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: P318555

Luminaire Tested: **GLEON-SA1B-830-U-T3**

Issue Date: 3/3/2020

Report Generated By E0585644

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:	P318555
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA1B-830-U-T3
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(1) 80 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4757 lumens
Efficiency:	N/A
Efficacy:	108.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	44
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:	24 FT

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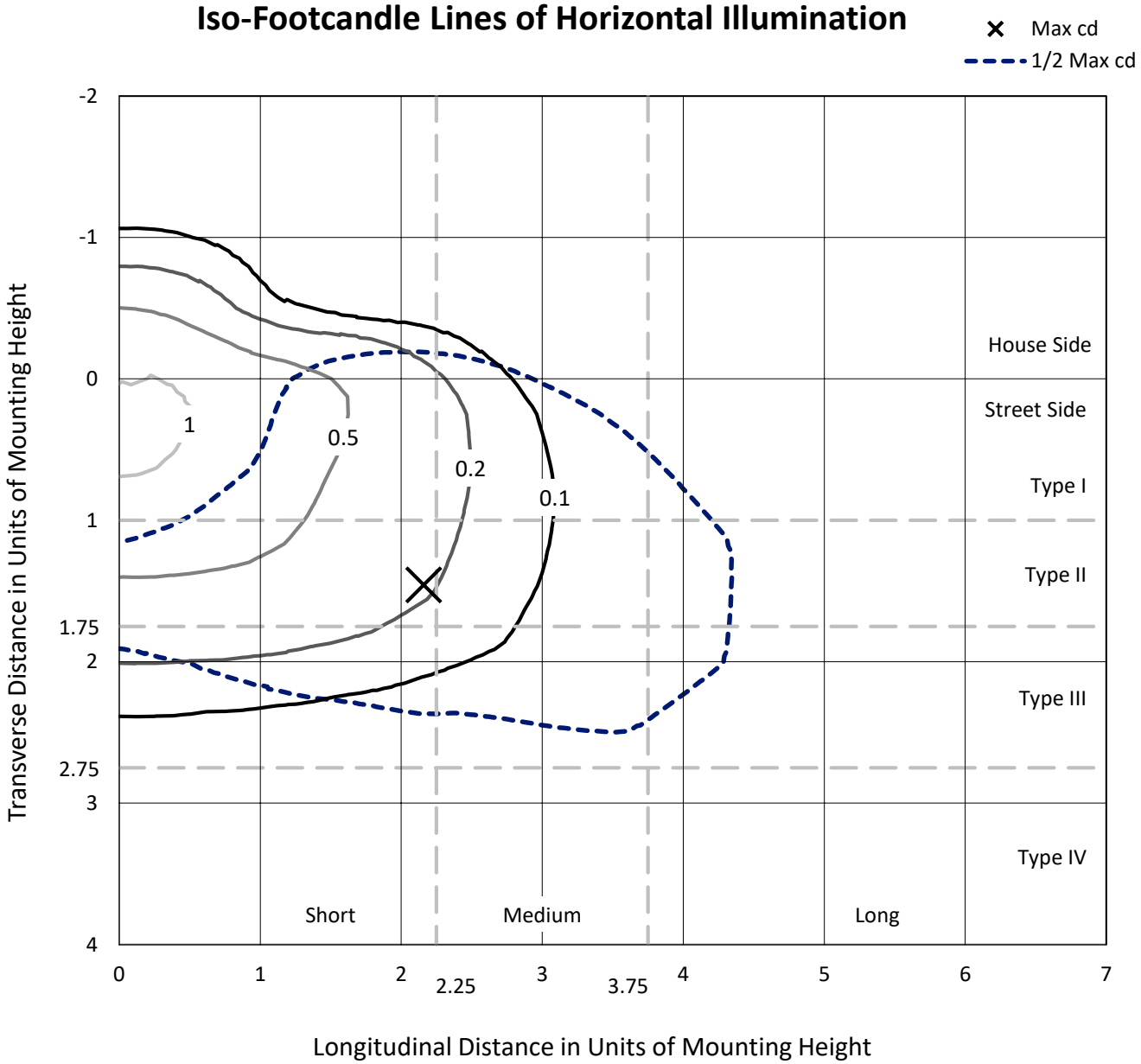
Scaled Data Report

REPORT NUMBER: P318555
CATALOG NUMBER: GLEON-SA1B-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
Type III - Short - N/A

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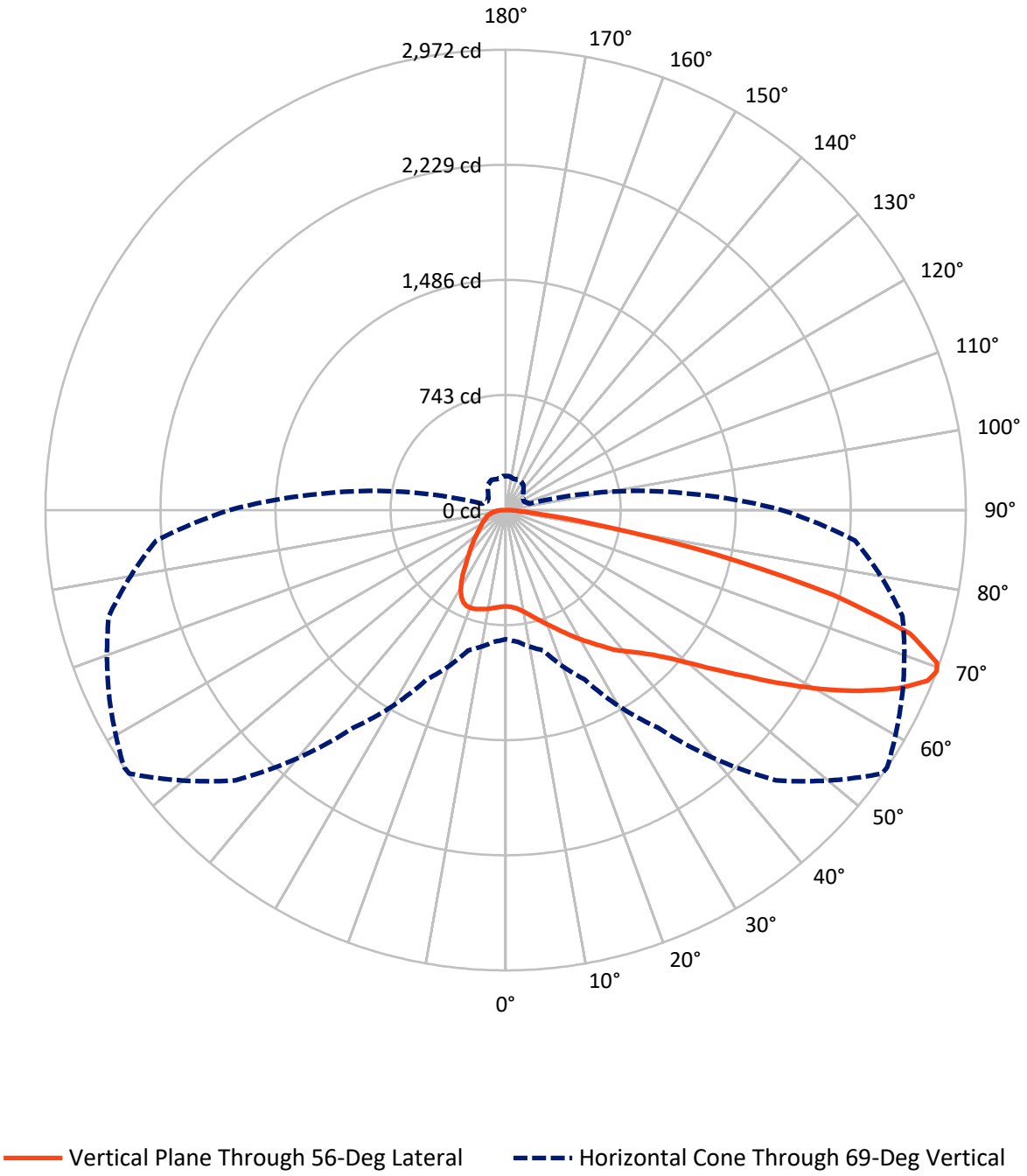
Luminous Intensity Polar Plot



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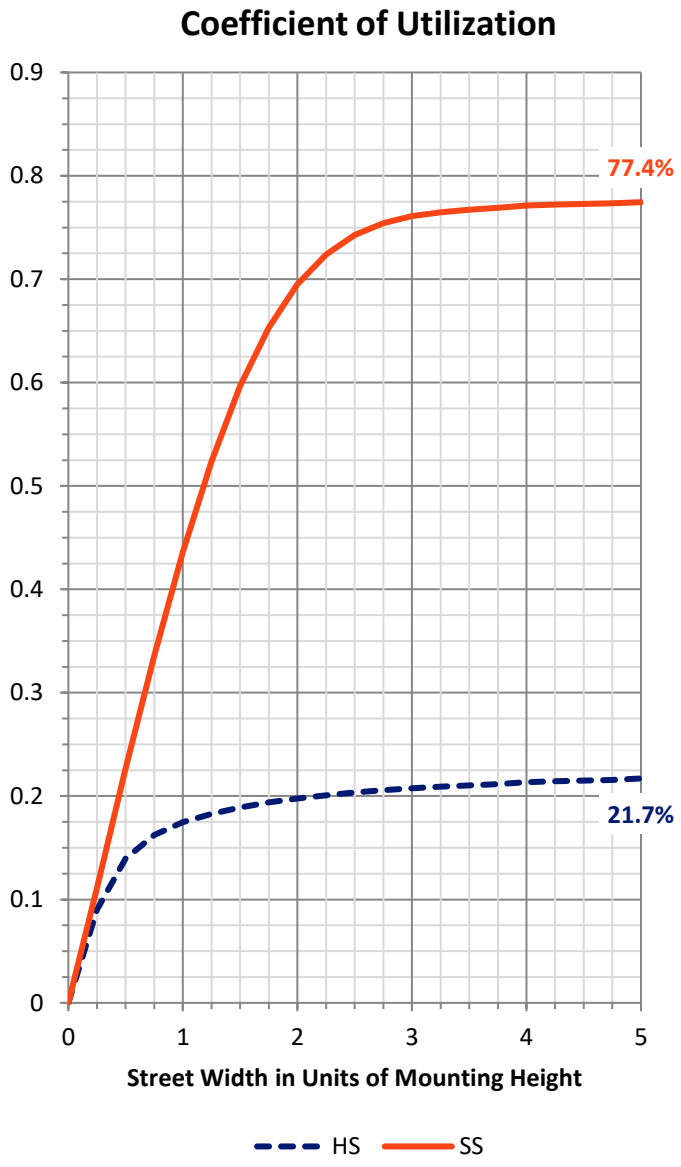
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1059.4	0.0	1059.4
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	3697.6	0.0	3697.6
	% Fixture	77.7	0.0	77.7
Total	Lumens	4757.0	0.0	4757.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	1.3
10°-20°	196.4	4.1
20°-30°	342.9	7.2
30°-40°	492.5	10.4
40°-50°	681.6	14.3
50°-60°	998.6	21.0
60°-70°	1217.5	25.6
70°-80°	673.1	14.2
80°-90°	93.2	2.0
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°	4757.0	100.0
0°-180°	4757.0	100.0



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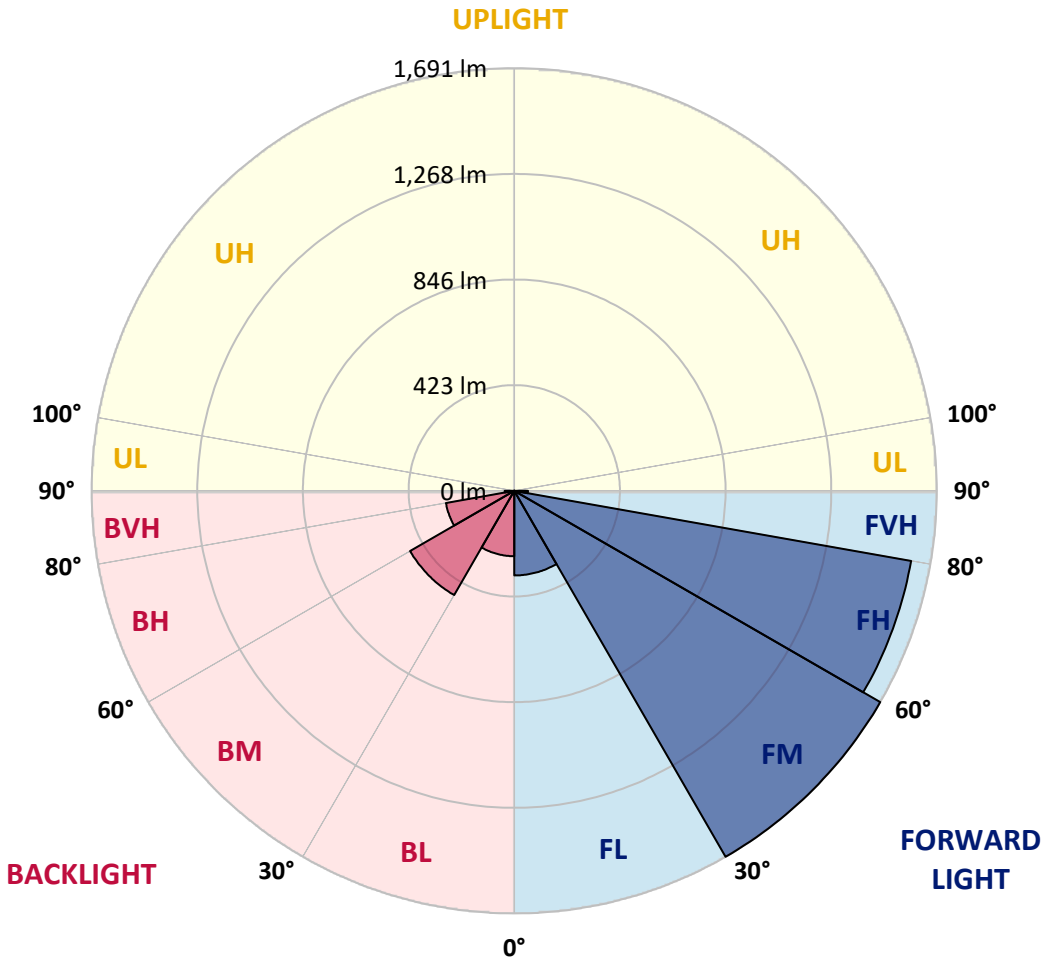
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	338.6	7.1			
FM	(30°-60°)	1691.3	35.6			
FH	(60°-80°)	1612.9	33.9			G1/1800
FVH	(80°-90°)	54.9	1.2			G1/100
BL	(0°-30°)	261.8	5.5	B1/500		
BM	(30°-60°)	481.5	10.1	B1/1000		
BH	(60°-80°)	277.8	5.8	B1/500		G1/500
BVH	(80°-90°)	38.3	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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Scaled Data Report

REPORT NUMBER: P318555
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9
2.5°	625.8	626.5	626.0	627.3	625.8	626.8	626.0	626.0	625.5	624.0	622.4
5°	635.7	637.0	636.2	637.5	635.7	636.0	634.5	634.5	633.0	629.9	626.7
7.5°	651.1	652.6	651.9	653.2	650.7	650.7	648.8	648.6	645.7	640.6	636.8
10°	669.4	671.4	670.7	672.7	670.7	671.4	669.4	669.4	665.5	658.3	653.5
12.5°	696.1	698.6	696.8	696.6	695.8	697.1	695.5	695.2	691.6	681.7	675.2
15°	731.9	734.5	730.7	730.4	725.8	725.3	725.3	724.8	722.5	710.7	699.9
17.5°	773.0	773.8	770.5	765.3	759.4	755.6	755.1	756.4	756.4	742.7	725.5
20°	813.3	814.8	812.2	806.3	798.7	793.2	789.2	791.8	791.7	775.3	750.9
22.5°	857.2	860.7	856.7	849.2	840.4	834.1	827.2	829.5	829.7	809.5	775.8
25°	914.1	911.0	908.5	897.9	885.3	878.9	872.5	874.8	874.1	846.4	801.5
27.5°	964.4	965.1	961.8	950.5	935.9	921.8	921.5	922.9	920.5	884.8	825.8
30°	1022.9	1023.2	1018.6	1008.5	992.6	974.4	970.1	972.6	967.4	921.1	851.3
32.5°	1081.1	1082.7	1077.6	1065.4	1052.6	1030.4	1021.9	1023.6	1010.5	958.3	877.7
35°	1132.0	1134.3	1132.7	1124.5	1110.6	1091.6	1081.4	1080.4	1064.2	1003.9	912.6
37.5°	1184.0	1186.1	1184.3	1177.4	1171.9	1151.7	1146.3	1146.3	1118.1	1050.4	957.0
40°	1237.4	1240.7	1238.6	1229.1	1224.3	1215.1	1202.2	1199.1	1168.6	1106.3	1029.5
42.5°	1287.1	1291.3	1299.9	1294.3	1284.6	1285.9	1259.9	1258.2	1235.9	1188.9	1120.4
45°	1357.5	1363.8	1378.2	1373.9	1372.0	1364.8	1333.8	1332.3	1323.8	1300.0	1233.3
47.5°	1434.4	1442.9	1469.0	1469.8	1490.9	1477.3	1435.2	1430.1	1432.1	1433.1	1371.1
50°	1505.2	1514.5	1557.3	1577.5	1627.3	1630.2	1562.9	1558.3	1566.0	1588.6	1531.7
52.5°	1561.7	1573.5	1627.0	1689.2	1774.6	1798.9	1720.0	1716.6	1722.3	1761.3	1713.3
55°	1603.2	1616.0	1674.1	1787.5	1923.9	1966.7	1901.0	1897.7	1901.3	1950.9	1910.8
57.5°	1612.9	1616.0	1700.4	1853.8	2049.9	2152.7	2122.3	2115.8	2098.1	2141.4	2128.7
60°	1567.5	1579.9	1678.7	1877.0	2147.4	2336.0	2353.7	2345.5	2295.9	2331.3	2321.1
62.5°	1475.4	1497.7	1597.9	1841.6	2185.6	2485.8	2580.7	2570.9	2485.3	2508.3	2459.4
65°	1324.9	1334.4	1439.8	1719.5	2137.1	2581.7	2783.1	2778.2	2670.5	2634.6	2485.0
67.5°	1055.8	1073.7	1163.2	1464.4	1938.6	2570.4	2939.6	2939.1	2791.4	2681.5	2394.4
69°	834.1	852.6	937.9	1206.3	1715.4	2467.0	2965.8	2971.5	2825.5	2653.0	2264.9
70°	665.0	686.5	745.0	1016.0	1517.3	2330.6	2944.0	2954.3	2819.0	2605.9	2145.5
72.5°	283.0	300.4	342.0	523.7	924.7	1740.4	2691.8	2730.8	2667.1	2385.0	1773.1
75°	123.6	129.0	147.8	213.5	410.5	947.2	2108.7	2180.9	2280.5	2016.0	1320.8
77.5°	90.5	92.8	103.1	125.4	184.2	357.7	1356.1	1398.0	1644.7	1467.0	810.2
80°	70.0	71.6	79.6	92.1	120.3	144.7	618.5	654.5	924.7	753.5	337.4
82.5°	55.7	56.9	62.4	67.8	83.1	87.7	205.3	227.8	341.4	208.1	89.3
85°	51.8	53.1	55.1	49.5	53.3	51.5	88.8	92.9	103.1	81.8	37.4
87.5°	23.4	27.7	54.6	38.5	28.4	22.6	36.4	38.0	42.8	42.9	16.6
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: P318555
CATALOG NUMBER: GLEON-SA1B-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9	621.9
2.5°	623.4	622.9	623.7	621.7	624.2	624.0	623.2	623.5	625.2	625.0	625.2
5°	627.2	626.8	627.8	626.3	629.3	630.3	630.4	631.9	633.7	634.2	634.2
7.5°	636.7	636.7	637.1	635.2	637.1	637.0	636.2	637.6	639.4	639.6	639.4
10°	653.0	653.2	652.4	647.3	645.7	641.2	637.1	637.3	639.6	641.4	641.9
12.5°	673.7	673.0	669.4	660.1	653.2	644.2	639.9	639.8	642.1	643.5	644.0
15°	697.3	695.5	686.1	670.9	658.8	649.9	643.0	641.4	640.1	638.5	638.6
17.5°	719.6	715.5	699.9	678.8	666.0	654.2	640.9	630.3	622.9	618.6	617.3
20°	742.2	734.2	711.7	686.1	669.9	648.5	622.9	601.3	587.8	581.6	580.4
22.5°	762.8	749.9	722.7	693.8	666.8	629.1	589.0	557.5	538.8	530.5	531.1
25°	783.0	765.0	734.2	699.3	651.1	595.0	541.8	503.1	481.5	472.1	471.8
27.5°	800.7	780.2	746.6	694.8	621.7	546.5	485.9	448.2	430.2	422.1	420.8
30°	821.0	799.4	763.2	678.0	578.8	490.5	431.3	404.8	392.0	384.0	382.5
32.5°	845.8	825.4	776.8	647.3	523.9	432.0	388.7	370.2	358.6	349.5	347.9
35°	881.8	859.9	780.2	603.4	463.6	385.8	357.4	338.4	322.7	311.0	309.9
37.5°	927.0	903.0	772.3	546.5	405.1	355.8	331.4	307.9	287.4	271.0	268.4
40°	992.3	955.9	750.5	481.0	362.0	332.7	306.0	279.2	253.8	234.7	230.9
42.5°	1070.6	1018.0	717.1	415.8	330.4	309.2	280.7	247.6	223.4	209.8	207.8
45°	1170.2	1082.6	670.7	358.7	299.2	285.8	253.5	223.0	208.0	198.0	196.3
47.5°	1284.0	1155.0	622.1	312.3	272.9	263.8	231.7	212.1	200.1	192.2	190.8
50°	1423.7	1236.8	570.4	274.3	246.3	237.5	221.4	206.0	196.5	190.4	188.9
52.5°	1581.4	1329.0	533.2	244.3	224.3	218.0	216.0	202.7	195.0	190.4	188.9
55°	1751.2	1422.9	493.1	219.1	205.3	207.1	212.4	203.0	197.8	192.2	190.1
57.5°	1921.1	1519.9	448.4	197.8	190.3	199.1	209.9	203.7	199.3	193.9	191.9
60°	2055.5	1581.4	379.0	179.9	178.3	190.3	204.0	198.8	193.0	193.2	192.9
62.5°	2118.3	1578.1	302.5	164.0	166.3	178.3	194.5	191.1	186.3	192.7	193.2
65°	2083.0	1499.5	235.5	149.6	153.6	165.8	184.7	187.3	188.9	201.2	202.9
67.5°	1935.2	1346.4	182.4	137.0	141.9	157.3	185.7	204.0	206.2	219.1	218.9
69°	*1782.3*	*1202.8*	*158.5*	*130.4*	*136.2*	*159.5*	*198.5*	*214.7*	*206.6*	*220.4*	*218.4*
70°	1654.2	1089.3	145.7	126.0	133.6	163.2	207.0	214.5	204.2	216.0	212.7
72.5°	1274.0	783.7	123.6	117.8	124.7	156.2	209.4	209.8	198.5	200.7	195.2
75°	873.8	495.2	107.8	106.7	111.3	140.8	201.6	200.4	183.5	180.3	175.7
77.5°	481.8	251.5	91.6	96.0	99.1	124.7	183.2	181.6	167.6	160.8	159.1
80°	185.8	110.1	77.3	85.4	87.3	108.0	160.6	159.1	147.5	138.6	136.2
82.5°	70.1	57.7	63.9	73.9	73.3	89.1	136.0	135.2	123.9	110.9	107.0
85°	32.4	34.6	50.6	61.0	56.2	66.0	108.8	110.3	96.5	81.1	81.1
87.5°	13.8	19.3	35.9	46.0	37.9	44.6	79.8	76.2	70.0	48.5	45.6
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: SP1-2408-195-9

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

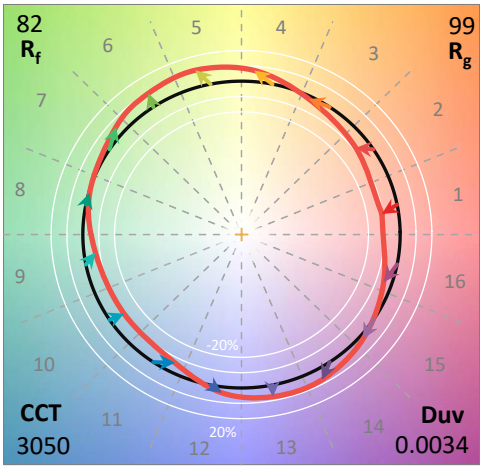
Test Information

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

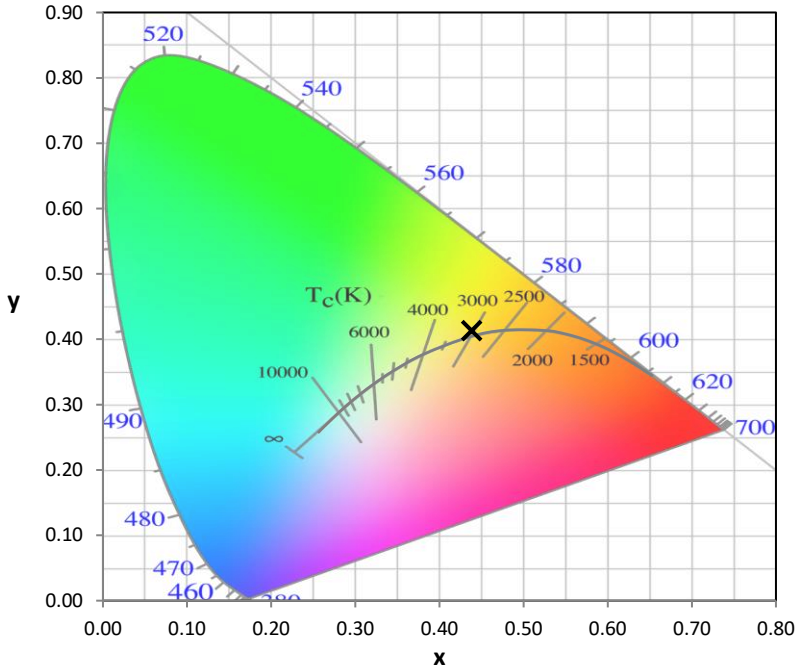
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

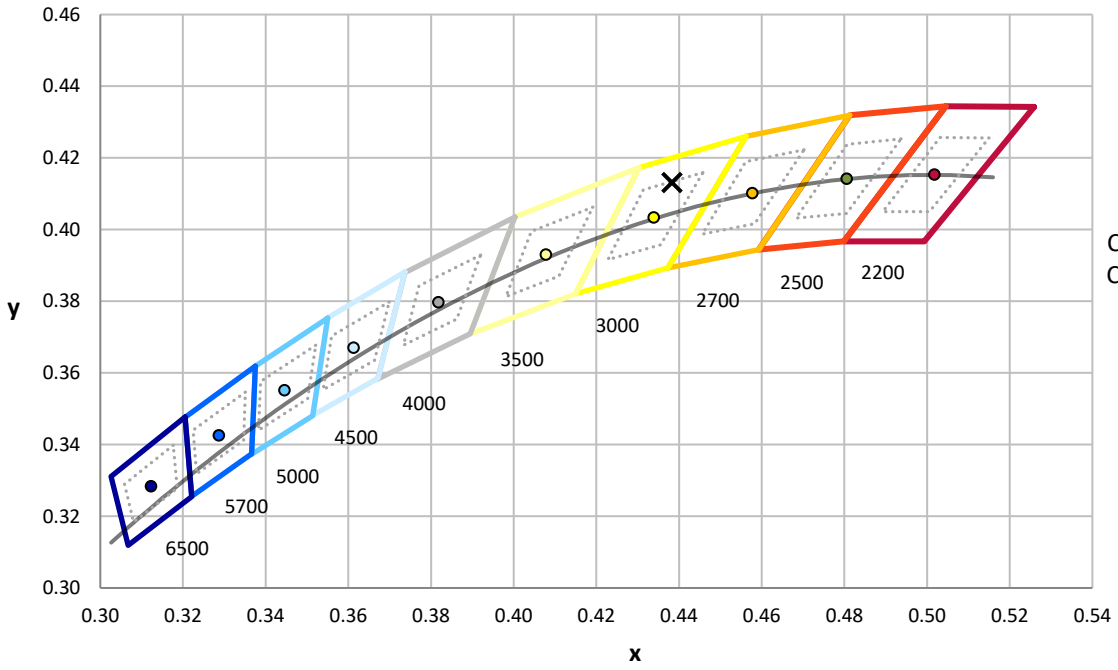
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

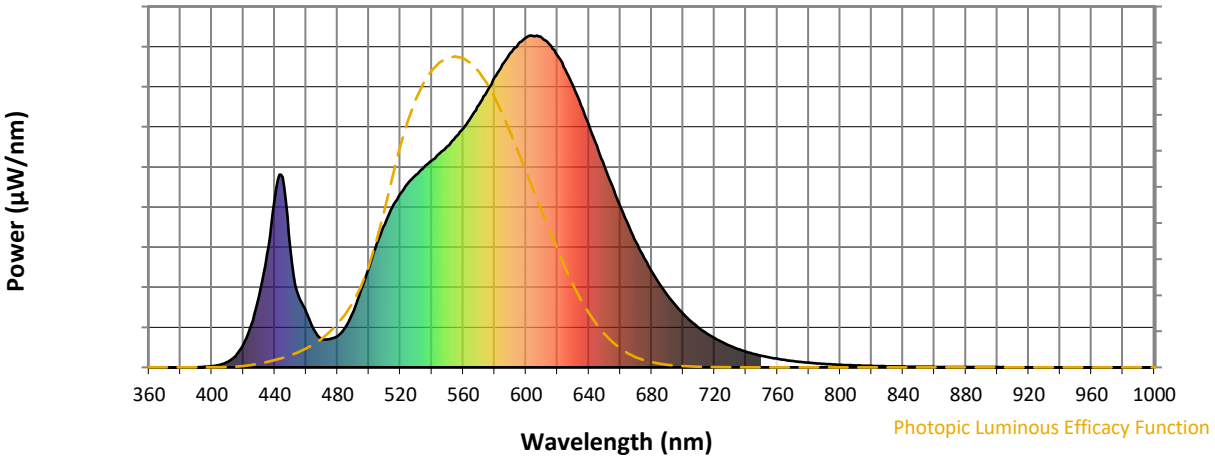


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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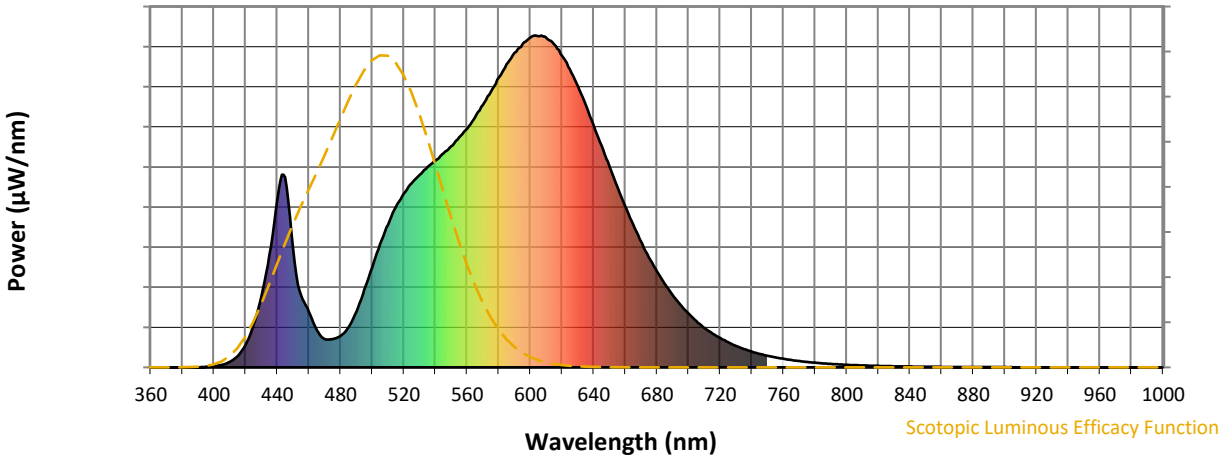
Scotopic Flux vs. Wavelength



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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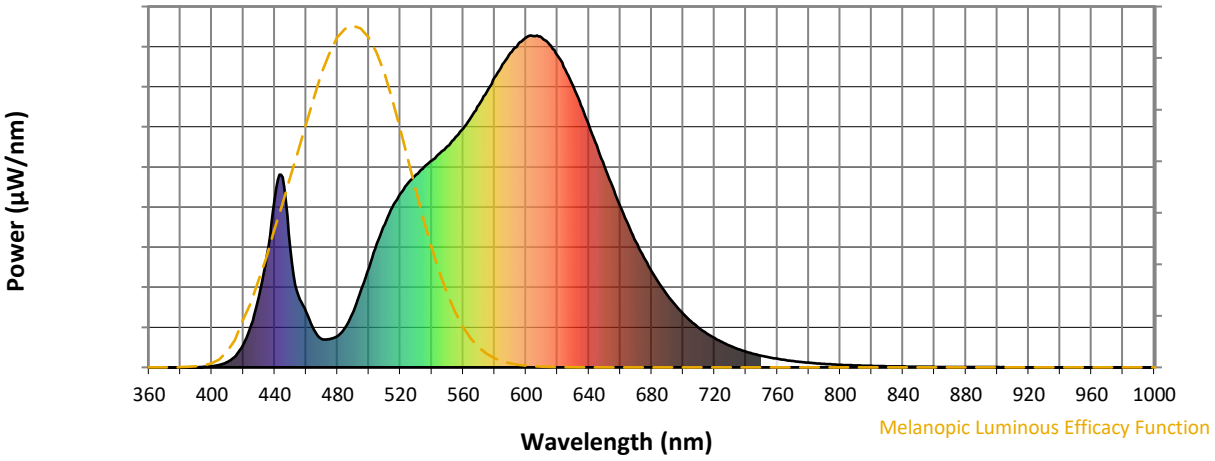
Melanopic Flux vs. Wavelength



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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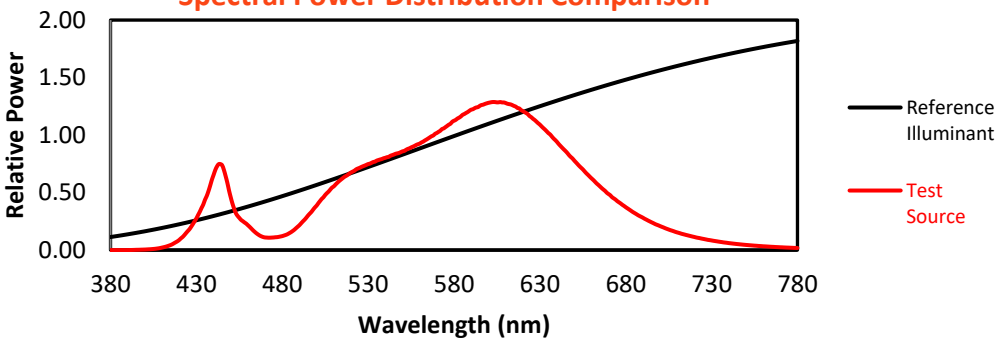
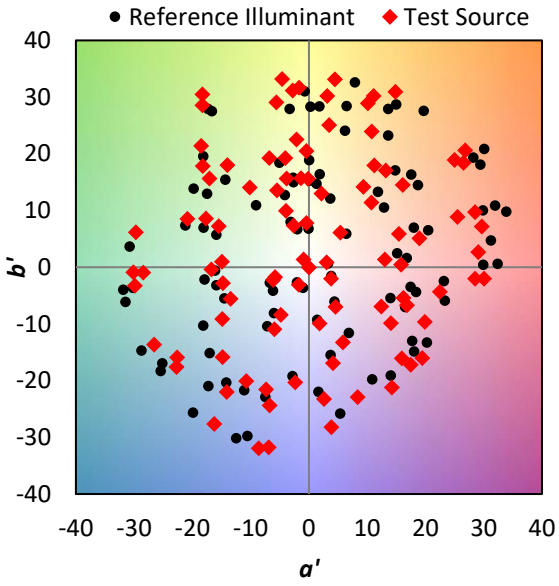
Summary

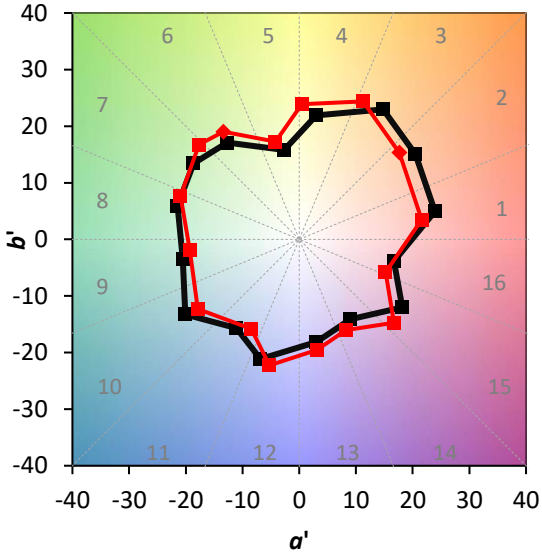
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

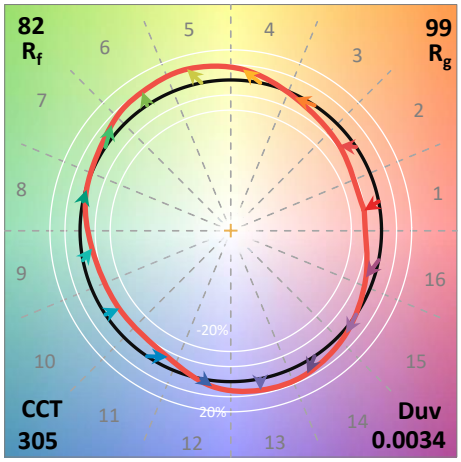
Spectral Power Distribution Comparison

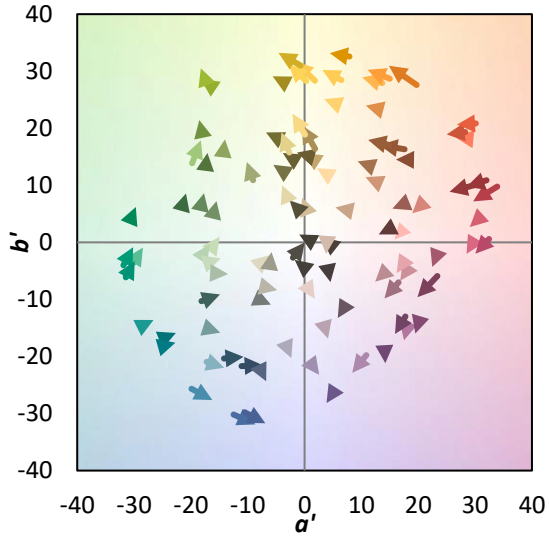


Color Vector Graphics









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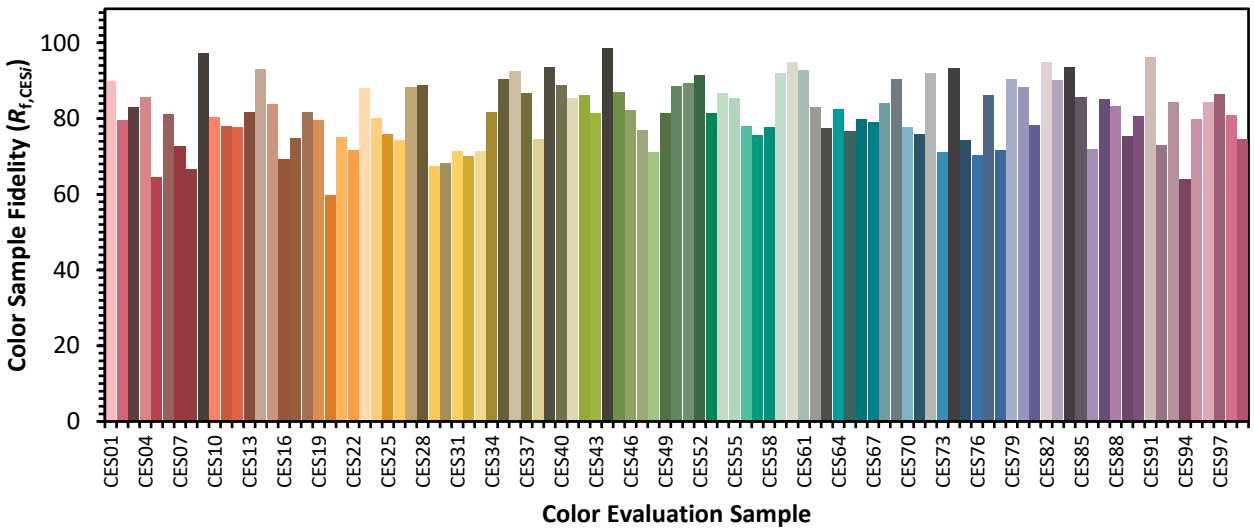
Individual Sample Fidelity Index ($R_{f,i}$)

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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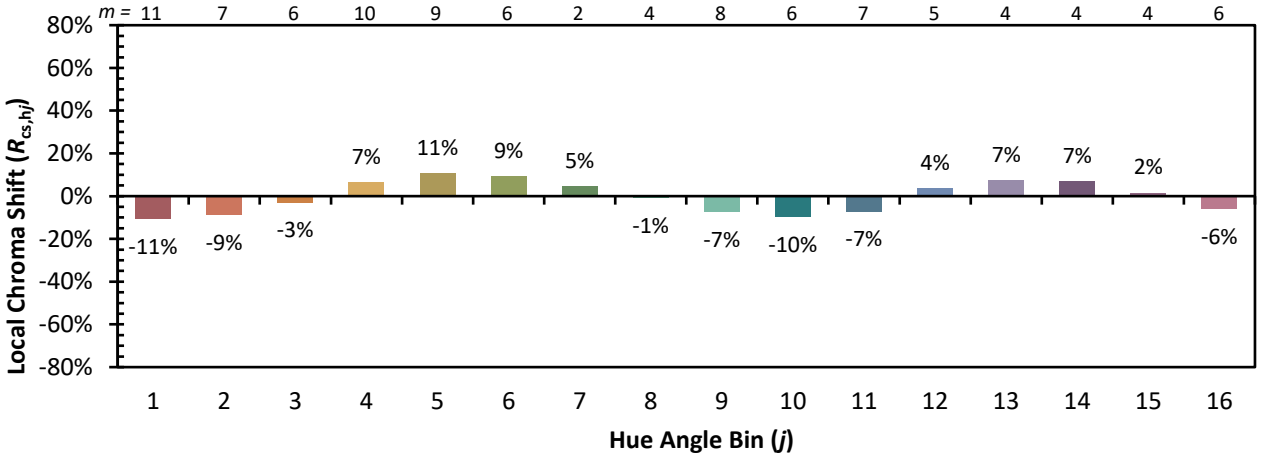
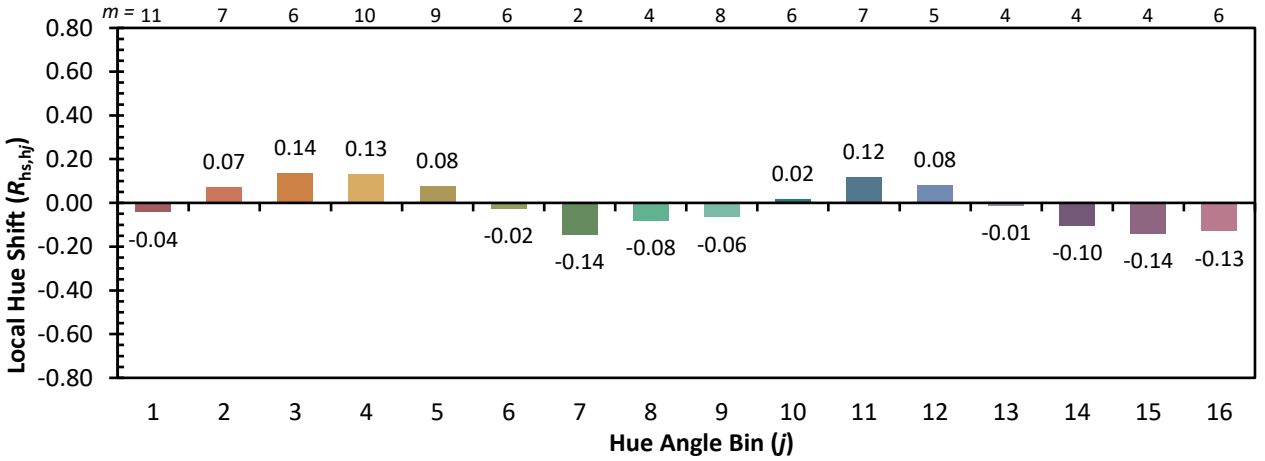
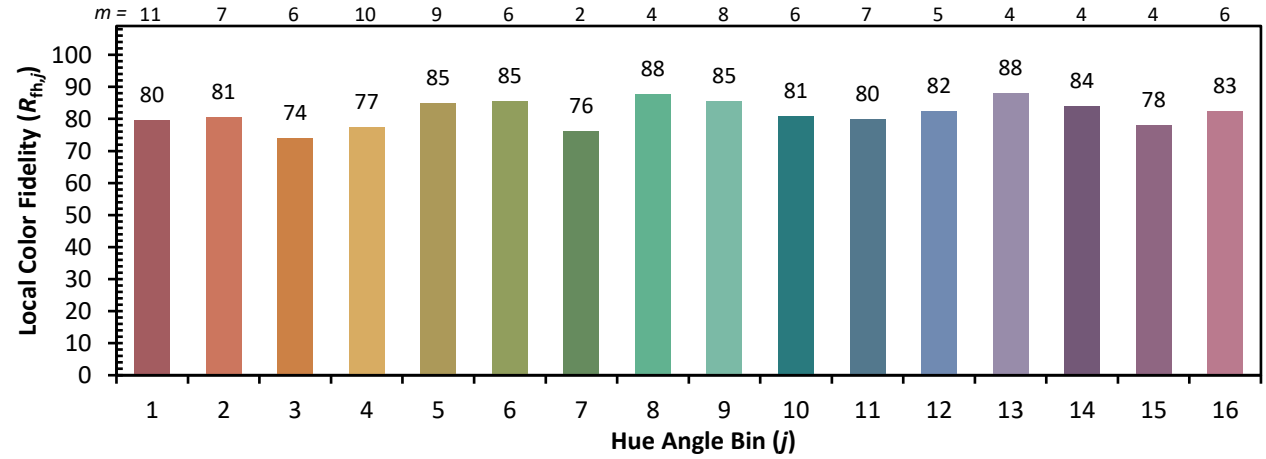
Color Rendition by Hue-Angle Bin







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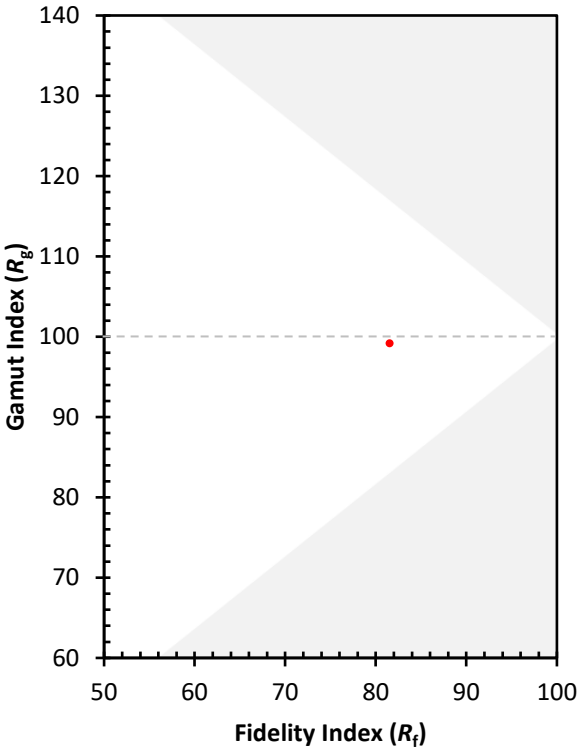
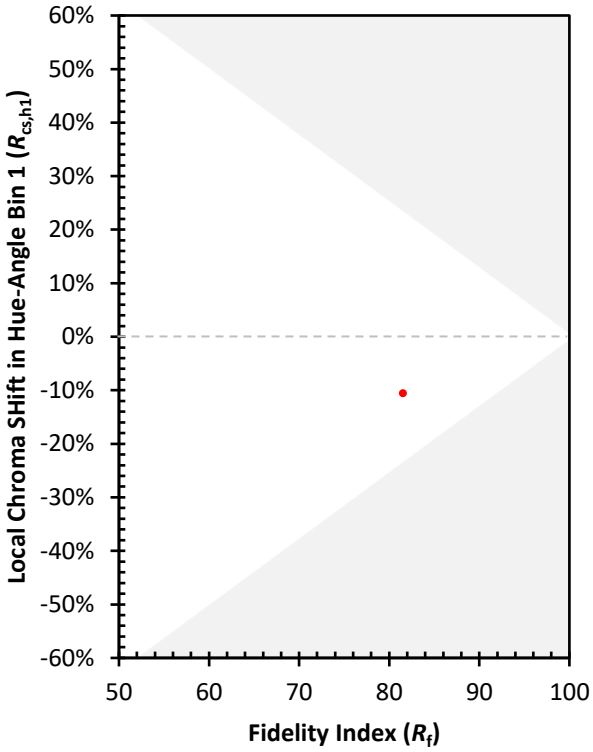
Measure Comparisons





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