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

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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: P1198923

Luminaire Tested: GPC-SB1D-830-U-T3R-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:	P1198923
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7653 lumens
Efficiency:	N/A
Efficacy:	96.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

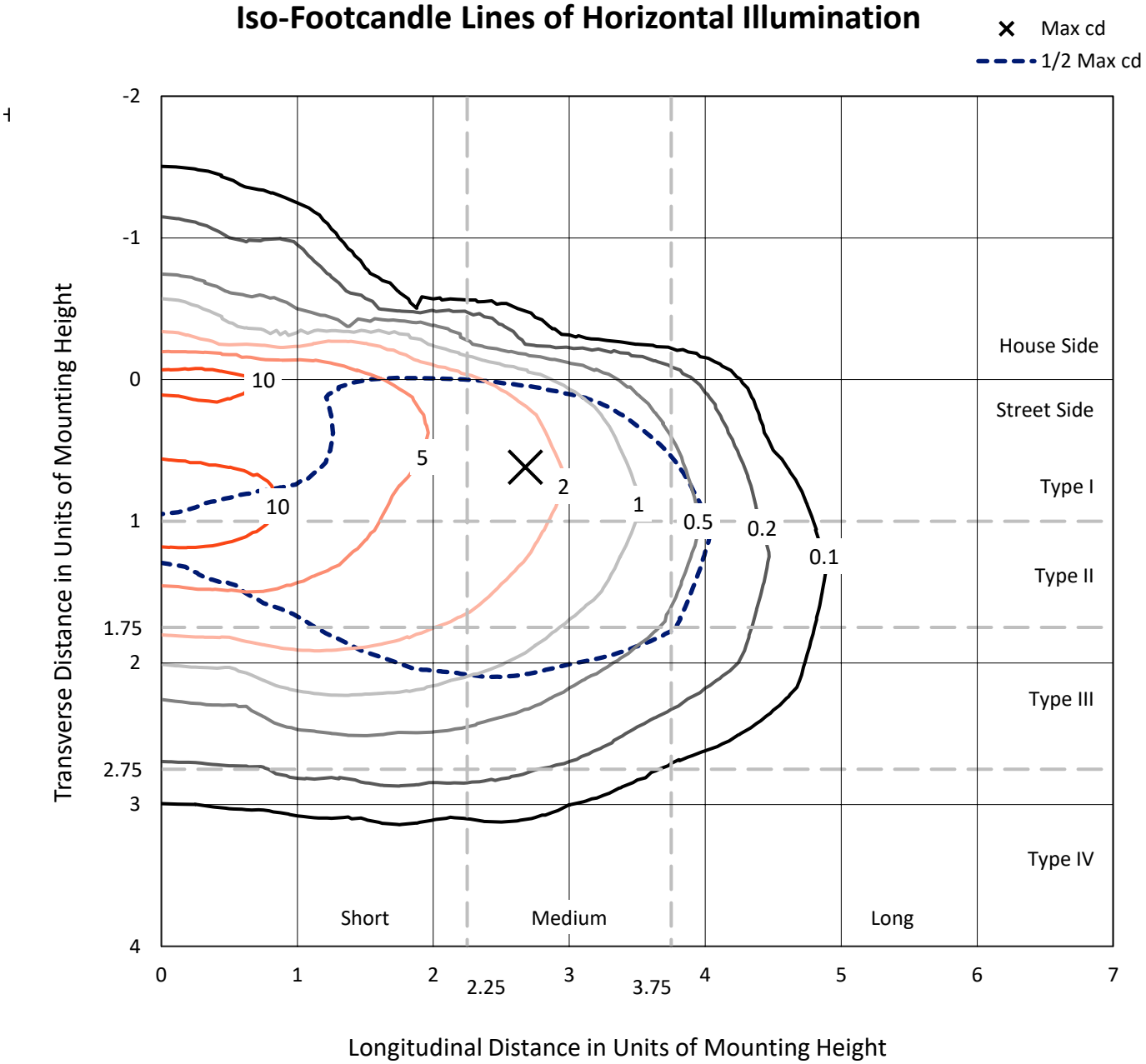


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Scaled Data Report

REPORT NUMBER: P1198923
CATALOG NUMBER: GPC-SB1D-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



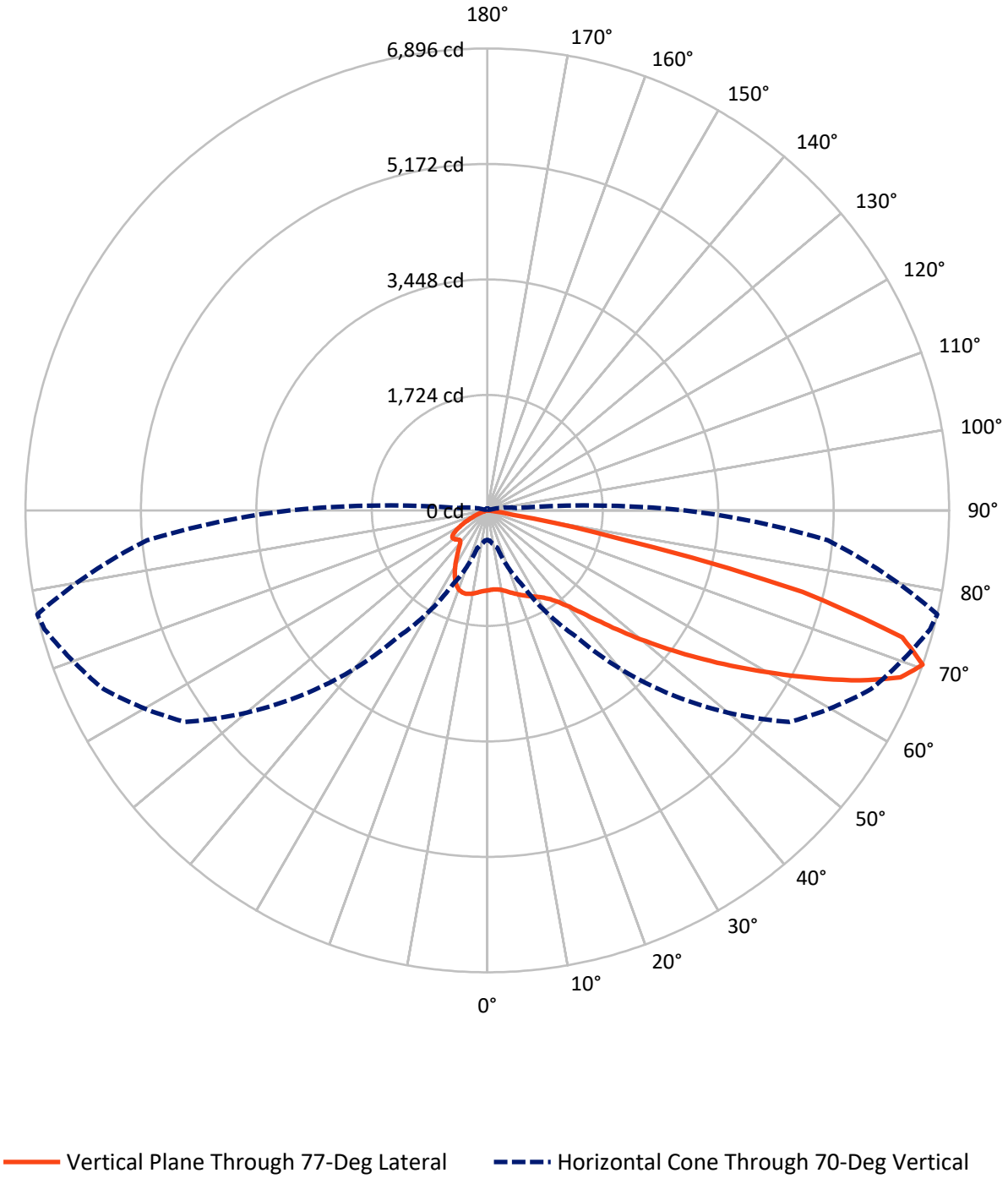
Based on 10 foot mounting height. Maximum calculated value = 14 fc
Type III - Medium - N/A

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REPORT NUMBER: P1198923
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Luminous Intensity Polar Plot



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Scaled Data Report

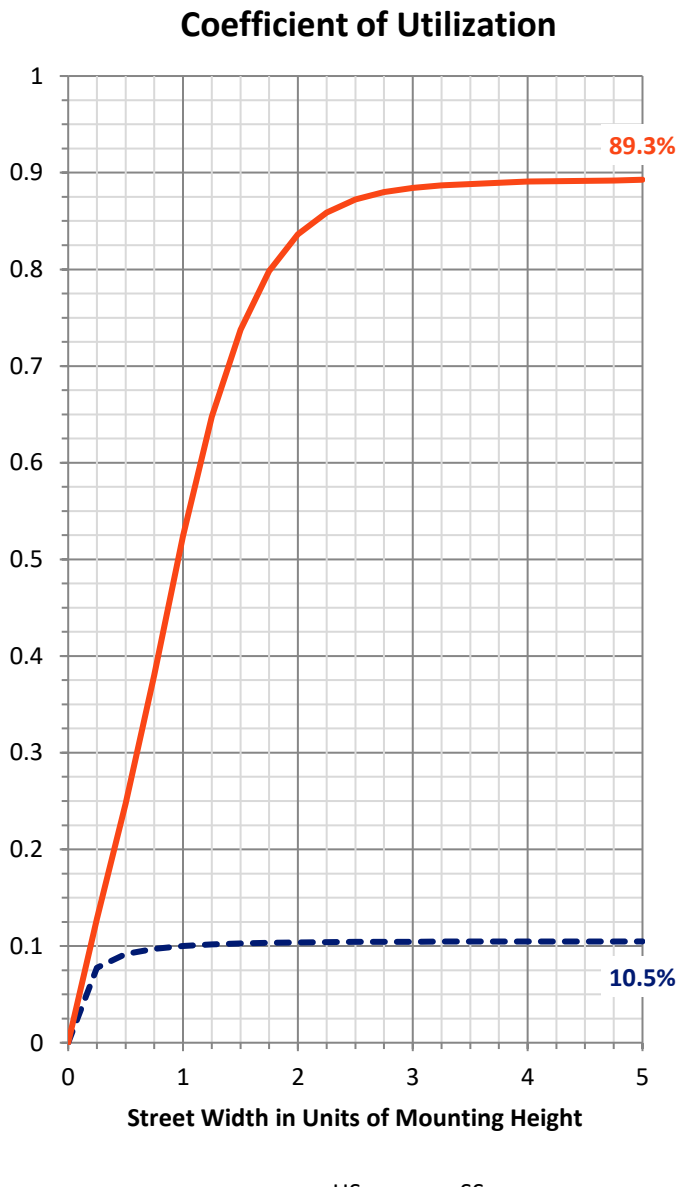
REPORT NUMBER: P1198923
CATALOG NUMBER: GPC-SB1D-830-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	806.7	0.0	806.7
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	6846.3	0.0	6846.3
	% Fixture	89.5	0.0	89.5
Total	Lumens	7653.0	0.0	7653.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.9	1.3
10°-20°	244.2	3.2
20°-30°	377.7	4.9
30°-40°	685.4	9.0
40°-50°	1293.9	16.9
50°-60°	1869.5	24.4
60°-70°	1990.1	26.0
70°-80°	1054.6	13.8
80°-90°	34.6	0.5
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°	7653.0	100.0
0°-180°	7653.0	100.0



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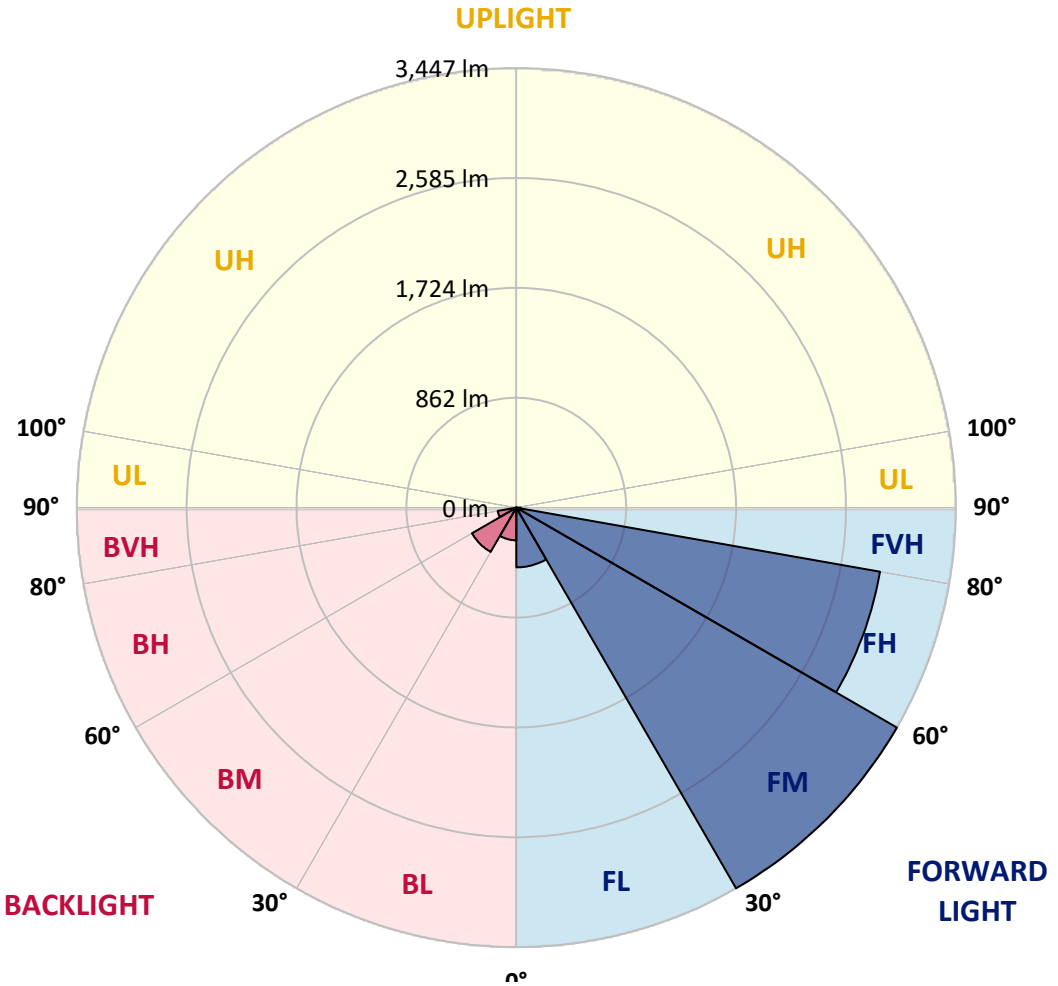
Scaled Data Report

REPORT NUMBER: P1198923
CATALOG NUMBER: GPC-SB1D-830-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	468.5	6.1			
FM	(30°-60°)	3447.3	45.0			
FH	(60°-80°)	2896.8	37.9			G2/5000
FVH	(80°-90°)	33.7	0.4			G1/100
BL	(0°-30°)	256.3	3.3	B1/500		
BM	(30°-60°)	401.6	5.2	B1/1000		
BH	(60°-80°)	147.9	1.9	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 III Medium



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Scaled Data Report

REPORT NUMBER: P1198923
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	*1193.7*	1193.7
2.5°	1120.8	1130.9	1129.5	1136.2	1138.6	1148.3	1158.0	1171.0	1185.5	*1185.0*	1194.7
5°	1057.4	1067.6	1070.0	1079.2	1090.8	1105.8	1125.6	1151.7	1178.7	*1183.1*	1202.4
7.5°	982.5	993.2	999.4	1017.8	1039.1	1070.0	1102.4	1140.6	1185.5	*1191.8*	1229.0
10°	907.6	917.3	925.5	951.6	985.4	1031.3	1084.0	1139.1	1199.5	*1208.7*	1261.4
12.5°	861.2	870.4	879.6	902.3	944.4	1000.4	1071.9	1145.9	1222.7	*1235.8*	1305.4
15°	844.8	853.0	860.3	880.6	919.7	983.5	1069.5	1159.9	1252.2	*1269.6*	1358.5
17.5°	847.2	851.6	856.4	871.9	910.0	975.8	1073.9	1184.1	1287.0	*1302.5*	1411.7
20°	861.2	863.6	864.1	874.8	908.6	974.8	1082.6	1207.3	1319.9	*1340.7*	1464.4
22.5°	879.1	880.1	879.1	886.4	917.8	982.0	1094.2	1235.3	1356.6	*1375.9*	1517.5
25°	962.7	944.4	921.2	907.1	933.2	996.1	1111.6	1273.0	1396.7	*1415.6*	1569.2
27.5°	1222.2	1169.6	1086.4	993.2	965.1	1016.4	1135.7	1311.2	1437.3	*1454.2*	1624.8
30°	1643.7	1574.6	1433.4	1223.2	1067.6	1058.9	1167.1	1349.3	1480.3	*1498.7*	1684.3
32.5°	2066.1	2049.2	1886.3	1595.3	1298.1	1153.6	1219.3	1401.1	1537.3	*1551.8*	1764.5
35°	2493.3	2459.0	2325.6	2038.0	1653.3	1346.4	1306.3	1468.7	1612.3	*1628.7*	1881.5
37.5°	2820.5	2799.7	2717.1	2480.3	2074.8	1644.2	1455.2	1573.6	1721.0	*1739.4*	2031.3
40°	3109.5	3099.8	3071.8	2915.7	2546.0	2033.7	1686.7	1736.0	1871.8	*1893.5*	2214.9
42.5°	3336.6	3359.4	3375.3	3331.8	3031.7	2478.3	1997.9	1964.1	2082.0	*2104.3*	2448.8
45°	3569.1	3576.8	3641.1	3703.9	3514.0	2943.2	2348.8	2231.4	2343.5	*2371.0*	2729.1
47.5°	3718.4	3749.4	3862.5	3973.1	3919.5	3404.3	2725.8	2546.9	2646.5	*2698.2*	3043.3
50°	3729.6	3788.0	3943.7	4136.5	4214.8	3843.1	3135.6	2906.5	3012.4	*3069.4*	3378.7
52.5°	3544.5	3635.3	3876.5	4158.7	4374.3	4214.8	3559.4	3266.1	3401.9	*3476.3*	3726.7
55°	2717.5	2836.4	3623.7	4037.9	4380.6	4496.5	3972.2	3640.6	3835.9	*3920.0*	4102.7
57.5°	2367.6	2427.6	2849.0	3828.2	4264.1	4610.1	4345.3	3997.3	4308.1	*4412.5*	4457.9
60°	1969.9	2048.7	2389.4	3485.0	4106.0	4621.2	4674.9	4457.4	4819.9	*4937.3*	4783.6
62.5°	1338.7	1424.3	1763.0	2895.4	3890.0	4615.9	4945.0	4931.0	5388.7	*5514.8*	5059.6
65°	829.3	883.0	1106.3	2364.3	3588.0	4621.7	5227.8	5506.1	5988.9	*6117.0*	5273.2
67.5°	655.3	680.0	796.5	1815.2	3067.5	4491.2	5510.0	6046.9	6553.9	*6655.4*	5338.4
70°	*440.3*	*455.3*	*579.5*	*1216.9*	*2282.1*	*3889.0*	*5504.7*	*6318.6*	*6844.9*	*6895.6*	*5100.7*
72.5°	232.0	243.6	338.8	563.5	1378.3	2764.4	4640.1	5993.8	6555.4	*6479.0*	4359.8
75°	116.0	135.3	228.1	286.1	588.6	1541.7	2881.4	4725.6	5159.6	*4863.8*	2797.3
77.5°	88.0	106.3	188.5	188.5	204.9	519.1	1220.3	2577.4	2377.3	*1979.6*	821.1
80°	56.1	72.5	164.8	142.6	85.5	131.9	318.0	722.0	505.0	*384.2*	149.3
82.5°	32.9	47.4	137.3	94.2	47.8	48.8	89.9	153.7	131.0	*102.0*	45.9
85°	13.0	30.9	94.2	37.2	18.8	12.1	27.1	32.9	27.1	*20.3*	11.6
87.5°	0.0	7.2	16.4	0.0	1.4	1.0	1.9	2.4	2.4	*1.9*	3.9
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: P1198923
CATALOG NUMBER: GPC-SB1D-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7	1193.7
2.5°	1199.0	1200.0	1202.9	1203.4	1196.6	1187.9	1184.5	1183.1	1177.3	1176.8	1177.8
5°	1213.5	1217.9	1213.5	1201.0	1171.0	1129.0	1097.1	1071.0	1047.3	1040.0	1035.7
7.5°	1242.5	1246.9	1233.8	1184.5	1109.2	1025.5	950.2	897.0	849.1	831.3	824.0
10°	1284.1	1289.9	1248.8	1149.3	1015.9	881.5	753.9	664.0	594.0	565.5	553.4
12.5°	1336.3	1338.7	1257.0	1095.6	894.6	702.7	522.0	425.8	363.4	340.2	333.0
15°	1393.8	1390.4	1258.0	1022.6	729.3	496.8	340.7	279.8	254.7	247.0	247.0
17.5°	1454.2	1440.2	1238.7	917.3	548.1	339.8	252.8	238.3	233.9	232.0	231.5
20°	1513.7	1482.3	1203.4	779.5	393.4	253.7	229.6	225.2	222.8	221.8	220.9
22.5°	1567.8	1514.2	1143.0	619.6	285.6	224.2	217.0	213.1	208.8	206.8	206.4
25°	1620.5	1532.5	1057.9	470.2	228.6	209.7	203.9	196.7	190.9	188.5	187.5
27.5°	1671.7	1544.1	951.6	348.0	203.9	196.2	185.6	175.4	171.1	170.1	169.2
30°	1726.3	1548.0	830.8	259.5	189.0	179.3	163.8	152.2	149.8	150.3	150.3
32.5°	1793.0	1553.8	709.0	212.6	176.4	159.0	140.6	128.6	126.6	128.6	128.1
35°	1872.8	1565.4	591.5	195.7	165.3	138.2	118.4	108.3	106.3	107.8	107.3
37.5°	1981.0	1584.2	481.8	192.3	156.1	120.8	99.6	91.3	91.3	91.8	91.3
40°	2125.0	1634.5	383.7	189.9	151.3	107.8	84.1	80.7	82.2	83.1	83.1
42.5°	2300.5	1741.3	317.5	187.0	146.0	102.0	76.4	74.9	77.3	78.3	78.3
45°	2497.2	1876.6	294.3	182.2	141.1	105.8	73.0	71.0	73.9	74.4	74.9
47.5°	2700.6	2009.0	291.4	176.9	136.3	111.6	72.0	67.7	71.0	71.5	72.0
50°	2906.5	2095.6	294.3	168.7	128.6	111.6	72.5	64.3	67.2	68.6	69.1
52.5°	3113.8	2135.2	292.4	150.8	115.0	104.9	72.5	61.4	64.3	65.2	65.2
55°	3314.9	2127.4	262.9	124.2	97.6	92.8	70.6	59.0	60.9	61.4	61.4
57.5°	3473.9	2019.7	208.3	96.7	79.3	77.3	64.3	56.1	57.5	57.0	57.0
60°	3557.0	1782.9	148.9	74.4	62.3	60.9	56.5	52.2	53.2	50.7	50.3
62.5°	3558.0	1469.7	99.6	59.0	49.8	48.3	48.3	46.9	45.9	41.1	39.6
65°	3482.1	1122.2	66.2	46.9	40.1	37.7	40.6	40.1	36.7	30.0	29.0
67.5°	3310.1	735.6	50.3	36.7	30.9	29.5	32.4	33.8	31.4	25.1	24.6
70°	*2956.3*	*428.2*	*41.6*	*28.5*	*23.2*	*21.7*	*26.1*	*29.0*	*26.1*	*20.3*	*19.3*
72.5°	2455.6	231.0	33.8	21.3	15.9	14.5	20.8	23.7	20.8	15.0	14.5
75°	1593.4	123.7	26.1	14.0	8.2	9.2	15.5	17.4	14.5	9.7	8.7
77.5°	535.0	54.6	16.4	6.8	3.9	3.9	9.2	10.6	6.8	3.4	2.9
80°	119.4	22.7	6.8	2.9	1.4	1.4	1.9	1.9	1.0	0.0	0.0
82.5°	39.1	9.2	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.0	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	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

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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

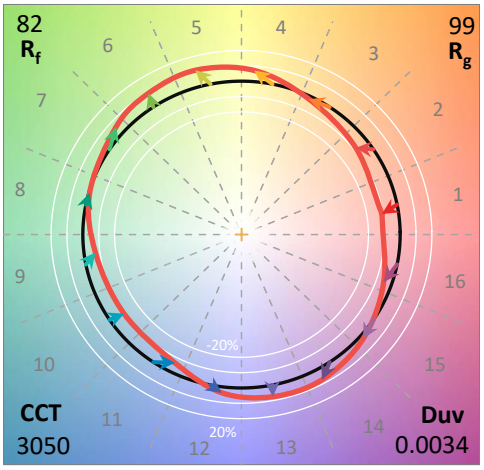
Test Information

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

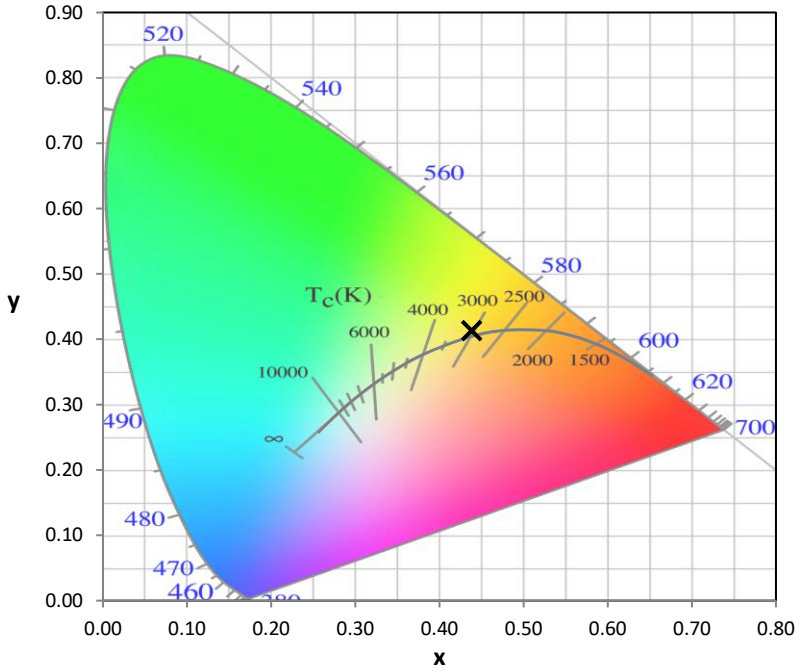
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

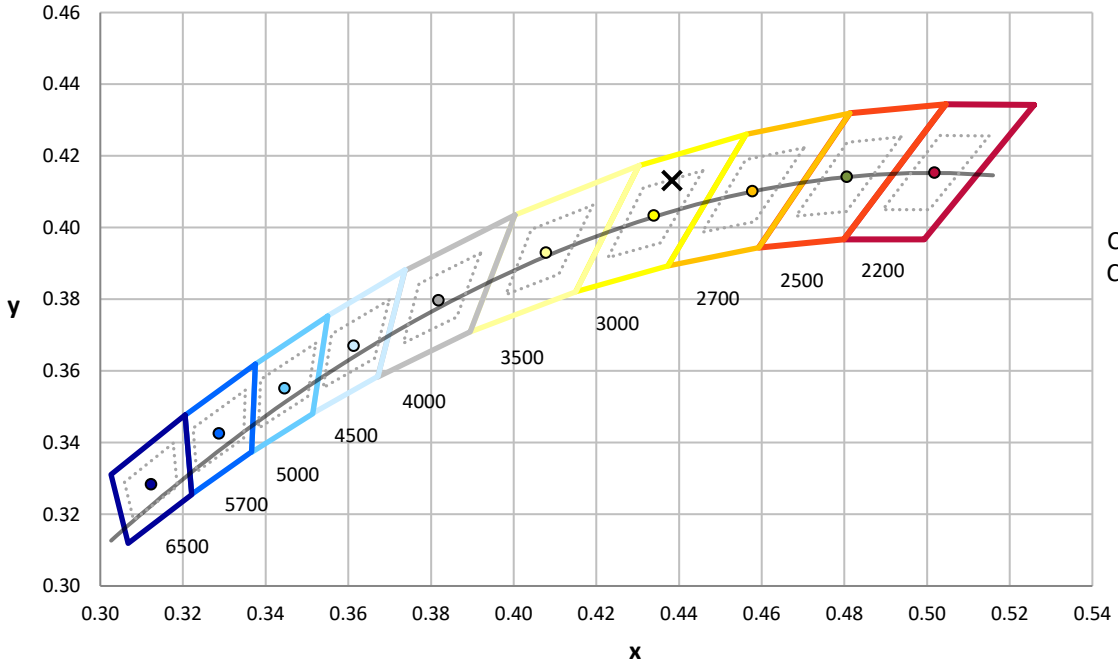
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

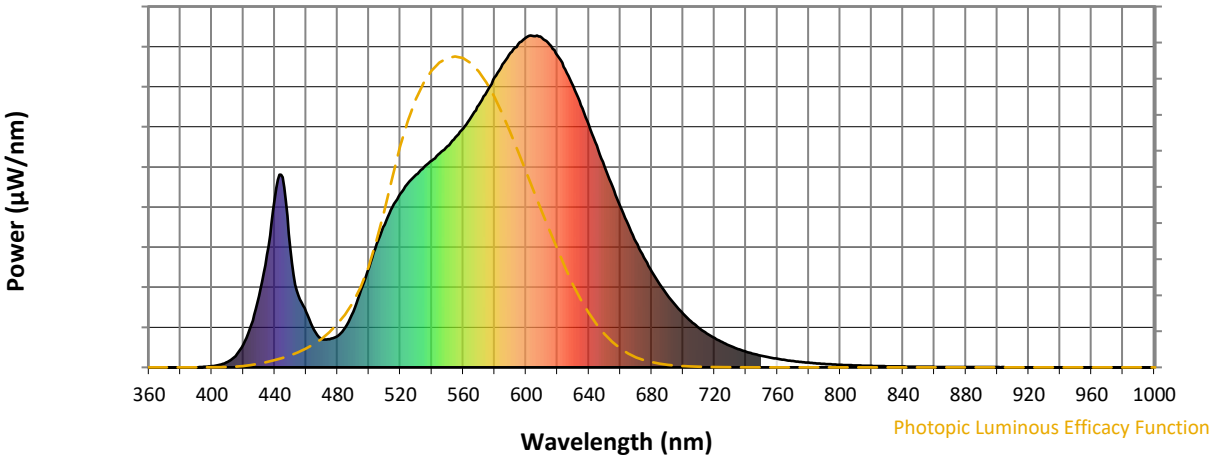


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

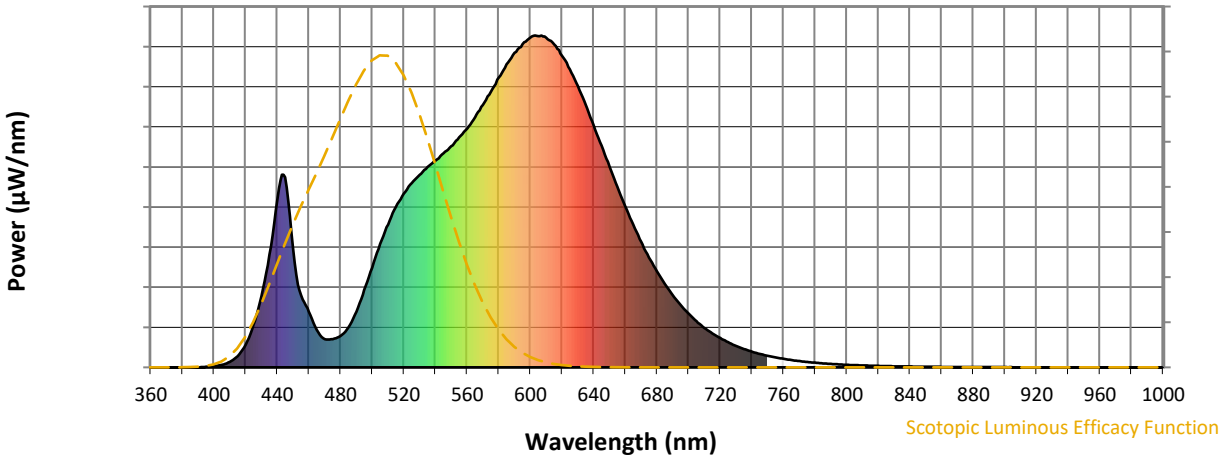


Photopic Lumens: NR

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

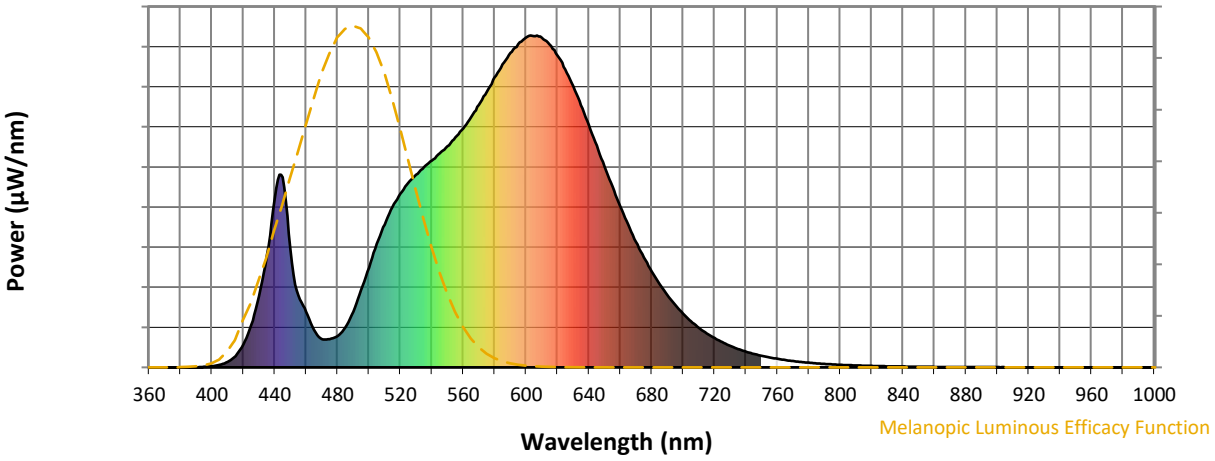


Scotopic Lumens: NR **S/P: 1.27**

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			

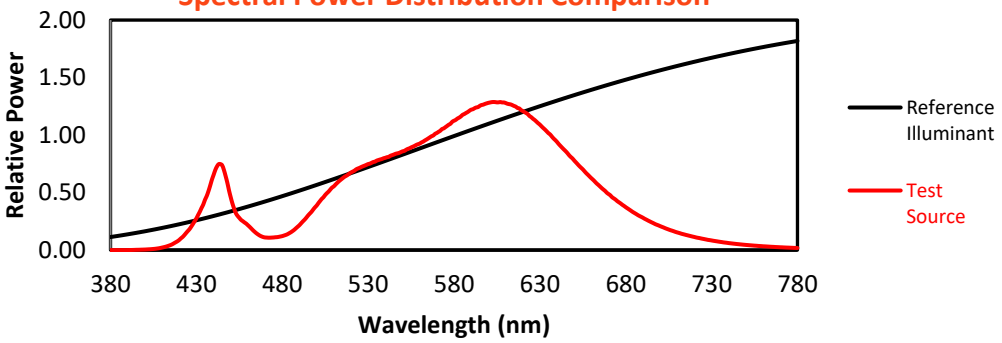
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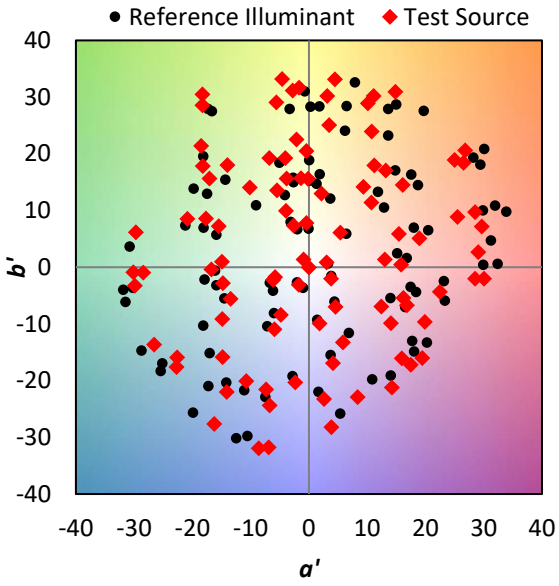
Summary

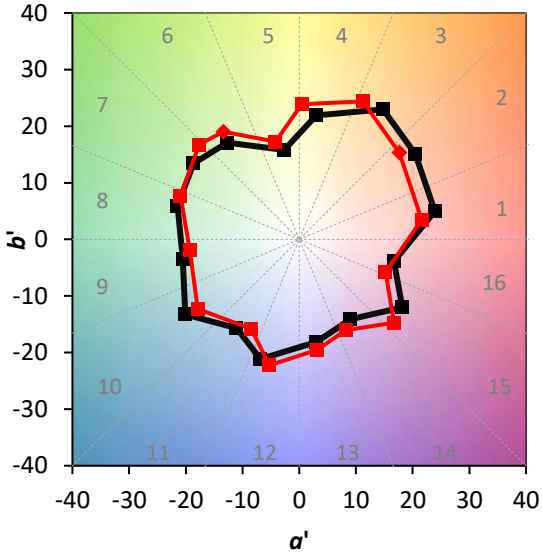
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

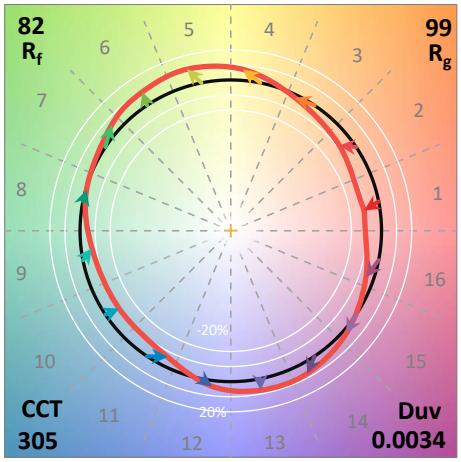
Spectral Power Distribution Comparison

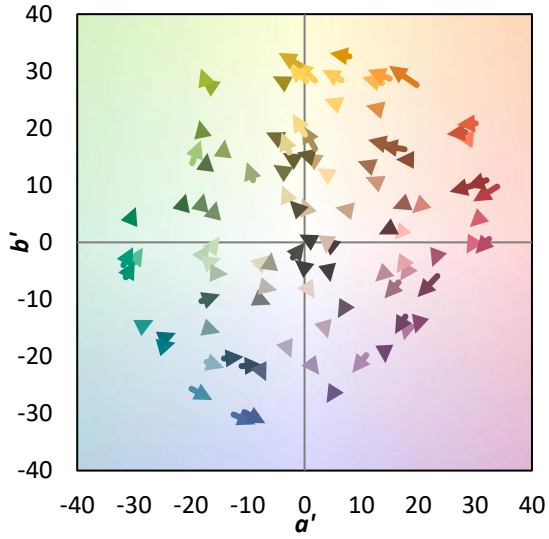


Color Vector Graphics







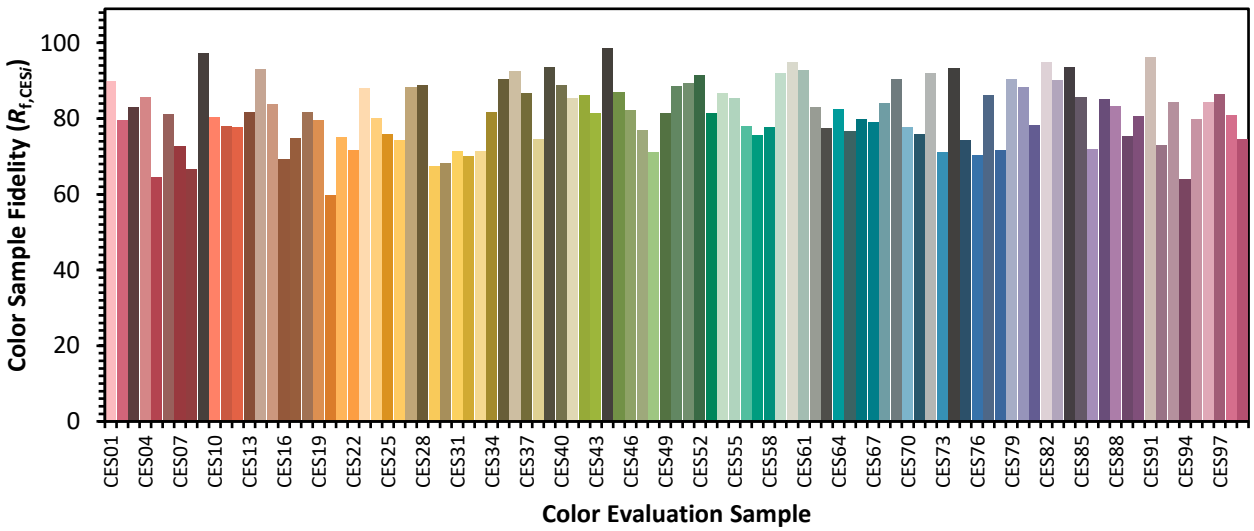


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Individual Sample Fidelity Index ($R_{f,i}$)

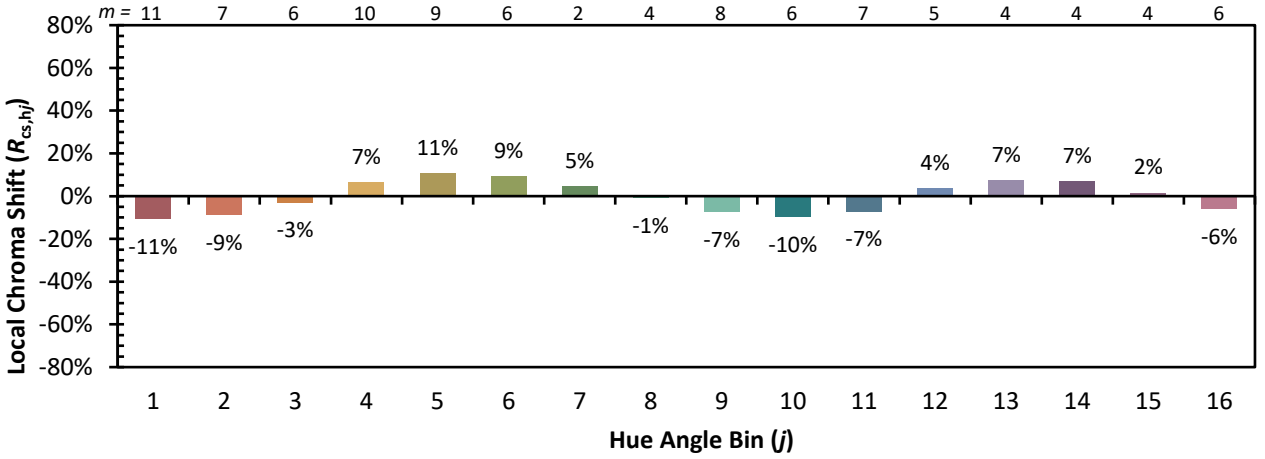
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

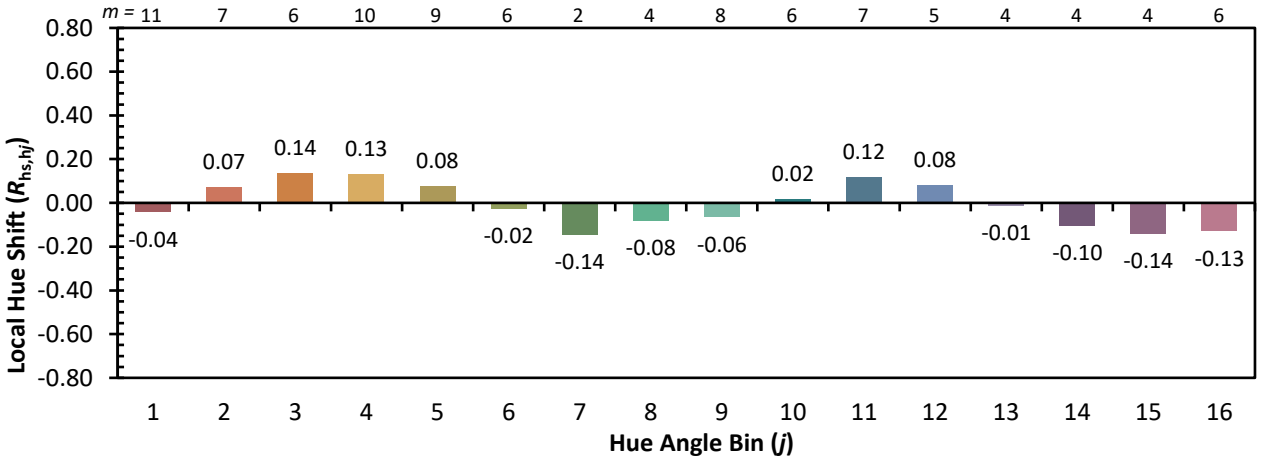


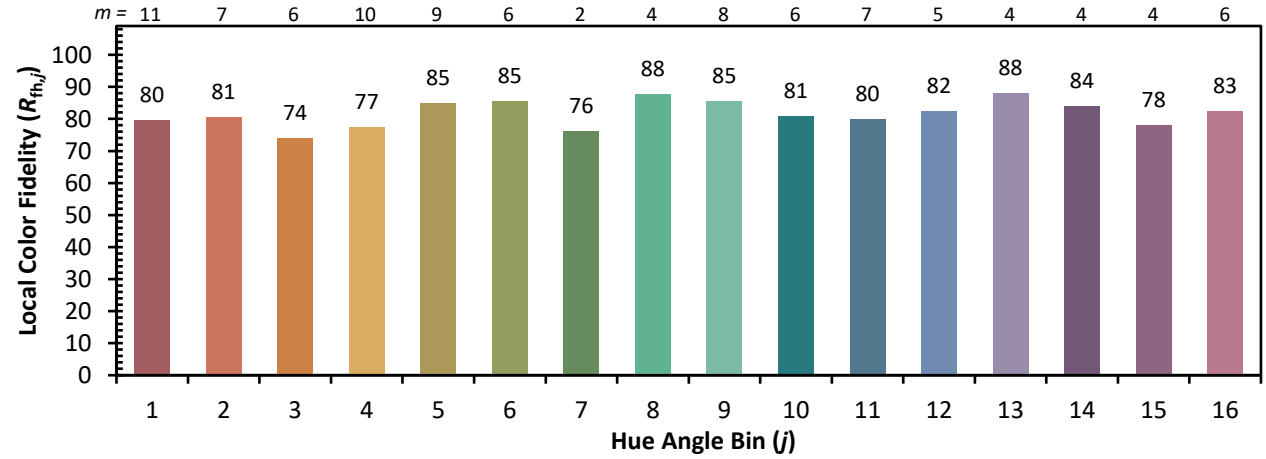
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Color Rendition by Hue-Angle Bin



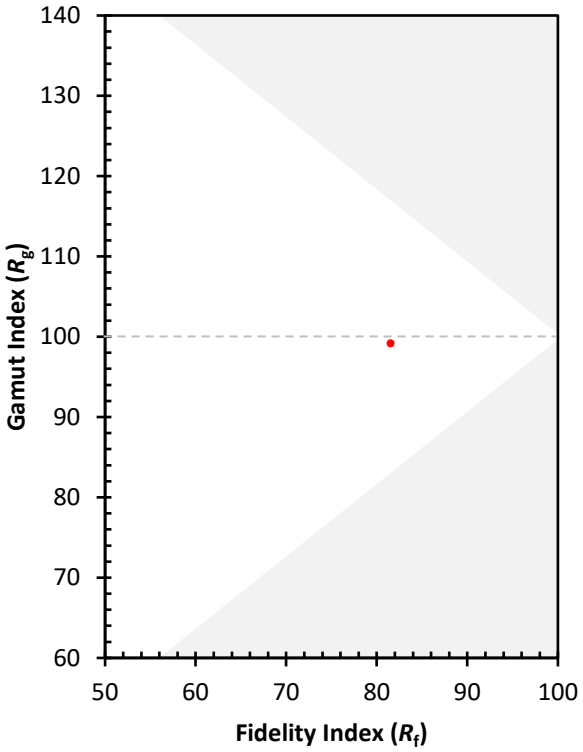


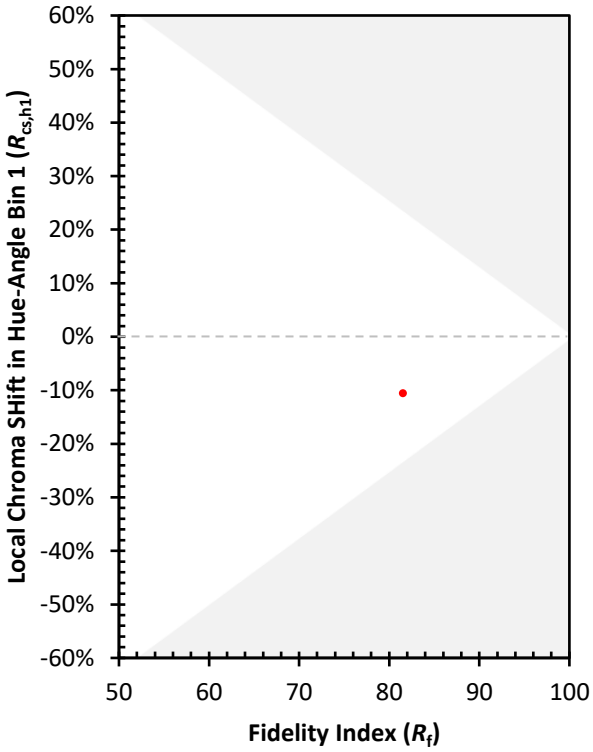


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Measure Comparisons





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