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: P1500760

Luminaire Tested: GSS-SB3D-830-U-T4LG

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:	P1500760
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25760.7 lumens
Efficiency:	N/A
Efficacy:	117.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

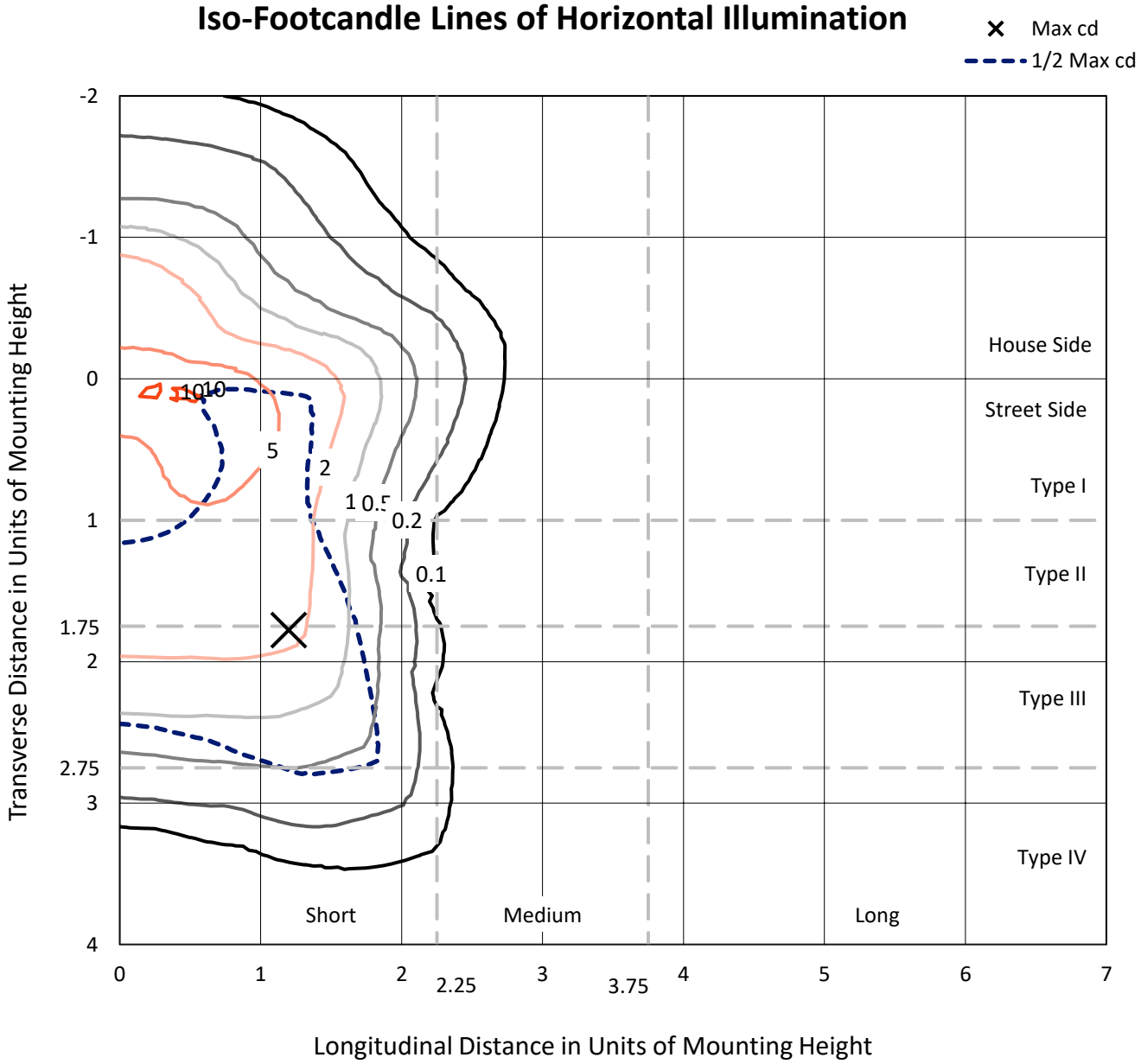
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500760
CATALOG NUMBER: GSS-SB3D-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



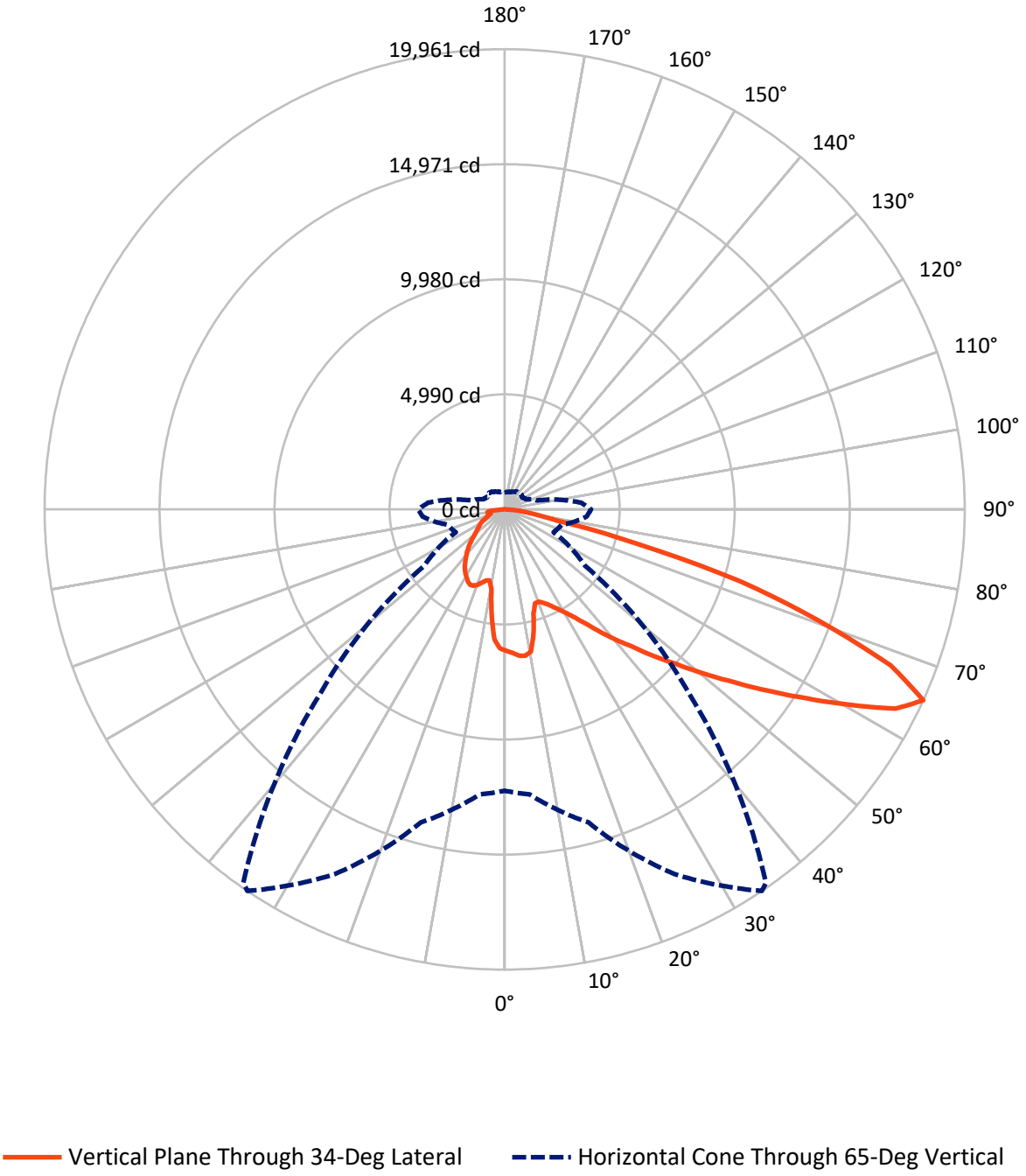
Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1500760
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Luminous Intensity Polar Plot



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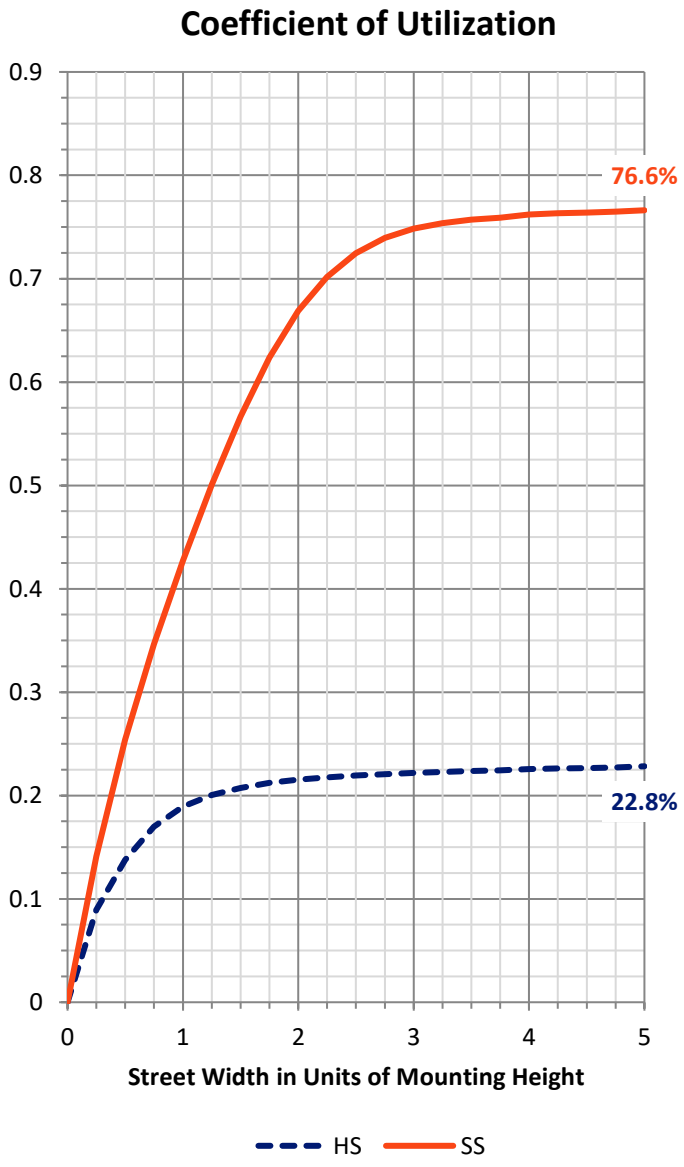
REPORT NUMBER: P1500760
CATALOG NUMBER: GSS-SB3D-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5993.4	0.0	5993.4
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	19767.3	0.0	19767.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	25760.7	0.0	25760.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	552.1	2.1
10°-20°	1389.7	5.4
20°-30°	2303.6	8.9
30°-40°	3464.4	13.4
40°-50°	4853.6	18.8
50°-60°	6119.5	23.8
60°-70°	5263.3	20.4
70°-80°	1564.8	6.1
80°-90°	249.7	1.0
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°	25760.7	100.0
0°-180°	25760.7	100.0



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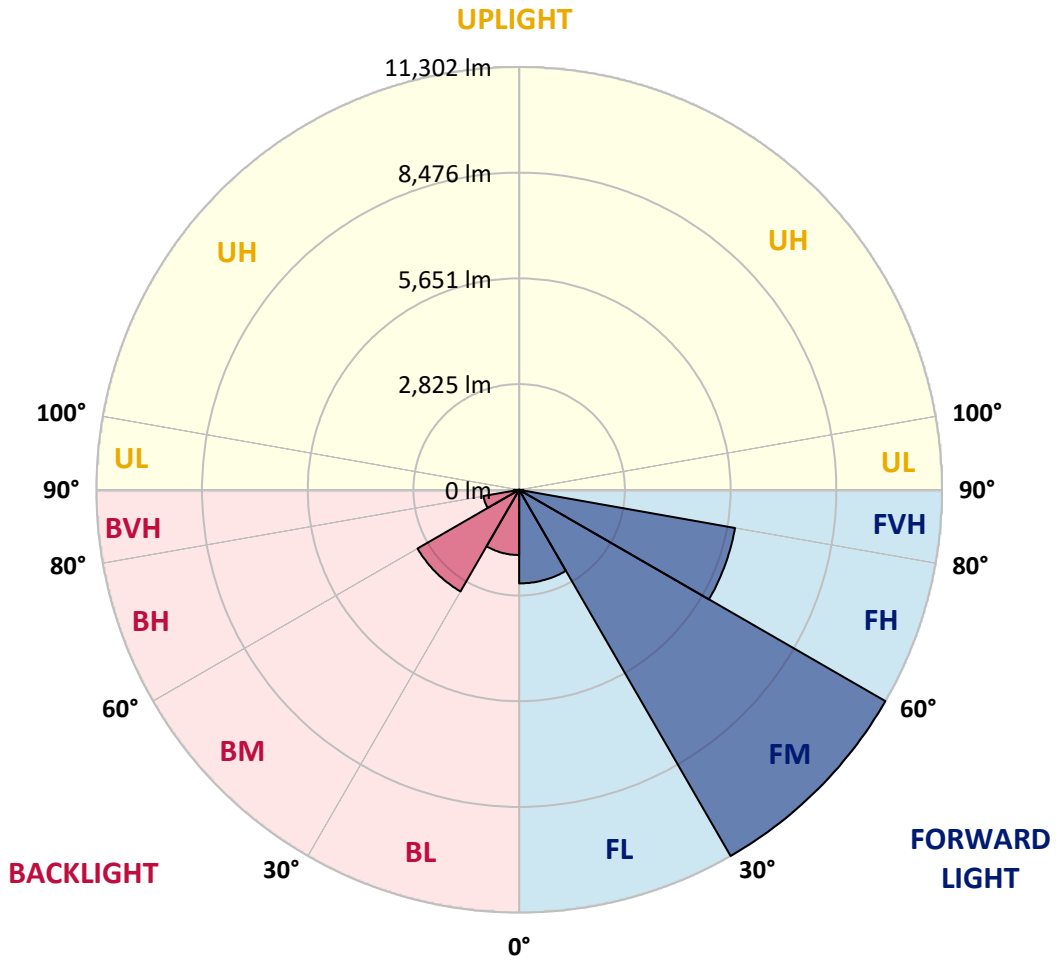
Scaled Data Report

REPORT NUMBER: P1500760
CATALOG NUMBER: GSS-SB3D-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2501.6	9.7			
FM	(30°-60°)	11302.0	43.9			
FH	(60°-80°)	5858.1	22.7			G3/7500
FVH	(80°-90°)	105.6	0.4			G2/225
BL	(0°-30°)	1743.8	6.8	B3/2500		
BM	(30°-60°)	3135.5	12.2	B3/5000		
BH	(60°-80°)	970.0	3.8	B2/1000		G2/1000
BVH	(80°-90°)	144.0	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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Scaled Data Report

REPORT NUMBER: P1500760
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7
2.5°	6241.4	6276.4	6235.5	6218.0	6223.9	6229.7	6200.5	6206.4	6171.4	6171.4	6142.2
5°	6375.5	6381.4	6358.0	6375.5	6369.7	6363.9	6363.9	6358.0	6282.2	6264.7	6235.5
7.5°	6299.7	6323.0	6334.7	6398.9	6416.4	6451.4	6474.7	6486.4	6428.0	6381.4	6305.5
10°	5605.6	5623.1	5757.2	6048.9	6270.5	6311.4	6527.2	6649.7	6608.8	6585.5	6457.2
12.5°	4479.8	4508.9	4660.6	5039.8	5558.9	5669.7	6358.0	6772.2	6865.5	6871.3	6684.7
15°	3995.6	3995.6	4042.3	4258.1	4678.1	4765.6	5780.6	6807.2	7139.7	7180.5	6953.0
17.5°	3896.5	3890.6	3919.8	4048.1	4269.8	4322.3	5115.6	6626.3	7466.3	7536.3	7244.6
20°	3890.6	3873.1	3931.5	4077.3	4269.8	4316.5	4806.4	6311.4	7723.0	7944.6	7536.3
22.5°	3896.5	3896.5	3978.1	4188.1	4409.8	4450.6	4864.8	6048.9	7932.9	8370.4	7845.5
25°	3960.6	3949.0	4065.6	4322.3	4625.6	4654.8	5103.9	6037.2	8113.8	8848.7	8218.8
27.5°	4065.6	4071.5	4229.0	4538.1	4882.3	4940.6	5436.4	6288.0	8335.4	9373.7	8580.4
30°	4287.3	4293.1	4479.8	4794.8	5191.4	5267.2	5821.4	6661.3	8650.4	9939.5	8971.2
32.5°	4538.1	4567.3	4794.8	5162.3	5588.1	5628.9	6293.9	7221.3	9122.9	10505.3	9391.2
35°	4958.1	4987.3	5243.9	5628.9	6101.4	6159.7	6871.3	7868.8	9700.4	11077.0	9717.9
37.5°	5500.6	5523.9	5774.7	6241.4	6743.0	6801.3	7513.0	8557.1	10283.7	11531.9	10009.5
40°	6148.0	6200.5	6468.9	6923.8	7431.3	7466.3	8212.9	9222.1	10913.6	11846.9	10126.2
42.5°	6853.8	6906.3	7180.5	7682.1	8148.8	8253.8	8971.2	9927.9	11426.9	11986.9	10032.8
45°	7758.0	7746.3	8002.9	8527.9	9076.2	9117.1	9782.0	10511.2	11736.1	11870.3	9939.5
47.5°	8854.6	8866.2	9029.6	9455.4	10021.2	10114.5	10627.8	11012.8	11916.9	11776.9	9834.5
50°	10091.2	10120.3	10260.3	10569.5	11176.1	11240.3	11391.9	11362.8	12027.8	11578.6	9875.4
52.5°	11327.8	11345.3	11531.9	11858.6	12447.7	12494.4	12161.9	11631.1	11613.6	10779.5	9787.9
55°	12342.7	12336.9	12669.4	13171.0	13888.5	13859.3	12920.2	11426.9	10318.7	9537.0	9397.0
57.5°	13223.5	13258.5	13690.2	14559.3	15463.4	15440.1	13731.0	10347.8	8428.8	8067.1	8761.2
60°	14016.8	14098.5	14909.3	16210.0	17207.5	17067.5	13876.8	8720.4	6556.3	6317.2	7501.3
62.5°	13672.7	13824.3	15125.1	17662.5	19033.2	18724.1	12978.5	6754.7	4439.0	4223.1	5302.2
65°	12202.7	12406.9	14057.7	17452.5	19960.7	19768.2	11345.3	4246.5	2339.1	2566.5	3569.8
67.5°	10248.7	10493.7	12278.6	15679.2	18059.1	17645.0	8813.7	2234.1	1090.8	1691.6	2216.6
70°	5617.2	6223.9	8877.9	13334.4	14466.0	13888.5	5098.1	1055.8	793.3	1055.8	1324.1
72.5°	2111.6	2257.4	3849.8	8965.4	10715.3	10003.7	1936.6	682.5	665.0	781.6	956.6
75°	1015.0	1084.9	1674.1	4077.3	5850.6	5453.9	950.8	507.5	571.6	612.5	694.1
77.5°	606.6	653.3	1044.1	2368.2	2304.1	2117.4	583.3	390.8	460.8	437.5	408.3
80°	361.6	402.5	635.8	1347.4	1388.3	1230.8	355.8	274.2	320.8	280.0	250.8
82.5°	210.0	227.5	332.5	606.6	880.8	810.8	204.2	163.3	233.3	186.7	140.0
85°	105.0	110.8	151.7	262.5	437.5	332.5	87.5	75.8	110.8	81.7	46.7
87.5°	23.3	23.3	23.3	29.2	40.8	40.8	11.7	5.8	5.8	5.8	5.8
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: P1500760
CATALOG NUMBER: GSS-SB3D-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7	6124.7
2.5°	6136.4	6148.0	6107.2	6060.5	6048.9	6013.9	6025.5	6002.2	5967.2	5973.0	5978.9
5°	6194.7	6171.4	6089.7	5984.7	5891.4	5786.4	5663.9	5523.9	5424.7	5383.9	5418.9
7.5°	6247.2	6223.9	6083.9	5850.6	5535.6	5098.1	4643.1	4229.0	3943.1	3838.1	3861.5
10°	6393.0	6299.7	6043.0	5535.6	4783.1	3954.8	3494.0	3237.3	3149.8	3103.2	3109.0
12.5°	6585.5	6457.2	5967.2	4987.3	3849.8	3324.8	3161.5	3103.2	3074.0	3062.4	3074.0
15°	6818.8	6620.5	5786.4	4299.0	3418.2	3214.0	3179.0	3184.8	3184.8	3190.7	3190.7
17.5°	7023.0	6713.8	5459.7	3803.1	3330.7	3272.3	3307.3	3336.5	3336.5	3342.3	3336.5
20°	7209.7	6760.5	5039.8	3593.2	3348.2	3377.3	3459.0	3488.2	3494.0	3488.2	3488.2
22.5°	7408.0	6789.7	4619.8	3476.5	3389.0	3476.5	3564.0	3604.8	3616.5	3622.3	3628.2
25°	7600.5	6731.3	4275.6	3383.2	3371.5	3494.0	3593.2	3645.7	3657.3	3657.3	3663.2
27.5°	7793.0	6713.8	4042.3	3260.7	3289.8	3389.0	3505.7	3575.7	3622.3	3628.2	3634.0
30°	8014.6	6661.3	3820.6	3097.4	3109.0	3231.5	3354.0	3476.5	3569.8	3610.7	3610.7
32.5°	8166.3	6608.8	3622.3	2922.4	2922.4	3050.7	3202.3	3354.0	3488.2	3569.8	3587.3
35°	8312.1	6562.2	3447.3	2747.4	2753.2	2875.7	3033.2	3196.5	3365.7	3464.8	3511.5
37.5°	8387.9	6515.5	3324.8	2613.2	2589.9	2718.2	2823.2	2957.4	3138.2	3301.5	3342.3
40°	8405.4	6515.5	3313.2	2519.9	2420.7	2566.5	2613.2	2706.5	2869.9	3044.9	3109.0
42.5°	8288.8	6451.4	3371.5	2461.5	2245.7	2350.7	2403.2	2449.9	2554.9	2700.7	2753.2
45°	8148.8	6363.9	3424.0	2379.9	2029.9	2111.6	2193.2	2199.1	2245.7	2280.7	2315.7
47.5°	8032.1	6270.5	3330.7	2228.2	1808.2	1866.6	1954.1	1954.1	1930.7	1860.7	1837.4
50°	8125.4	6299.7	3173.2	2012.4	1604.1	1644.9	1738.2	1685.8	1633.3	1487.4	1469.9
52.5°	8207.1	6410.5	2986.5	1802.4	1429.1	1469.9	1563.3	1481.6	1376.6	1259.9	1242.4
55°	8072.9	6416.4	2642.4	1569.1	1306.6	1341.6	1429.1	1329.9	1230.8	1160.8	1149.1
57.5°	7670.5	6241.4	2280.7	1388.3	1201.6	1236.6	1318.3	1219.1	1125.8	1119.9	1149.1
60°	6783.8	5628.9	1948.2	1271.6	1102.4	1143.3	1224.9	1119.9	997.5	945.0	962.5
62.5°	5121.4	4328.1	1668.3	1137.4	1009.1	1061.6	1119.9	950.8	845.8	822.5	799.1
65°	*3744.8*	*3324.8*	*1499.1*	*1032.5*	*921.6*	*985.8*	*939.1*	*845.8*	*775.8*	*752.5*	*740.8*
67.5°	2420.7	2257.4	1289.1	933.3	840.0	892.5	828.3	781.6	705.8	694.1	711.6
70°	1481.6	1534.1	1079.1	822.5	758.3	746.6	758.3	711.6	630.0	647.5	670.8
72.5°	1049.9	1131.6	927.5	717.5	647.5	624.1	676.6	647.5	589.1	606.6	630.0
75°	752.5	840.0	764.1	589.1	548.3	536.6	630.0	647.5	606.6	618.3	635.8
77.5°	443.3	536.6	542.5	455.0	414.1	478.3	670.8	746.6	717.5	682.5	665.0
80°	285.8	320.8	385.0	291.7	291.7	414.1	735.0	910.0	781.6	694.1	682.5
82.5°	145.8	169.2	250.8	186.7	175.0	309.2	723.3	869.1	863.3	770.0	752.5
85°	40.8	52.5	116.7	81.7	70.0	163.3	542.5	653.3	583.3	425.8	431.6
87.5°	5.8	5.8	0.0	0.0	5.8	23.3	64.2	11.7	11.7	11.7	11.7
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

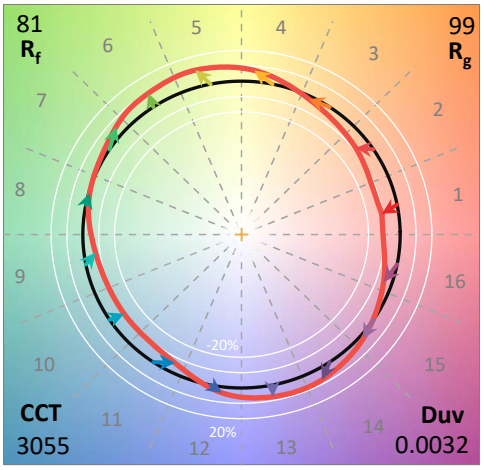
Test Information

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

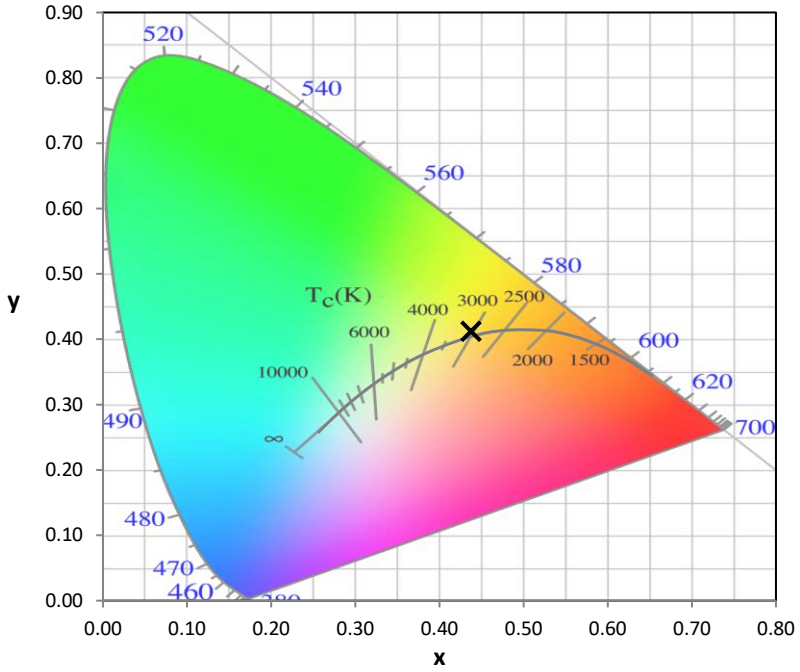
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

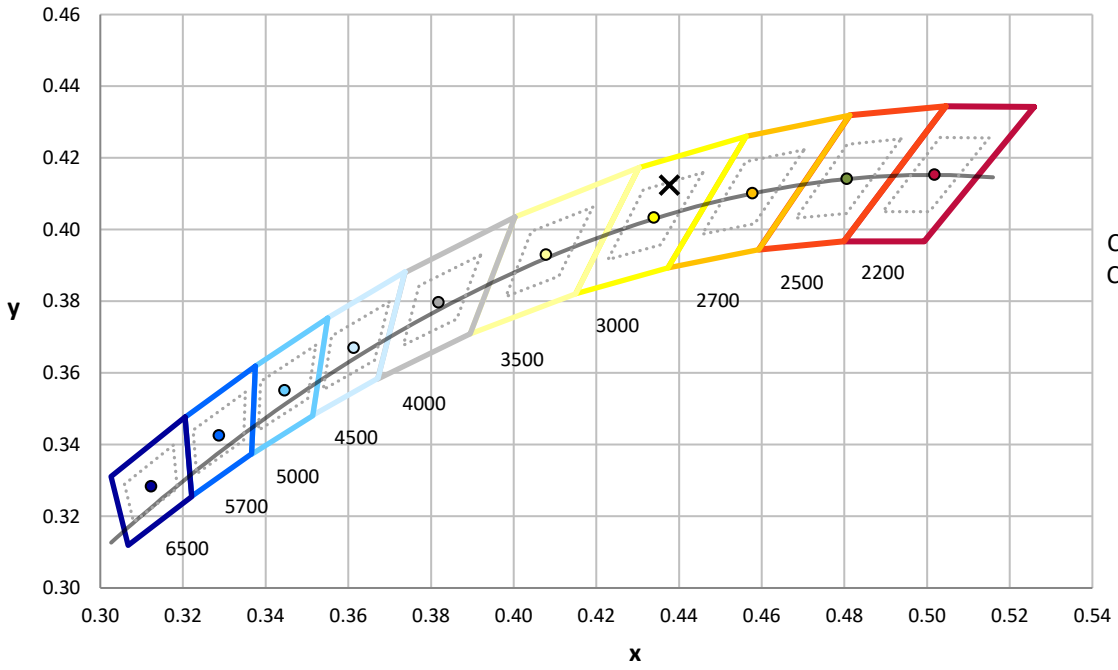
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

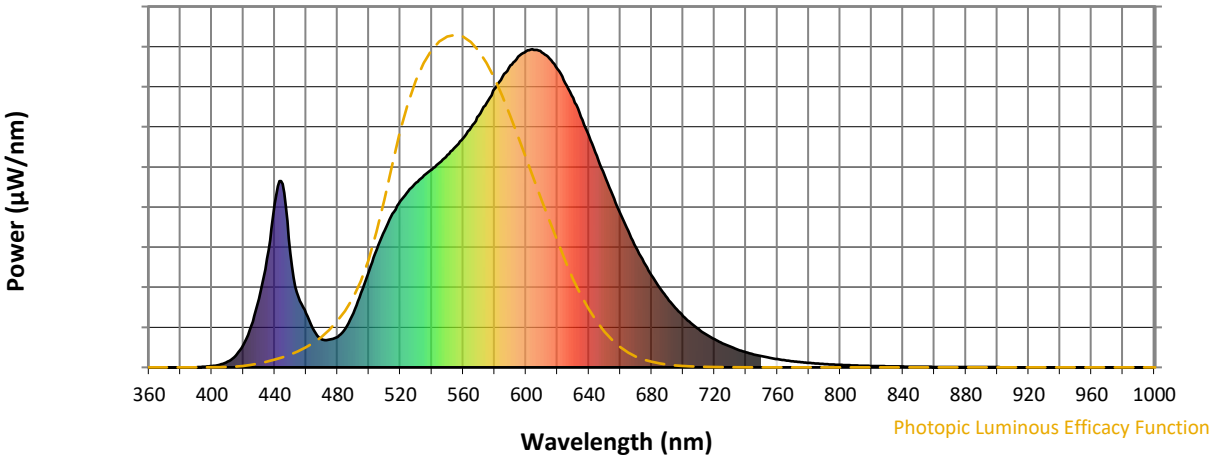


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

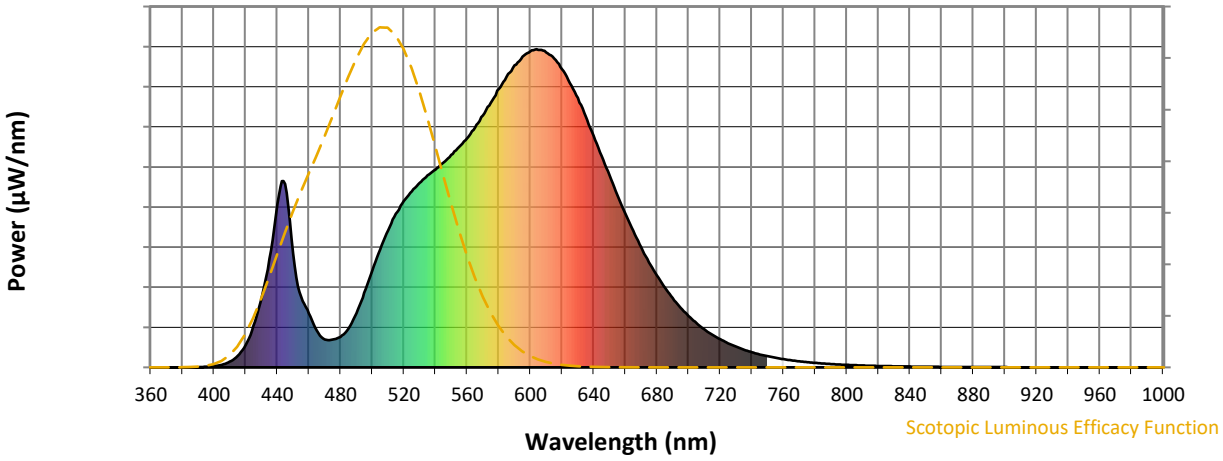


Photopic Lumens: NR

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

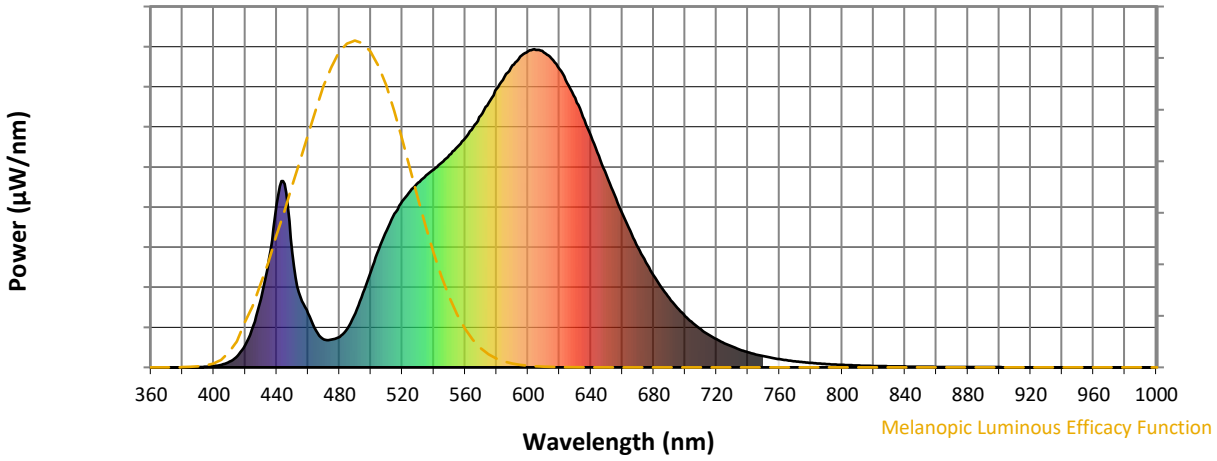


Scotopic Lumens: NR **S/P: 1.28**

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			

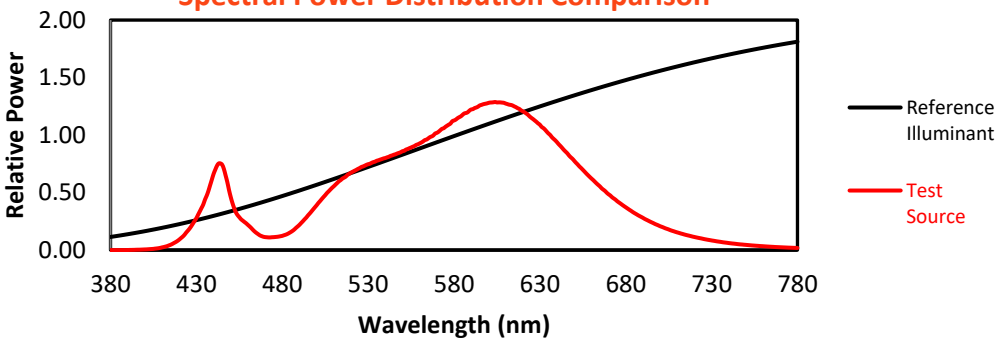
REPORT NUMBER: SP1-2407-184-9

TM-30-18

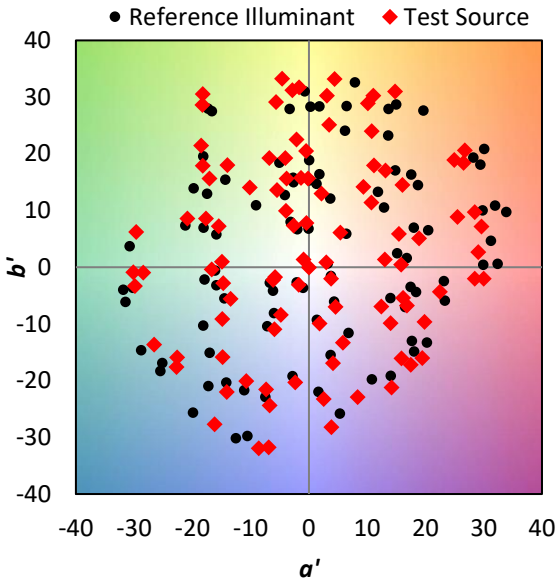
Summary

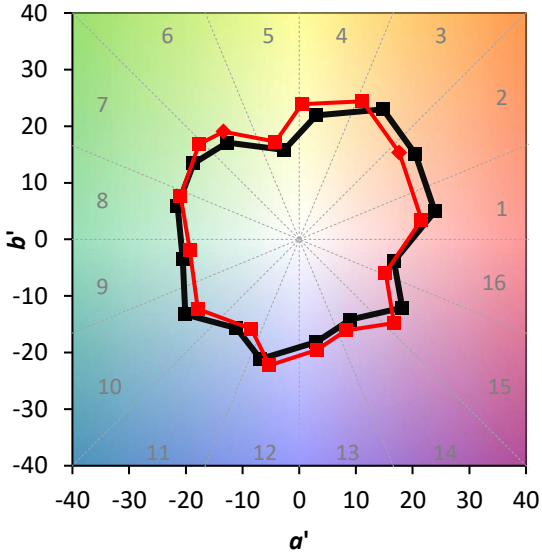
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

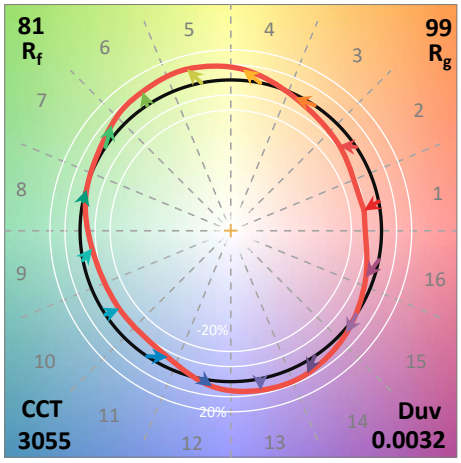
Spectral Power Distribution Comparison

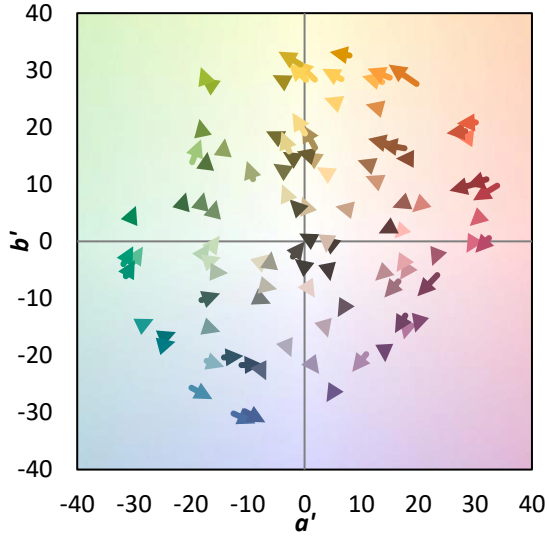


Color Vector Graphics







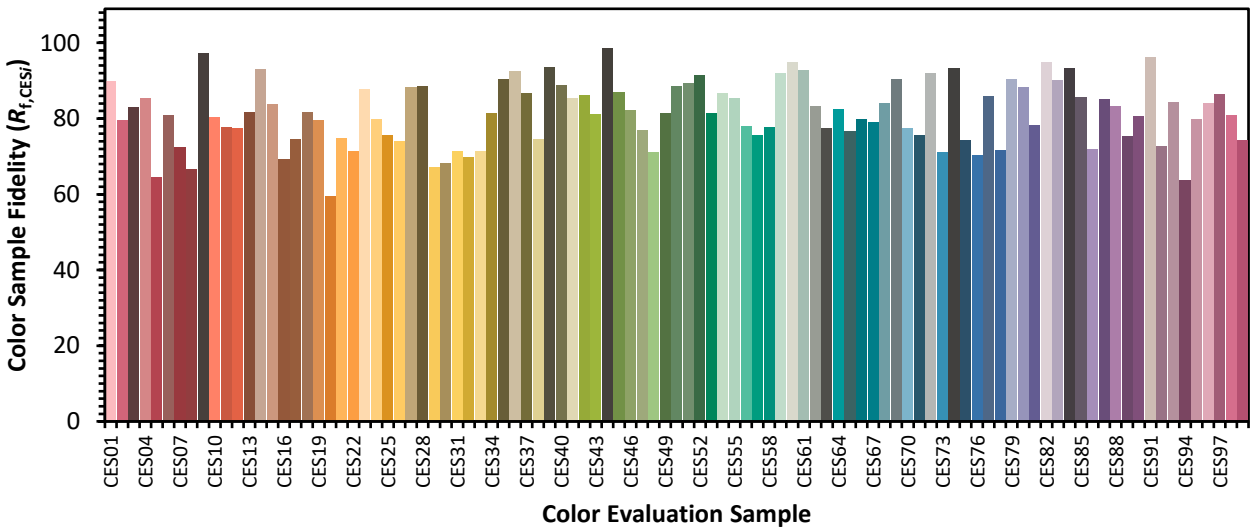


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

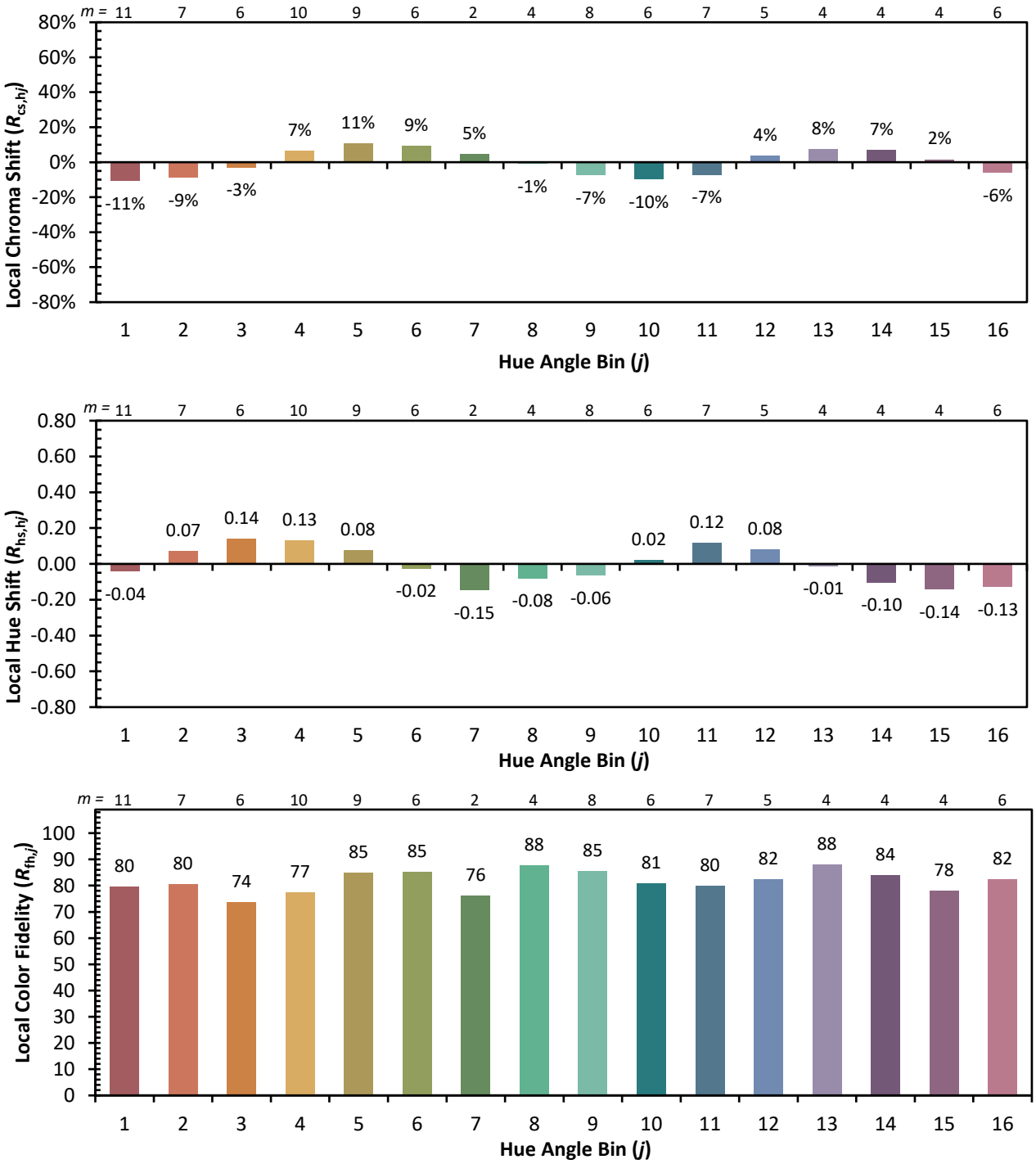
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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

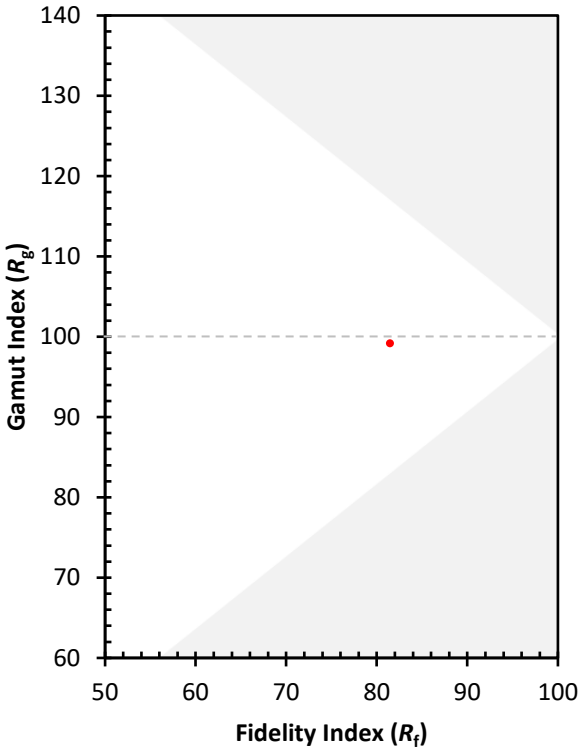
Color Rendition by Hue-Angle Bin

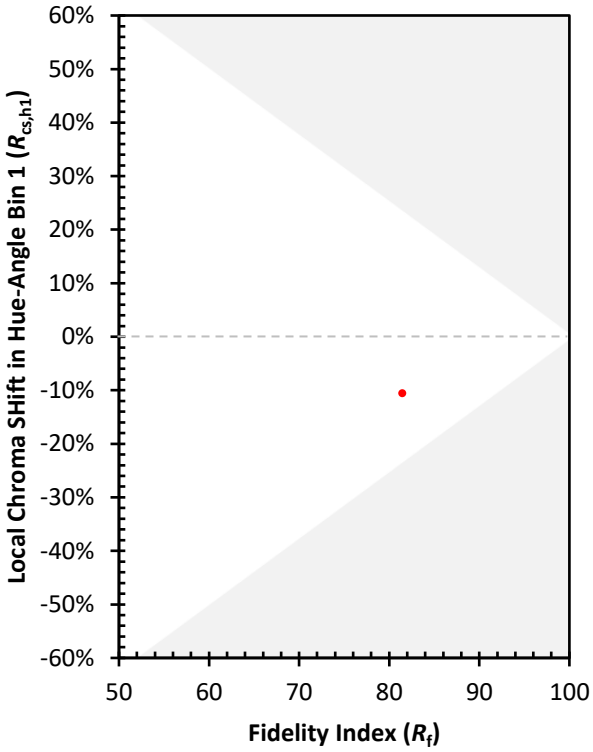


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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