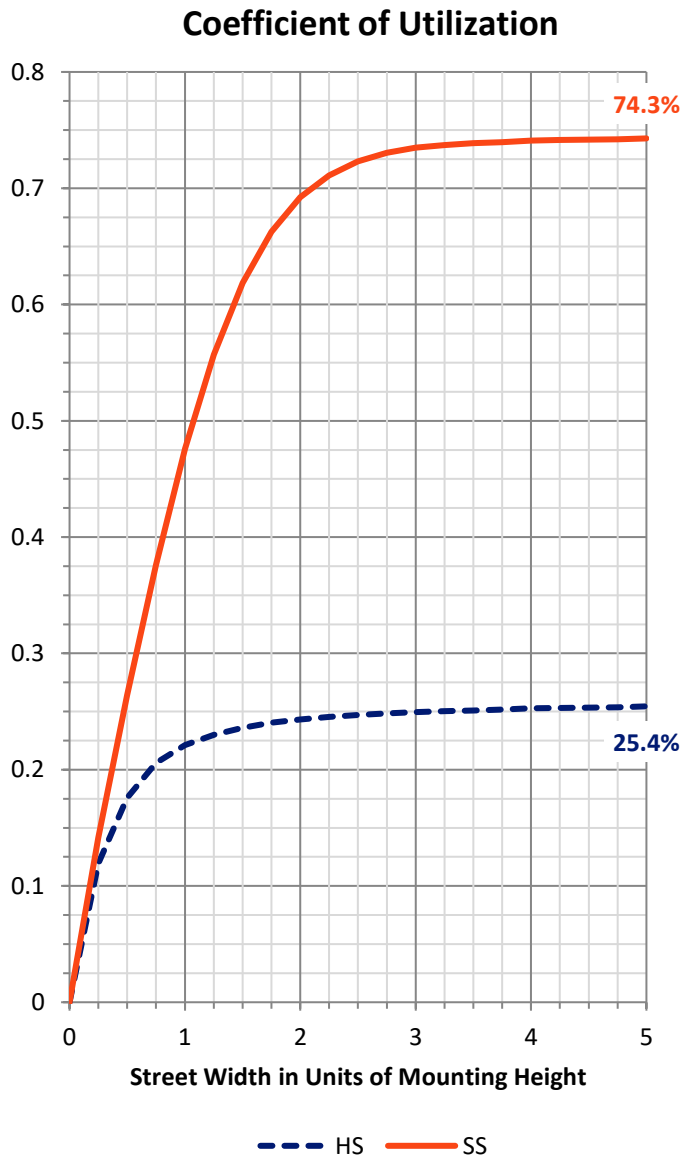
REPORT NUMBER: P1501141
CATALOG NUMBER: GSS-SB3A-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2948.9	0.0	2948.9
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	8542.3	0.0	8542.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	11491.2	0.0	11491.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.4	1.2
10°-20°	447.7	3.9
20°-30°	896.4	7.8
30°-40°	1594.8	13.9
40°-50°	2403.3	20.9
50°-60°	2928.6	25.5
60°-70°	2368.2	20.6
70°-80°	648.6	5.6
80°-90°	66.1	0.6
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°	11491.2	100.0
0°-180°	11491.2	100.0



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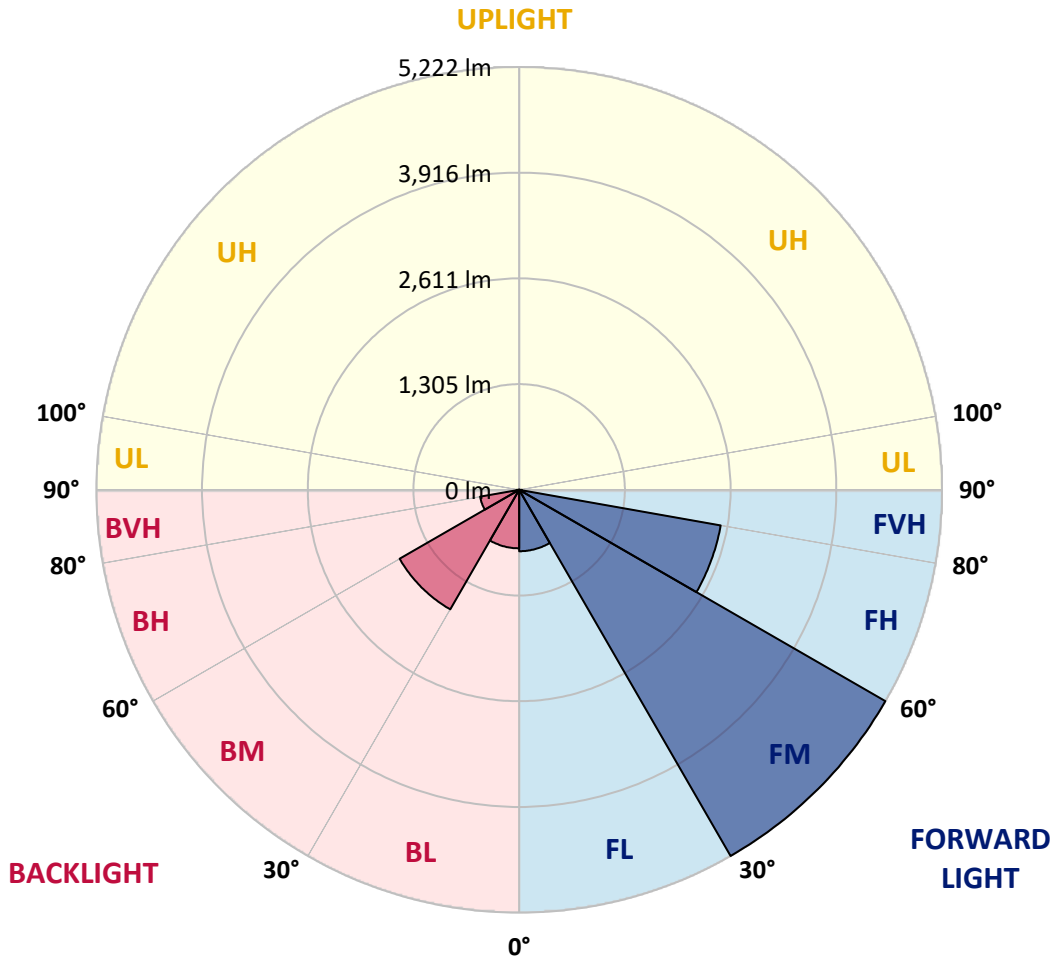
Scaled Data Report

REPORT NUMBER: P1501141
CATALOG NUMBER: GSS-SB3A-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	758.7	6.6			
FM	(30°-60°)	5222.0	45.4			
FH	(60°-80°)	2527.2	22.0			G2/5000
FVH	(80°-90°)	34.4	0.3			G1/100
BL	(0°-30°)	722.8	6.3	B2/1000		
BM	(30°-60°)	1704.8	14.8	B2/2500		
BH	(60°-80°)	489.6	4.3	B1/500		G1/500
BVH	(80°-90°)	31.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	*1422.5*	1422.5
2.5°	1381.6	1379.1	1376.5	1374.0	1379.1	1386.7	1394.4	1399.5	1412.3	*1422.5*	1417.4
5°	1271.8	1266.7	1271.8	1292.2	1310.1	1340.8	1371.4	1391.8	1419.9	*1432.7*	1437.8
7.5°	1174.8	1169.7	1174.8	1200.3	1231.0	1279.5	1343.3	1394.4	1445.5	*1476.1*	1481.2
10°	1174.8	1177.3	1177.3	1187.5	1202.9	1251.4	1328.0	1425.0	1514.4	*1557.8*	1568.1
12.5°	1213.1	1213.1	1213.1	1225.8	1236.1	1274.4	1361.2	1481.2	1624.2	*1688.1*	1695.8
15°	1264.2	1261.6	1269.3	1276.9	1294.8	1333.1	1419.9	1563.0	1744.3	*1841.3*	1851.5
17.5°	1335.7	1330.6	1338.2	1356.1	1381.6	1425.0	1511.9	1675.3	1910.3	*2032.9*	2048.2
20°	1414.8	1412.3	1427.6	1455.7	1491.4	1545.1	1644.7	1810.7	2099.3	*2255.0*	2283.1
22.5°	1509.3	1504.2	1532.3	1583.4	1631.9	1693.2	1813.2	1986.9	2316.3	*2502.8*	2530.9
25°	1616.6	1616.6	1654.9	1716.2	1790.2	1900.1	2020.1	2211.6	2571.7	*2770.9*	2814.3
27.5°	1792.8	1805.6	1820.9	1884.7	1989.4	2137.6	2265.3	2482.3	2850.1	*3100.4*	3115.7
30°	2078.8	2073.7	2099.3	2142.7	2229.5	2385.3	2576.8	2809.2	3202.5	*3465.6*	3503.9
32.5°	2336.8	2344.4	2380.2	2461.9	2566.6	2699.4	2929.3	3215.3	3585.6	*3889.5*	3907.4
35°	2597.3	2602.4	2671.3	2793.9	2949.7	3097.8	3348.1	3629.0	4001.9	*4362.0*	4410.5
37.5°	2962.5	2957.3	3026.3	3131.0	3340.4	3570.3	3772.0	4040.2	4400.3	*4821.7*	4877.8
40°	3235.7	3263.8	3394.1	3526.9	3723.5	3961.0	4132.1	4384.9	4727.2	*5271.1*	5322.2
42.5°	3516.6	3539.6	3713.3	3912.5	4119.3	4280.2	4413.0	4648.0	4987.7	*5669.5*	5697.6
45°	3749.0	3779.7	3978.9	4231.7	4446.2	4609.7	4655.7	4875.3	5253.3	*6052.6*	6096.0
47.5°	3897.2	3930.4	4165.3	4461.6	4681.2	4854.9	4839.5	5148.5	5536.7	*6560.8*	6545.5
50°	3999.3	4019.7	4275.1	4591.8	4877.8	4992.8	5059.2	5457.6	5827.9	*6987.3*	6931.1
52.5°	4073.4	4106.6	4339.0	4686.3	4987.7	5138.3	5317.1	5815.1	6029.6	*7378.0*	7252.9
55°	*3899.7*	*3925.3*	*4333.9*	*4734.8*	*5100.0*	*5299.2*	*5610.8*	*6093.5*	*6055.2*	*7516.0*	*7347.4*
57.5°	3720.9	3741.4	4119.3	4722.1	5222.6	5498.4	5945.3	6129.2	5827.9	*7304.0*	7092.0
60°	3496.2	3511.5	3889.5	4586.7	5225.2	5654.2	6116.4	5868.7	5406.5	*6770.2*	6568.5
62.5°	3082.5	3082.5	3498.8	4221.5	5097.5	5733.4	6070.5	5375.8	4842.1	*5930.0*	5651.7
65°	2673.9	2656.0	2936.9	3570.3	4757.8	5712.9	5725.7	4752.7	3966.1	*4573.9*	4356.9
67.5°	2229.5	2232.1	2398.1	2898.6	3853.7	5286.5	4997.9	3672.4	2763.3	*3079.9*	2967.6
70°	1509.3	1547.6	1716.2	2104.4	2906.3	3746.5	3978.9	2487.4	1723.8	*1912.8*	1820.9
72.5°	574.6	582.3	778.9	1103.3	1836.2	2252.5	2776.0	1391.8	1008.8	*1054.7*	1059.8
75°	242.6	252.8	332.0	464.8	814.7	1228.4	1460.8	704.9	612.9	*630.8*	625.7
77.5°	163.4	168.6	201.8	250.3	367.8	492.9	610.4	398.4	375.4	*352.4*	342.2
80°	122.6	122.6	145.6	168.6	206.9	252.8	265.6	201.8	224.7	*186.4*	181.3
82.5°	79.2	84.3	91.9	99.6	117.5	125.1	107.3	109.8	130.2	*97.0*	91.9
85°	38.3	40.9	43.4	46.0	46.0	43.4	38.3	48.5	66.4	*40.9*	38.3
87.5°	5.1	5.1	5.1	5.1	5.1	5.1	2.6	2.6	2.6	*2.6*	2.6
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: P1501141
CATALOG NUMBER: GSS-SB3A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5	1422.5
2.5°	1425.0	1435.3	1442.9	1448.0	1460.8	1458.2	1465.9	1471.0	1476.1	1483.8	1473.6
5°	1450.6	1468.5	1488.9	1504.2	1519.5	1527.2	1529.8	1534.9	1537.4	1542.5	1540.0
7.5°	1506.8	1527.2	1557.8	1573.2	1585.9	1585.9	1578.3	1575.7	1568.1	1573.2	1573.2
10°	1601.3	1631.9	1665.1	1667.7	1652.3	1634.5	1606.4	1591.0	1570.6	1565.5	1560.4
12.5°	1739.2	1780.0	1805.6	1787.7	1734.1	1667.7	1593.6	1524.6	1471.0	1448.0	1442.9
15°	1895.0	1946.0	1951.1	1900.1	1803.0	1642.1	1486.3	1409.7	1381.6	1381.6	1379.1
17.5°	2109.5	2145.2	2124.8	2002.2	1785.1	1522.1	1409.7	1397.0	1404.6	1414.8	1414.8
20°	2334.2	2375.1	2290.8	2073.7	1675.3	1450.6	1417.4	1427.6	1445.5	1455.7	1453.1
22.5°	2602.4	2622.8	2459.3	2076.3	1557.8	1432.7	1432.7	1445.5	1458.2	1473.6	1473.6
25°	2878.2	2870.5	2615.1	1981.8	1491.4	1427.6	1422.5	1432.7	1437.8	1445.5	1442.9
27.5°	3187.2	3146.3	2735.2	1831.1	1471.0	1412.3	1386.7	1376.5	1381.6	1389.3	1391.8
30°	3542.2	3445.1	2832.2	1736.6	1463.4	1376.5	1315.2	1287.1	1282.0	1292.2	1292.2
32.5°	3953.3	3743.9	2890.9	1723.8	1455.7	1312.7	1231.0	1177.3	1167.1	1172.2	1185.0
35°	4374.7	4104.0	2875.6	1757.0	1458.2	1261.6	1141.6	1070.1	1059.8	1065.0	1077.7
37.5°	4816.5	4446.2	2816.9	1808.1	1437.8	1192.6	1059.8	973.0	957.7	967.9	973.0
40°	5158.8	4734.8	2671.3	1828.6	1402.1	1105.8	965.4	891.3	850.4	847.9	860.6
42.5°	5475.4	4962.1	2513.0	1795.4	1328.0	1013.9	868.3	794.2	730.4	681.9	681.9
45°	5792.1	5192.0	2352.1	1700.9	1205.4	916.8	766.2	666.6	592.5	556.7	559.3
47.5°	6108.8	5414.1	2160.5	1557.8	1082.8	814.7	656.3	577.2	526.1	498.0	498.0
50°	6402.5	5575.0	1915.4	1330.6	942.4	712.5	579.7	533.8	495.4	469.9	464.8
52.5°	6660.4	5682.3	1583.4	1054.7	789.1	597.6	538.9	503.1	475.0	446.9	439.3
55°	*6706.4*	*5610.8*	*1325.4*	*847.9*	*651.2*	*536.3*	*508.2*	*477.6*	*439.3*	*426.5*	*418.8*
57.5°	6422.9	5232.8	1118.6	715.1	556.7	492.9	482.7	446.9	416.3	403.5	395.8
60°	5940.2	4545.8	924.5	612.9	495.4	452.0	464.8	429.0	380.5	372.9	365.2
62.5°	5071.9	3547.3	738.1	515.9	449.5	421.4	434.2	383.1	342.2	332.0	329.4
65°	3943.1	2538.5	620.6	454.6	413.7	390.7	385.6	339.7	309.0	301.4	301.4
67.5°	2753.0	1614.0	518.4	416.3	367.8	352.4	349.9	319.2	298.8	291.1	291.1
70°	1685.5	978.1	436.7	380.5	324.3	296.2	314.1	309.0	278.4	270.7	268.2
72.5°	876.0	584.8	383.1	349.9	273.3	252.8	280.9	283.5	257.9	268.2	265.6
75°	508.2	406.1	334.6	309.0	217.1	212.0	245.2	270.7	250.3	257.9	252.8
77.5°	291.1	260.5	257.9	252.8	171.1	173.7	219.6	242.6	214.5	222.2	204.3
80°	160.9	168.6	178.8	158.3	120.0	135.4	176.2	194.1	163.4	160.9	148.1
82.5°	84.3	104.7	120.0	102.2	69.0	81.7	120.0	120.0	104.7	99.6	97.0
85°	38.3	43.4	56.2	51.1	25.5	30.6	56.2	61.3	53.6	48.5	46.0
87.5°	2.6	2.6	2.6	2.6	2.6	2.6	5.1	7.7	2.6	2.6	2.6
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

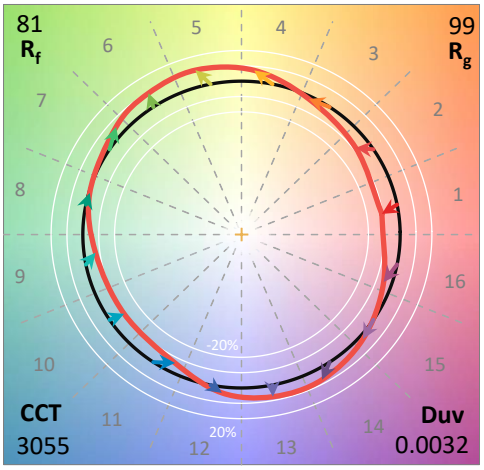
Test Information

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

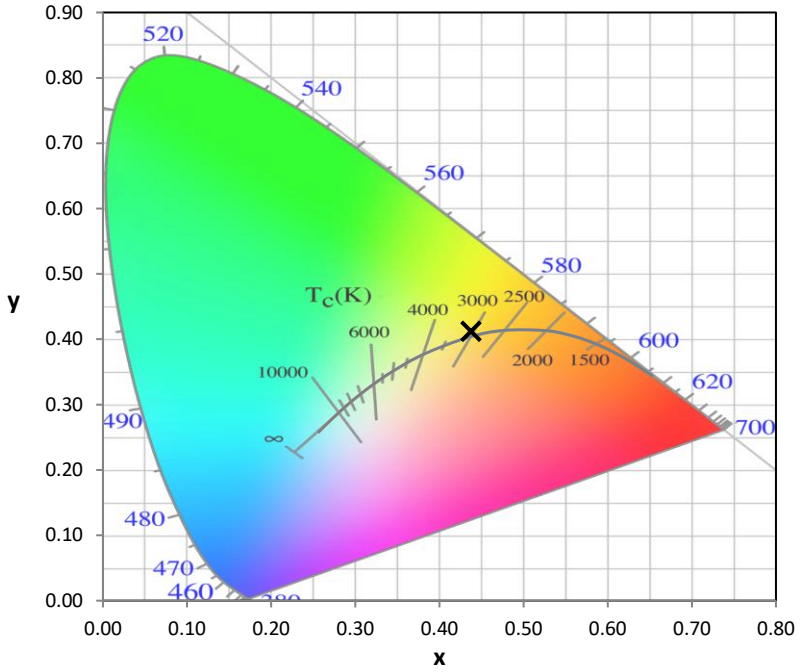
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

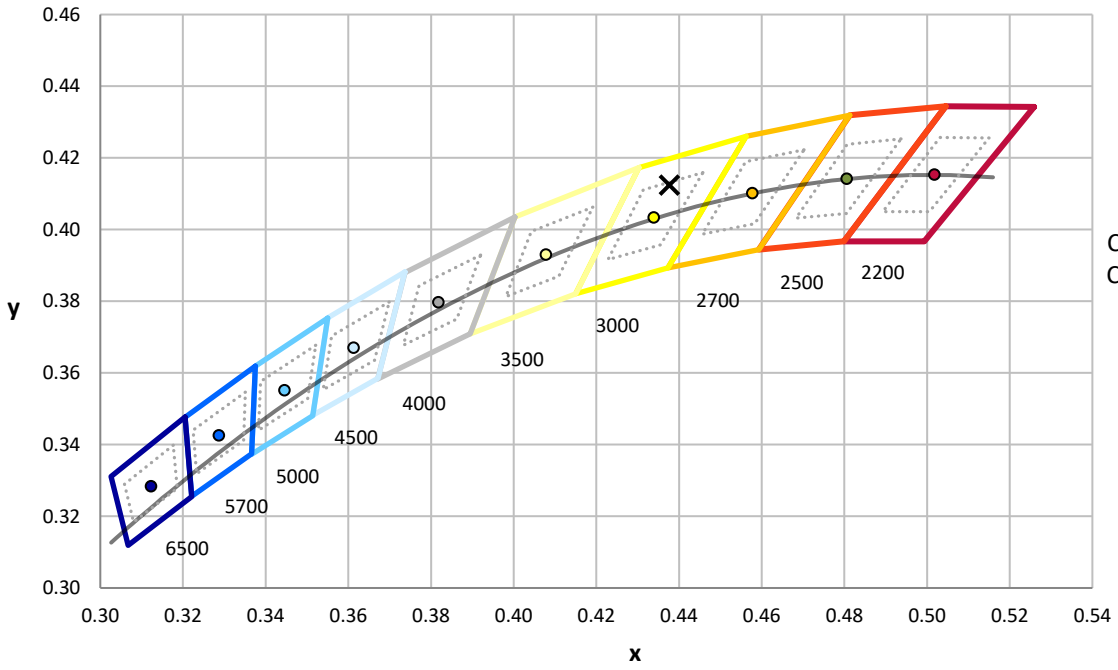
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

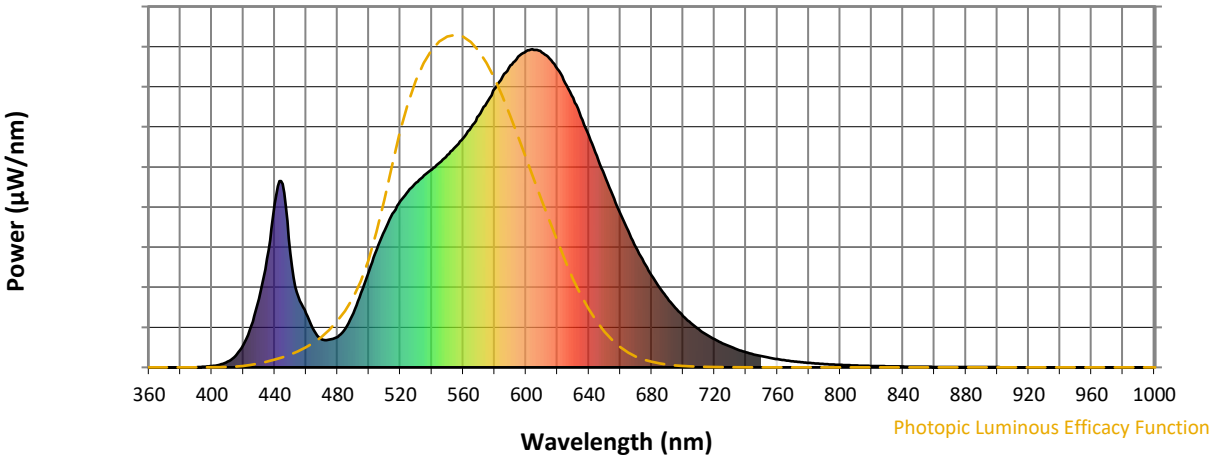


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

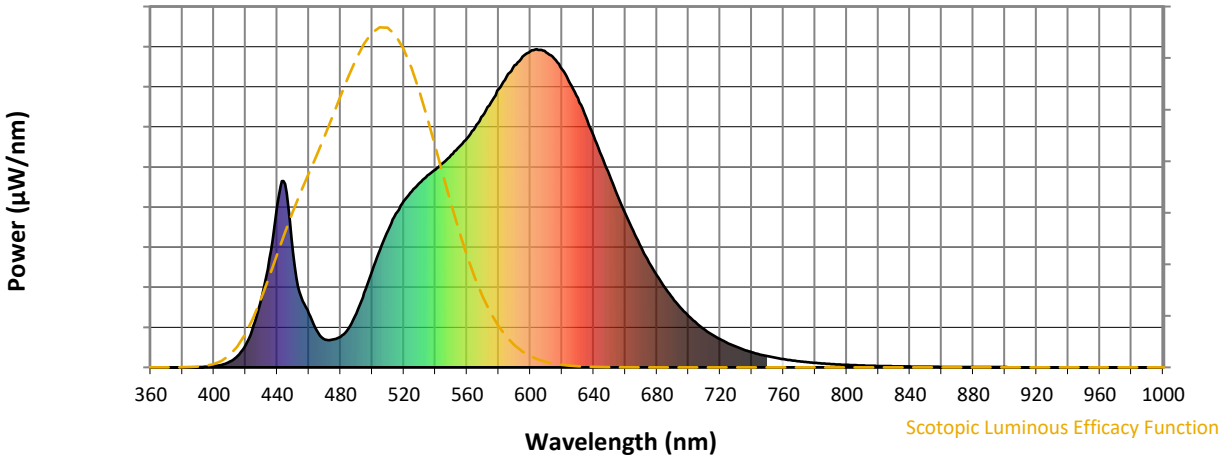


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

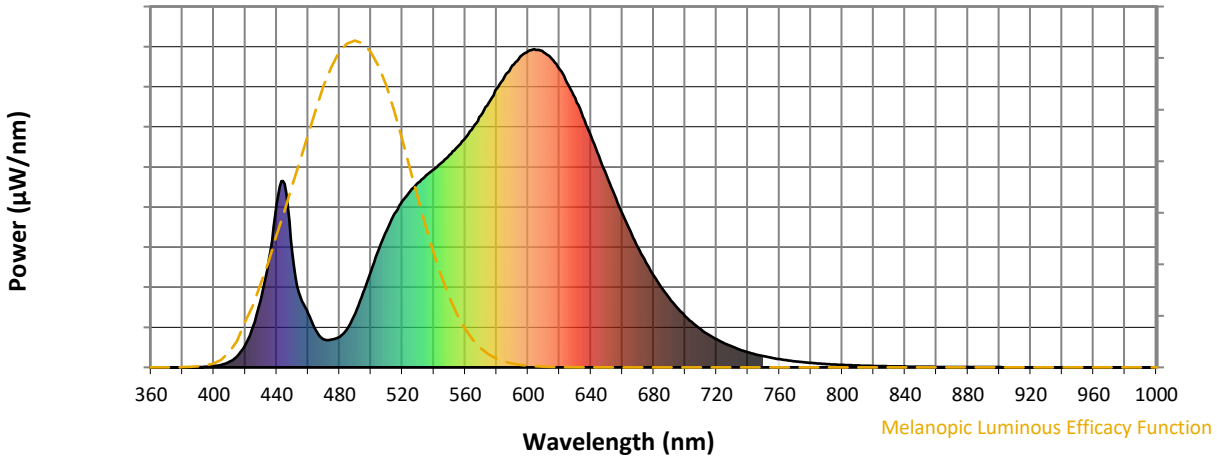


Scotopic Lumens: NR **S/P: 1.28**

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			

REPORT NUMBER: SP1-2407-184-9

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			

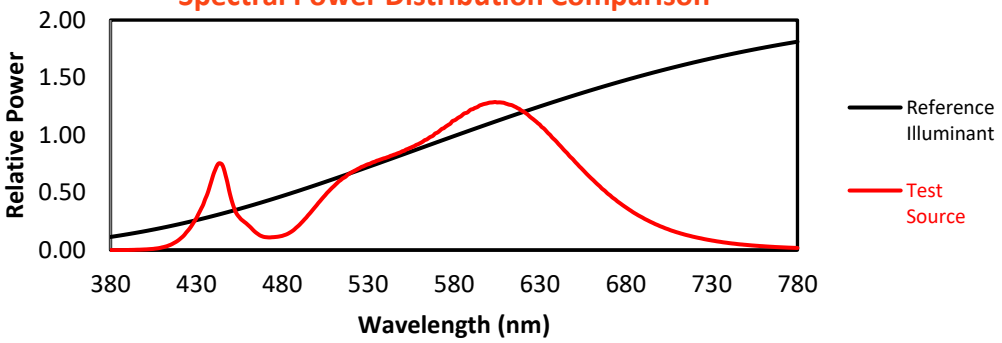
REPORT NUMBER: SP1-2407-184-9

TM-30-18

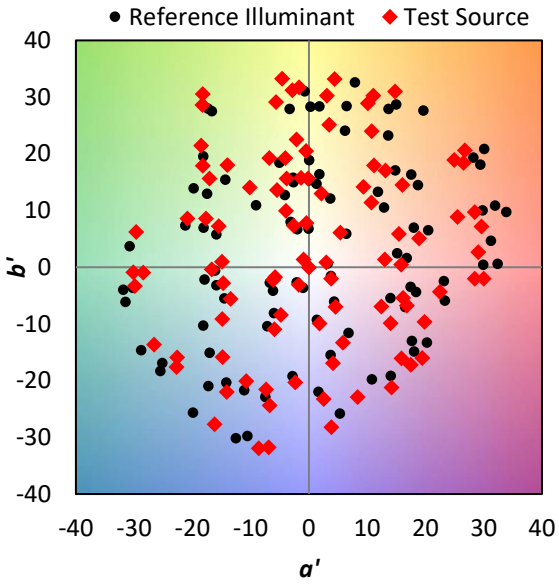
Summary

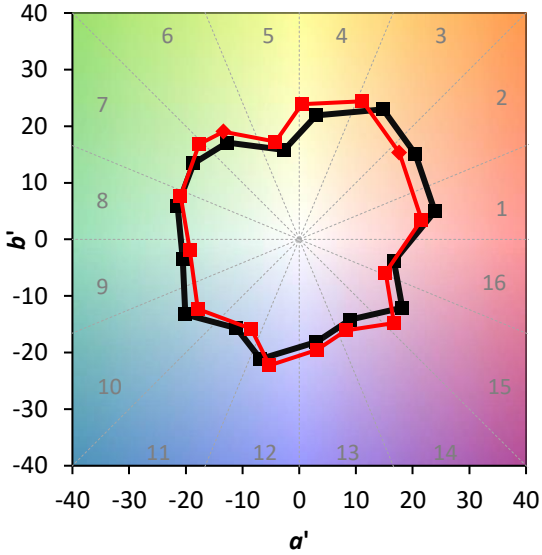
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

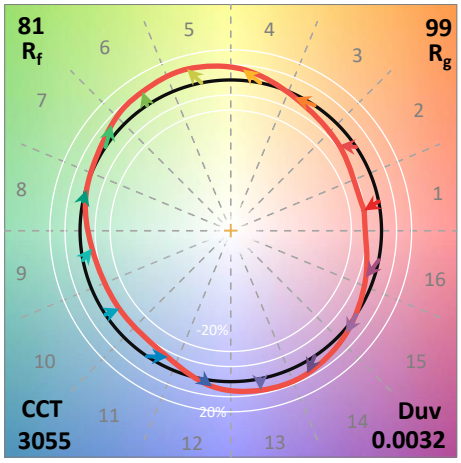
Spectral Power Distribution Comparison

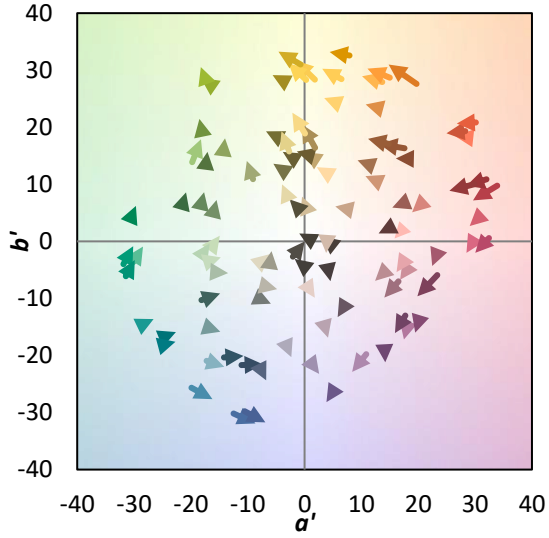


Color Vector Graphics







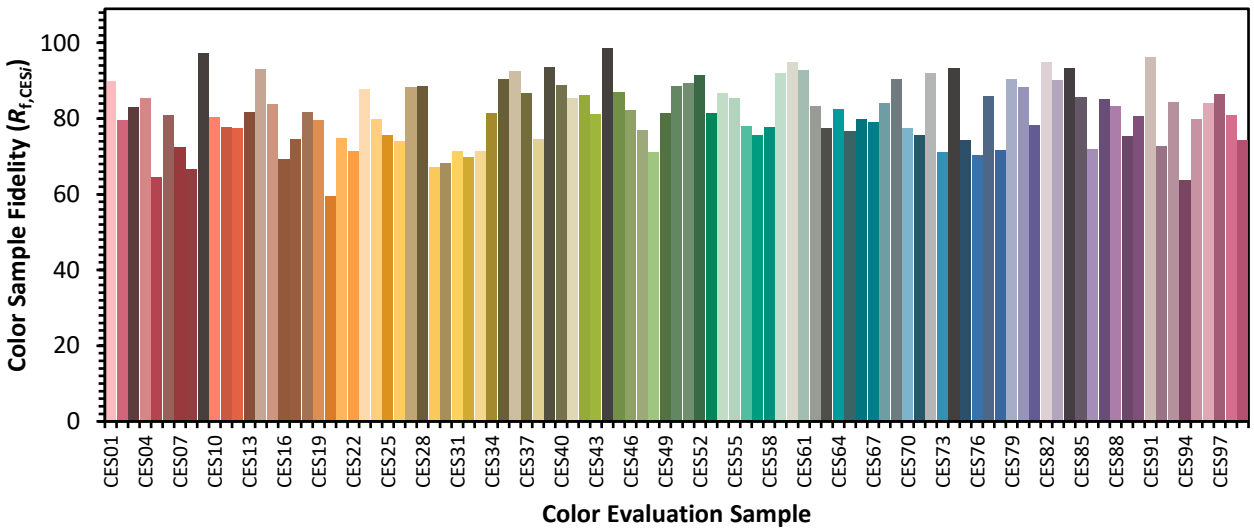


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

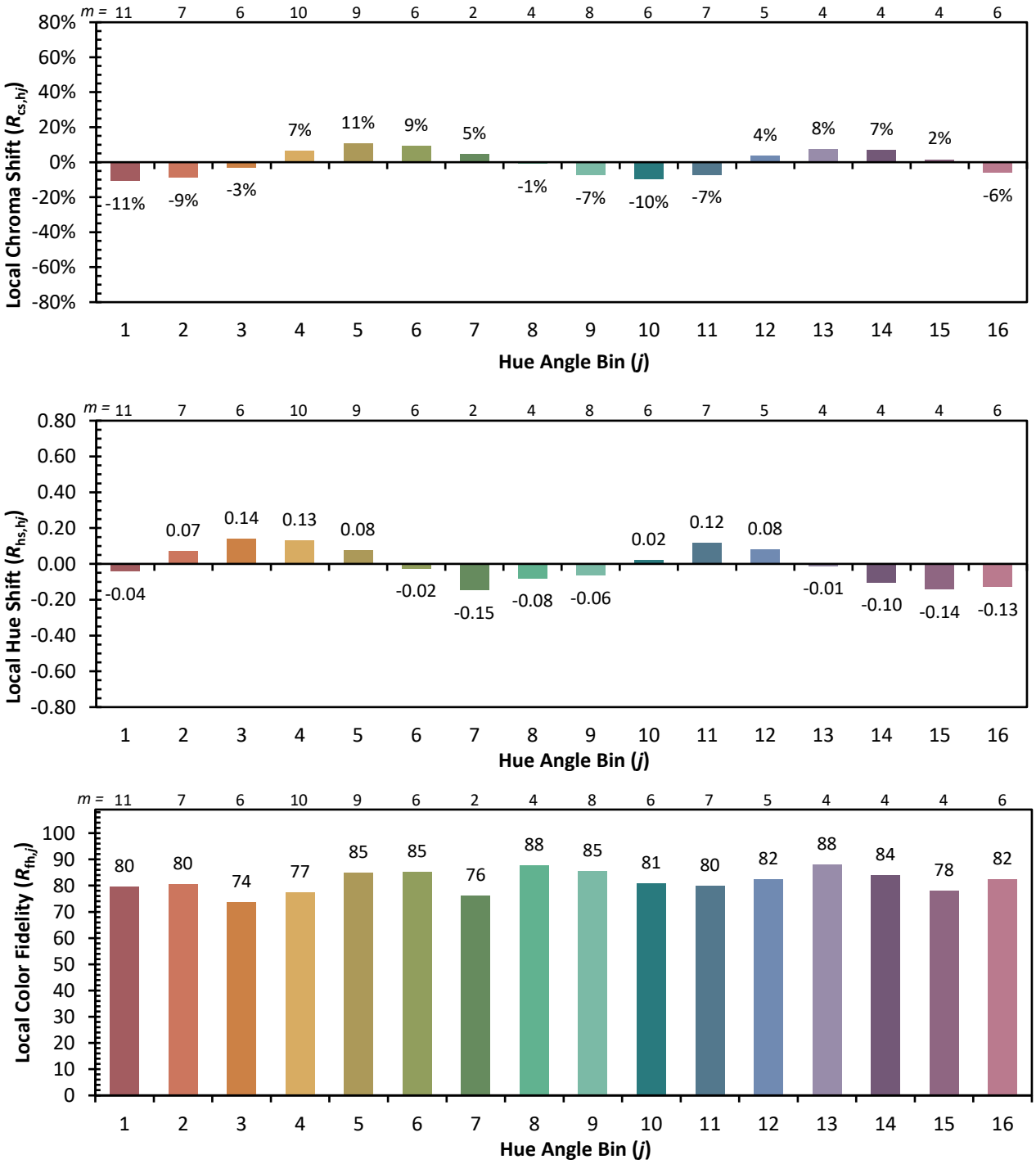
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	



REPORT NUMBER: SP1-2407-184-9

TM-30-18

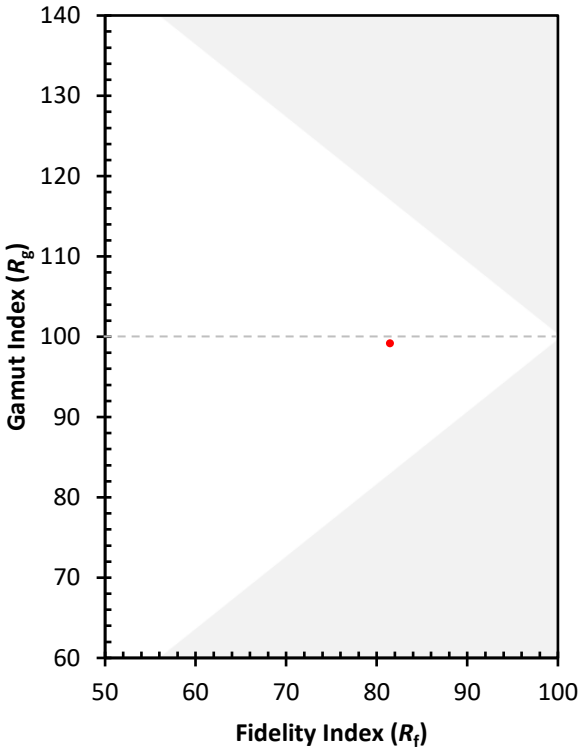
Color Rendition by Hue-Angle Bin

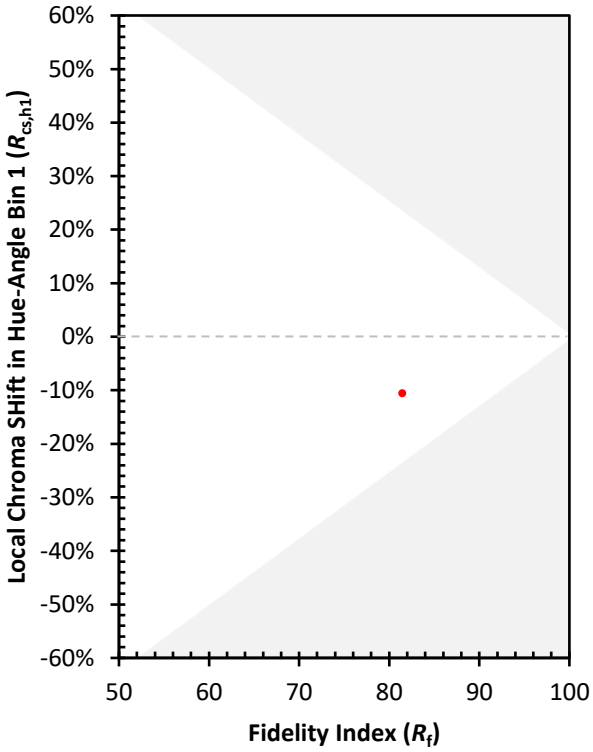


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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