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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P386496

Luminaire Tested: **GPC-SA2A-830-U-SL2-HSS**

Issue Date: 3/3/2020

Report Generated By 670245982

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P386496
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-21)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2A-830-U-SL2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH 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:	6402 lumens
Efficiency:	N/A
Efficacy:	97.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	66
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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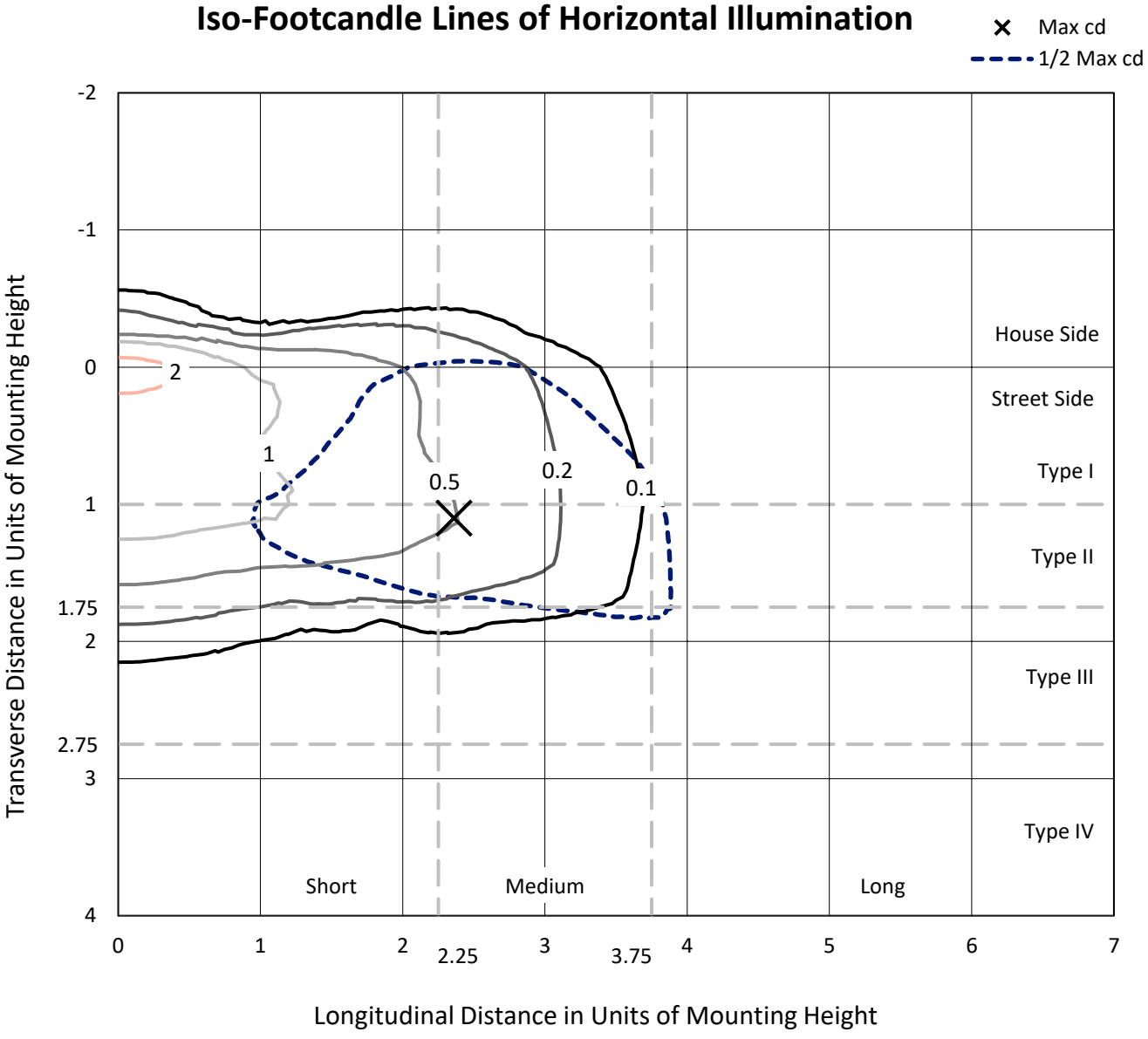
Scaled Data Report

REPORT NUMBER: P386496
CATALOG NUMBER: GPC-SA2A-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
Type III - Medium - N/A

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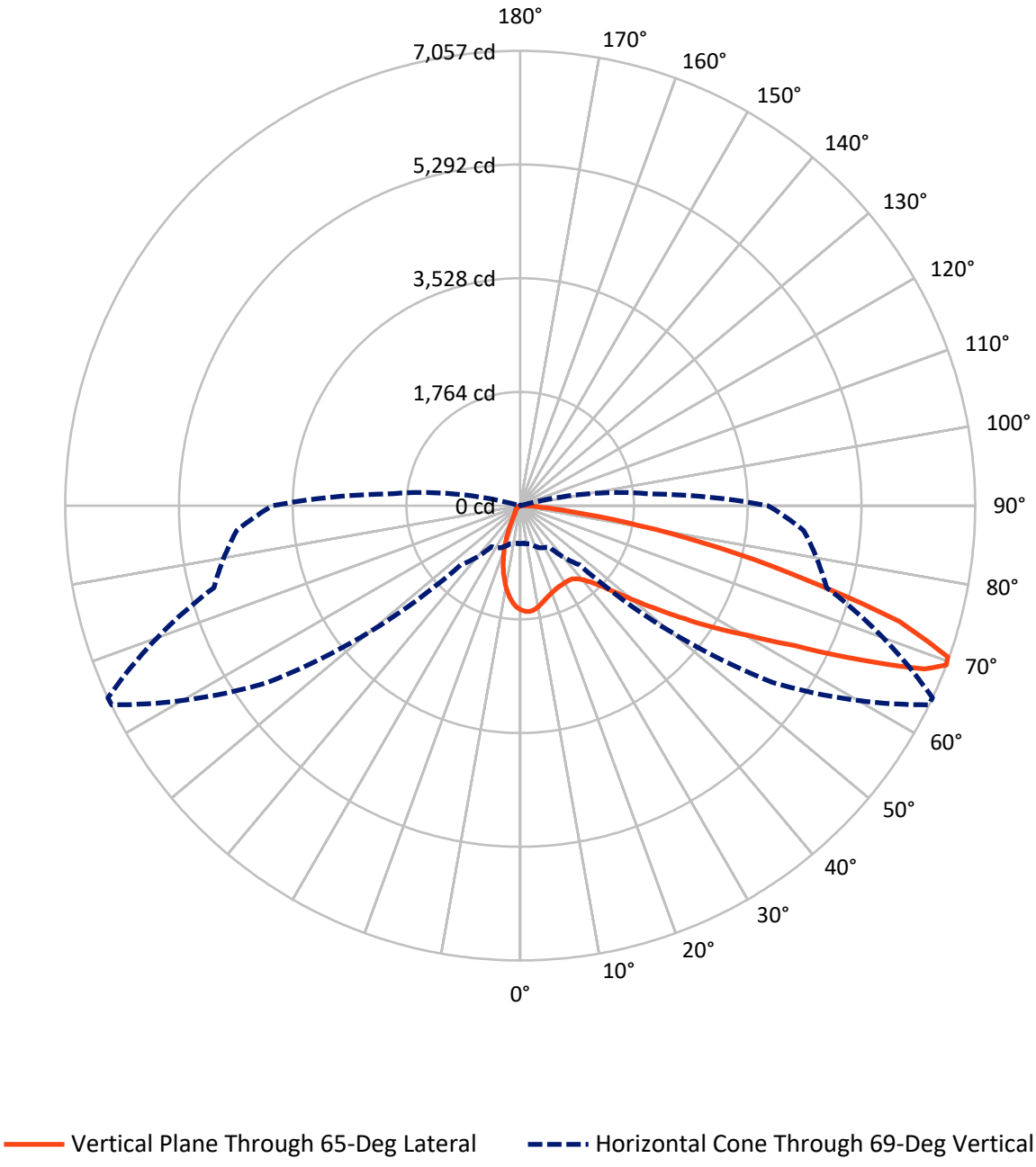
Luminous Intensity Polar Plot



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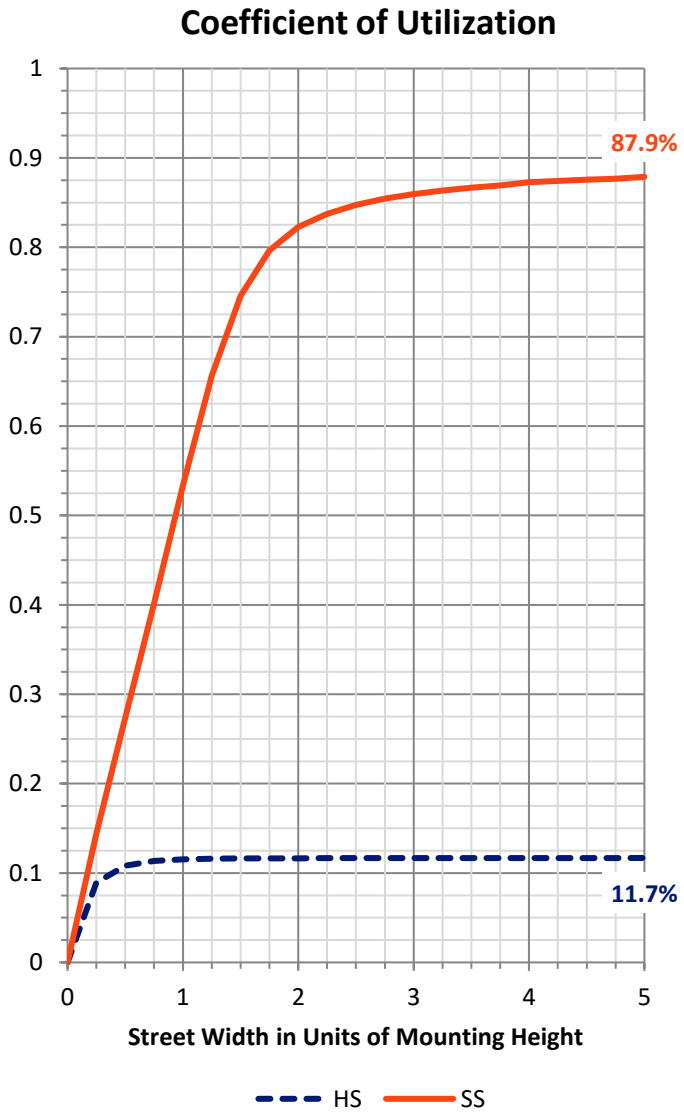
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	754.6	0.0	754.6
	% Fixture	11.8	0.0	11.8
Street Side	Lumens	5647.4	0.0	5647.4
	% Fixture	88.2	0.0	88.2
Total	Lumens	6402.0	0.0	6402.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.3	2.1
10°-20°	296.1	4.6
20°-30°	410.2	6.4
30°-40°	571.9	8.9
40°-50°	888.9	13.9
50°-60°	1427.1	22.3
60°-70°	1614.2	25.2
70°-80°	948.1	14.8
80°-90°	110.3	1.7
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°	6402.0	100.0
0°-180°	6402.0	100.0



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REPORT NUMBER: P386496
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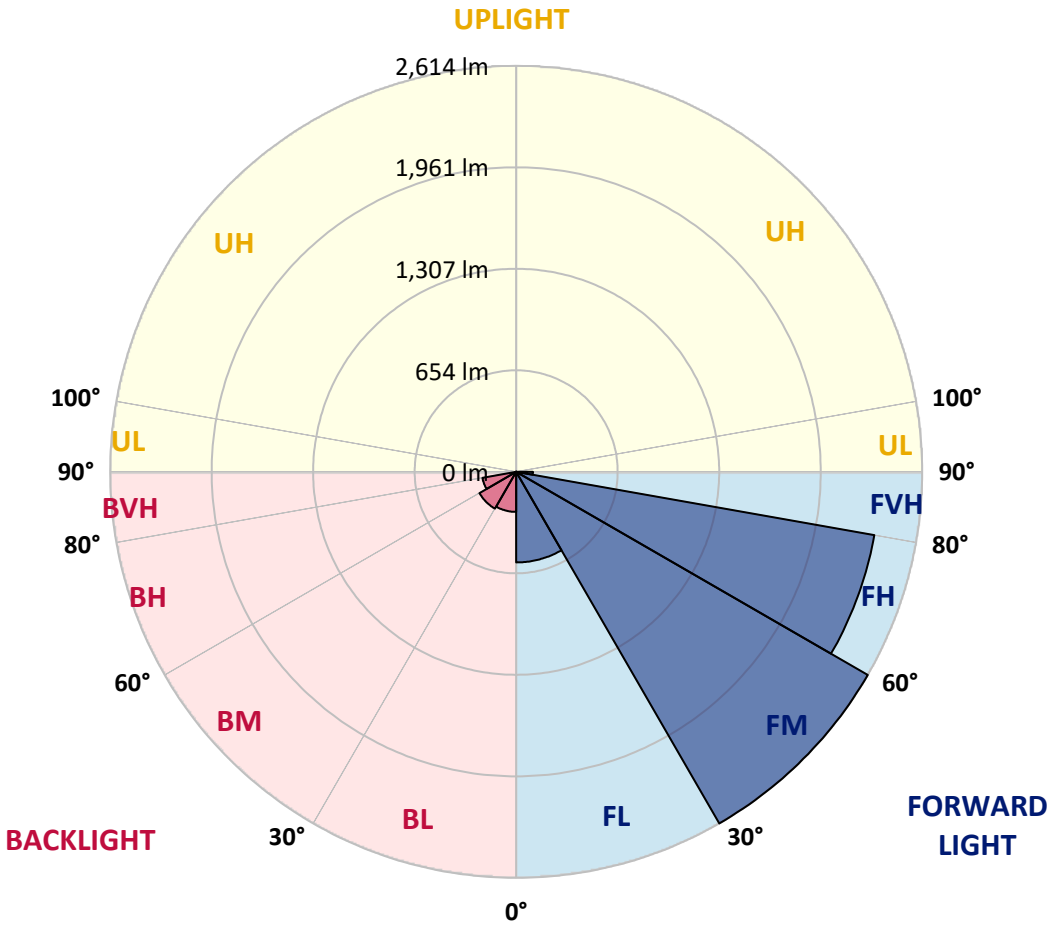
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	583.4	9.1			
FM	(30°-60°)	2614.4	40.8			
FH	(60°-80°)	2341.8	36.6			G2/5000
FVH	(80°-90°)	107.8	1.7			G2/225
BL	(0°-30°)	258.2	4.0	B1/500		
BM	(30°-60°)	273.5	4.3	B1/1000		
BH	(60°-80°)	220.5	3.4	B1/500		G1/500
BVH	(80°-90°)	2.5	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: P386496
CATALOG NUMBER: GPC-SA2A-830-U-SL2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	*1617.8*	1617.8	1617.8
2.5°	1632.2	1628.1	1631.3	1638.4	1641.9	1641.9	1644.6	1641.4	*1642.4*	1634.6	1623.2
5°	1530.0	1523.8	1532.7	1552.5	1576.9	1597.8	1628.6	1644.9	*1646.5*	1646.8	1633.5
7.5°	1420.0	1414.4	1427.6	1450.9	1482.3	1521.1	1575.0	1622.1	*1624.8*	1650.3	1640.6
10°	1330.6	1326.6	1342.0	1366.9	1403.8	1447.1	1513.2	1578.8	*1586.6*	1643.0	1639.5
12.5°	1259.7	1256.4	1271.0	1299.8	1337.4	1385.4	1454.4	1530.6	*1541.1*	1626.5	1634.1
15°	1207.9	1207.4	1219.6	1247.2	1288.9	1333.6	1404.3	1485.9	*1498.1*	1608.6	1633.2
17.5°	1180.8	1181.7	1190.6	1214.2	1249.9	1294.3	1362.1	1448.2	*1461.5*	1592.6	1637.3
20°	1178.1	1178.9	1183.8	1197.1	1226.1	1265.4	1327.7	1416.5	*1430.3*	1580.7	1643.8
22.5°	1202.0	1201.4	1202.8	1201.4	1217.7	1247.5	1304.9	1392.1	*1408.1*	1572.8	1648.9
25°	1247.8	1246.9	1246.4	1236.4	1225.5	1241.5	1295.4	1378.3	*1393.5*	1567.1	1651.9
27.5°	1311.4	1310.9	1310.1	1293.5	1261.0	1251.0	1296.5	1373.2	*1385.9*	1562.5	1651.4
30°	1395.1	1398.9	1397.8	1374.8	1324.1	1280.0	1307.9	1370.5	*1381.6*	1553.6	1645.7
32.5°	1493.5	1501.0	1507.0	1482.3	1419.0	1337.4	1334.2	1373.4	*1381.6*	1546.8	1635.4
35°	1595.6	1605.3	1627.3	1618.6	1535.2	1423.8	1379.4	1391.3	*1398.1*	1550.6	1630.5
37.5°	1696.1	1707.7	1755.4	1780.6	1687.4	1538.2	1449.8	1435.5	*1439.0*	1573.6	1635.9
40°	1812.8	1830.5	1902.8	1943.4	1869.2	1691.2	1555.2	1511.3	*1512.7*	1624.3	1661.1
42.5°	1966.2	1984.3	2062.6	2126.3	2074.0	1884.6	1698.3	1627.3	*1625.9*	1719.1	1720.5
45°	2153.1	2172.1	2253.0	2323.8	2300.2	2113.8	1881.4	1796.6	*1795.0*	1868.6	1832.9
47.5°	2364.9	2383.6	2456.0	2528.8	2554.3	2381.5	2114.6	2027.7	*2023.9*	2076.4	2006.5
50°	2546.7	2558.9	2625.5	2723.6	2838.5	2710.3	2404.8	2321.0	*2317.0*	2352.5	2261.4
52.5°	2612.8	2619.8	2687.6	2824.9	3111.5	3155.7	2785.9	2678.1	*2675.1*	2690.5	2600.9
55°	2479.0	2491.7	2574.9	2778.6	3259.4	3659.0	3267.0	3120.2	*3097.7*	3064.4	2955.8
57.5°	2114.4	2134.7	2224.1	2495.0	3190.4	4058.3	3974.1	3620.3	*3587.2*	3383.5	3244.3
60°	1584.2	1609.1	1683.4	1975.7	2821.7	4200.5	4746.7	4177.5	*4103.0*	3637.6	3509.5
62.5°	1087.1	1099.6	1150.0	1340.4	2078.1	3967.6	5393.0	4923.8	*4787.8*	3913.9	3796.3
65°	830.3	834.6	855.2	920.8	1237.5	3222.9	5650.1	5908.5	*5744.1*	4244.4	4094.1
67.5°	669.1	665.6	694.0	787.8	828.7	1966.2	5350.2	6840.1	*6763.2*	4686.2	4393.7
69°	*590.0*	*585.1*	*614.1*	*723.0*	*778.3*	*1299.8*	*4783.0*	*7051.7*	*7056.6*	*4919.5*	*4414.3*
70°	531.0	534.2	562.9	684.6	761.2	1020.2	4241.2	6997.8	*7036.3*	5006.7	4290.7
72.5°	354.6	363.3	421.0	568.3	732.0	772.1	2560.8	6005.0	*6152.9*	4810.3	3681.2
75°	199.9	206.4	275.0	428.6	689.7	735.2	1352.6	4424.0	*4567.1*	4022.5	2838.7
77.5°	98.1	101.6	155.5	276.6	576.7	700.5	767.2	3005.1	*3168.4*	2625.5	1605.6
80°	41.4	43.3	77.7	170.7	412.3	668.6	569.7	1849.4	*1869.7*	1028.6	427.7
82.5°	16.0	16.5	32.8	106.5	262.0	521.2	476.5	876.9	*855.8*	193.7	97.5
85°	1.9	2.2	11.9	63.9	145.7	268.2	387.1	377.9	*349.7*	38.5	50.1
87.5°	0.0	0.0	0.8	19.5	43.3	125.7	201.3	156.8	*141.4*	12.5	26.0
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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REPORT NUMBER: P386496
CATALOG NUMBER: GPC-SA2A-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8	1617.8
2.5°	1613.7	1611.0	1596.4	1575.3	1555.2	1530.3	1506.5	1492.1	1480.7	1473.1	1482.1
5°	1618.1	1606.1	1561.7	1504.8	1449.0	1386.2	1327.7	1278.1	1258.6	1236.9	1246.7
7.5°	1616.7	1594.2	1514.3	1413.0	1310.6	1204.7	1104.4	1027.2	987.1	947.9	957.9
10°	1609.9	1572.0	1450.9	1300.8	1147.5	995.3	853.1	745.0	684.6	629.8	637.7
12.5°	1595.0	1542.2	1376.2	1172.4	967.4	766.6	600.0	461.6	387.4	354.6	358.7
15°	1586.1	1513.2	1297.1	1042.4	775.0	533.9	366.8	272.8	238.9	228.1	229.4
17.5°	1581.8	1485.3	1215.2	893.7	578.4	340.0	237.0	209.1	201.8	199.9	200.5
20°	1577.4	1457.2	1131.0	746.6	398.5	228.6	194.8	186.6	183.9	181.5	182.0
22.5°	1570.1	1430.1	1040.5	597.6	268.7	185.6	175.5	167.7	162.0	159.0	159.6
25°	1561.2	1401.6	948.1	445.1	196.1	165.5	156.0	144.9	138.2	132.7	133.0
27.5°	1546.8	1366.7	852.8	324.0	164.7	148.2	135.4	123.3	111.9	105.6	105.6
30°	1526.8	1327.1	746.9	231.9	147.6	131.1	115.7	100.5	88.3	82.6	82.1
32.5°	1504.6	1285.9	639.9	175.8	134.1	115.1	97.5	81.5	70.7	66.1	65.8
35°	1485.6	1241.5	533.1	147.4	120.5	99.7	80.5	66.9	58.2	54.5	54.2
37.5°	1473.4	1197.1	429.1	131.7	108.4	85.3	67.5	55.3	49.0	46.1	45.8
40°	1471.5	1164.0	334.0	119.7	97.0	72.6	56.3	46.9	41.2	37.9	37.7
42.5°	1496.2	1145.1	256.3	109.7	85.3	61.5	47.9	40.1	34.1	30.9	30.6
45°	1560.9	1151.0	197.2	100.8	73.7	52.0	40.6	33.3	27.9	25.5	24.9
47.5°	1679.0	1192.2	156.8	91.8	62.6	44.2	34.7	27.6	23.0	20.6	20.3
50°	1889.2	1288.9	131.1	82.1	52.3	37.7	28.7	22.5	18.7	16.5	16.3
52.5°	2168.3	1461.2	117.0	72.6	43.3	32.0	23.6	17.9	14.6	13.0	12.7
55°	2476.0	1669.8	107.8	62.3	35.5	26.5	18.7	14.1	11.4	10.0	9.5
57.5°	2776.4	1850.5	99.1	52.3	29.5	21.7	14.9	11.1	8.9	7.6	7.3
60°	3052.5	2016.6	89.1	42.0	24.1	17.1	11.6	8.7	7.0	5.7	5.7
62.5°	3348.0	2145.0	75.3	32.8	19.8	13.0	9.5	7.9	5.7	4.9	4.6
65°	3661.2	2240.3	59.1	25.5	15.4	9.8	7.9	8.1	4.6	3.5	3.3
67.5°	3892.5	2221.4	43.6	20.0	11.9	7.6	7.6	8.7	4.1	2.7	2.4
69°	*3841.6*	*2067.2*	*36.6*	*17.3*	*10.3*	*6.5*	*7.0*	*8.7*	*3.8*	*2.4*	*2.2*
70°	3694.0	1896.5	32.2	15.4	9.2	6.0	6.8	8.4	3.5	2.4	2.2
72.5°	3076.3	1428.4	25.2	11.6	7.3	4.9	5.7	7.3	3.5	2.4	1.9
75°	2314.0	914.3	19.2	8.4	5.4	3.8	4.3	5.4	3.5	2.2	1.9
77.5°	1259.1	329.7	13.8	5.7	3.8	3.0	3.0	4.1	3.3	1.6	1.1
80°	323.7	82.9	8.7	3.8	3.0	2.2	1.9	2.7	1.9	0.3	0.0
82.5°	79.9	18.7	4.6	2.7	2.2	0.8	0.8	1.4	0.8	0.0	0.0
85°	43.9	9.2	3.0	1.9	1.1	0.0	0.0	0.3	0.0	0.0	0.0
87.5°	22.5	2.7	0.8	0.5	0.3	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

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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

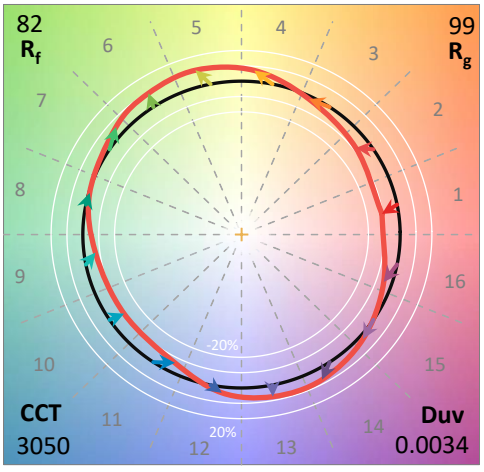
Test Information

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

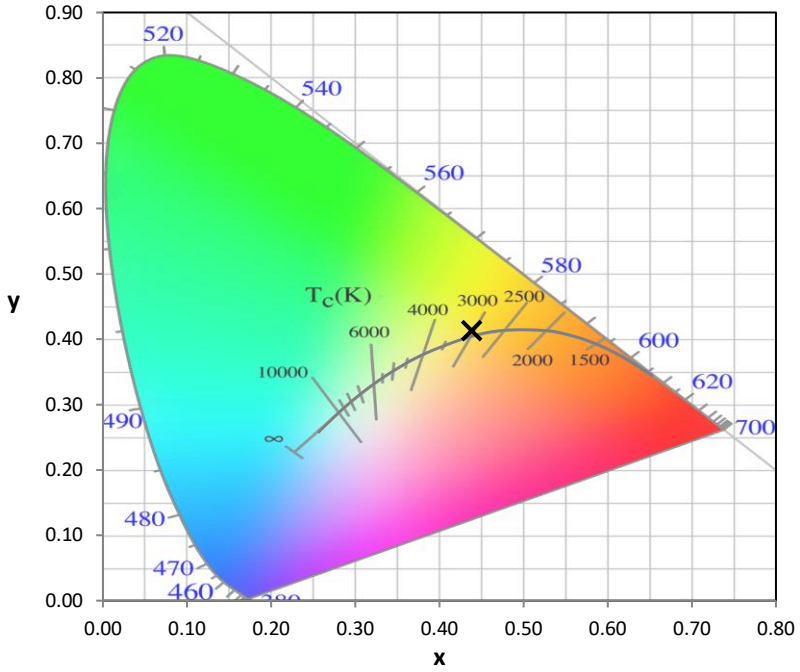
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

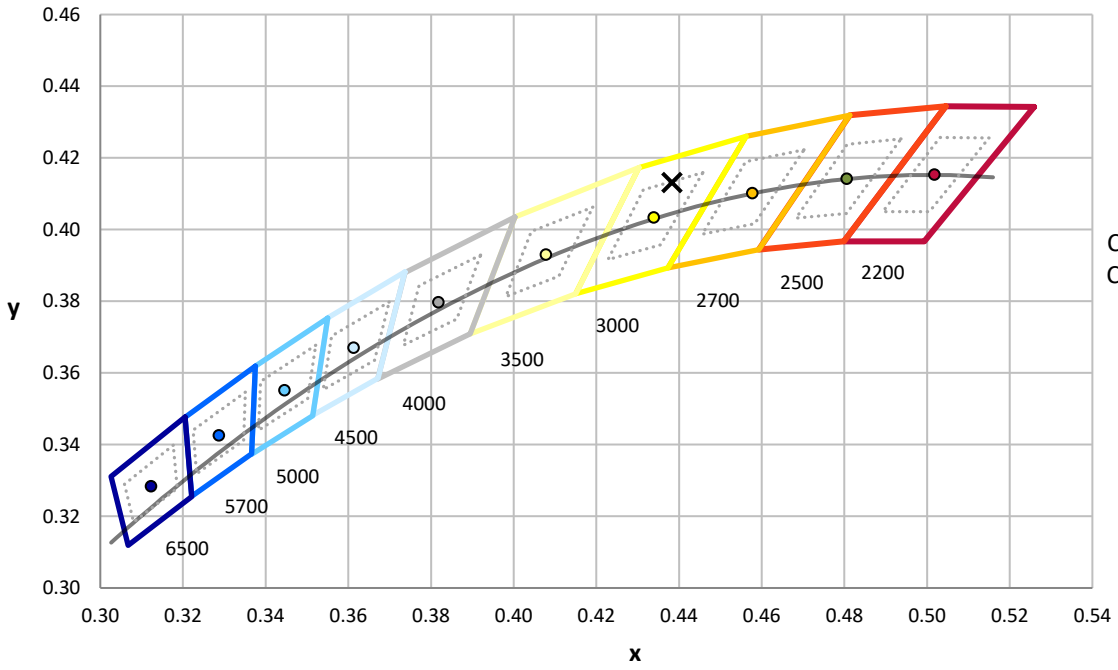
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

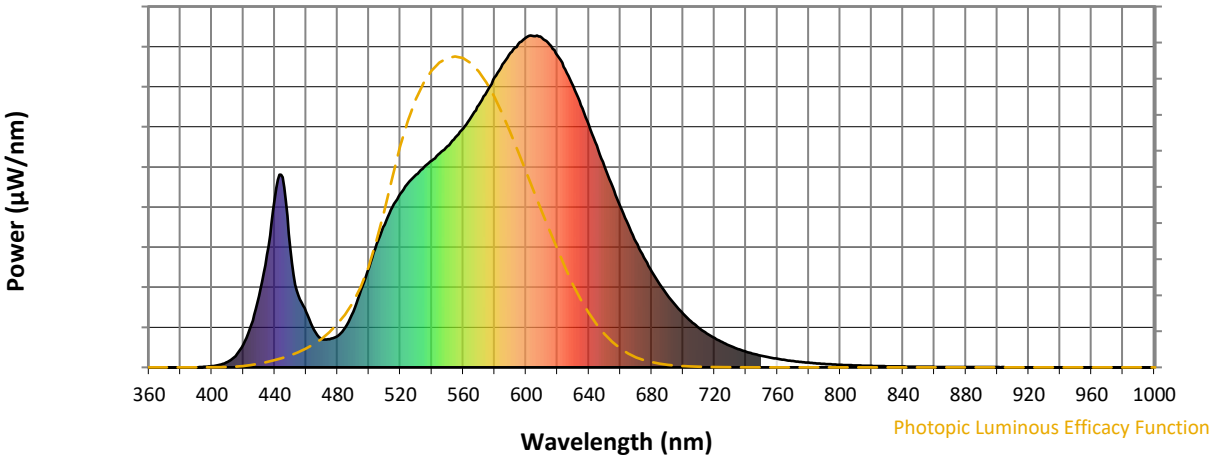


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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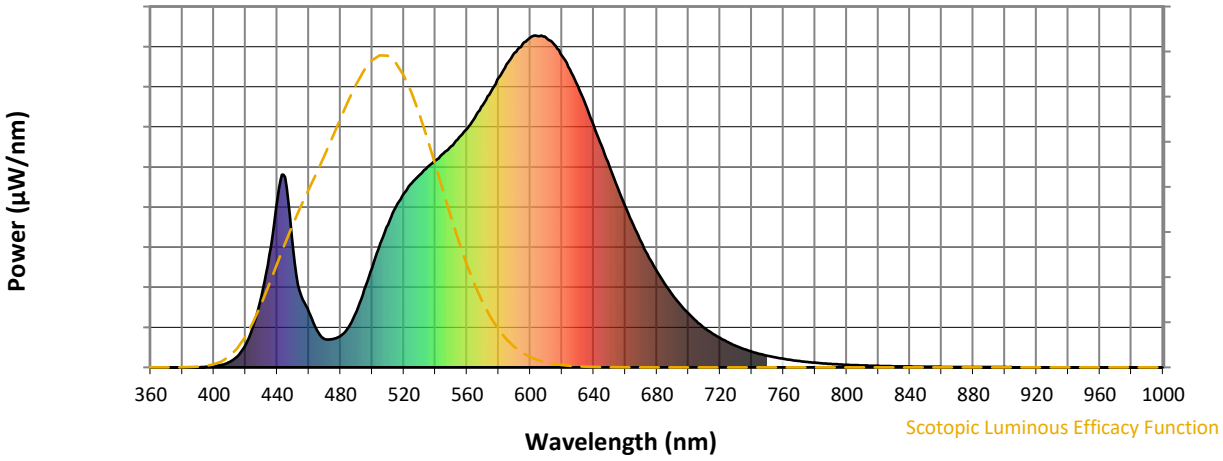
Scotopic Flux vs. Wavelength



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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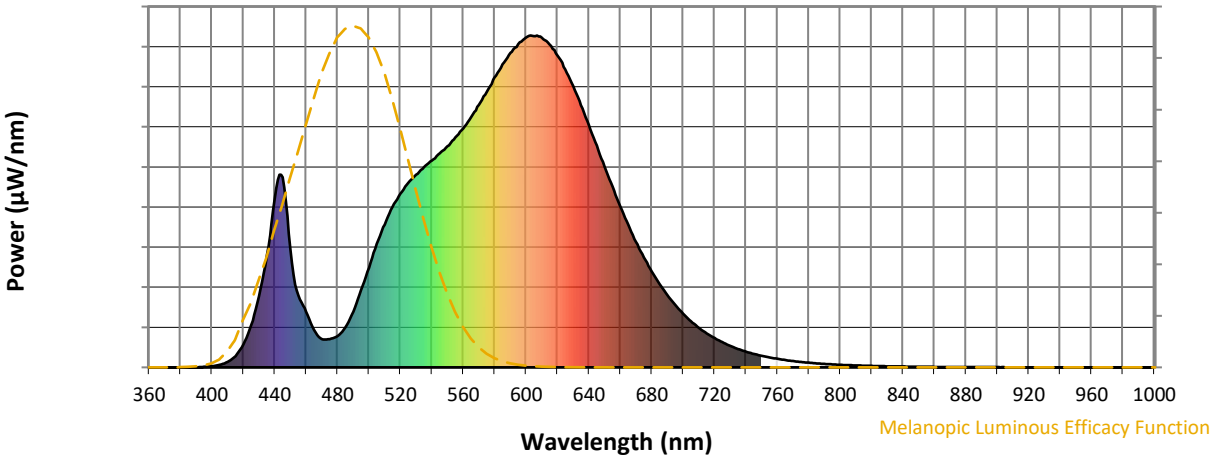
Melanopic Flux vs. Wavelength



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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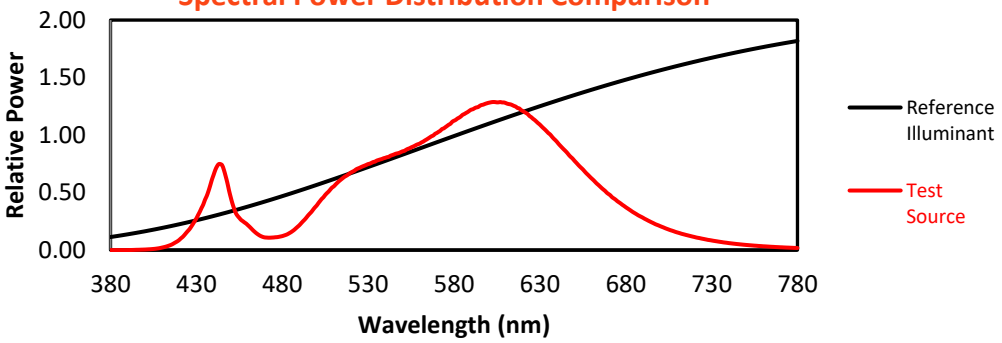
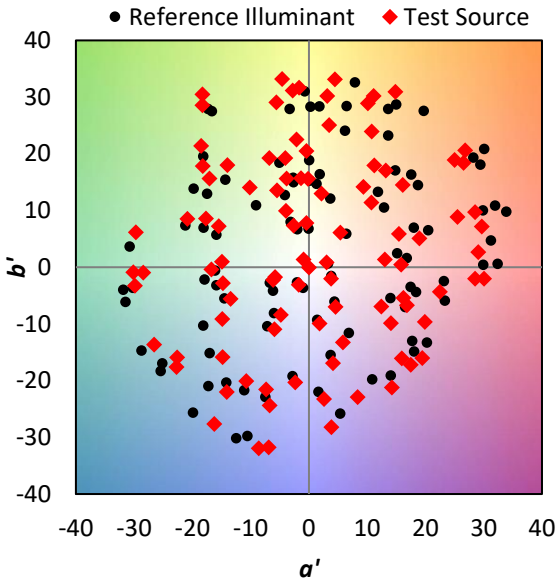
Summary

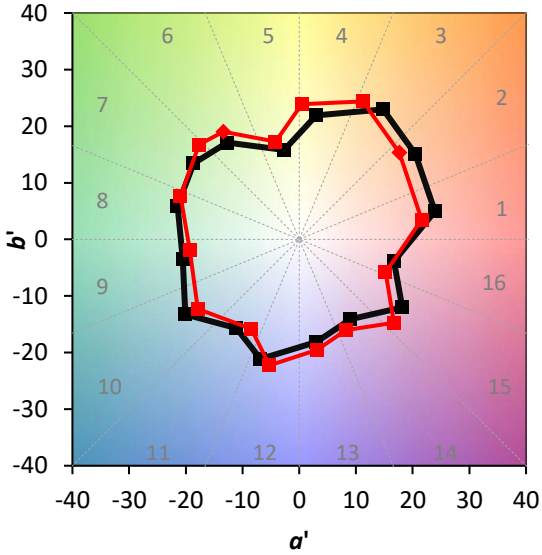
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

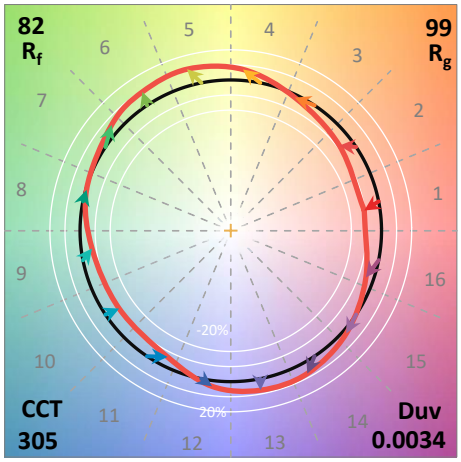
Spectral Power Distribution Comparison

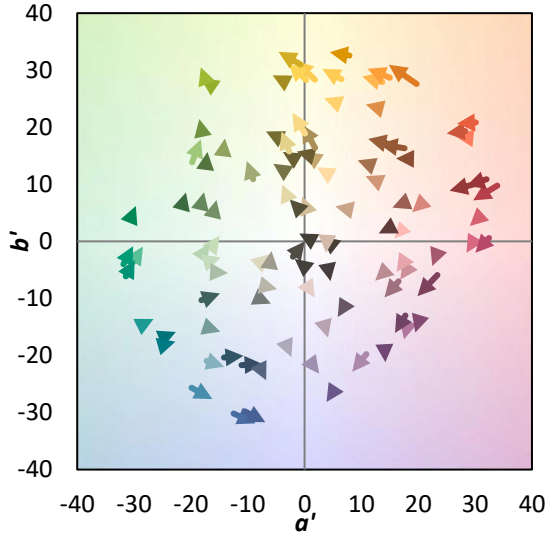


Color Vector Graphics









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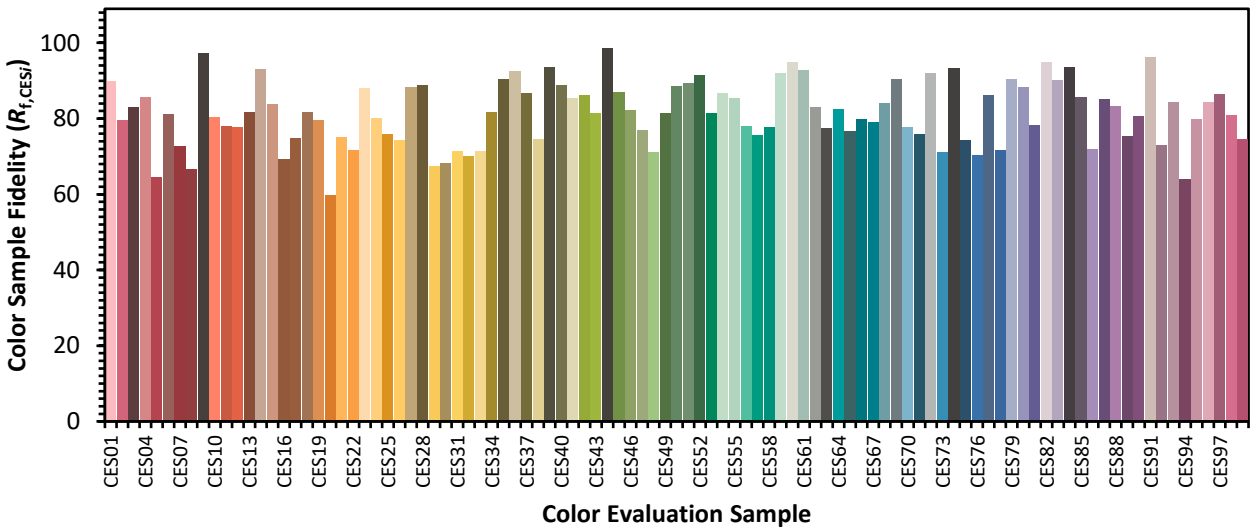
Individual Sample Fidelity Index ($R_{f,i}$)

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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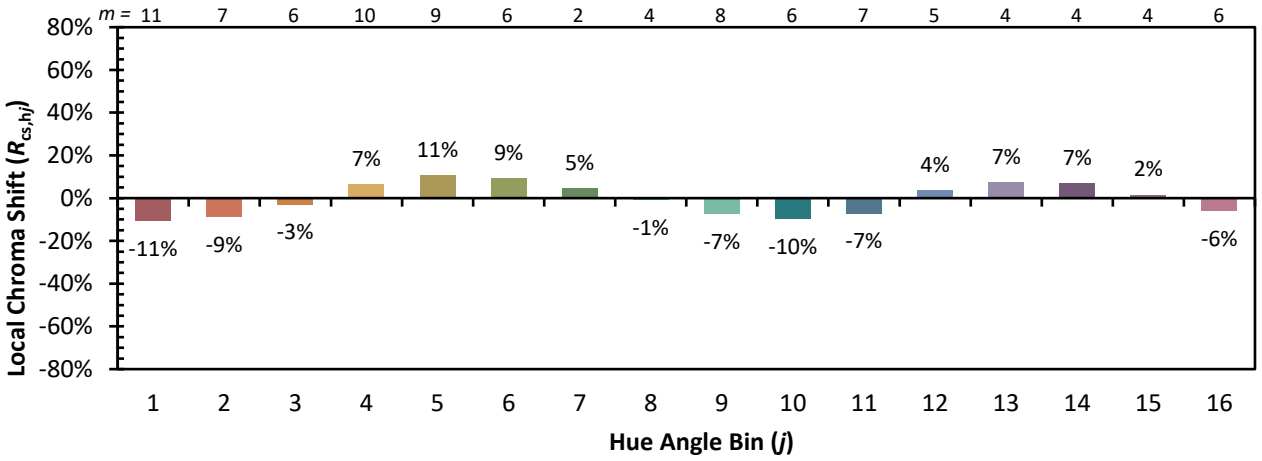
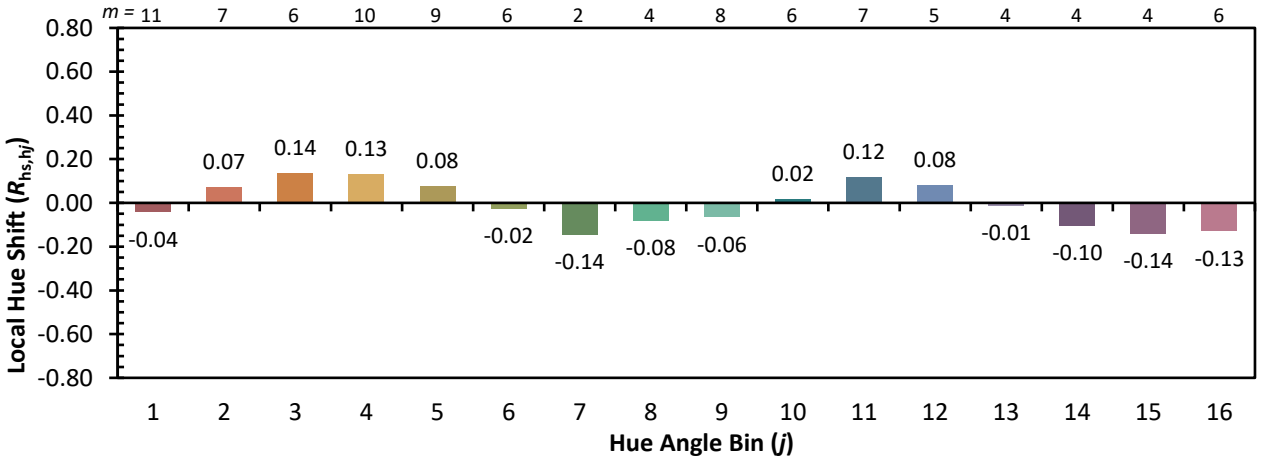
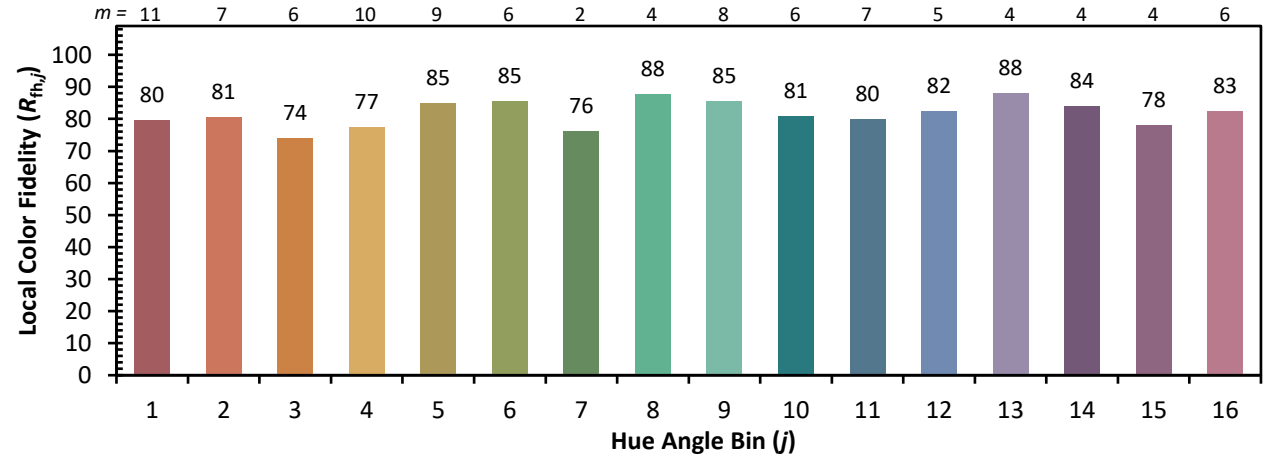
Color Rendition by Hue-Angle Bin







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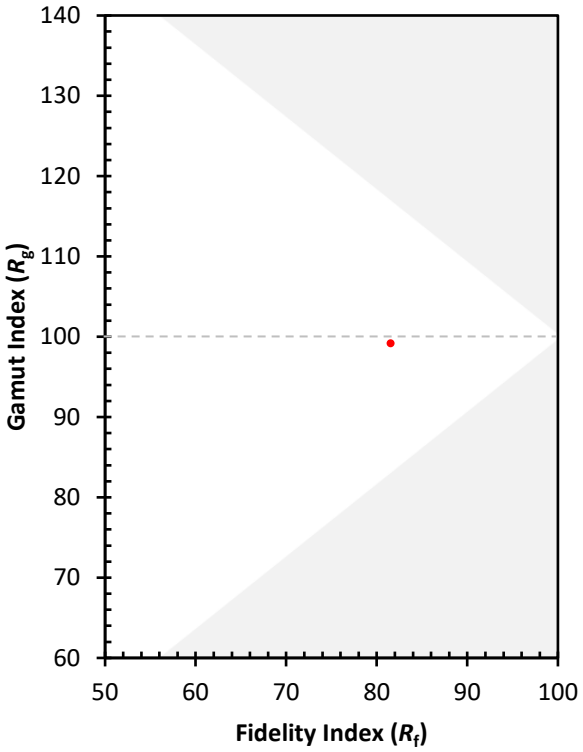
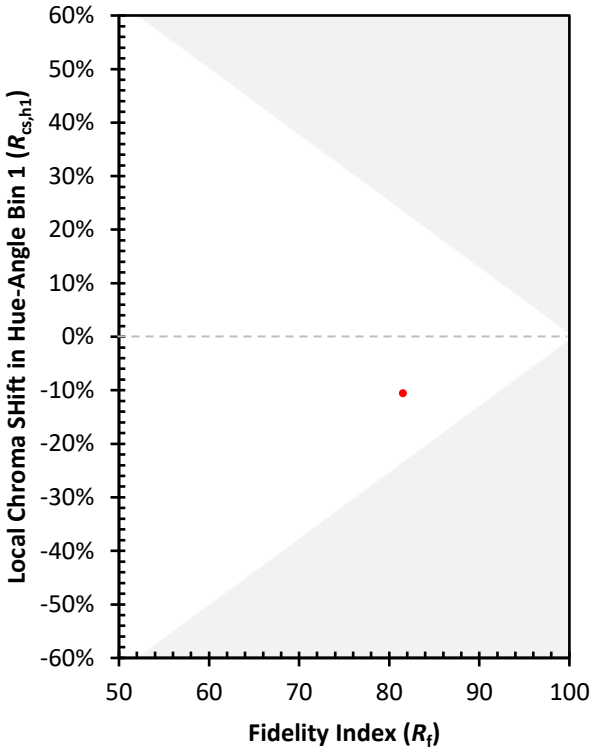
Measure Comparisons





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