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: P1501146

Luminaire Tested: GSS-SB4B-830-U-T3LG

Issue Date: 07/20/2026

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:	P1501146
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20126.7 lumens
Efficiency:	N/A
Efficacy:	136.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

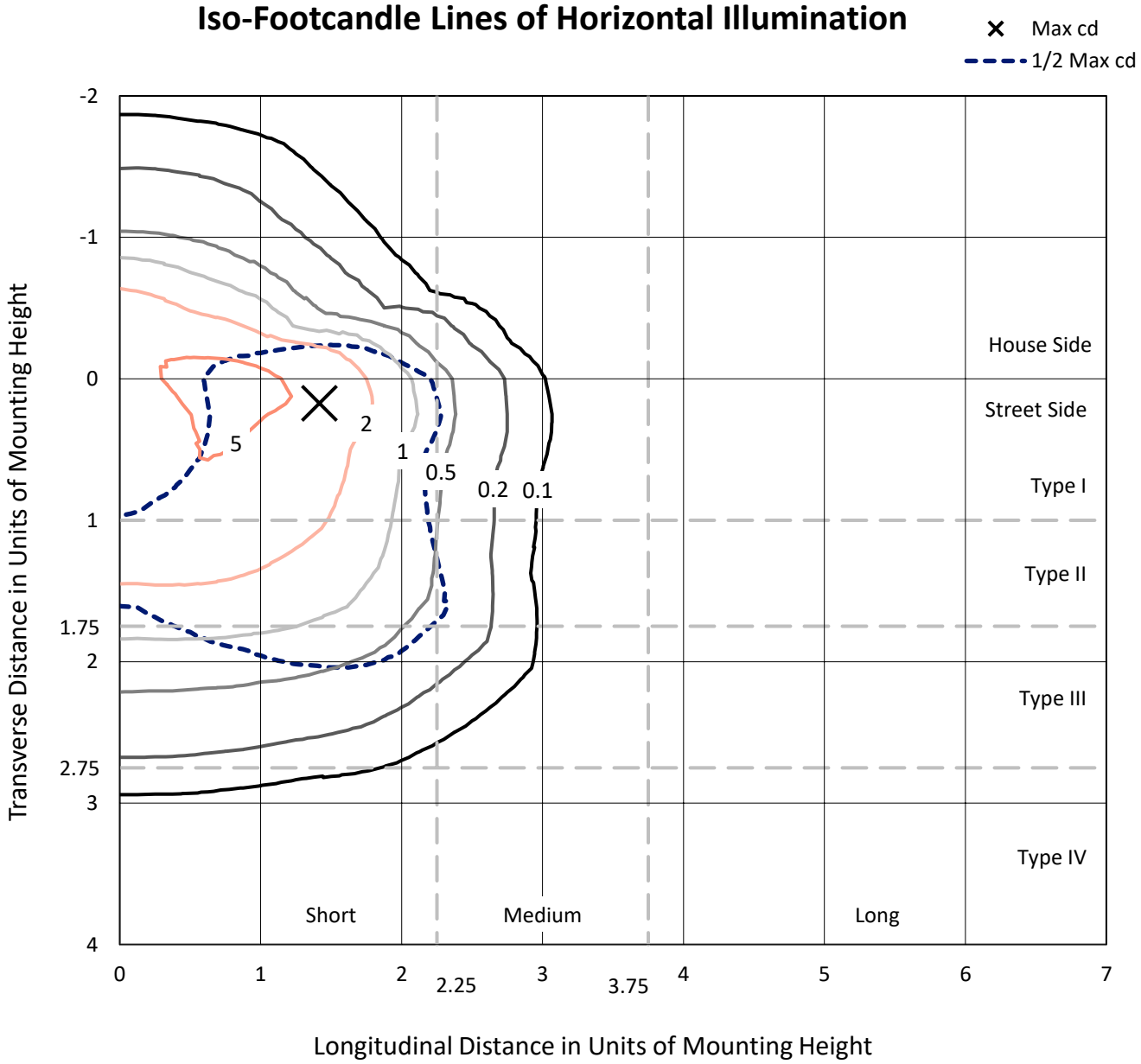
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501146
CATALOG NUMBER: GSS-SB4B-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



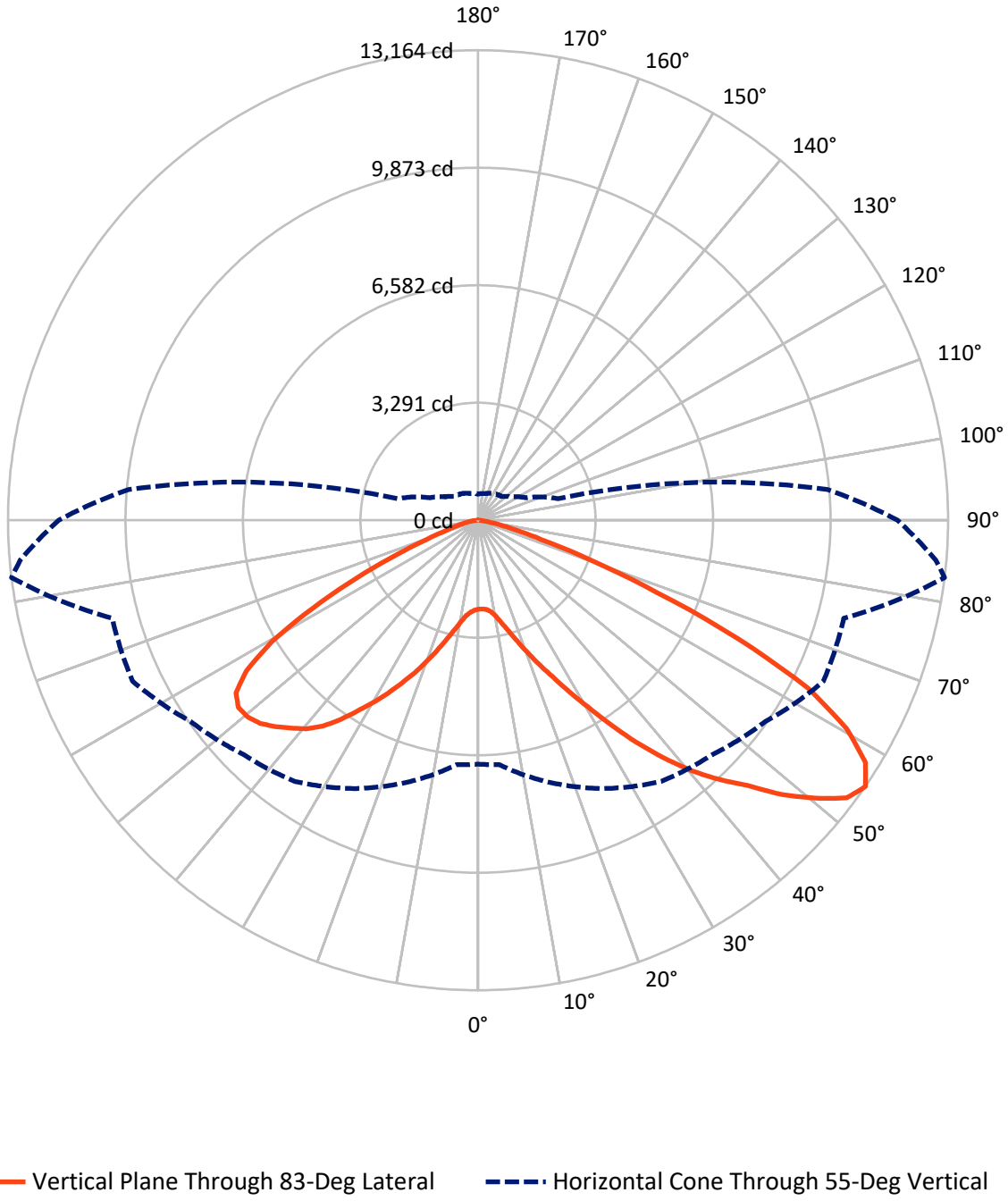
Based on 25 foot mounting height. Maximum calculated value = 6.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1501146
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Luminous Intensity Polar Plot



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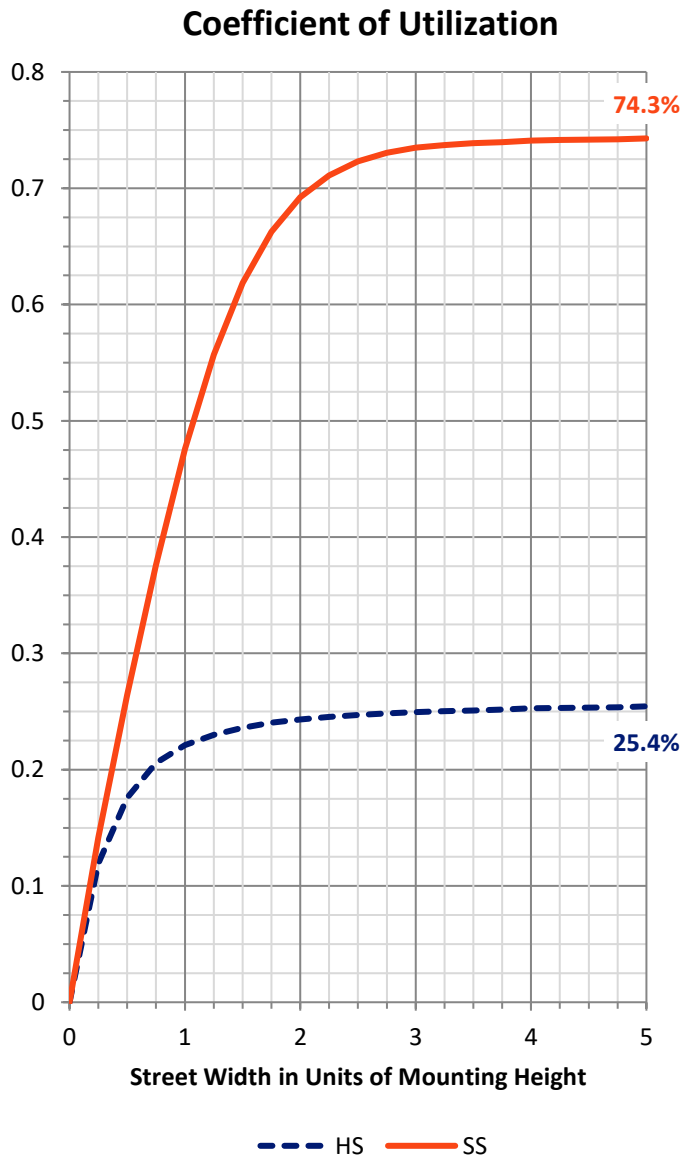
REPORT NUMBER: P1501146
CATALOG NUMBER: GSS-SB4B-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5164.9	0.0	5164.9
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	14961.7	0.0	14961.7
	% Fixture	74.3	0.0	74.3
Total	Lumens	20126.7	0.0	20126.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.7	1.2
10°-20°	784.2	3.9
20°-30°	1570.0	7.8
30°-40°	2793.3	13.9
40°-50°	4209.4	20.9
50°-60°	5129.4	25.5
60°-70°	4147.8	20.6
70°-80°	1136.1	5.6
80°-90°	115.7	0.6
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°	20126.7	100.0
0°-180°	20126.7	100.0



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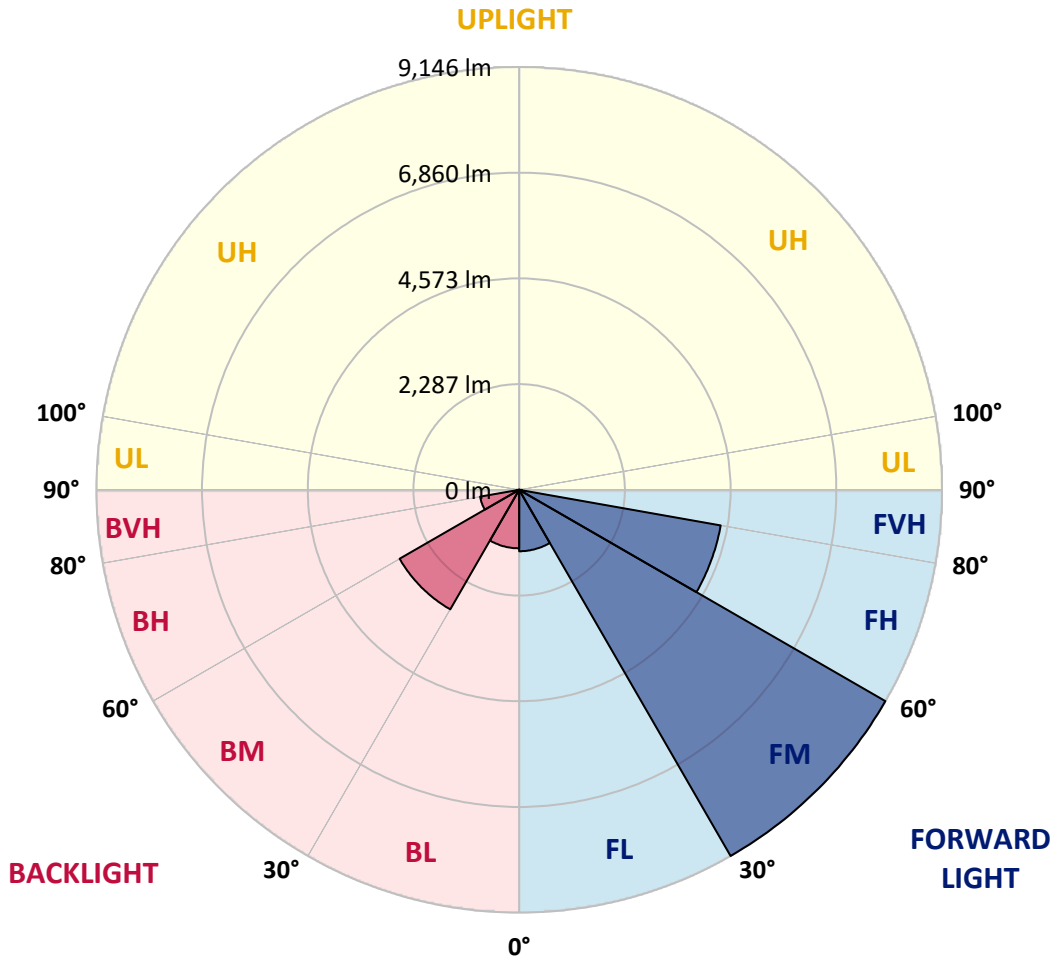
Scaled Data Report

REPORT NUMBER: P1501146
CATALOG NUMBER: GSS-SB4B-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1328.9	6.6			
FM	(30°-60°)	9146.2	45.4			
FH	(60°-80°)	4426.4	22.0			G2/5000
FVH	(80°-90°)	60.3	0.3			G1/100
BL	(0°-30°)	1266.0	6.3	B3/2500		
BM	(30°-60°)	2985.9	14.8	B3/5000		
BH	(60°-80°)	857.5	4.3	B2/1000		G2/1000
BVH	(80°-90°)	55.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	*2491.5*	2491.5
2.5°	2419.9	2415.4	2411.0	2406.5	2415.4	2428.8	2442.3	2451.2	2473.6	*2491.5*	2482.5
5°	2227.6	2218.6	2227.6	2263.3	2294.7	2348.3	2402.0	2437.8	2487.0	*2509.4*	2518.3
7.5°	2057.6	2048.6	2057.6	2102.3	2156.0	2241.0	2352.8	2442.3	2531.7	*2585.4*	2594.3
10°	2057.6	2062.1	2062.1	2080.0	2106.8	2191.8	2326.0	2495.9	2652.5	*2728.5*	2746.4
12.5°	2124.7	2124.7	2124.7	2147.0	2164.9	2232.0	2384.1	2594.3	2844.8	*2956.7*	2970.1
15°	2214.1	2209.7	2223.1	2236.5	2267.8	2334.9	2487.0	2737.5	3055.1	*3225.0*	3242.9
17.5°	2339.4	2330.4	2343.9	2375.2	2419.9	2495.9	2648.0	2934.3	3345.8	*3560.5*	3587.4
20°	2478.0	2473.6	2500.4	2549.6	2612.2	2706.2	2880.6	3171.4	3676.8	*3949.7*	3998.9
22.5°	2643.5	2634.6	2683.8	2773.3	2858.3	2965.6	3175.8	3480.0	4057.0	*4383.6*	4432.8
25°	2831.4	2831.4	2898.5	3005.9	3135.6	3327.9	3538.2	3873.6	4504.3	*4853.2*	4929.3
27.5°	3140.1	3162.4	3189.3	3301.1	3484.5	3743.9	3967.6	4347.8	4991.9	*5430.2*	5457.1
30°	3641.0	3632.1	3676.8	3752.9	3904.9	4177.8	4513.3	4920.3	5609.2	*6069.9*	6137.0
32.5°	4092.8	4106.2	4168.8	4312.0	4495.4	4728.0	5130.5	5631.5	6280.1	*6812.4*	6843.7
35°	4549.1	4558.0	4678.8	4893.5	5166.3	5425.8	5864.1	6356.1	7009.2	*7639.9*	7724.9
37.5°	5188.7	5179.7	5300.5	5483.9	5850.7	6253.3	6606.6	7076.3	7707.0	*8445.0*	8543.5
40°	5667.3	5716.5	5944.6	6177.2	6521.7	6937.6	7237.3	7680.2	8279.5	*9232.3*	9321.8
42.5°	6159.3	6199.6	6503.8	6852.7	7215.0	7496.8	7729.4	8140.9	8735.8	*9930.1*	9979.3
45°	6566.4	6620.1	6969.0	7411.8	7787.5	8073.8	8154.3	8539.0	9201.0	*10601.0*	10677.1
47.5°	6825.8	6884.0	7295.5	7814.4	8199.0	8503.2	8476.4	9017.6	9697.5	*11491.2*	11464.3
50°	7004.7	7040.5	7487.8	8042.5	8543.5	8744.7	8861.0	9558.8	10207.4	*12238.2*	12139.8
52.5°	7134.5	7192.6	7599.6	8208.0	8735.8	8999.7	9312.8	10185.0	10560.8	*12922.5*	12703.4
55°	*6830.3*	*6875.0*	*7590.7*	*8293.0*	*8932.6*	*9281.5*	*9827.2*	*10672.6*	*10605.5*	*13164.1*	*12868.9*
57.5°	6517.2	6553.0	7215.0	8270.6	9147.3	9630.4	10413.2	10735.2	10207.4	*12792.8*	12421.6
60°	6123.6	6150.4	6812.4	8033.5	9151.8	9903.2	10712.9	10279.0	9469.4	*11858.0*	11504.6
62.5°	5398.9	5398.9	6128.0	7393.9	8928.1	10041.9	10632.3	9415.7	8480.8	*10386.3*	9898.8
65°	4683.2	4651.9	5144.0	6253.3	8333.2	10006.1	10028.5	8324.3	6946.6	*8011.2*	7631.0
67.5°	3904.9	3909.4	4200.2	5076.9	6749.8	9259.1	8753.7	6432.2	4839.8	*5394.5*	5197.6
70°	2643.5	2710.6	3005.9	3685.8	5090.3	6561.9	6969.0	4356.7	3019.3	*3350.3*	3189.3
72.5°	1006.4	1019.8	1364.3	1932.3	3216.1	3945.2	4862.2	2437.8	1766.8	*1847.4*	1856.3
75°	424.9	442.8	581.5	814.1	1426.9	2151.5	2558.6	1234.6	1073.5	*1104.8*	1095.9
77.5°	286.3	295.2	353.4	438.4	644.1	863.3	1069.0	697.8	657.5	*617.3*	599.4
80°	214.7	214.7	255.0	295.2	362.3	442.8	465.2	353.4	393.6	*326.5*	317.6
82.5°	138.7	147.6	161.0	174.4	205.8	219.2	187.9	192.3	228.1	*170.0*	161.0
85°	67.1	71.6	76.0	80.5	80.5	76.0	67.1	85.0	116.3	*71.6*	67.1
87.5°	8.9	8.9	8.9	8.9	8.9	8.9	4.5	4.5	4.5	*4.5*	4.5
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: P1501146
CATALOG NUMBER: GSS-SB4B-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5	2491.5
2.5°	2495.9	2513.8	2527.3	2536.2	2558.6	2554.1	2567.5	2576.5	2585.4	2598.8	2580.9
5°	2540.7	2572.0	2607.8	2634.6	2661.4	2674.9	2679.3	2688.3	2692.8	2701.7	2697.2
7.5°	2639.1	2674.9	2728.5	2755.4	2777.7	2777.7	2764.3	2759.8	2746.4	2755.4	2755.4
10°	2804.6	2858.3	2916.4	2920.9	2894.0	2862.7	2813.5	2786.7	2750.9	2742.0	2733.0
12.5°	3046.1	3117.7	3162.4	3131.1	3037.2	2920.9	2791.2	2670.4	2576.5	2536.2	2527.3
15°	3319.0	3408.4	3417.4	3327.9	3157.9	2876.1	2603.3	2469.1	2419.9	2419.9	2415.4
17.5°	3694.7	3757.3	3721.5	3506.8	3126.6	2665.9	2469.1	2446.7	2460.2	2478.0	2478.0
20°	4088.3	4159.9	4012.3	3632.1	2934.3	2540.7	2482.5	2500.4	2531.7	2549.6	2545.1
22.5°	4558.0	4593.8	4307.5	3636.6	2728.5	2509.4	2509.4	2531.7	2554.1	2580.9	2580.9
25°	5041.1	5027.7	4580.4	3471.1	2612.2	2500.4	2491.5	2509.4	2518.3	2531.7	2527.3
27.5°	5582.3	5510.7	4790.6	3207.1	2576.5	2473.6	2428.8	2411.0	2419.9	2433.3	2437.8
30°	6204.1	6034.1	4960.6	3041.6	2563.0	2411.0	2303.6	2254.4	2245.5	2263.3	2263.3
32.5°	6924.2	6557.4	5063.4	3019.3	2549.6	2299.1	2156.0	2062.1	2044.2	2053.1	2075.5
35°	7662.3	7188.1	5036.6	3077.4	2554.1	2209.7	1999.4	1874.2	1856.3	1865.2	1887.6
37.5°	8436.1	7787.5	4933.7	3166.9	2518.3	2088.9	1856.3	1704.2	1677.4	1695.3	1704.2
40°	9035.5	8293.0	4678.8	3202.7	2455.7	1936.8	1690.8	1561.1	1489.5	1485.0	1507.4
42.5°	9590.1	8691.1	4401.4	3144.5	2326.0	1775.8	1520.8	1391.1	1279.3	1194.3	1194.3
45°	10144.8	9093.6	4119.6	2979.0	2111.3	1605.8	1341.9	1167.5	1037.7	975.1	979.6
47.5°	10699.4	9482.8	3784.2	2728.5	1896.6	1426.9	1149.6	1010.9	921.4	872.2	872.2
50°	11213.8	9764.6	3354.8	2330.4	1650.5	1248.0	1015.4	934.9	867.8	823.0	814.1
52.5°	11665.6	9952.4	2773.3	1847.4	1382.2	1046.7	943.8	881.2	832.0	782.8	769.4
55°	*11746.1*	*9827.2*	*2321.5*	*1485.0*	*1140.6*	*939.3*	*890.1*	*836.5*	*769.4*	*747.0*	*733.6*
57.5°	11249.6	9165.2	1959.2	1252.4	975.1	863.3	845.4	782.8	729.1	706.7	693.3
60°	10404.2	7962.0	1619.2	1073.5	867.8	791.7	814.1	751.5	666.5	653.1	639.6
62.5°	8883.4	6213.0	1292.7	903.5	787.2	738.0	760.4	671.0	599.4	581.5	577.0
65°	6906.3	4446.2	1086.9	796.2	724.6	684.4	675.4	594.9	541.2	527.8	527.8
67.5°	4821.9	2826.9	908.0	729.1	644.1	617.3	612.8	559.1	523.3	509.9	509.9
70°	2952.2	1713.2	764.9	666.5	568.1	518.9	550.2	541.2	487.6	474.1	469.7
72.5°	1534.2	1024.3	671.0	612.8	478.6	442.8	492.0	496.5	451.8	469.7	465.2
75°	890.1	711.2	586.0	541.2	380.2	371.3	429.4	474.1	438.4	451.8	442.8
77.5°	509.9	456.2	451.8	442.8	299.7	304.2	384.7	424.9	375.7	389.2	357.8
80°	281.8	295.2	313.1	277.3	210.2	237.1	308.6	339.9	286.3	281.8	259.4
82.5°	147.6	183.4	210.2	178.9	120.8	143.1	210.2	210.2	183.4	174.4	170.0
85°	67.1	76.0	98.4	89.5	44.7	53.7	98.4	107.4	93.9	85.0	80.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	8.9	13.4	4.5	4.5	4.5
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

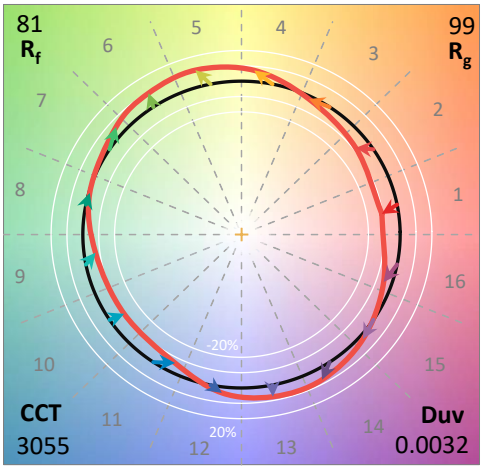
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

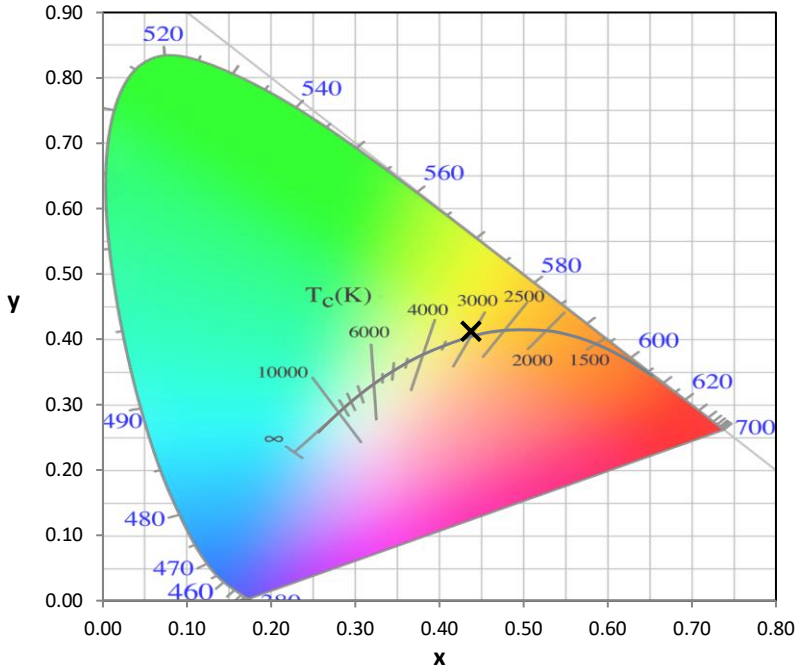
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

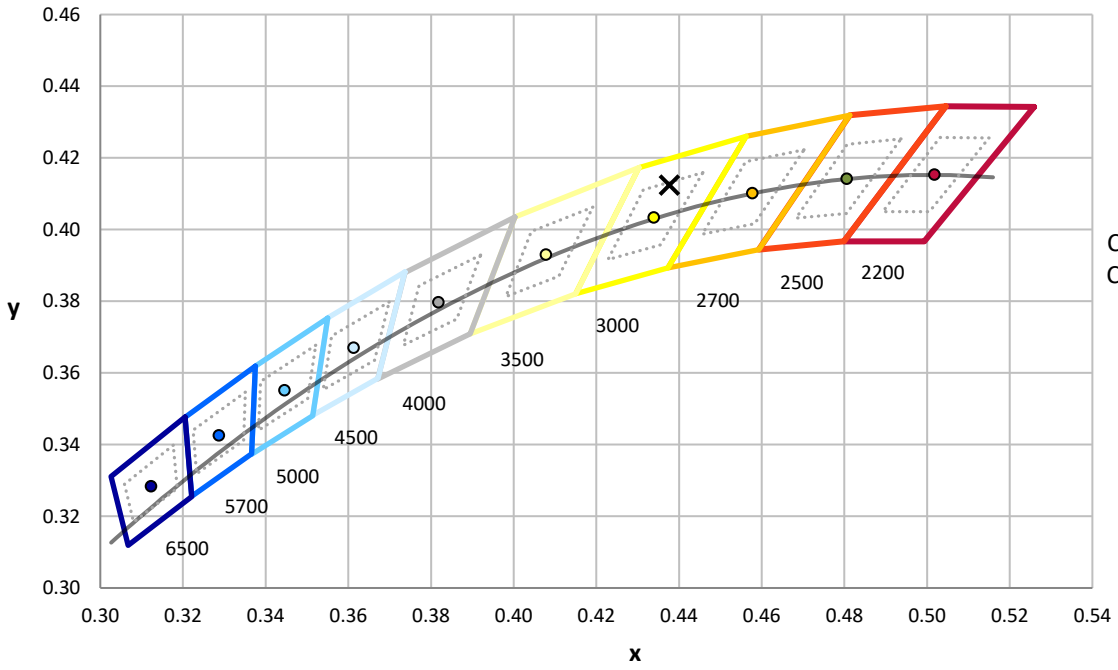
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

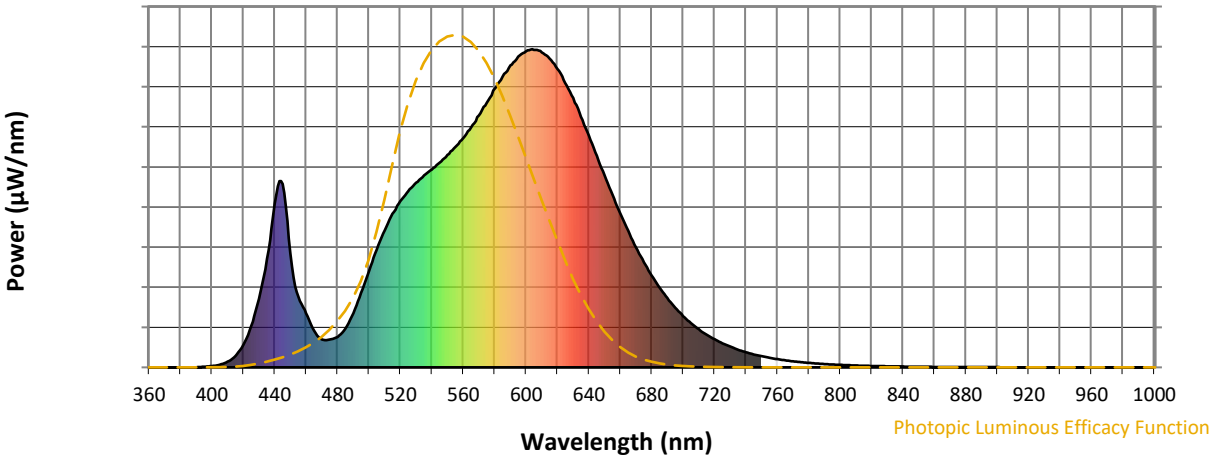


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

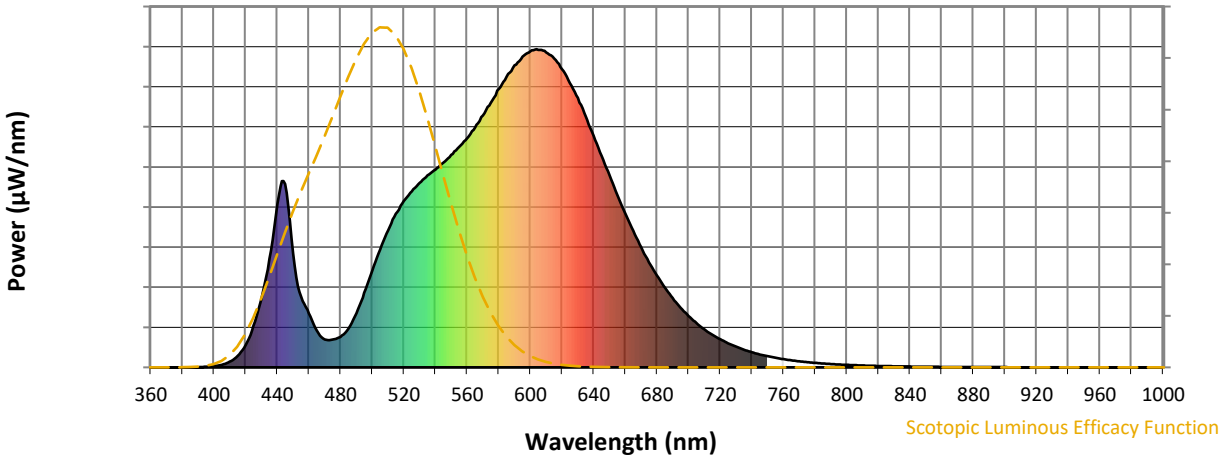


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

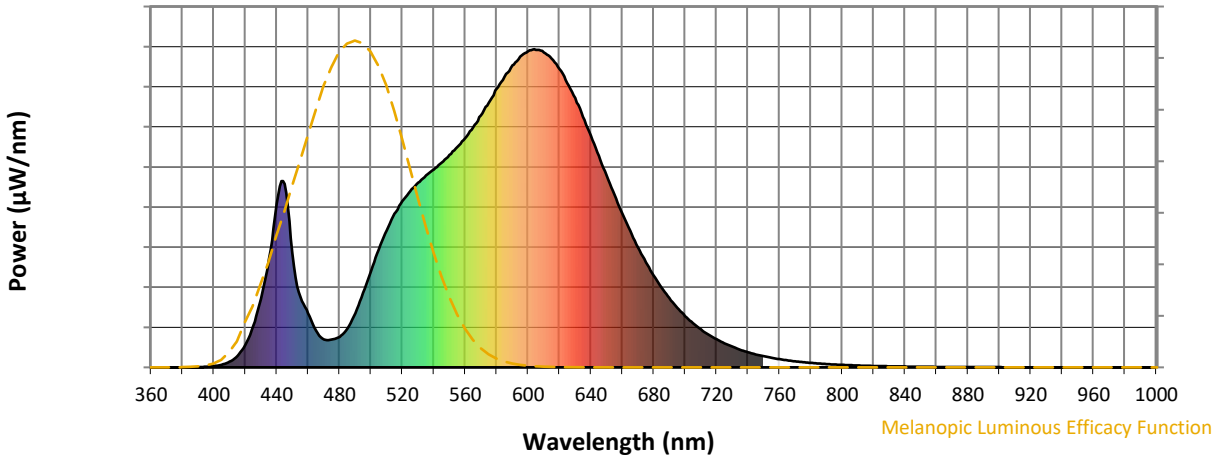


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

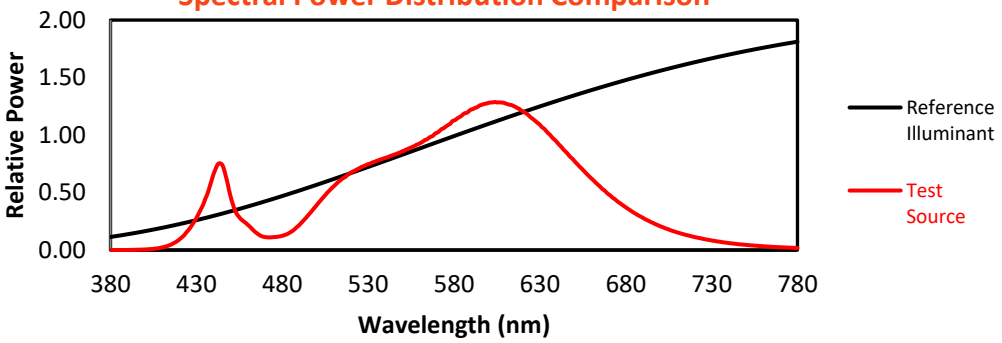
REPORT NUMBER: SP1-2407-184-9

TM-30-18

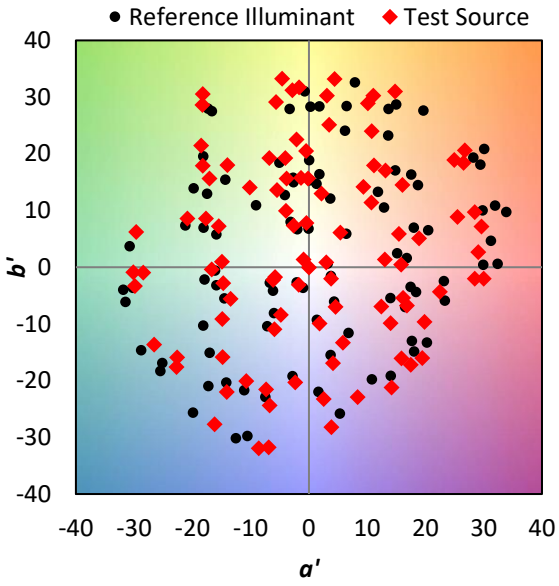
Summary

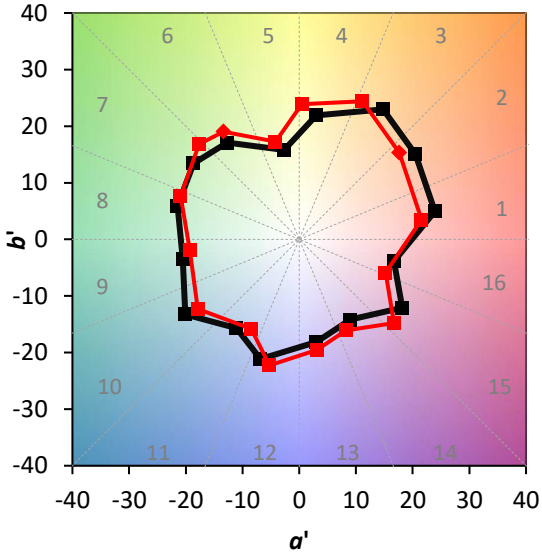
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

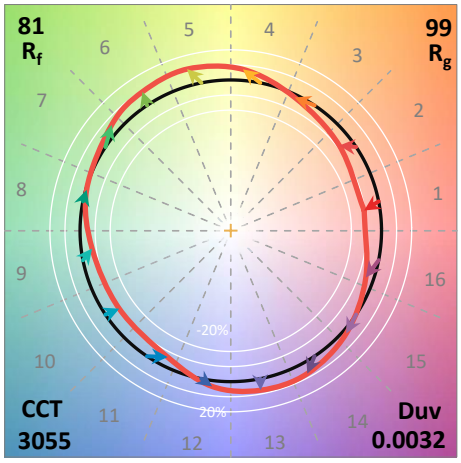
Spectral Power Distribution Comparison

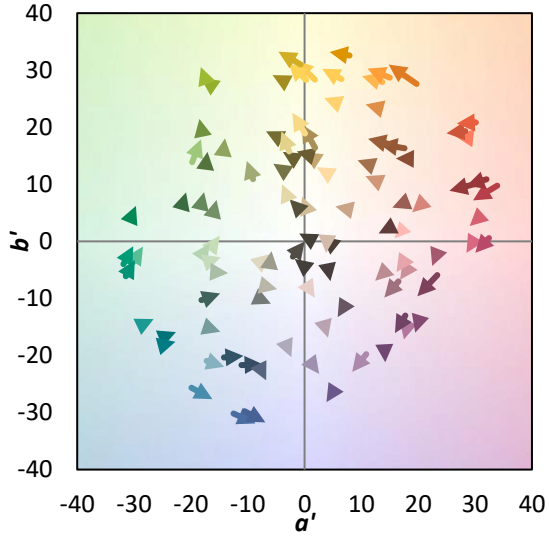


Color Vector Graphics







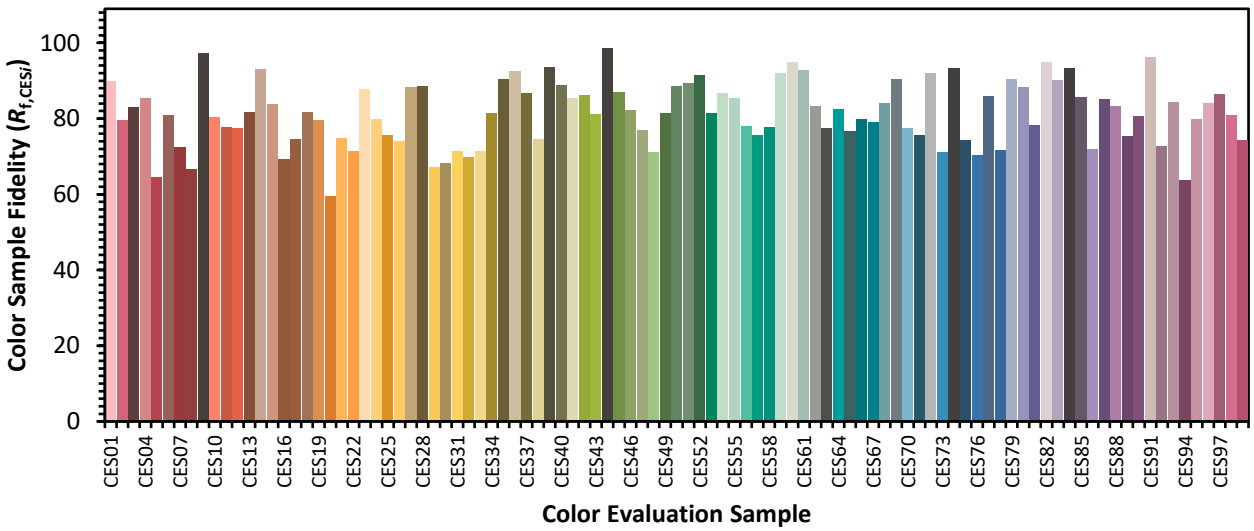


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

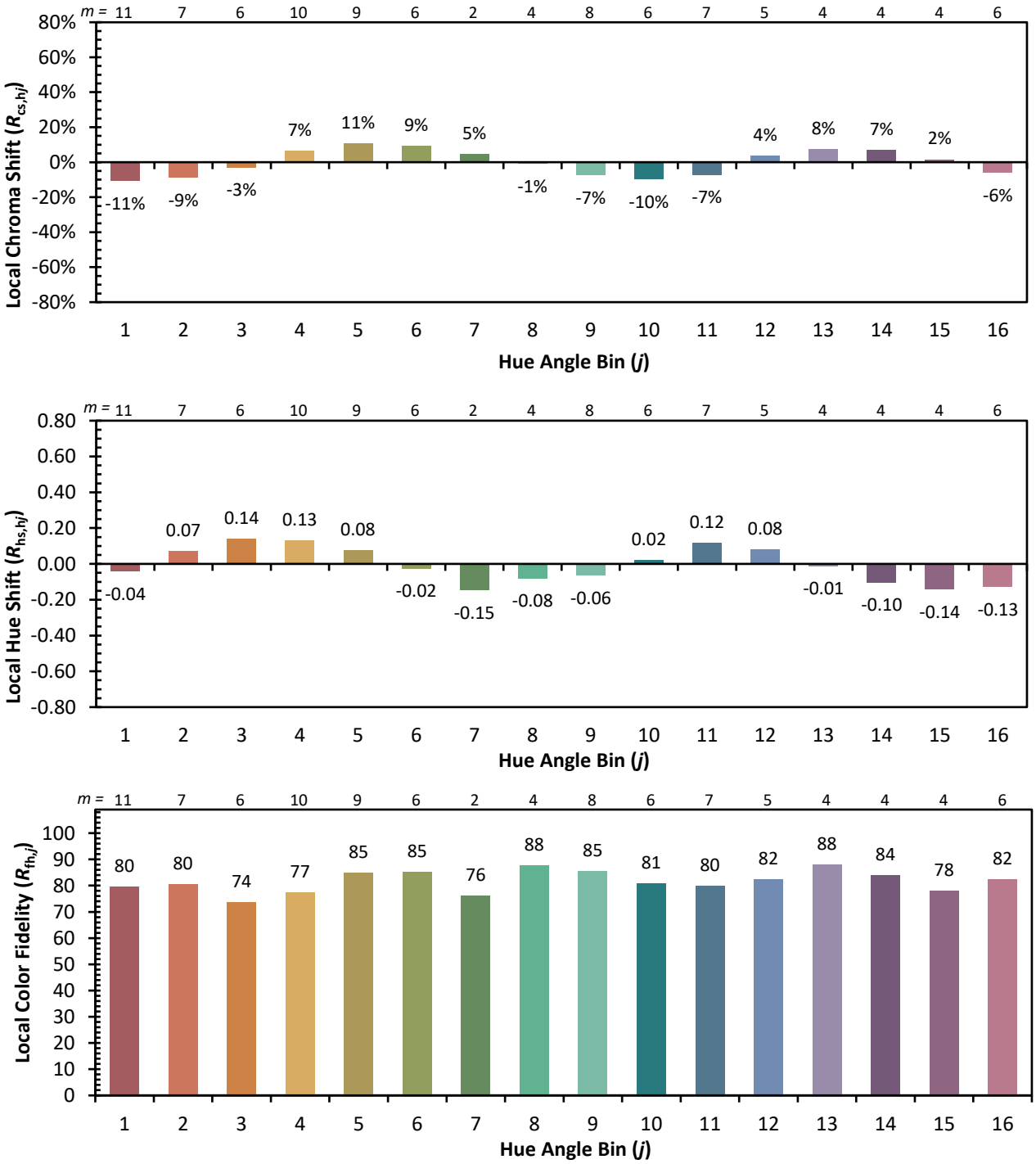
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
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 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	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: SP1-2407-184-9

TM-30-18

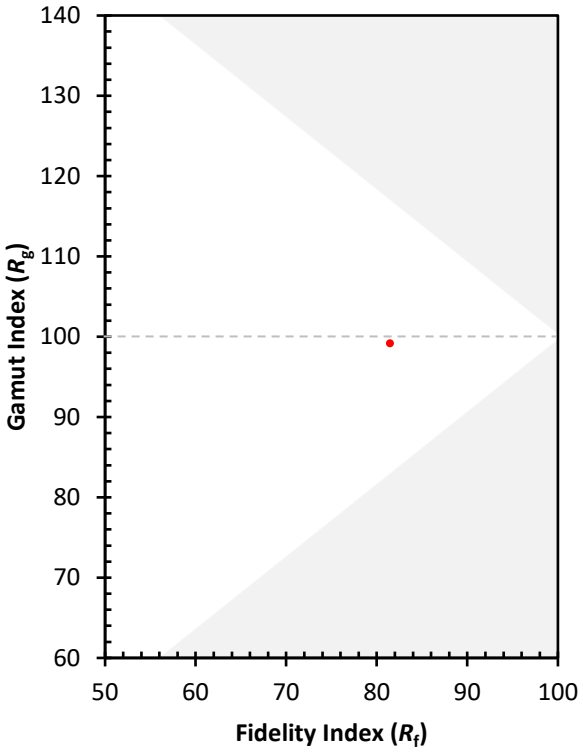
Color Rendition by Hue-Angle Bin

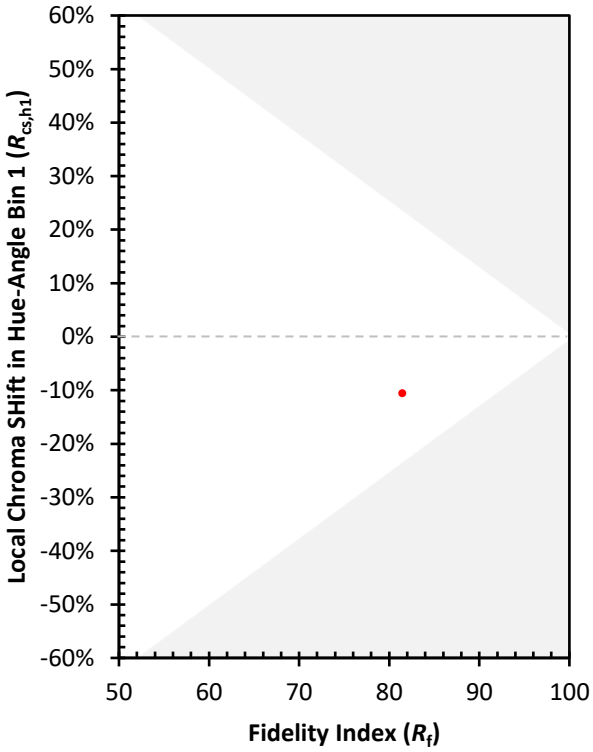


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)