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: P1500766

Luminaire Tested: GSS-SB5B-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:	P1500766
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24684.2 lumens
Efficiency:	N/A
Efficacy:	134.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

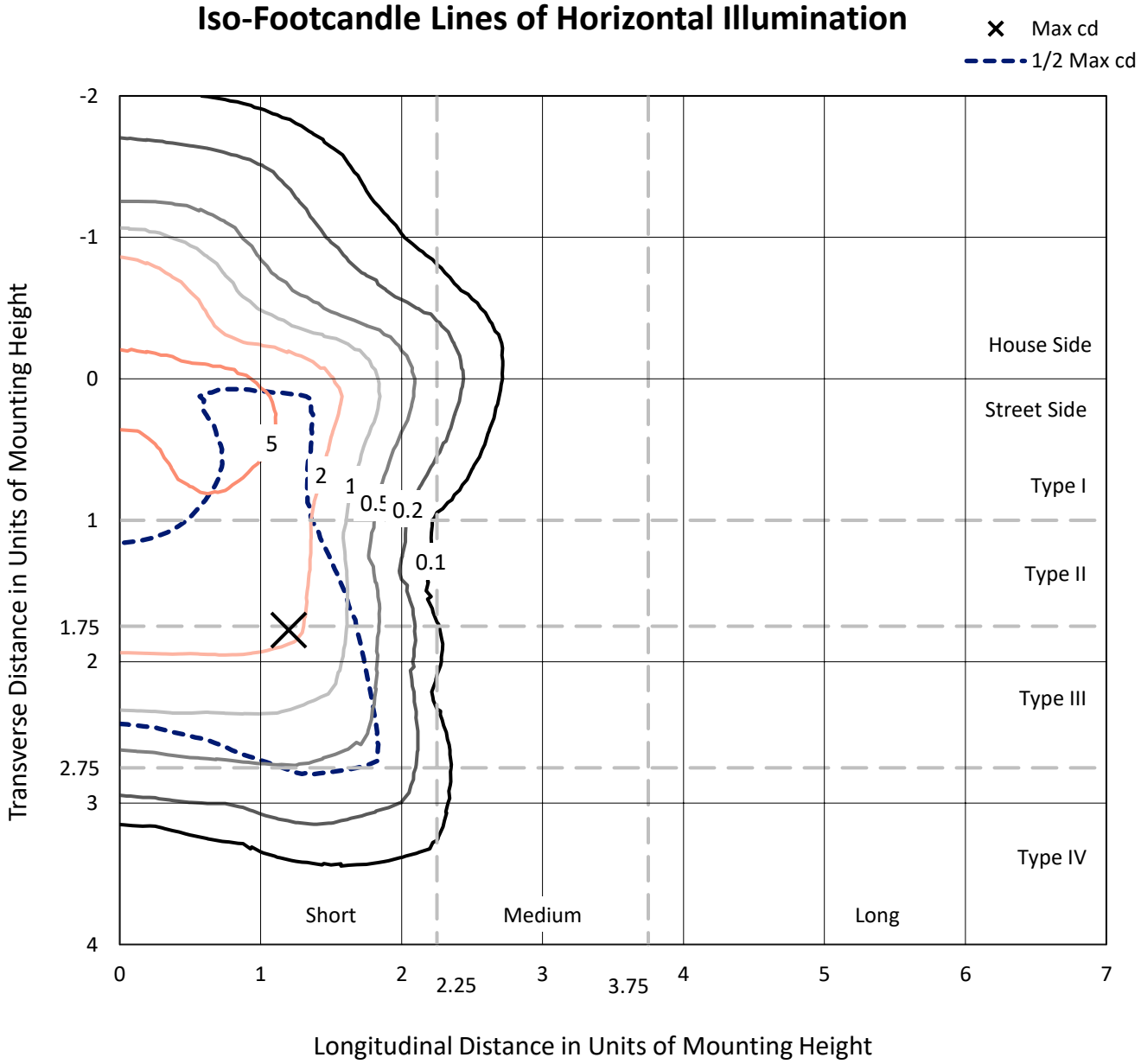
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500766
CATALOG NUMBER: GSS-SB5B-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



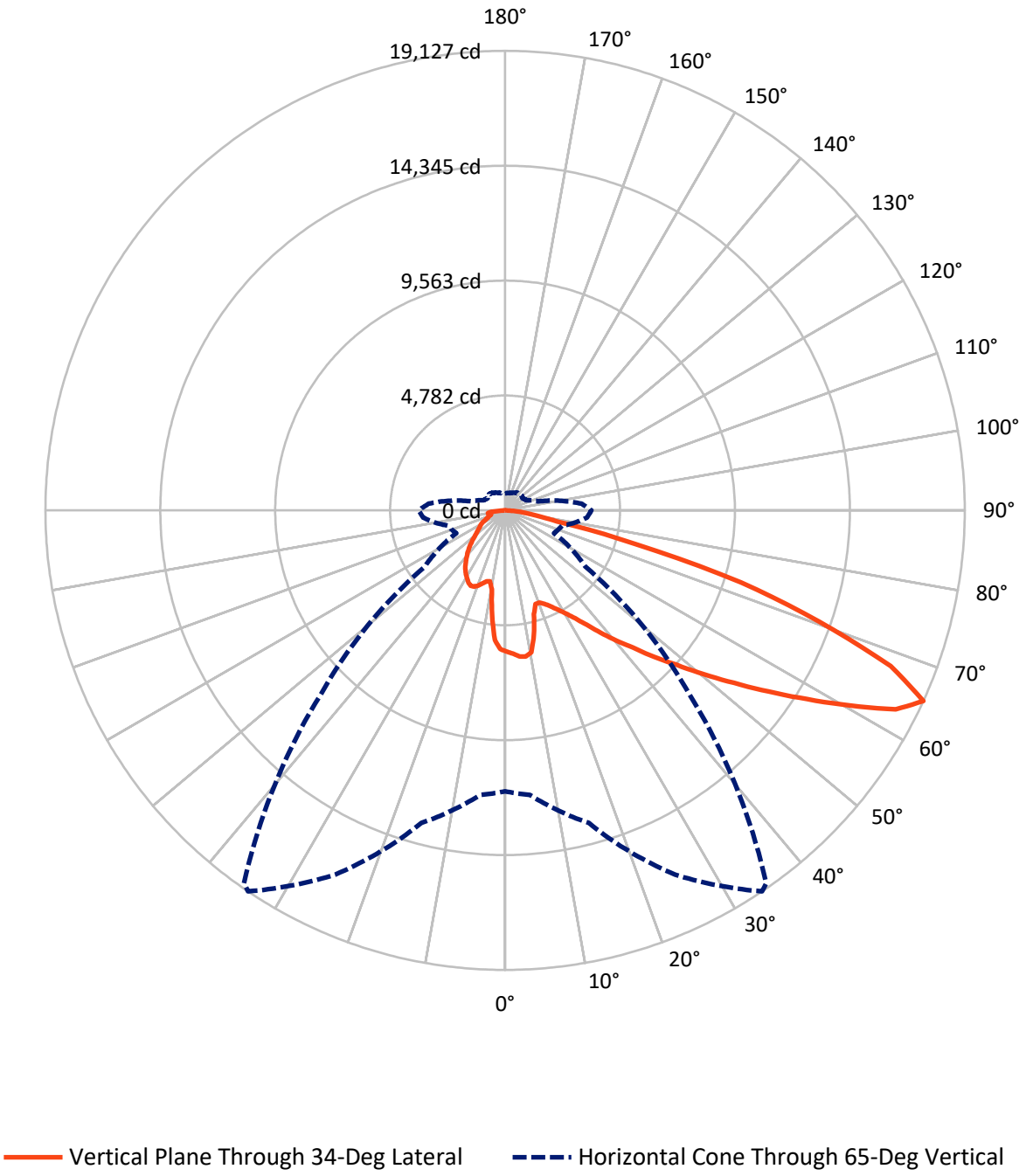
Based on 25 foot mounting height. Maximum calculated value = 10 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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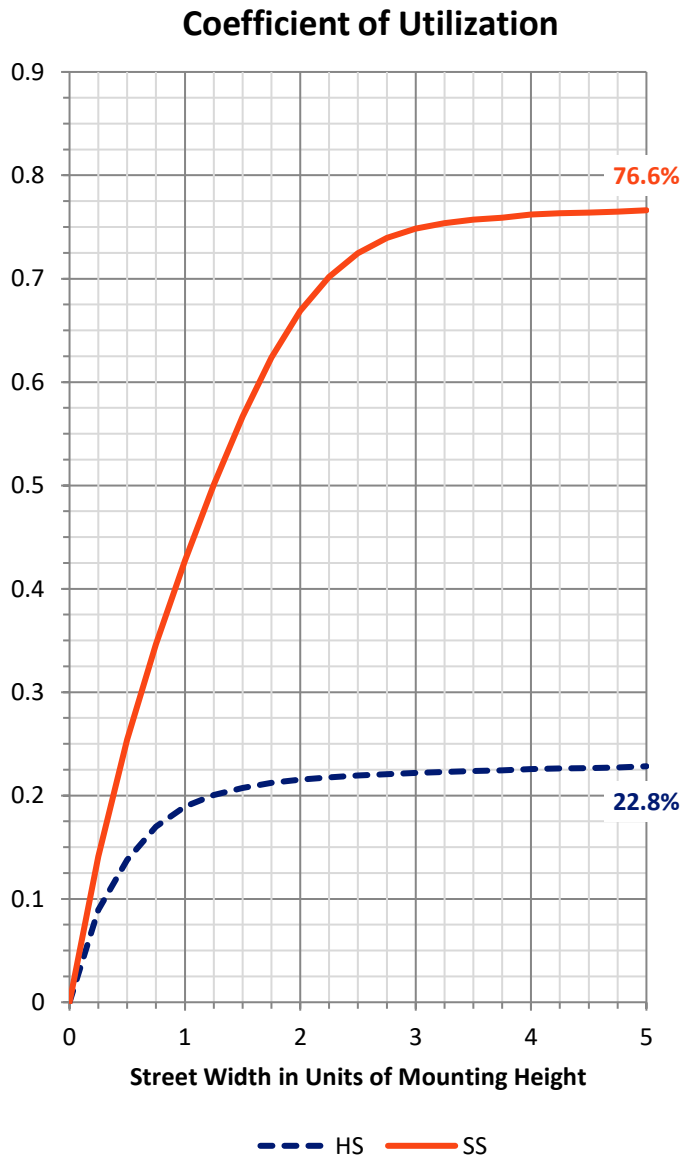
REPORT NUMBER: P1500766
CATALOG NUMBER: GSS-SB5B-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5742.9	0.0	5742.9
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	18941.3	0.0	18941.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	24684.2	0.0	24684.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	529.1	2.1
10°-20°	1331.6	5.4
20°-30°	2207.3	8.9
30°-40°	3319.7	13.4
40°-50°	4650.8	18.8
50°-60°	5863.8	23.8
60°-70°	5043.4	20.4
70°-80°	1499.4	6.1
80°-90°	239.2	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°	24684.2	100.0
0°-180°	24684.2	100.0



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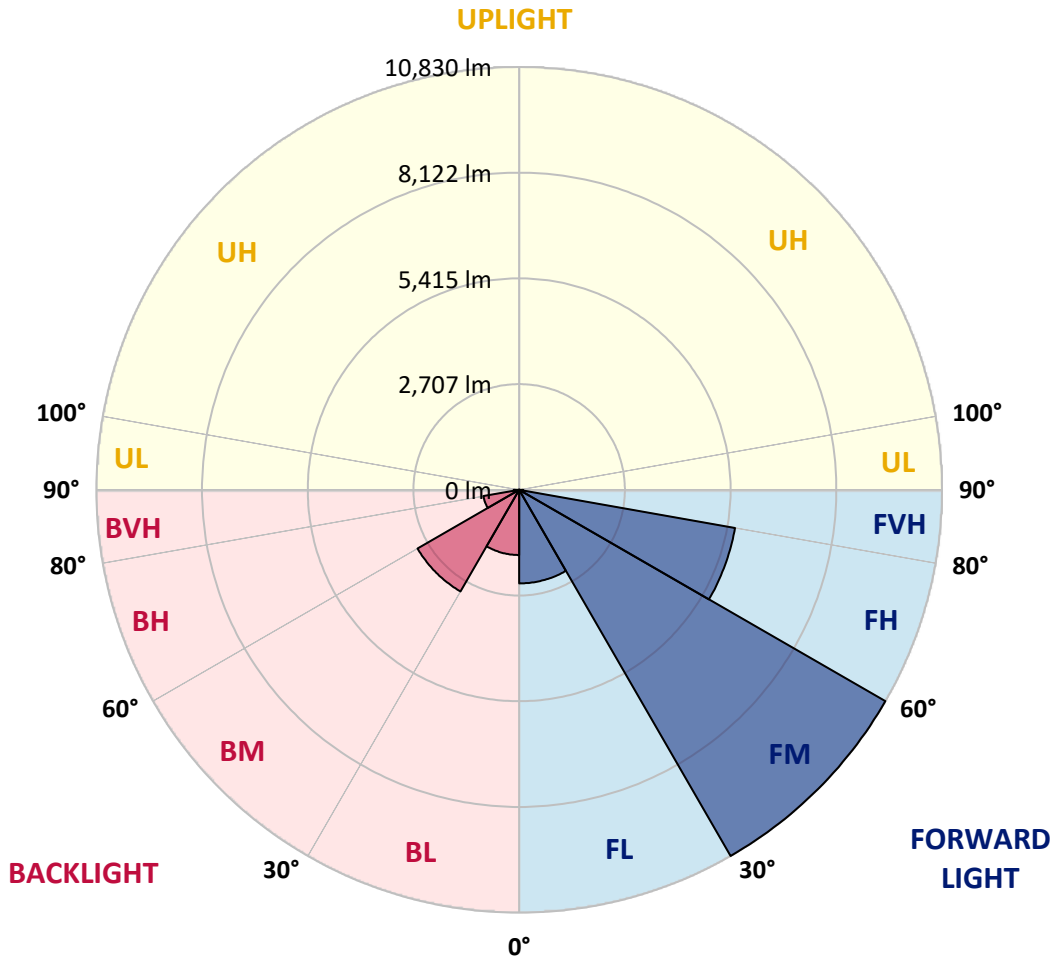
Scaled Data Report

REPORT NUMBER: P1500766
CATALOG NUMBER: GSS-SB5B-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2397.0	9.7			
FM	(30°-60°)	10829.7	43.9			
FH	(60°-80°)	5613.3	22.7			G3/7500
FVH	(80°-90°)	101.2	0.4			G2/225
BL	(0°-30°)	1670.9	6.8	B3/2500		
BM	(30°-60°)	3004.5	12.2	B3/5000		
BH	(60°-80°)	929.5	3.8	B2/1000		G2/1000
BVH	(80°-90°)	138.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	5868.8	5868.8	5868.8	5868.8	*5868.8*	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8
2.5°	5980.6	6014.1	5975.0	5958.2	*5963.8*	5969.4	5941.4	5947.0	5913.5	5913.5	5885.5
5°	6109.1	6114.7	6092.3	6109.1	*6103.5*	6097.9	6097.9	6092.3	6019.7	6002.9	5975.0
7.5°	6036.5	6058.8	6070.0	6131.5	*6148.2*	6181.8	6204.1	6215.3	6159.4	6114.7	6042.0
10°	5371.3	5388.1	5516.6	5796.1	*6008.5*	6047.6	6254.4	6371.8	6332.7	6310.3	6187.4
12.5°	4292.6	4320.5	4465.9	4829.2	*5326.6*	5432.8	6092.3	6489.2	6578.6	6584.2	6405.4
15°	3828.7	3828.7	3873.4	4080.2	*4482.6*	4566.5	5539.0	6522.7	6841.3	6880.4	6662.5
17.5°	3733.7	3728.1	3756.0	3879.0	*4091.4*	4141.7	4901.8	6349.5	7154.3	7221.4	6941.9
20°	3728.1	3711.3	3767.2	3906.9	*4091.4*	4136.1	4605.6	6047.6	7400.2	7612.6	7221.4
22.5°	3733.7	3733.7	3811.9	4013.1	*4225.5*	4264.6	4661.5	5796.1	7601.5	8020.7	7517.6
25°	3795.1	3784.0	3895.7	4141.7	*4432.3*	4460.3	4890.6	5784.9	7774.7	8479.0	7875.3
27.5°	3895.7	3901.3	4052.3	4348.5	*4678.3*	4734.1	5209.2	6025.3	7987.1	8982.0	8221.9
30°	4108.1	4113.7	4292.6	4594.4	*4974.5*	5047.1	5578.1	6383.0	8288.9	9524.2	8596.4
32.5°	4348.5	4376.4	4594.4	4946.5	*5354.6*	5393.7	6030.9	6919.6	8741.7	10066.3	8998.8
35°	4750.9	4778.9	5024.8	5393.7	*5846.4*	5902.3	6584.2	7540.0	9295.0	10614.1	9311.8
37.5°	5270.7	5293.1	5533.4	5980.6	*6461.2*	6517.1	7199.0	8199.5	9854.0	11050.1	9591.3
40°	5891.1	5941.4	6198.5	6634.5	*7120.8*	7154.3	7869.7	8836.7	10457.6	11351.9	9703.0
42.5°	6567.4	6617.7	6880.4	7361.1	*7808.3*	7908.9	8596.4	9513.0	10949.5	11486.0	9613.6
45°	7433.8	7422.6	7668.5	8171.6	*8697.0*	8736.1	9373.3	10071.9	11245.7	11374.2	9524.2
47.5°	8484.6	8495.8	8652.3	9060.3	*9602.4*	9691.9	10183.7	10552.6	11419.0	11284.8	9423.6
50°	9669.5	9697.5	9831.6	10127.8	*10709.1*	10770.6	10915.9	10888.0	11525.2	11094.8	9462.7
52.5°	10854.4	10871.2	11050.1	11363.1	*11927.6*	11972.3	11653.7	11145.1	11128.3	10329.0	9378.9
55°	11827.0	11821.4	12140.0	12620.7	*13308.1*	13280.2	12380.3	10949.5	9887.5	9138.5	9004.4
57.5°	12671.0	12704.5	13118.1	13950.9	*14817.3*	14794.9	13157.2	9915.4	8076.6	7730.0	8395.1
60°	13431.1	13509.4	14286.3	15532.7	*16488.5*	16354.3	13297.0	8356.0	6282.4	6053.2	7187.9
62.5°	13101.3	13246.7	14493.1	16924.4	*18237.9*	17941.7	12436.2	6472.4	4253.5	4046.7	5080.7
65°	*11692.8*	*11888.5*	*13470.2*	*16723.2*	*19126.6*	*18942.2*	*10871.2*	*4069.0*	*2241.3*	*2459.3*	*3420.7*
67.5°	9820.4	10055.2	11765.5	15024.1	*17304.5*	16907.7	8445.4	2140.7	1045.2	1620.9	2123.9
70°	5382.5	5963.8	8506.9	12777.2	*13861.5*	13308.1	4885.1	1011.7	760.1	1011.7	1268.8
72.5°	2023.3	2163.1	3688.9	8590.8	*10267.6*	9585.7	1855.7	653.9	637.2	749.0	916.6
75°	972.5	1039.6	1604.1	3906.9	*5606.1*	5226.0	911.1	486.3	547.8	586.9	665.1
77.5°	581.3	626.0	1000.5	2269.3	*2207.8*	2028.9	558.9	374.5	441.6	419.2	391.3
80°	346.5	385.7	609.2	1291.1	*1330.3*	1179.3	340.9	262.7	307.4	268.3	240.3
82.5°	201.2	218.0	318.6	581.3	*844.0*	776.9	195.6	156.5	223.6	178.9	134.1
85°	100.6	106.2	145.3	251.5	*419.2*	318.6	83.8	72.7	106.2	78.3	44.7
87.5°	22.4	22.4	22.4	27.9	*39.1*	39.1	11.2	5.6	5.6	5.6	5.6
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: P1500766
CATALOG NUMBER: GSS-SB5B-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8	5868.8
2.5°	5880.0	5891.1	5852.0	5807.3	5796.1	5762.6	5773.8	5751.4	5717.9	5723.5	5729.0
5°	5935.8	5913.5	5835.2	5734.6	5645.2	5544.6	5427.2	5293.1	5198.1	5158.9	5192.5
7.5°	5986.2	5963.8	5829.7	5606.1	5304.3	4885.1	4449.1	4052.3	3778.4	3677.8	3700.1
10°	6125.9	6036.5	5790.5	5304.3	4583.2	3789.6	3348.0	3102.1	3018.2	2973.5	2979.1
12.5°	6310.3	6187.4	5717.9	4778.9	3688.9	3185.9	3029.4	2973.5	2945.6	2934.4	2945.6
15°	6533.9	6343.9	5544.6	4119.3	3275.3	3079.7	3046.2	3051.8	3051.8	3057.4	3057.4
17.5°	6729.5	6433.3	5231.6	3644.2	3191.5	3135.6	3169.1	3197.1	3197.1	3202.7	3197.1
20°	6908.4	6478.0	4829.2	3443.0	3208.3	3236.2	3314.5	3342.4	3348.0	3342.4	3342.4
22.5°	7098.4	6506.0	4426.7	3331.2	3247.4	3331.2	3415.1	3454.2	3465.4	3471.0	3476.6
25°	7282.9	6450.1	4097.0	3241.8	3230.6	3348.0	3443.0	3493.3	3504.5	3504.5	3510.1
27.5°	7467.3	6433.3	3873.4	3124.4	3152.4	3247.4	3359.2	3426.2	3471.0	3476.6	3482.1
30°	7679.7	6383.0	3661.0	2967.9	2979.1	3096.5	3213.9	3331.2	3420.7	3459.8	3459.8
32.5°	7825.0	6332.7	3471.0	2800.2	2800.2	2923.2	3068.5	3213.9	3342.4	3420.7	3437.4
35°	7964.8	6288.0	3303.3	2632.6	2638.2	2755.5	2906.4	3062.9	3225.0	3320.1	3364.8
37.5°	8037.4	6243.3	3185.9	2504.0	2481.7	2604.6	2705.2	2833.8	3007.0	3163.5	3202.7
40°	8054.2	6243.3	3174.7	2414.6	2319.6	2459.3	2504.0	2593.4	2749.9	2917.6	2979.1
42.5°	7942.4	6181.8	3230.6	2358.7	2151.9	2252.5	2302.8	2347.5	2448.1	2587.9	2638.2
45°	7808.3	6097.9	3280.9	2280.4	1945.1	2023.3	2101.6	2107.2	2151.9	2185.4	2219.0
47.5°	7696.5	6008.5	3191.5	2135.1	1732.7	1788.6	1872.4	1872.4	1850.1	1783.0	1760.6
50°	7785.9	6036.5	3040.6	1928.3	1537.1	1576.2	1665.6	1615.3	1565.0	1425.3	1408.5
52.5°	7864.2	6142.7	2861.7	1727.1	1369.4	1408.5	1497.9	1419.7	1319.1	1207.3	1190.5
55°	7735.6	6148.2	2532.0	1503.5	1252.0	1285.5	1369.4	1274.4	1179.3	1112.3	1101.1
57.5°	7349.9	5980.6	2185.4	1330.3	1151.4	1184.9	1263.2	1168.2	1078.7	1073.1	1101.1
60°	6500.4	5393.7	1866.8	1218.5	1056.4	1095.5	1173.8	1073.1	955.8	905.5	922.2
62.5°	4907.4	4147.3	1598.5	1089.9	967.0	1017.3	1073.1	911.1	810.5	788.1	765.7
65°	*3588.3*	*3185.9*	*1436.5*	*989.3*	*883.1*	*944.6*	*899.9*	*810.5*	*743.4*	*721.0*	*709.8*
67.5°	2319.6	2163.1	1235.2	894.3	804.9	855.2	793.7	749.0	676.3	665.1	681.9
70°	1419.7	1470.0	1034.0	788.1	726.6	715.4	726.6	681.9	603.6	620.4	642.8
72.5°	1006.1	1084.3	888.7	687.5	620.4	598.1	648.4	620.4	564.5	581.3	603.6
75°	721.0	804.9	732.2	564.5	525.4	514.2	603.6	620.4	581.3	592.5	609.2
77.5°	424.8	514.2	519.8	436.0	396.8	458.3	642.8	715.4	687.5	653.9	637.2
80°	273.9	307.4	368.9	279.5	279.5	396.8	704.3	871.9	749.0	665.1	653.9
82.5°	139.7	162.1	240.3	178.9	167.7	296.2	693.1	832.8	827.2	737.8	721.0
85°	39.1	50.3	111.8	78.3	67.1	156.5	519.8	626.0	558.9	408.0	413.6
87.5°	5.6	5.6	0.0	0.0	5.6	22.4	61.5	11.2	11.2	11.2	11.2
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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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

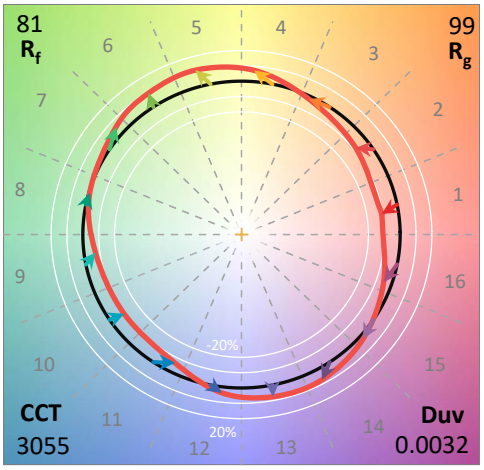
Test Information

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

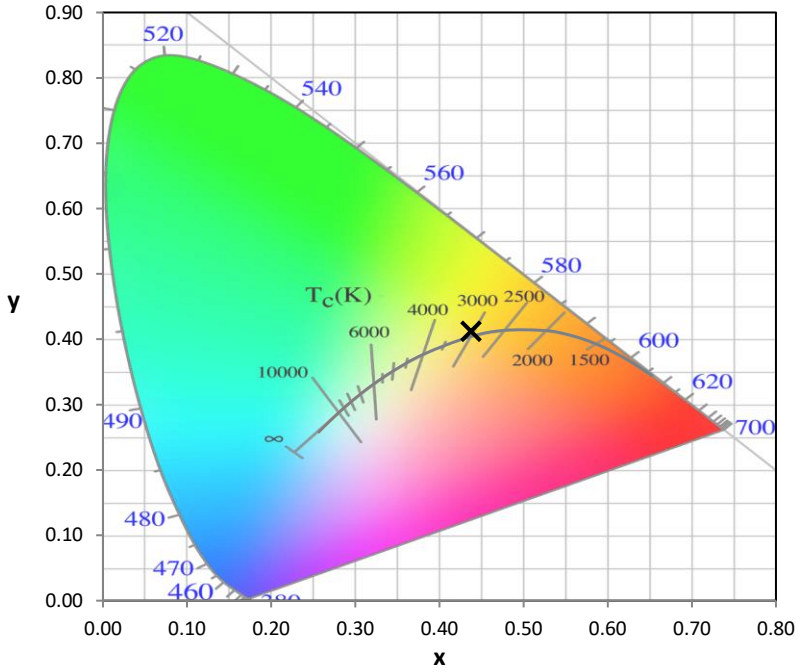
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

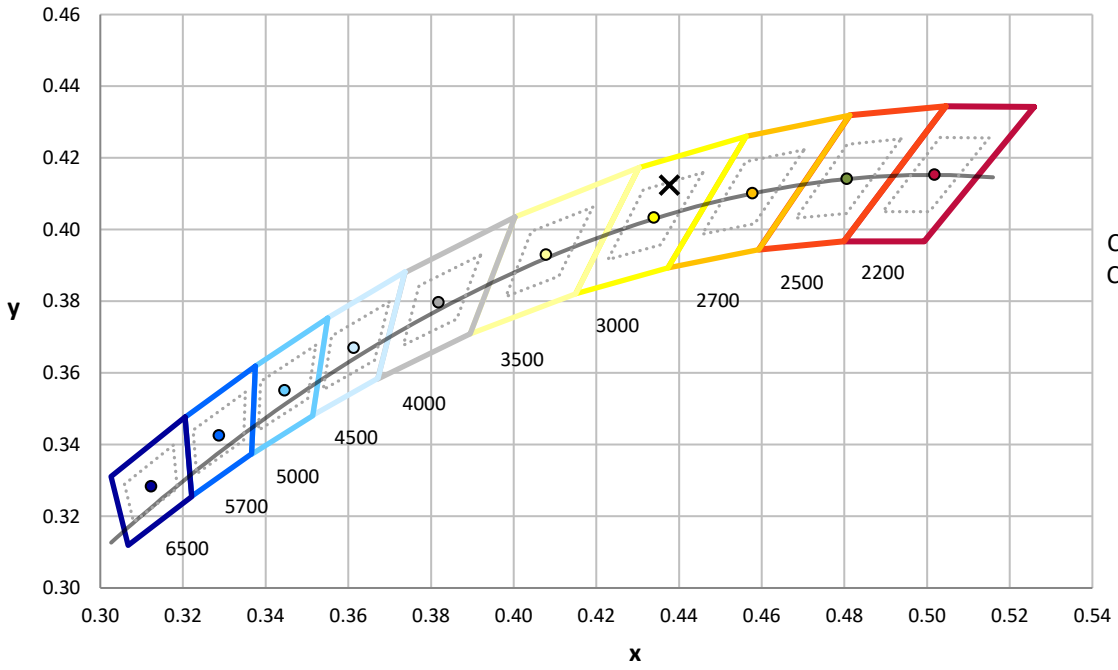
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

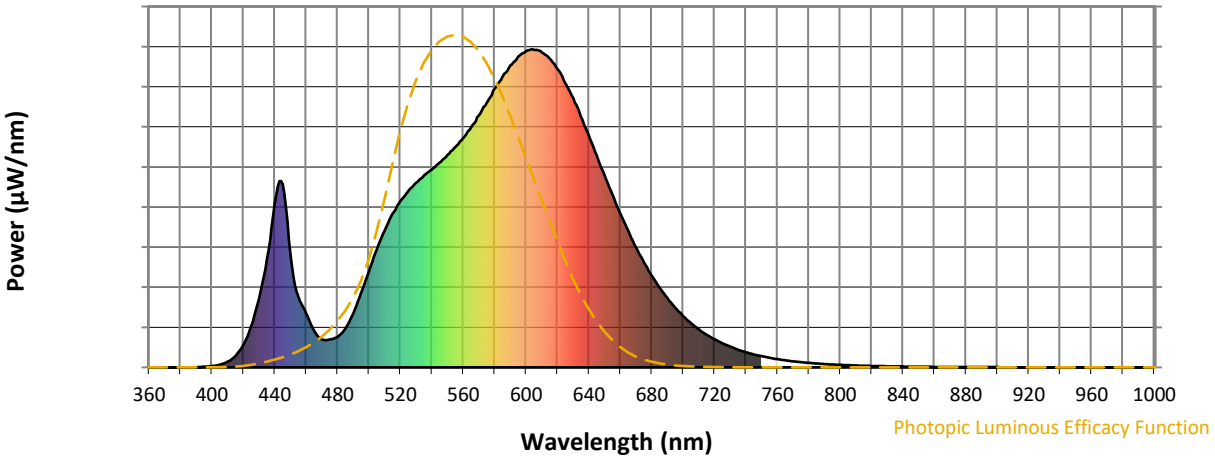


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

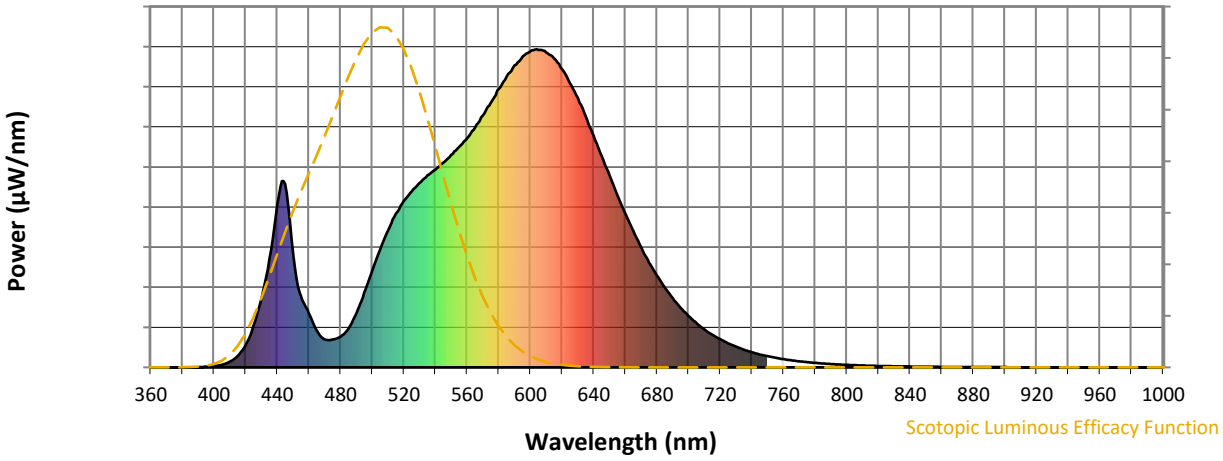


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

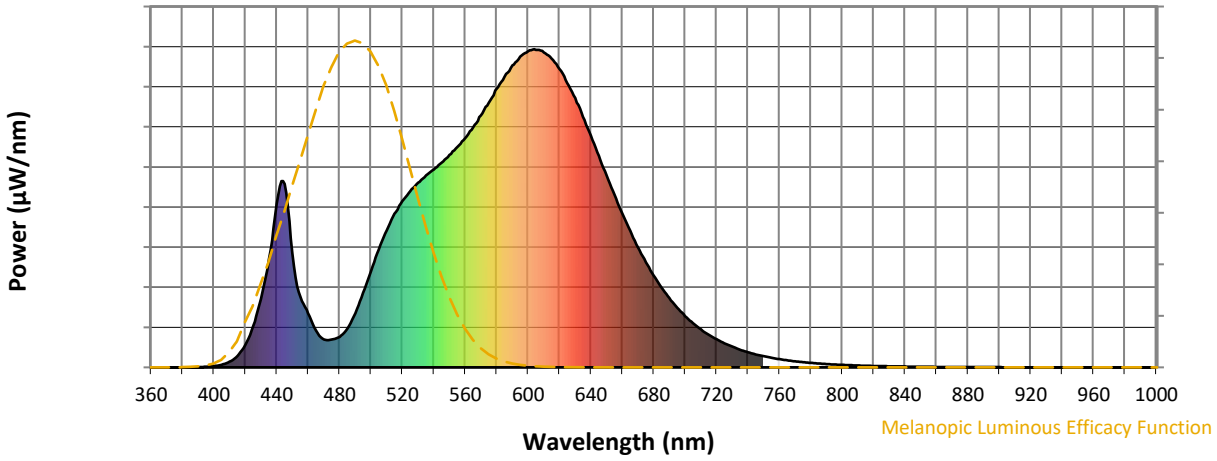


Scotopic Lumens: NR **S/P: 1.28**

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			

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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			

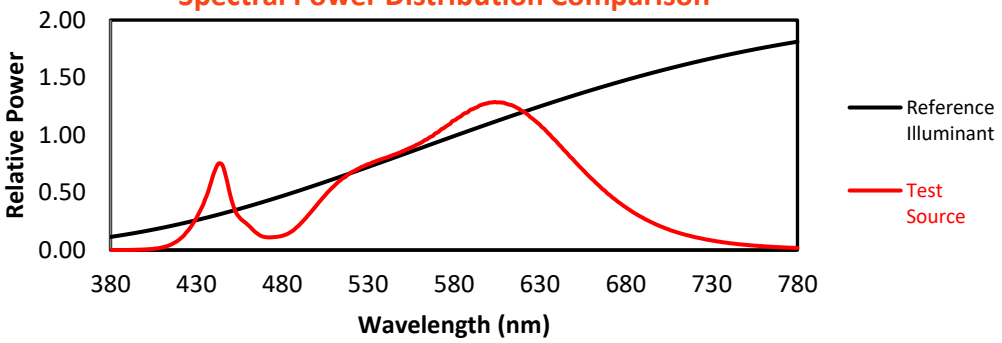
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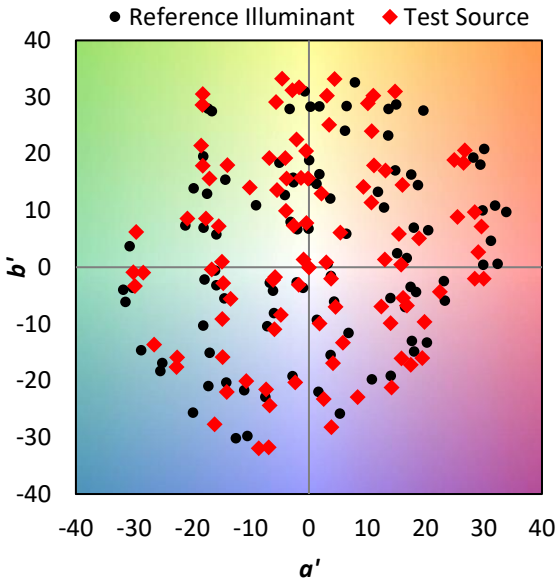
Summary

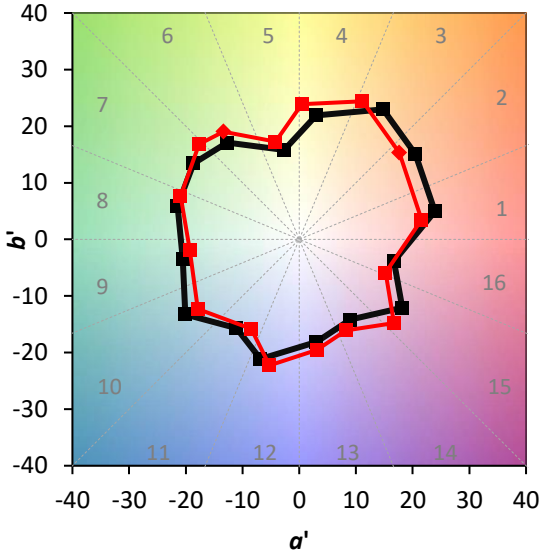
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

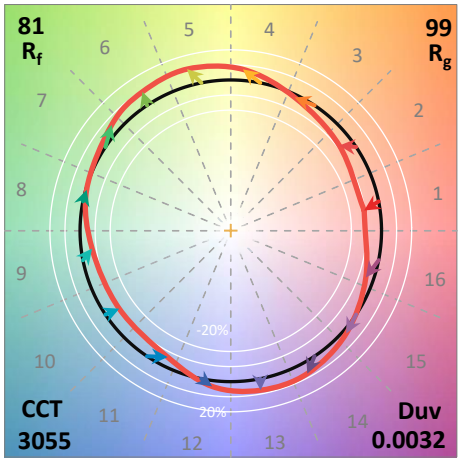
Spectral Power Distribution Comparison

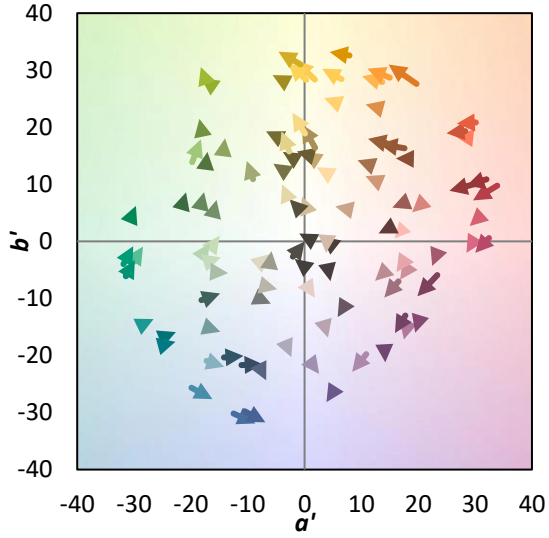


Color Vector Graphics







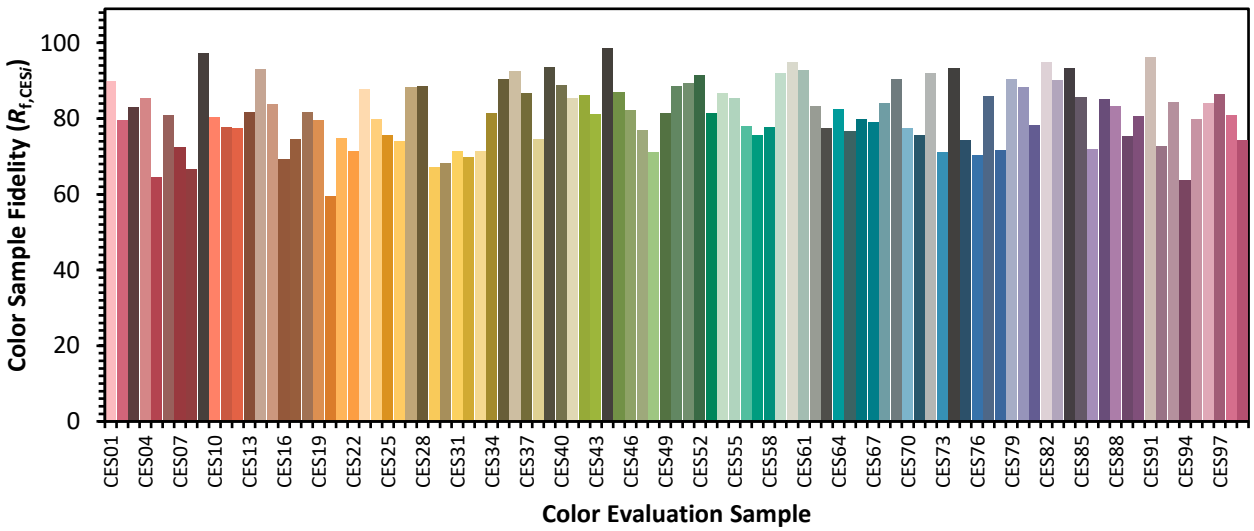


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Individual Sample Fidelity Index ($R_{f,i}$)

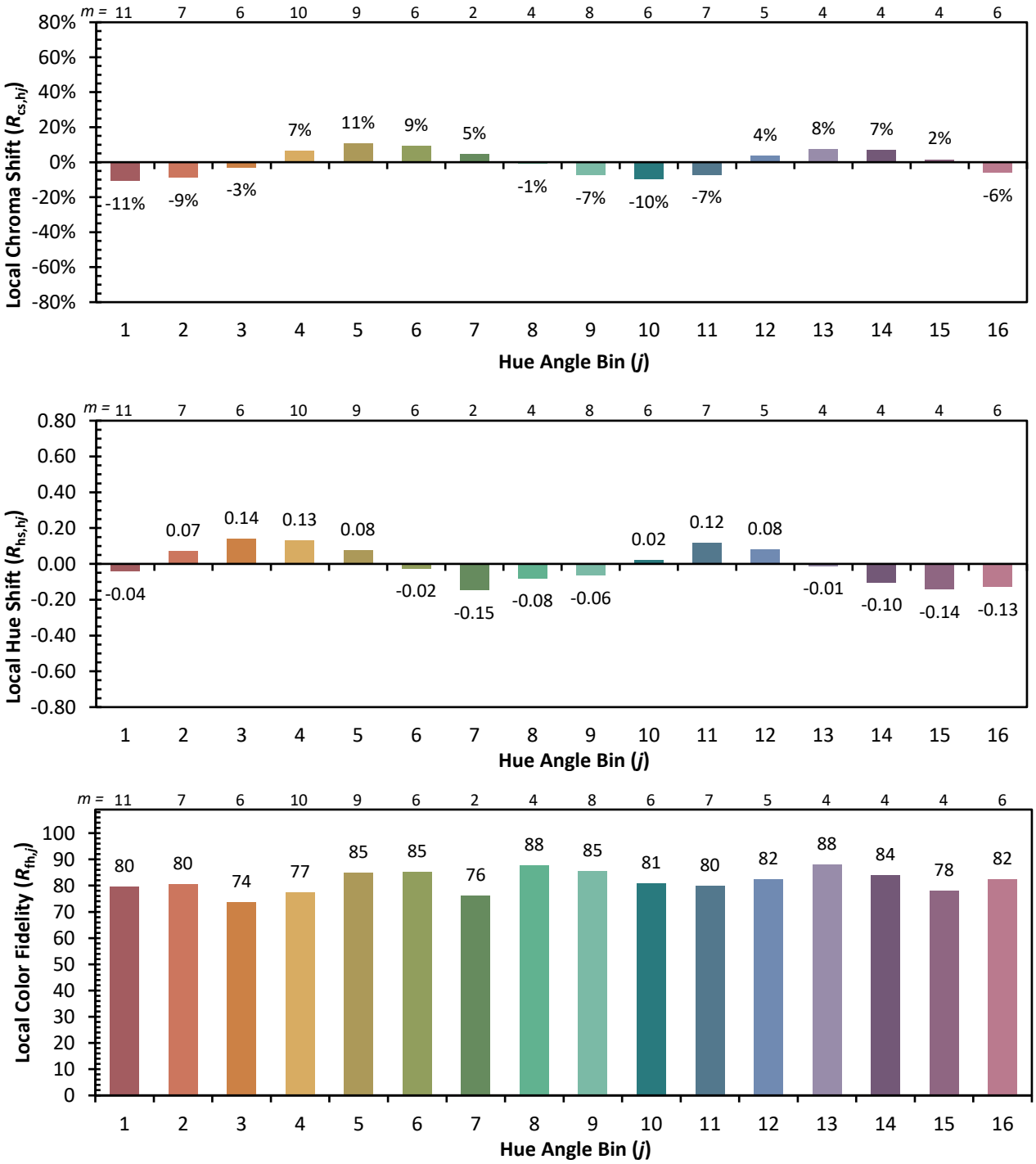
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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



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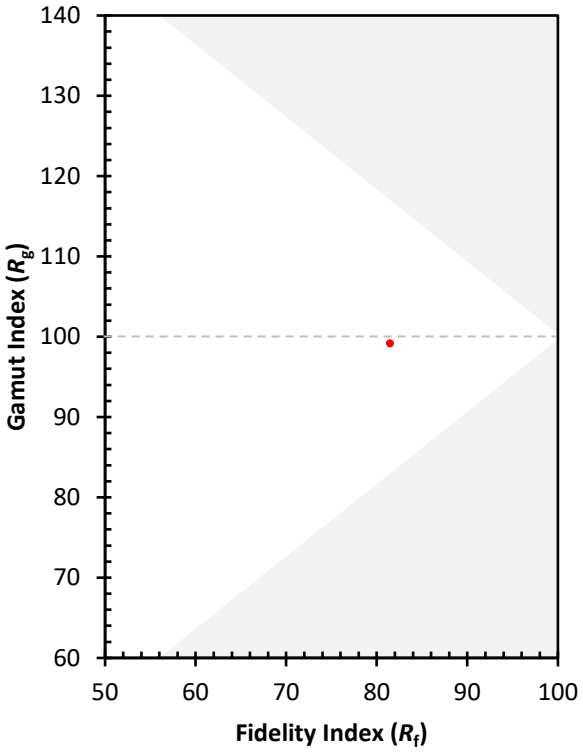
Color Rendition by Hue-Angle Bin

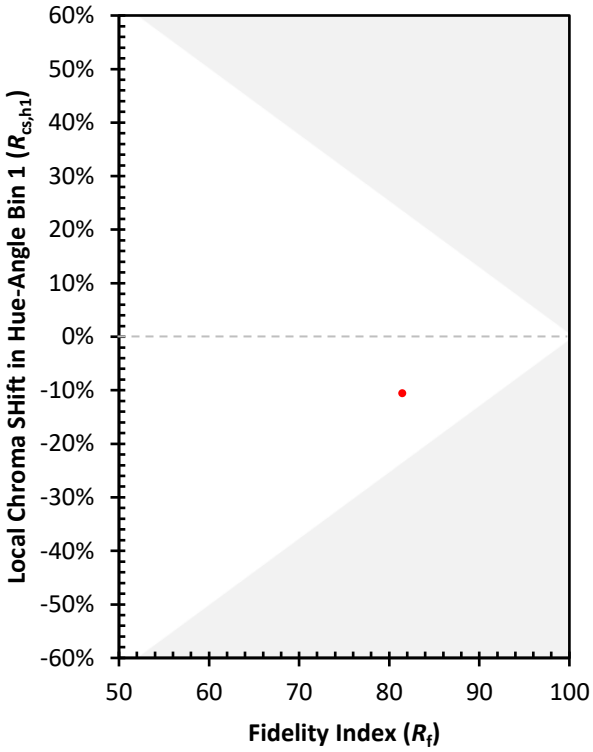


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Measure Comparisons





(END OF REPORT)