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: P386720

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

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:	P386720
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-21)
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-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7849 lumens
Efficiency:	N/A
Efficacy:	92.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

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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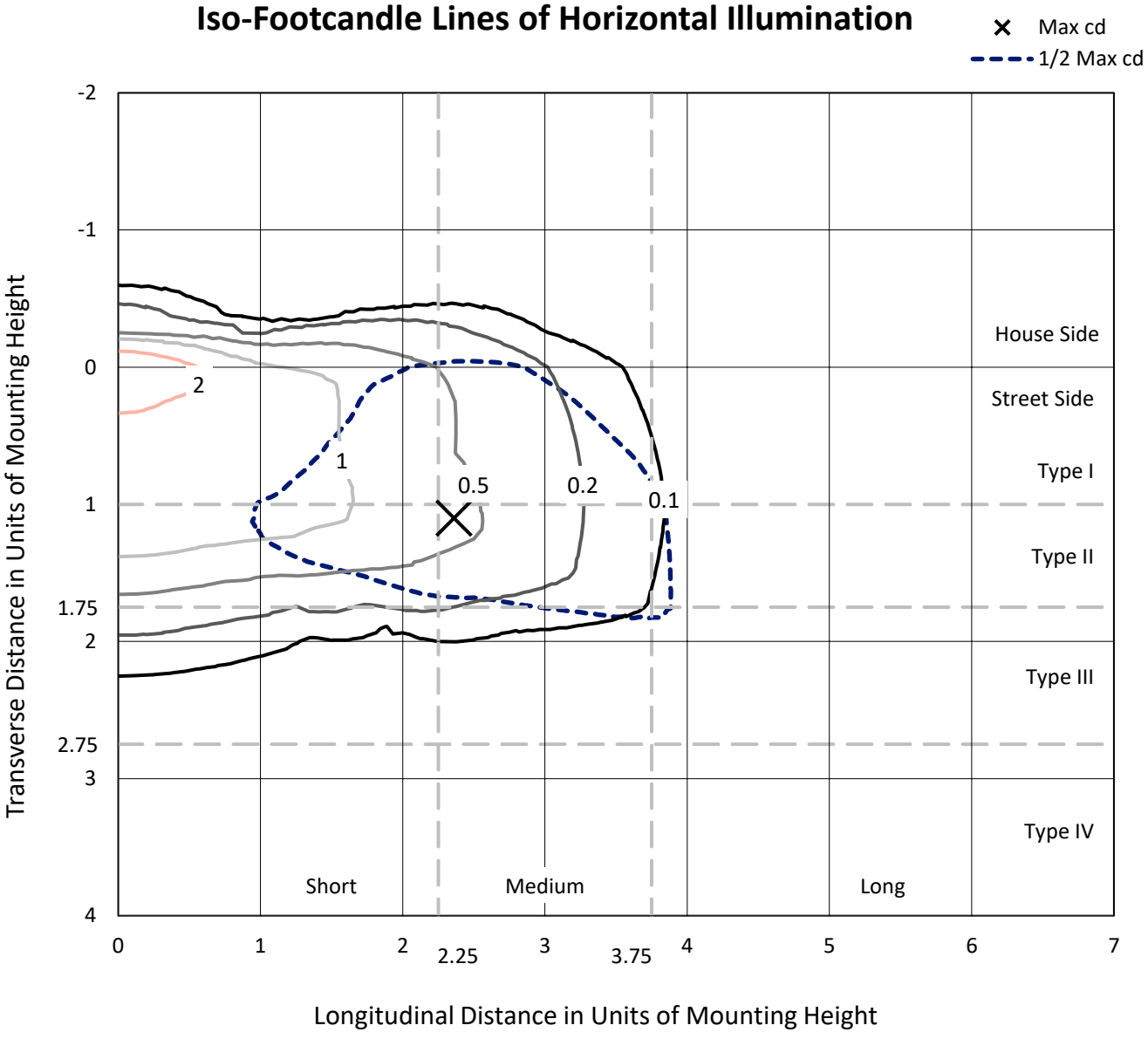
Scaled Data Report

REPORT NUMBER: P386720
CATALOG NUMBER: GPC-SA2B-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
Type III - Medium - N/A

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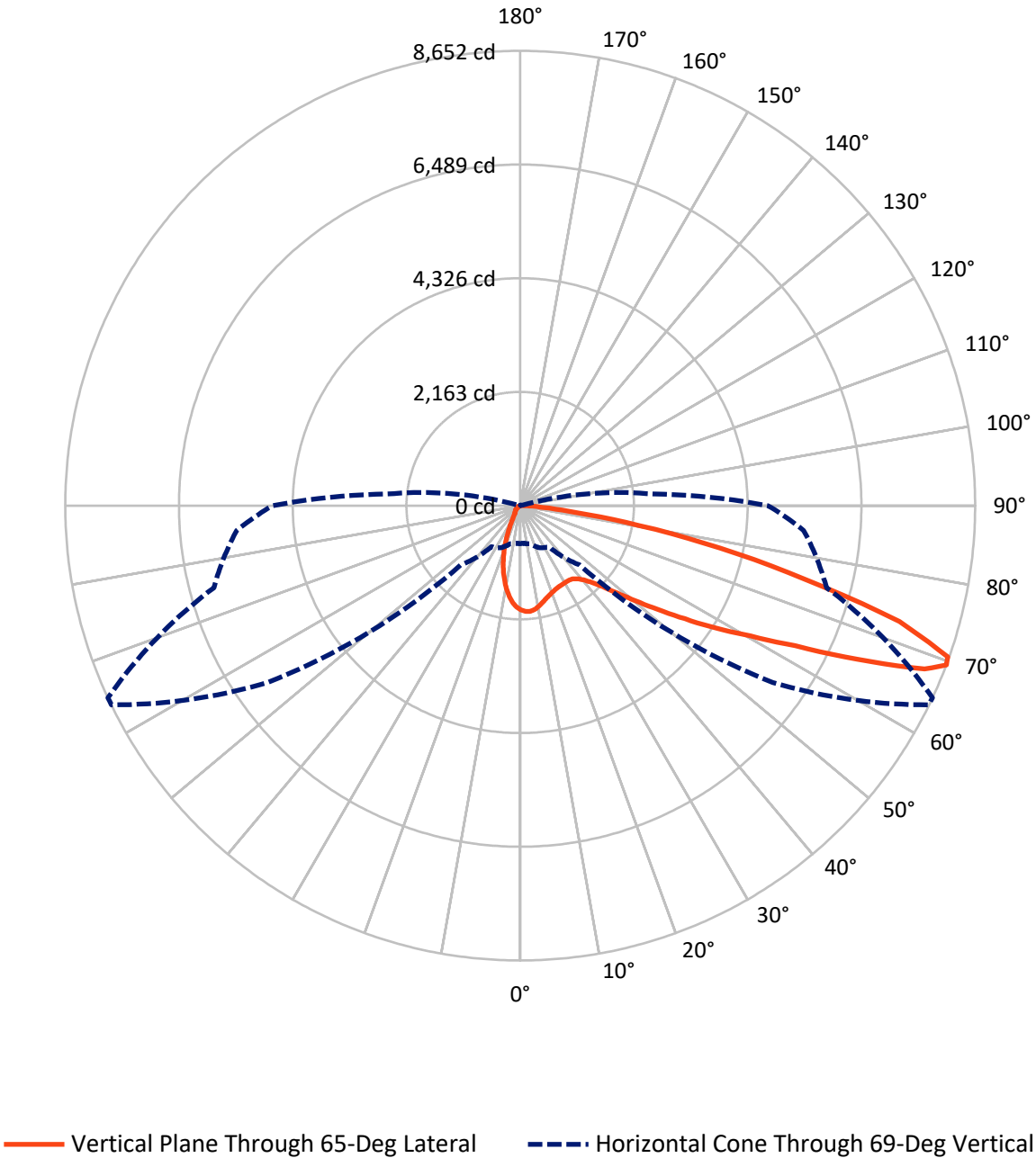
Luminous Intensity Polar Plot



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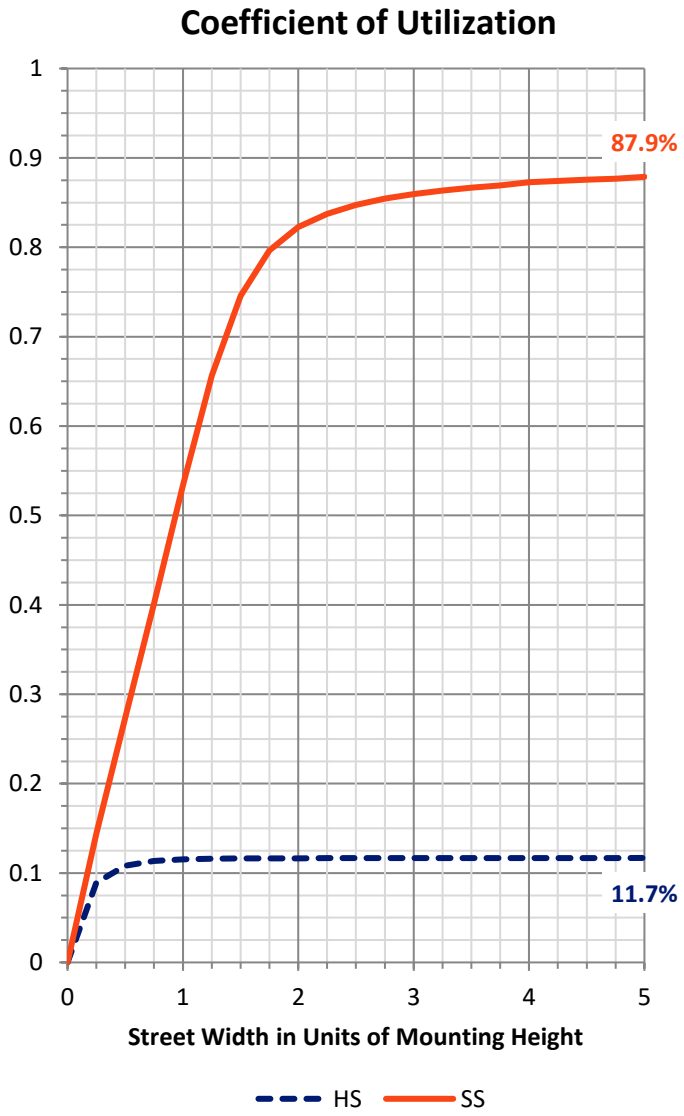
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	925.2	0.0	925.2
	% Fixture	11.8	0.0	11.8
Street Side	Lumens	6923.8	0.0	6923.8
	% Fixture	88.2	0.0	88.2
Total	Lumens	7849.0	0.0	7849.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.9	2.1
10°-20°	363.1	4.6
20°-30°	502.9	6.4
30°-40°	701.2	8.9
40°-50°	1089.8	13.9
50°-60°	1749.6	22.3
60°-70°	1979.1	25.2
70°-80°	1162.3	14.8
80°-90°	135.2	1.7
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°	7849.0	100.0
0°-180°	7849.0	100.0



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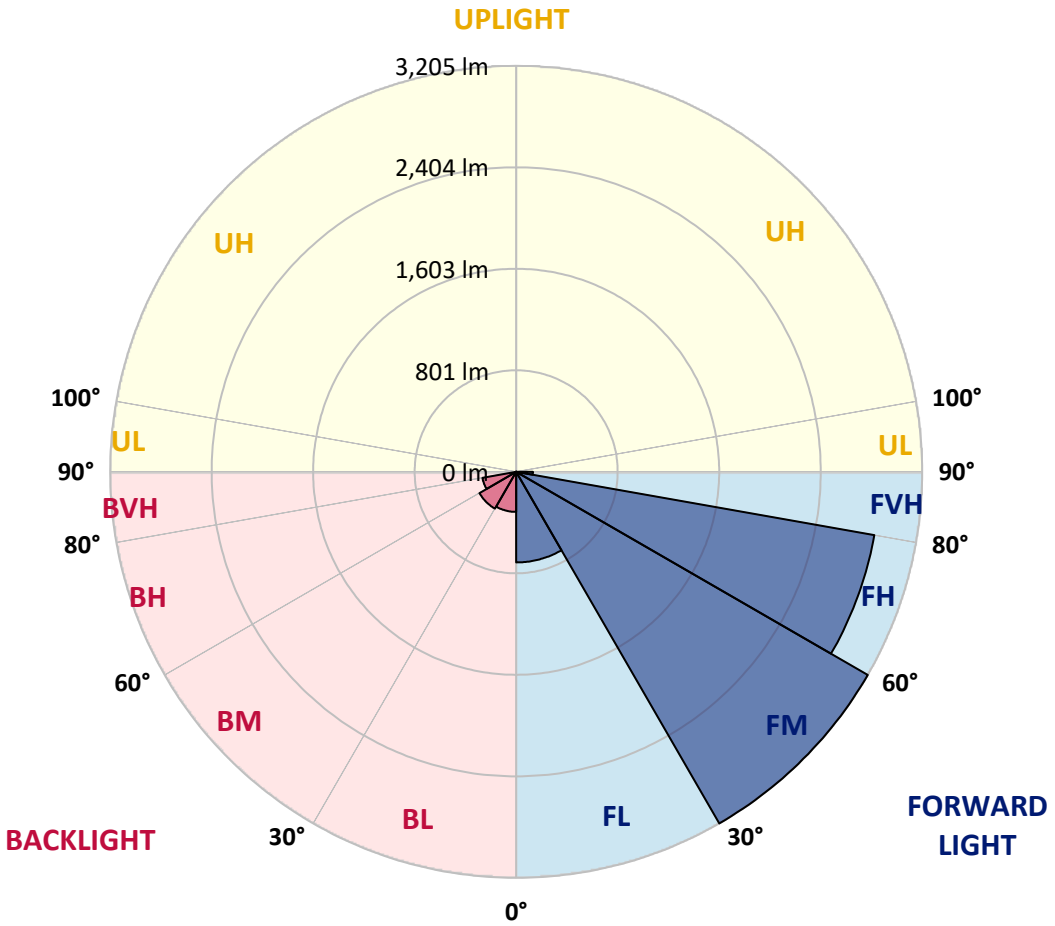
REPORT NUMBER: P386720
CATALOG NUMBER: GPC-SA2B-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	715.2	9.1			
FM	(30°-60°)	3205.3	40.8			
FH	(60°-80°)	2871.1	36.6			G2/5000
FVH	(80°-90°)	132.2	1.7			G2/225
BL	(0°-30°)	316.6	4.0	B1/500		
BM	(30°-60°)	335.3	4.3	B1/1000		
BH	(60°-80°)	270.3	3.4	B1/500		G1/500
BVH	(80°-90°)	3.0	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 Medium



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Scaled Data Report

REPORT NUMBER: P386720
CATALOG NUMBER: GPC-SA2B-830-U-SL2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	*1983.5*	1983.5	1983.5
2.5°	2001.1	1996.1	2000.1	2008.7	2013.0	2013.0	2016.3	2012.4	*2013.7*	2004.0	1990.1
5°	1875.8	1868.2	1879.2	1903.4	1933.3	1958.9	1996.7	2016.7	*2018.7*	2019.0	2002.7
7.5°	1741.0	1734.0	1750.3	1778.9	1817.4	1864.9	1931.0	1988.8	*1992.1*	2023.3	2011.4
10°	1631.4	1626.4	1645.4	1675.9	1721.1	1774.2	1855.3	1935.6	*1945.3*	2014.3	2010.0
12.5°	1544.4	1540.4	1558.3	1593.5	1639.7	1698.5	1783.2	1876.5	*1889.5*	1994.1	2003.4
15°	1480.9	1480.3	1495.2	1529.1	1580.3	1635.1	1721.7	1821.7	*1836.7*	1972.2	2002.4
17.5°	1447.7	1448.7	1459.7	1488.6	1532.4	1586.9	1669.9	1775.5	*1791.8*	1952.6	2007.4
20°	1444.4	1445.4	1451.4	1467.7	1503.2	1551.4	1627.7	1736.7	*1753.6*	1938.0	2015.3
22.5°	1473.6	1473.0	1474.6	1473.0	1492.9	1529.4	1599.9	1706.8	*1726.4*	1928.3	2021.7
25°	1529.8	1528.8	1528.1	1515.8	1502.5	1522.1	1588.2	1689.9	*1708.5*	1921.3	2025.3
27.5°	1607.8	1607.2	1606.2	1585.9	1546.0	1533.8	1589.6	1683.5	*1699.2*	1915.7	2024.6
30°	1710.4	1715.1	1713.8	1685.5	1623.4	1569.3	1603.5	1680.2	*1693.8*	1904.7	2017.7
32.5°	1831.0	1840.3	1847.6	1817.4	1739.7	1639.7	1635.7	1683.9	*1693.8*	1896.4	2005.0
35°	1956.2	1968.2	1995.1	1984.5	1882.2	1745.7	1691.2	1705.8	*1714.1*	1901.1	1999.1
37.5°	2079.4	2093.7	2152.2	2183.1	2068.8	1885.8	1777.5	1759.9	*1764.3*	1929.3	2005.7
40°	2222.6	2244.2	2332.9	2382.7	2291.7	2073.5	1906.7	1852.9	*1854.6*	1991.4	2036.6
42.5°	2410.6	2432.8	2528.8	2606.9	2542.8	2310.6	2082.1	1995.1	*1993.4*	2107.7	2109.3
45°	2639.7	2663.0	2762.3	2849.0	2820.1	2591.6	2306.6	2202.7	*2200.7*	2291.0	2247.2
47.5°	2899.5	2922.4	3011.1	3100.4	3131.6	2919.7	2592.6	2486.0	*2481.3*	2545.7	2460.1
50°	3122.3	3137.3	3219.0	3339.2	3480.0	3322.9	2948.3	2845.7	*2840.7*	2884.2	2772.6
52.5°	3203.4	3212.0	3295.0	3463.4	3814.8	3868.9	3415.6	3283.4	*3279.7*	3298.7	3188.7
55°	3039.3	3054.9	3156.9	3406.6	3996.1	4486.0	4005.4	3825.4	*3797.9*	3757.0	3623.8
57.5°	2592.2	2617.2	2726.8	3058.9	3911.4	4975.6	4872.3	4438.5	*4398.0*	4148.3	3977.5
60°	1942.3	1972.8	2063.8	2422.2	3459.4	5149.9	5819.5	5121.7	*5030.4*	4459.8	4302.7
62.5°	1332.8	1348.1	1409.9	1643.4	2547.7	4864.3	6612.0	6036.7	*5870.0*	4798.6	4654.4
65°	1018.0	1023.3	1048.5	1128.9	1517.2	3951.3	6927.2	7244.0	*7042.4*	5203.7	5019.4
67.5°	820.4	816.0	850.9	965.8	1016.0	2410.6	6559.5	8386.2	*8291.9*	5745.4	5386.8
69°	*723.4*	*717.4*	*752.9*	*886.4*	*954.2*	*1593.5*	*5864.0*	*8645.6*	*8651.5*	*6031.4*	*5412.0*
70°	651.0	655.0	690.2	839.3	933.3	1250.8	5199.8	8579.5	*8626.6*	6138.4	5260.5
72.5°	434.8	445.4	516.1	696.8	897.4	946.6	3139.6	7362.2	*7543.6*	5897.6	4513.3
75°	245.1	253.1	337.1	525.4	845.6	901.4	1658.3	5423.9	*5599.3*	4931.7	3480.3
77.5°	120.2	124.5	190.6	339.1	707.1	858.9	940.6	3684.3	*3884.5*	3219.0	1968.5
80°	50.8	53.1	95.3	209.2	505.5	819.7	698.5	2267.4	*2292.3*	1261.1	524.4
82.5°	19.6	20.3	40.2	130.5	321.2	639.0	584.2	1075.1	*1049.2*	237.5	119.6
85°	2.3	2.7	14.6	78.4	178.7	328.8	474.6	463.3	*428.8*	47.2	61.4
87.5°	0.0	0.0	1.0	23.9	53.1	154.1	246.8	192.3	*173.4*	15.3	31.9
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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REPORT NUMBER: P386720
CATALOG NUMBER: GPC-SA2B-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5	1983.5
2.5°	1978.5	1975.2	1957.2	1931.3	1906.7	1876.2	1847.0	1829.3	1815.4	1806.1	1817.1
5°	1983.8	1969.2	1914.7	1845.0	1776.5	1699.5	1627.7	1567.0	1543.1	1516.5	1528.4
7.5°	1982.1	1954.6	1856.6	1732.4	1606.8	1477.0	1354.1	1259.4	1210.3	1162.1	1174.4
10°	1973.8	1927.3	1778.9	1594.9	1406.9	1220.2	1045.9	913.3	839.3	772.2	781.8
12.5°	1955.6	1890.8	1687.2	1437.4	1186.0	939.9	735.7	565.9	474.9	434.8	439.7
15°	1944.6	1855.3	1590.2	1278.0	950.2	654.6	449.7	334.5	292.9	279.7	281.3
17.5°	1939.3	1821.0	1489.9	1095.7	709.1	416.8	290.6	256.4	247.4	245.1	245.8
20°	1934.0	1786.5	1386.6	915.3	488.6	280.3	238.8	228.8	225.5	222.5	223.2
22.5°	1925.0	1753.3	1275.7	732.7	329.5	227.5	215.2	205.6	198.6	195.0	195.6
25°	1914.0	1718.4	1162.4	545.7	240.5	202.9	191.3	177.7	169.4	162.7	163.1
27.5°	1896.4	1675.6	1045.5	397.2	201.9	181.7	166.1	151.1	137.2	129.5	129.5
30°	1871.9	1627.1	915.7	284.3	181.0	160.7	141.8	123.2	108.3	101.3	100.6
32.5°	1844.6	1576.6	784.5	215.5	164.4	141.2	119.6	100.0	86.7	81.0	80.7
35°	1821.4	1522.1	653.6	180.7	147.8	122.2	98.6	82.0	71.4	66.8	66.4
37.5°	1806.4	1467.7	526.1	161.4	132.9	104.6	82.7	67.8	60.1	56.5	56.1
40°	1804.1	1427.1	409.5	146.8	118.9	89.0	69.1	57.5	50.5	46.5	46.2
42.5°	1834.3	1403.9	314.2	134.5	104.6	75.4	58.8	49.2	41.8	37.9	37.5
45°	1913.7	1411.2	241.8	123.6	90.3	63.8	49.8	40.9	34.2	31.2	30.6
47.5°	2058.5	1461.7	192.3	112.6	76.7	54.1	42.5	33.9	28.2	25.2	24.9
50°	2316.2	1580.3	160.7	100.6	64.1	46.2	35.2	27.6	22.9	20.3	19.9
52.5°	2658.3	1791.5	143.5	89.0	53.1	39.2	28.9	21.9	17.9	15.9	15.6
55°	3035.6	2047.2	132.2	76.4	43.5	32.5	22.9	17.3	13.9	12.3	11.6
57.5°	3404.0	2268.8	121.6	64.1	36.2	26.6	18.3	13.6	11.0	9.3	9.0
60°	3742.4	2472.3	109.3	51.5	29.6	20.9	14.3	10.6	8.6	7.0	7.0
62.5°	4104.7	2629.8	92.3	40.2	24.2	15.9	11.6	9.6	7.0	6.0	5.6
65°	4488.7	2746.7	72.4	31.2	18.9	12.0	9.6	10.0	5.6	4.3	4.0
67.5°	4772.3	2723.4	53.5	24.6	14.6	9.3	9.3	10.6	5.0	3.3	3.0
69°	*4709.9*	*2534.5*	*44.8*	*21.3*	*12.6*	*8.0*	*8.6*	*10.6*	*4.6*	*3.0*	*2.7*
70°	4528.9	2325.2	39.5	18.9	11.3	7.3	8.3	10.3	4.3	3.0	2.7
72.5°	3771.6	1751.3	30.9	14.3	9.0	6.0	7.0	9.0	4.3	3.0	2.3
75°	2837.0	1120.9	23.6	10.3	6.6	4.6	5.3	6.6	4.3	2.7	2.3
77.5°	1543.7	404.2	16.9	7.0	4.6	3.7	3.7	5.0	4.0	2.0	1.3
80°	396.9	101.6	10.6	4.6	3.7	2.7	2.3	3.3	2.3	0.3	0.0
82.5°	98.0	22.9	5.6	3.3	2.7	1.0	1.0	1.7	1.0	0.0	0.0
85°	53.8	11.3	3.7	2.3	1.3	0.0	0.0	0.3	0.0	0.0	0.0
87.5°	27.6	3.3	1.0	0.7	0.3	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: SP1-2408-195-9

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

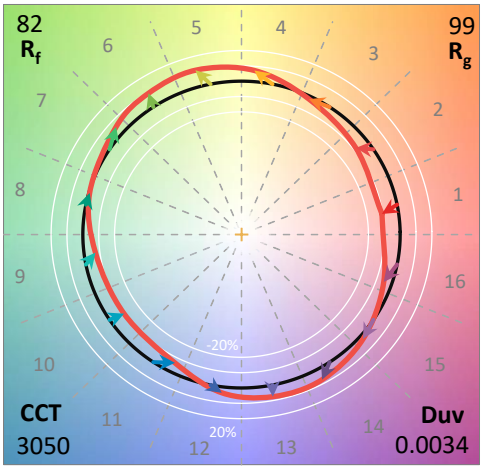
Test Information

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

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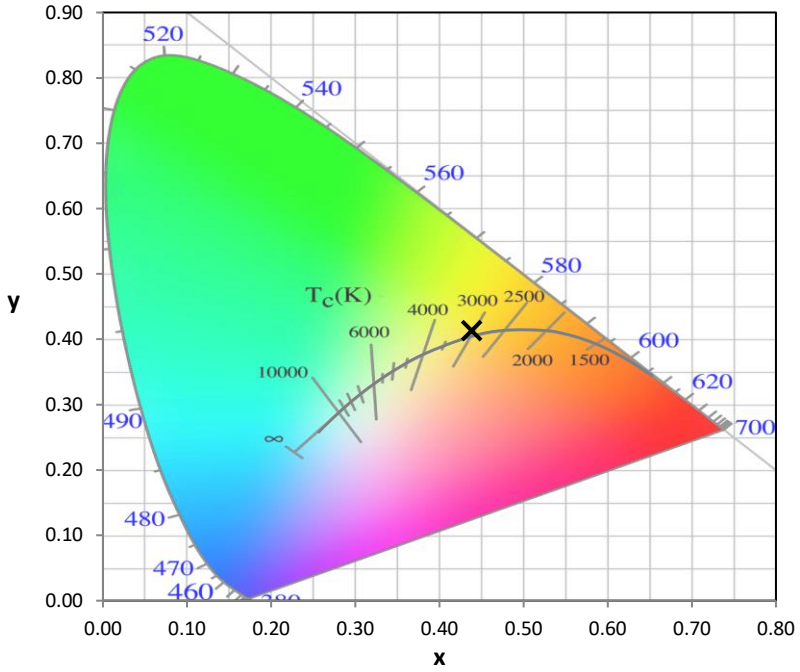
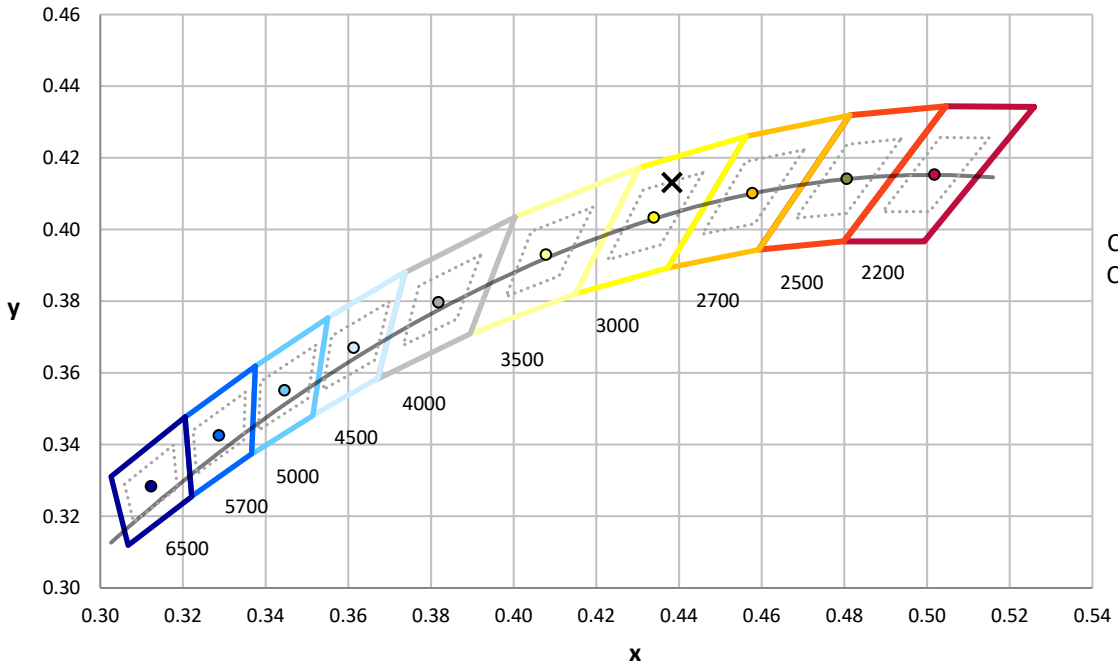
CIE 1931 Chromaticity Diagram



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

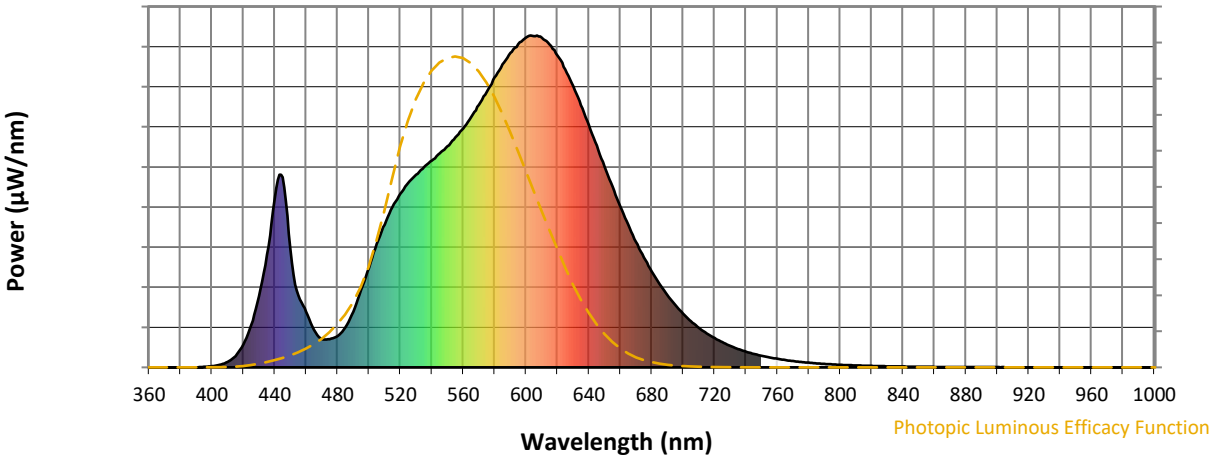


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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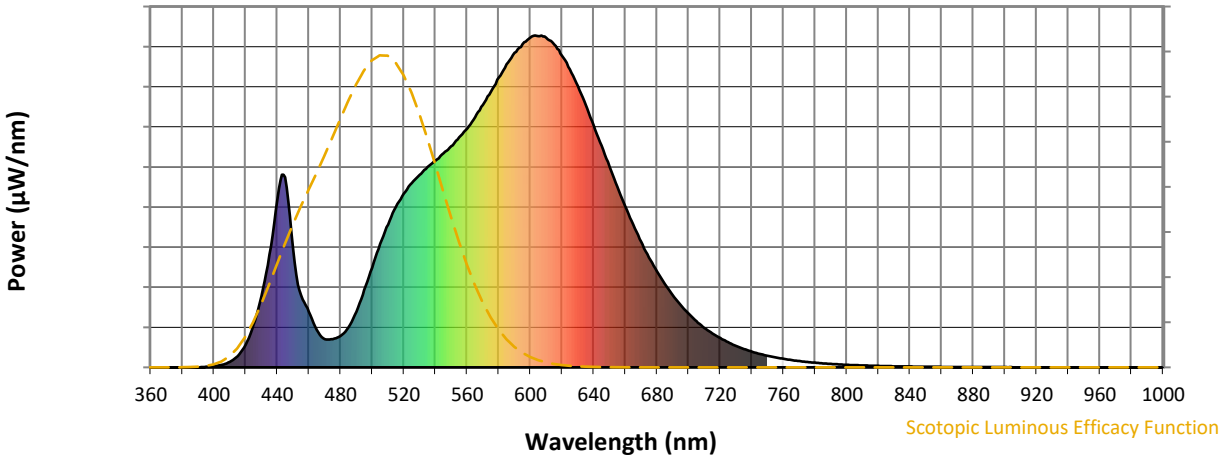
Scotopic Flux vs. Wavelength



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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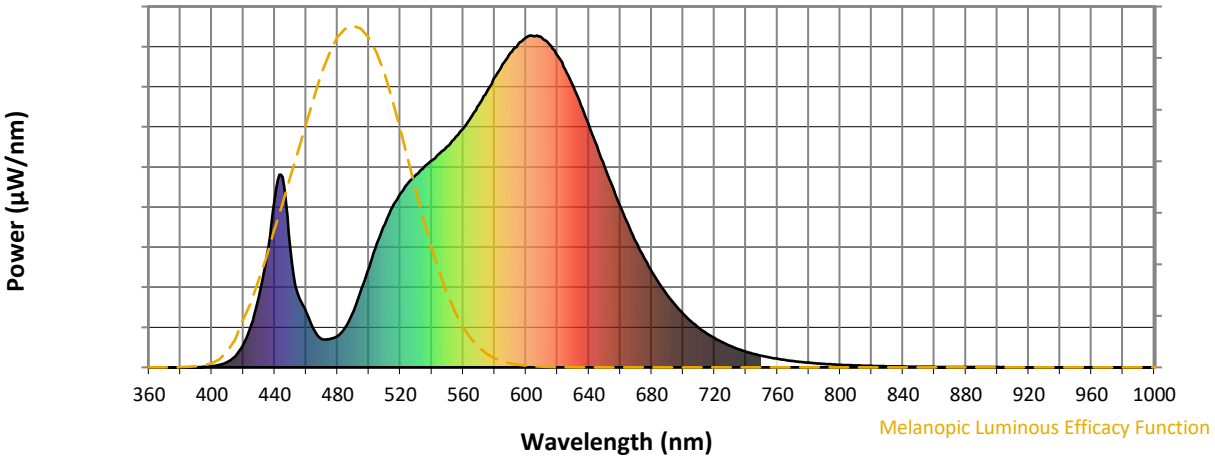
Melanopic Flux vs. Wavelength



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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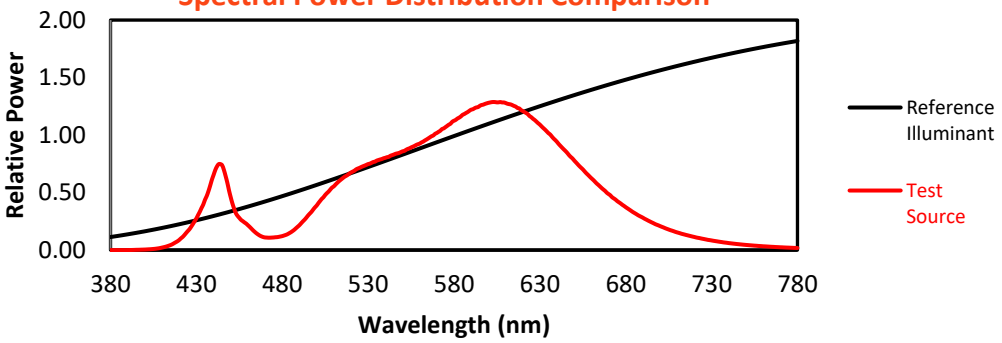
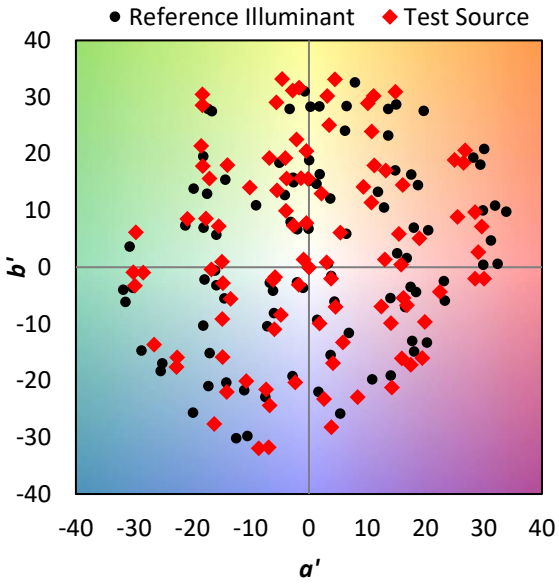
Summary

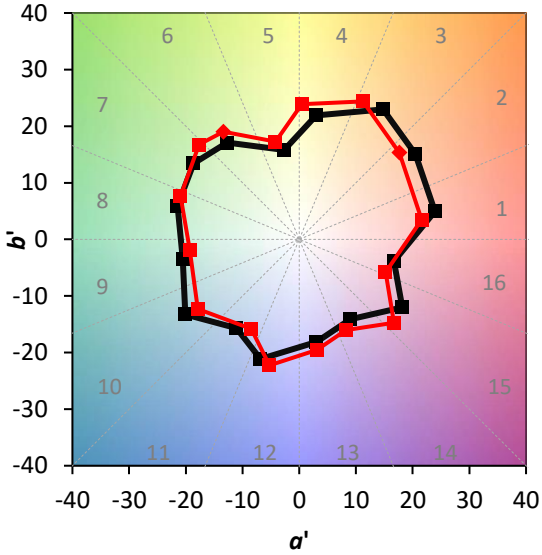
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

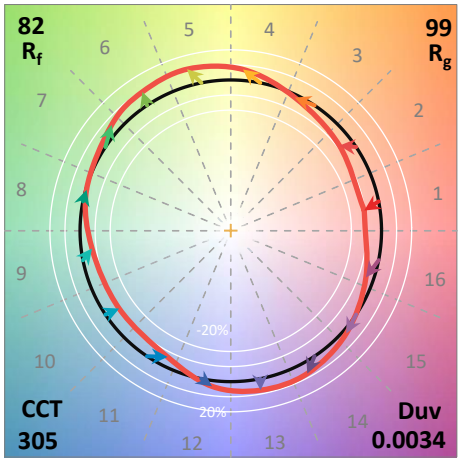
Spectral Power Distribution Comparison

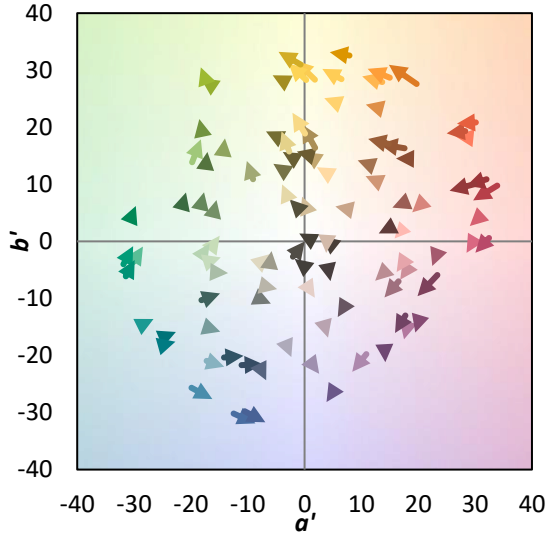


Color Vector Graphics









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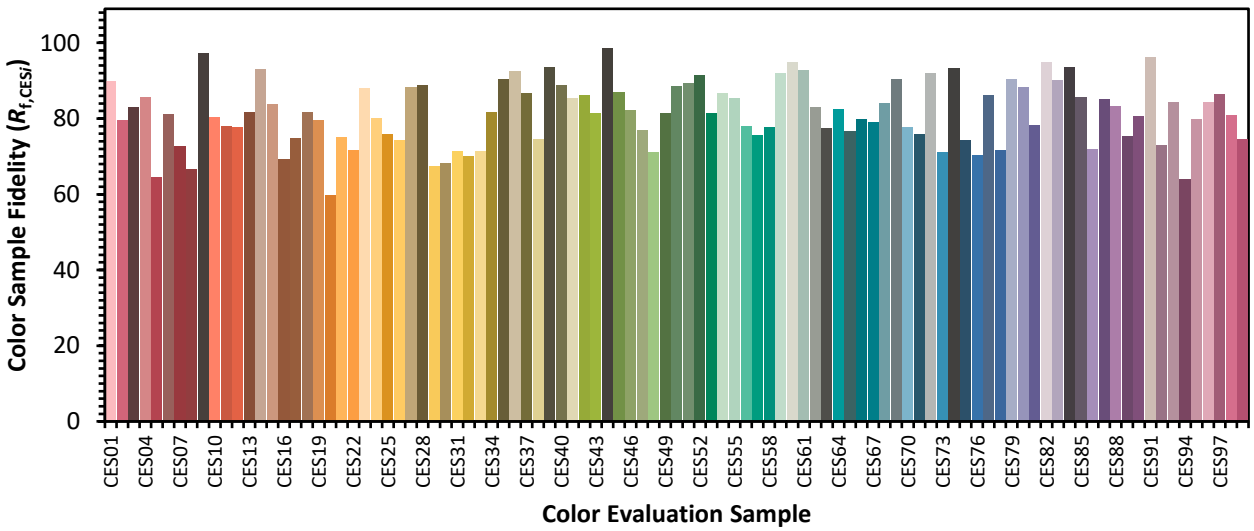
Individual Sample Fidelity Index ($R_{f,i}$)

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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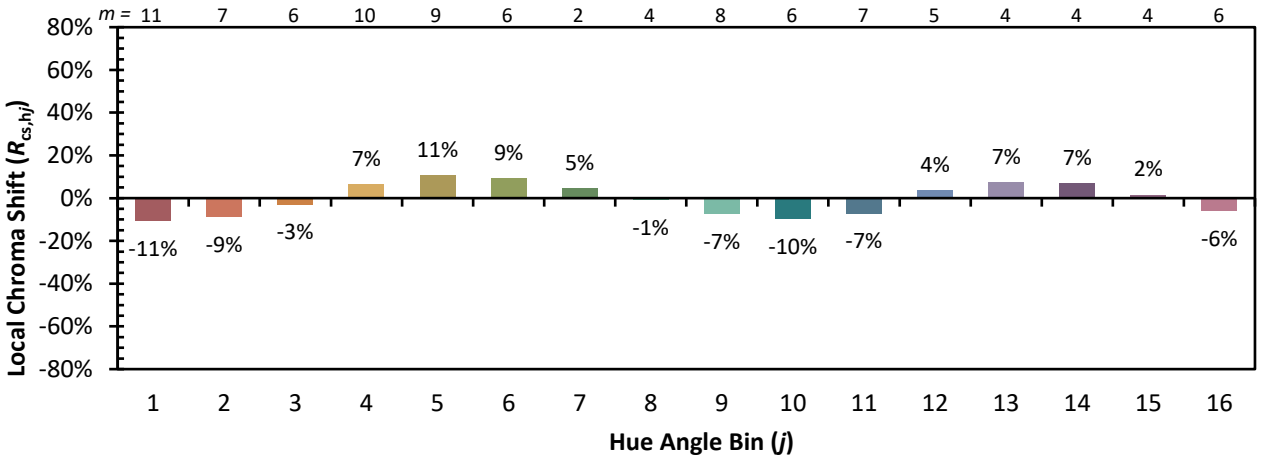
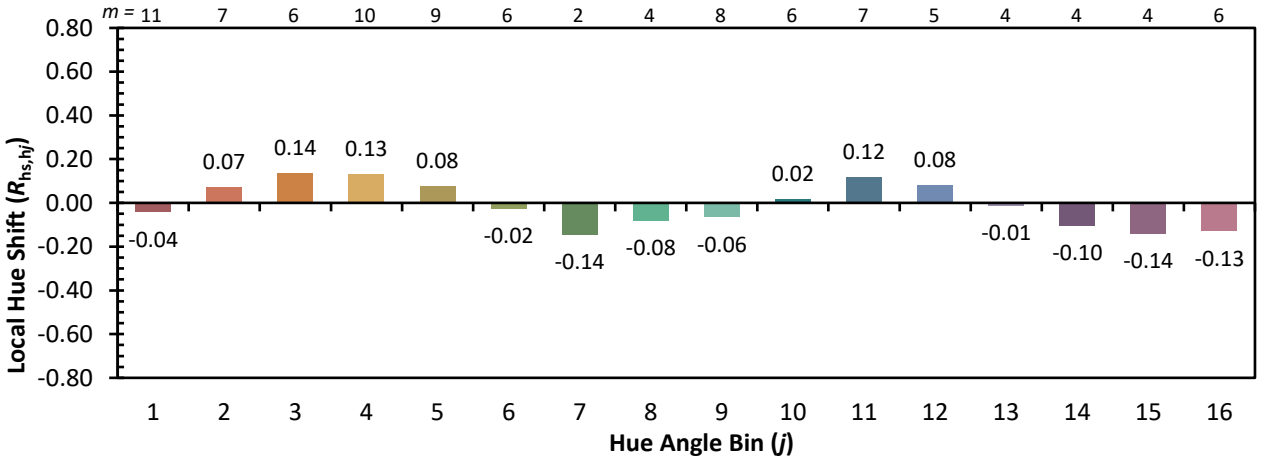
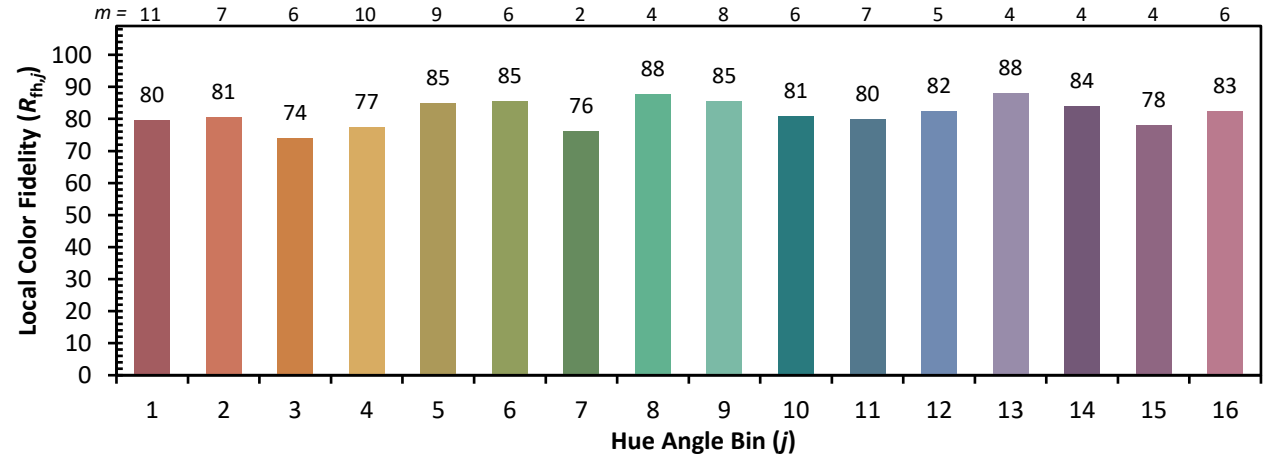
Color Rendition by Hue-Angle Bin







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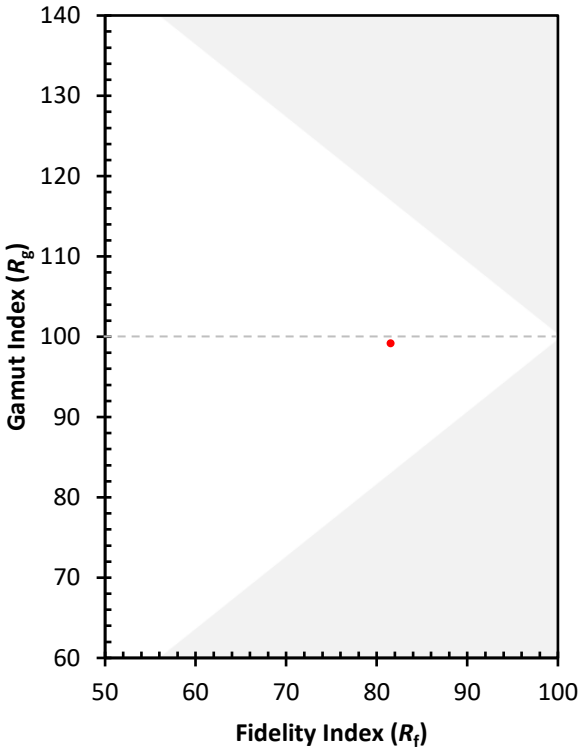
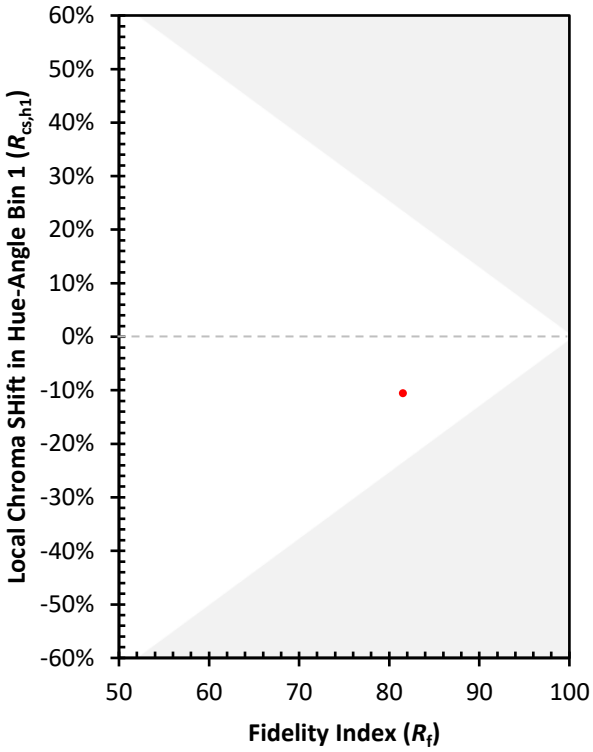
Measure Comparisons





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