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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P386721

Luminaire Tested: **GPC-SA2B-830-U-SL2**

Issue Date: 3/3/2020

Report Generated By 670245982

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P386721
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2B-830-U-SL2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9285 lumens
Efficiency:	N/A
Efficacy:	109.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	85
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
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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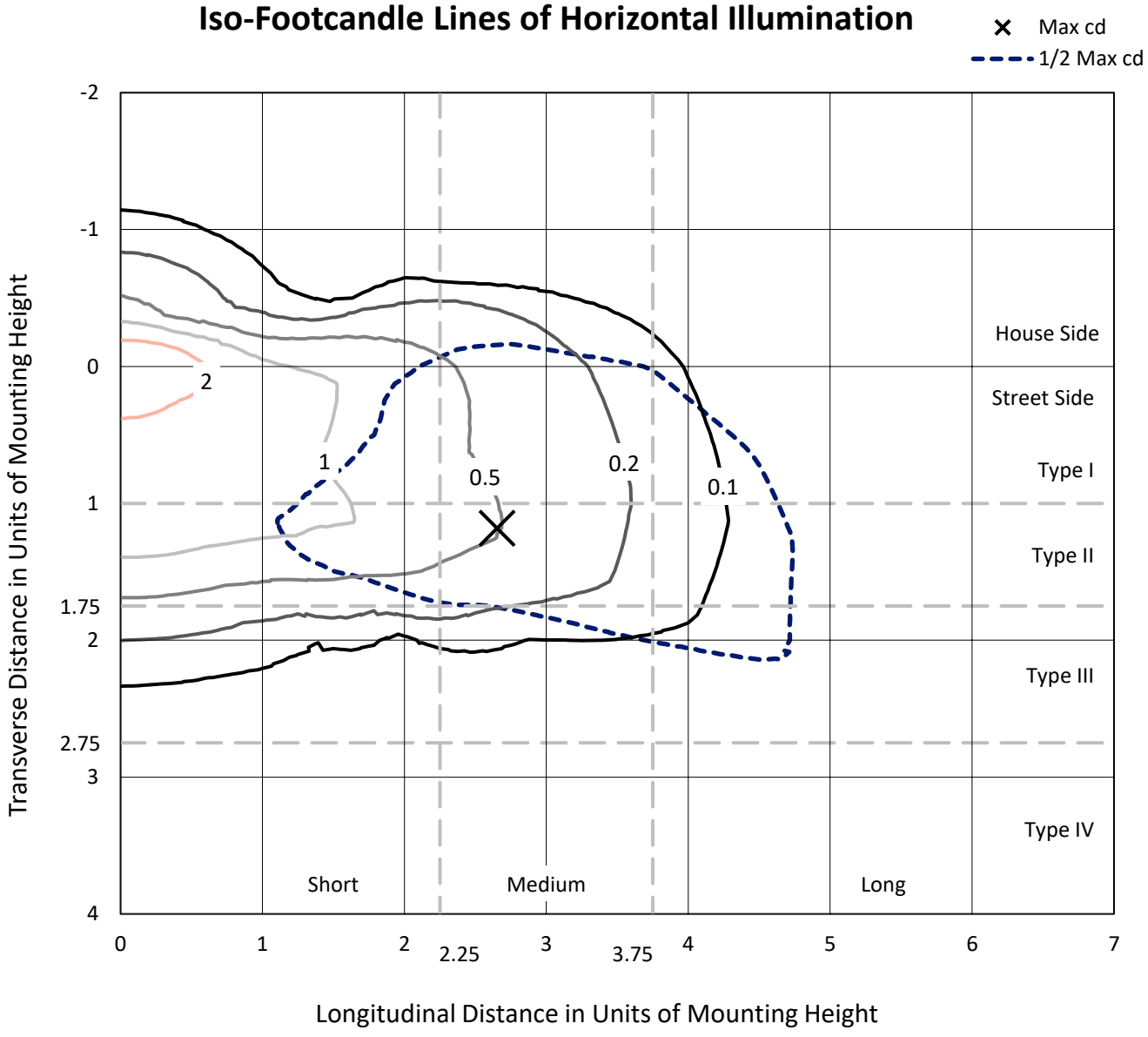
Scaled Data Report

REPORT NUMBER: P386721
CATALOG NUMBER: GPC-SA2B-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
Type III - Medium - N/A

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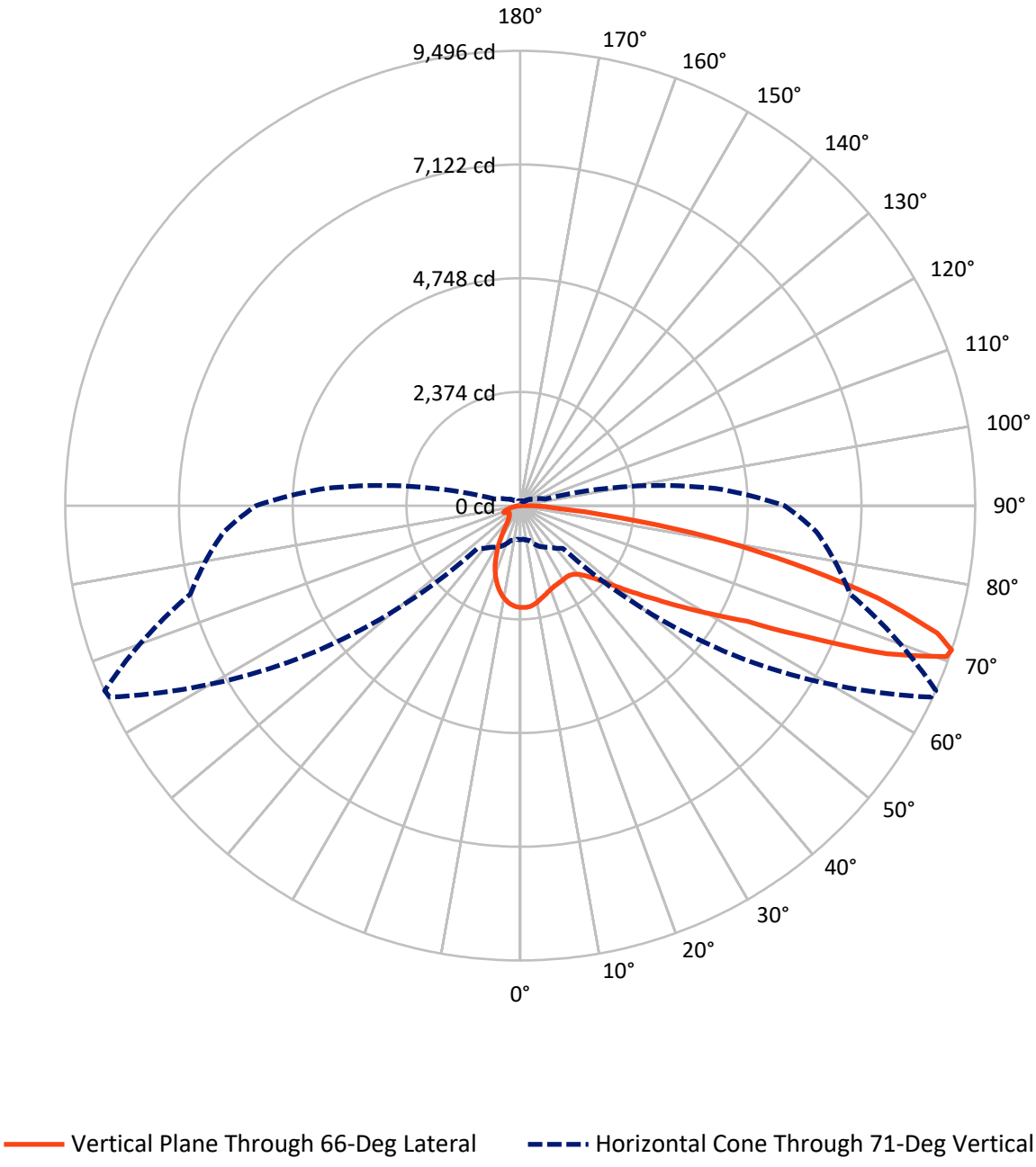
Luminous Intensity Polar Plot



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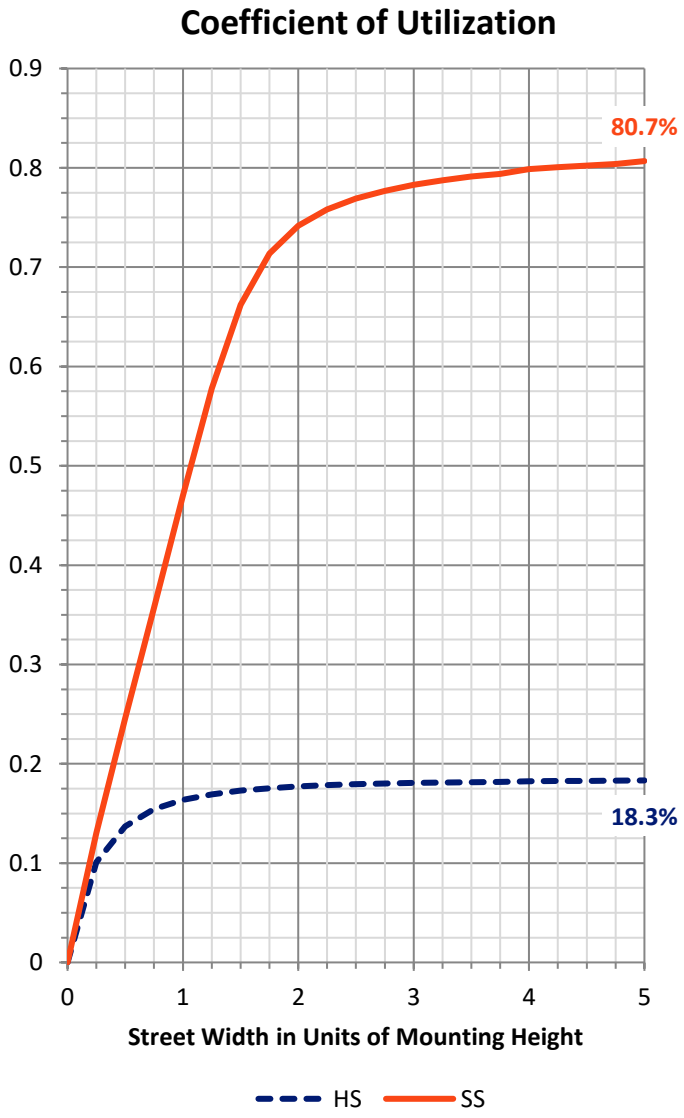
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1720.8	0.0	1720.8
	% Fixture	18.5	0.0	18.5
Street Side	Lumens	7564.2	0.0	7564.2
	% Fixture	81.5	0.0	81.5
Total	Lumens	9285.0	0.0	9285.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.2	2.0
10°-20°	449.1	4.8
20°-30°	603.2	6.5
30°-40°	793.5	8.5
40°-50°	1154.3	12.4
50°-60°	1803.2	19.4
60°-70°	2258.8	24.3
70°-80°	1722.9	18.6
80°-90°	312.9	3.4
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°	9285.0	100.0
0°-180°	9285.0	100.0



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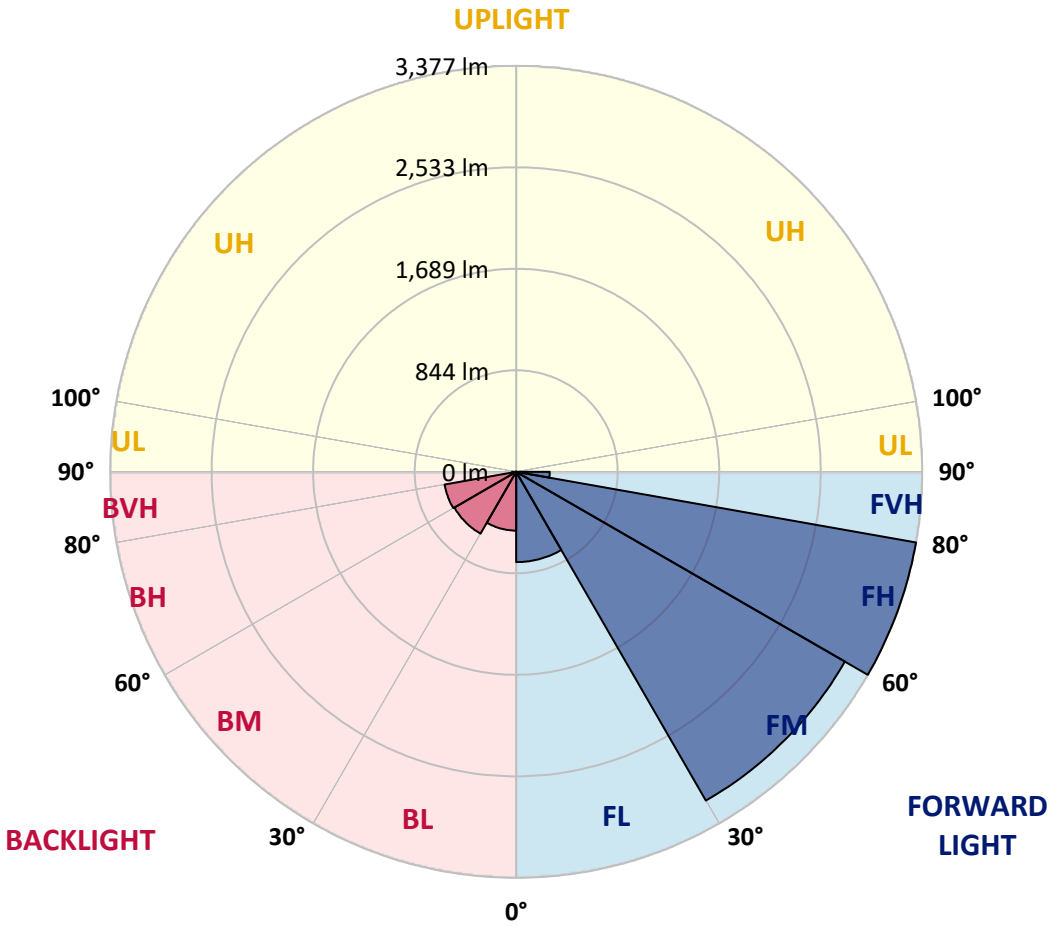
CATALOG NUMBER: GPC-SA2B-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	750.8	8.1			
FM	(30°-60°)	3157.4	34.0			
FH	(60°-80°)	3377.1	36.4			G2/5000
FVH	(80°-90°)	279.0	3.0			G3/500
BL	(0°-30°)	488.7	5.3	B1/500		
BM	(30°-60°)	593.6	6.4	B1/1000		
BH	(60°-80°)	604.6	6.5	B2/1000		G2/1000
BVH	(80°-90°)	33.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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REPORT NUMBER: P386721
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	*2127.0*	2127.0	2127.0
2.5°	2087.6	2084.4	2094.0	2103.9	2107.8	2114.2	2123.8	2129.3	*2128.9*	2129.9	2126.7
5°	1949.1	1944.9	1964.2	1979.9	2010.0	2044.0	2085.3	2114.8	*2115.5*	2132.1	2136.6
7.5°	1818.0	1815.1	1837.2	1862.5	1897.5	1949.4	2016.4	2079.9	*2083.7*	2128.9	2144.6
10°	1712.8	1712.2	1733.7	1761.2	1802.0	1860.0	1936.9	2029.9	*2035.6*	2113.5	2145.9
12.5°	1630.8	1632.0	1650.6	1682.1	1725.0	1785.6	1869.0	1973.8	*1983.1*	2089.2	2138.6
15°	1570.2	1575.3	1590.4	1622.1	1664.4	1726.0	1811.6	1921.8	*1936.0*	2061.9	2134.4
17.5°	1535.6	1541.3	1551.9	1578.2	1617.9	1677.2	1758.4	1879.2	*1892.0*	2041.1	2134.7
20°	1525.3	1530.1	1536.2	1552.2	1585.9	1639.7	1716.4	1840.7	*1854.5*	2024.4	2137.9
22.5°	1545.5	1549.0	1549.7	1548.4	1568.9	1612.8	1685.9	1812.5	*1827.3*	2013.5	2140.2
25°	1588.8	1593.6	1590.1	1578.2	1571.5	1598.4	1670.2	1793.9	*1808.7*	2005.5	2135.7
27.5°	1653.8	1654.5	1651.6	1636.2	1604.5	1600.0	1665.4	1783.0	*1797.1*	1996.2	2126.4
30°	1742.3	1746.5	1741.4	1720.5	1668.6	1625.6	1671.2	1772.5	*1785.3*	1984.4	2111.3
32.5°	1845.9	1856.1	1855.8	1834.0	1759.6	1683.0	1694.9	1766.0	*1776.0*	1971.9	2093.0
35°	1953.3	1967.4	1993.7	1984.4	1892.4	1773.7	1740.4	1776.3	*1783.0*	1970.3	2080.2
37.5°	2064.8	2078.9	2133.1	2158.1	2050.4	1903.6	1812.2	1812.5	*1815.7*	1989.8	2079.2
40°	2181.5	2196.6	2278.0	2343.1	2255.2	2068.0	1927.9	1888.2	*1884.7*	2037.9	2098.2
42.5°	2345.0	2358.5	2456.2	2539.3	2482.5	2278.6	2087.9	2004.9	*1997.5*	2132.1	2158.8
45°	2551.8	2563.3	2667.2	2756.0	2726.8	2519.1	2288.9	2165.5	*2164.2*	2289.2	2281.5
47.5°	2797.7	2806.6	2899.9	2985.8	2996.4	2795.7	2541.5	2413.3	*2392.4*	2504.7	2471.6
50°	3053.8	3063.7	3127.2	3219.5	3298.1	3166.0	2866.6	2716.9	*2689.0*	2789.0	2740.9
52.5°	3223.4	3236.5	3291.7	3408.7	3637.2	3571.8	3250.9	3084.9	*3042.6*	3133.6	3096.8
55°	3147.7	3177.2	3261.5	3449.1	3908.4	4191.8	3725.1	3514.1	*3466.4*	3542.0	3520.2
57.5°	2803.7	2844.1	2959.2	3248.7	3946.6	4738.1	4441.9	4019.7	*3986.0*	3964.2	3974.2
60°	2175.1	2213.9	2356.5	2733.9	3680.8	5136.9	5520.6	4642.9	*4594.2*	4388.0	4397.0
62.5°	1539.4	1519.8	1617.6	1893.6	2991.0	5183.7	6748.1	5476.4	*5316.1*	4835.6	4796.1
65°	1173.9	1169.5	1213.4	1301.2	1811.6	4623.7	7479.3	6877.3	*6626.9*	5361.9	5269.0
67.5°	964.6	956.6	999.9	1127.8	1166.6	2982.9	7495.4	8502.6	*8256.7*	6017.2	5815.9
70°	793.1	784.1	824.5	989.6	1078.1	1512.8	6308.3	9454.4	*9441.2*	6846.8	6228.8
71°	*711.0*	*704.6*	*753.0*	*936.4*	*1059.2*	*1260.8*	*5446.6*	*9457.0*	*9496.4*	*7127.7*	*6204.4*
72.5°	579.0	581.2	632.5	833.5	1045.1	1113.4	4003.0	9016.2	*9099.5*	7395.3	5982.9
75°	384.7	386.6	453.9	641.1	1013.3	1089.3	2200.1	7565.6	*7718.8*	7235.1	5459.4
77.5°	258.4	257.7	303.6	439.8	882.9	1089.3	1290.0	5658.5	*5826.8*	5756.9	4208.8
80°	177.9	176.6	209.0	303.6	668.4	1102.5	997.3	3965.5	*4016.5*	3108.9	1710.6
82.5°	109.0	110.0	136.6	214.5	454.9	992.2	941.5	2162.3	*2106.8*	872.0	427.3
85°	62.5	62.2	87.2	145.2	292.0	837.3	918.1	930.6	*853.7*	262.6	154.5
87.5°	22.4	24.0	46.8	80.5	167.3	583.1	779.0	484.1	*436.3*	118.6	69.9
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: P386721
CATALOG NUMBER: GPC-SA2B-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0	2127.0
2.5°	2124.4	2126.4	2124.1	2111.3	2100.4	2082.8	2072.8	2059.1	2054.9	2053.0	2058.1
5°	2132.5	2133.1	2114.2	2080.5	2042.7	1998.1	1966.1	1926.7	1908.1	1900.0	1905.2
7.5°	2139.8	2137.0	2095.6	2031.2	1961.3	1883.7	1814.8	1751.6	1714.8	1699.7	1701.0
10°	2140.8	2128.6	2062.3	1962.6	1854.2	1740.4	1634.6	1537.2	1475.6	1435.5	1447.7
12.5°	2130.9	2110.3	2013.2	1873.8	1723.4	1568.3	1425.3	1279.1	1191.3	1150.5	1151.8
15°	2123.2	2086.0	1952.9	1769.3	1567.3	1361.8	1166.6	994.7	901.1	859.5	839.9
17.5°	2116.8	2059.7	1883.1	1651.6	1383.0	1122.3	887.7	734.4	683.1	671.0	665.8
20°	2107.8	2031.8	1805.2	1515.4	1173.0	854.3	648.2	572.5	572.9	587.0	588.9
22.5°	2095.3	2000.1	1722.1	1362.4	947.6	622.2	508.1	486.3	508.4	535.4	540.2
25°	2076.7	1962.6	1629.8	1193.5	722.6	478.3	434.1	433.1	460.0	488.2	492.4
27.5°	2050.4	1913.5	1527.2	1012.1	532.5	406.5	388.9	395.6	415.5	436.0	437.6
30°	2015.1	1856.4	1414.1	820.7	417.4	361.9	360.0	366.1	378.3	392.7	394.0
32.5°	1976.3	1798.4	1293.2	635.4	357.4	337.9	339.8	342.7	348.5	354.2	355.5
35°	1941.1	1739.1	1169.5	482.8	328.9	322.2	320.9	320.3	320.9	319.0	319.3
37.5°	1918.3	1690.1	1040.6	384.4	312.6	308.4	304.5	299.7	294.3	291.1	291.7
40°	1910.0	1653.5	910.1	332.1	299.1	296.2	288.8	278.6	272.2	270.2	270.2
42.5°	1932.4	1634.6	784.1	305.8	287.9	283.1	270.9	259.0	254.2	253.9	253.6
45°	2001.0	1642.3	664.2	291.4	277.6	268.3	252.3	242.4	239.1	239.8	239.5
47.5°	2124.1	1690.7	561.6	281.8	267.4	255.2	237.2	229.2	225.4	225.4	225.7
50°	2333.5	1803.9	479.9	273.8	258.7	243.0	226.3	216.4	211.3	210.9	210.9
52.5°	2638.3	2006.5	428.9	267.0	249.1	232.1	215.4	202.9	196.8	195.6	194.9
55°	3020.5	2296.9	414.8	262.6	236.3	220.2	202.3	189.8	183.0	180.2	179.8
57.5°	3447.8	2650.2	442.7	257.1	223.1	206.1	187.9	176.0	168.9	165.4	165.1
60°	3880.2	3035.8	556.5	249.4	212.2	190.7	173.1	162.2	155.2	151.3	150.7
62.5°	4313.3	3442.3	788.9	248.8	204.5	176.0	158.0	148.7	142.0	137.8	136.9
65°	4801.9	3887.3	1053.1	265.8	202.0	162.5	142.7	135.3	129.5	125.7	125.3
67.5°	5362.9	4389.6	1027.8	300.7	210.6	150.3	128.2	122.5	118.3	115.1	114.8
70°	5626.1	4311.1	638.9	325.4	222.8	138.5	114.4	110.3	107.1	104.8	103.9
71°	*5515.8*	*4093.4*	*535.7*	*322.5*	*221.5*	*133.4*	*109.0*	*105.8*	*102.6*	*100.7*	*99.7*
72.5°	5215.1	3733.1	446.9	300.1	207.1	124.1	101.9	98.7	95.9	93.6	93.0
75°	4679.8	3334.0	357.8	239.8	165.1	104.8	89.4	85.9	83.7	82.4	81.1
77.5°	3440.1	2379.3	276.7	189.5	121.5	85.6	76.3	73.7	71.5	69.6	68.6
80°	1317.9	921.7	186.3	141.4	89.1	67.6	61.6	60.3	58.0	56.7	56.7
82.5°	354.9	275.4	99.4	85.6	59.6	49.4	47.1	46.5	44.6	42.0	42.3
85°	143.6	121.5	55.8	47.1	36.5	29.2	31.7	32.1	29.8	26.6	26.9
87.5°	63.2	51.6	31.1	20.8	16.0	11.2	14.4	14.4	13.1	10.9	9.9
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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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

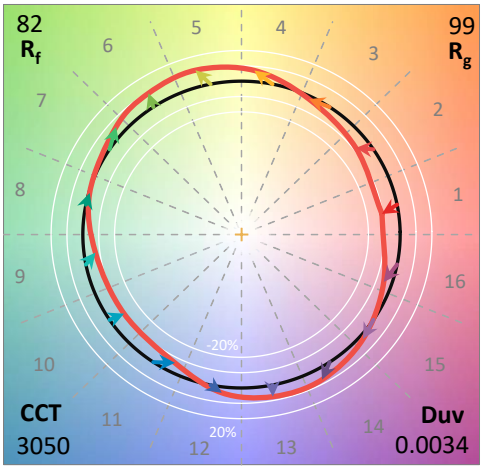
Test Information

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

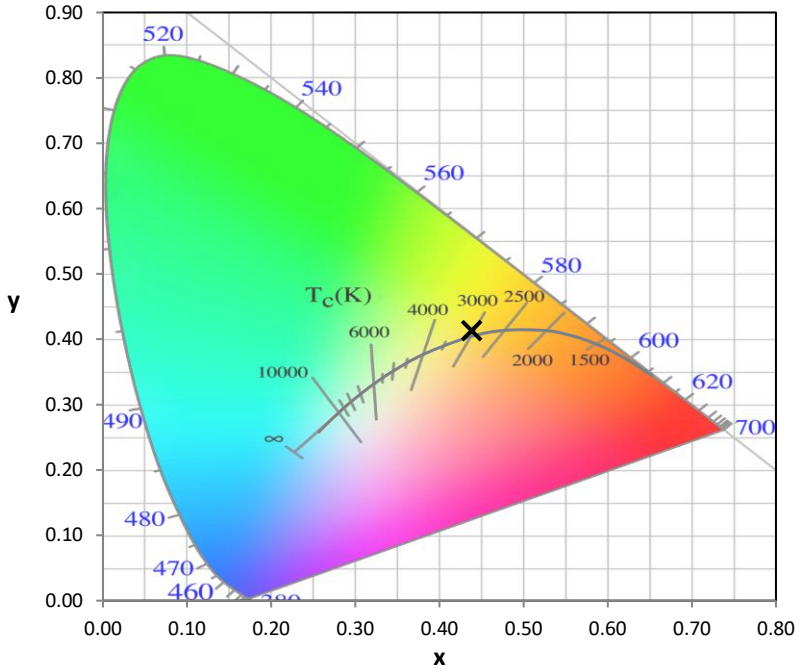
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

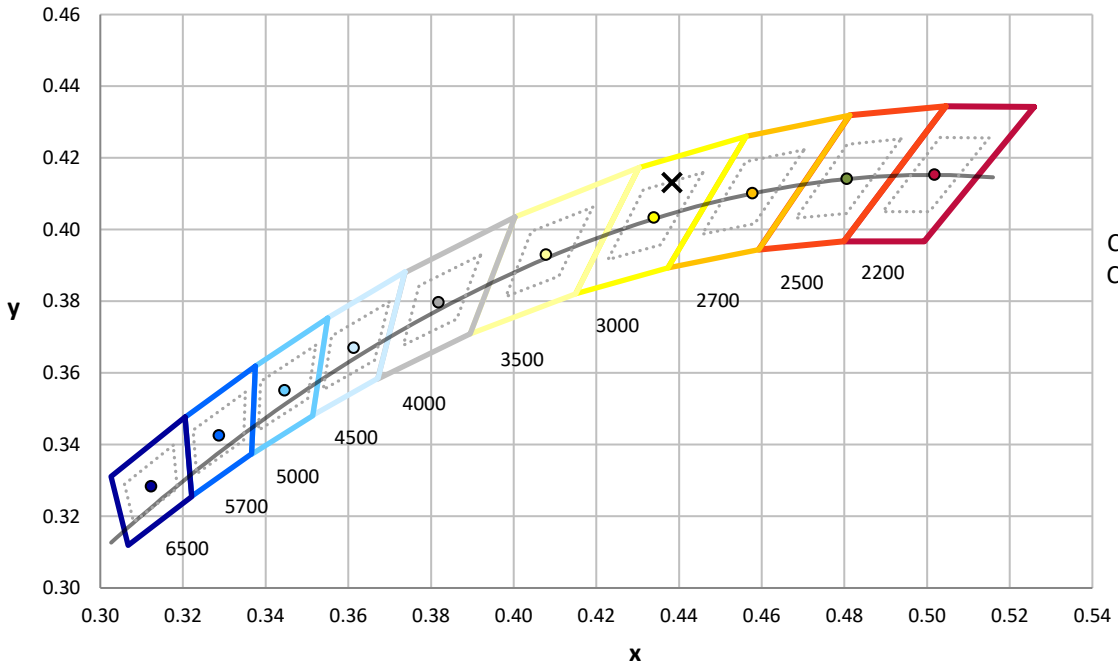
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

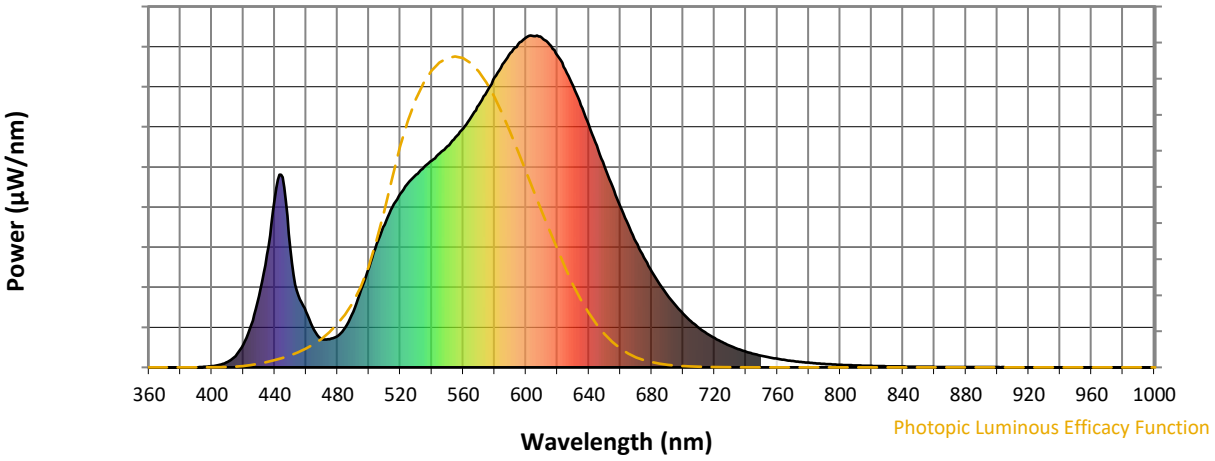


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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			

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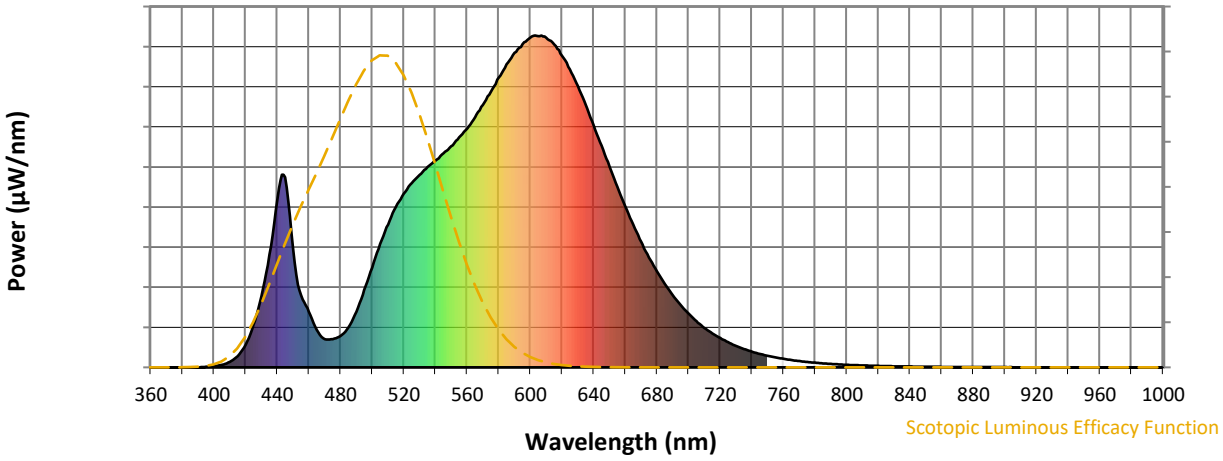
Scotopic Flux vs. Wavelength



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			

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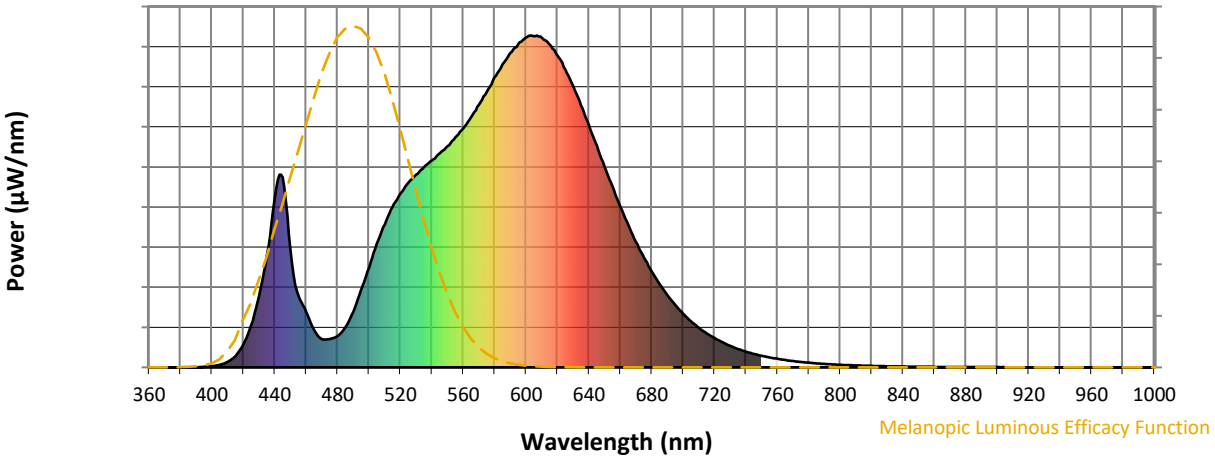
Melanopic Flux vs. Wavelength



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			

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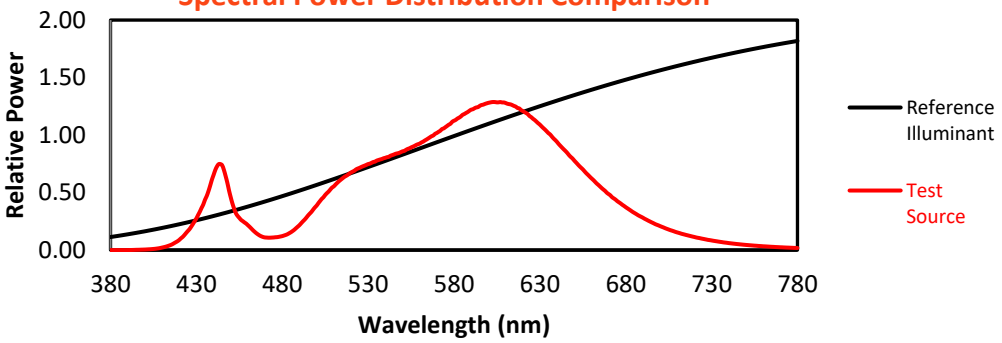
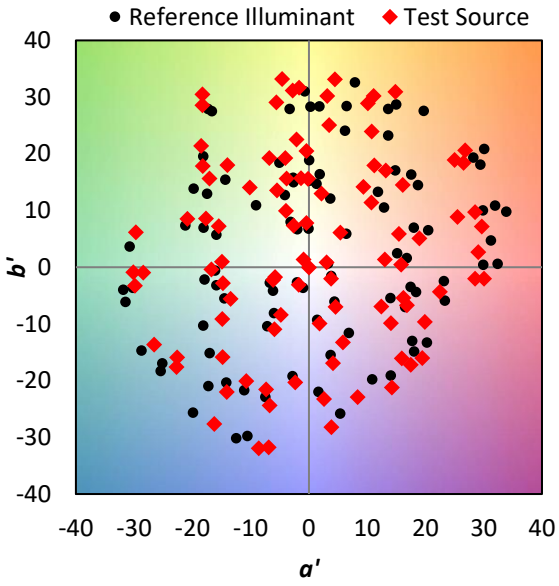
Summary

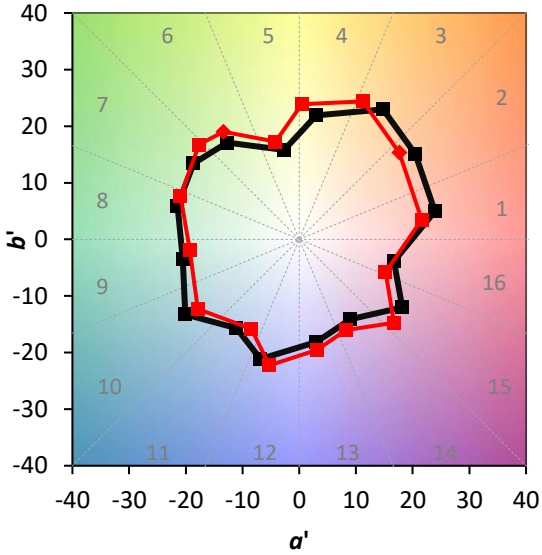
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

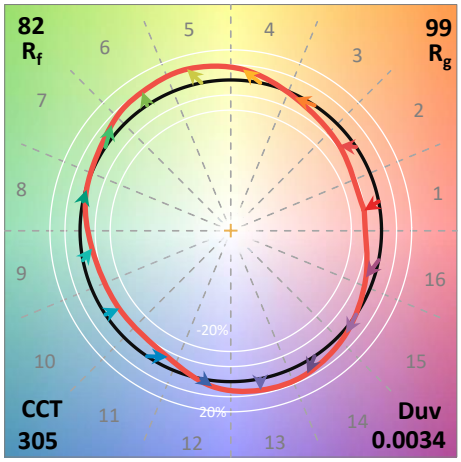
Spectral Power Distribution Comparison

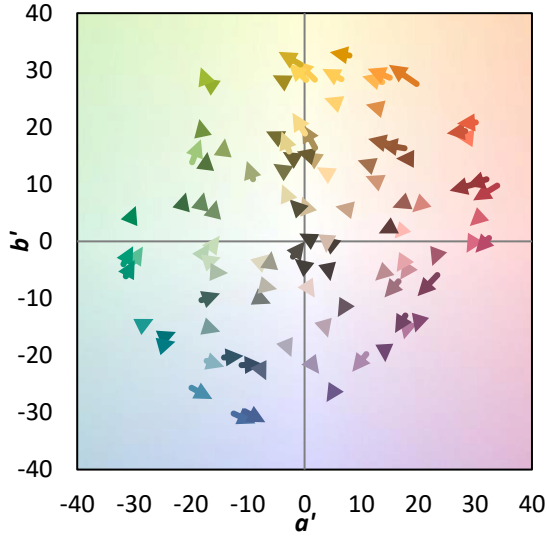


Color Vector Graphics









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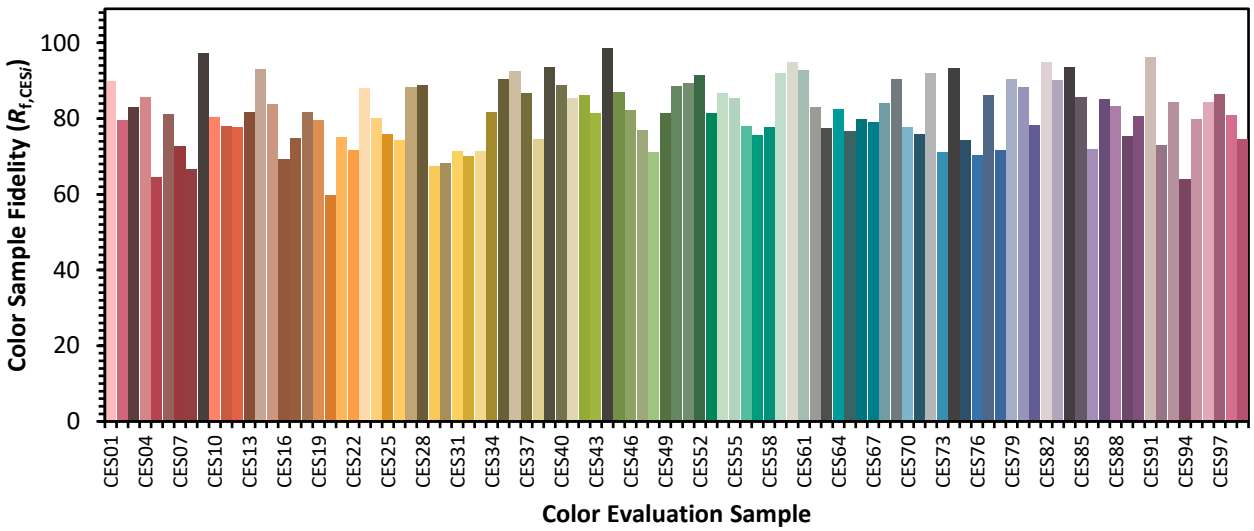
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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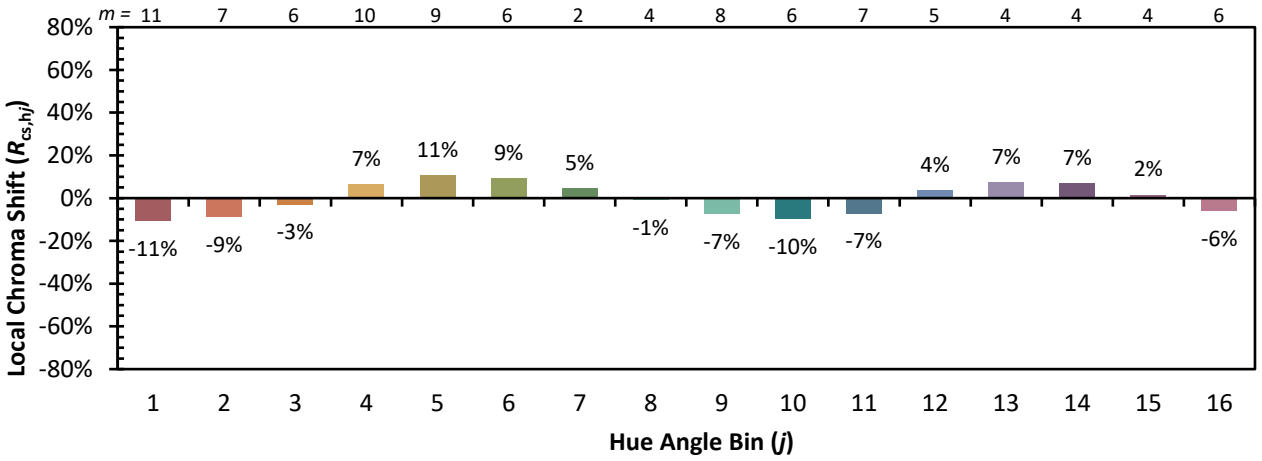
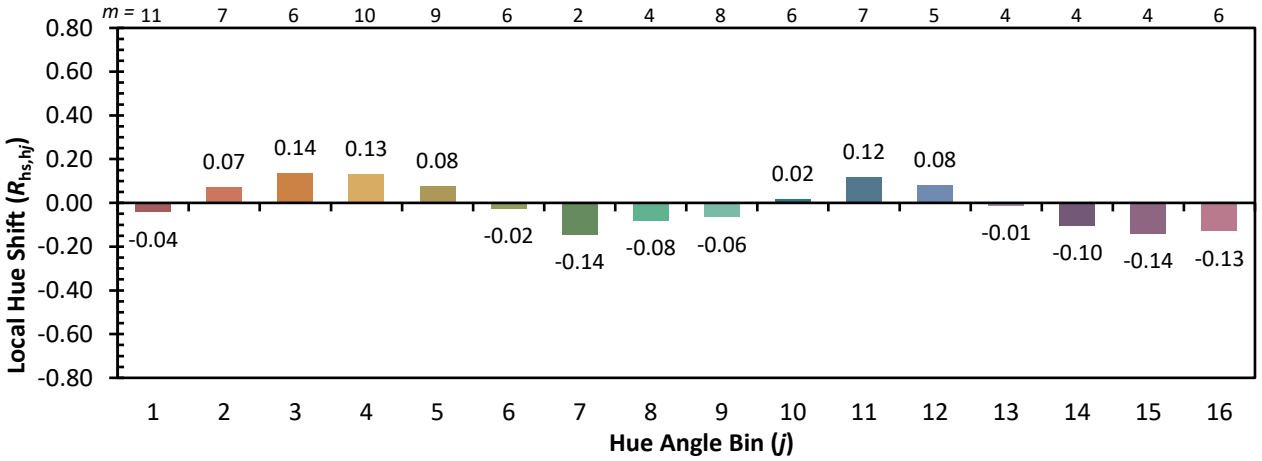
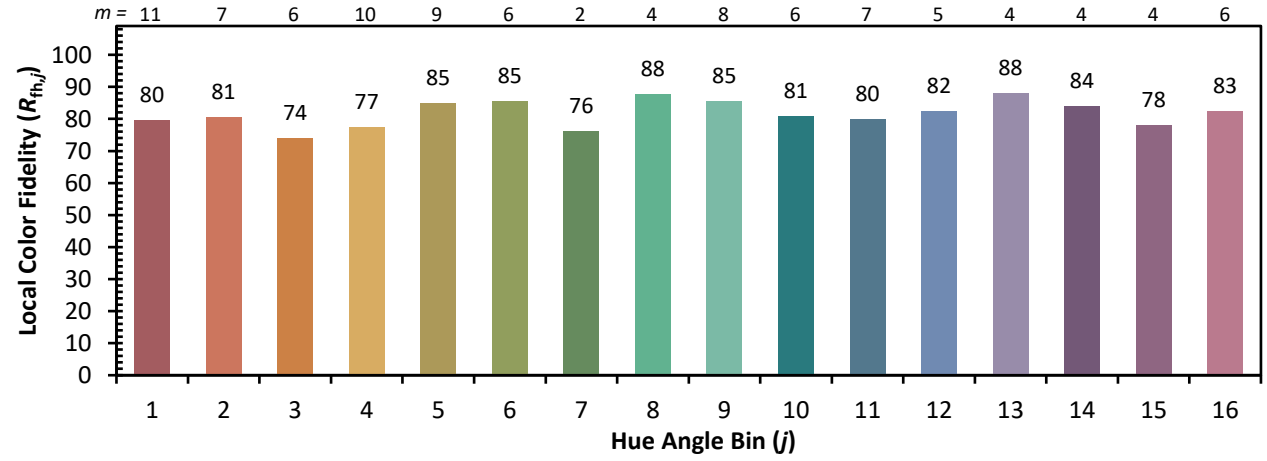
Color Rendition by Hue-Angle Bin







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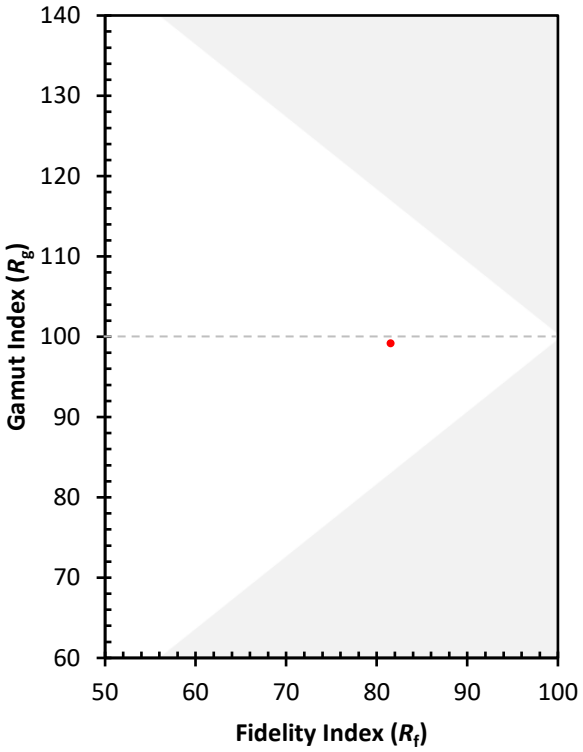
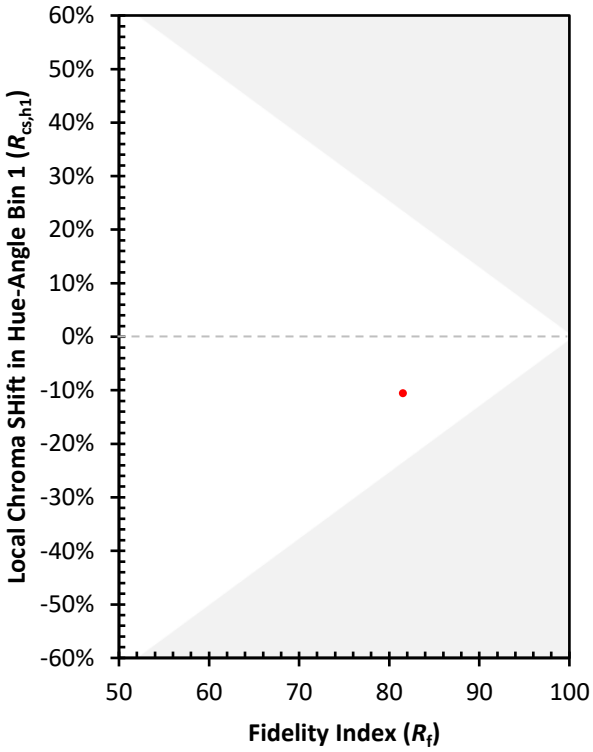
Measure Comparisons





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