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: P1203495

Luminaire Tested: GWC-SB2C-830-U-T3

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:	P1203495
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13464 lumens
Efficiency:	N/A
Efficacy:	133.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

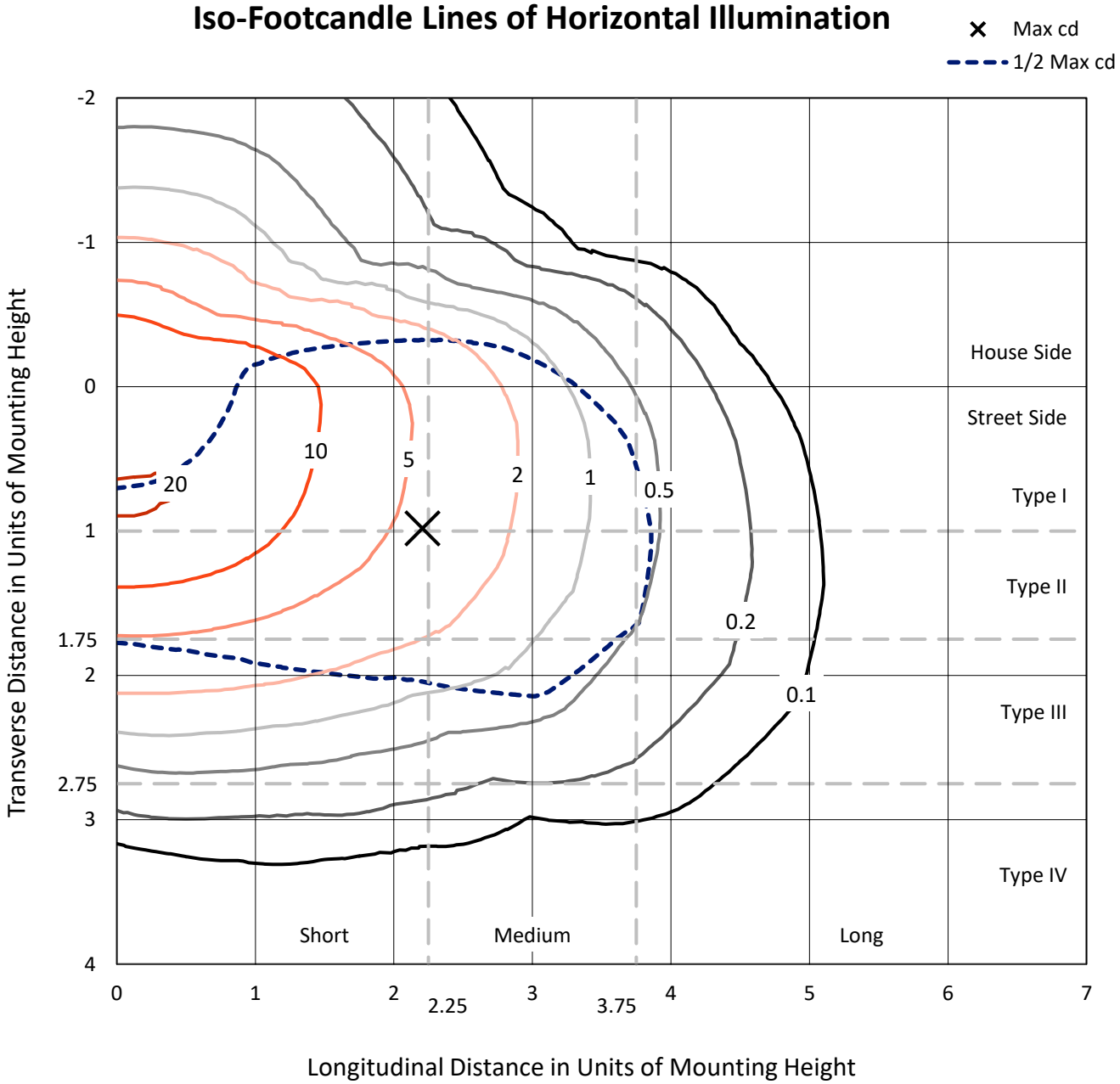


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Scaled Data Report

REPORT NUMBER: P1203495
CATALOG NUMBER: GWC-SB2C-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



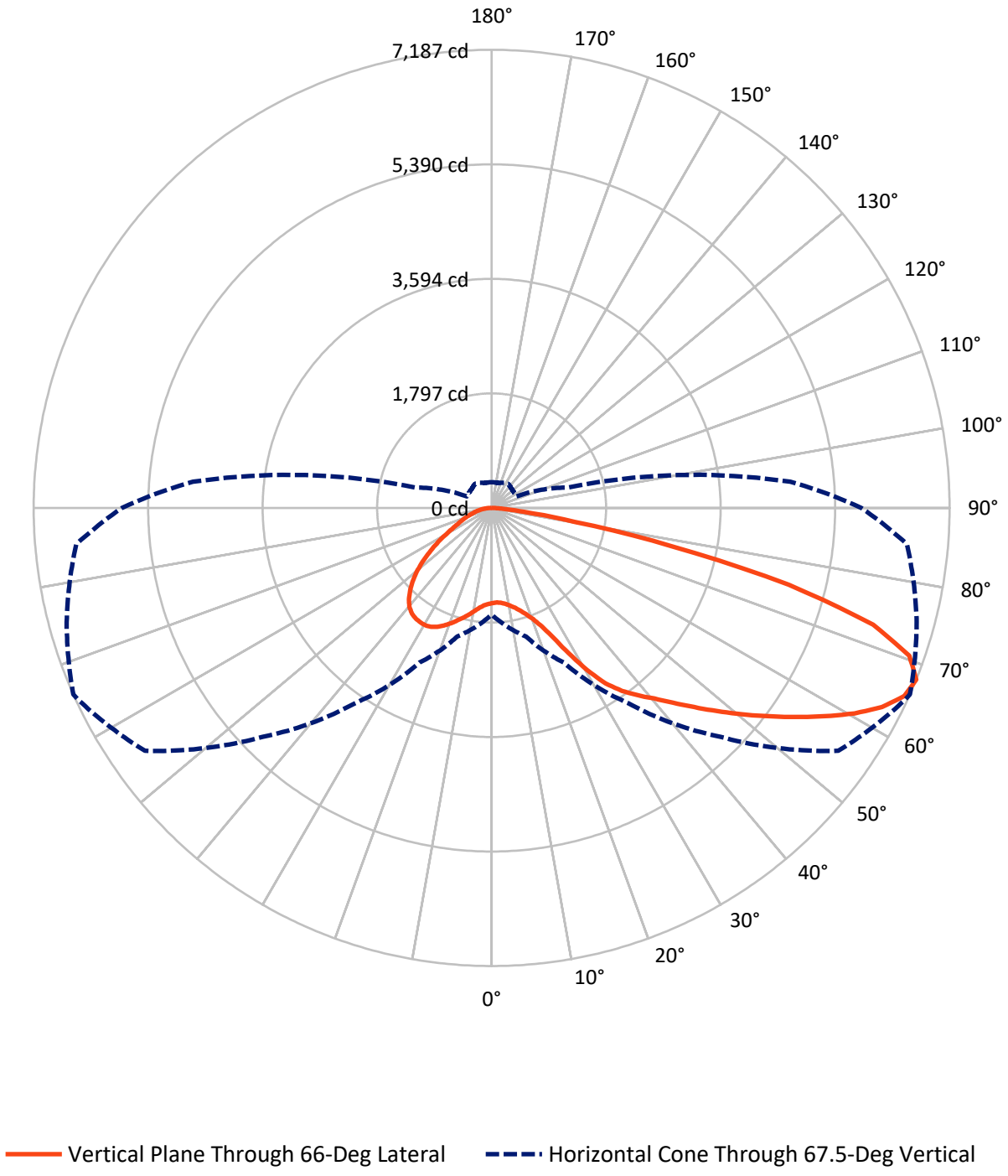
Based on 10 foot mounting height. Maximum calculated value = 19.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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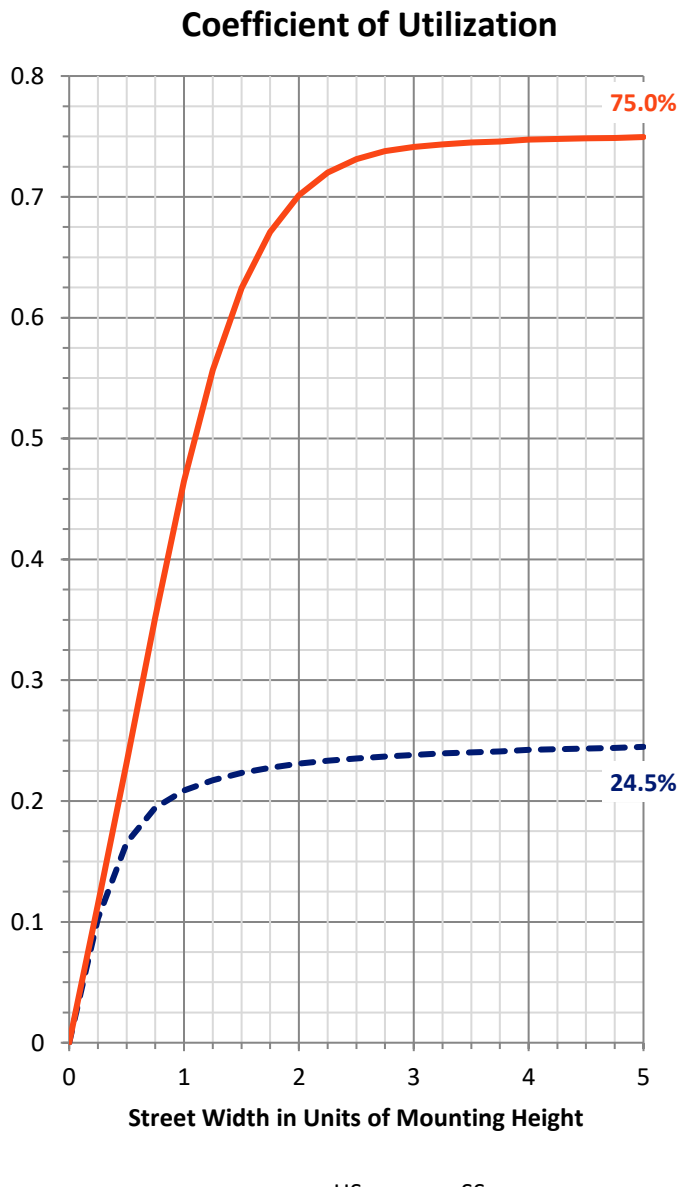
REPORT NUMBER: P1203495
CATALOG NUMBER: GWC-SB2C-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3347.8	0.0	3347.8
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	10116.2	0.0	10116.2
	% Fixture	75.1	0.0	75.1
Total	Lumens	13464.0	0.0	13464.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.1	1.1
10°-20°	489.2	3.6
20°-30°	942.8	7.0
30°-40°	1653.1	12.3
40°-50°	2457.7	18.3
50°-60°	3115.3	23.1
60°-70°	3048.3	22.6
70°-80°	1454.1	10.8
80°-90°	155.4	1.2
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°	13464.0	100.0
0°-180°	13464.0	100.0



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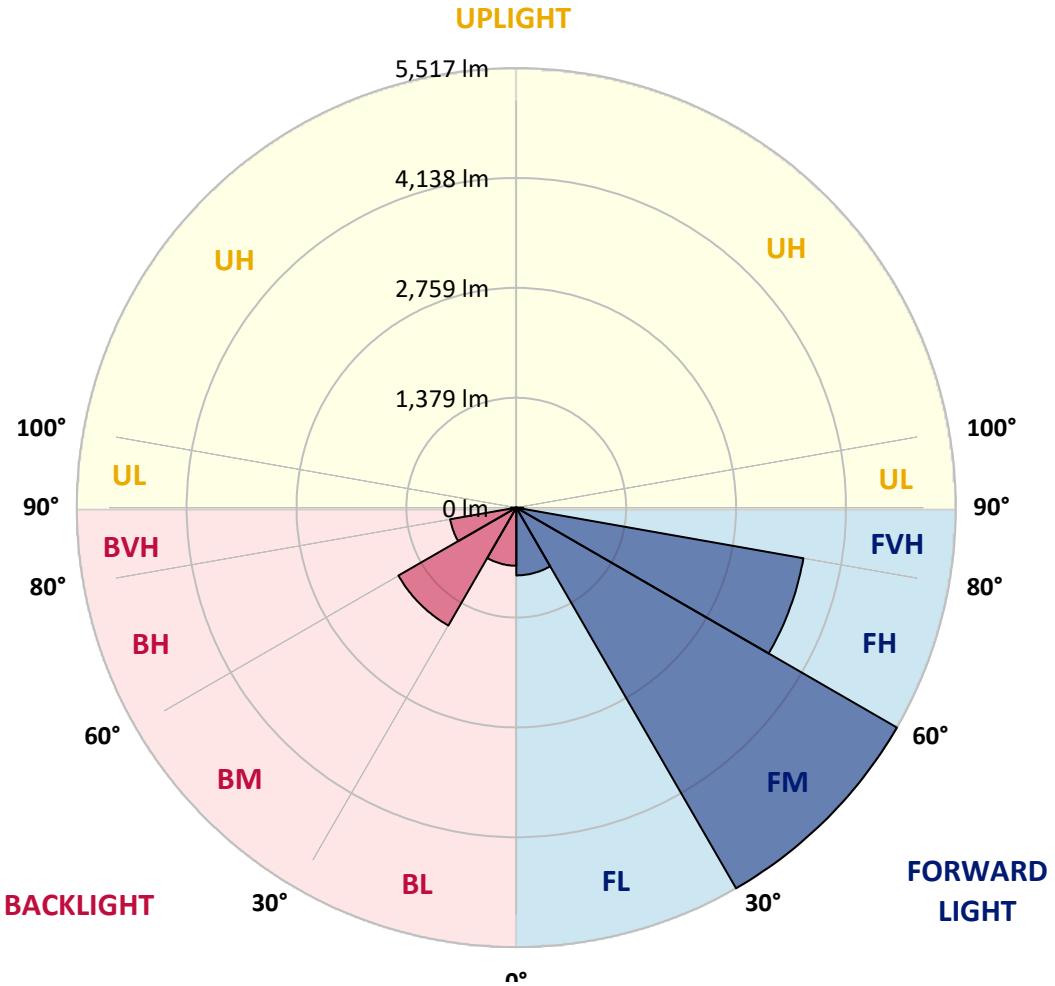
Scaled Data Report

REPORT NUMBER: P1203495
CATALOG NUMBER: GWC-SB2C-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	850.8	6.3			
FM	(30°-60°)	5517.4	41.0			
FH	(60°-80°)	3659.9	27.2			G2/5000
FVH	(80°-90°)	88.1	0.7			G1/100
BL	(0°-30°)	729.3	5.4	B2/1000		
BM	(30°-60°)	1708.7	12.7	B2/2500		
BH	(60°-80°)	842.5	6.3	B2/1000		G2/1000
BVH	(80°-90°)	67.3	0.5			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 III Short



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Scaled Data Report

REPORT NUMBER: P1203495
CATALOG NUMBER: GWC-SB2C-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	*1493.3*	1493.3	1493.3
2.5°	1477.8	1486.3	1484.1	1480.6	1479.9	1481.3	1483.4	1485.6	*1484.8*	1488.4	1494.0
5°	1473.5	1482.0	1481.3	1481.3	1484.1	1489.8	1493.3	1496.9	*1493.3*	1497.6	1505.4
7.5°	1476.4	1482.7	1485.6	1488.4	1495.5	1506.1	1514.6	1522.3	*1518.1*	1523.0	1533.0
10°	1512.4	1517.4	1520.2	1520.2	1525.2	1537.2	1545.7	1559.8	*1556.3*	1564.1	1576.8
12.5°	1578.2	1583.2	1583.2	1580.3	1583.9	1591.7	1594.5	1610.1	*1603.7*	1616.4	1629.2
15°	1658.9	1668.8	1661.0	1656.0	1657.5	1665.2	1664.5	1676.6	*1670.2*	1680.8	1692.1
17.5°	1748.0	1760.7	1748.0	1747.3	1744.5	1753.0	1753.7	1764.3	*1753.0*	1760.7	1768.5
20°	1853.4	1871.1	1860.5	1864.0	1857.6	1861.2	1864.7	1880.3	*1862.6*	1868.3	1866.1
22.5°	2002.0	2023.2	2011.9	2025.3	2021.1	2018.2	2017.5	2045.1	*2017.5*	2019.6	1999.1
25°	2218.4	2243.9	2224.1	2242.5	2242.5	2251.7	2262.3	2297.7	*2251.7*	2238.2	2185.2
27.5°	2538.2	2563.6	2524.7	2536.1	2532.5	2555.2	2543.8	2631.6	*2582.0*	2560.1	2453.3
30°	2923.0	2968.3	2894.7	2891.9	2888.3	2924.4	2940.7	2998.7	*2948.5*	2926.5	2797.8
32.5°	3339.0	3386.4	3298.6	3273.2	3259.7	3281.7	3268.2	3314.9	*3280.2*	3246.3	3087.1
35°	3779.0	3825.7	3742.2	3692.7	3638.9	3592.9	3544.8	3556.8	*3524.3*	3472.7	3307.8
37.5°	4194.9	4280.5	4192.1	4139.0	4040.0	3950.2	3815.8	3759.9	*3729.4*	3682.1	3515.8
40°	4618.7	4667.5	4600.3	4555.0	4447.5	4306.7	4091.6	3973.5	*3932.5*	3886.5	3745.7
42.5°	4930.6	4977.3	4941.2	4910.1	4825.9	4662.5	4384.5	4236.7	*4177.2*	4125.6	4006.0
45°	5178.2	5212.9	5190.2	5201.6	5165.5	5007.0	4688.0	4518.9	*4457.4*	4394.4	4300.3
47.5°	5278.0	5314.7	5350.8	5418.0	5479.6	5362.9	5014.1	4824.5	*4759.4*	4695.1	4602.4
50°	5266.6	5304.1	5408.8	5551.7	5742.7	5703.8	5357.9	5149.9	*5089.8*	5016.2	4930.6
52.5°	5176.1	5218.5	5352.9	5590.6	5894.8	5959.2	5708.1	5485.9	*5429.3*	5341.6	5256.0
55°	4938.4	4963.9	5165.5	5502.2	5930.9	6137.5	6051.2	5843.9	*5787.3*	5664.9	5571.5
57.5°	4497.7	4534.5	4828.1	5263.8	5840.3	6258.4	6352.5	6220.2	*6165.8*	5989.6	5892.0
60°	3922.6	3981.3	4317.3	4863.4	5609.7	6257.7	6626.3	6590.2	*6544.9*	6309.4	6207.5
62.5°	3271.8	3339.7	3663.0	4297.5	5206.5	6080.2	6797.5	6900.0	*6876.7*	6604.3	6474.2
65°	2512.7	2559.4	2881.3	3565.3	4579.0	5698.9	6817.3	7111.6	*7115.8*	6828.6	6613.5
67.5°	*1673.0*	*1807.4*	*2086.8*	*2675.4*	*3738.6*	*5075.6*	*6643.3*	*7146.2*	*7187.3*	*6905.7*	*6543.5*
70°	816.3	993.2	1267.0	1738.8	2675.4	4119.9	6188.4	6861.8	*6953.1*	6680.7	6126.1
72.5°	338.8	396.1	545.4	858.1	1535.8	2780.1	5274.4	6090.8	*6259.8*	5919.6	5150.6
75°	228.5	247.6	312.0	440.0	699.6	1371.0	3803.7	4541.6	*4813.9*	4470.8	3654.5
77.5°	176.1	188.2	227.1	307.7	416.0	518.5	2035.9	2737.0	*2877.7*	2664.1	1901.5
80°	138.7	147.8	169.8	224.2	295.0	277.3	694.0	1240.1	*1321.4*	1108.5	611.2
82.5°	120.3	123.8	121.7	152.1	196.0	162.0	227.8	457.7	*505.1*	366.4	199.5
85°	87.0	96.9	101.2	94.1	104.0	82.1	93.4	162.0	*178.3*	159.2	112.5
87.5°	35.4	52.3	64.4	60.8	38.2	23.3	29.0	47.4	*54.5*	59.4	36.8
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: P1203495
CATALOG NUMBER: GWC-SB2C-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3	1493.3
2.5°	1494.8	1499.7	1503.2	1507.5	1510.3	1514.6	1523.0	1528.0	1528.7	1532.2	1531.5
5°	1508.2	1515.3	1523.0	1534.4	1547.1	1557.7	1574.0	1585.3	1589.5	1593.1	1592.4
7.5°	1537.2	1547.1	1561.2	1581.1	1599.4	1613.6	1633.4	1646.8	1660.3	1665.2	1665.9
10°	1580.3	1594.5	1615.0	1641.9	1661.7	1680.1	1700.6	1711.9	1725.4	1731.0	1733.9
12.5°	1634.1	1649.0	1675.8	1713.3	1731.7	1744.5	1751.5	1748.7	1751.5	1756.5	1757.9
15°	1695.7	1711.9	1742.3	1782.7	1795.4	1784.1	1768.5	1754.4	1752.2	1753.7	1758.6
17.5°	1768.5	1780.5	1815.9	1849.9	1840.7	1794.0	1760.0	1737.4	1726.1	1722.5	1727.5
20°	1870.4	1870.4	1899.4	1920.6	1859.1	1779.8	1726.8	1690.0	1666.7	1656.7	1654.6
22.5°	1994.2	1982.9	2001.3	1986.4	1855.5	1740.2	1666.7	1603.0	1567.6	1553.5	1551.3
25°	2151.2	2137.8	2132.8	2040.9	1830.1	1677.3	1557.7	1480.6	1449.5	1441.7	1443.1
27.5°	2388.2	2354.2	2289.9	2070.6	1783.4	1578.2	1430.4	1358.9	1341.2	1342.0	1344.1
30°	2703.7	2635.8	2478.0	2075.5	1707.0	1438.2	1300.2	1249.3	1240.8	1244.3	1256.4
32.5°	2995.9	2931.5	2670.5	2052.9	1589.5	1300.9	1183.5	1149.5	1136.8	1141.0	1146.7
35°	3225.1	3207.4	2848.7	2021.1	1445.2	1172.2	1078.8	1049.8	1025.0	1019.4	1023.6
37.5°	3441.5	3434.5	2982.4	1976.5	1302.3	1080.9	994.6	956.4	920.3	900.5	901.2
40°	3679.2	3672.1	3070.1	1907.9	1175.7	1001.7	918.9	868.7	824.1	788.1	791.6
42.5°	3946.6	3904.9	3111.9	1809.5	1068.2	934.5	857.4	789.5	730.8	697.5	699.6
45°	4238.8	4144.7	3111.2	1684.3	977.6	872.9	791.6	695.4	640.9	609.8	608.4
47.5°	4548.6	4373.9	3073.0	1545.7	889.9	805.0	689.7	616.2	580.1	561.0	556.7
50°	4868.4	4588.2	3007.9	1386.5	800.1	727.9	626.1	575.8	548.2	530.6	524.2
52.5°	5169.0	4782.8	2929.4	1206.1	708.8	652.9	597.8	558.9	529.8	510.0	501.6
55°	5448.4	4950.4	2818.3	1021.5	634.5	602.7	584.3	551.8	518.5	495.2	486.0
57.5°	5696.7	5059.4	2626.6	848.2	581.5	568.0	570.2	539.8	501.6	481.7	469.0
60°	5903.3	5139.3	2342.9	687.6	538.3	534.1	548.2	517.1	472.5	449.9	440.0
62.5°	6027.1	5137.9	1994.9	563.1	501.6	503.0	519.2	488.8	443.5	422.3	416.0
65°	6016.5	5012.0	1612.9	481.7	466.2	467.6	488.8	457.7	419.5	406.8	406.1
67.5°	*5803.6*	*4705.0*	*1237.3*	*428.7*	*427.3*	*433.6*	*458.4*	*436.5*	*404.6*	*403.2*	*405.3*
70°	5227.0	4067.6	891.3	386.2	387.0	396.1	428.7	423.0	396.9	399.7	399.0
72.5°	4191.4	3101.3	598.5	341.7	342.4	357.2	400.4	412.4	389.1	426.6	432.2
75°	2791.4	1934.0	384.8	294.3	295.0	314.1	375.6	391.9	367.9	425.2	428.7
77.5°	1341.2	869.4	278.7	247.6	247.6	265.3	324.7	350.9	313.4	330.4	302.8
80°	463.4	326.8	219.3	199.5	195.2	207.3	273.8	304.2	270.2	249.0	233.4
82.5°	182.5	169.8	176.1	154.9	140.8	148.6	212.9	251.1	198.8	179.7	179.0
85°	104.7	110.4	124.5	102.6	81.4	91.3	156.3	180.4	150.0	132.3	135.1
87.5°	28.3	38.9	57.3	53.1	36.8	38.9	74.3	99.7	86.3	66.5	68.6
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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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

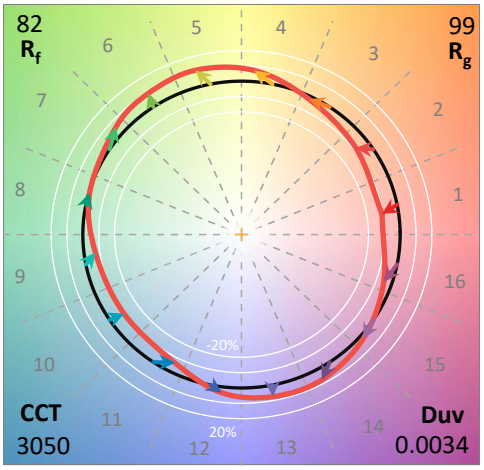
Test Information

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

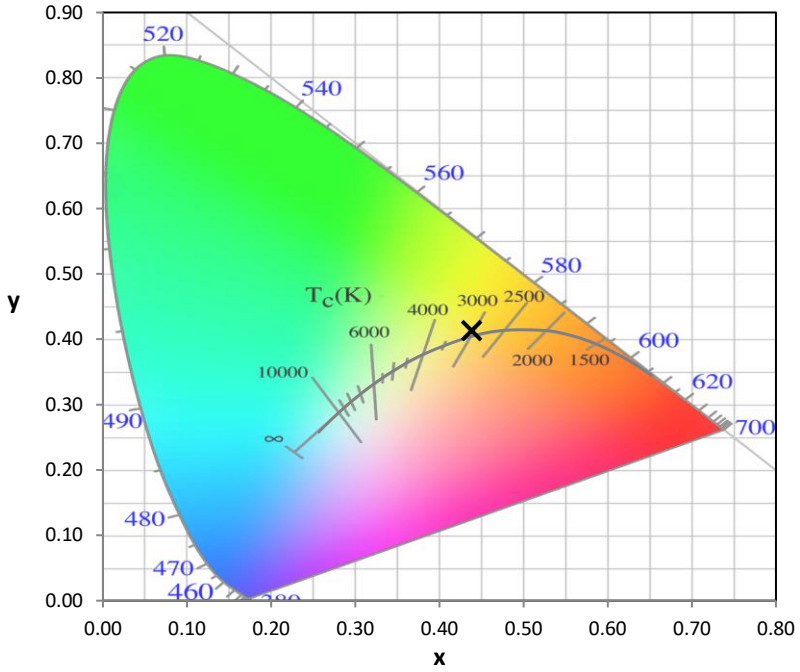
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

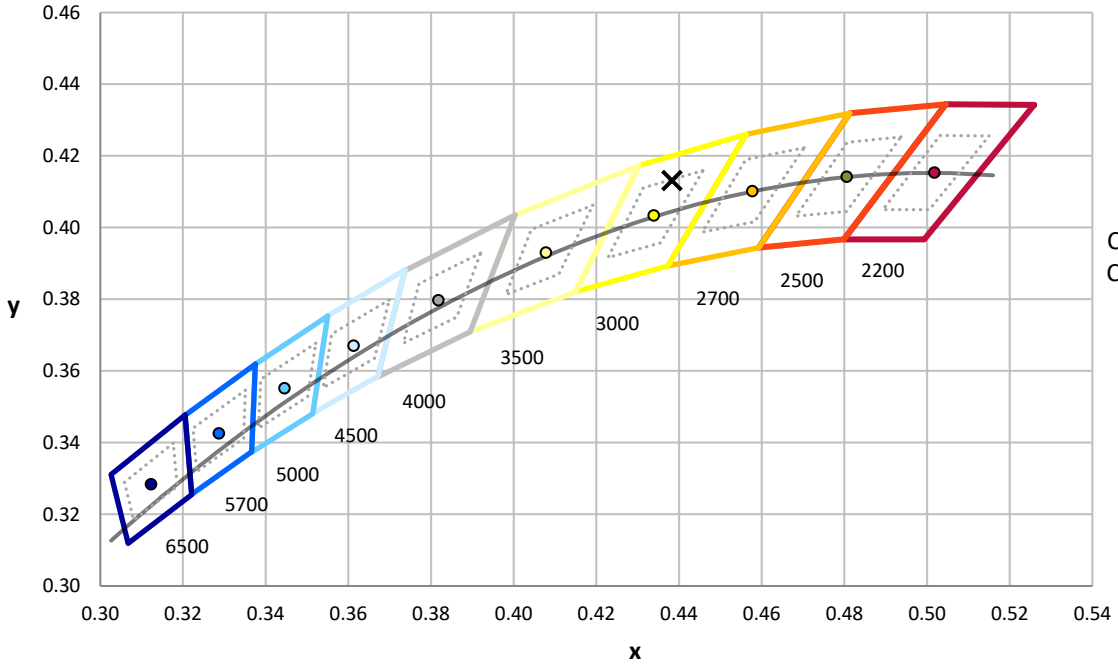
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

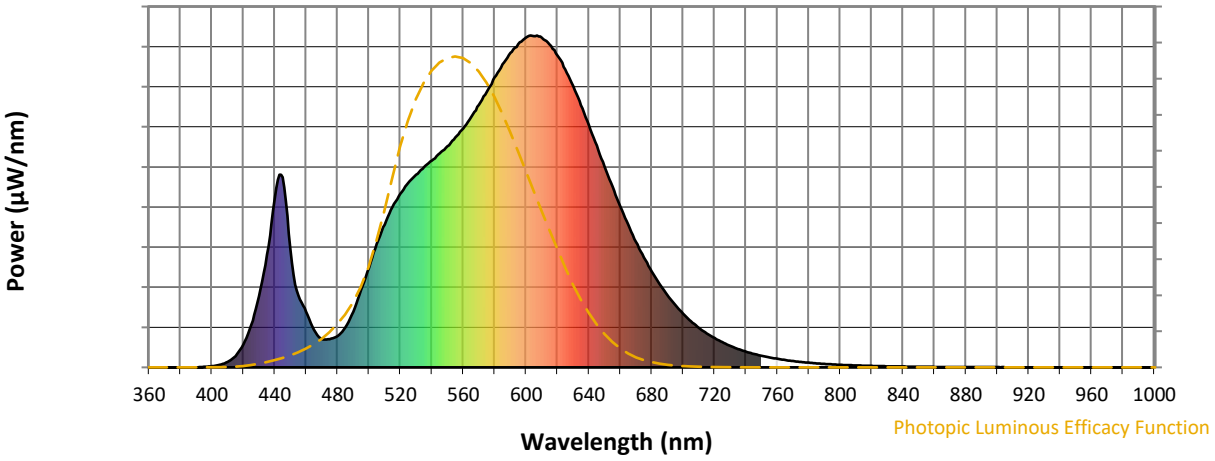


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

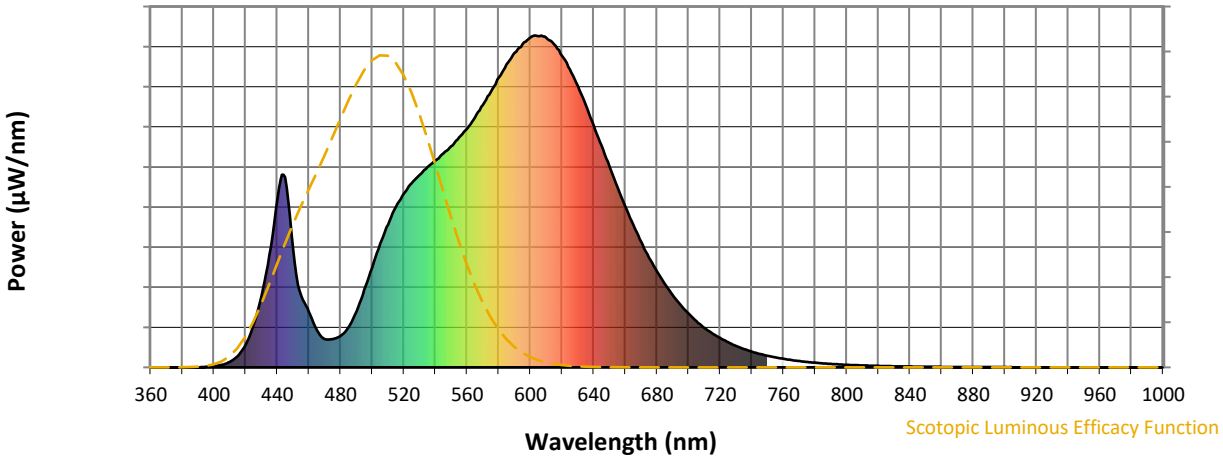


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

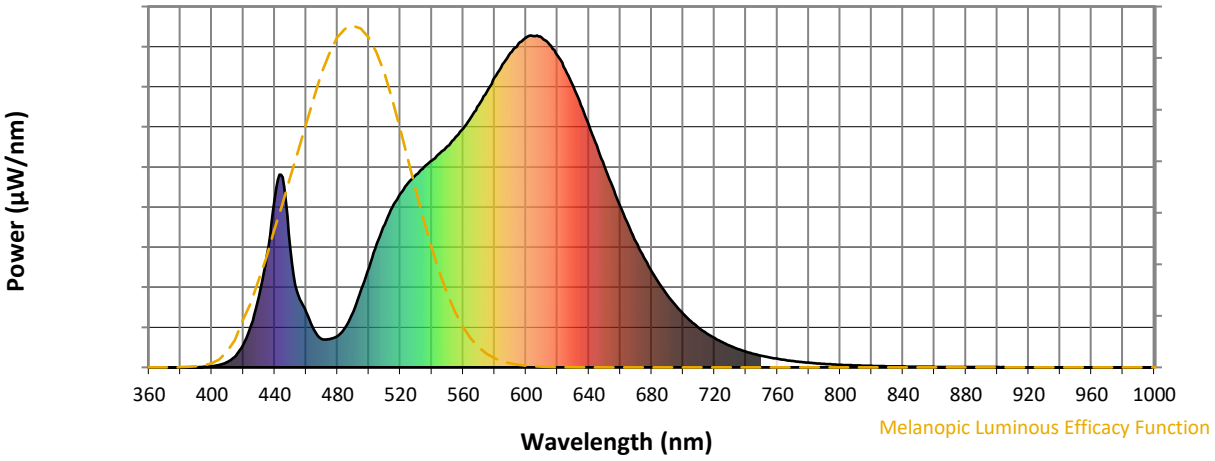


Scotopic Lumens: NR **S/P: 1.27**

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			

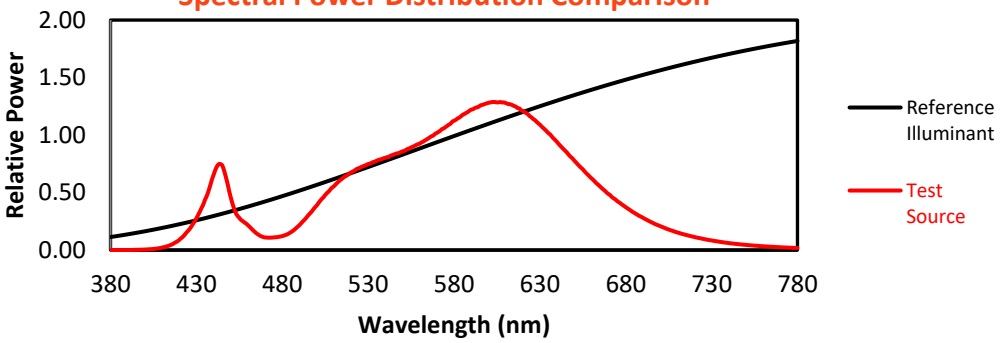
REPORT NUMBER: SP1-2408-195-9

TM-30-18

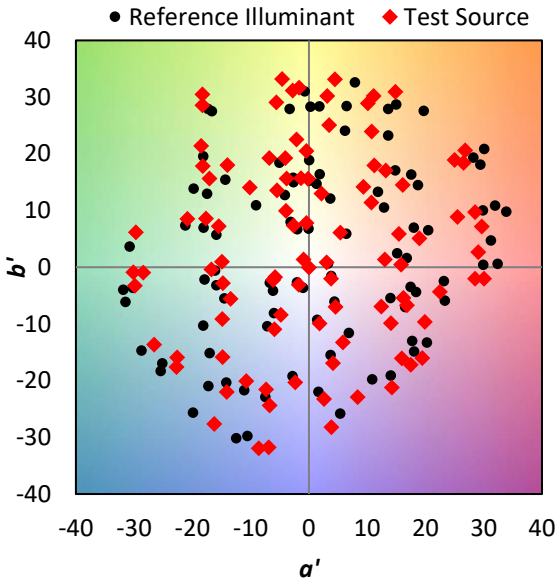
Summary

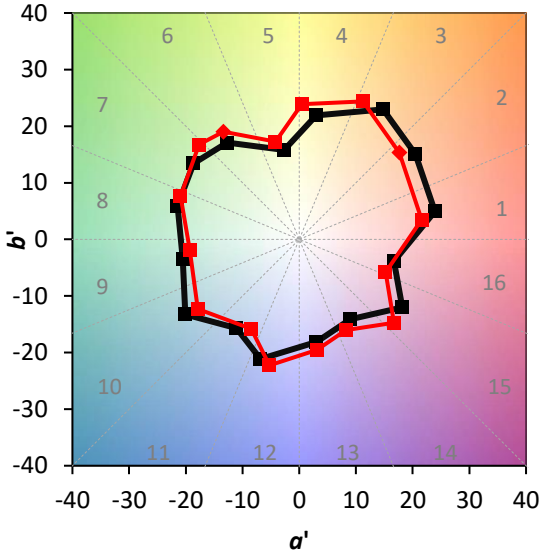
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

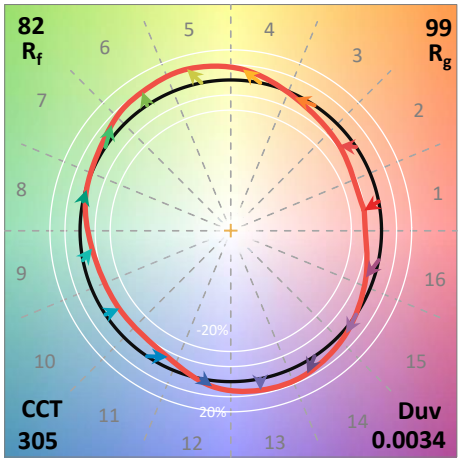
Spectral Power Distribution Comparison

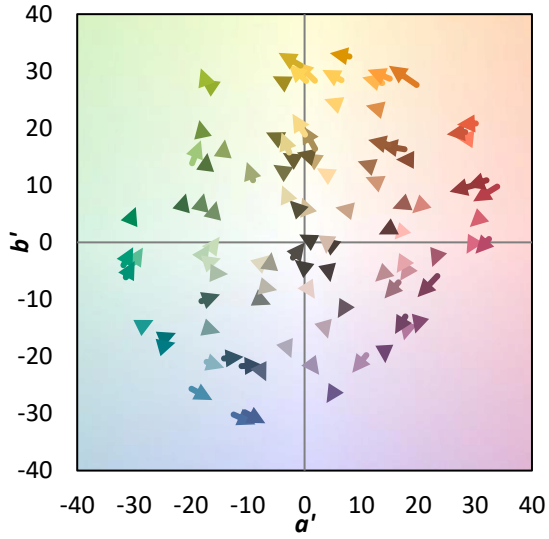


Color Vector Graphics







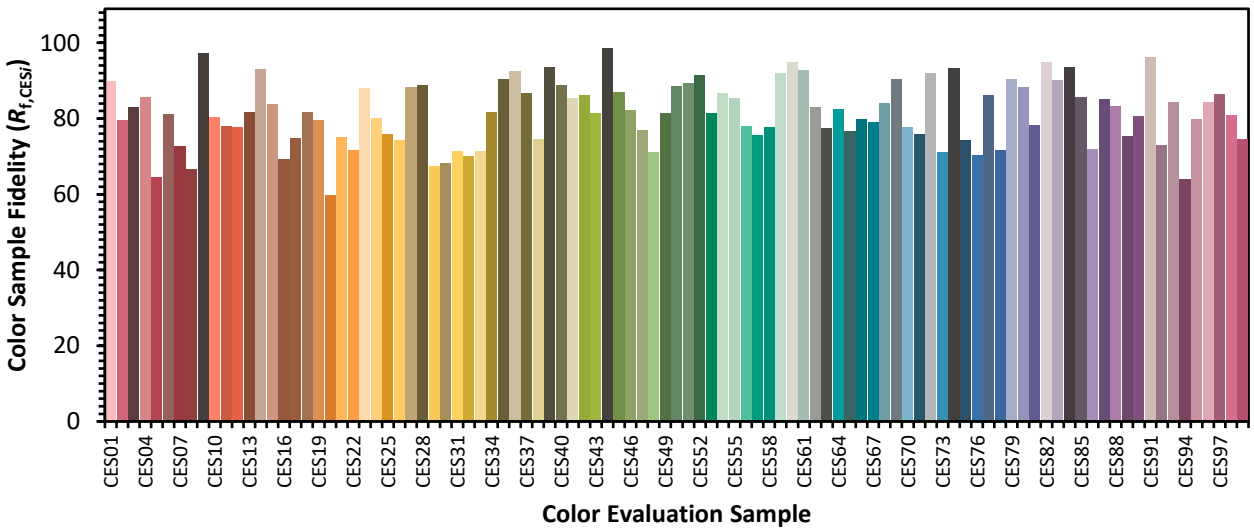


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

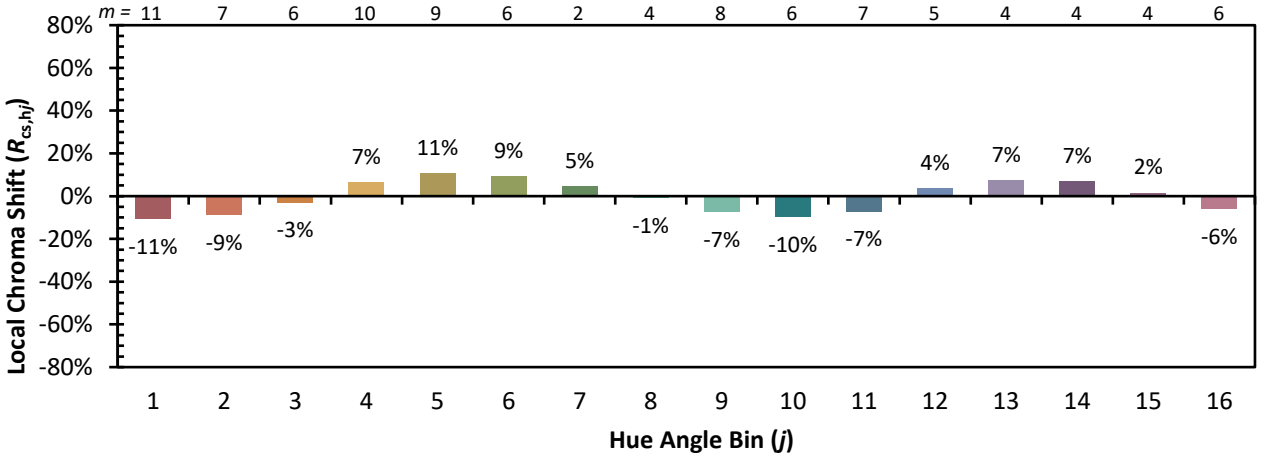
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

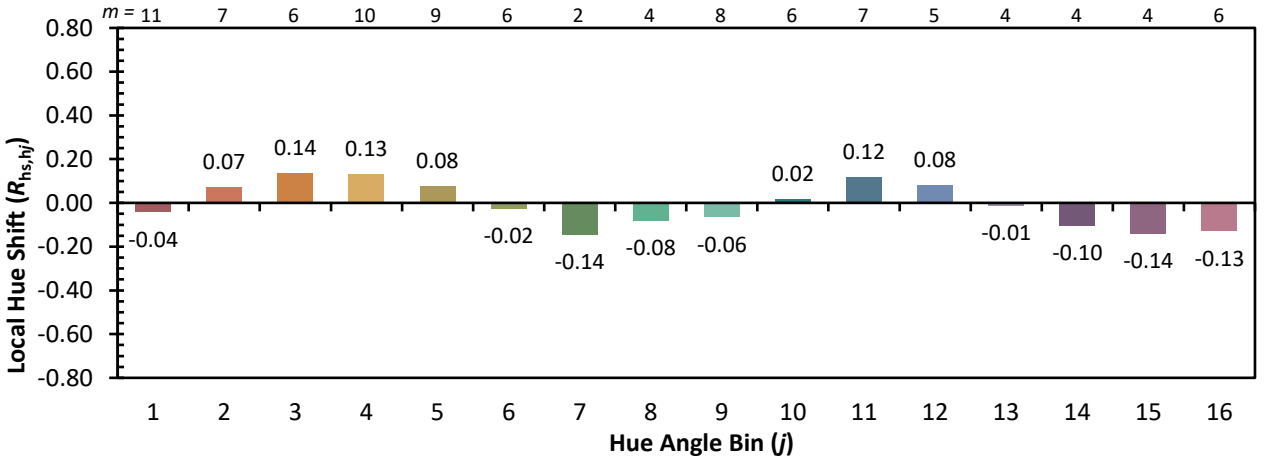


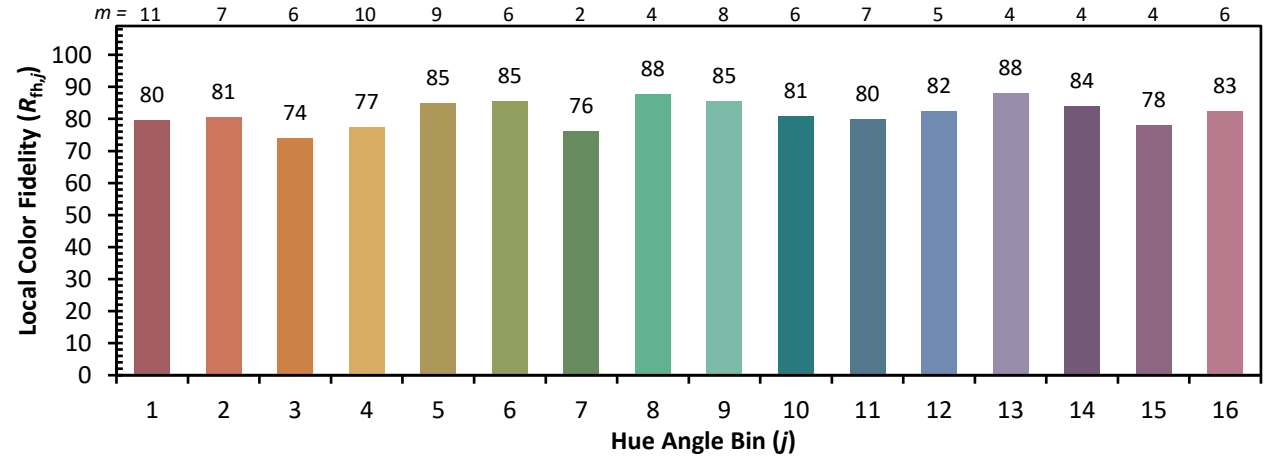
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



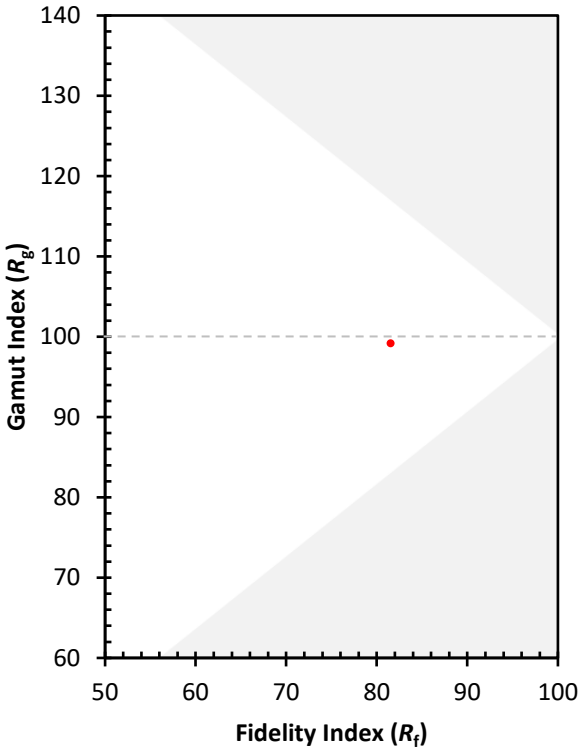


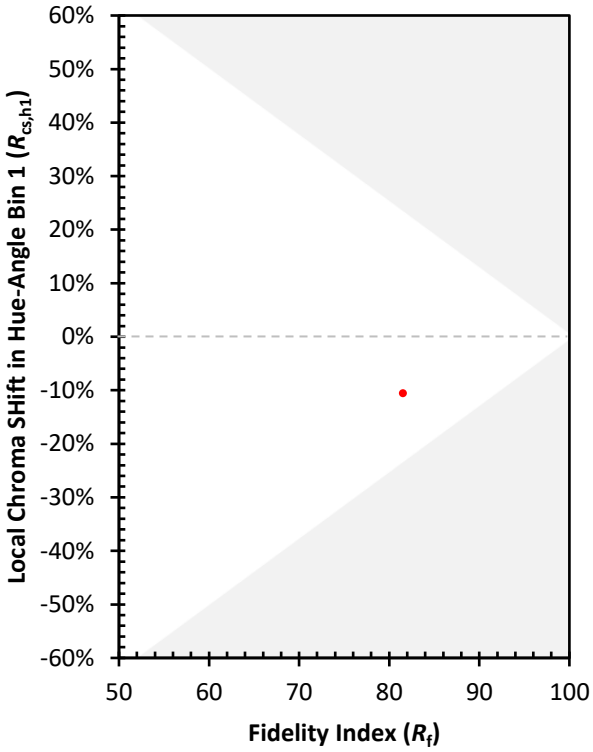


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





(END OF REPORT)