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

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Peachtree City, GA 30269

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: P1197477

Luminaire Tested: GPC-SB1A-830-U-AFL-HSS

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:	P1197477
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3455 lumens
Efficiency:	N/A
Efficacy:	111.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G0

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

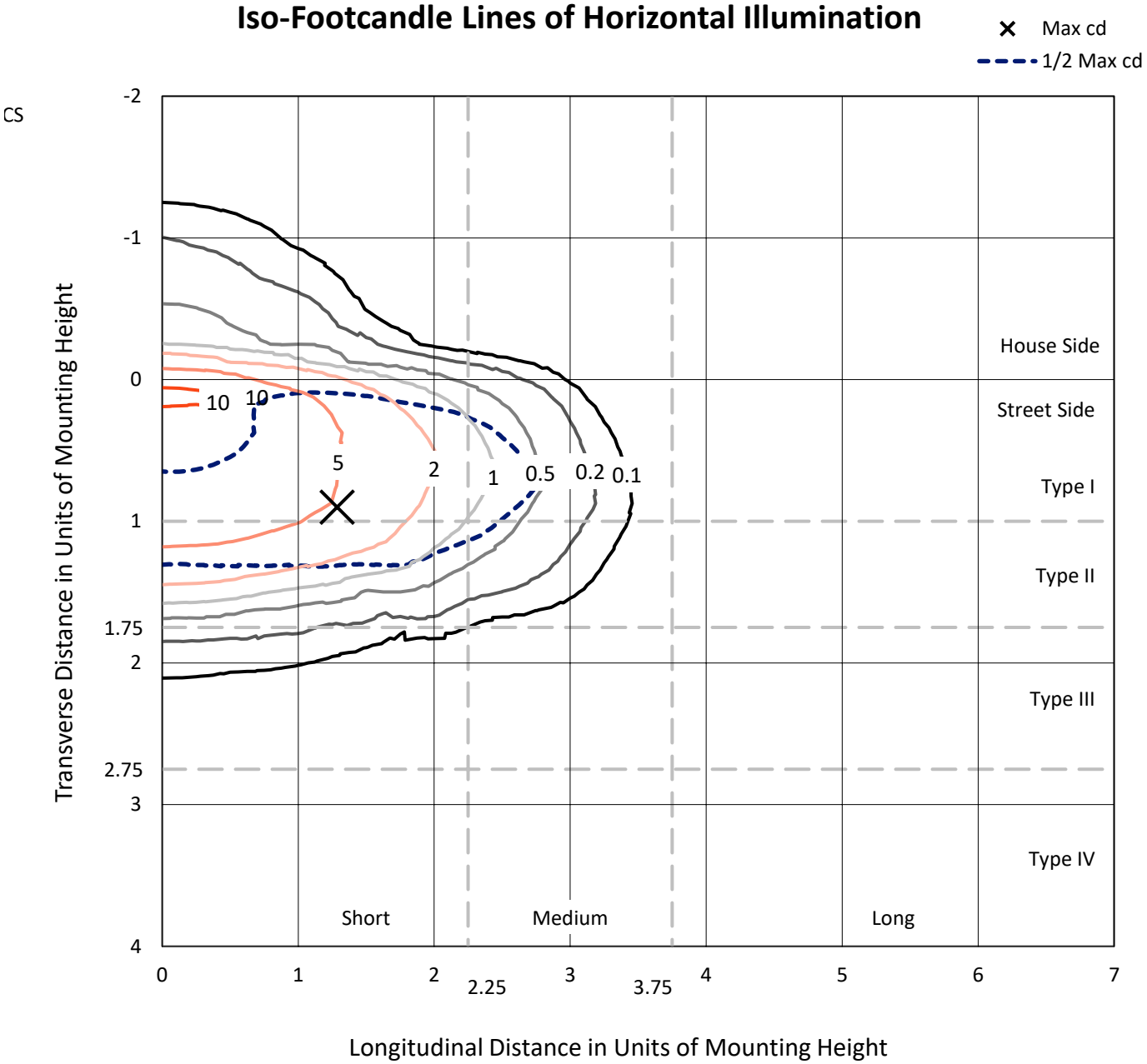


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Scaled Data Report

REPORT NUMBER: P1197477
CATALOG NUMBER: GPC-SB1A-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



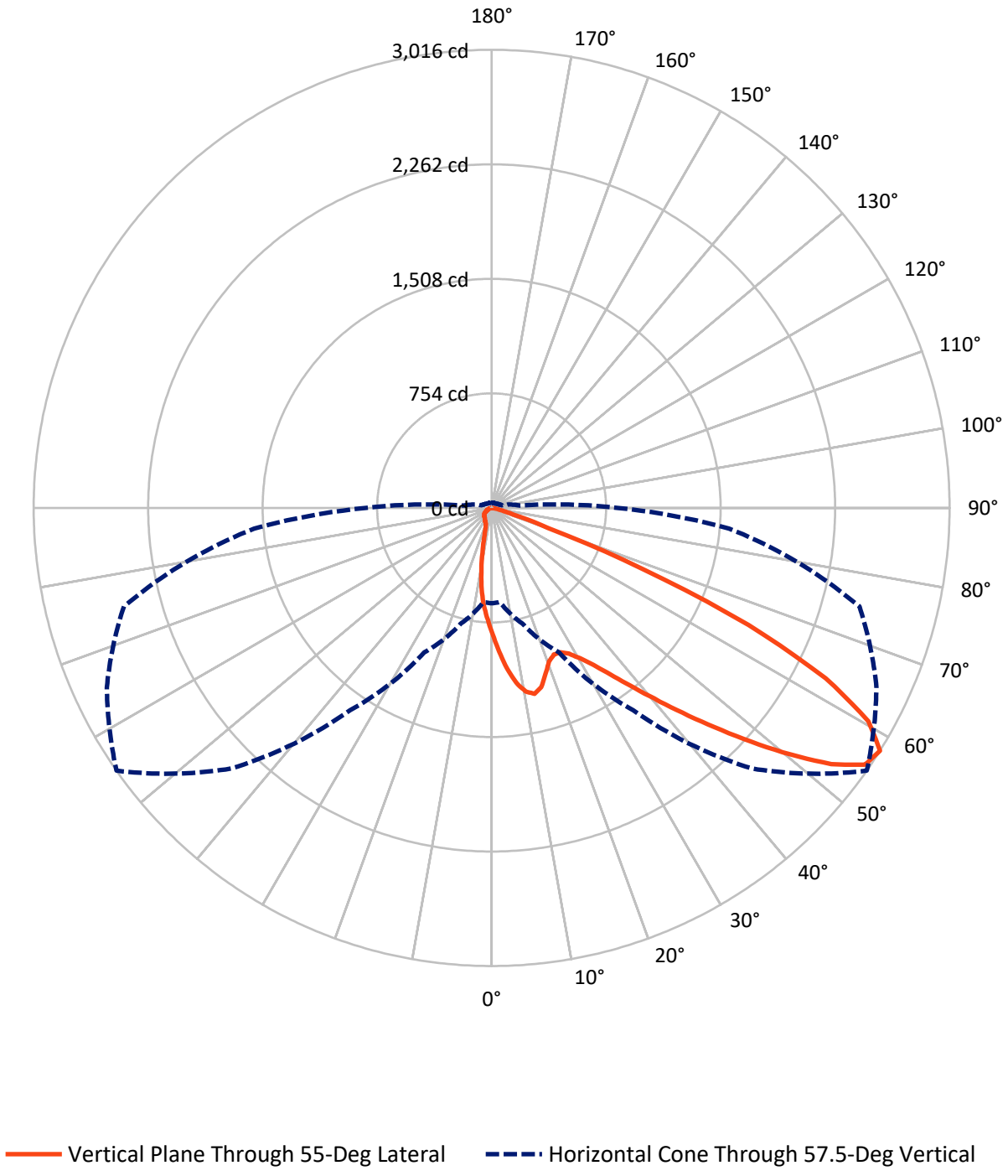
Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
Type II - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1197477
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Luminous Intensity Polar Plot



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Scaled Data Report

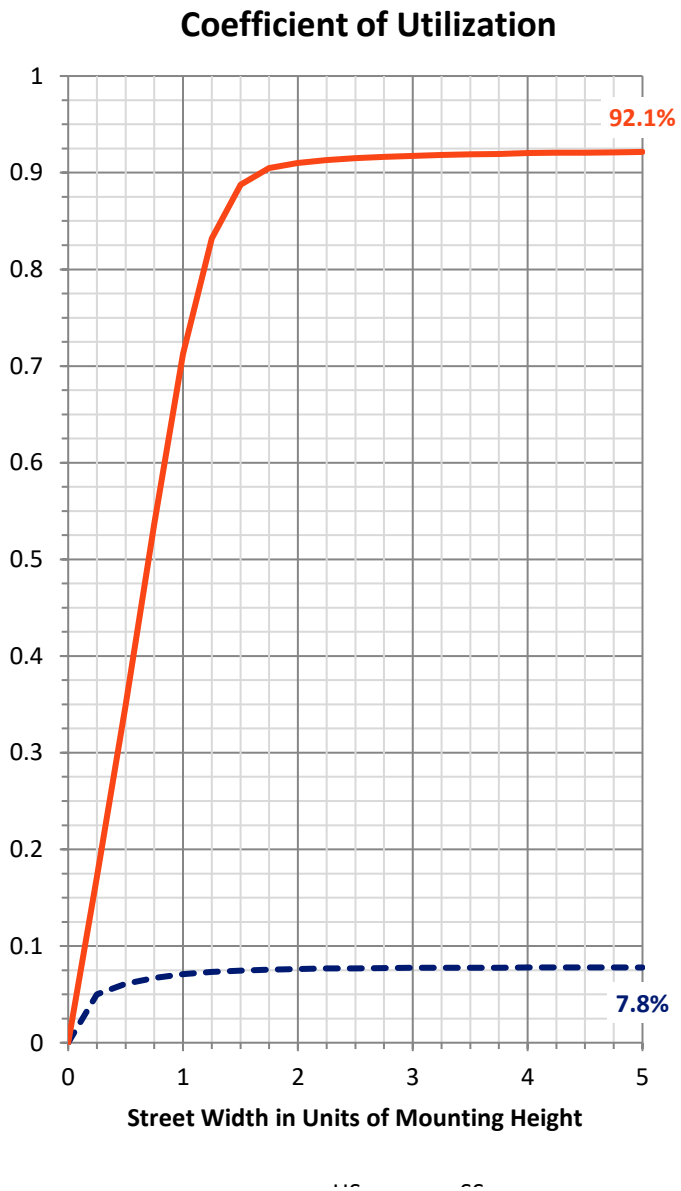
REPORT NUMBER: P1197477
CATALOG NUMBER: GPC-SB1A-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	269.8	0.0	269.8
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	3185.2	0.0	3185.2
	% Fixture	92.2	0.0	92.2
Total	Lumens	3455.0	0.0	3455.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	2.2
10°-20°	187.1	5.4
20°-30°	299.4	8.7
30°-40°	506.7	14.7
40°-50°	832.0	24.1
50°-60°	914.4	26.5
60°-70°	524.5	15.2
70°-80°	107.2	3.1
80°-90°	6.3	0.2
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°	3455.0	100.0
0°-180°	3455.0	100.0



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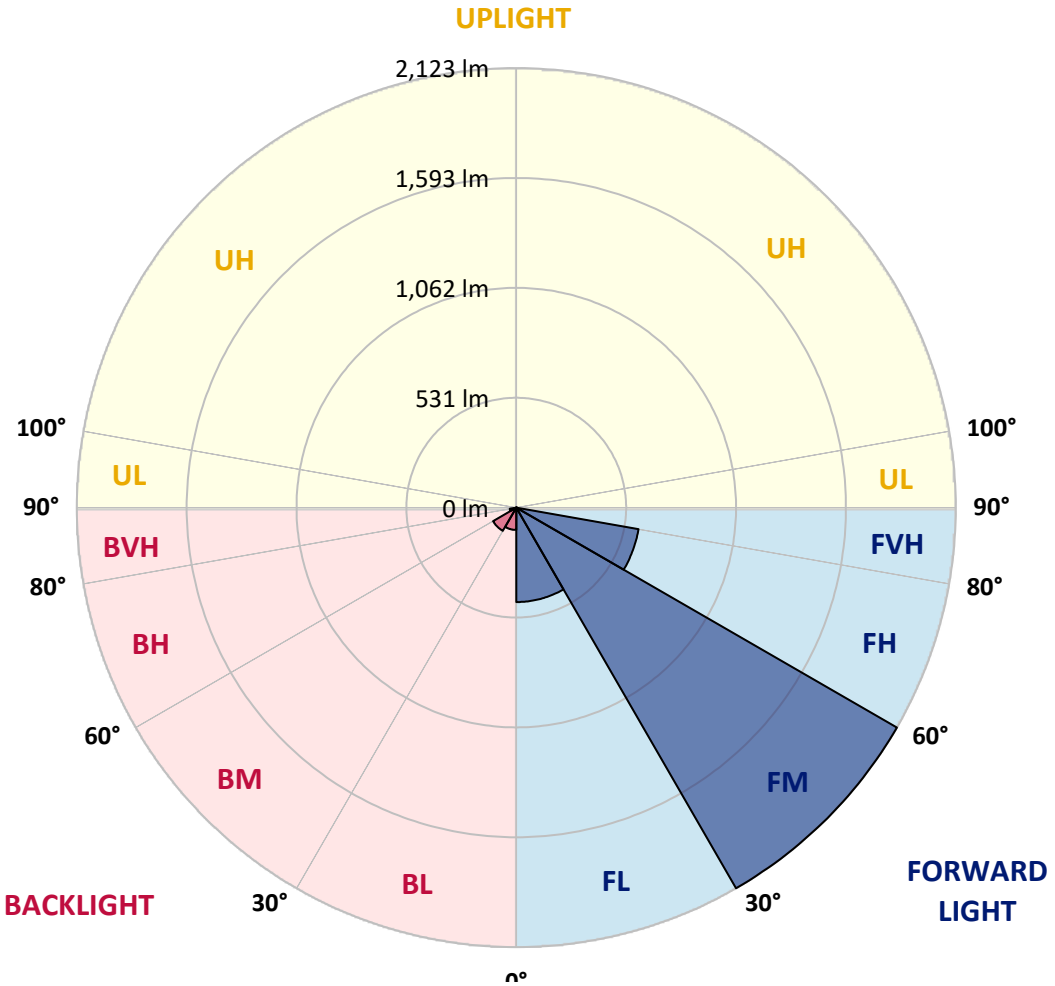
Scaled Data Report

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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°)	456.3	13.2			
FM	(30°-60°)	2123.5	61.5			
FH	(60°-80°)	599.6	17.4			G0/660
FVH	(80°-90°)	5.9	0.2			G0/10
BL	(0°-30°)	107.7	3.1	B0/110		
BM	(30°-60°)	129.6	3.8	B0/220		
BH	(60°-80°)	32.1	0.9	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0
Type II Short



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REPORT NUMBER: P1197477
CATALOG NUMBER: GPC-SB1A-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	832.6	832.6	832.6	832.6	832.6	832.6	*832.6*	832.6	832.6	832.6	832.6
2.5°	1033.0	1020.0	1018.1	1015.6	990.9	972.3	*945.5*	916.1	883.1	849.4	834.5
5°	1193.5	1183.2	1181.3	1169.4	1141.3	1109.7	*1062.0*	1001.7	940.2	867.7	836.6
7.5°	1224.6	1222.7	1231.4	1231.0	1227.1	1202.2	*1161.9*	1090.1	997.7	890.3	842.2
10°	1085.9	1090.8	1116.8	1139.6	1201.1	1236.9	*1228.2*	1169.0	1056.9	916.1	848.3
12.5°	959.5	953.8	972.3	998.1	1069.7	1176.2	*1255.7*	1234.8	1124.7	945.3	857.5
15°	880.3	877.9	888.4	900.3	954.9	1062.2	*1223.7*	1288.3	1189.8	979.8	871.3
17.5°	854.9	853.0	856.2	859.2	894.6	977.7	*1147.7*	1321.1	1252.3	1019.2	886.7
20°	875.6	873.0	872.6	870.3	885.0	941.6	*1078.8*	1323.4	1308.3	1055.0	899.9
22.5°	935.9	932.9	922.5	913.1	914.4	946.5	*1048.2*	1300.0	1350.5	1088.4	908.2
25°	1045.2	1040.3	1018.6	987.0	967.0	980.6	*1052.9*	1269.1	1390.7	1114.6	904.2
27.5°	1182.0	1175.6	1147.7	1100.8	1055.0	1038.4	*1086.7*	1247.8	1424.2	1134.7	895.4
30°	1316.0	1307.7	1280.2	1243.7	1176.8	1124.4	*1147.9*	1257.2	1464.0	1155.5	883.9
32.5°	1460.6	1452.7	1416.3	1371.1	1315.8	1245.2	*1231.6*	1303.0	1512.8	1184.7	875.8
35°	1643.6	1631.3	1579.5	1517.9	1459.1	1387.8	*1344.9*	1382.0	1577.8	1229.3	880.3
37.5°	1852.0	1835.4	1779.5	1694.5	1617.8	1538.0	*1483.0*	1490.7	1673.0	1288.9	894.1
40°	2048.4	2033.3	1981.7	1901.6	1805.3	1708.4	*1649.8*	1632.8	1804.5	1361.6	918.4
42.5°	2166.2	2152.6	2130.9	2097.0	2015.8	1917.0	*1843.0*	1806.2	1960.0	1448.5	948.0
45°	2172.8	2160.9	2190.1	2229.5	2213.5	2147.7	*2057.6*	1990.0	2116.2	1530.1	978.7
47.5°	2067.2	2059.1	2147.7	2285.3	2353.9	2381.6	*2298.5*	2158.5	2245.0	1588.7	991.3
50°	1779.1	1776.1	1958.5	2211.2	2407.4	2586.5	*2552.7*	2315.3	2345.0	1618.9	979.4
52.5°	1542.6	1531.8	1638.1	1973.8	2329.6	2694.3	*2801.1*	2469.2	2414.8	1624.7	951.4
55°	1170.0	1160.4	1293.8	1576.7	2078.9	2656.0	*2982.8*	2627.9	2464.9	1610.0	901.4
57.5°	*627.6*	*621.7*	*790.2*	*1049.4*	*1625.1*	*2425.9*	*3015.6*	*2795.8*	*2507.1*	*1571.0*	*831.3*
60°	244.4	243.3	306.4	509.2	987.7	1973.6	*2850.1*	2896.5	2533.5	1523.0	772.7
62.5°	147.9	151.0	161.3	228.6	436.3	1226.1	*2468.5*	2781.9	2551.2	1479.2	724.3
65°	122.3	122.5	123.8	157.0	209.0	513.0	*1858.4*	2404.8	2507.5	1401.0	655.7
67.5°	104.8	106.7	111.6	124.6	147.4	225.0	*1069.9*	1862.8	2241.8	1219.0	548.8
70°	82.7	85.2	91.4	102.5	113.8	140.8	*395.4*	1239.5	1712.6	918.9	415.0
72.5°	69.7	69.5	72.6	83.3	90.3	99.1	*152.1*	694.5	995.3	438.7	205.4
75°	53.9	56.0	60.1	69.7	73.9	71.8	*82.4*	253.7	356.6	132.9	69.9
77.5°	42.2	43.9	47.5	56.9	61.1	50.9	*47.5*	90.8	114.6	47.7	31.5
80°	19.0	20.5	32.4	42.0	49.9	35.2	*25.8*	46.4	50.9	21.7	16.0
82.5°	3.4	5.8	19.0	22.2	25.6	22.8	*13.4*	24.1	24.9	8.7	5.5
85°	0.2	0.4	6.6	8.1	10.2	7.5	*4.0*	9.6	8.3	3.0	2.1
87.5°	0.0	0.0	0.0	0.2	0.2	1.1	*1.3*	1.7	1.3	1.1	0.9
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: P1197477
CATALOG NUMBER: GPC-SB1A-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	832.6	832.6	832.6	832.6	832.6	832.6	832.6	832.6	832.6	832.6
2.5°	819.1	788.9	759.5	735.4	721.4	697.5	681.7	679.2	672.6	678.3
5°	803.4	749.3	694.5	645.5	605.3	553.3	514.5	498.1	483.8	488.7
7.5°	795.9	710.5	625.3	541.6	455.5	372.4	310.6	284.8	265.2	268.0
10°	785.9	670.2	536.7	408.8	293.6	211.6	168.9	153.2	144.4	144.7
12.5°	778.2	622.1	433.8	277.2	178.7	135.1	121.9	118.0	115.5	115.7
15°	774.4	565.4	332.1	184.7	127.8	114.4	111.2	109.5	107.8	107.6
17.5°	768.0	502.4	243.1	134.9	111.8	107.2	104.4	102.5	100.3	99.9
20°	758.4	430.8	177.7	114.0	104.8	101.2	97.4	94.8	92.2	91.8
22.5°	740.7	355.1	136.6	105.5	99.7	95.7	91.0	88.0	85.4	85.0
25°	707.9	284.2	115.0	100.1	95.2	90.3	85.2	81.2	78.8	78.4
27.5°	666.4	223.3	104.4	95.2	89.5	85.0	79.3	75.4	73.3	72.9
30°	617.4	171.9	98.2	89.7	82.7	78.8	73.7	70.5	69.2	69.2
32.5°	564.6	137.4	95.7	84.2	76.7	72.4	68.4	67.1	66.7	66.5
35°	514.9	119.3	94.4	79.7	71.4	67.3	65.6	65.8	66.7	66.7
37.5°	470.8	113.6	93.7	76.5	66.7	63.1	64.1	66.0	65.2	65.2
40°	431.0	114.2	93.3	74.1	62.8	60.7	62.8	61.4	59.2	59.0
42.5°	400.5	119.5	92.5	72.2	60.5	59.0	58.2	55.8	55.6	56.0
45°	378.4	124.2	92.2	71.4	57.9	55.2	54.1	51.8	56.0	57.1
47.5°	352.2	124.2	92.2	68.4	53.7	52.6	50.9	48.4	52.6	53.7
50°	318.3	116.3	88.6	65.0	50.3	49.6	46.7	43.5	42.6	43.2
52.5°	275.5	102.0	79.5	60.3	46.9	45.6	42.0	39.6	39.0	39.0
55°	226.7	85.4	67.1	53.5	43.2	40.9	38.3	37.3	36.6	36.2
57.5°	*184.3*	*70.1*	*53.9*	*47.5*	*39.8*	*36.9*	*36.0*	*34.7*	*33.7*	*33.0*
60°	151.3	55.2	44.5	42.2	36.4	33.7	33.4	31.7	29.0	28.5
62.5°	116.7	40.5	37.5	36.6	33.0	30.7	30.3	26.8	22.6	21.7
65°	82.4	31.5	30.3	32.2	29.4	27.3	26.2	21.1	16.6	16.0
67.5°	57.9	26.4	23.9	28.1	25.6	22.8	22.2	17.9	13.8	13.4
70°	41.3	21.5	19.6	24.1	20.5	20.0	18.7	14.9	11.3	10.9
72.5°	29.2	16.4	15.1	20.9	14.1	17.3	15.3	11.5	8.5	8.1
75°	21.5	11.7	10.7	12.1	10.2	13.0	10.9	7.7	5.3	5.1
77.5°	15.8	7.5	6.4	6.0	6.0	8.1	6.0	3.2	2.3	2.1
80°	11.1	3.4	3.0	2.6	2.3	1.9	0.9	0.4	0.2	0.2
82.5°	6.6	1.5	1.5	1.1	0.6	0.0	0.0	0.0	0.0	0.0
85°	1.5	0.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.0	0.0	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


HS
SS

0

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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

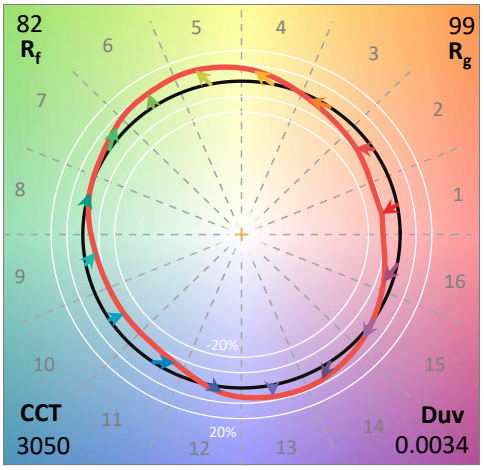
Test Information

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

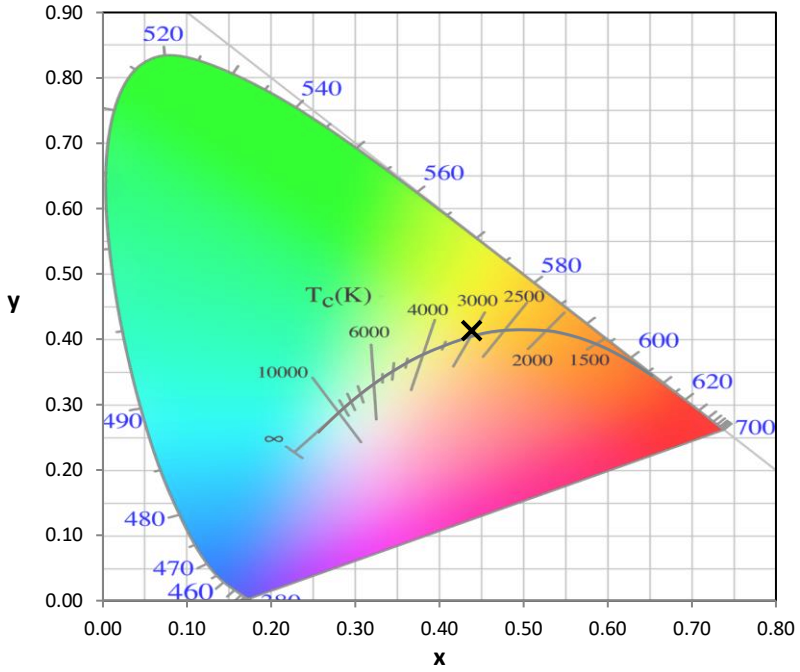
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

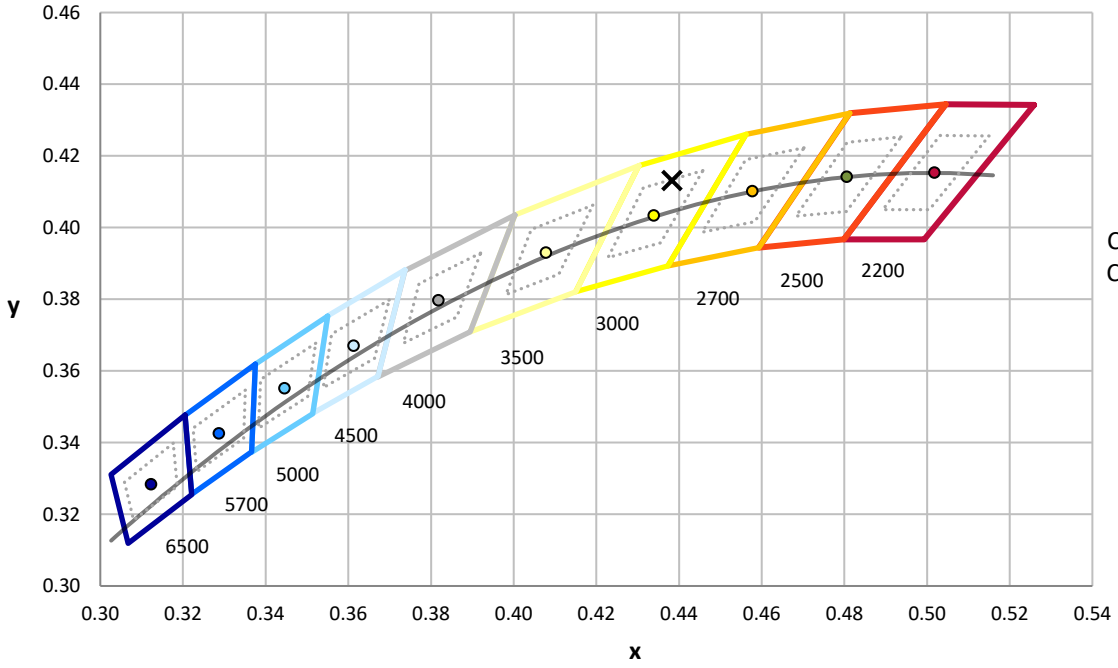
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

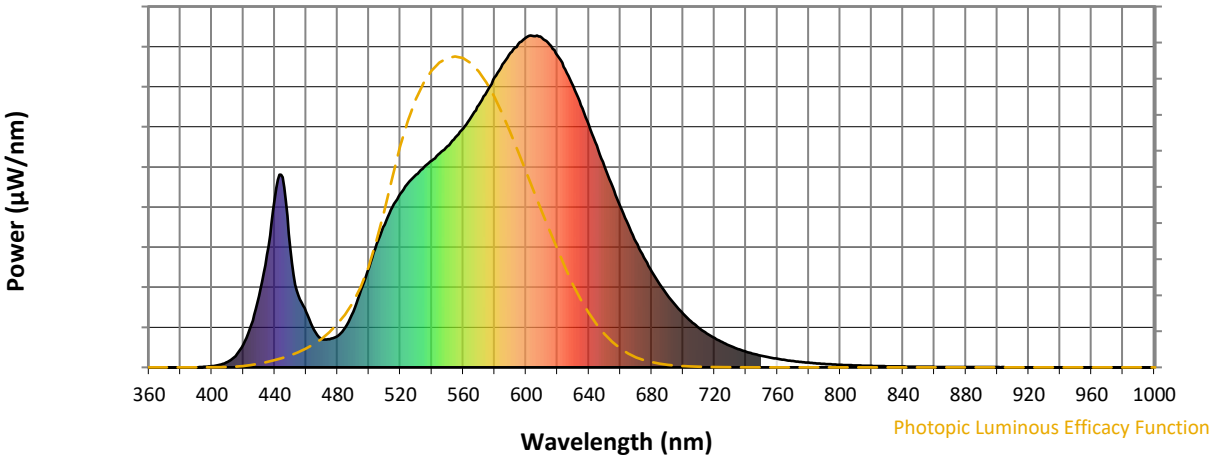


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

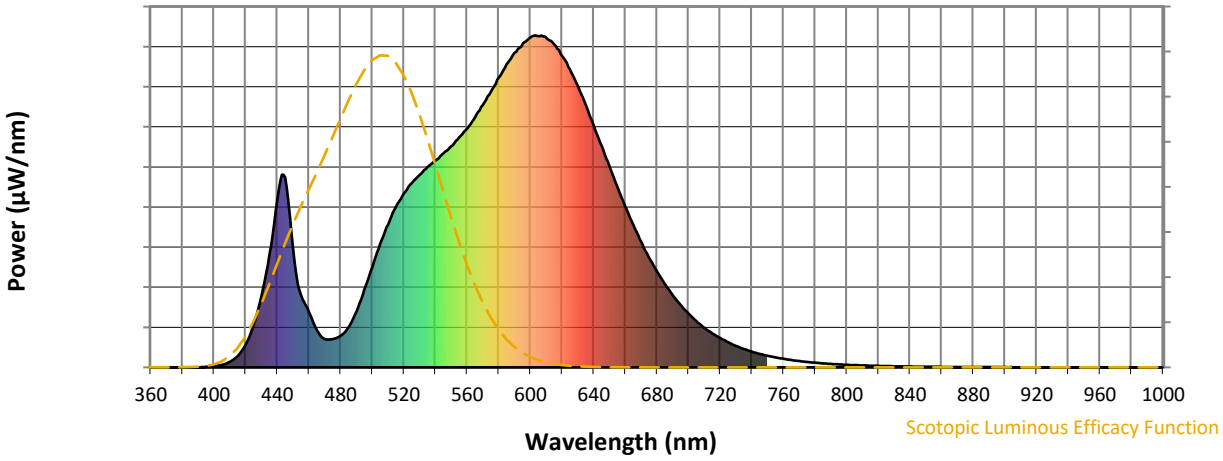


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

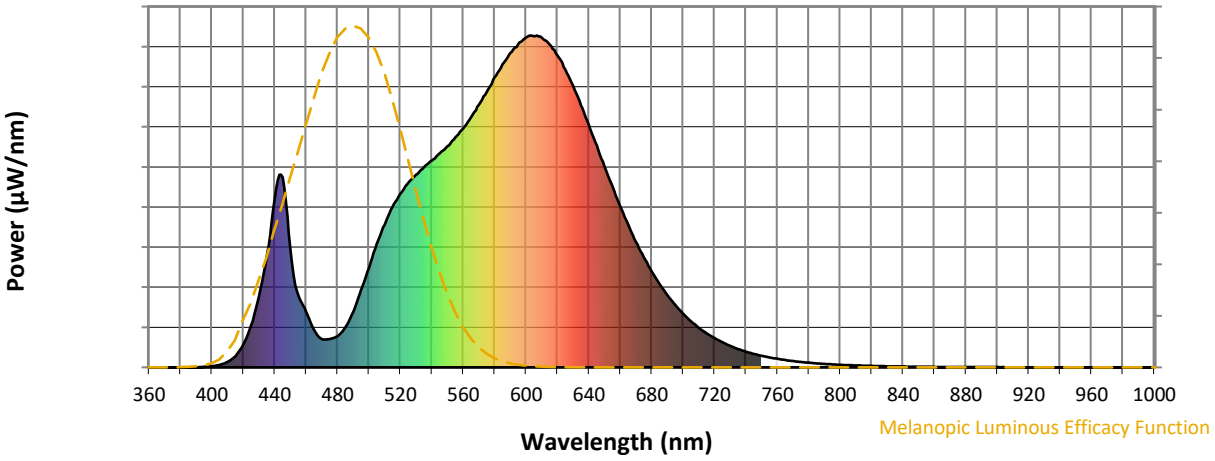


Scotopic Lumens: NR **S/P: 1.27**

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			

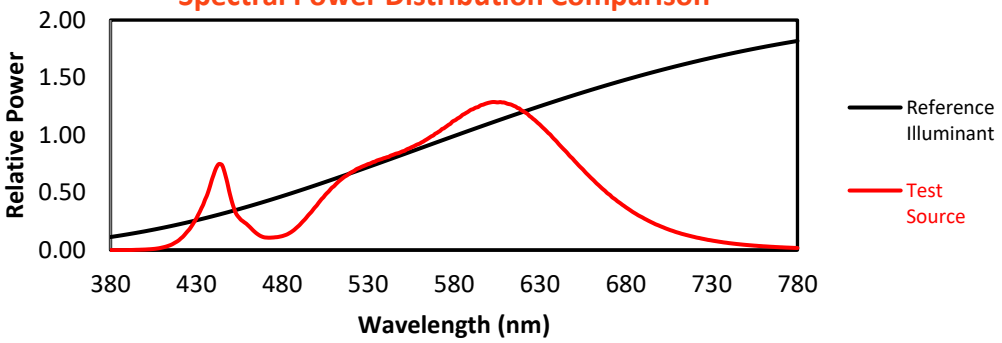
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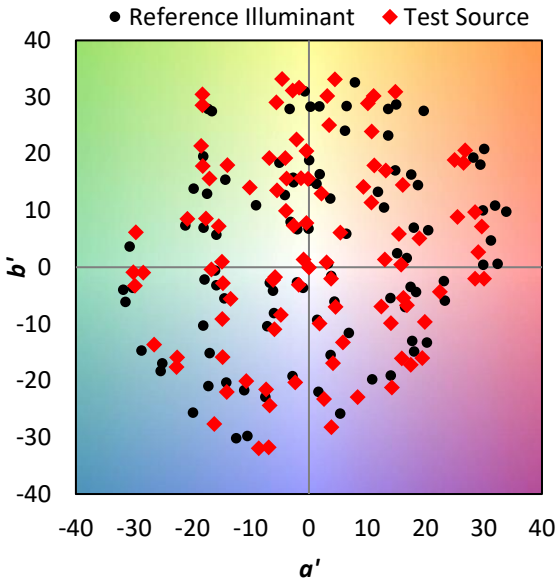
Summary

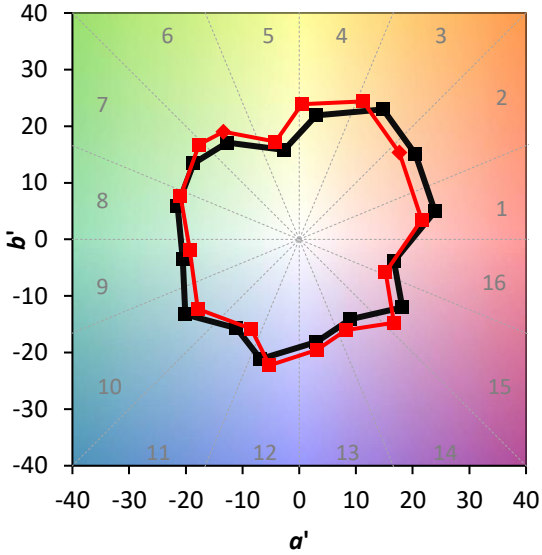
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

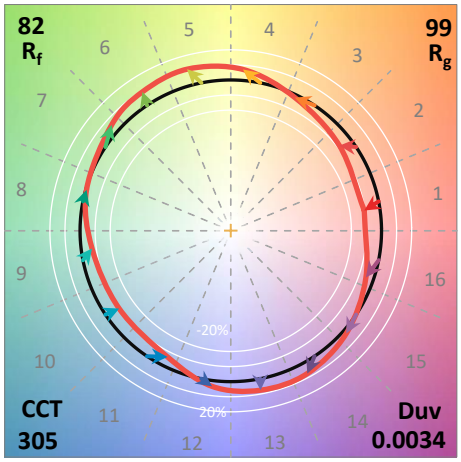
Spectral Power Distribution Comparison

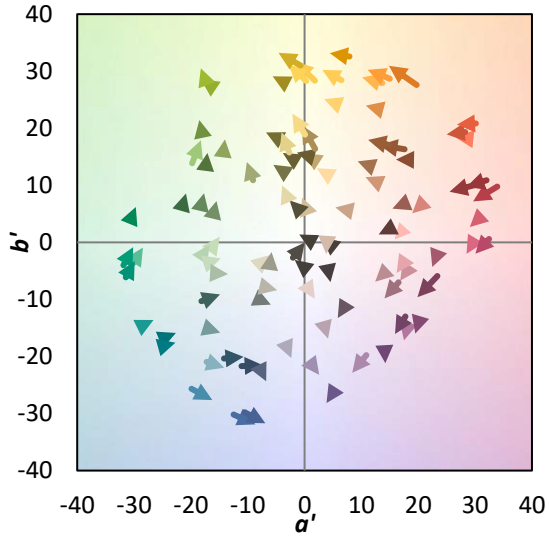


Color Vector Graphics







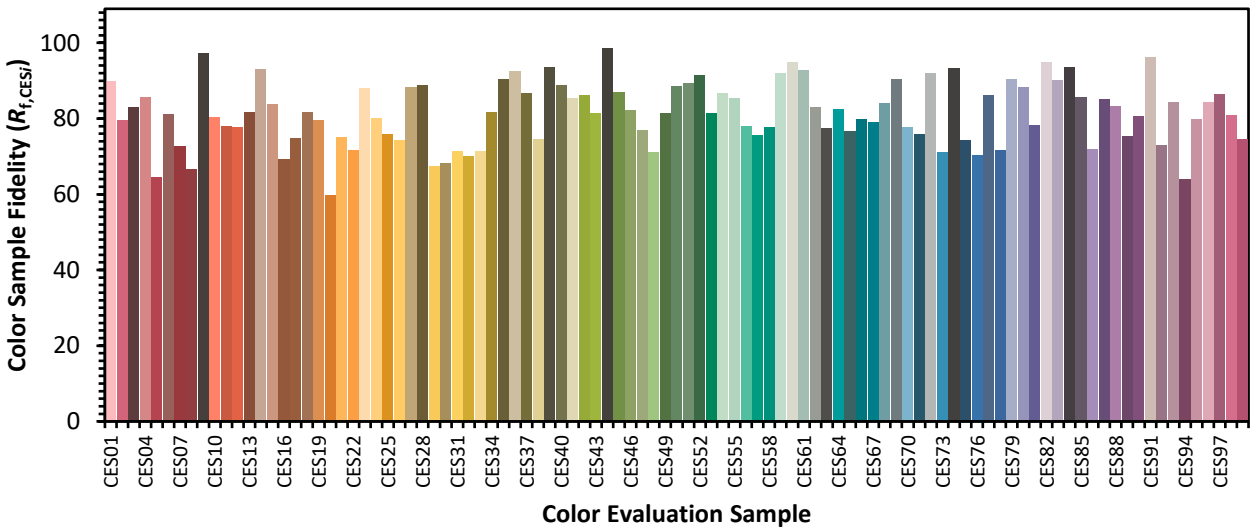


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Individual Sample Fidelity Index ($R_{f,i}$)

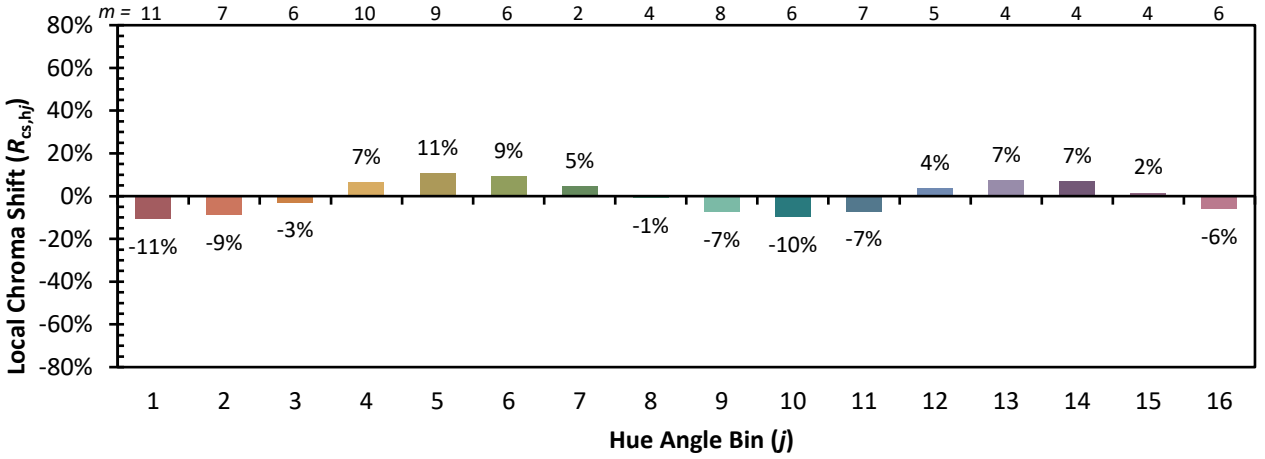
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

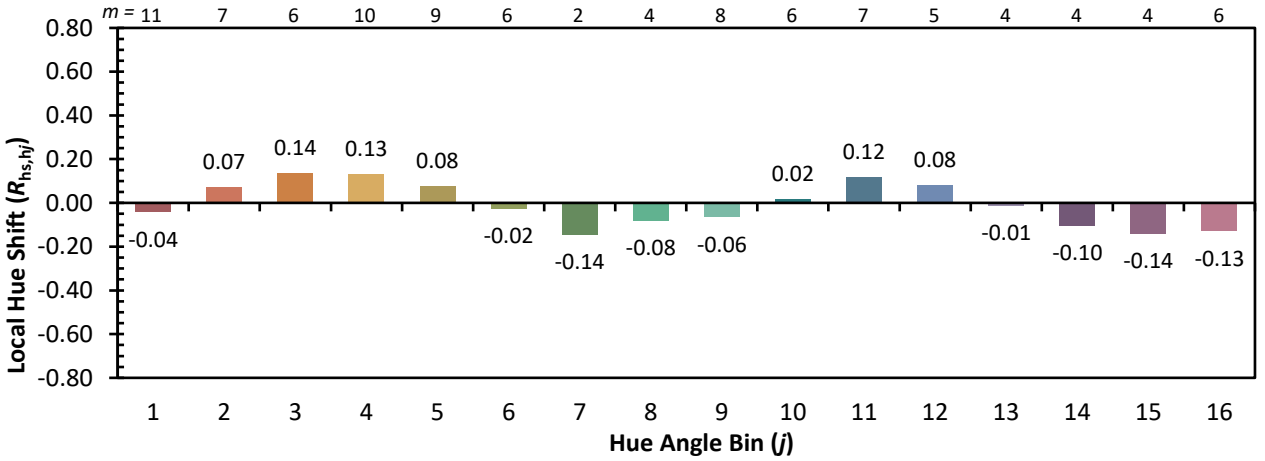


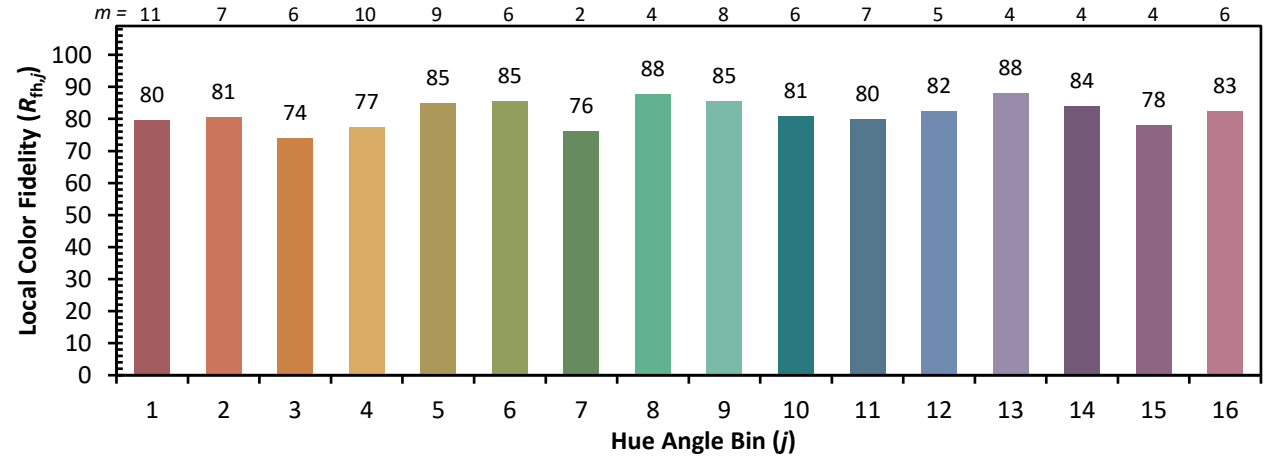
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Color Rendition by Hue-Angle Bin



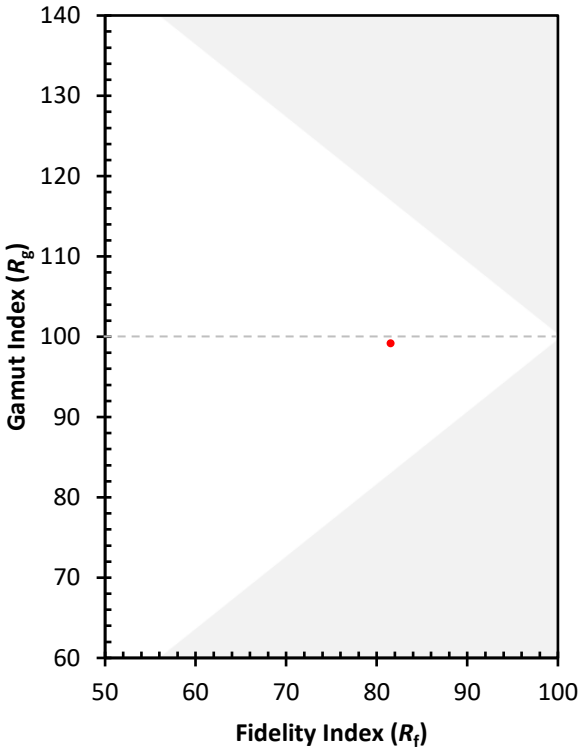


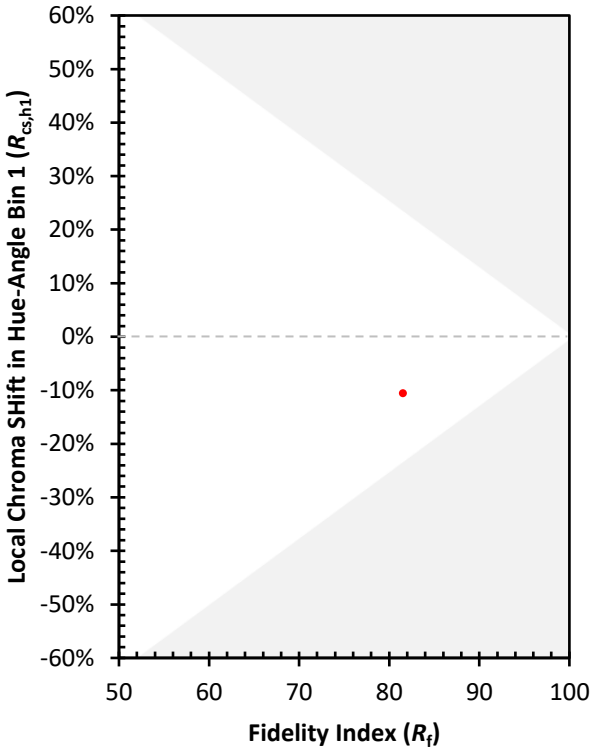


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Measure Comparisons





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