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: P1198432

Luminaire Tested: GPC-SB1C-830-U-SL2-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:	P1198432
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-830-U-SL2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5483 lumens
Efficiency:	N/A
Efficacy:	100.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

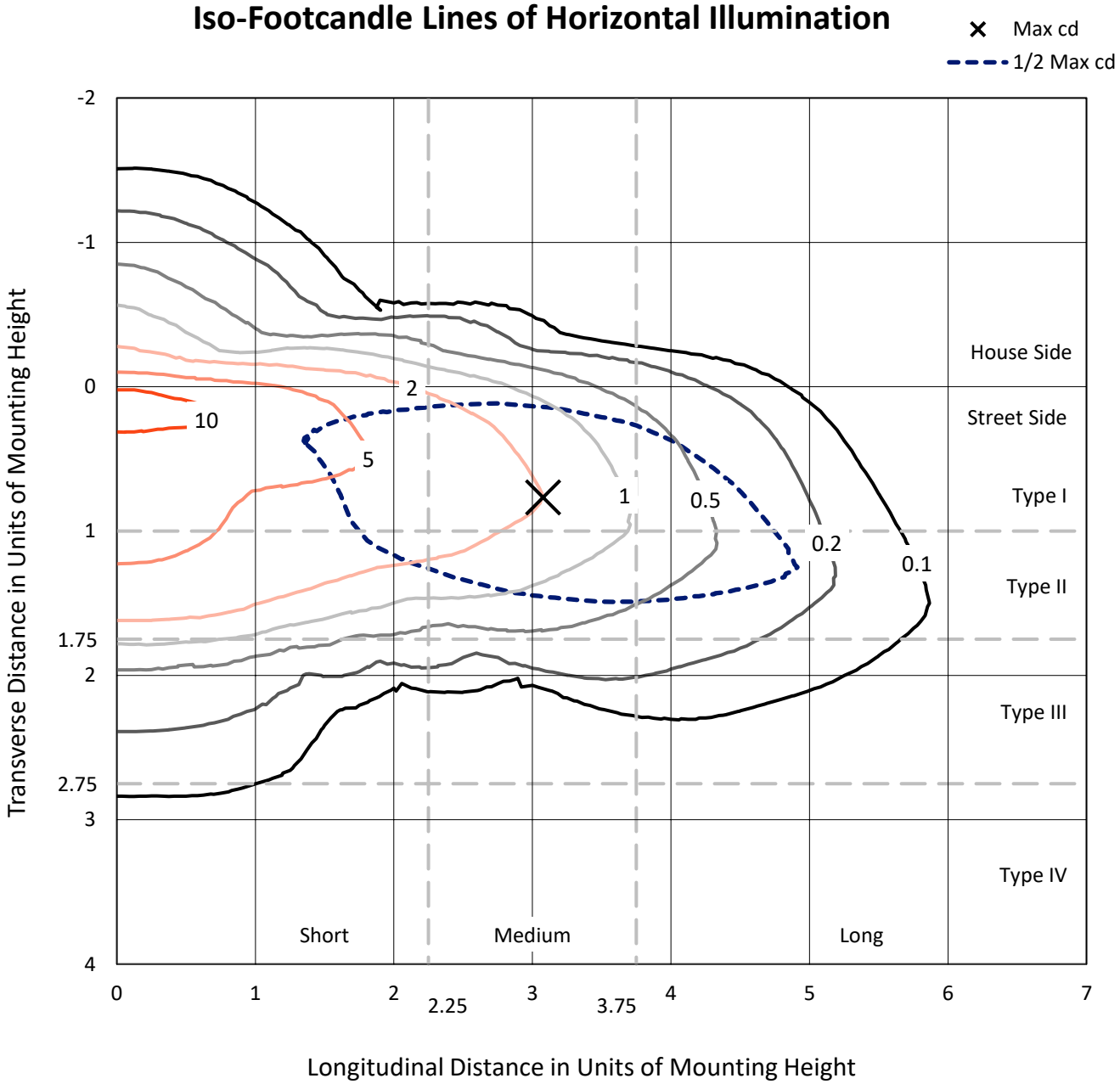


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Scaled Data Report

REPORT NUMBER: P1198432
CATALOG NUMBER: GPC-SB1C-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



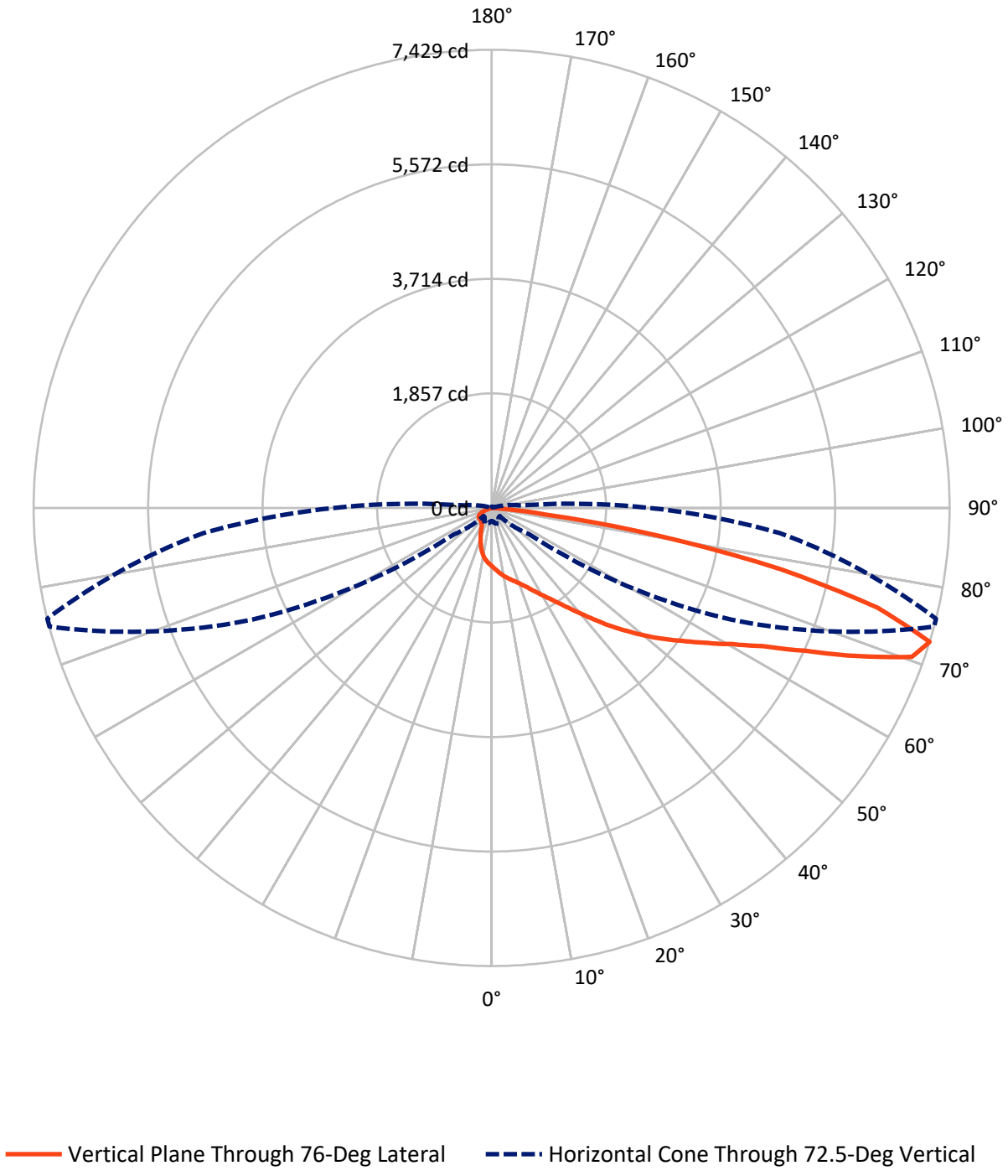
Based on 10 foot mounting height. Maximum calculated value = 12.5 fc
Type II - Medium - N/A

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REPORT NUMBER: P1198432
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Luminous Intensity Polar Plot



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Scaled Data Report

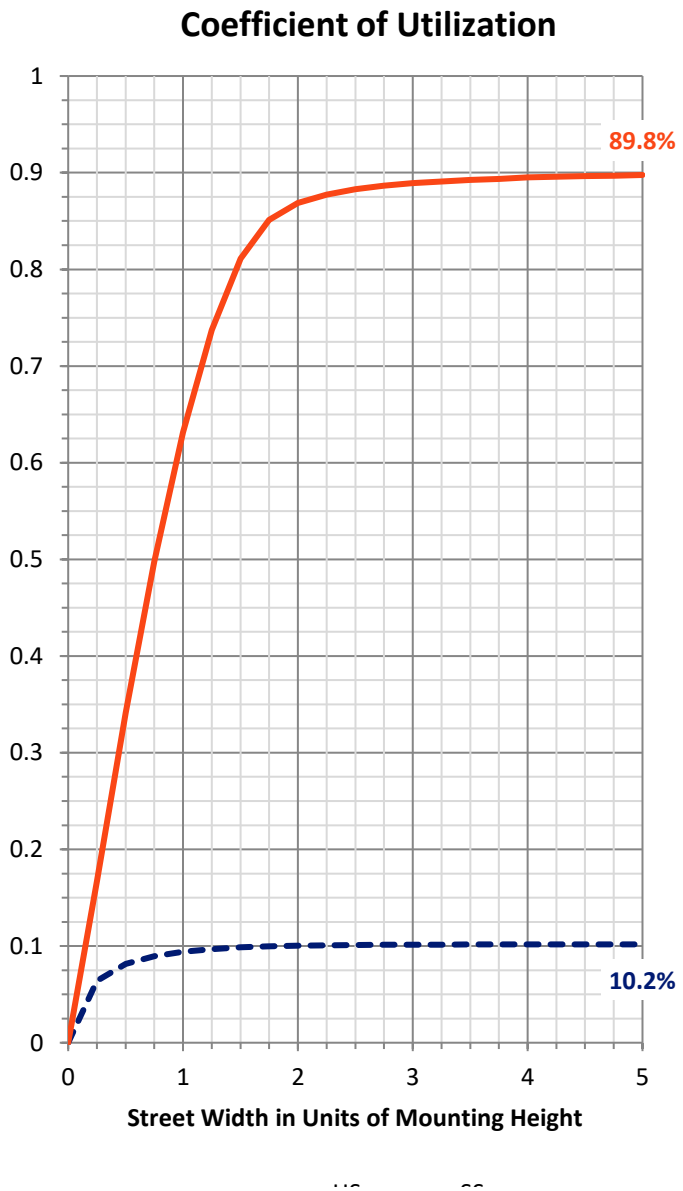
REPORT NUMBER: P1198432
CATALOG NUMBER: GPC-SB1C-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	561.2	0.0	561.2
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	4921.8	0.0	4921.8
	% Fixture	89.8	0.0	89.8
Total	Lumens	5483.0	0.0	5483.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	1.6
10°-20°	231.1	4.2
20°-30°	365.7	6.7
30°-40°	565.8	10.3
40°-50°	859.4	15.7
50°-60°	1184.7	21.6
60°-70°	1251.6	22.8
70°-80°	858.6	15.7
80°-90°	79.9	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°	5483.0	100.0
0°-180°	5483.0	100.0



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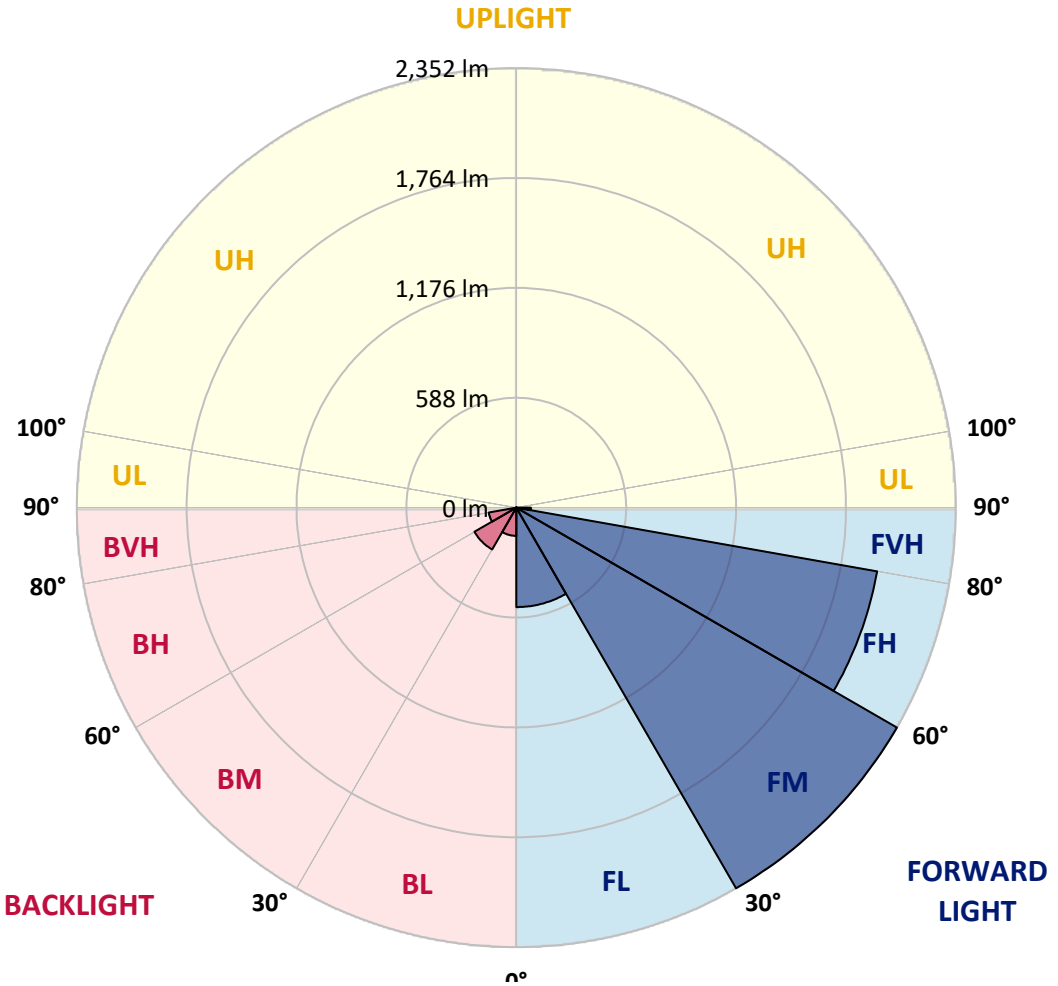
Scaled Data Report

REPORT NUMBER: P1198432
CATALOG NUMBER: GPC-SB1C-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	532.1	9.7			
FM	(30°-60°)	2351.5	42.9			
FH	(60°-80°)	1960.4	35.8			G2/5000
FVH	(80°-90°)	77.8	1.4			G1/100
BL	(0°-30°)	150.8	2.8	B1/500		
BM	(30°-60°)	258.4	4.7	B1/1000		
BH	(60°-80°)	149.8	2.7	B1/500		G1/500
BVH	(80°-90°)	2.2	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 II Medium



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Scaled Data Report

REPORT NUMBER: P1198432
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	*947.5*	947.5
2.5°	1101.5	1086.9	1089.8	1075.2	1068.4	1052.1	1035.0	1012.6	987.7	*987.7*	963.5
5°	1217.5	1208.2	1208.2	1191.1	1178.0	1152.4	1121.8	1082.3	1035.4	*1030.7*	984.9
7.5°	1288.6	1282.9	1286.5	1276.5	1265.8	1239.2	1202.9	1151.3	1084.8	*1079.1*	1010.1
10°	1302.5	1302.1	1312.1	1314.9	1322.0	1308.5	1276.2	1216.8	1133.5	*1125.3*	1031.8
12.5°	1248.8	1242.0	1266.5	1295.4	1335.9	1354.0	1337.3	1276.5	1178.0	*1166.6*	1052.1
15°	1160.6	1162.0	1185.5	1229.9	1297.5	1362.2	1383.9	1334.8	1223.2	*1209.6*	1071.3
17.5°	1110.1	1104.7	1125.0	1164.8	1239.5	1330.9	1405.6	1389.3	1271.2	*1255.9*	1090.8
20°	1104.0	1103.7	1108.3	1126.4	1183.3	1286.1	1403.1	1442.2	1327.7	*1309.9*	1118.9
22.5°	1146.0	1145.3	1141.4	1137.8	1153.4	1242.4	1392.5	1492.8	1395.3	*1376.1*	1158.8
25°	1210.4	1209.3	1203.2	1181.5	1166.2	1218.9	1382.5	1539.7	1475.3	*1454.0*	1207.2
27.5°	1289.0	1288.2	1277.2	1244.5	1205.0	1221.0	1377.5	1588.1	1567.8	*1546.8*	1263.0
30°	1385.3	1383.9	1361.2	1314.9	1263.3	1254.8	1384.3	1642.5	1664.2	*1648.2*	1327.4
32.5°	1506.3	1502.4	1472.5	1402.8	1330.6	1300.0	1397.1	1698.3	1778.4	*1763.4*	1413.4
35°	1599.8	1593.8	1576.3	1514.8	1408.5	1355.5	1427.0	1764.5	1915.6	*1902.5*	1523.3
37.5°	1680.2	1674.1	1659.9	1609.4	1520.1	1426.2	1475.0	1852.7	2077.8	*2071.4*	1657.4
40°	1767.0	1757.0	1750.3	1696.2	1615.5	1528.3	1543.6	1955.8	2264.6	*2265.3*	1818.6
42.5°	1833.8	1829.9	1830.6	1789.0	1707.6	1649.3	1634.7	2072.1	2488.3	*2495.0*	2012.4
45°	1891.1	1887.9	1901.1	1871.9	1800.4	1728.6	1741.4	2203.7	2733.0	*2746.9*	2229.4
47.5°	1935.2	1938.8	1957.6	1938.8	1896.8	1784.4	1836.0	2345.7	2990.1	*2991.9*	2453.4
50°	1979.3	1980.7	2012.0	2002.8	1985.7	1855.2	1923.1	2504.3	3261.2	*3264.4*	2662.9
52.5°	1993.2	1991.1	2040.8	2063.6	2064.3	1942.7	2035.9	2677.1	3526.8	*3537.2*	2878.5
55°	1922.1	1928.1	2008.5	2101.0	2137.6	2063.6	2188.1	2895.9	3810.0	*3814.2*	3091.9
57.5°	1574.2	1607.6	1785.5	1999.9	2184.9	2236.8	2406.8	3151.6	4136.8	*4132.9*	3308.1
60°	955.3	995.2	1207.9	1677.3	2030.5	2410.7	2729.1	3547.8	4493.9	*4482.9*	3526.8
62.5°	534.2	546.3	614.2	1004.1	1544.3	2300.1	3043.8	4056.8	4973.4	*4936.0*	3742.0
65°	393.7	397.6	413.6	491.9	759.0	1769.1	2974.8	4665.3	5647.0	*5580.5*	3999.9
67.5°	342.2	346.1	361.7	372.4	339.0	929.4	2450.9	5002.9	6502.4	*6415.3*	4348.8
70°	288.1	290.2	315.5	322.6	242.6	353.5	1574.6	4898.7	7294.1	*7231.9*	4723.3
72.5°	*214.8*	*223.4*	*260.0*	*277.1*	*194.6*	*187.8*	*741.2*	*4283.0*	*7428.2*	*7428.9*	*4698.1*
75°	145.8	153.7	195.6	228.0	150.1	131.6	299.1	3198.2	6468.3	*6468.3*	4118.3
77.5°	99.6	106.0	136.2	178.9	113.8	90.3	155.1	2029.8	4640.5	*4803.7*	2935.4
80°	44.1	48.0	87.9	129.8	86.4	58.3	87.9	1111.5	2806.3	*2771.8*	1150.6
82.5°	21.7	24.9	56.2	81.1	55.8	35.9	46.2	528.5	909.5	*864.3*	179.6
85°	4.3	5.7	30.2	34.5	26.0	16.0	17.4	162.5	109.5	*125.2*	38.1
87.5°	0.0	0.0	9.2	6.4	2.8	3.6	3.6	14.6	8.5	*10.0*	10.0
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: P1198432
CATALOG NUMBER: GPC-SB1C-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5
2.5°	950.7	937.6	908.7	880.3	851.1	824.4	806.0	787.5	776.1	771.1	771.8
5°	958.2	931.5	871.0	807.7	745.1	684.0	638.1	595.0	581.5	559.1	560.5
7.5°	969.9	926.5	831.2	724.5	622.8	533.2	468.4	416.8	396.2	376.3	375.9
10°	977.7	917.3	778.6	635.9	498.3	397.6	335.8	298.4	284.9	272.8	272.4
12.5°	980.9	900.2	718.1	536.7	387.7	303.0	266.0	248.6	244.0	239.7	239.7
15°	983.8	883.5	650.5	441.0	306.2	253.6	239.0	233.3	230.1	227.3	227.3
17.5°	986.3	862.1	573.3	358.5	258.6	233.7	226.6	220.5	218.0	214.8	214.8
20°	994.8	841.5	504.3	295.9	232.6	219.4	211.6	205.2	203.1	201.0	201.3
22.5°	1010.8	824.8	437.5	253.6	217.0	204.9	194.9	187.8	186.4	184.9	183.9
25°	1030.0	804.2	374.5	226.2	201.7	188.2	177.1	171.1	169.7	170.0	169.3
27.5°	1054.6	781.4	320.5	208.8	188.2	172.5	160.1	155.4	156.1	157.6	156.9
30°	1081.6	760.4	278.1	196.7	176.1	158.6	146.2	143.0	145.5	147.6	146.9
32.5°	1121.8	741.9	248.6	187.1	165.4	147.2	137.3	133.4	136.2	139.1	138.4
35°	1176.6	732.7	231.9	178.9	156.1	138.4	128.4	125.6	128.4	129.1	128.8
37.5°	1243.8	732.0	224.8	172.1	147.6	130.9	119.9	118.8	120.9	121.3	120.6
40°	1330.6	736.6	219.4	167.2	138.7	122.4	112.0	111.0	111.7	114.2	113.8
42.5°	1440.5	755.8	212.0	160.8	129.1	113.8	105.6	103.1	102.8	105.6	105.3
45°	1578.5	798.1	202.0	150.4	120.6	106.7	98.5	95.7	94.6	95.3	96.4
47.5°	1728.9	850.1	192.1	140.8	114.5	101.0	92.8	89.3	87.5	87.5	87.5
50°	1874.7	908.7	185.3	130.9	110.3	95.7	86.8	83.2	80.4	79.7	79.3
52.5°	2019.1	966.4	180.0	120.9	105.3	88.9	81.1	77.2	74.0	72.6	71.8
55°	2150.7	1021.1	170.7	111.3	98.9	81.8	75.4	71.5	67.6	65.1	64.0
57.5°	2277.0	1066.7	153.7	101.4	88.9	75.0	69.4	65.1	60.5	57.3	55.8
60°	2391.9	1090.1	132.3	90.7	79.0	67.9	62.6	58.7	52.6	47.3	45.9
62.5°	2479.4	1080.9	109.2	78.6	68.6	61.5	54.8	50.9	43.7	37.3	34.9
65°	2569.0	1030.4	87.1	65.8	60.1	53.0	45.9	42.0	33.8	27.0	25.3
67.5°	2685.3	922.6	68.6	54.8	51.9	42.0	35.9	33.4	27.7	21.3	19.9
70°	2760.0	716.7	53.4	44.5	42.7	30.6	27.7	27.4	22.1	16.4	14.6
72.5°	*2555.1*	*469.8*	*40.9*	*33.8*	*30.6*	*19.9*	*21.3*	*21.3*	*16.0*	*11.0*	*9.6*
75°	2133.0	274.9	29.5	24.2	17.4	12.8	14.6	14.6	10.0	5.3	4.3
77.5°	1523.3	146.5	19.6	14.9	8.9	5.7	7.8	7.5	3.2	0.4	0.0
80°	582.6	50.5	9.2	6.0	2.5	1.1	0.7	0.4	0.4	0.0	0.0
82.5°	88.9	13.2	1.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	0.0	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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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

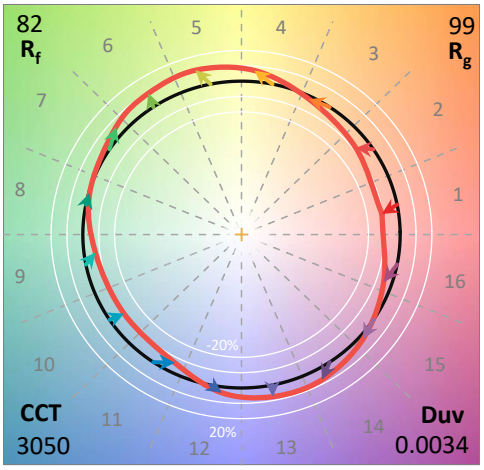
Test Information

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

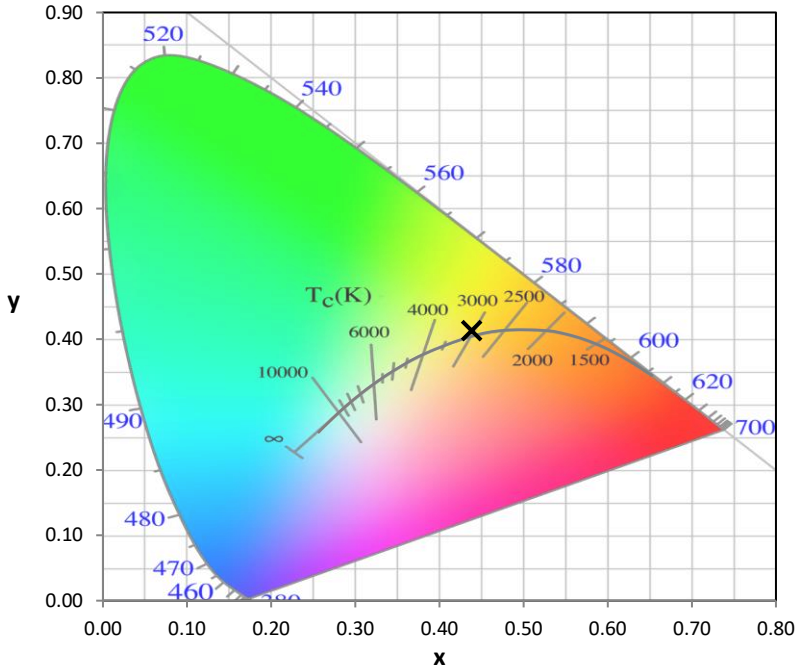
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

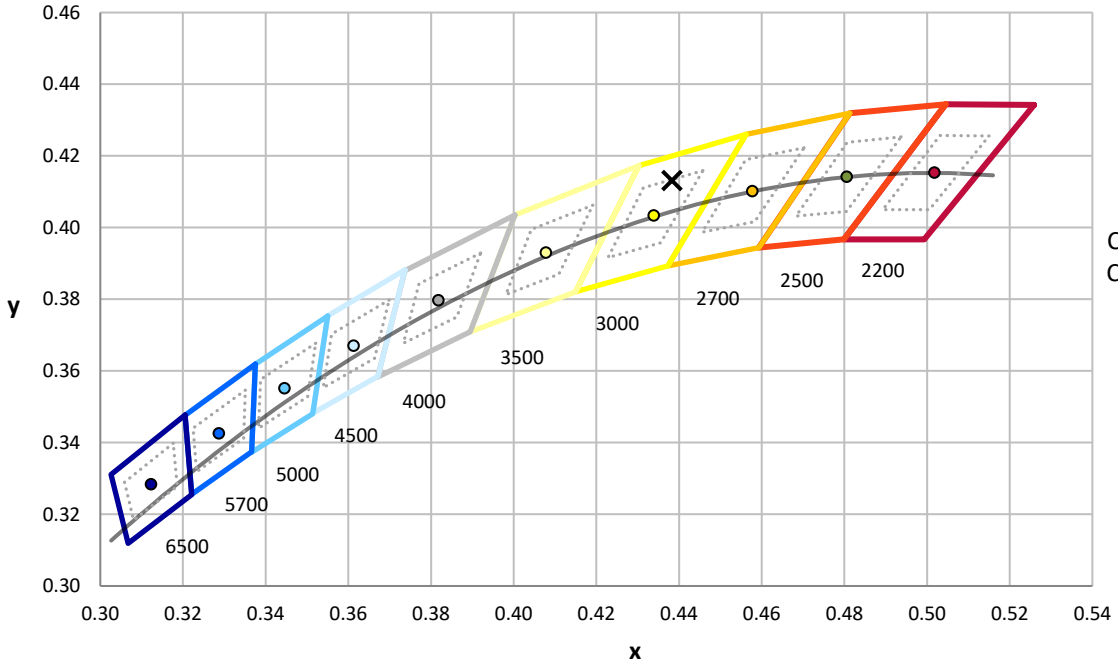
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

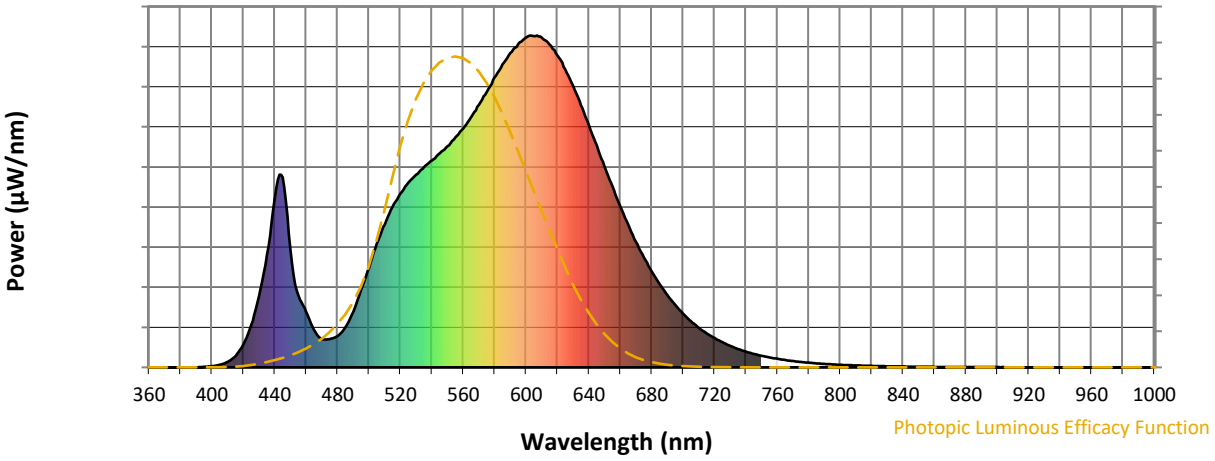


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

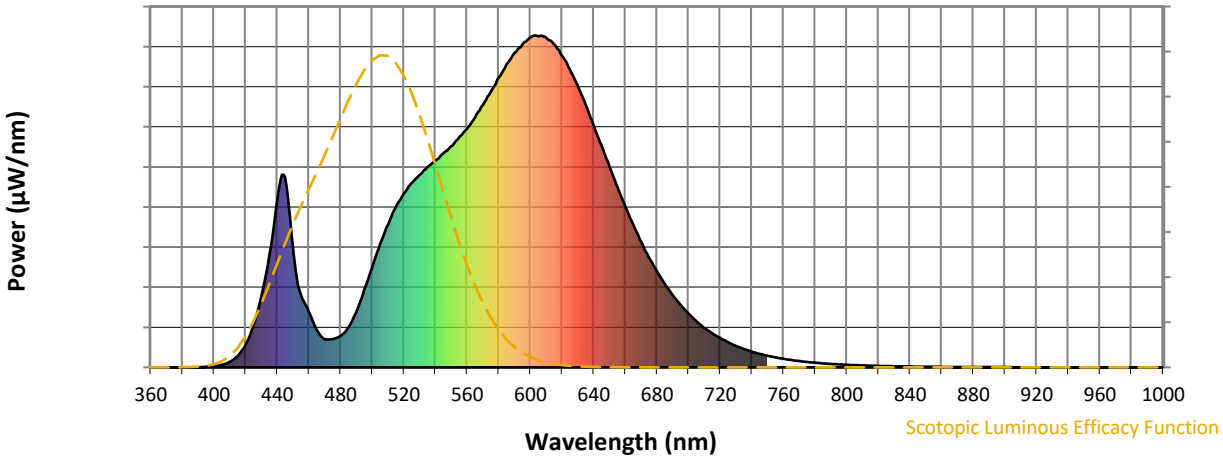


Photopic Lumens: NR

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

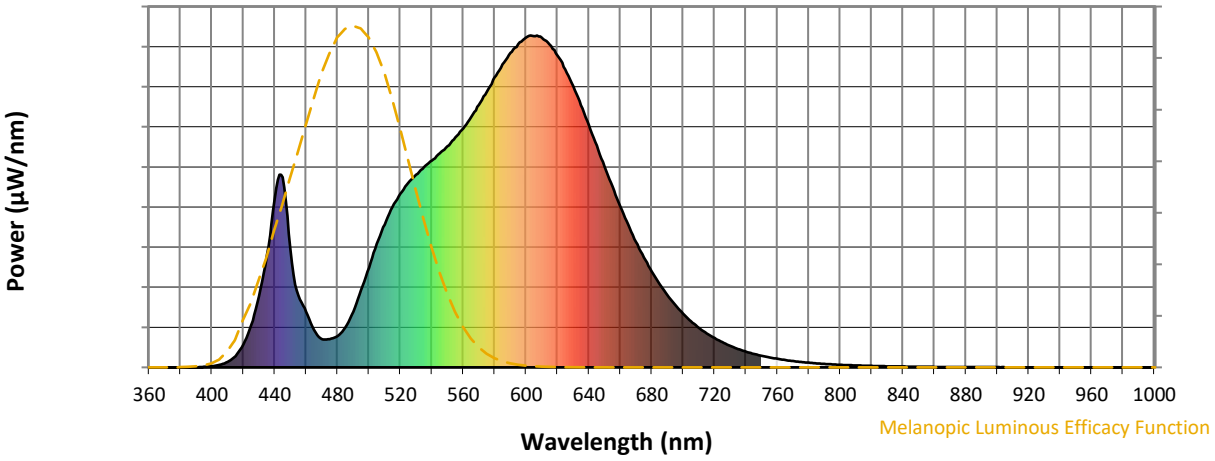


Scotopic Lumens: NR **S/P: 1.27**

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			

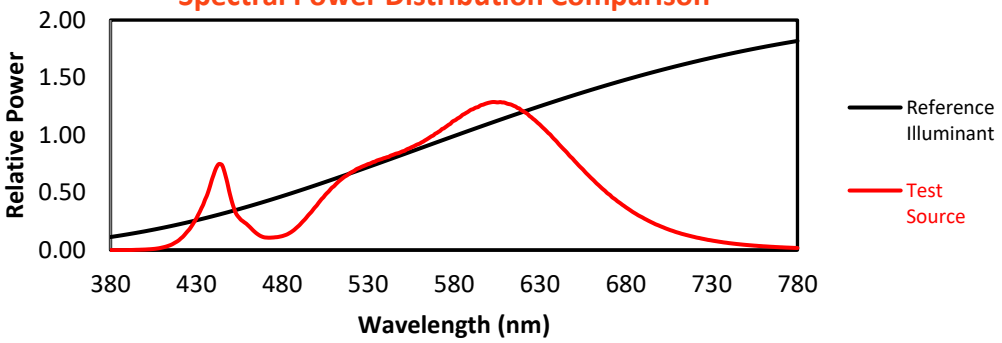
REPORT NUMBER: SP1-2408-195-9

TM-30-18

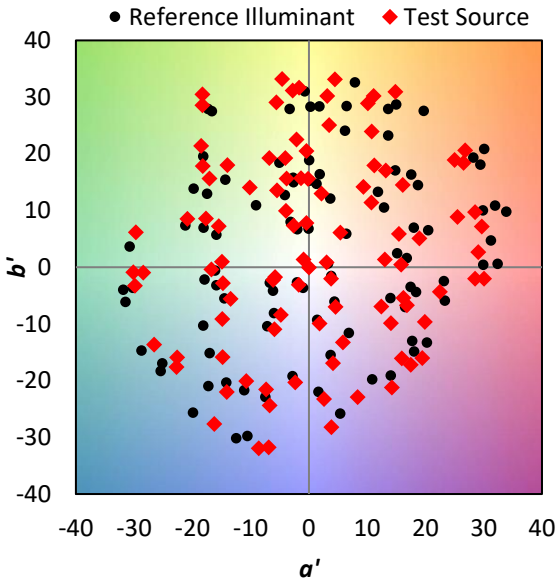
Summary

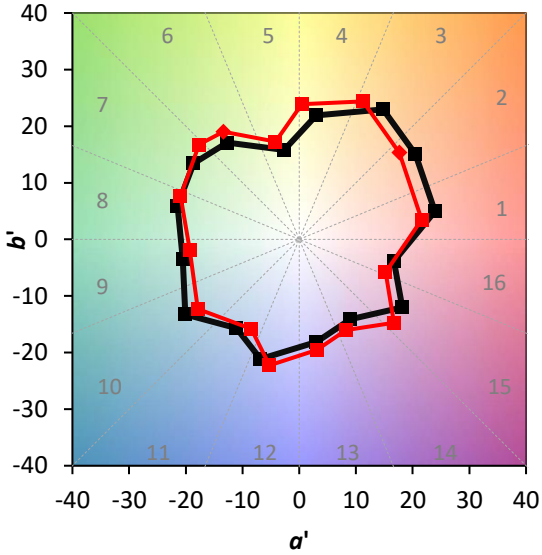
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

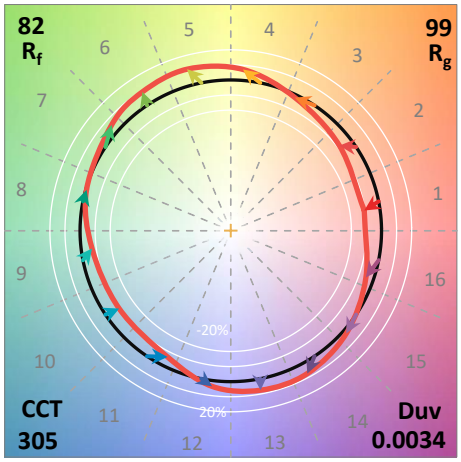
Spectral Power Distribution Comparison

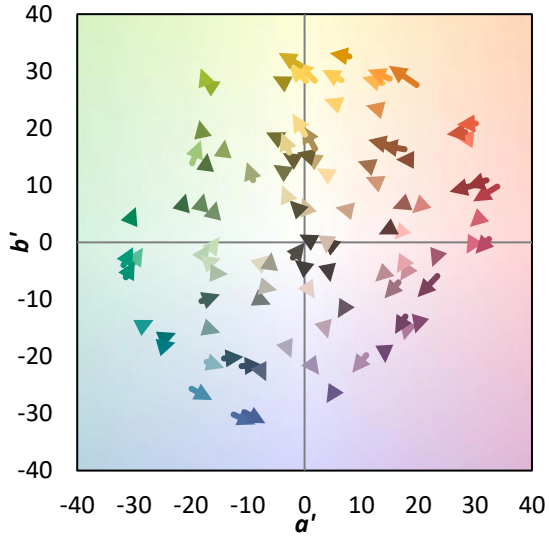


Color Vector Graphics







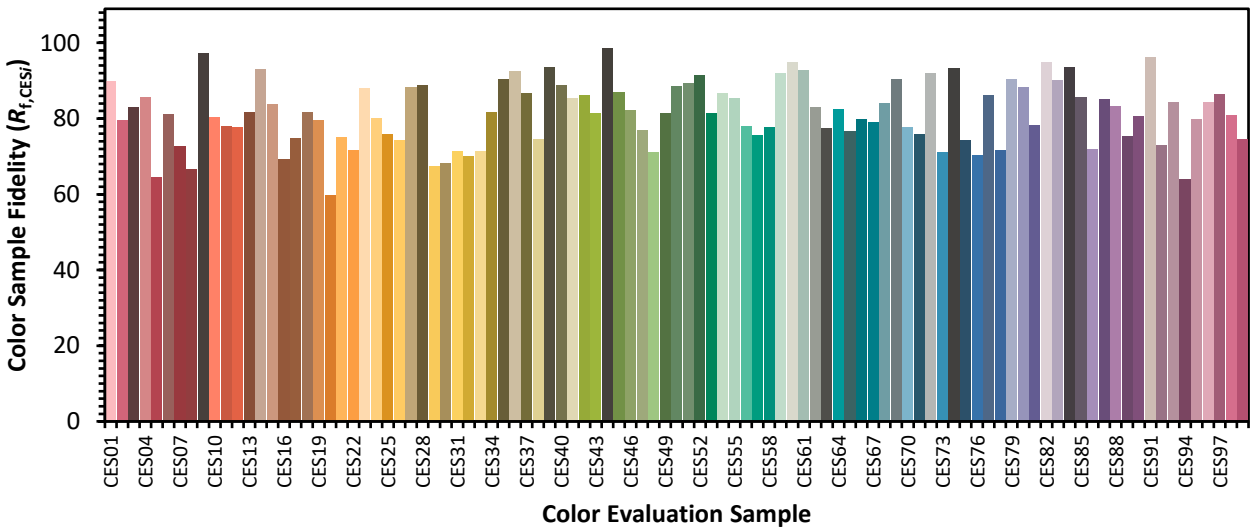


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

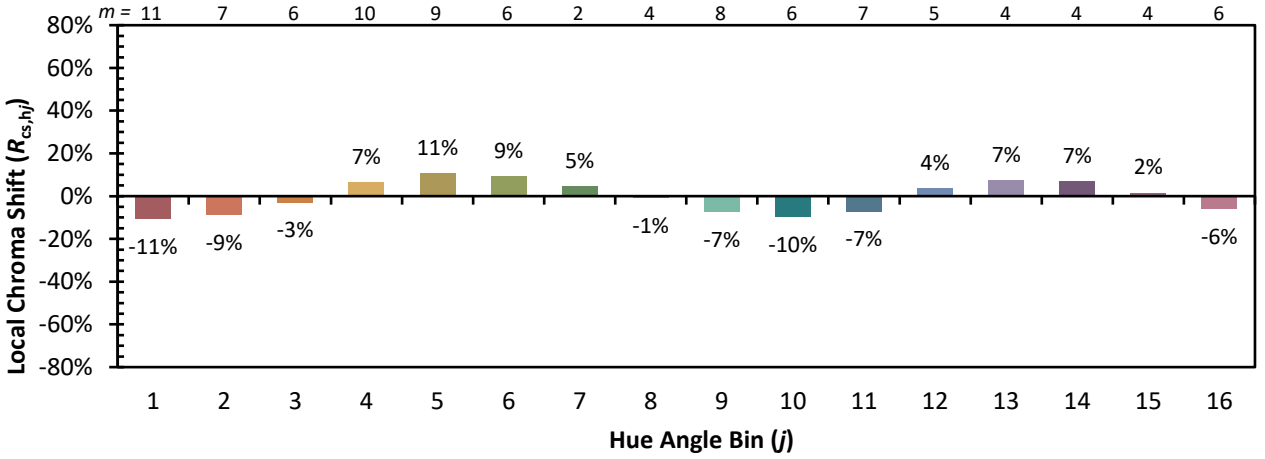
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

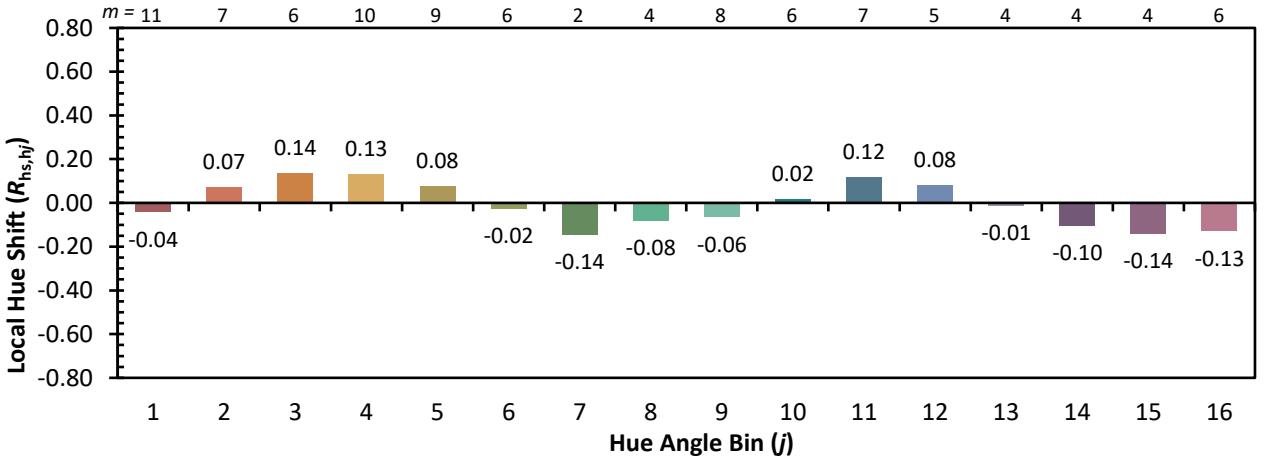


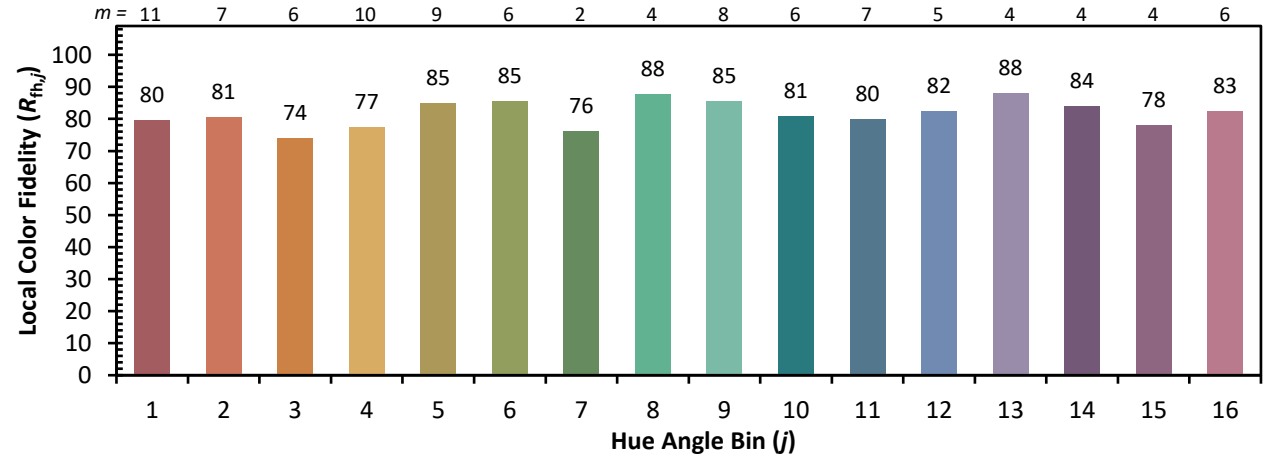
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



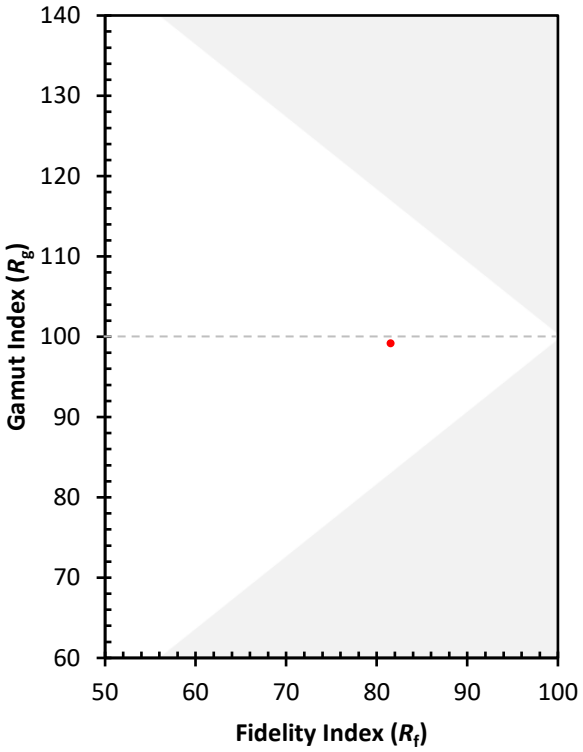


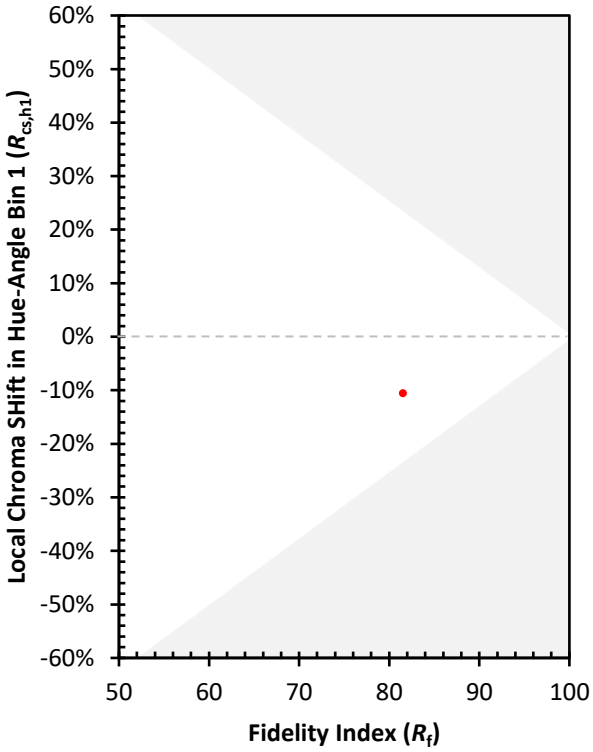


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





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