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: P1198928

Luminaire Tested: GPC-SB1D-830-U-T4W-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:	P1198928
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7081 lumens
Efficiency:	N/A
Efficacy:	89.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

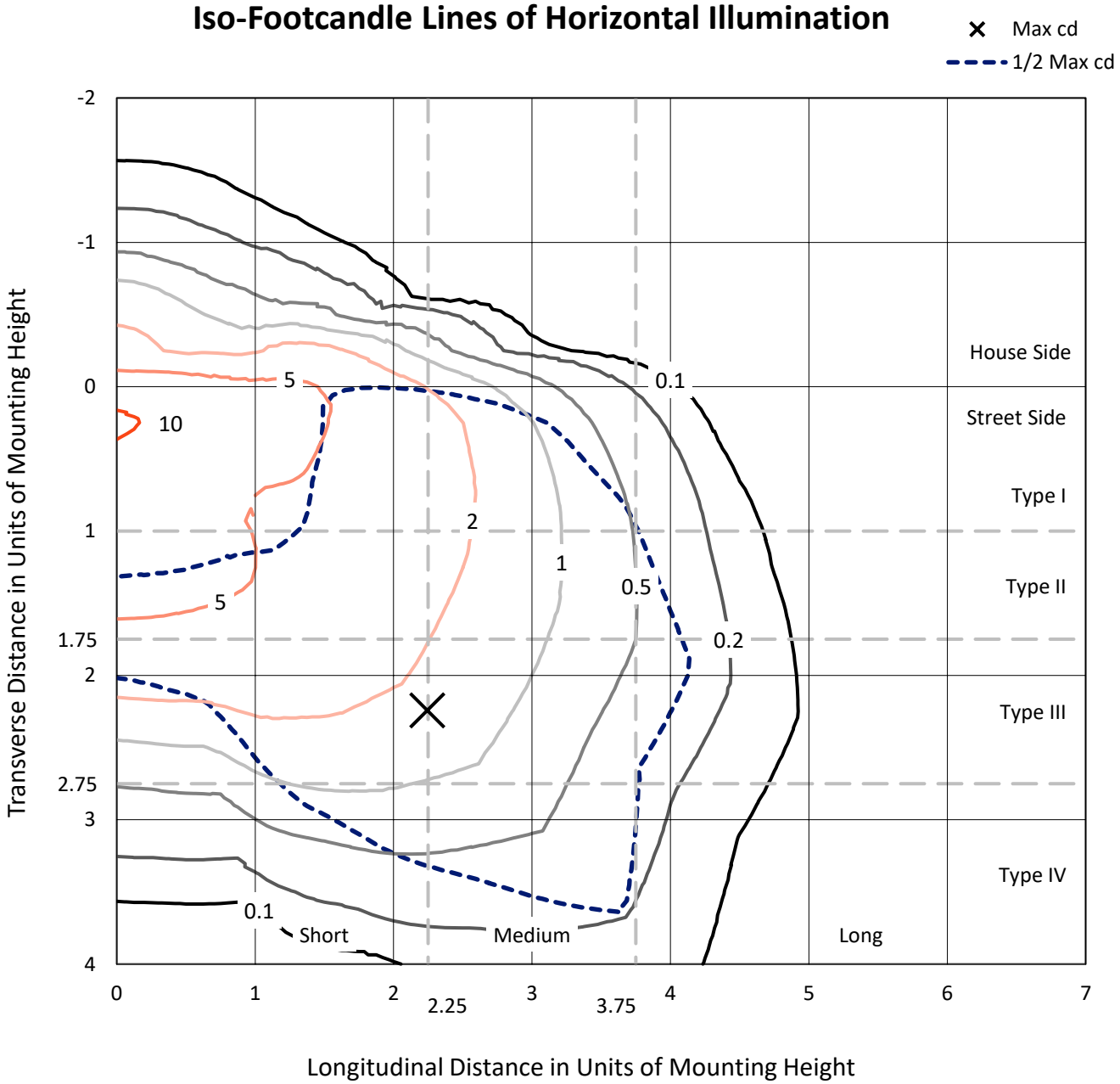


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REPORT NUMBER: P1198928
CATALOG NUMBER: GPC-SB1D-830-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



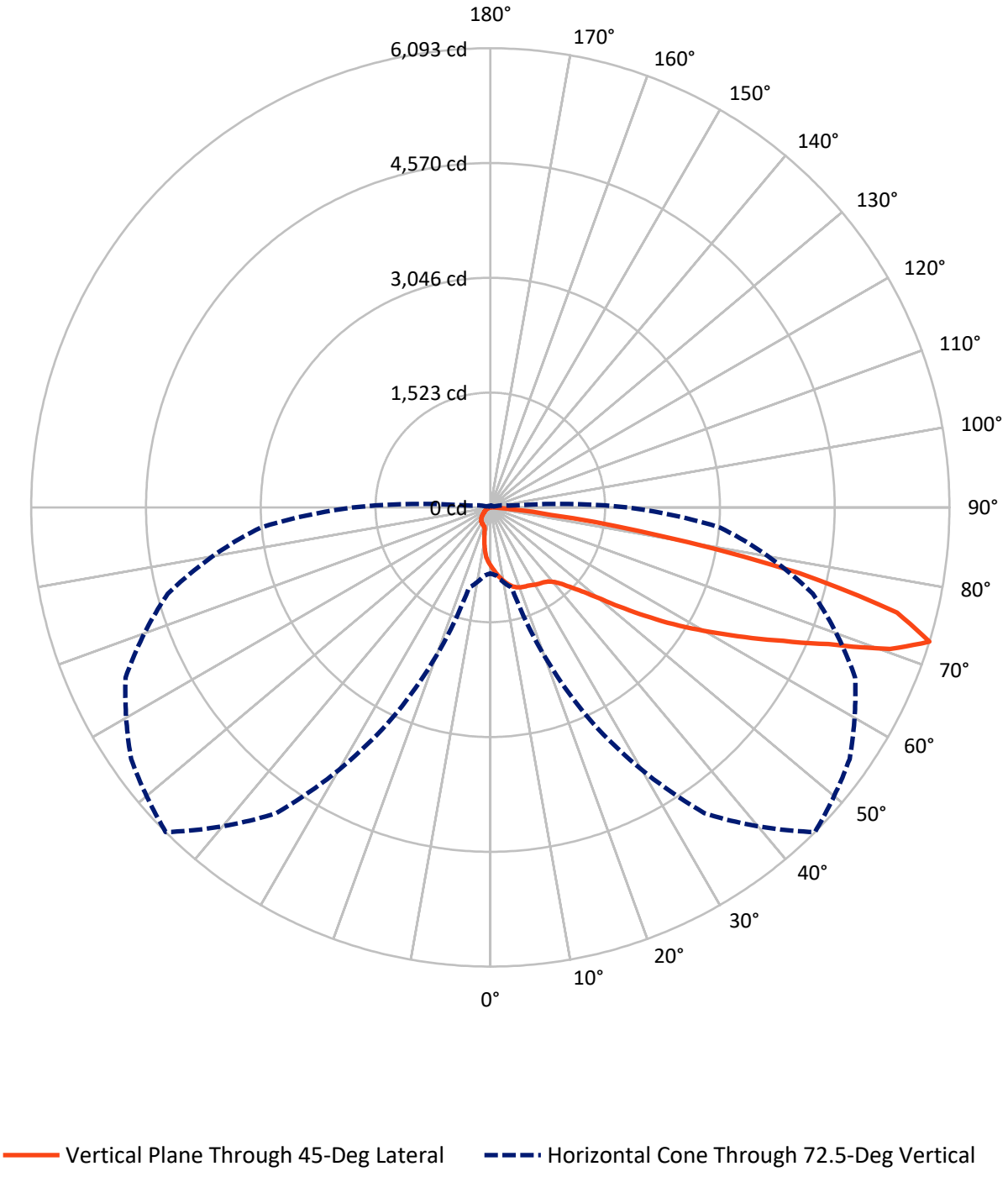
Based on 10 foot mounting height. Maximum calculated value = 10.7 fc
Type IV - Short - N/A

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REPORT NUMBER: P1198928
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Luminous Intensity Polar Plot



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Scaled Data Report

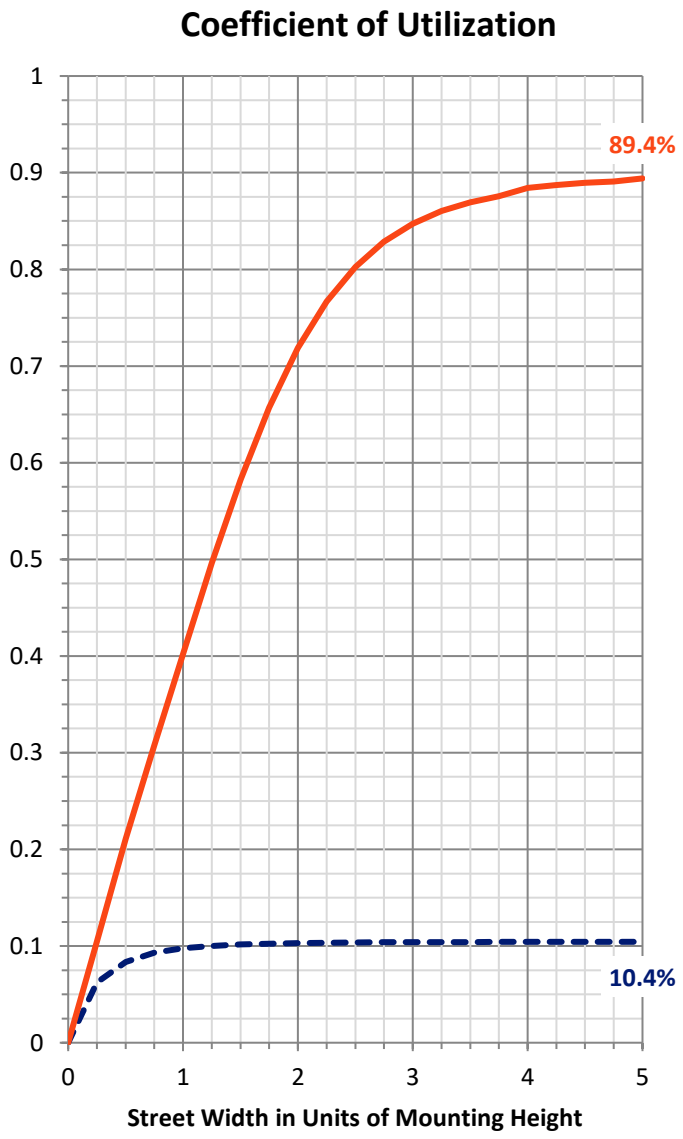
REPORT NUMBER: P1198928
CATALOG NUMBER: GPC-SB1D-830-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	744.0	0.0	744.0
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	6337.0	0.0	6337.0
	% Fixture	89.5	0.0	89.5
Total	Lumens	7081.0	0.0	7081.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.1	1.0
10°-20°	213.6	3.0
20°-30°	350.8	5.0
30°-40°	497.5	7.0
40°-50°	822.3	11.6
50°-60°	1477.2	20.9
60°-70°	2051.1	29.0
70°-80°	1487.8	21.0
80°-90°	107.6	1.5
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°	7081.0	100.0
0°-180°	7081.0	100.0



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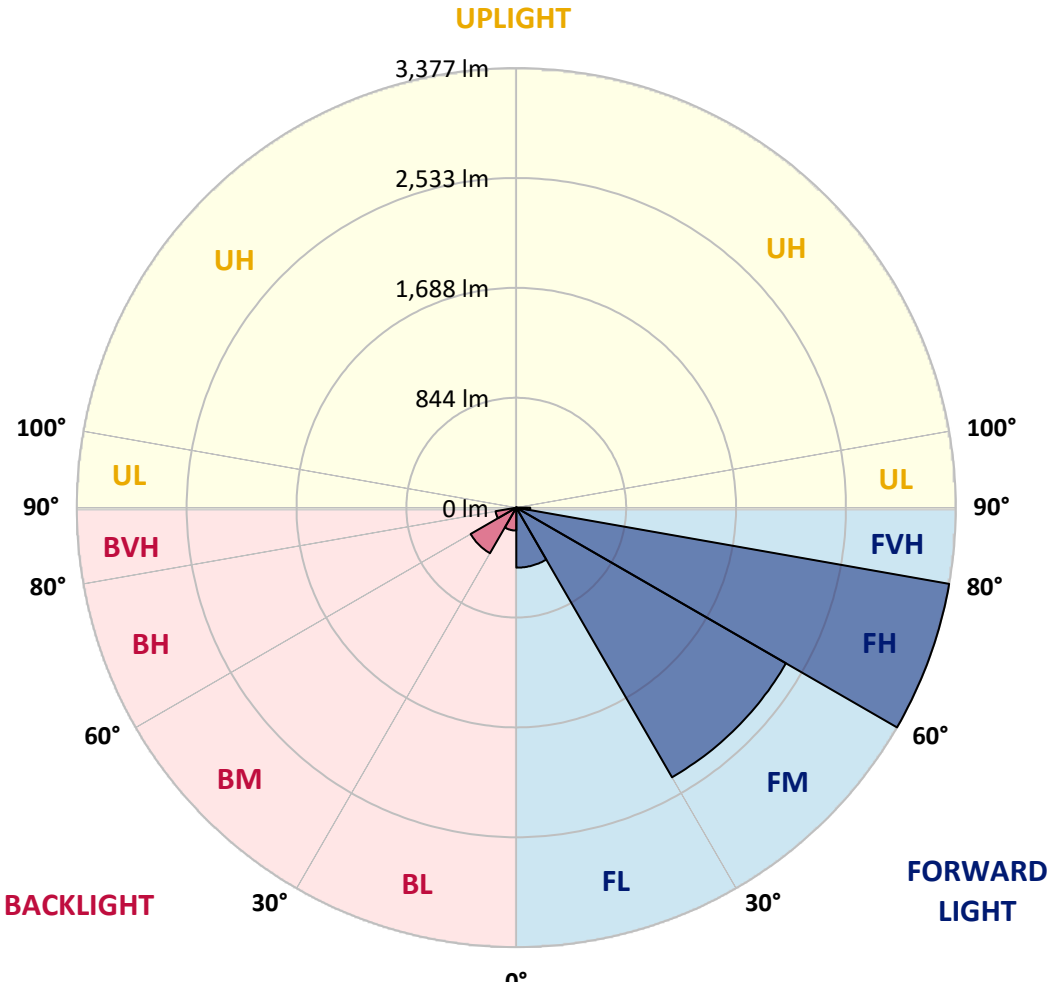
Scaled Data Report

REPORT NUMBER: P1198928
CATALOG NUMBER: GPC-SB1D-830-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	461.3	6.5			
FM	(30°-60°)	2392.3	33.8			
FH	(60°-80°)	3376.7	47.7			G2/5000
FVH	(80°-90°)	106.7	1.5			G2/225
BL	(0°-30°)	176.2	2.5	B1/500		
BM	(30°-60°)	404.6	5.7	B1/1000		
BH	(60°-80°)	162.2	2.3	B1/500		G1/500
BVH	(80°-90°)	0.9	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 IV Short



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Scaled Data Report

REPORT NUMBER: P1198928
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7
2.5°	847.3	848.7	847.8	842.0	832.3	827.0	824.1	814.4	808.1	797.0	785.4
5°	925.1	930.9	927.5	915.9	897.5	884.5	880.6	860.8	842.9	822.1	798.0
7.5°	1007.7	1010.6	1004.4	989.4	964.7	942.5	939.1	911.6	883.0	851.1	818.3
10°	1079.3	1082.7	1073.0	1051.2	1023.2	995.7	990.8	960.4	926.5	887.4	845.3
12.5°	1139.2	1142.6	1130.0	1103.9	1073.0	1044.5	1039.6	1007.7	970.5	927.0	874.8
15°	1184.6	1190.9	1174.0	1146.0	1112.6	1084.1	1081.7	1050.3	1014.0	965.7	910.1
17.5°	1211.2	1217.5	1201.5	1167.7	1139.2	1115.0	1112.1	1086.0	1052.2	1005.8	944.4
20°	1215.6	1221.4	1204.4	1175.0	1151.3	1132.0	1130.5	1111.7	1087.0	1042.5	981.6
22.5°	1202.5	1209.8	1194.3	1170.6	1154.2	1144.0	1142.1	1131.5	1117.5	1079.8	1016.4
25°	1189.0	1194.8	1183.2	1162.4	1153.7	1152.7	1154.2	1152.2	1149.3	1117.5	1057.0
27.5°	1188.0	1194.3	1181.2	1161.4	1156.6	1166.7	1168.2	1177.4	1179.8	1151.8	1096.2
30°	1196.2	1200.6	1188.0	1167.2	1164.8	1188.0	1188.5	1204.9	1208.8	1180.8	1134.9
32.5°	1214.1	1218.9	1206.4	1175.9	1172.5	1204.9	1206.4	1228.1	1234.4	1211.7	1175.4
35°	1256.2	1262.0	1247.5	1200.1	1188.0	1220.9	1225.2	1250.8	1263.4	1244.6	1217.5
37.5°	1361.0	1344.1	1324.3	1248.9	1223.3	1246.0	1253.3	1283.2	1305.5	1283.7	1267.8
40°	1621.6	1568.4	1506.5	1332.0	1285.2	1299.7	1305.5	1335.4	1365.9	1344.6	1336.9
42.5°	2012.6	1949.7	1850.2	1523.4	1378.4	1385.7	1390.0	1416.1	1459.2	1442.2	1444.2
45°	2361.0	2338.3	2236.8	1850.2	1552.9	1517.2	1522.5	1536.0	1599.3	1593.0	1605.6
47.5°	2628.8	2615.8	2537.5	2225.2	1847.8	1678.1	1693.1	1699.4	1790.7	1813.0	1846.8
50°	2834.7	2829.9	2759.8	2558.7	2233.0	1915.4	1920.7	1907.2	2044.0	2099.1	2163.4
52.5°	3029.0	3045.4	2993.7	2868.5	2644.3	2226.2	2225.2	2161.4	2346.1	2429.2	2538.9
55°	3204.5	3210.3	3215.6	3184.6	3058.0	2580.0	2570.8	2466.4	2696.5	2782.5	2901.4
57.5°	3369.3	3371.7	3419.0	3482.4	3488.6	2959.9	2943.0	2817.8	3079.3	3140.7	3213.6
60°	3479.9	3491.1	3591.1	3767.0	3843.9	3351.9	3342.7	3215.1	3468.8	3497.3	3483.8
62.5°	3320.5	3388.1	3640.4	3989.4	4179.3	3786.4	3782.0	3662.2	3878.7	3855.5	3739.5
65°	2687.8	2802.3	3246.0	4139.7	4508.5	4271.6	4277.9	4150.3	4299.7	4224.3	3947.3
67.5°	1880.1	2001.0	2525.9	4151.8	4876.3	4841.5	4877.7	4677.6	4746.7	4577.6	3996.6
70°	1300.1	1362.5	1704.2	3891.7	5162.9	5626.4	5625.4	5325.3	5191.4	4738.5	3745.3
72.5°	874.3	906.7	1106.8	3087.5	4952.2	6092.8	6064.8	5820.2	5341.2	4431.6	3059.9
75°	368.8	392.5	512.3	1735.1	3917.8	5574.2	5498.3	5143.6	4745.8	3489.6	1909.1
77.5°	117.0	127.1	202.0	621.1	2158.1	4190.0	4109.7	3212.2	3180.8	1750.6	697.9
80°	55.6	64.8	113.6	249.4	849.2	2278.9	2267.8	1457.2	1368.3	472.7	140.2
82.5°	24.2	28.5	62.8	133.4	379.9	813.0	829.4	495.9	410.3	179.3	43.0
85°	7.7	10.1	29.0	61.4	160.5	202.0	199.6	117.9	165.3	97.6	15.0
87.5°	0.0	0.0	9.7	14.0	16.4	11.6	13.0	10.1	45.9	27.1	5.3
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: P1198928
CATALOG NUMBER: GPC-SB1D-830-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7	775.7
2.5°	779.6	771.9	758.3	745.8	734.7	723.5	716.8	707.1	706.1	706.1	708.6
5°	784.9	772.4	748.2	722.6	693.1	665.1	637.0	610.0	601.3	595.0	597.9
7.5°	800.4	780.6	742.4	693.6	637.5	576.1	533.1	486.7	468.8	459.2	460.6
10°	822.6	795.6	737.6	652.0	561.1	477.5	416.1	365.9	346.5	338.3	338.3
12.5°	847.3	813.9	728.9	600.3	477.5	377.5	317.5	294.3	291.4	291.4	291.4
15°	876.8	836.2	713.9	539.4	390.0	298.7	277.4	278.4	281.3	283.2	283.2
17.5°	907.2	859.8	690.2	471.2	312.7	268.7	269.2	270.7	273.1	275.0	275.0
20°	940.1	883.5	658.8	398.7	268.2	260.0	261.5	262.9	264.9	265.8	266.3
22.5°	975.4	905.8	621.6	327.7	253.3	252.8	253.3	254.7	257.1	257.1	258.1
25°	1013.1	930.4	579.0	276.0	245.5	245.5	246.5	247.5	249.4	249.4	249.9
27.5°	1051.7	953.1	534.1	248.9	238.8	238.3	238.3	239.7	240.7	241.2	241.7
30°	1094.3	979.7	489.1	243.1	233.4	231.0	229.6	230.5	231.5	232.0	233.0
32.5°	1137.7	1005.3	449.0	245.5	228.1	223.8	218.9	218.0	218.0	219.9	221.4
35°	1186.1	1033.4	418.1	253.7	225.2	213.1	205.4	201.1	201.5	204.4	205.9
37.5°	1244.1	1067.2	395.4	261.0	223.3	201.1	188.5	183.2	179.8	183.2	182.2
40°	1320.0	1117.0	378.9	266.8	220.9	187.0	170.1	161.4	155.1	157.1	156.1
42.5°	1431.6	1195.3	372.6	267.3	215.6	170.6	151.3	139.7	130.5	131.0	129.0
45°	1588.2	1319.0	405.0	261.0	204.0	152.7	131.5	116.0	110.2	108.7	106.8
47.5°	1802.8	1499.3	479.9	247.9	187.0	135.3	112.1	99.1	94.7	92.3	90.9
50°	2090.4	1730.8	563.1	233.4	170.1	118.9	96.2	88.0	85.1	82.6	82.2
52.5°	2423.9	1965.7	631.2	218.9	153.2	104.4	86.0	81.2	78.8	76.8	76.4
55°	2729.8	2127.6	627.4	203.5	136.8	92.8	78.8	75.9	73.0	71.0	70.1
57.5°	2920.3	2150.3	517.2	186.6	117.9	83.6	72.0	70.1	66.7	64.3	63.8
60°	3007.7	2020.8	362.5	164.3	99.1	74.9	64.8	63.8	59.4	56.1	55.1
62.5°	3023.7	1780.1	241.7	136.8	82.6	66.7	57.5	56.1	50.3	44.5	41.6
65°	2958.9	1436.0	167.2	106.8	70.6	58.0	49.3	46.4	40.1	34.3	32.4
67.5°	2754.0	1008.2	116.5	76.8	59.9	45.9	39.1	38.2	33.3	28.5	27.1
70°	2378.4	574.7	77.8	57.5	47.4	31.4	30.9	31.9	27.1	23.2	21.3
72.5°	*1823.6*	*262.9*	*48.3*	*42.0*	*32.4*	*21.3*	*24.6*	*25.1*	*20.8*	*17.4*	*15.5*
75°	1073.5	112.6	30.4	27.1	16.4	14.0	17.9	18.4	14.0	11.1	9.7
77.5°	365.4	42.5	19.3	15.9	8.2	7.7	11.6	11.6	7.7	4.3	3.4
80°	83.1	15.9	9.7	6.3	3.9	3.4	3.9	3.4	1.9	0.5	0.0
82.5°	23.7	6.3	3.9	2.4	1.4	1.4	0.5	0.0	0.0	0.0	0.0
85°	6.8	2.9	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	0.5	0.0	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	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

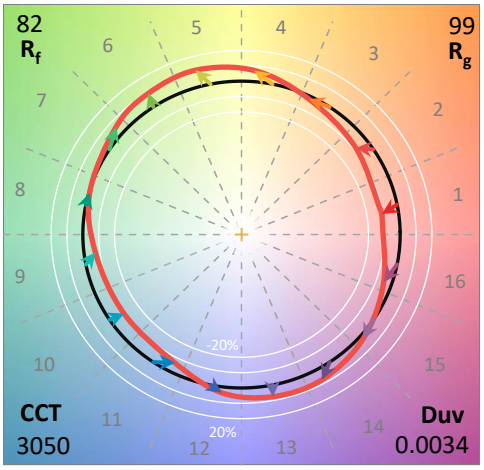
Test Information

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

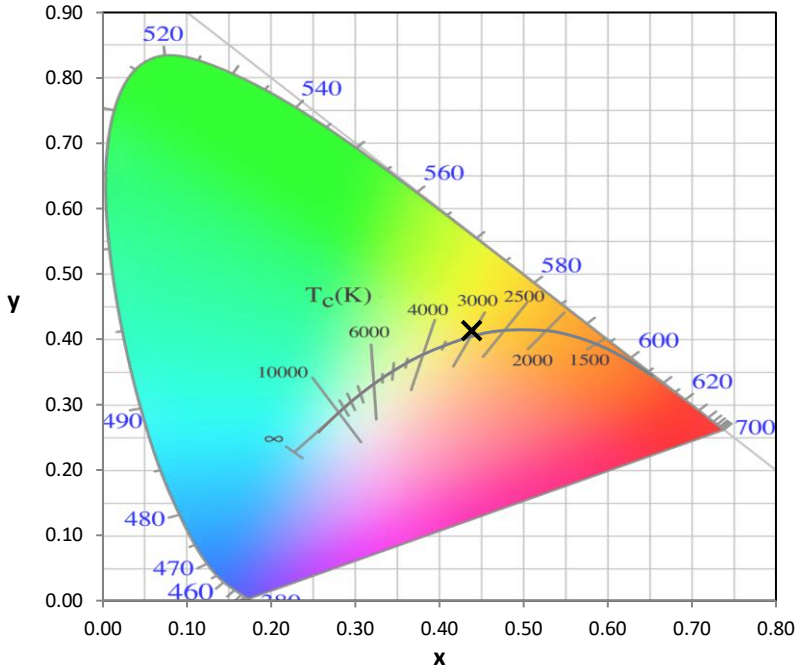
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

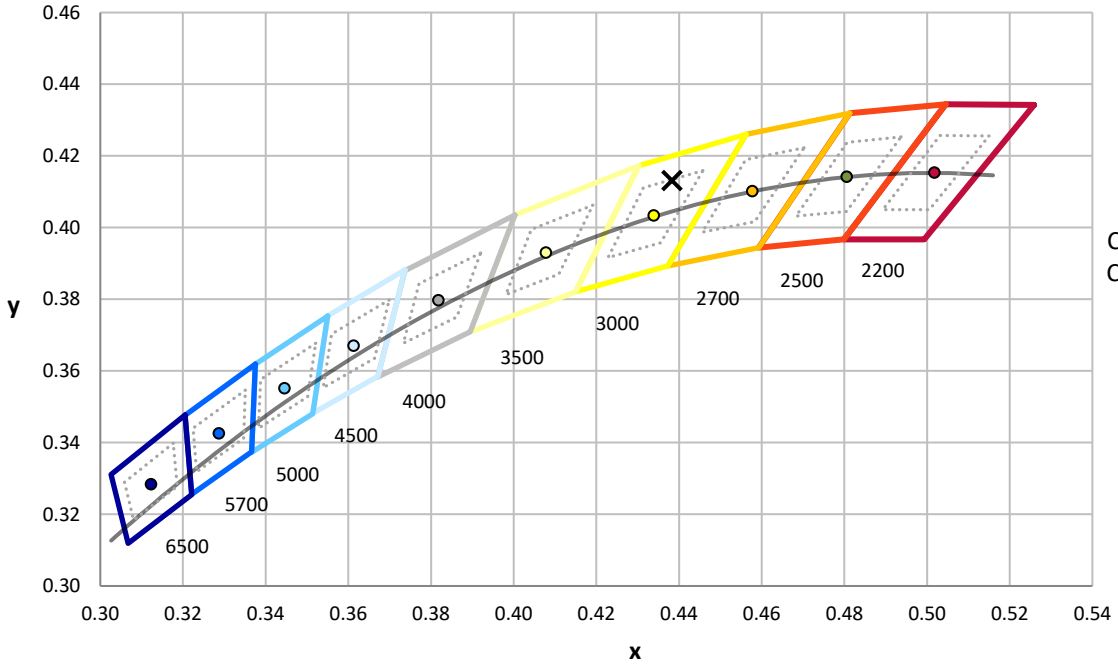
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

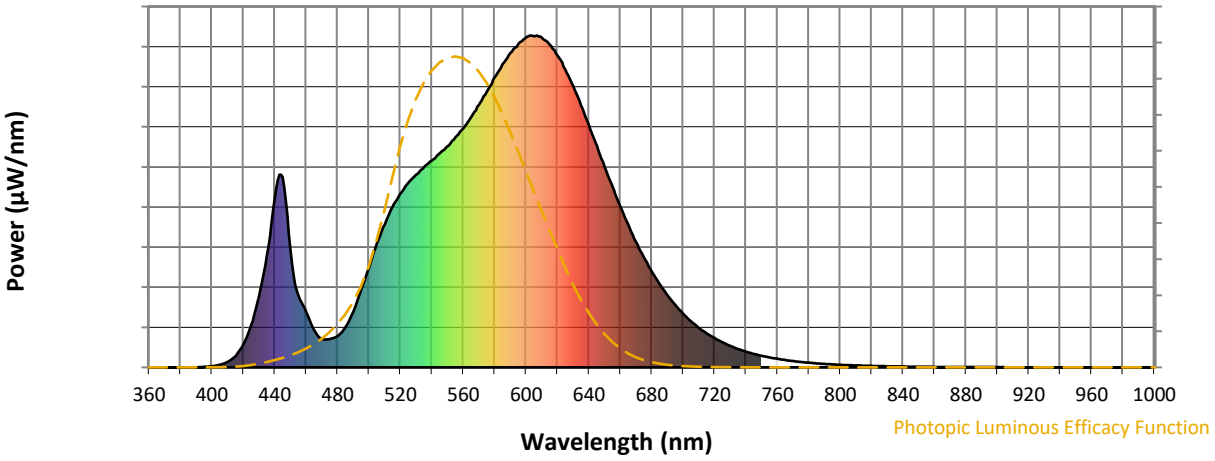


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

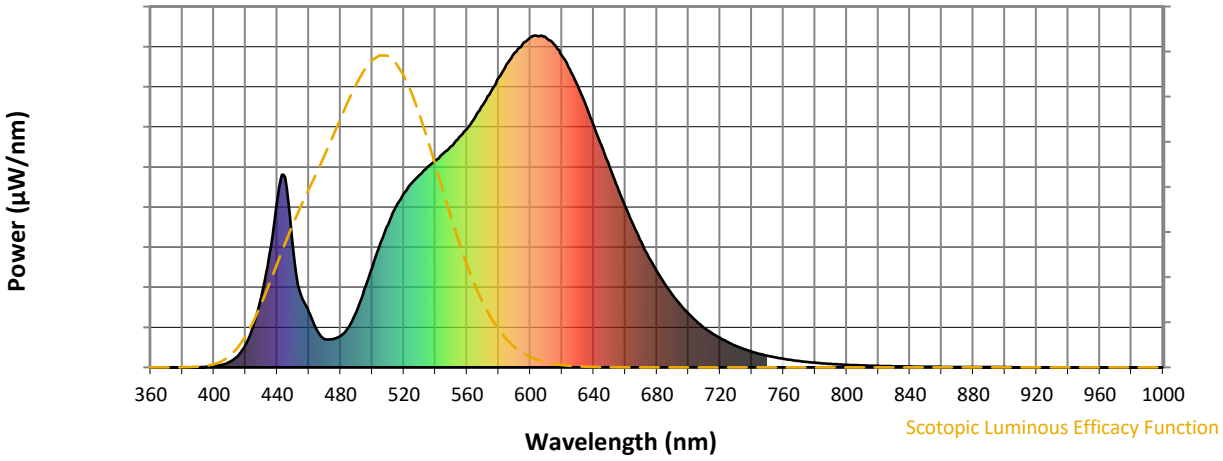


Photopic Lumens: NR

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

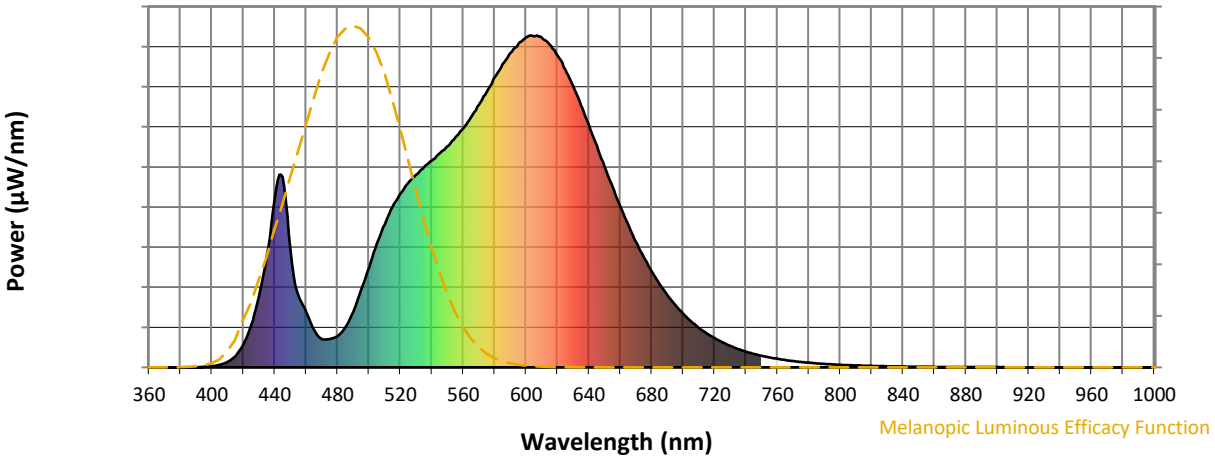


Scotopic Lumens: NR **S/P: 1.27**

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			

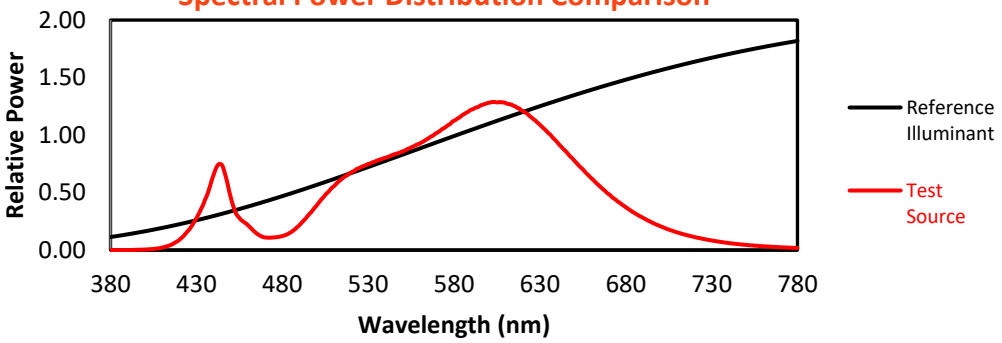
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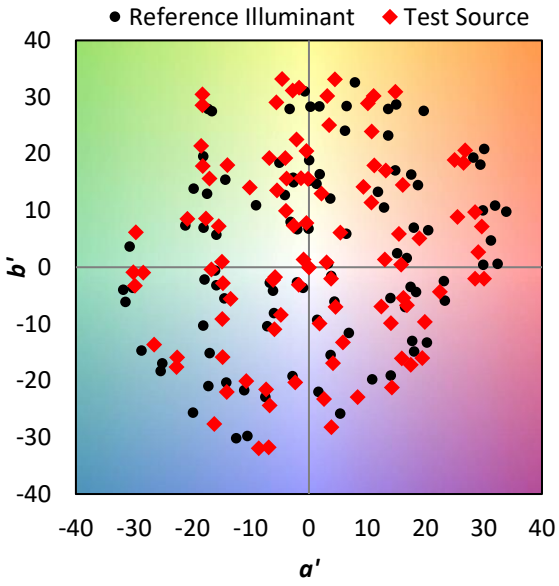
Summary

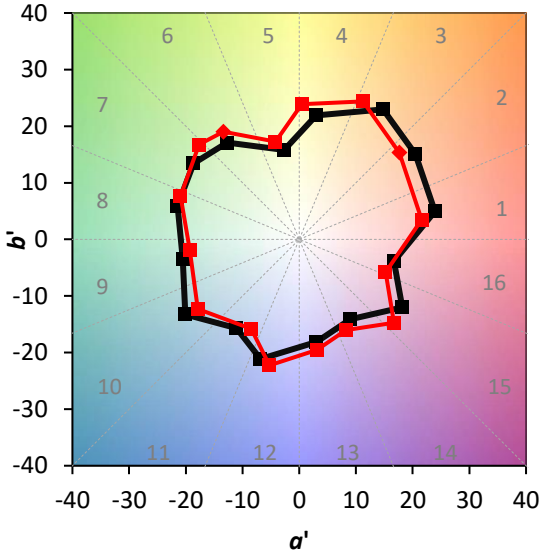
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

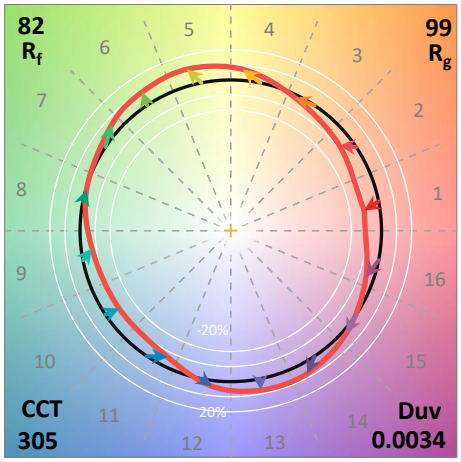
Spectral Power Distribution Comparison

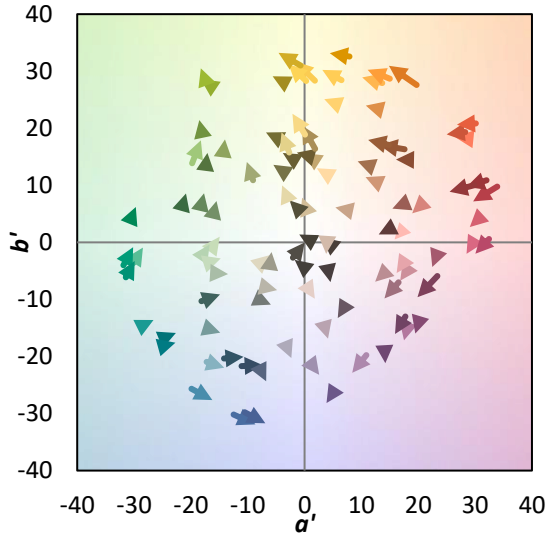


Color Vector Graphics







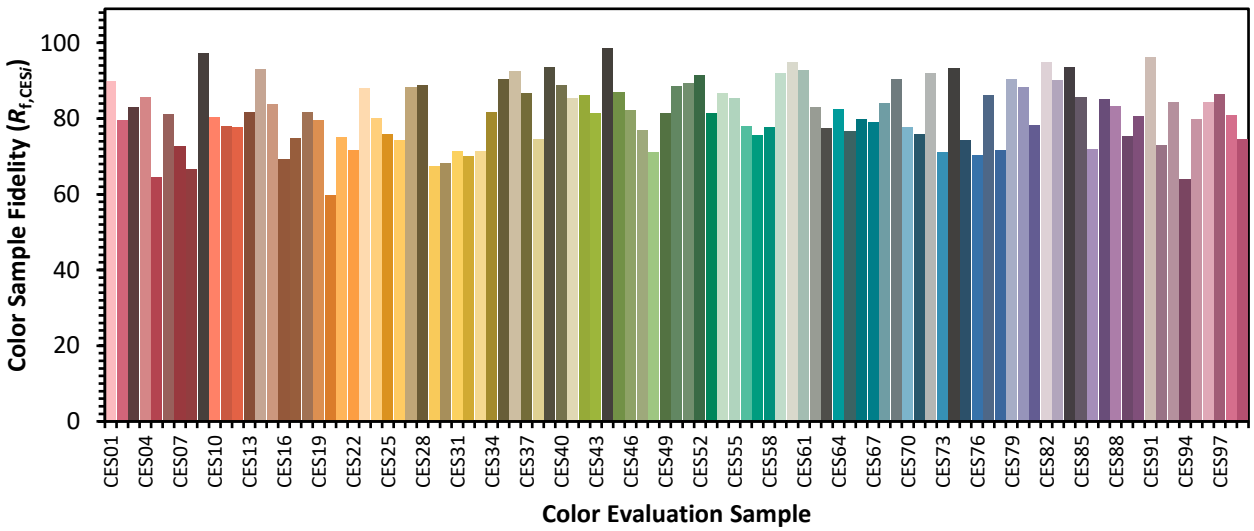


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Individual Sample Fidelity Index ($R_{f,i}$)

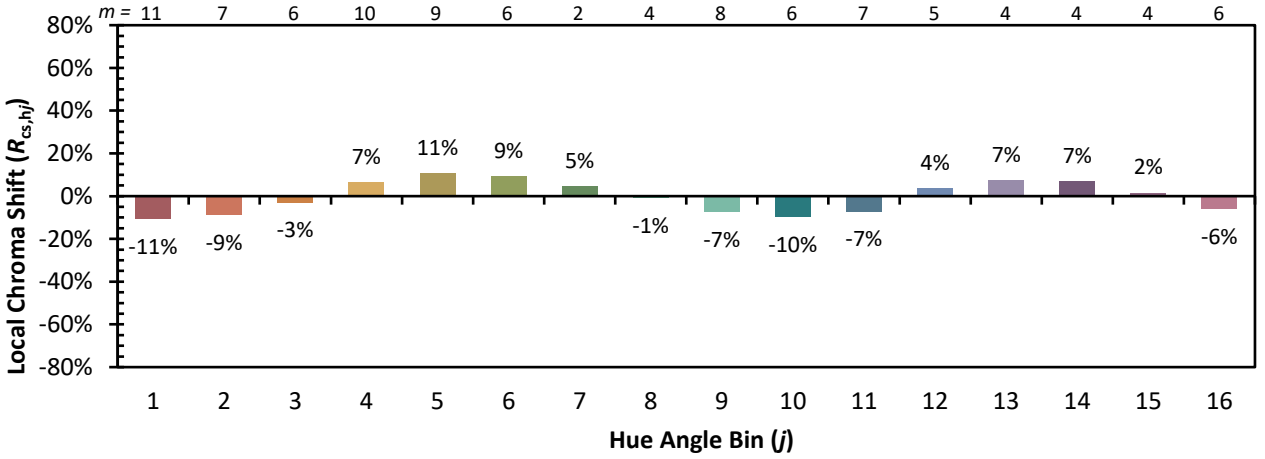
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

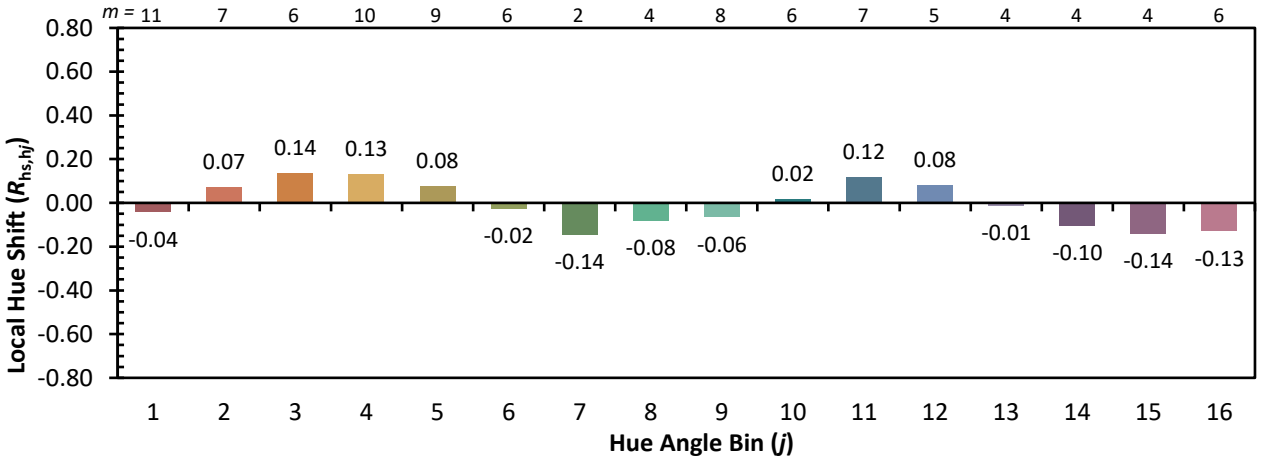


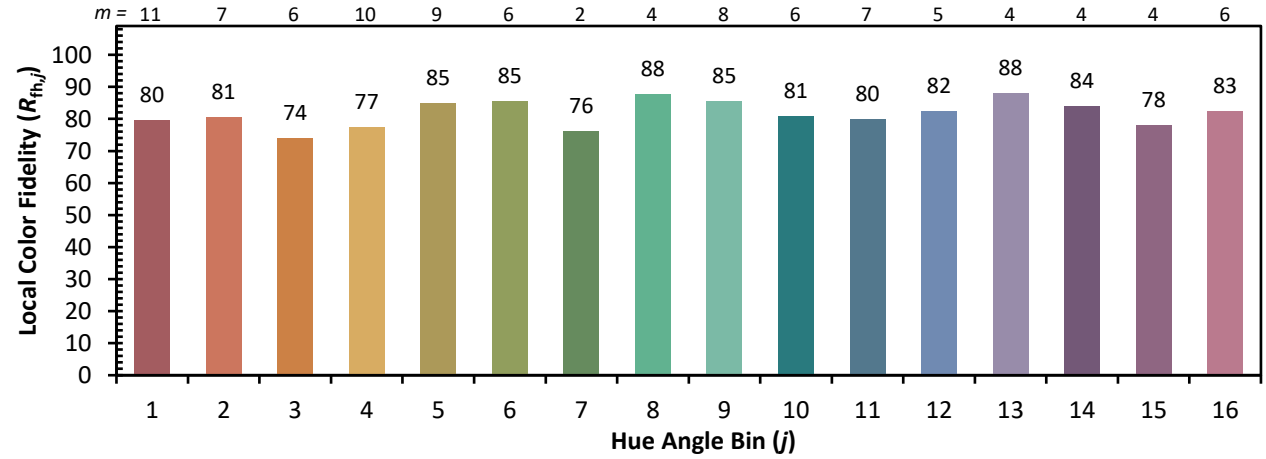
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Color Rendition by Hue-Angle Bin



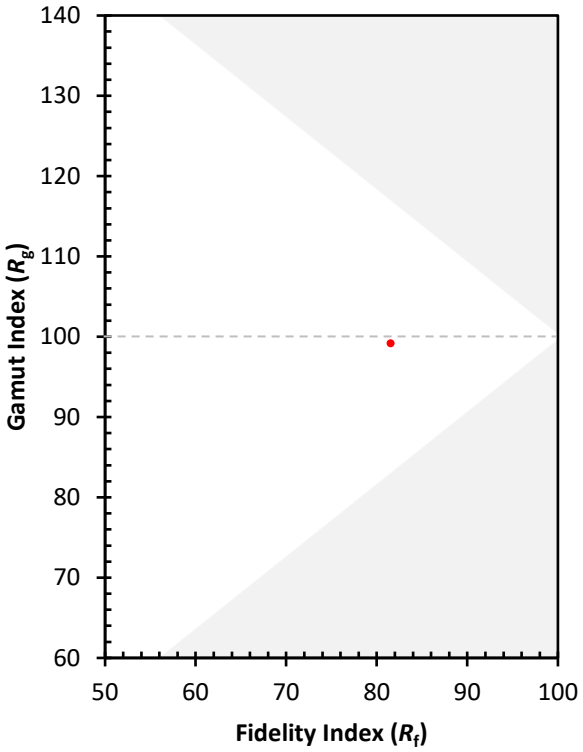


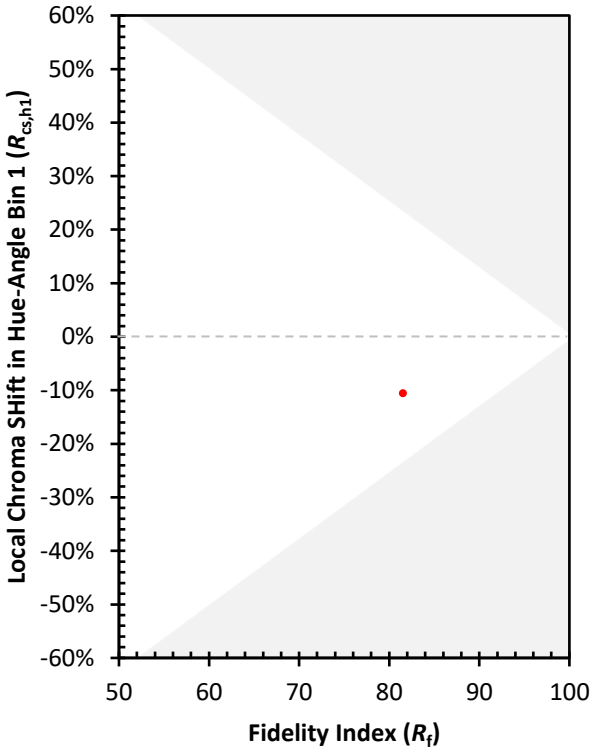


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Measure Comparisons





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