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: P1198927

Luminaire Tested: GPC-SB1D-830-U-T4FT

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:	P1198927
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-T4FT
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9085 lumens
Efficiency:	N/A
Efficacy:	114.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - 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

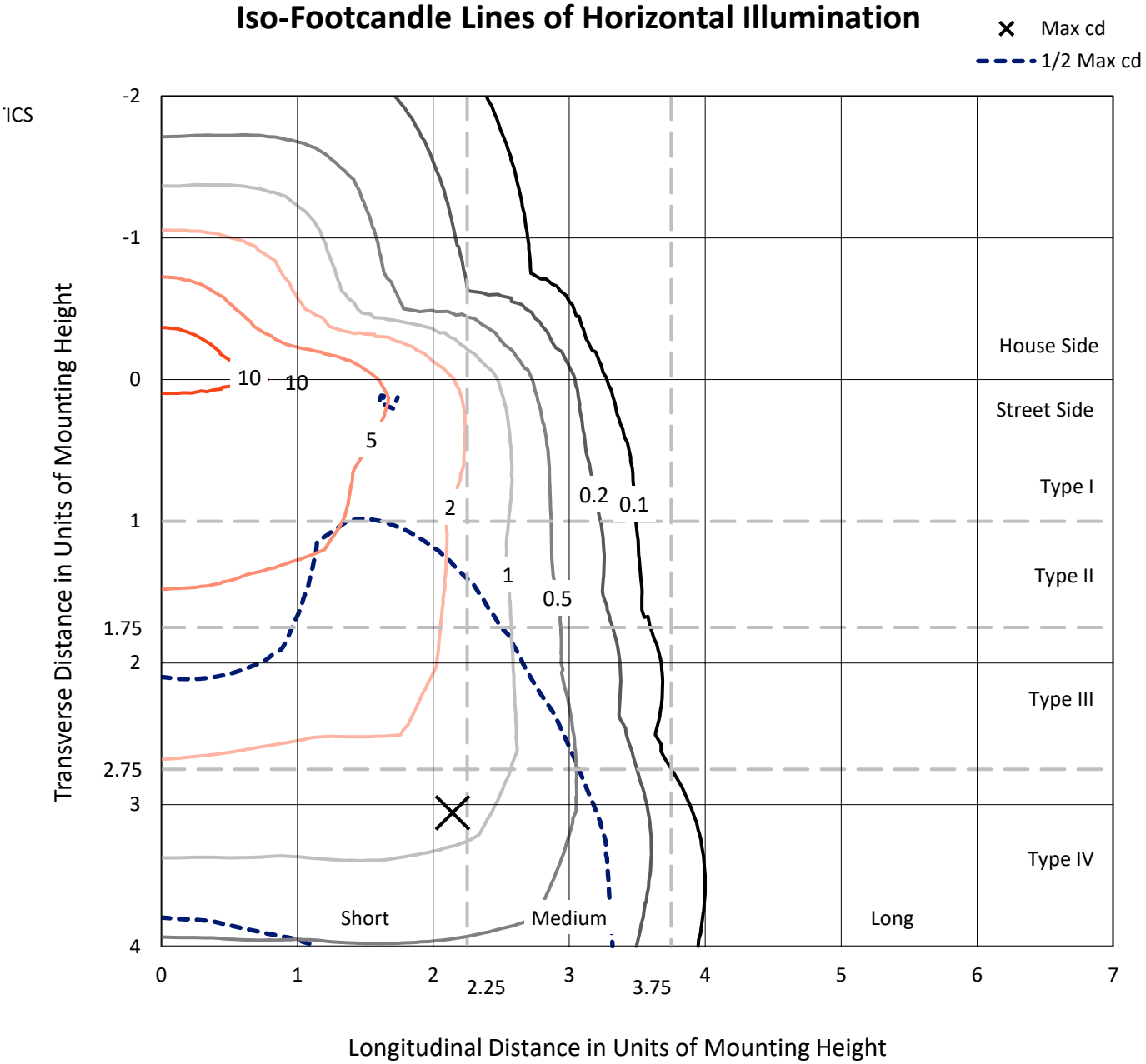


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Scaled Data Report

REPORT NUMBER: P1198927
CATALOG NUMBER: GPC-SB1D-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



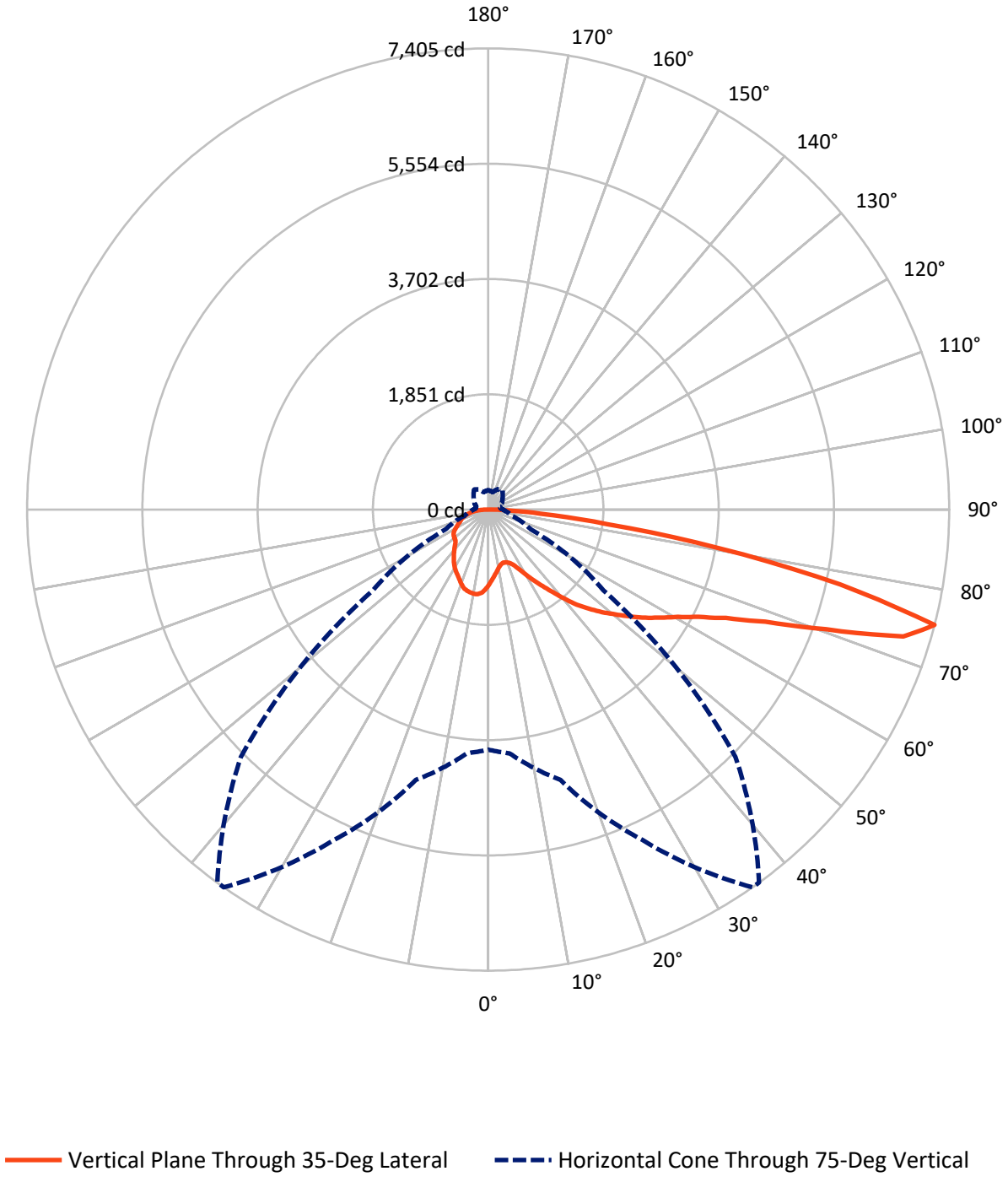
Based on 10 foot mounting height. Maximum calculated value = 13.4 fc
Type IV - Short - N/A

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REPORT NUMBER: P1198927
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Luminous Intensity Polar Plot



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Scaled Data Report

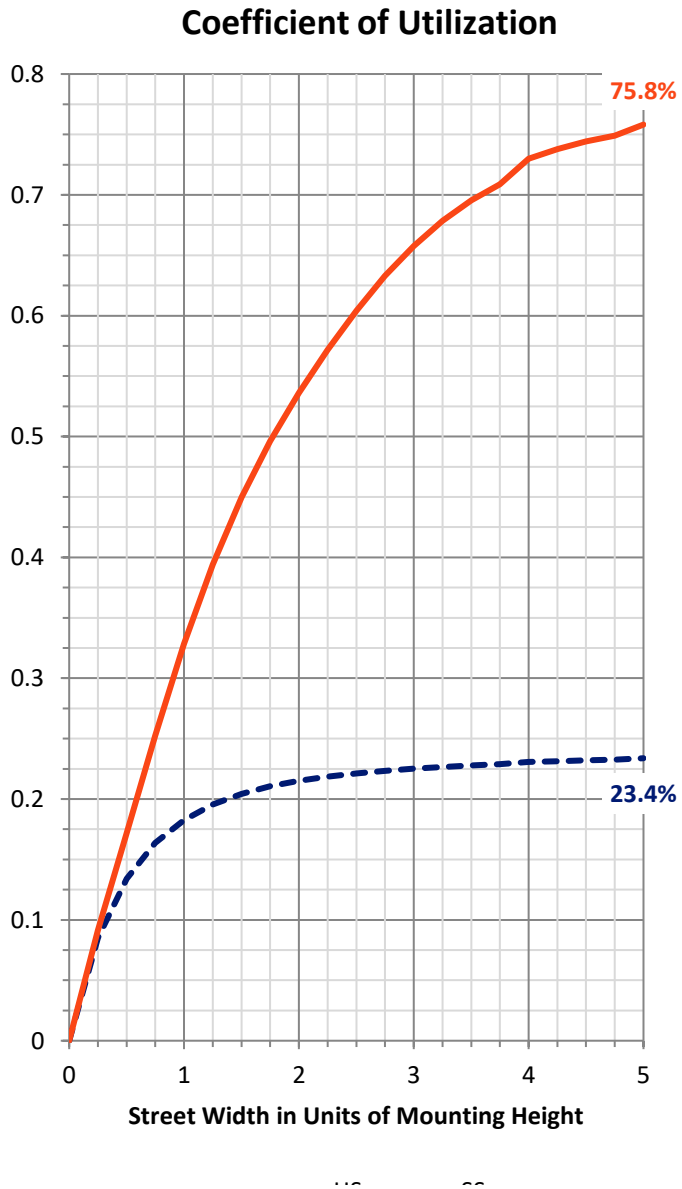
REPORT NUMBER: P1198927
CATALOG NUMBER: GPC-SB1D-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2162.0	0.0	2162.0
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	6923.0	0.0	6923.0
	% Fixture	76.2	0.0	76.2
Total	Lumens	9085.0	0.0	9085.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.6	1.3
10°-20°	330.6	3.6
20°-30°	555.2	6.1
30°-40°	862.9	9.5
40°-50°	1280.7	14.1
50°-60°	1768.1	19.5
60°-70°	2145.1	23.6
70°-80°	1772.8	19.5
80°-90°	255.0	2.8
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°	9085.0	100.0
0°-180°	9085.0	100.0



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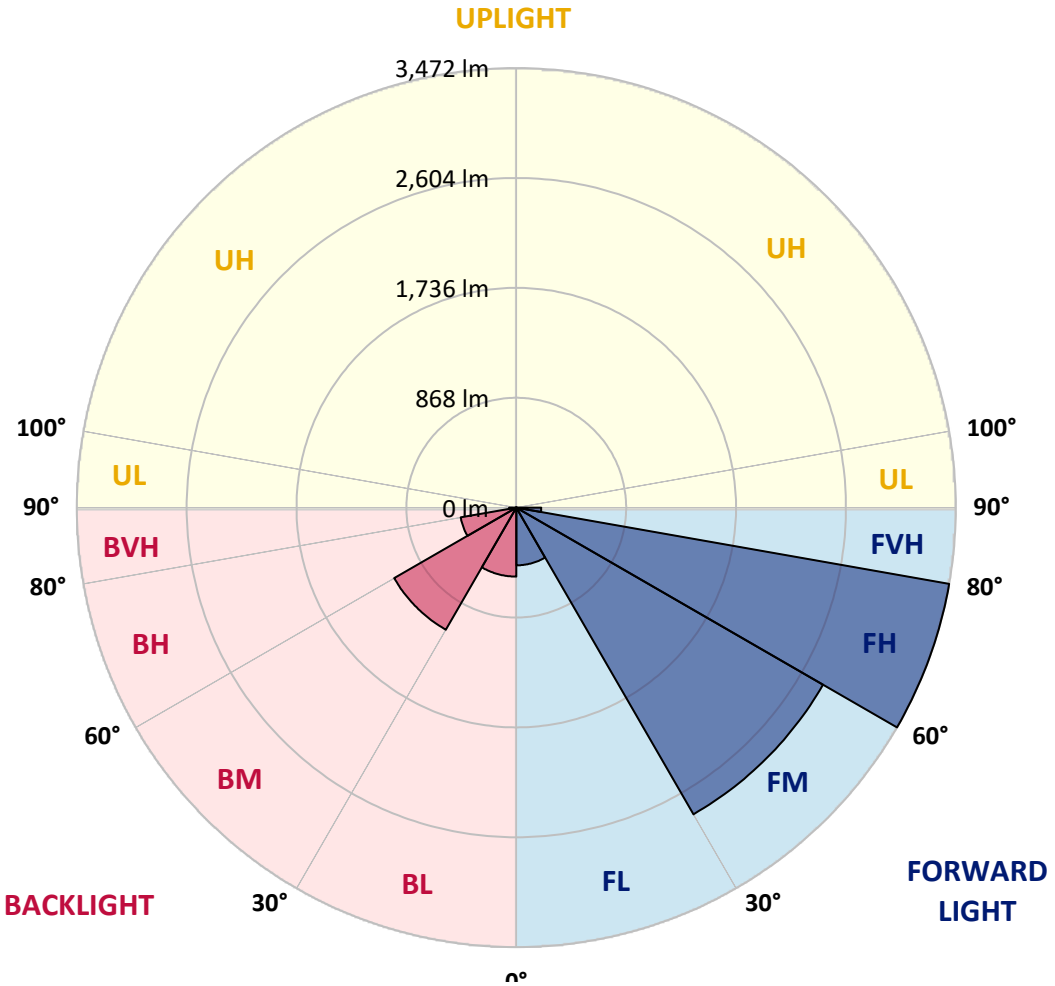
Scaled Data Report

REPORT NUMBER: P1198927
CATALOG NUMBER: GPC-SB1D-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	455.6	5.0			
FM	(30°-60°)	2797.7	30.8			
FH	(60°-80°)	3472.1	38.2			G2/5000
FVH	(80°-90°)	197.6	2.2			G2/225
BL	(0°-30°)	544.9	6.0	B2/1000		
BM	(30°-60°)	1114.0	12.3	B2/2500		
BH	(60°-80°)	445.7	4.9	B1/500		G1/500
BVH	(80°-90°)	57.4	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6
2.5°	1116.3	1123.2	1126.2	1124.7	1132.1	1131.1	1141.4	1154.2	1171.8	1189.0	1214.1
5°	1030.4	1037.8	1044.1	1050.0	1064.3	1068.7	1084.9	1109.5	1141.9	1174.8	1216.0
7.5°	950.3	956.7	966.5	977.4	1001.4	1005.8	1032.8	1071.2	1116.3	1164.5	1221.4
10°	885.0	891.4	901.7	914.0	944.0	949.4	983.7	1034.8	1093.7	1154.6	1227.3
12.5°	857.0	859.0	864.9	877.2	903.2	906.6	944.4	1002.9	1071.6	1147.3	1236.2
15°	855.6	859.5	860.0	866.4	888.0	889.4	924.3	982.3	1057.9	1145.8	1249.4
17.5°	870.3	873.2	868.8	872.7	890.9	893.4	920.9	972.4	1053.5	1152.2	1272.0
20°	909.6	912.0	898.8	893.4	906.6	908.6	935.6	978.8	1057.9	1165.5	1303.0
22.5°	993.1	994.5	962.1	940.0	941.0	942.0	965.6	1004.9	1075.1	1189.5	1342.3
25°	1123.2	1122.2	1070.7	1027.9	1003.4	998.0	1013.7	1047.1	1104.1	1221.4	1392.8
27.5°	1275.5	1268.1	1216.5	1152.7	1099.2	1091.3	1087.9	1102.1	1145.3	1263.7	1454.7
30°	1447.4	1440.5	1385.0	1301.5	1227.3	1214.6	1182.2	1174.8	1206.7	1321.1	1540.7
32.5°	1636.0	1631.5	1565.2	1464.1	1364.9	1350.1	1295.6	1276.0	1301.0	1408.1	1660.5
35°	1794.1	1790.2	1735.2	1631.0	1509.7	1491.6	1436.1	1414.0	1426.7	1519.6	1817.2
37.5°	1937.0	1935.1	1887.9	1805.9	1680.6	1658.5	1596.2	1588.8	1586.4	1666.4	2007.3
40°	2069.6	2064.7	2015.6	1972.4	1879.6	1859.4	1804.4	1798.0	1779.4	1847.1	2222.4
42.5°	2216.5	2203.7	2132.5	2112.4	2087.3	2070.6	2037.7	2038.7	1997.4	2051.0	2450.3
45°	2336.3	2328.9	2255.8	2244.0	2271.0	2264.1	2292.6	2300.0	2219.9	2264.6	2687.0
47.5°	2465.0	2458.1	2396.2	2387.9	2461.1	2463.0	2563.7	2566.2	2437.0	2486.6	2924.2
50°	2623.6	2613.8	2552.4	2562.7	2644.7	2652.1	2836.3	2819.6	2636.9	2712.0	3159.4
52.5°	2728.2	2734.1	2720.9	2737.6	2849.5	2856.4	3104.4	3061.7	2834.8	2934.5	3390.3
55°	2805.3	2817.1	2858.4	2896.7	3065.6	3072.5	3357.4	3292.1	2998.8	3140.8	3607.4
57.5°	2904.5	2887.8	2965.0	3039.6	3270.9	3289.1	3603.4	3514.0	3144.2	3318.6	3756.2
60°	3047.0	3035.2	3095.1	3205.6	3500.8	3529.8	3863.7	3713.9	3250.8	3459.5	3785.1
62.5°	3335.8	3306.3	3315.6	3413.4	3790.5	3828.9	4157.4	3888.3	3303.8	3514.5	3629.9
65°	3767.5	3716.9	3669.7	3737.5	4198.7	4236.5	4488.9	4025.3	3284.2	3408.0	3217.9
67.5°	4311.1	4261.1	4203.1	4266.9	4799.8	4829.8	4898.0	4102.4	3129.5	2997.4	2489.5
70°	4759.5	4740.9	4810.1	5072.9	5760.0	5761.0	5422.6	4038.6	2705.6	2125.1	1440.5
72.5°	4700.1	4688.8	5053.7	5866.1	6970.1	6944.1	5919.1	3555.3	1822.6	958.7	539.8
75°	3855.9	3929.0	4494.3	5851.8	7404.8	7401.3	5615.1	2260.2	753.9	397.3	279.0
77.5°	2067.7	2183.6	2917.8	4320.5	5780.6	5867.5	3947.7	790.7	323.7	254.4	193.0
80°	674.3	775.5	1163.0	2199.8	3756.2	3740.0	1691.9	310.4	221.5	180.2	133.6
82.5°	286.3	298.1	519.6	1038.7	1927.7	1897.7	538.8	178.3	155.7	123.3	82.5
85°	112.0	125.2	229.4	480.3	834.9	816.8	194.5	88.4	99.7	80.5	49.1
87.5°	36.8	44.7	82.0	164.5	259.8	250.5	47.6	30.5	43.2	36.8	17.7
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: P1198927
CATALOG NUMBER: GPC-SB1D-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6	1210.6
2.5°	1221.0	1228.8	1238.1	1251.9	1263.7	1273.5	1283.8	1290.2	1292.7	1300.0	1299.5
5°	1229.8	1247.0	1270.1	1292.7	1314.8	1328.0	1339.8	1345.7	1351.1	1355.0	1356.0
7.5°	1244.5	1266.6	1303.0	1332.4	1351.1	1361.9	1369.8	1367.8	1369.8	1370.7	1372.2
10°	1257.3	1288.2	1331.5	1359.5	1373.7	1374.2	1372.2	1365.3	1361.9	1362.4	1363.4
12.5°	1272.5	1306.9	1353.6	1377.1	1381.1	1370.3	1361.9	1350.1	1345.7	1343.7	1342.8
15°	1293.1	1332.4	1377.6	1386.5	1376.6	1362.9	1348.6	1329.5	1319.7	1311.8	1314.3
17.5°	1318.2	1361.4	1396.3	1389.9	1368.8	1346.2	1323.1	1294.1	1274.0	1265.6	1266.1
20°	1353.1	1391.9	1410.5	1382.5	1350.6	1316.2	1276.9	1241.6	1222.9	1214.6	1213.6
22.5°	1395.3	1432.6	1424.3	1369.8	1324.6	1269.6	1220.5	1194.4	1185.1	1179.2	1180.2
25°	1445.9	1477.8	1434.1	1351.1	1281.9	1207.7	1169.9	1161.5	1157.1	1152.7	1152.7
27.5°	1511.7	1528.9	1441.5	1323.6	1215.1	1141.9	1128.1	1129.6	1128.1	1120.8	1122.2
30°	1598.6	1595.2	1448.3	1278.9	1138.4	1082.5	1083.4	1089.8	1090.8	1085.9	1088.3
32.5°	1713.1	1678.2	1451.8	1221.0	1065.3	1030.4	1031.4	1038.3	1043.2	1034.8	1038.7
35°	1851.6	1774.9	1446.4	1148.3	1008.8	980.8	973.4	975.4	976.9	969.0	974.4
37.5°	2013.1	1883.5	1422.3	1067.7	962.1	932.2	916.5	903.2	895.3	888.0	892.9
40°	2190.4	2001.8	1378.1	989.1	910.1	880.6	857.0	832.0	805.5	795.6	800.1
42.5°	2376.1	2123.7	1324.6	914.0	850.1	826.1	801.0	764.7	724.9	704.8	707.2
45°	2568.6	2248.4	1272.0	839.8	788.8	778.4	749.5	705.8	662.5	637.0	635.0
47.5°	2757.2	2366.3	1194.9	765.2	731.3	742.6	720.0	679.7	631.6	591.3	586.9
50°	2937.5	2476.8	1068.7	689.5	684.6	731.8	710.2	652.2	597.2	545.6	541.2
52.5°	3116.2	2566.2	907.1	620.8	659.6	728.8	697.4	633.6	566.3	512.2	506.4
55°	3268.0	2612.3	751.4	561.9	623.2	703.8	682.2	611.5	522.6	465.1	460.2
57.5°	3354.4	2575.0	621.8	503.9	573.1	662.5	656.2	564.3	470.5	426.3	420.4
60°	3317.1	2423.7	515.7	453.3	525.5	617.8	611.0	517.7	430.7	389.0	383.1
62.5°	3111.3	2135.4	431.7	409.1	482.3	572.2	565.8	481.8	400.3	360.0	353.6
65°	2696.8	1737.1	366.4	372.3	438.6	517.2	526.5	451.8	376.2	336.9	330.5
67.5°	2056.9	1258.3	315.3	340.4	395.9	463.1	490.1	430.2	356.1	318.7	312.9
70°	1172.3	714.6	272.1	309.4	358.0	413.0	462.2	413.0	334.5	303.5	299.6
72.5°	444.5	328.1	235.3	278.5	321.7	370.8	431.2	386.0	309.4	286.3	282.4
75°	*237.2*	*199.9*	*197.9*	*242.1*	*279.9*	*329.5*	*392.4*	*359.5*	*290.7*	*302.5*	*312.4*
77.5°	161.6	141.4	165.5	207.3	234.3	283.9	351.2	319.2	252.0	251.0	231.3
80°	112.0	100.2	134.6	167.0	181.2	238.7	306.5	274.1	205.3	191.5	183.2
82.5°	67.3	65.3	100.7	124.7	128.2	184.2	253.9	229.8	168.0	146.4	147.3
85°	36.8	38.8	64.3	73.2	74.7	128.7	198.9	177.8	129.2	108.5	109.5
87.5°	10.3	13.3	23.6	29.0	35.9	66.8	118.4	105.6	64.8	45.2	45.2
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

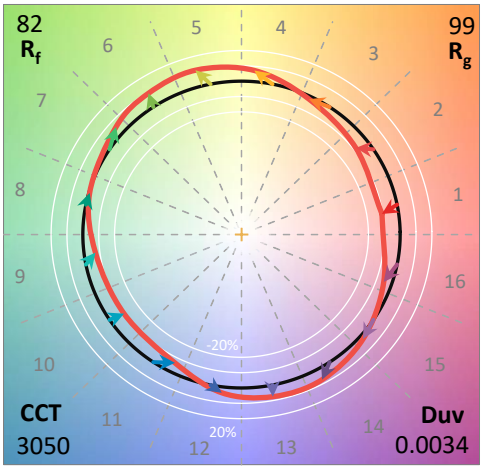
Test Information

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

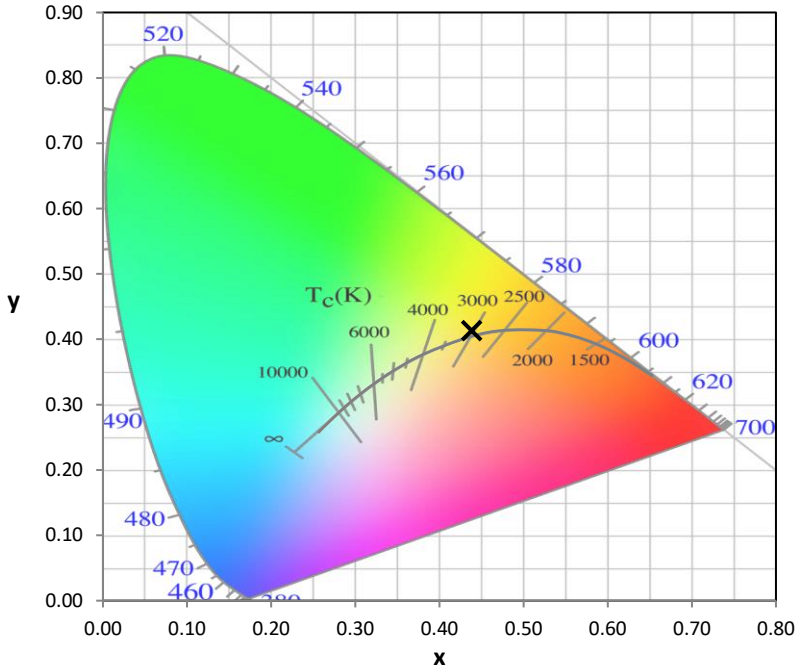
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

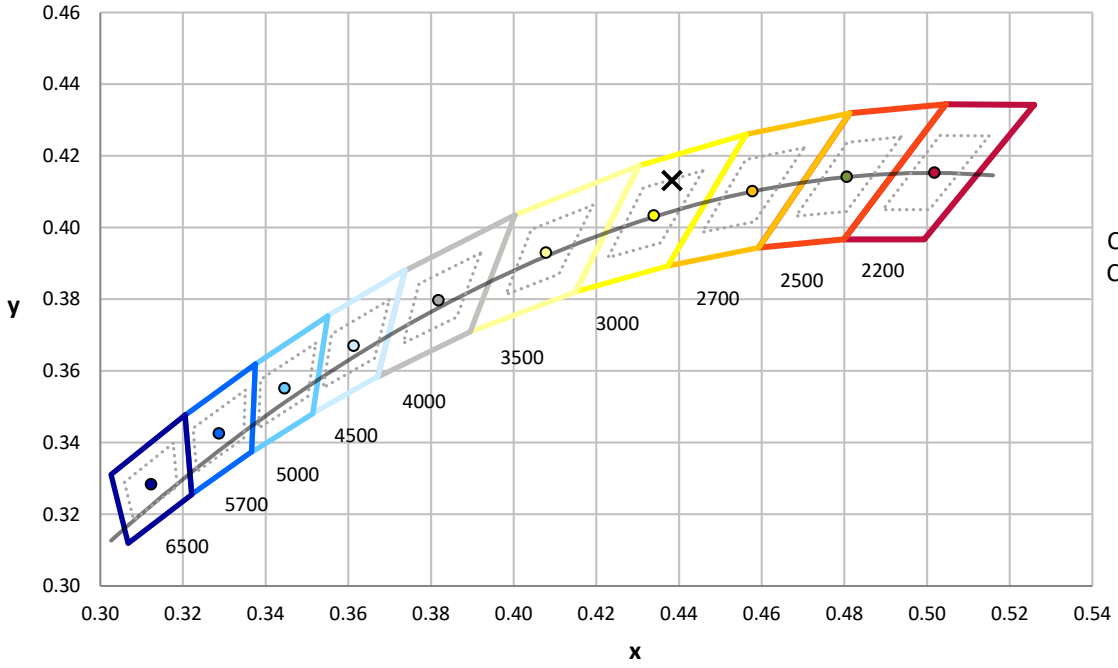
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

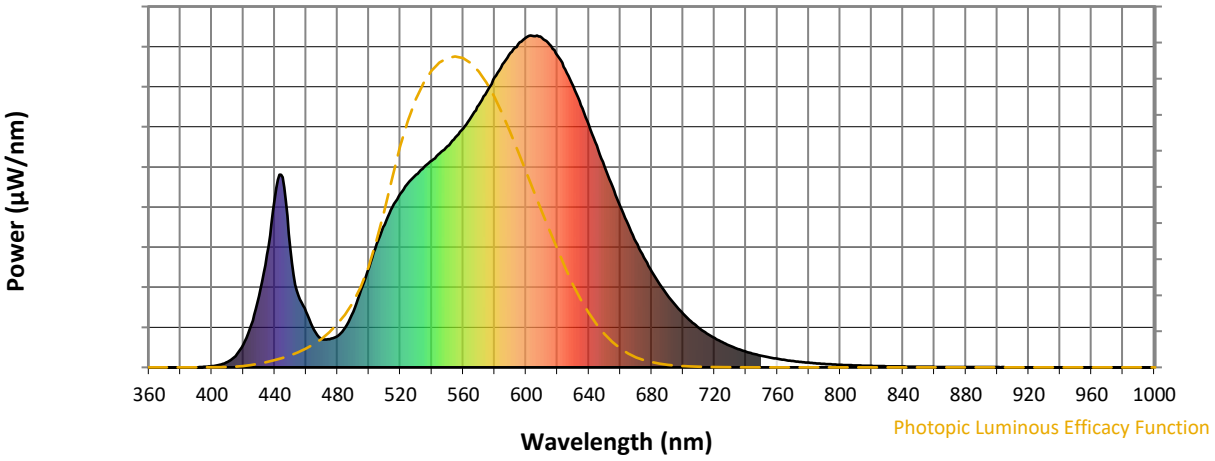


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

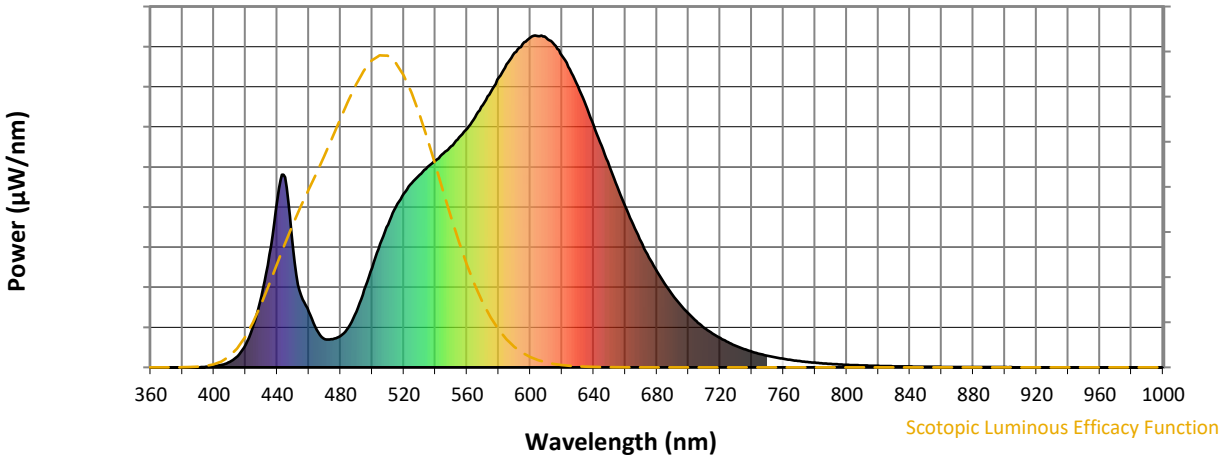


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

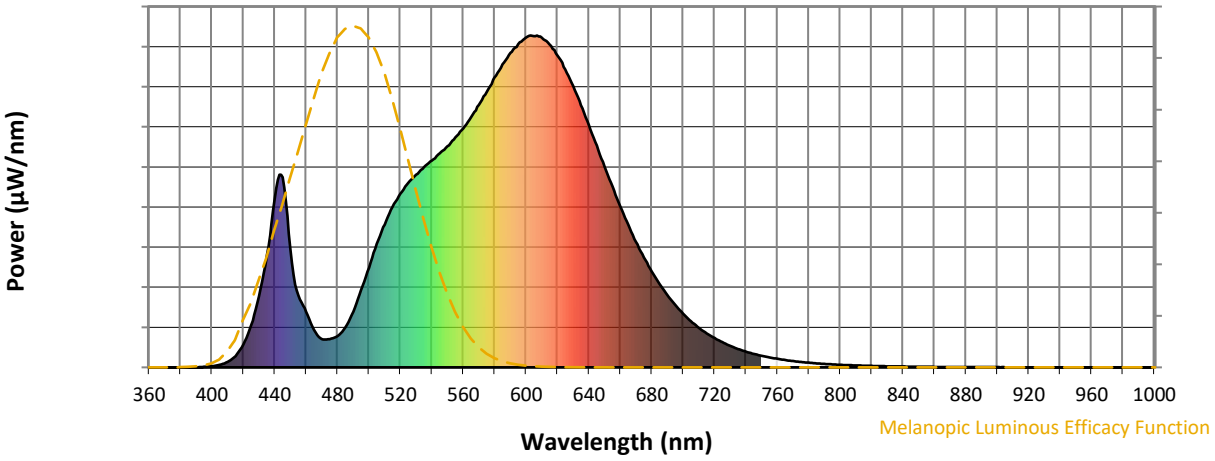


Scotopic Lumens: NR **S/P: 1.27**

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			

REPORT NUMBER: SP1-2408-195-9

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			

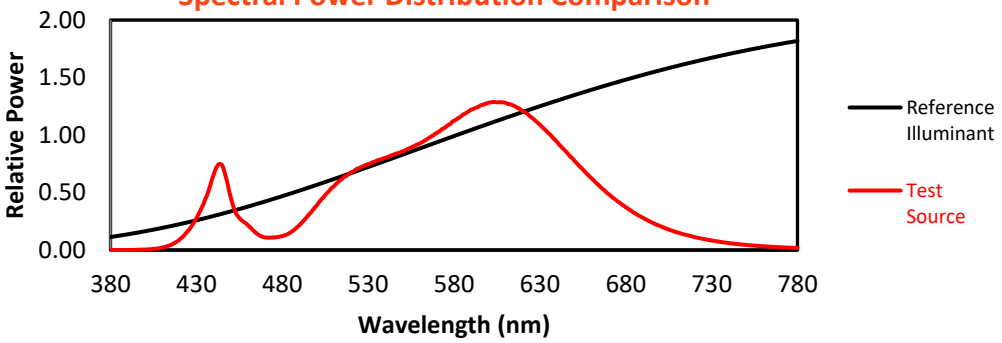
REPORT NUMBER: SP1-2408-195-9

TM-30-18

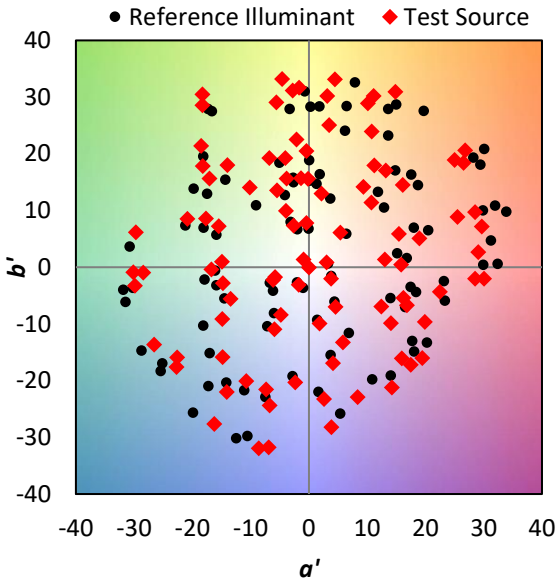
Summary

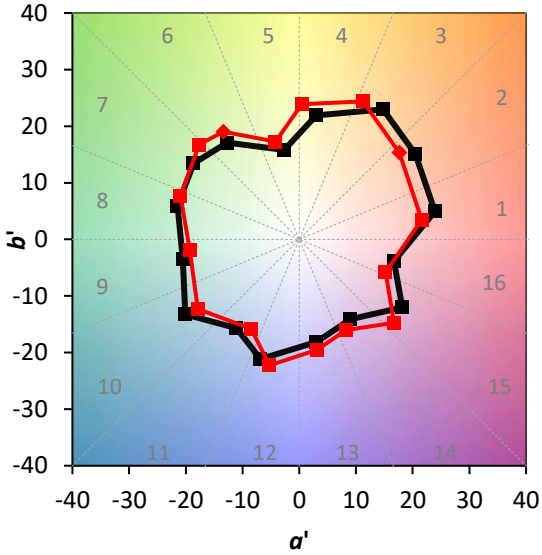
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

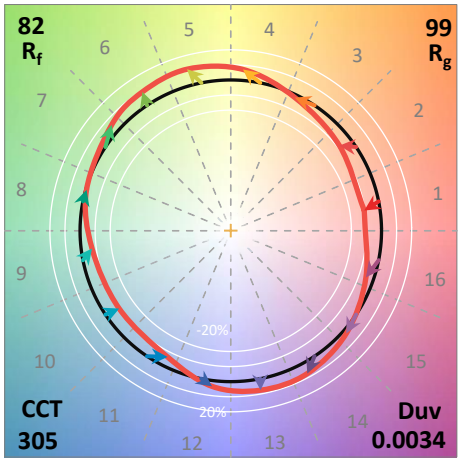
Spectral Power Distribution Comparison

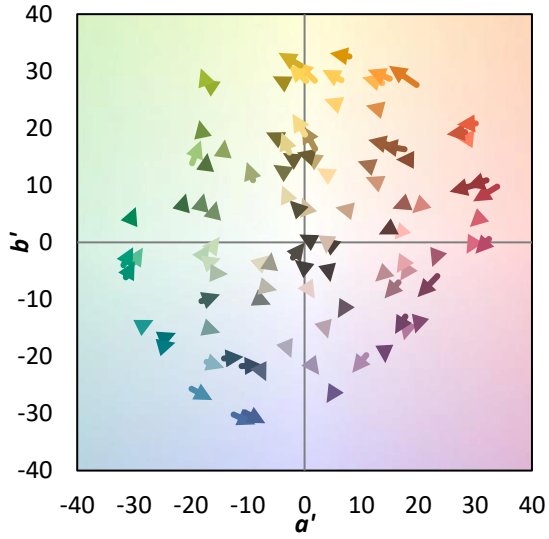


Color Vector Graphics







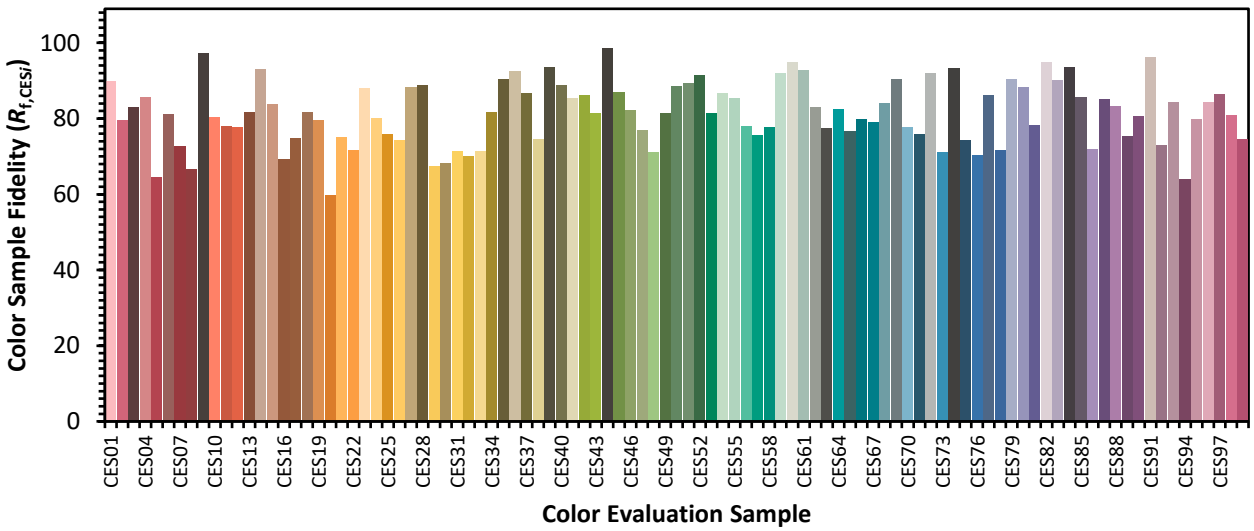


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

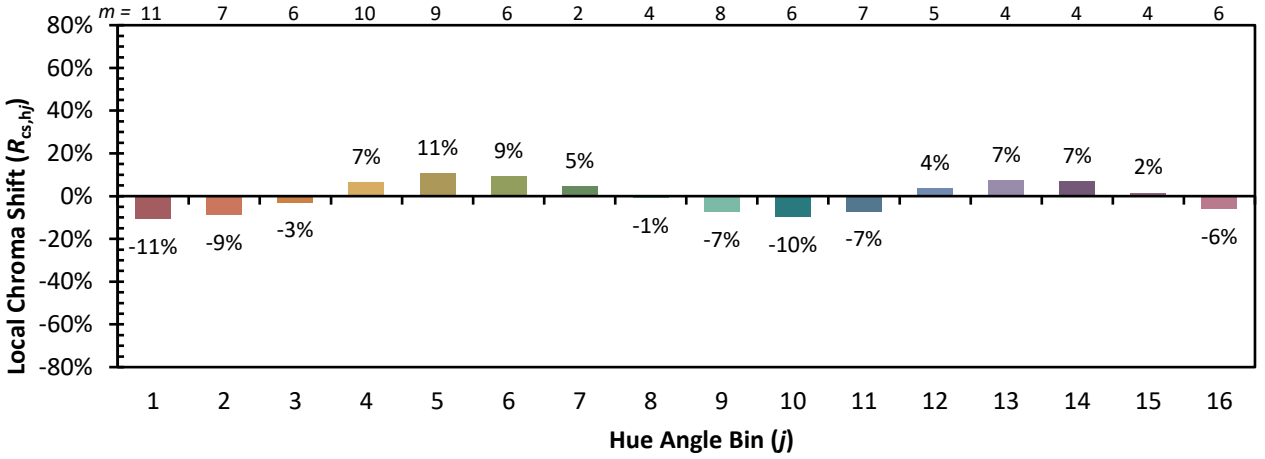
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

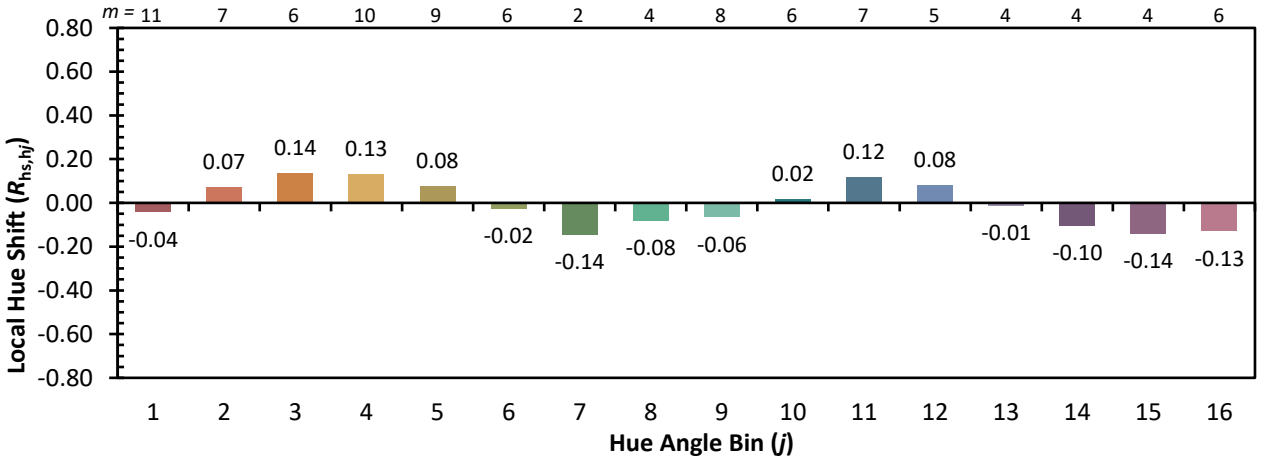


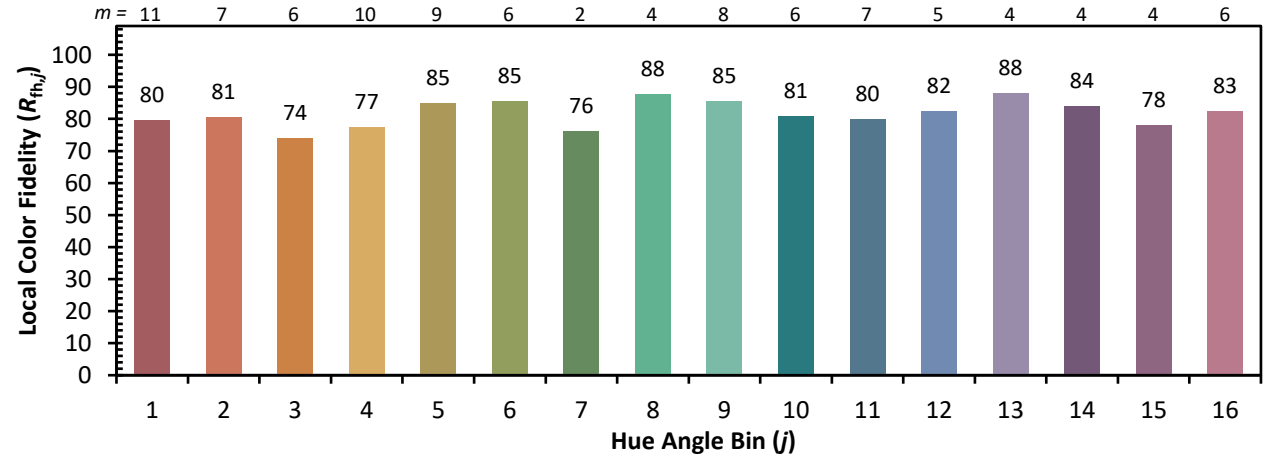
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



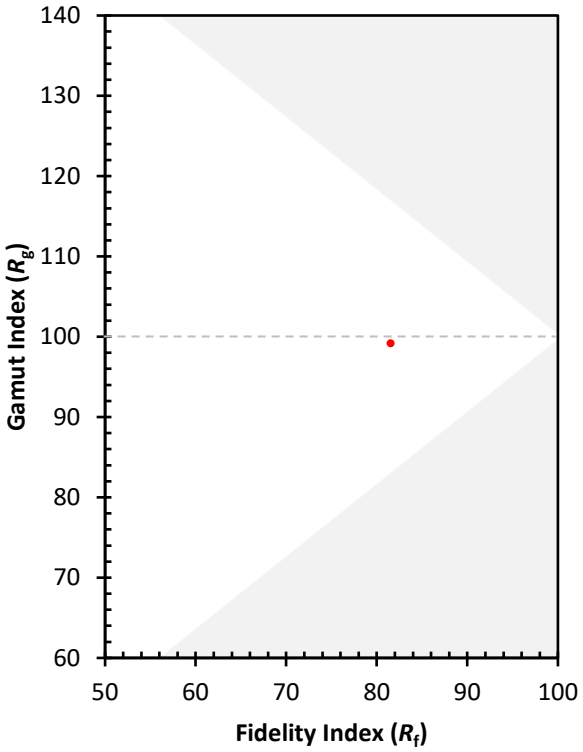


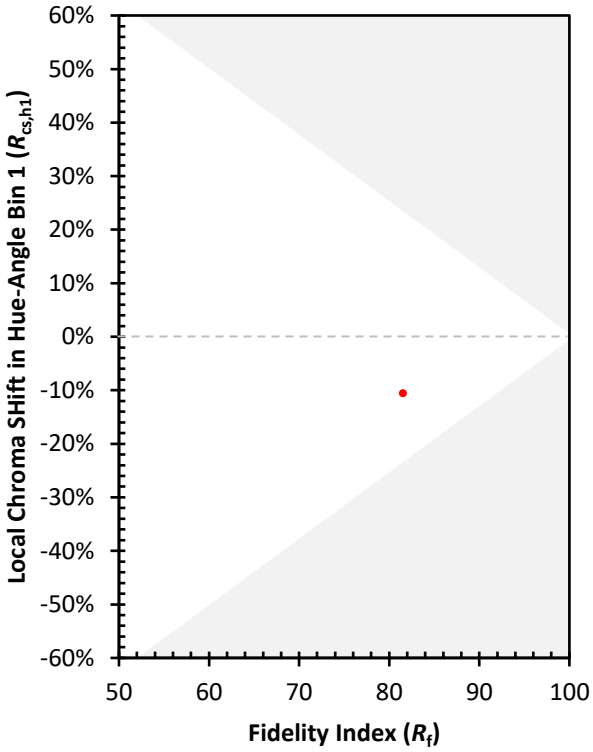


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





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