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: P1203499

Luminaire Tested: GWC-SB2C-830-U-T4W

Issue Date: 10/30/2025

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:	P1203499
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13428 lumens
Efficiency:	N/A
Efficacy:	133.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

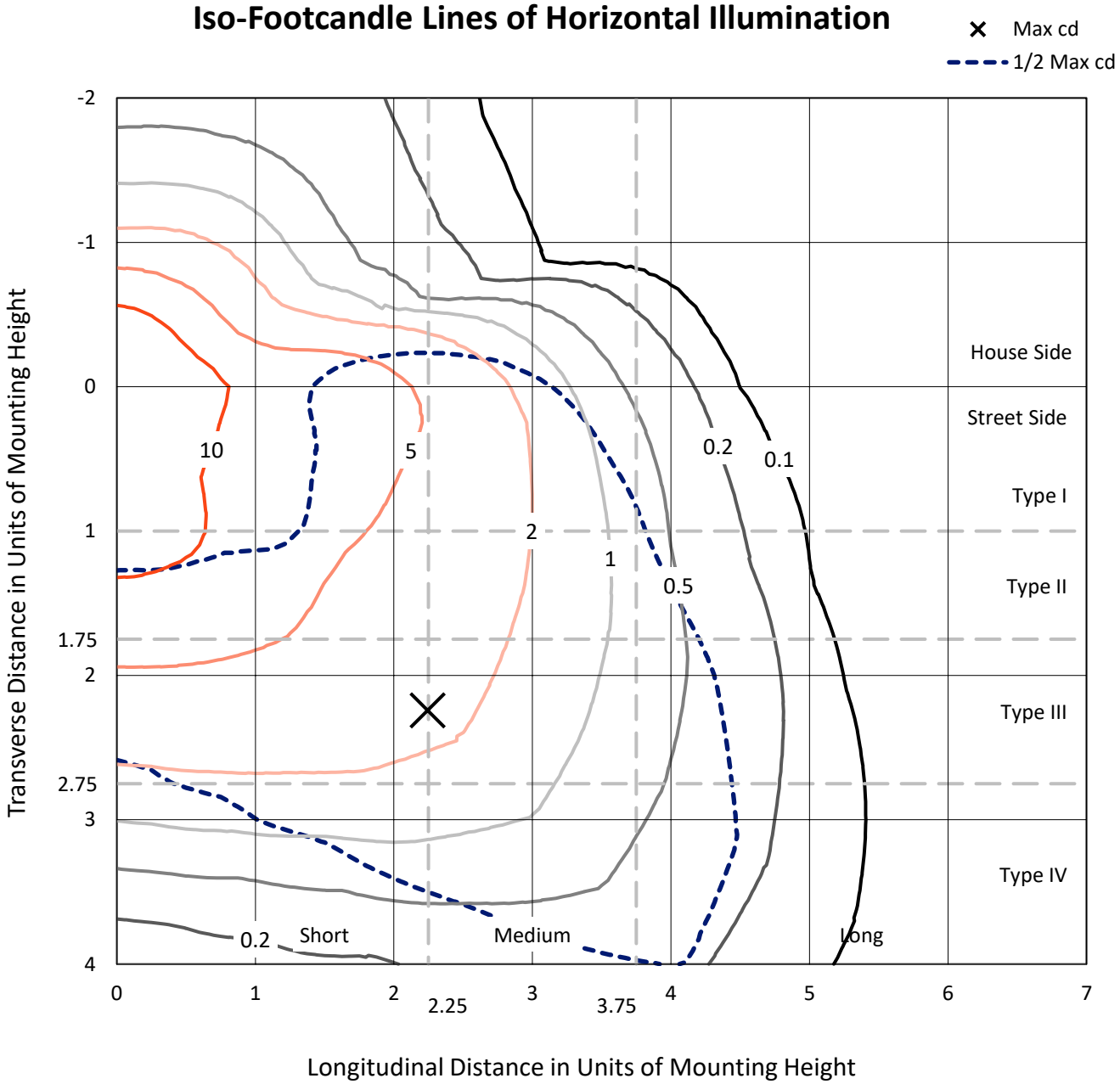


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Scaled Data Report

REPORT NUMBER: P1203499
CATALOG NUMBER: GWC-SB2C-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



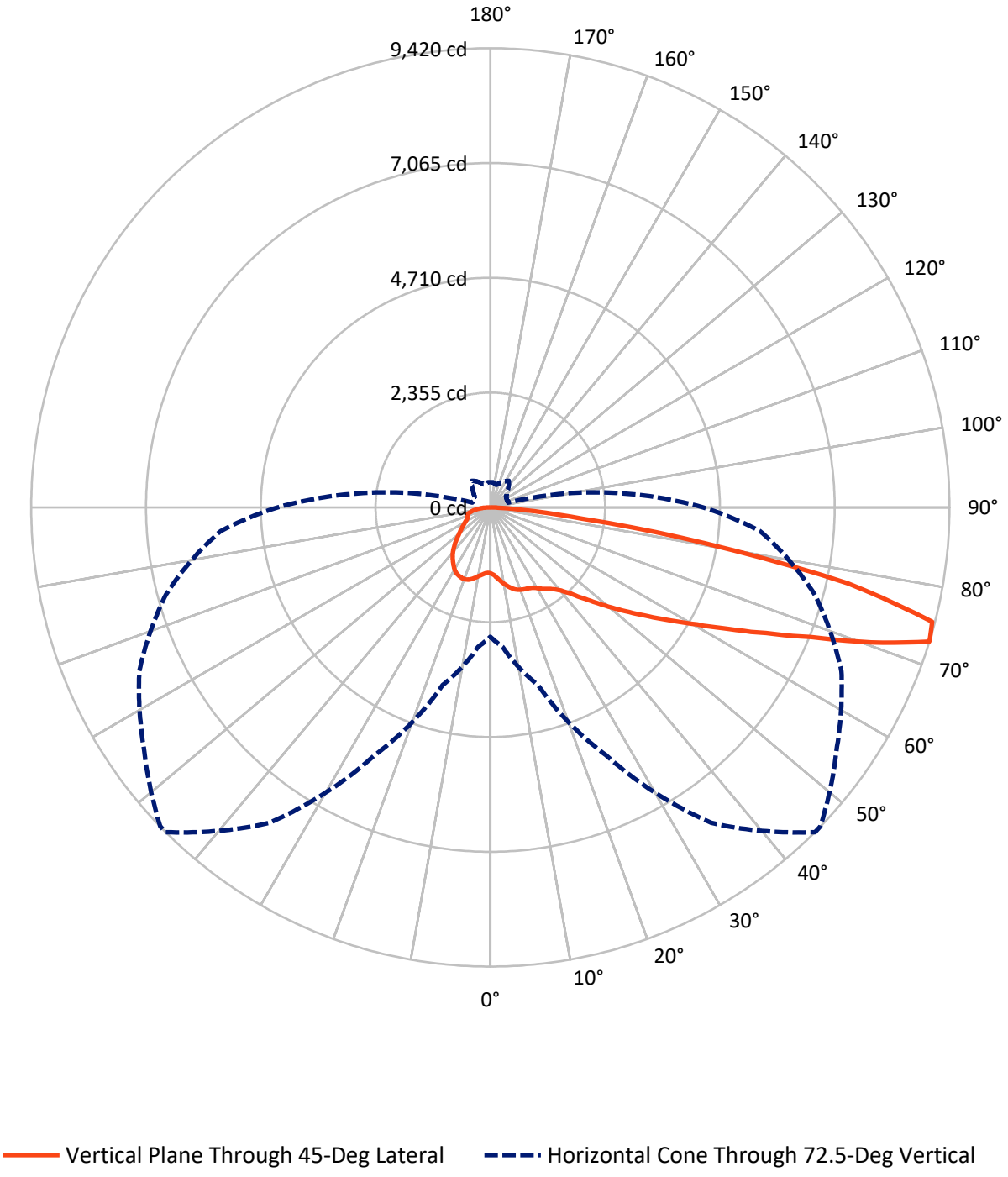
Based on 10 foot mounting height. Maximum calculated value = 15.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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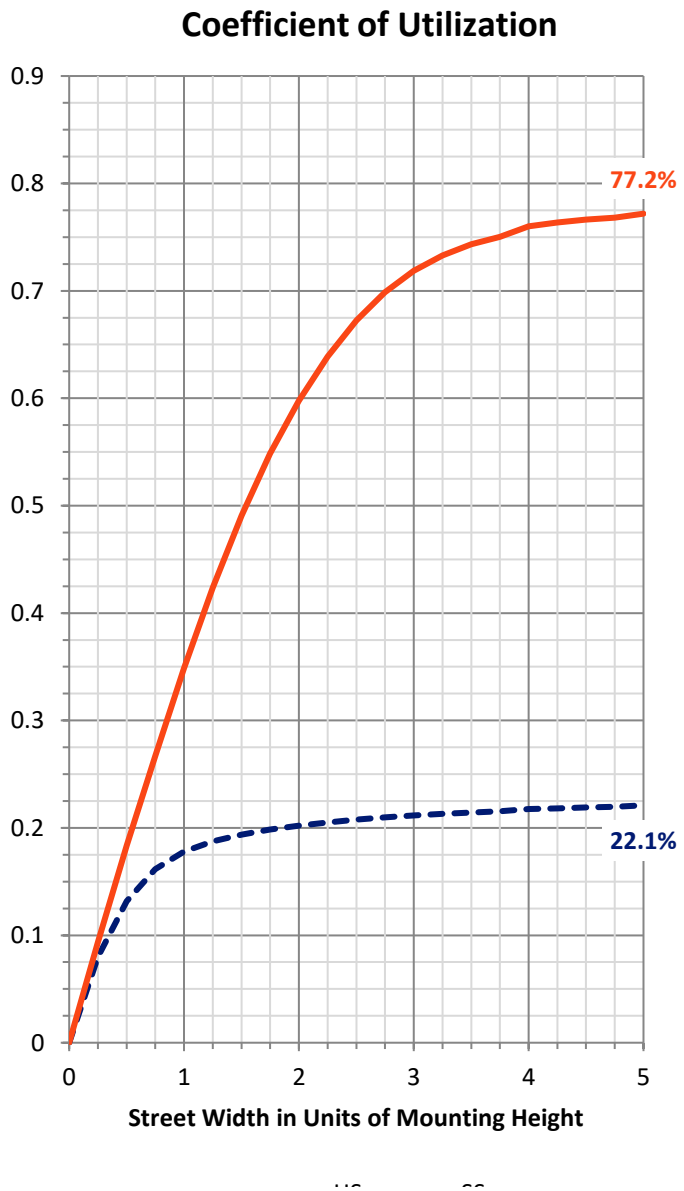
REPORT NUMBER: P1203499
CATALOG NUMBER: GWC-SB2C-830-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3035.6	0.0	3035.6
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	10392.4	0.0	10392.4
	% Fixture	77.4	0.0	77.4
Total	Lumens	13428.0	0.0	13428.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.9	1.0
10°-20°	459.7	3.4
20°-30°	799.7	6.0
30°-40°	1146.4	8.5
40°-50°	1614.1	12.0
50°-60°	2472.4	18.4
60°-70°	3581.6	26.7
70°-80°	2860.1	21.3
80°-90°	356.2	2.7
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°	13428.0	100.0
0°-180°	13428.0	100.0



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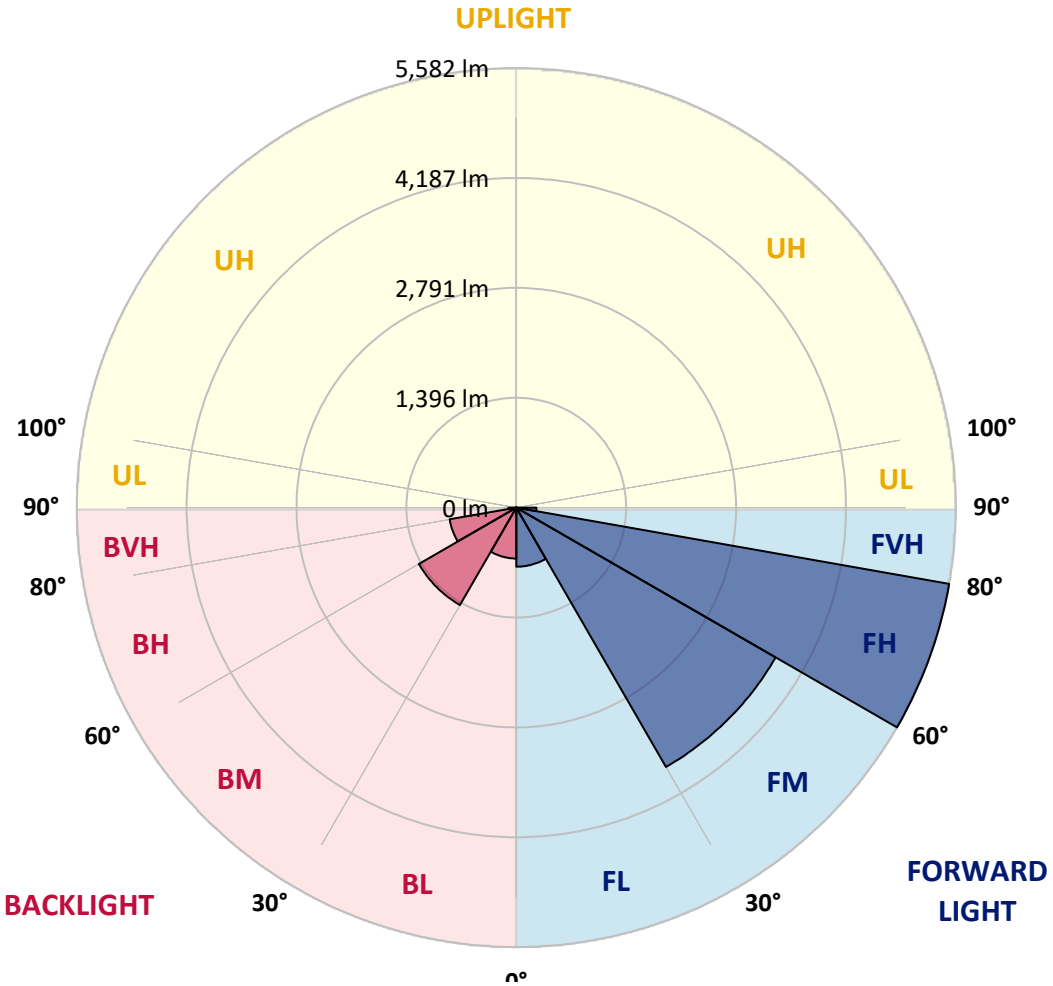
Scaled Data Report

REPORT NUMBER: P1203499
CATALOG NUMBER: GWC-SB2C-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	750.9	5.6			
FM	(30°-60°)	3803.5	28.3			
FH	(60°-80°)	5582.4	41.6			G3/7500
FVH	(80°-90°)	255.6	1.9			G3/500
BL	(0°-30°)	646.3	4.8	B2/1000		
BM	(30°-60°)	1429.3	10.6	B2/2500		
BH	(60°-80°)	859.3	6.4	B2/1000		G2/1000
BVH	(80°-90°)	100.7	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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Scaled Data Report

REPORT NUMBER: P1203499
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1354.6	1354.6	1354.6	1354.6	1354.6	*1354.6*	1354.6	1354.6	1354.6	1354.6	1354.6
2.5°	1407.7	1416.9	1408.4	1400.6	1397.1	*1387.9*	1387.2	1381.5	1378.0	1368.1	1365.2
5°	1506.0	1518.0	1503.9	1488.3	1474.2	*1451.5*	1448.7	1432.4	1414.0	1392.8	1380.8
7.5°	1617.1	1627.7	1611.4	1588.1	1563.3	*1525.8*	1525.1	1495.4	1466.4	1430.3	1409.8
10°	1714.0	1728.1	1706.2	1674.4	1643.2	*1600.8*	1595.8	1561.9	1525.1	1478.4	1447.3
12.5°	1799.6	1809.5	1788.2	1749.3	1713.3	*1670.8*	1664.5	1627.0	1585.9	1532.9	1493.3
15°	1867.5	1880.2	1851.9	1810.2	1772.0	*1730.2*	1724.6	1690.6	1649.6	1593.7	1542.8
17.5°	1912.0	1922.6	1893.6	1847.0	1810.2	*1775.5*	1771.3	1743.0	1706.9	1650.3	1595.8
20°	1929.0	1940.3	1909.9	1862.5	1828.6	*1801.7*	1799.6	1779.0	1754.3	1702.7	1647.5
22.5°	1946.0	1956.6	1917.0	1867.5	1837.8	*1820.8*	1820.1	1806.6	1796.7	1754.3	1700.5
25°	2014.6	2017.4	1964.4	1892.9	1850.5	*1835.6*	1834.9	1834.2	1838.5	1805.2	1757.8
27.5°	2074.0	2073.3	2028.0	1960.8	1895.1	*1863.9*	1863.2	1870.3	1883.7	1856.2	1817.2
30°	2161.0	2153.3	2099.5	2029.5	1969.3	*1921.2*	1917.0	1910.6	1921.2	1899.3	1876.7
32.5°	2345.7	2320.9	2233.9	2109.4	2030.9	*1994.1*	1988.4	1948.8	1953.1	1939.6	1928.3
35°	2610.2	2577.7	2461.7	2260.8	2107.3	*2054.9*	2052.1	2001.9	1993.4	1981.4	1985.6
37.5°	2925.0	2884.7	2749.6	2480.1	2238.8	*2125.7*	2121.4	2076.1	2041.5	2028.8	2052.8
40°	3241.2	3190.3	3078.5	2747.4	2432.7	*2243.8*	2230.4	2161.7	2122.1	2100.9	2151.8
42.5°	3548.2	3505.8	3410.3	3047.4	2671.8	*2416.4*	2386.7	2269.3	2239.6	2219.7	2311.7
45°	3819.8	3781.6	3711.6	3367.8	2951.9	*2651.2*	2622.2	2430.5	2421.3	2421.3	2554.3
47.5°	4040.5	4032.0	3957.8	3694.6	3282.2	*2918.6*	2868.4	2654.8	2679.5	2717.7	2898.8
50°	4285.3	4261.9	4182.7	4016.5	3670.6	*3224.9*	3183.9	2929.9	3022.6	3127.3	3396.8
52.5°	4510.2	4523.0	4434.5	4351.8	4109.1	*3566.6*	3494.4	3254.6	3454.8	3628.1	3980.4
55°	4741.5	4742.2	4717.5	4706.2	4568.9	*3944.3*	3865.1	3645.1	3963.4	4178.5	4660.9
57.5°	4958.7	4960.1	4996.9	5096.6	5102.3	*4380.1*	4290.2	4124.7	4528.6	4747.9	5362.6
60°	5152.5	5162.4	5262.9	5496.3	5571.3	*4879.5*	4794.6	4691.3	5112.9	5333.6	6100.4
62.5°	5217.6	5253.7	5477.2	5809.0	6034.6	*5492.1*	5408.6	5347.1	5726.9	5932.0	6717.2
65°	5107.3	5190.0	5622.2	6067.2	6511.4	*6220.0*	6137.2	6070.0	6365.0	6558.1	7223.7
67.5°	4836.3	4943.1	5613.7	6338.1	7090.0	*7095.7*	7018.6	6860.8	7049.0	7123.3	7388.5
70°	4122.6	4282.5	5119.3	6439.2	7754.2	*8293.3*	8219.0	7813.0	7731.6	7372.3	6924.5
72.5°	*2656.2*	*2871.2*	*3769.6*	*5606.7*	*7902.1*	*9420.1*	*9415.9*	*8672.4*	*7947.4*	*6888.4*	*5553.6*
75°	969.1	1100.7	1751.5	3519.2	6633.1	*9362.8*	9390.4	8525.3	7254.8	5320.9	3459.8
77.5°	353.0	386.2	571.6	1352.5	4079.4	*7512.3*	7569.6	6815.6	5163.8	2670.3	1370.9
80°	185.3	203.7	292.9	524.9	1747.9	*4461.4*	4551.3	4050.4	2427.0	804.3	411.0
82.5°	102.6	111.1	164.1	285.1	787.3	*1907.8*	1961.6	1600.1	853.8	341.0	169.8
85°	55.2	58.7	77.1	155.6	384.8	*661.4*	676.3	478.2	340.2	200.2	82.1
87.5°	16.3	19.8	25.5	49.5	150.7	*148.5*	152.1	94.8	134.4	101.2	26.9
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: P1203499
CATALOG NUMBER: GWC-SB2C-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6	1354.6
2.5°	1361.0	1358.9	1351.1	1347.6	1343.3	1342.6	1346.1	1346.8	1347.6	1348.3	1351.1
5°	1373.7	1366.6	1359.6	1355.3	1356.7	1357.5	1364.5	1369.5	1373.0	1375.8	1377.3
7.5°	1398.5	1392.8	1380.8	1380.1	1382.2	1388.6	1397.8	1409.1	1415.5	1420.4	1421.8
10°	1435.3	1424.7	1410.5	1412.6	1416.9	1426.1	1445.2	1454.4	1465.0	1474.2	1472.0
12.5°	1472.8	1463.6	1447.3	1448.7	1455.8	1472.0	1490.4	1501.8	1508.8	1515.9	1518.7
15°	1521.6	1505.3	1487.6	1487.6	1500.3	1518.0	1526.5	1535.7	1540.0	1547.7	1550.6
17.5°	1571.8	1550.6	1527.2	1525.8	1541.4	1549.9	1554.8	1556.2	1557.6	1566.1	1569.0
20°	1622.0	1598.7	1565.4	1562.6	1566.1	1564.7	1564.0	1562.6	1564.7	1575.3	1579.6
22.5°	1671.5	1644.6	1598.7	1585.9	1576.0	1562.6	1561.9	1561.2	1562.6	1573.2	1580.3
25°	1729.5	1697.0	1635.5	1597.3	1564.0	1545.6	1547.7	1548.4	1549.9	1558.3	1569.7
27.5°	1792.5	1756.4	1669.4	1593.7	1533.6	1520.9	1517.3	1519.4	1524.4	1537.8	1551.3
30°	1855.4	1813.0	1700.5	1579.6	1495.4	1477.7	1466.4	1471.3	1486.9	1500.3	1515.2
32.5°	1912.7	1870.3	1725.3	1548.4	1446.6	1419.0	1404.1	1410.5	1426.1	1431.0	1448.7
35°	1979.9	1931.8	1735.9	1498.9	1393.5	1351.1	1331.3	1322.1	1329.9	1324.9	1340.5
37.5°	2054.9	2004.7	1734.5	1433.8	1331.3	1282.5	1254.9	1220.2	1204.0	1187.0	1197.6
40°	2166.0	2093.8	1717.5	1355.3	1254.2	1209.6	1160.1	1101.4	1064.6	1031.4	1033.5
42.5°	2317.4	2217.6	1686.4	1269.0	1167.2	1125.4	1058.2	989.6	931.6	876.4	871.5
45°	2543.0	2379.6	1647.5	1177.1	1073.1	1032.1	959.2	882.1	816.3	745.6	737.1
47.5°	2868.4	2597.5	1610.7	1072.4	974.1	936.6	870.8	799.3	721.5	652.9	645.1
50°	3315.5	2910.1	1576.7	970.5	876.4	848.1	795.8	722.9	644.4	589.2	585.7
52.5°	3884.2	3335.3	1562.6	872.2	785.2	774.6	732.8	664.9	590.7	544.0	540.4
55°	4537.1	3843.9	1562.6	778.1	705.3	708.8	679.8	616.8	552.5	510.7	506.5
57.5°	5203.5	4358.8	1534.3	691.1	637.3	652.2	633.8	578.6	520.6	477.5	470.4
60°	5817.5	4790.3	1419.7	611.9	577.2	600.6	588.5	541.1	470.4	434.3	428.7
62.5°	6289.3	5033.7	1199.0	548.9	527.7	554.6	548.2	491.6	461.2	446.4	441.4
65°	6525.5	4994.1	916.8	493.0	486.0	527.7	514.3	512.1	488.1	471.1	465.5
67.5°	6380.5	4653.1	664.9	452.0	461.9	502.9	554.6	563.1	518.5	485.3	479.6
70°	5744.6	4036.3	495.2	413.1	431.5	503.7	632.4	589.2	508.6	469.7	463.3
72.5°	*4370.2*	*3009.9*	*384.1*	*372.1*	*391.9*	*507.2*	*667.1*	*577.2*	*480.3*	*519.2*	*515.0*
75°	2499.2	1652.4	308.4	321.9	342.4	473.9	649.4	546.1	458.4	476.8	476.8
77.5°	952.8	635.2	254.7	272.3	275.2	413.8	621.1	544.0	436.5	425.8	388.3
80°	330.3	248.3	210.8	216.5	212.9	367.8	595.6	473.2	357.2	319.7	309.1
82.5°	135.1	123.8	166.9	159.9	151.4	285.8	481.0	386.9	292.1	258.2	255.4
85°	58.7	78.5	110.4	96.9	87.7	198.1	385.5	327.5	246.9	212.9	212.2
87.5°	12.0	29.7	46.7	43.9	45.3	132.3	273.8	232.7	174.7	130.9	102.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

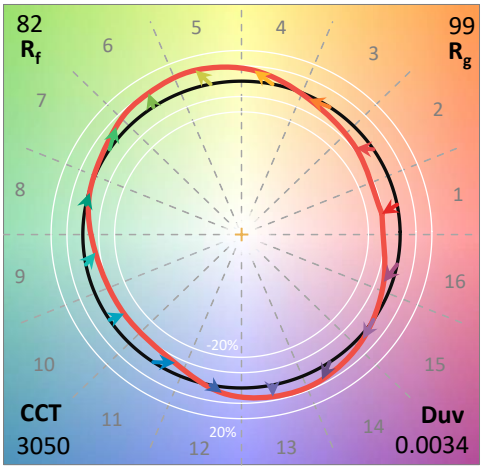
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

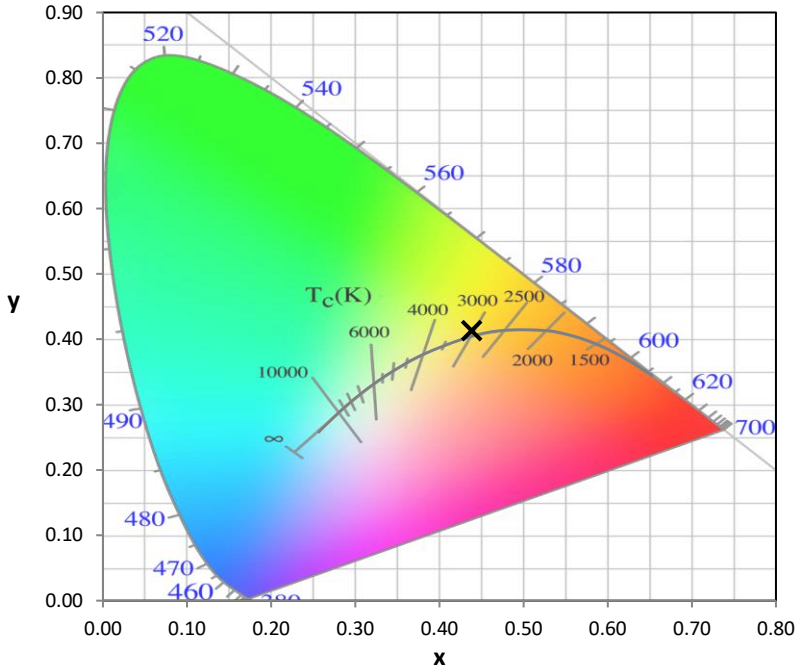
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

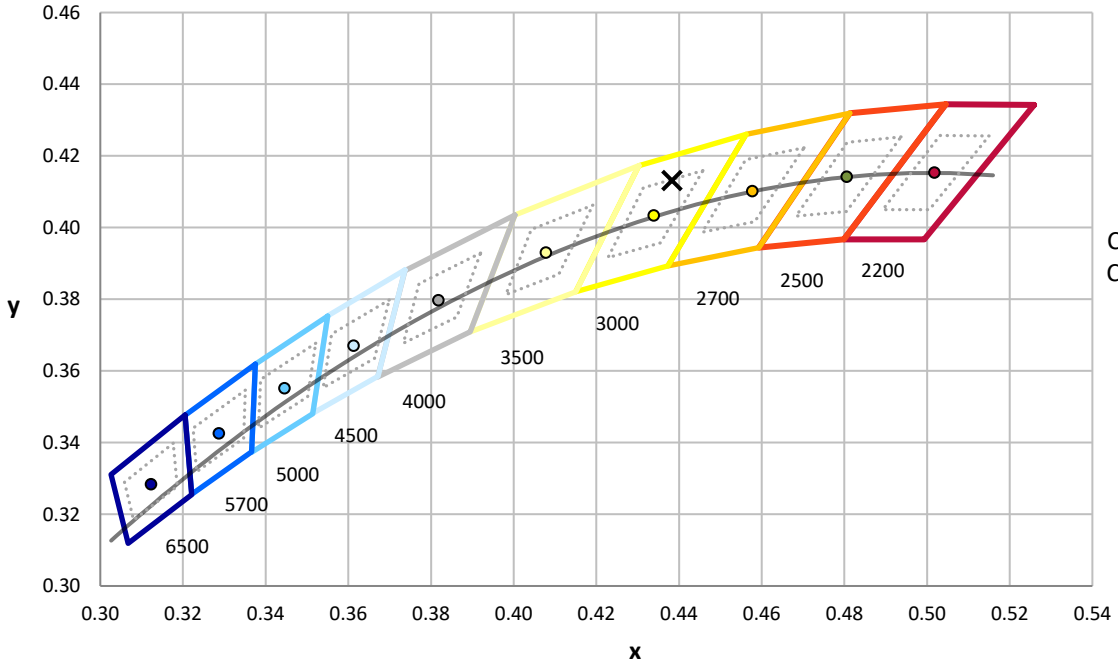
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

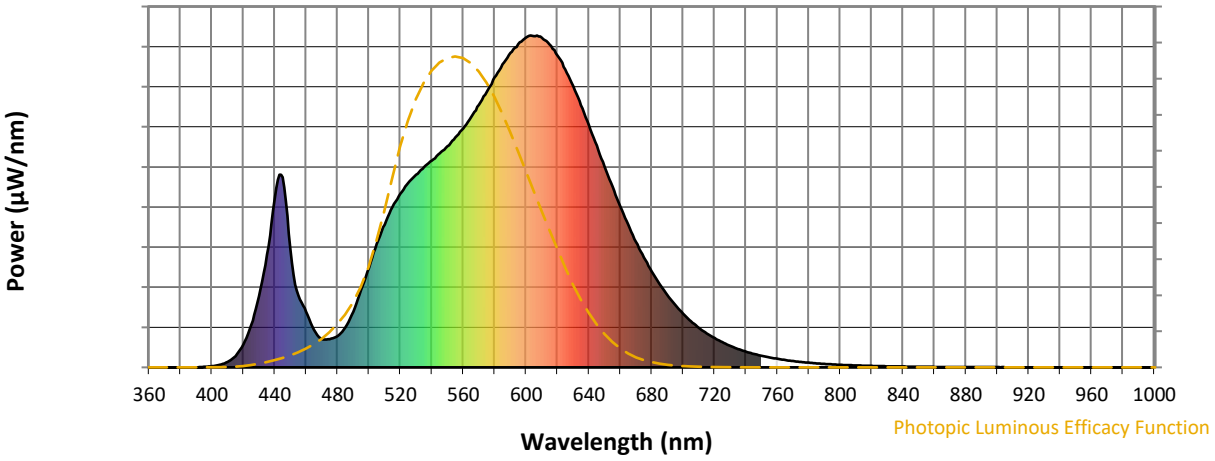


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

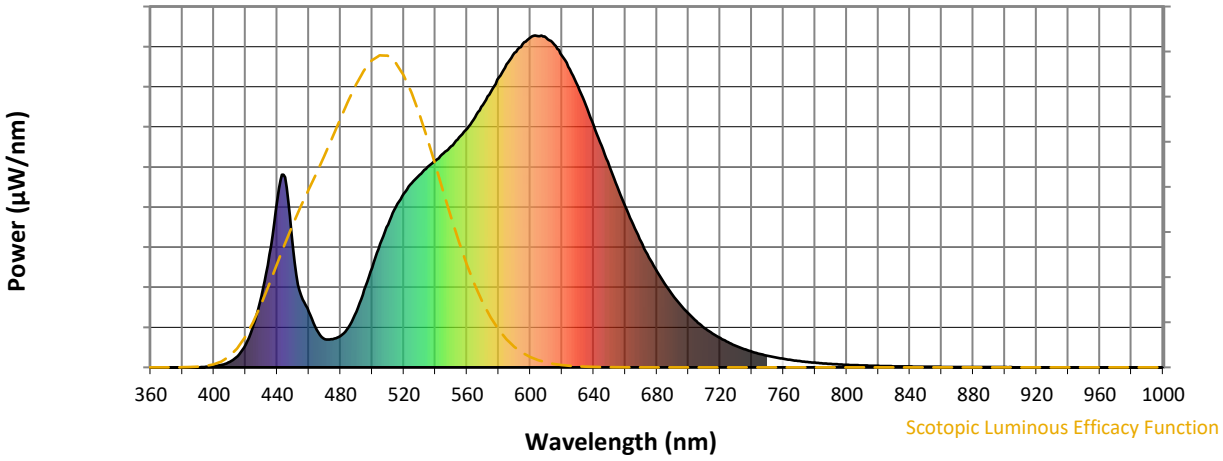


Photopic Lumens: NR

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

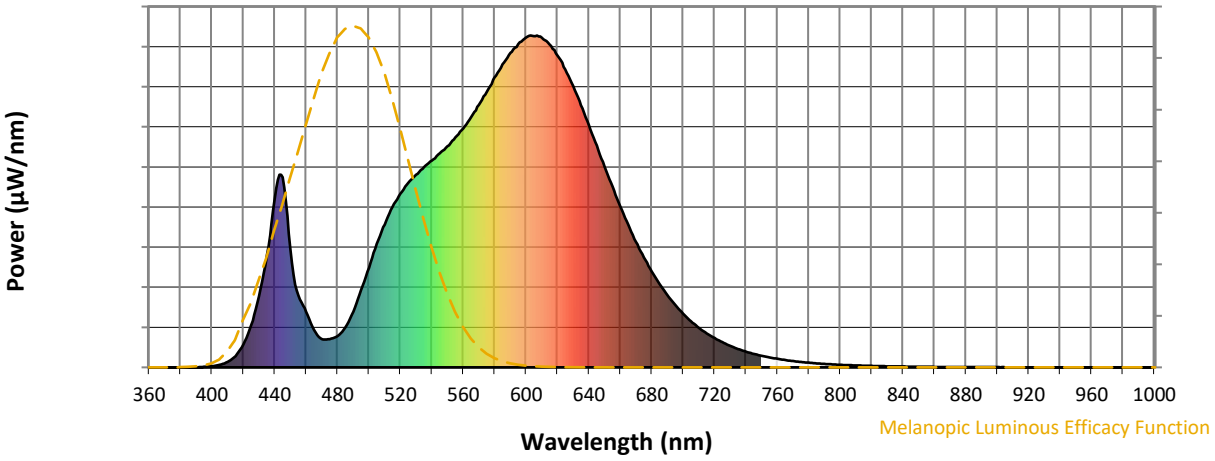


Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

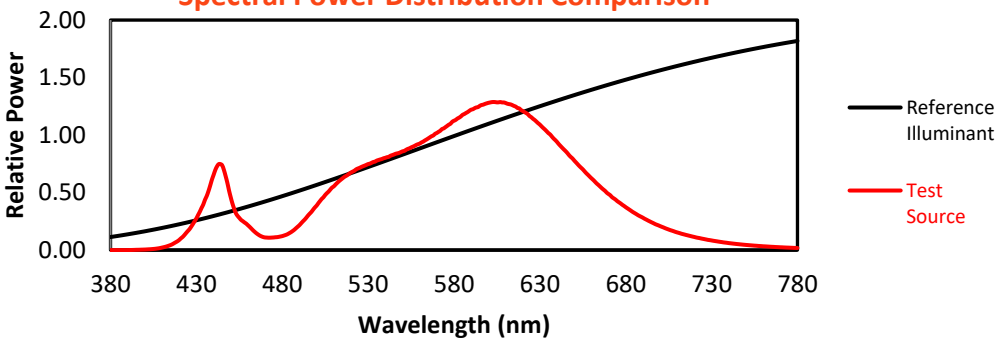
REPORT NUMBER: SP1-2408-195-9

TM-30-18

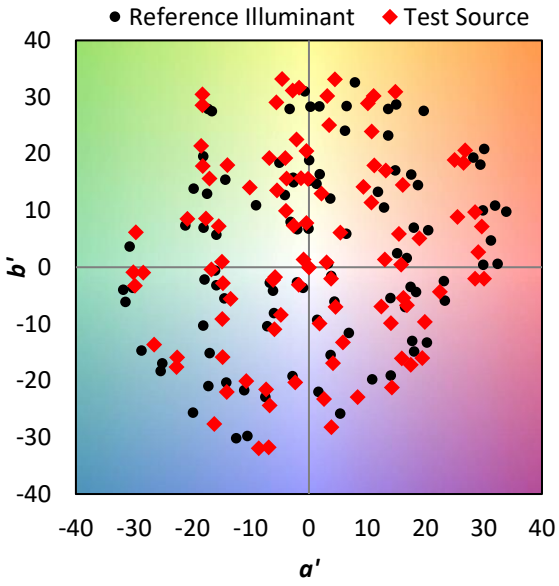
Summary

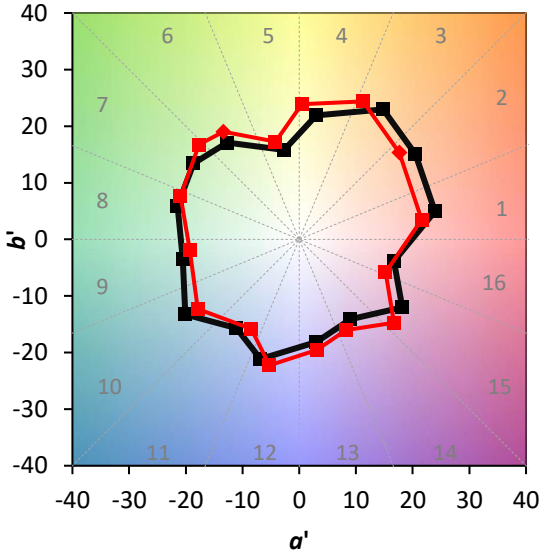
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

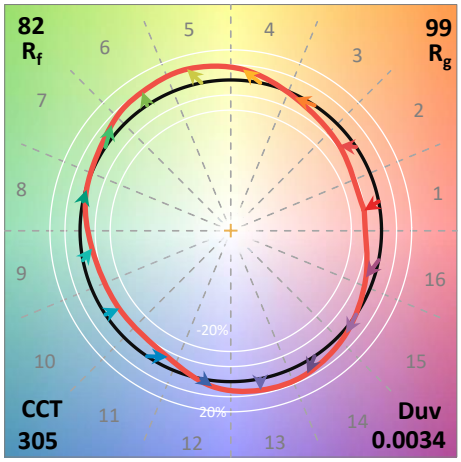
Spectral Power Distribution Comparison

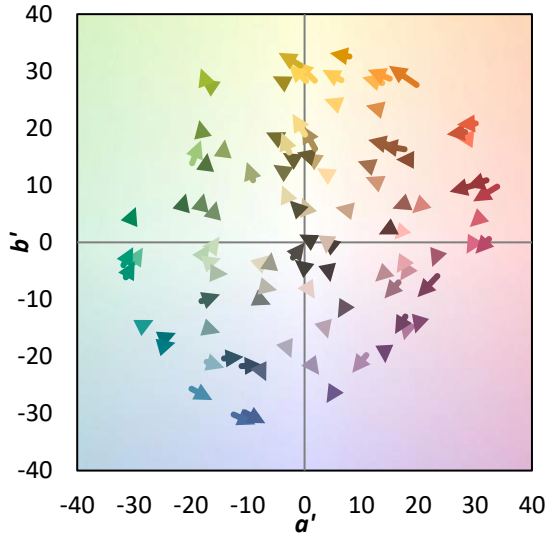


Color Vector Graphics







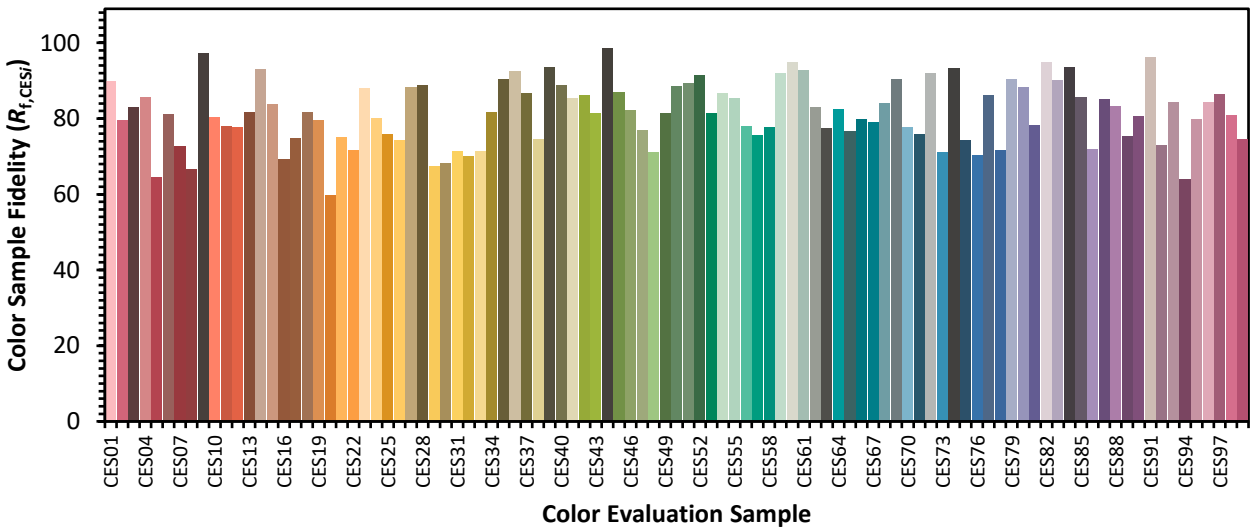


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

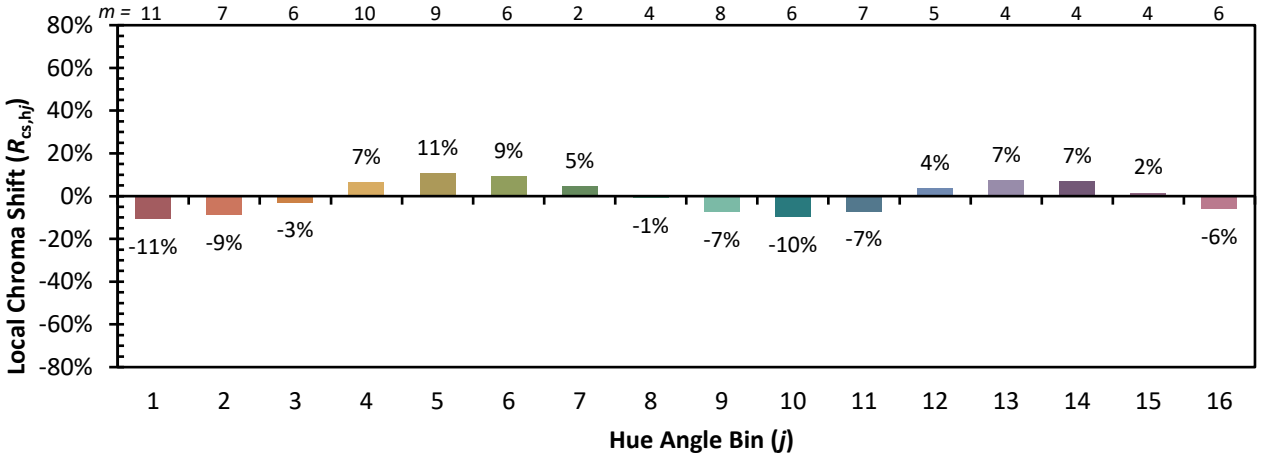
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
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 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	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	

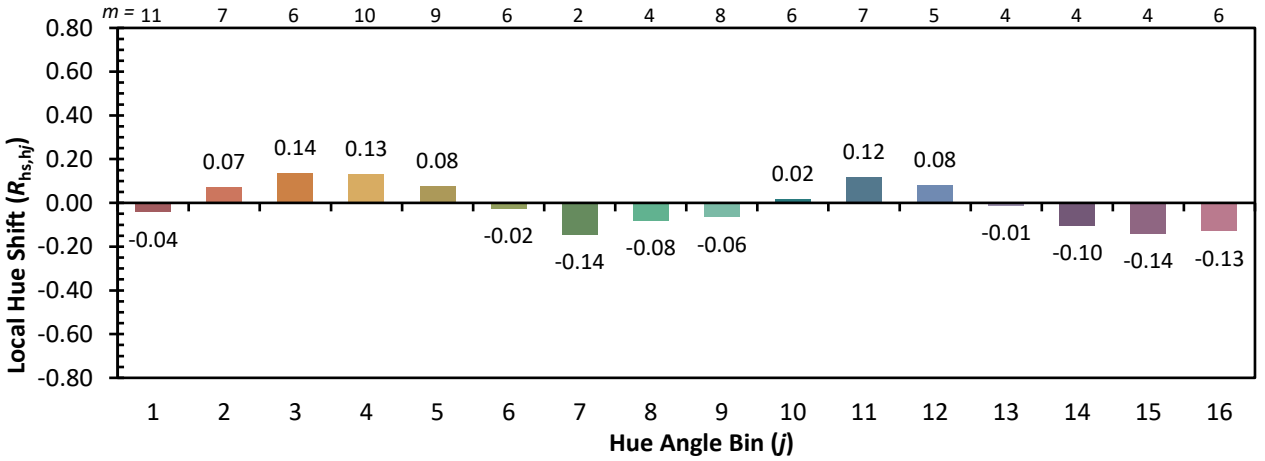


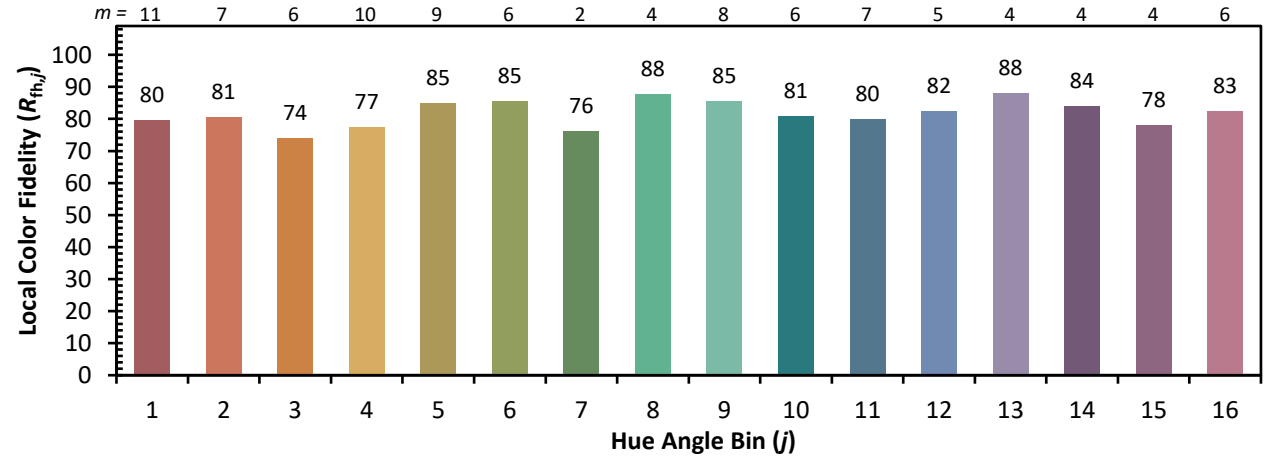
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



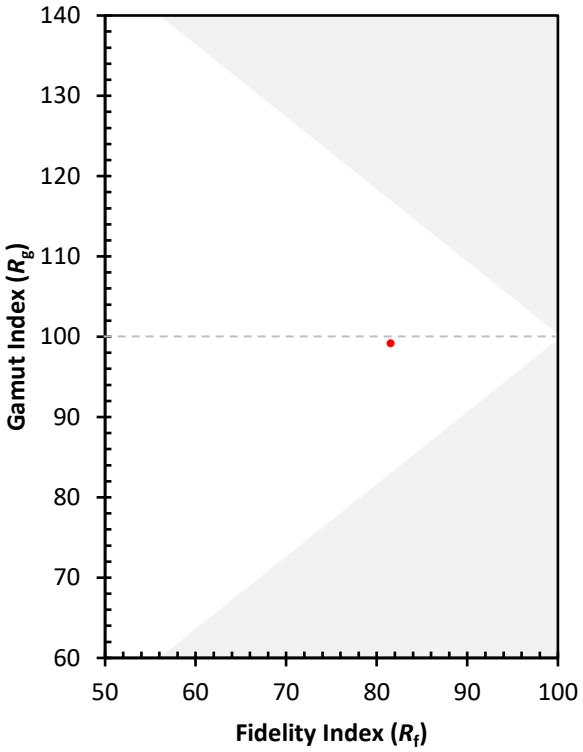


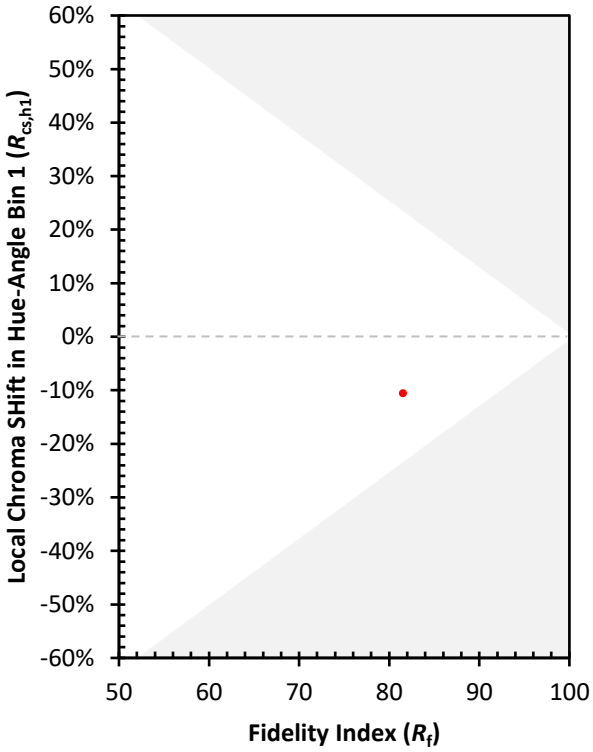


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





(END OF REPORT)