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: P1197494

Luminaire Tested: GPC-SB1A-830-U-T3-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:	P1197494
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-830-U-T3-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3178 lumens
Efficiency:	N/A
Efficacy:	102.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

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

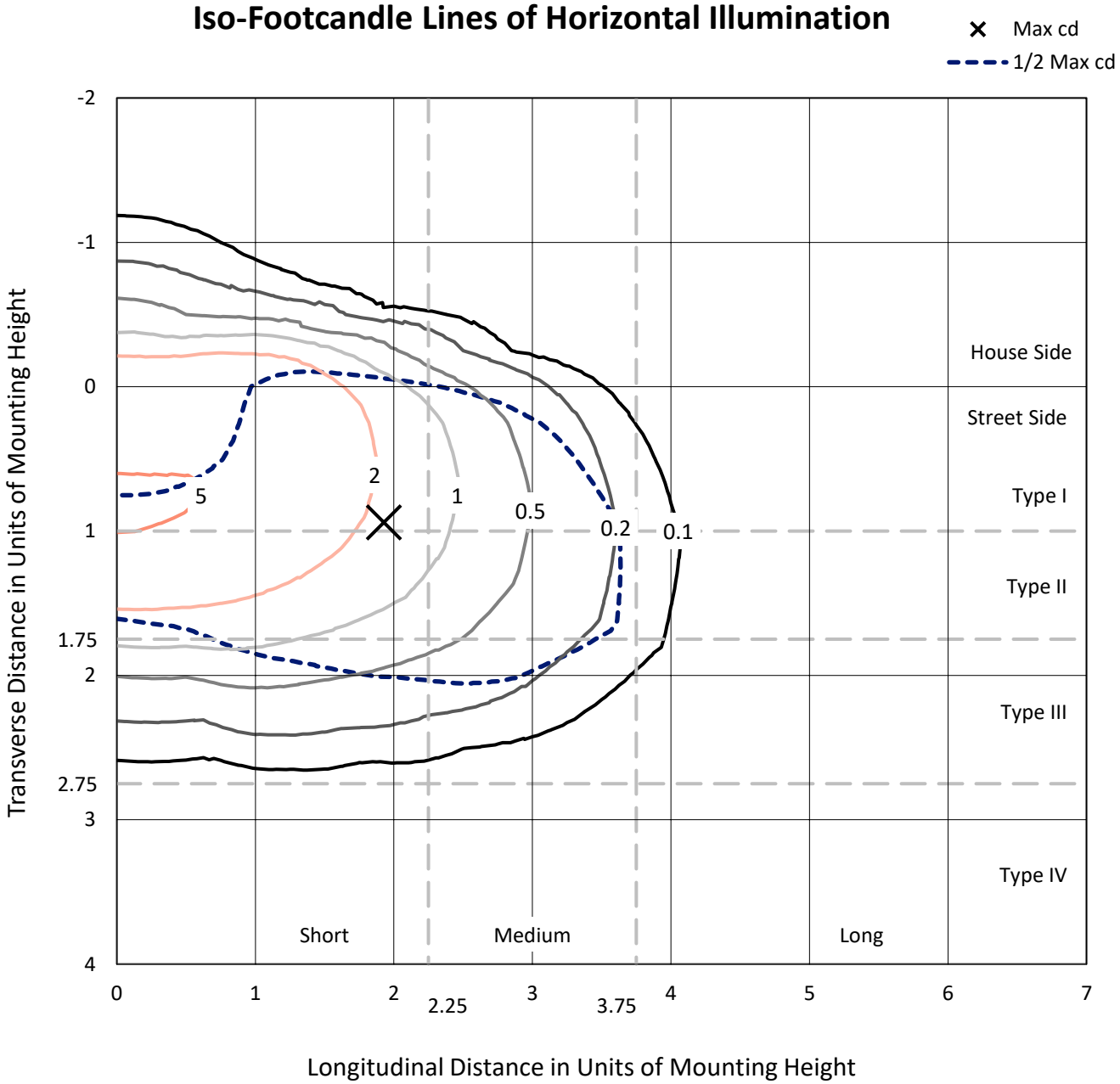


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Scaled Data Report

REPORT NUMBER: P1197494
CATALOG NUMBER: GPC-SB1A-830-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



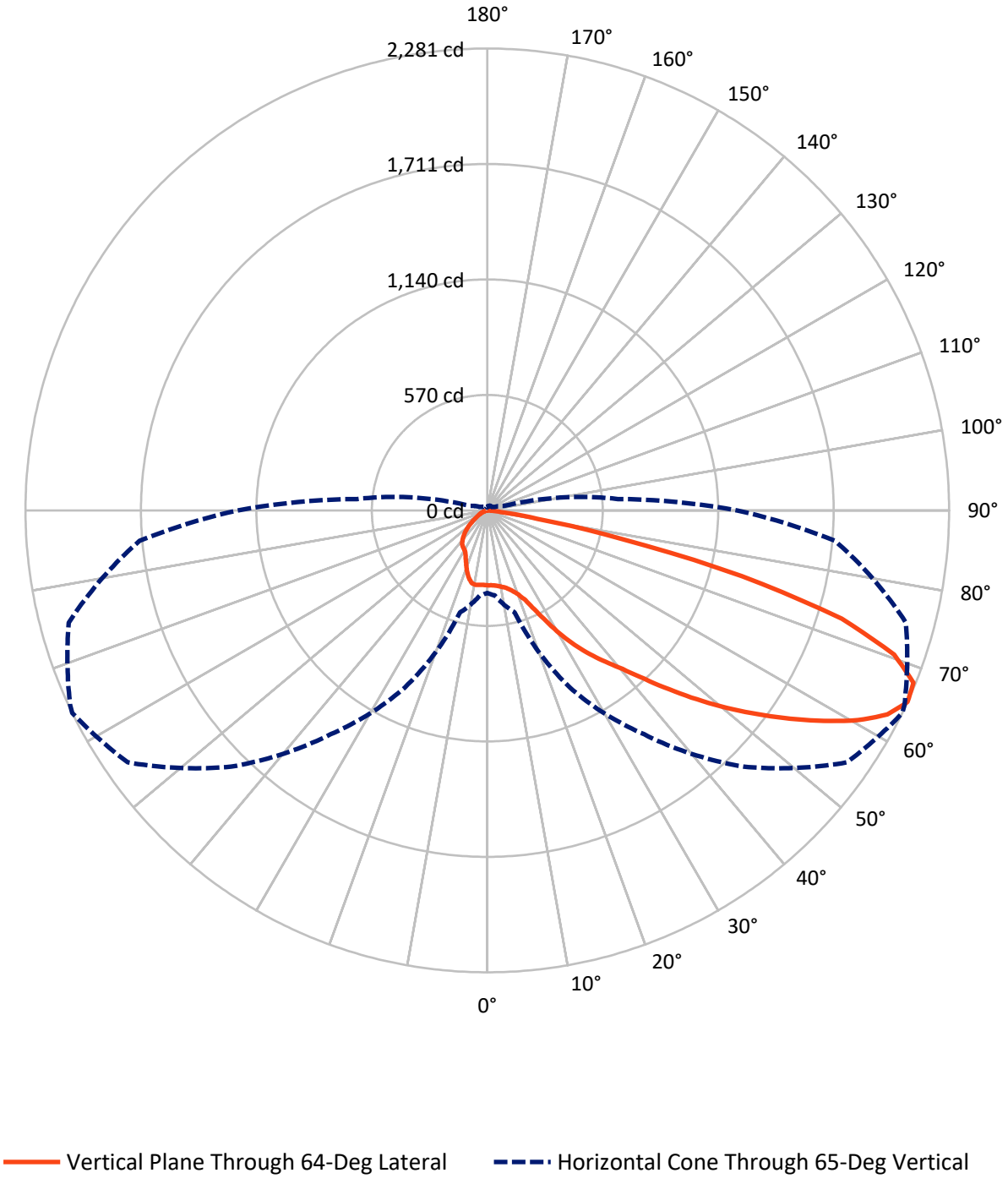
Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1197494
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Luminous Intensity Polar Plot



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Scaled Data Report

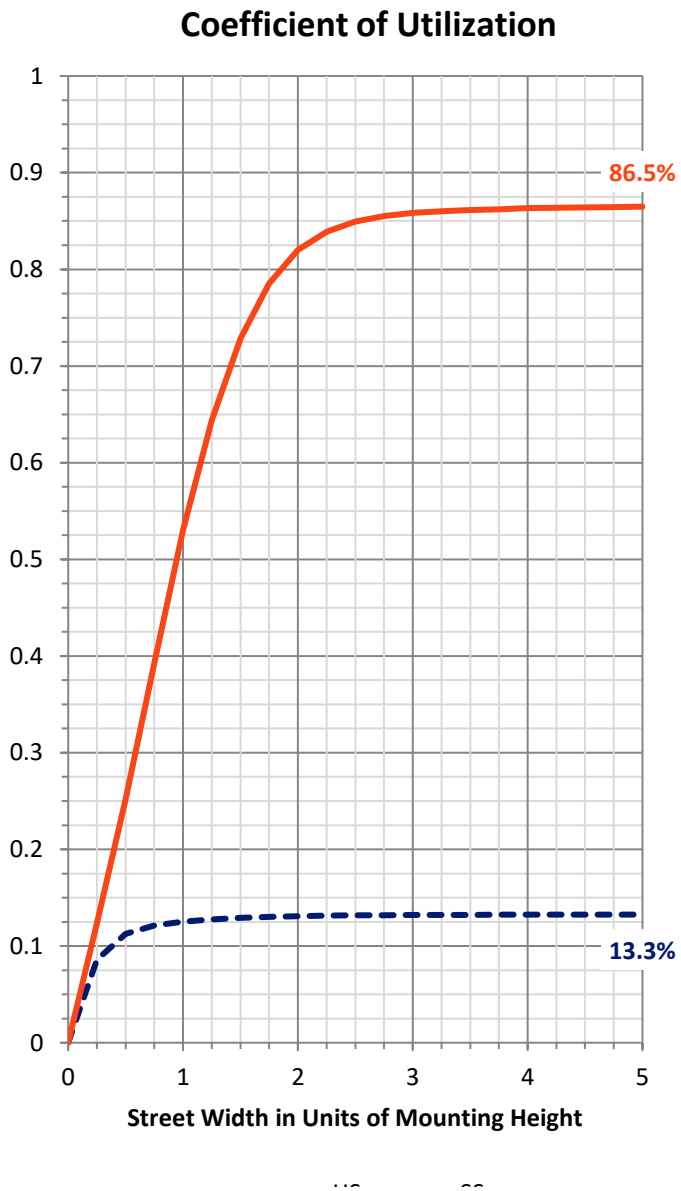
REPORT NUMBER: P1197494
CATALOG NUMBER: GPC-SB1A-830-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	425.0	0.0	425.0
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	2753.0	0.0	2753.0
	% Fixture	86.6	0.0	86.6
Total	Lumens	3178.0	0.0	3178.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	1.1
10°-20°	92.5	2.9
20°-30°	175.3	5.5
30°-40°	354.7	11.2
40°-50°	604.2	19.0
50°-60°	821.6	25.9
60°-70°	771.6	24.3
70°-80°	309.1	9.7
80°-90°	15.0	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°	3178.0	100.0
0°-180°	3178.0	100.0



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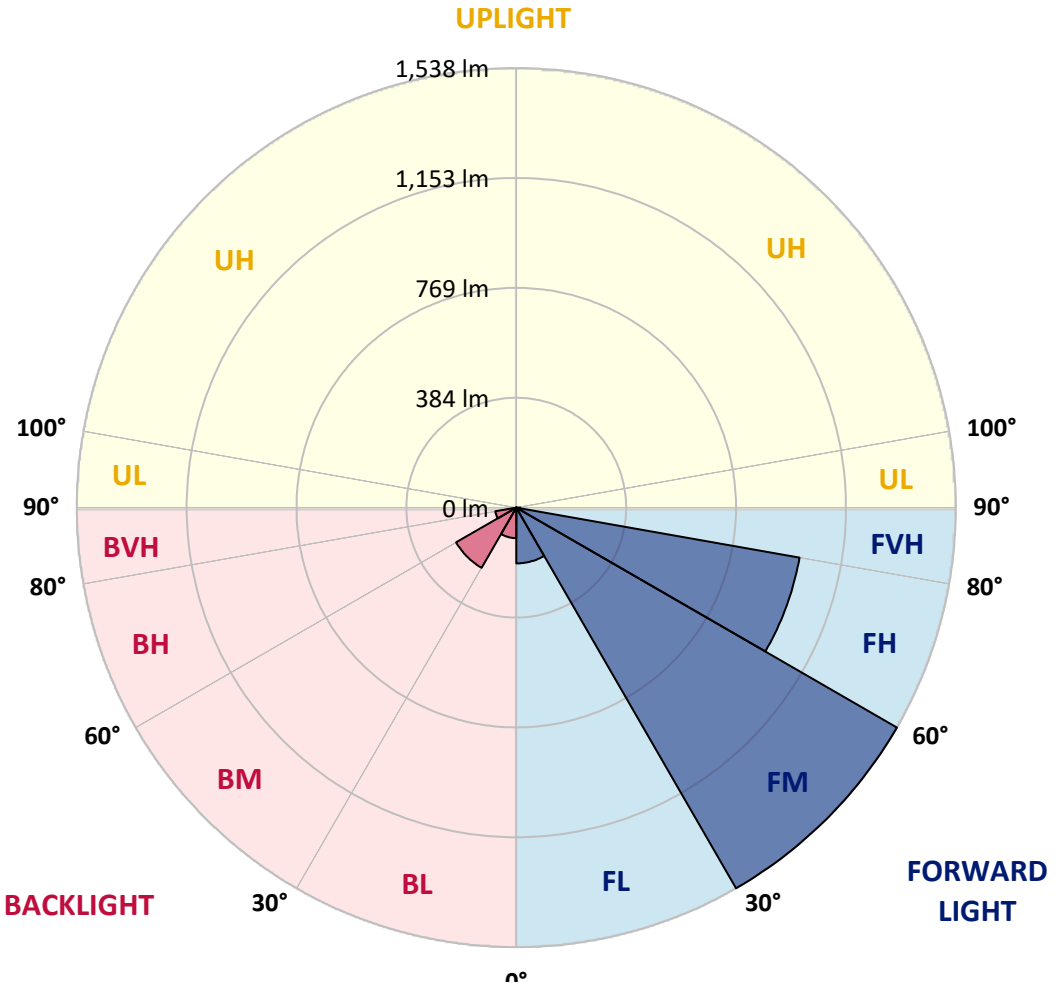
Scaled Data Report

REPORT NUMBER: P1197494
CATALOG NUMBER: GPC-SB1A-830-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	195.2	6.1			
FM	(30°-60°)	1537.5	48.4			
FH	(60°-80°)	1006.1	31.7			G1/1800
FVH	(80°-90°)	14.2	0.4			G1/100
BL	(0°-30°)	106.7	3.4	B0/110		
BM	(30°-60°)	243.0	7.6	B1/1000		
BH	(60°-80°)	74.6	2.3	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	*369.6*	369.6	369.6	369.6
2.5°	368.4	370.9	370.3	369.6	369.4	369.8	370.1	*369.8*	369.8	369.8	370.1
5°	361.3	363.5	363.5	364.9	367.1	369.6	371.6	*372.0*	372.4	373.0	372.8
7.5°	347.9	349.6	350.9	355.8	361.1	367.9	373.7	*376.7*	377.1	379.4	380.3
10°	338.7	340.9	343.0	348.1	355.8	366.0	375.8	*383.1*	384.1	389.7	392.2
12.5°	338.3	340.4	343.2	348.8	357.7	368.6	380.5	*390.9*	392.9	401.0	406.3
15°	342.8	345.3	347.9	354.7	364.3	377.5	390.3	*403.3*	405.2	416.7	422.5
17.5°	352.0	355.4	357.3	364.1	374.3	389.0	405.9	*420.8*	422.5	435.9	443.1
20°	370.1	374.1	374.7	380.3	390.3	406.1	426.1	*444.6*	446.8	462.1	470.2
22.5°	407.6	413.3	408.2	411.0	419.9	435.7	457.4	*480.8*	483.8	501.3	508.5
25°	473.6	481.7	468.5	463.8	467.6	484.0	511.3	*540.9*	544.3	558.4	562.0
27.5°	603.3	592.9	572.9	553.3	541.8	551.1	581.8	*618.5*	622.7	636.4	632.1
30°	745.9	736.7	709.7	666.2	638.9	637.4	665.8	*706.7*	711.6	724.6	711.6
32.5°	888.6	879.9	850.5	797.0	749.7	726.3	745.9	*791.3*	793.8	802.1	782.9
35°	1029.0	1020.1	990.7	935.9	877.7	824.5	820.7	*871.8*	872.6	881.4	852.8
37.5°	1170.3	1162.8	1131.5	1077.8	1020.5	947.0	911.4	*948.1*	949.1	957.6	928.0
40°	1271.0	1274.2	1252.7	1211.2	1162.0	1081.6	1013.2	*1029.2*	1022.8	1037.1	1019.4
42.5°	1357.5	1363.9	1345.2	1324.3	1295.7	1225.0	1139.4	*1136.6*	1126.4	1134.0	1115.7
45°	1432.3	1437.6	1420.8	1415.9	1415.3	1365.6	1277.2	*1260.6*	1246.3	1244.8	1222.9
47.5°	1459.8	1470.0	1477.3	1493.7	1525.6	1504.7	1419.7	*1394.0*	1378.0	1366.3	1331.5
50°	1470.2	1481.1	1505.8	1553.5	1629.2	1638.1	1561.6	*1532.7*	1513.1	1491.7	1440.6
52.5°	1456.2	1475.6	1508.8	1589.1	1698.8	1745.1	1697.8	*1672.4*	1650.0	1615.3	1539.5
55°	1373.3	1392.7	1460.6	1588.7	1733.6	1820.0	1826.4	*1815.1*	1790.0	1735.3	1619.4
57.5°	1198.6	1227.4	1334.9	1534.6	1732.9	1884.6	1952.6	*1960.7*	1932.5	1854.1	1682.2
60°	956.6	995.6	1126.8	1414.6	1679.4	1919.5	2063.1	*2103.6*	2073.8	1971.3	1733.1
62.5°	667.5	712.6	836.8	1226.7	1557.2	1894.4	2143.9	*2218.7*	2196.1	2076.1	1752.7
65°	*407.1*	*421.6*	*521.7*	*965.3*	*1349.2*	*1789.2*	*2168.8*	*2280.9*	*2273.4*	*2140.3*	*1723.8*
67.5°	271.2	283.4	312.1	661.9	1047.3	1578.9	2109.2	*2270.0*	2272.1	2129.8	1617.7
70°	163.4	173.8	192.6	385.0	678.8	1249.7	1924.4	*2131.5*	2143.9	1990.3	1416.5
72.5°	67.3	74.4	91.4	174.5	351.5	793.2	1532.4	*1830.1*	1858.8	1673.5	1087.2
75°	38.1	41.8	53.7	87.6	152.5	369.6	928.2	*1299.2*	1341.5	1153.4	654.1
77.5°	25.4	27.1	34.7	56.7	85.9	126.1	396.7	*676.8*	757.8	630.0	283.1
80°	17.0	18.5	23.9	37.9	55.8	54.1	126.3	*250.8*	308.5	216.5	69.0
82.5°	11.5	11.7	17.0	24.9	35.4	26.2	37.3	*78.0*	98.0	62.6	26.2
85°	6.6	6.4	12.6	14.5	15.8	10.9	11.3	*23.4*	30.7	26.4	14.9
87.5°	0.9	1.3	4.9	3.8	2.1	2.3	2.3	*4.0*	6.0	6.4	3.2
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: P1197494
CATALOG NUMBER: GPC-SB1A-830-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6
2.5°	370.1	369.8	369.2	368.6	367.1	366.2	366.7	366.2	366.0	366.2	367.1
5°	372.8	372.2	370.5	368.4	365.4	361.8	359.4	356.0	352.8	350.9	351.3
7.5°	380.3	379.6	377.3	371.3	361.8	346.6	332.8	320.6	311.5	306.1	306.4
10°	392.2	391.2	387.5	374.3	349.2	316.2	288.7	265.9	251.0	243.9	243.3
12.5°	406.3	405.0	398.6	371.6	325.3	273.8	235.8	210.5	196.6	190.5	189.8
15°	422.9	421.2	408.6	358.3	290.6	226.9	192.2	173.2	164.3	158.7	158.9
17.5°	443.6	440.6	416.1	338.5	252.9	191.1	165.3	151.0	143.2	137.8	137.4
20°	470.4	465.5	422.0	314.9	218.2	168.5	147.2	135.3	129.3	124.6	123.8
22.5°	507.9	500.9	429.3	289.3	193.7	153.0	133.8	125.1	120.2	114.8	114.0
25°	554.3	546.0	438.2	265.7	176.8	139.5	124.0	116.7	111.0	104.8	104.2
27.5°	619.3	604.4	448.9	246.3	162.3	128.0	115.0	106.9	100.3	95.2	94.2
30°	691.8	667.3	458.3	234.6	149.1	117.4	103.3	95.2	89.1	85.4	84.8
32.5°	760.4	727.1	464.4	229.5	137.2	105.2	90.5	81.8	77.1	76.1	76.7
35°	825.1	781.2	463.8	224.6	126.5	93.1	78.0	69.0	65.4	66.0	66.0
37.5°	899.7	839.0	459.3	216.9	117.8	82.0	67.1	59.2	56.0	56.2	57.1
40°	986.4	905.7	456.6	202.4	108.2	71.8	58.2	51.8	49.4	48.6	48.4
42.5°	1078.9	970.2	457.0	186.0	96.3	62.6	52.0	46.7	44.5	43.9	43.7
45°	1171.8	1031.8	457.6	168.9	83.7	55.6	47.5	43.0	41.8	40.9	40.9
47.5°	1259.1	1084.2	445.7	150.6	71.4	50.3	43.9	40.9	39.8	38.8	38.8
50°	1340.5	1119.1	416.9	129.3	61.6	46.0	41.1	39.0	37.9	36.9	36.9
52.5°	1403.8	1124.7	369.4	107.4	54.8	42.8	39.4	37.5	36.2	35.2	34.9
55°	1431.9	1089.9	301.9	86.9	49.4	40.1	37.7	35.8	34.3	33.2	33.0
57.5°	1424.6	1016.9	235.4	69.9	44.3	37.3	35.6	34.3	32.6	30.9	30.7
60°	1389.1	919.1	177.5	58.2	39.6	34.3	33.2	32.2	29.8	27.3	26.8
62.5°	1327.5	796.2	126.5	48.1	34.5	30.9	30.5	29.6	26.2	21.5	21.1
65°	*1233.3*	*646.8*	*85.2*	*40.1*	*29.6*	*27.1*	*27.3*	*25.8*	*21.3*	*16.0*	*15.6*
67.5°	1095.7	473.0	54.5	32.8	24.7	22.6	22.8	21.9	18.1	13.6	13.0
70°	920.4	313.2	35.6	24.9	19.8	17.5	18.7	19.0	15.3	11.1	10.7
72.5°	674.7	184.9	24.9	18.5	14.5	12.1	15.3	15.8	12.4	8.3	7.9
75°	384.5	87.8	18.7	13.4	8.9	8.5	11.9	11.9	8.5	5.5	5.1
77.5°	161.5	36.6	13.2	8.7	5.1	4.9	8.1	7.5	4.3	2.6	2.6
80°	46.7	16.4	7.0	4.3	2.1	1.9	3.2	2.3	1.1	0.4	0.4
82.5°	18.3	7.2	2.8	1.7	0.9	0.9	0.4	0.0	0.0	0.0	0.0
85°	10.9	3.0	1.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	0.6	0.4	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

Cooper Lighting Solutions Photometric Lab
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

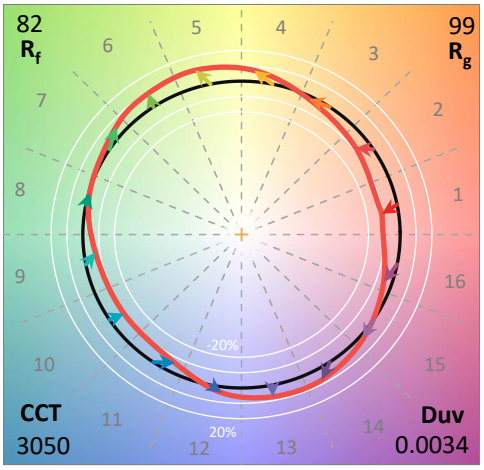
Test Information

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

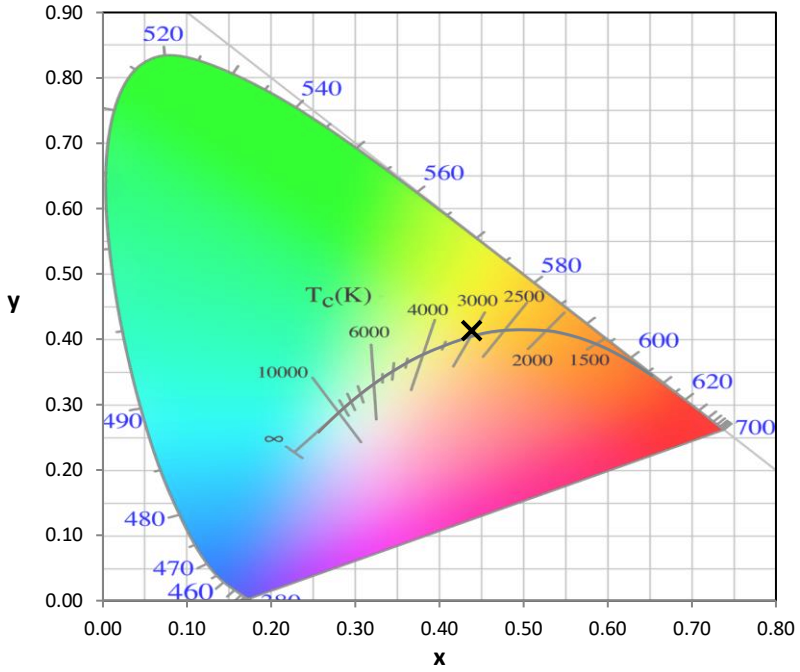
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

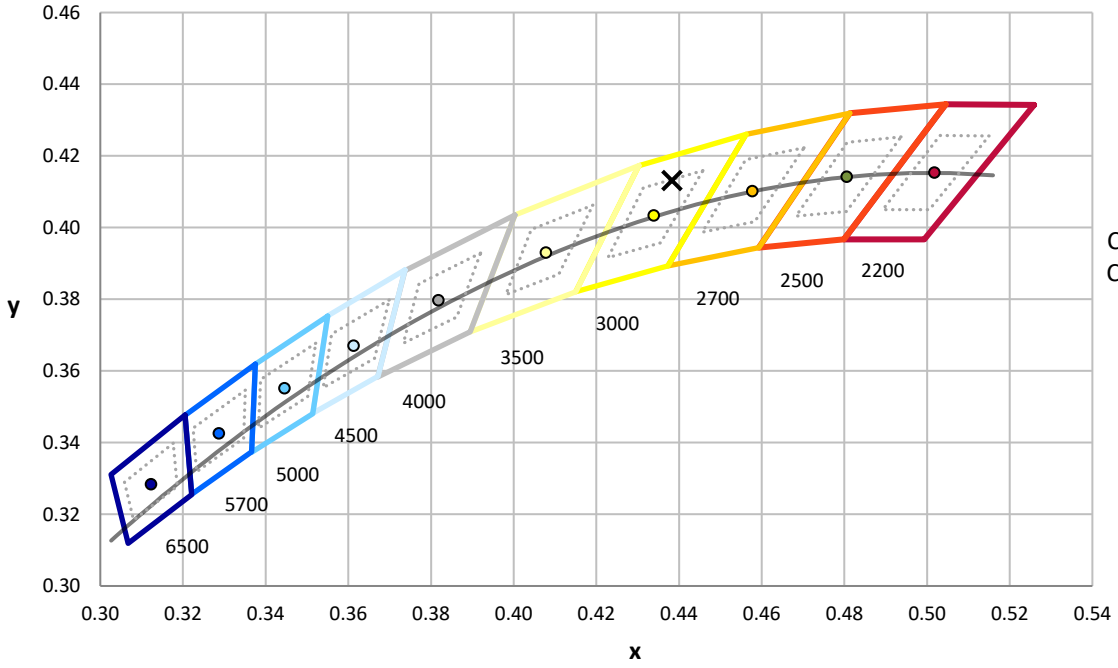
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

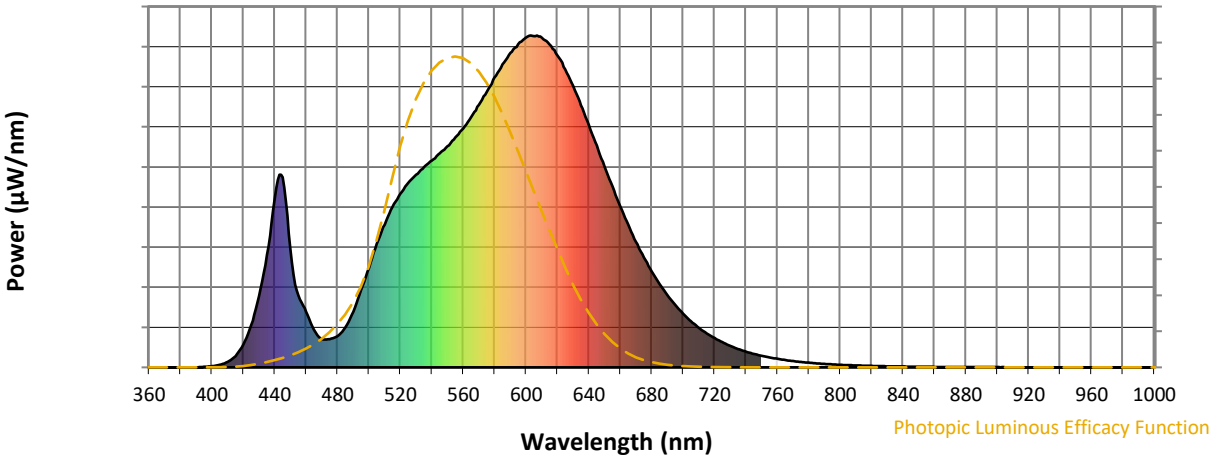


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

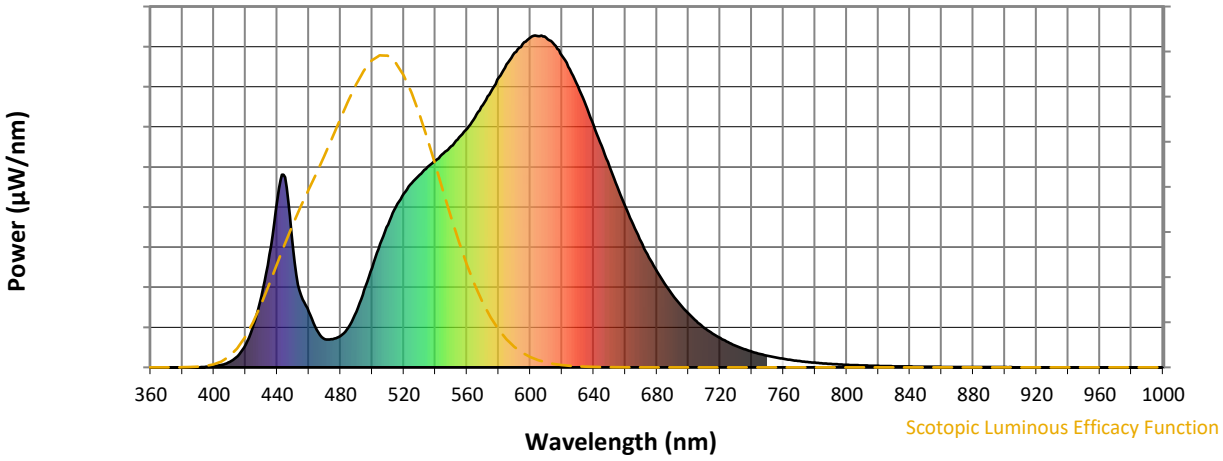


Photopic Lumens: NR

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

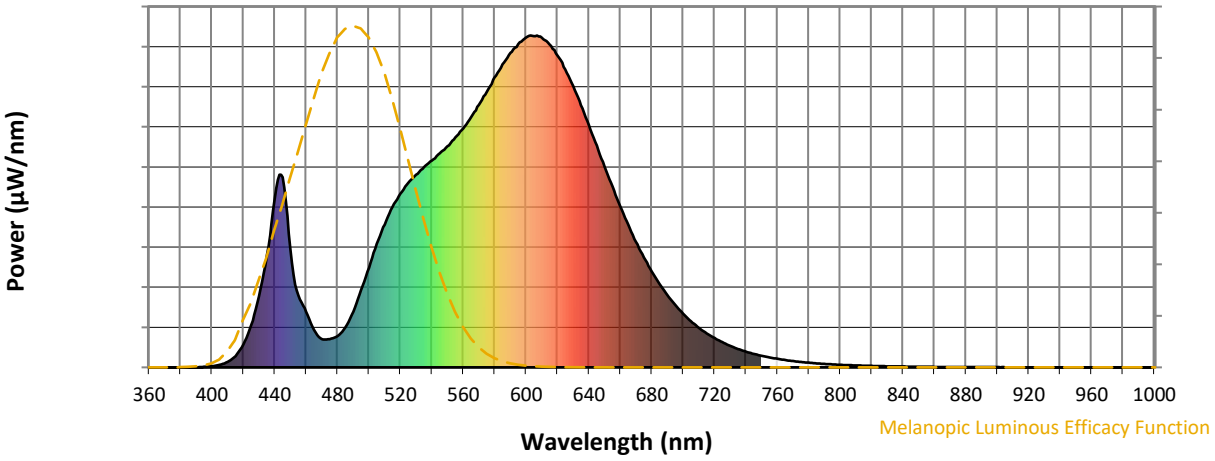


Scotopic Lumens: NR **S/P: 1.27**

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			

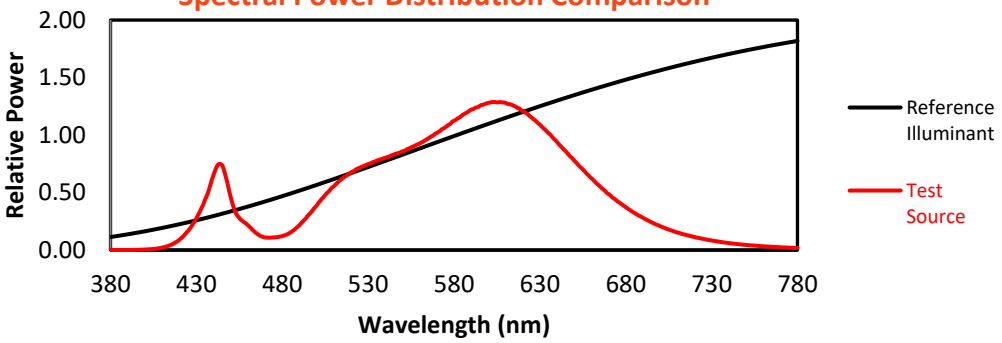
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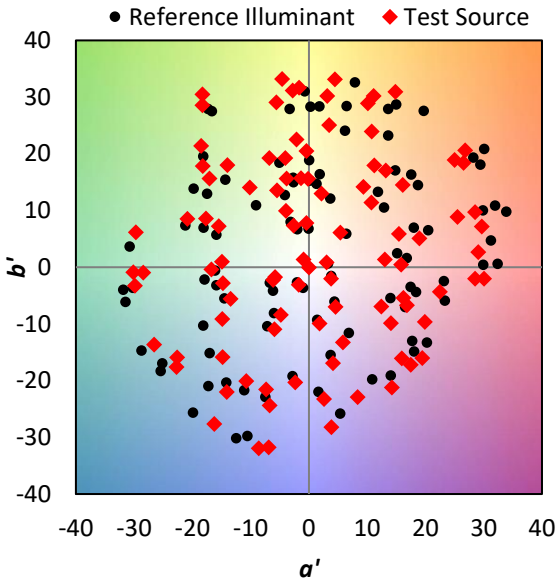
Summary

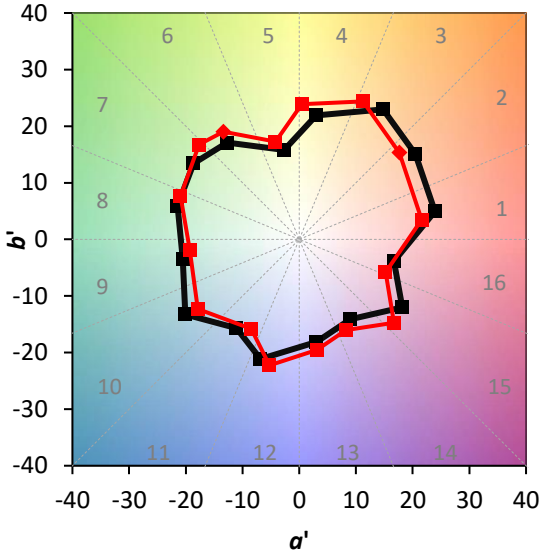
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

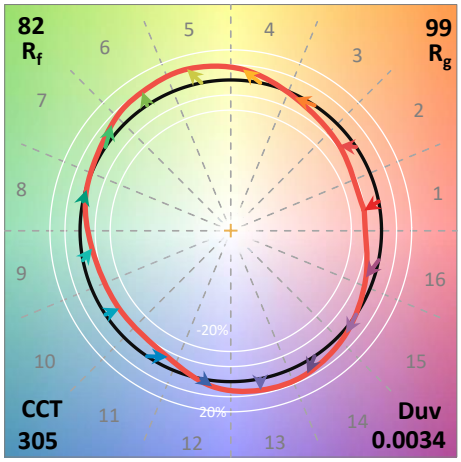
Spectral Power Distribution Comparison

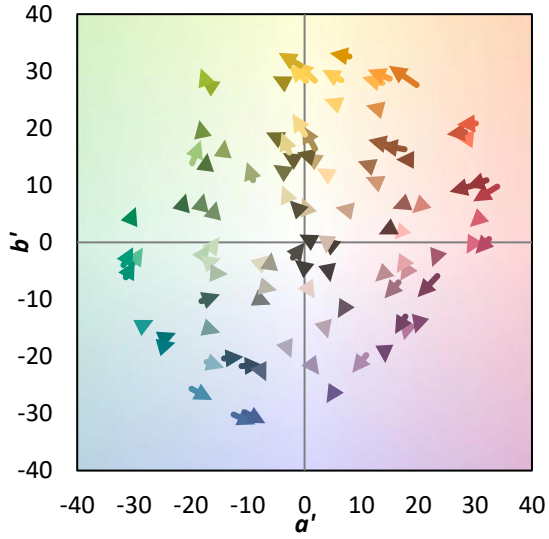


Color Vector Graphics







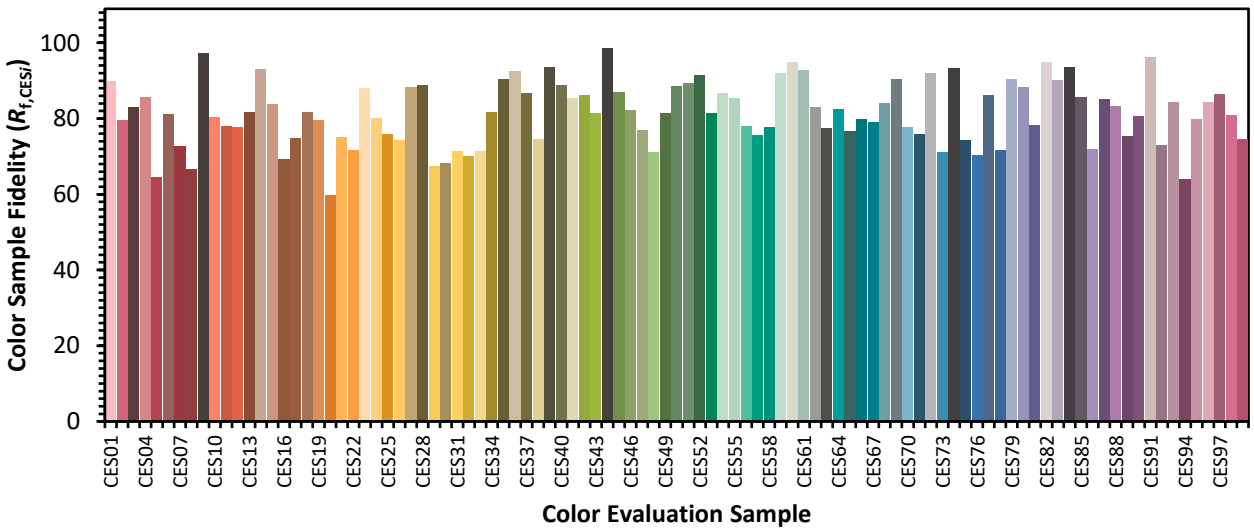


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Individual Sample Fidelity Index ($R_{f,i}$)

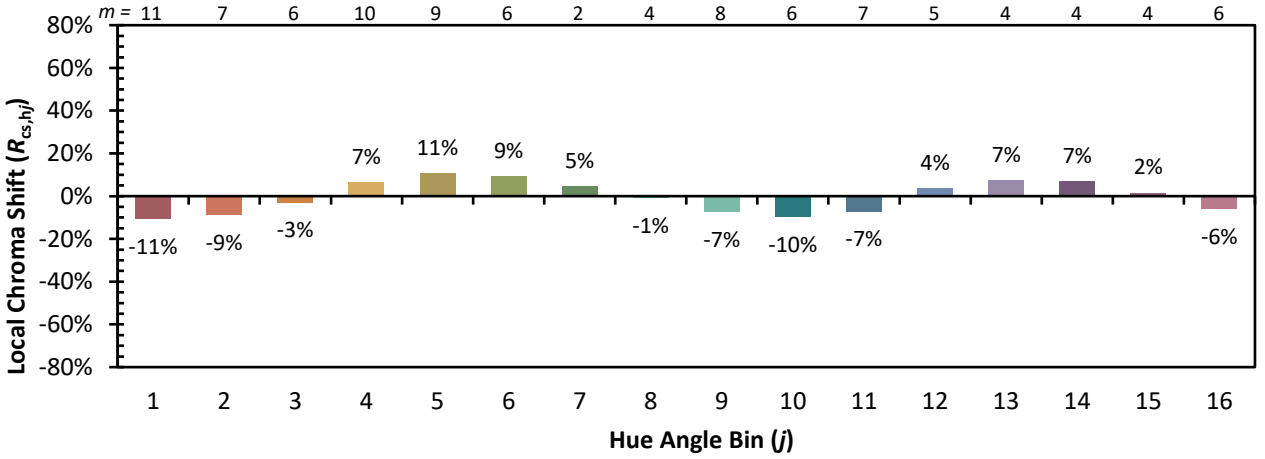
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

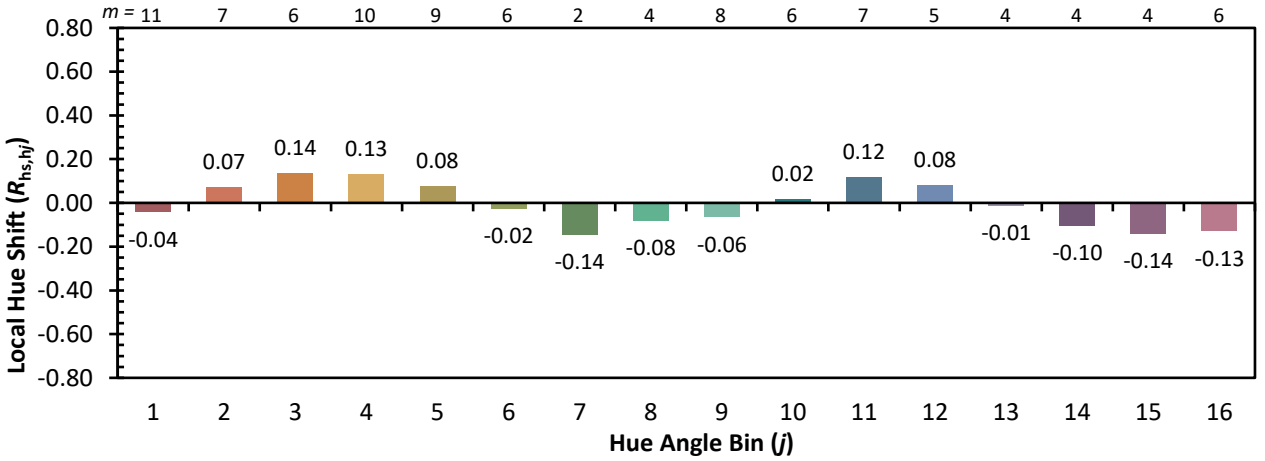


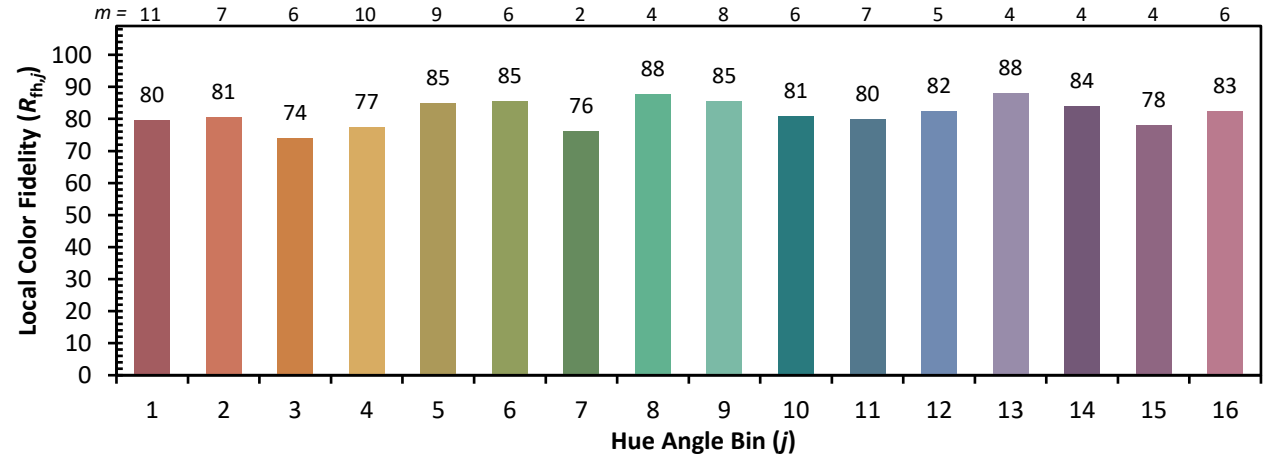
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Color Rendition by Hue-Angle Bin



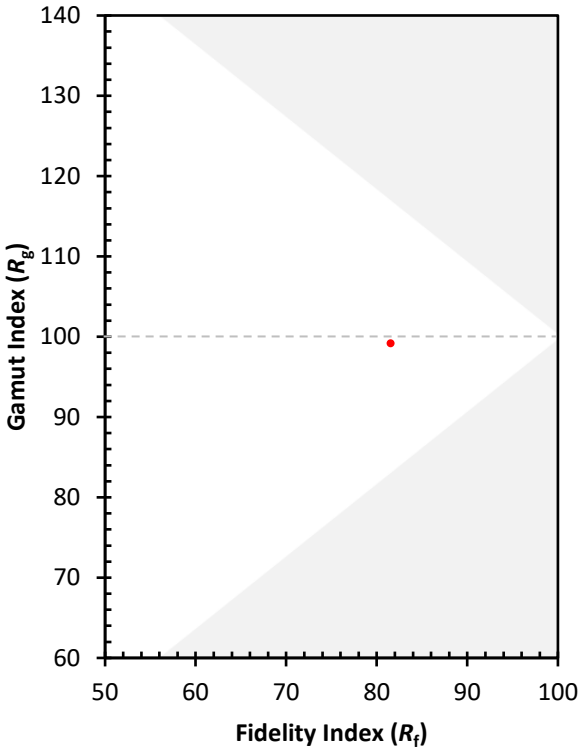


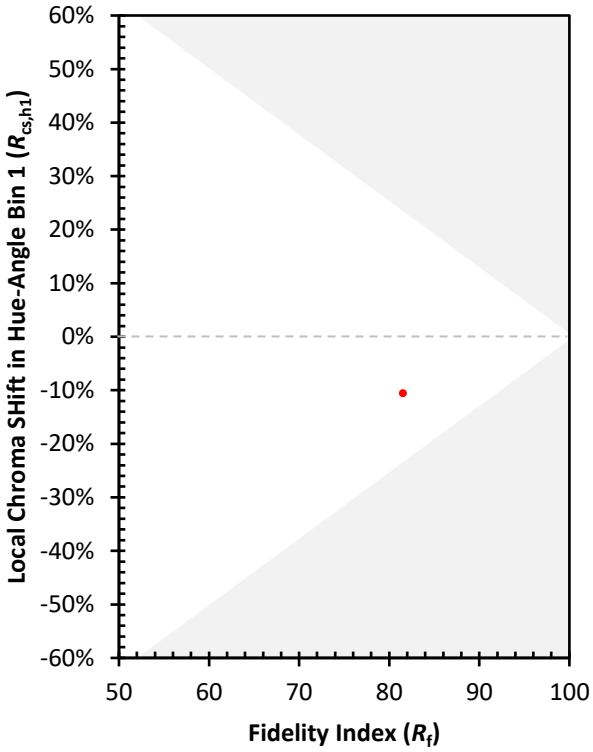


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Measure Comparisons





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