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: P1502298

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

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:	P1502298
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-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16495.6 lumens
Efficiency:	N/A
Efficacy:	111.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

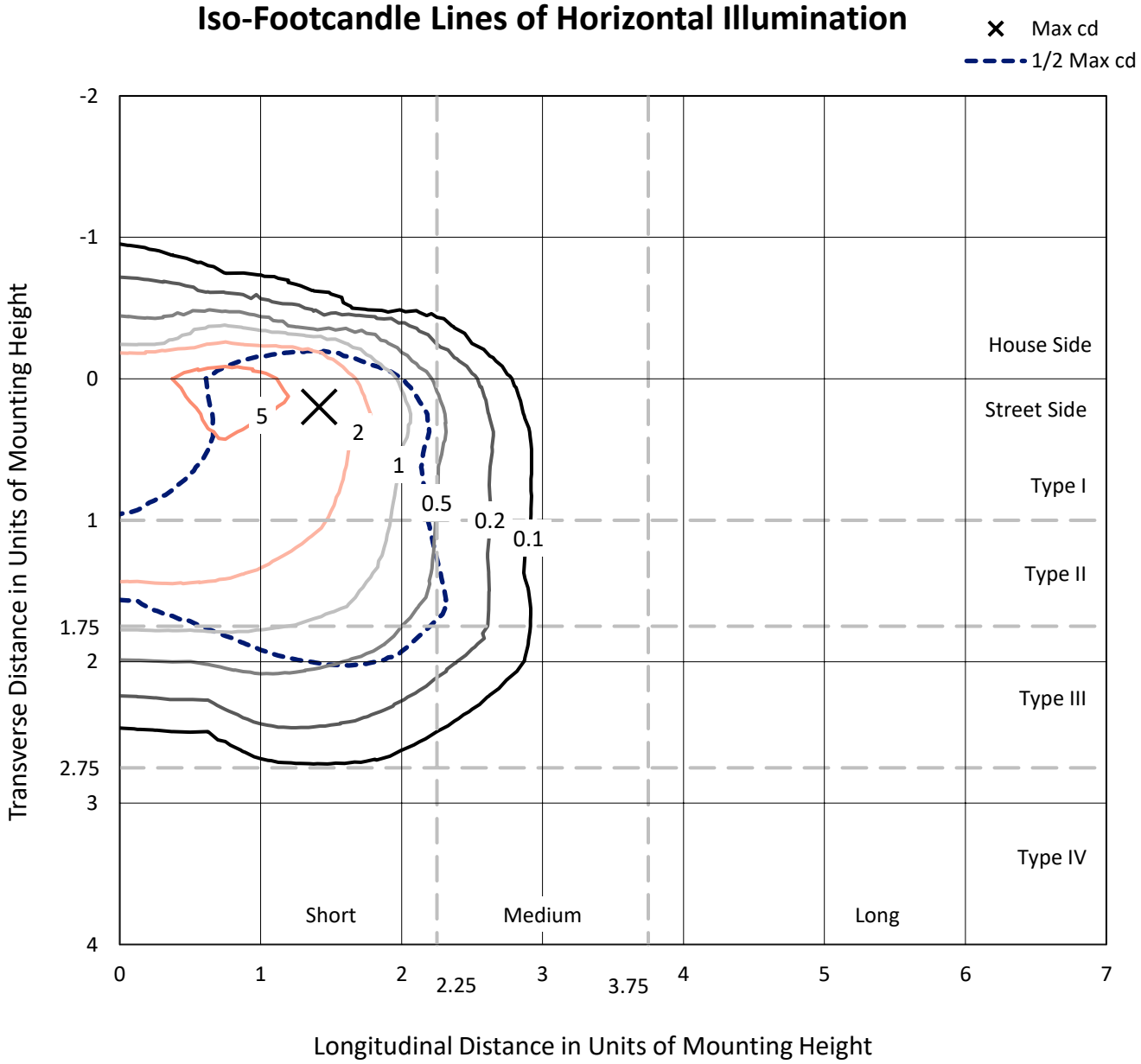
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502298
CATALOG NUMBER: GSS-SB4B-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



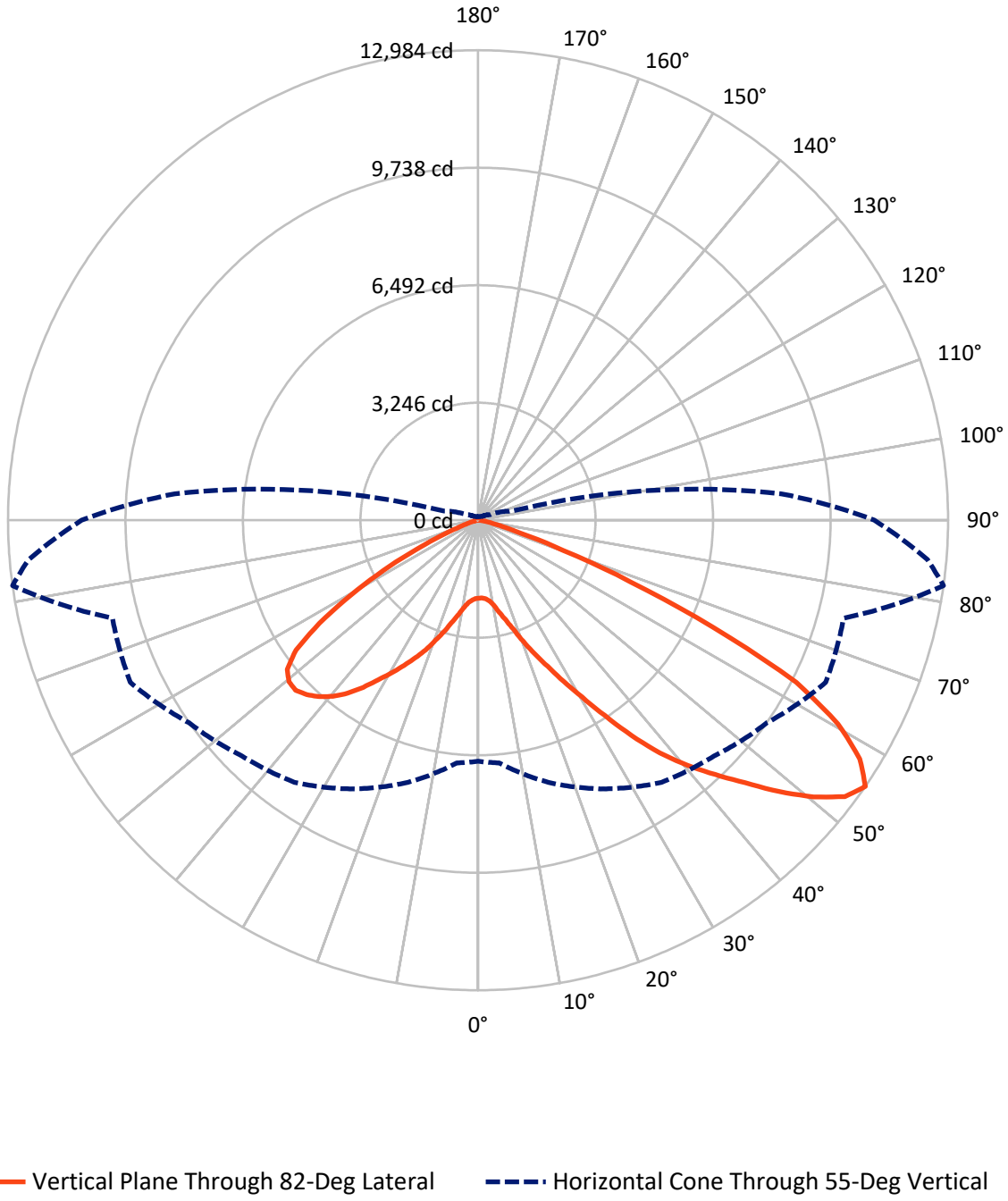
Based on 25 foot mounting height. Maximum calculated value = 6.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

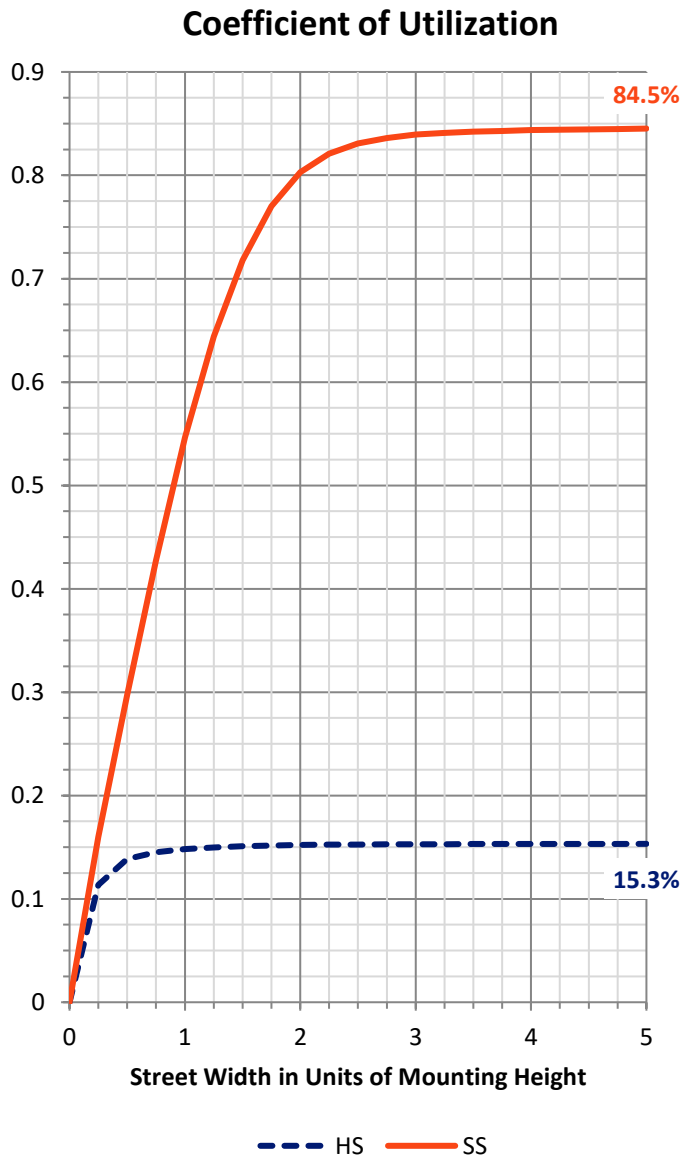
REPORT NUMBER: P1502298
CATALOG NUMBER: GSS-SB4B-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2549.7	0.0	2549.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13945.9	0.0	13945.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	16495.6	0.0	16495.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.2	1.2
10°-20°	528.4	3.2
20°-30°	1056.4	6.4
30°-40°	2187.6	13.3
40°-50°	3654.5	22.2
50°-60°	4635.0	28.1
60°-70°	3465.0	21.0
70°-80°	733.9	4.4
80°-90°	39.5	0.2
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°	16495.6	100.0
0°-180°	16495.6	100.0



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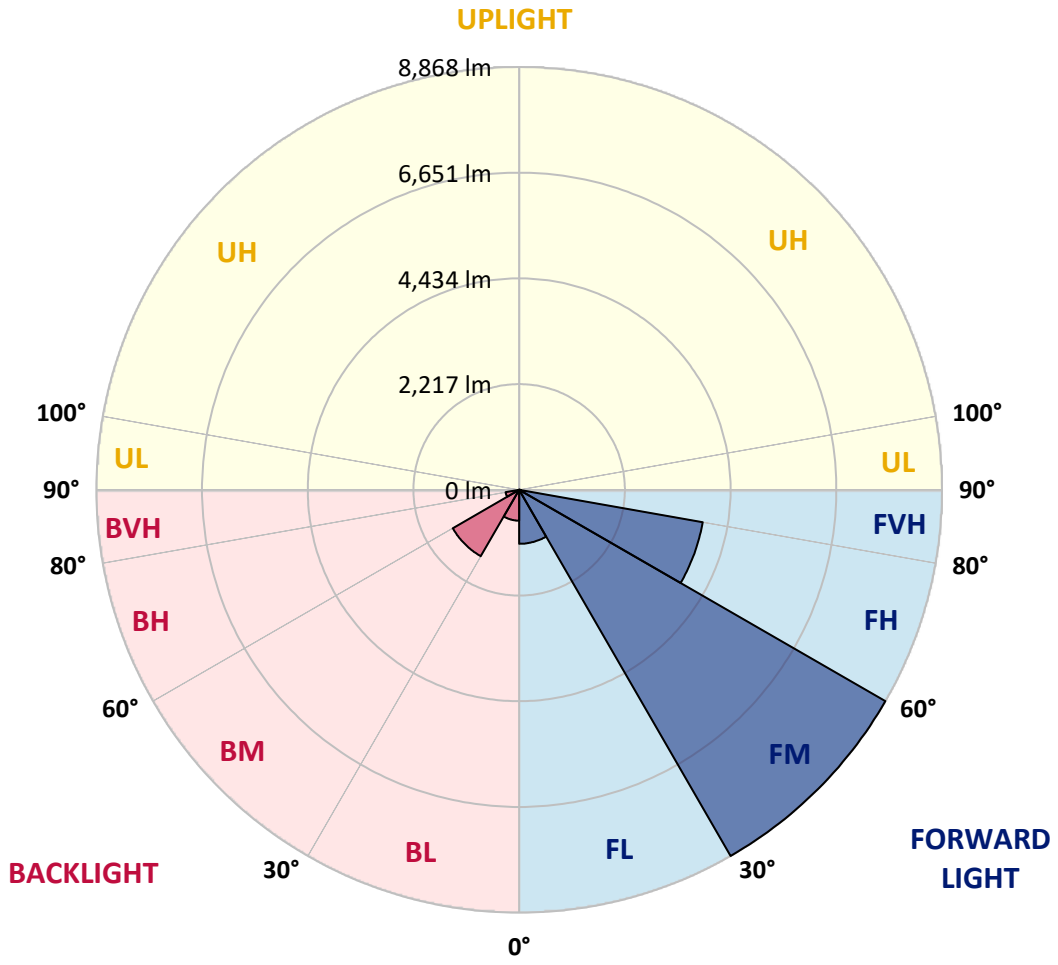
Scaled Data Report

REPORT NUMBER: P1502298
CATALOG NUMBER: GSS-SB4B-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1132.9	6.9			
FM	(30°-60°)	8868.3	53.8			
FH	(60°-80°)	3909.4	23.7			G2/5000
FVH	(80°-90°)	35.3	0.2			G1/100
BL	(0°-30°)	647.2	3.9	B2/1000		
BM	(30°-60°)	1608.8	9.8	B2/2500		
BH	(60°-80°)	289.5	1.8	B1/500		G1/500
BVH	(80°-90°)	4.2	0.0			G0/10
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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	*2153.5*	2153.5
2.5°	2095.3	2099.8	2090.8	2095.3	2104.2	2099.8	2117.7	2131.1	2144.5	*2149.0*	2153.5
5°	1911.7	1916.2	1920.7	1956.5	1978.9	2032.6	2081.9	2113.2	2158.0	*2180.4*	2184.8
7.5°	1692.3	1692.3	1710.3	1755.0	1813.2	1916.2	2028.1	2117.7	2202.7	*2247.5*	2256.5
10°	1652.1	1656.5	1656.5	1687.9	1737.1	1840.1	1983.4	2162.4	2314.7	*2381.8*	2404.2
12.5°	1661.0	1665.5	1670.0	1701.3	1750.6	1840.1	2023.7	2256.5	2493.8	*2605.7*	2619.1
15°	1683.4	1692.3	1705.8	1746.1	1799.8	1916.2	2108.7	2390.8	2708.7	*2851.9*	2887.7
17.5°	1750.6	1755.0	1777.4	1822.2	1907.3	2023.7	2234.1	2565.4	3008.6	*3165.3*	3232.5
20°	1853.5	1862.5	1893.8	1956.5	2055.0	2202.7	2435.5	2793.7	3331.0	*3572.7*	3626.5
22.5°	1983.4	1983.4	2028.1	2126.6	2265.4	2431.1	2713.1	3098.2	3725.0	*4007.0*	4096.6
25°	2198.3	2193.8	2229.6	2341.5	2507.2	2748.9	3035.5	3460.8	4136.9	*4472.6*	4566.7
27.5°	2690.7	2677.3	2663.9	2668.4	2811.6	3120.5	3451.9	3917.5	4647.2	*5041.2*	5112.9
30°	3263.8	3281.7	3263.8	3219.0	3241.4	3528.0	3939.9	4477.1	5220.3	*5663.5*	5757.6
32.5°	3765.3	3774.2	3850.3	3899.6	3917.5	4051.8	4504.0	5153.2	5950.1	*6433.6*	6554.5
35°	4311.5	4324.9	4410.0	4512.9	4674.1	4795.0	5211.4	5936.7	6693.3	*7302.2*	7391.7
37.5°	4947.2	4969.6	5081.5	5229.3	5453.1	5730.7	5954.6	6648.5	7449.9	*8152.8*	8246.8
40°	5506.8	5578.5	5771.0	5959.0	6196.3	6509.7	6657.5	7270.8	8009.6	*8905.0*	9061.7
42.5°	6035.1	6075.4	6384.4	6675.4	6957.4	7212.6	7355.9	7758.8	8506.5	*9603.4*	9778.0
45°	6473.9	6505.2	6850.0	7235.0	7584.2	7839.4	7861.8	8233.4	8999.0	*10342.1*	10476.4
47.5°	6742.5	6791.8	7235.0	7673.8	8058.8	8296.1	8260.3	8837.8	9536.3	*11201.7*	11219.6
50°	6903.7	6935.0	7387.2	7955.8	8430.4	8596.1	8672.2	9415.4	10024.3	*12016.6*	11909.1
52.5°	7020.1	7069.4	7512.6	8117.0	8649.8	8873.6	9146.7	10064.6	10409.3	*12683.7*	12397.1
55°	*6657.5*	*6729.1*	*7494.7*	*8188.6*	*8837.8*	*9213.9*	*9751.2*	*10597.3*	*10454.1*	*12983.6*	*12459.8*
57.5°	6250.1	6263.5	7020.1	8166.3	9048.2	9572.1	10306.3	10637.6	10037.7	*12437.4*	11824.1
60°	5650.1	5730.7	6505.2	7875.2	9084.1	9858.6	10682.4	10149.6	9276.6	*11425.6*	10503.3
62.5°	3966.7	4092.1	5103.9	7109.7	8828.9	10015.3	10619.7	9299.0	8323.0	*9863.1*	8828.9
65°	2220.6	2328.1	3156.4	5735.2	8126.0	9979.5	9975.0	8161.8	6791.8	*7127.6*	6312.7
67.5°	1217.8	1302.8	1638.6	4315.9	6447.0	9213.9	8618.4	6227.7	4553.2	*4526.4*	3939.9
70°	850.7	855.1	1034.2	2914.6	4633.8	6429.1	6738.1	4177.1	2825.1	*2498.2*	2108.7
72.5°	416.4	420.8	514.9	1374.5	2834.0	3563.8	4620.4	2171.4	1584.9	*1240.2*	1056.6
75°	210.4	205.9	282.1	514.9	1173.0	1737.1	2037.1	1087.9	922.3	*680.5*	604.4
77.5°	134.3	138.8	165.7	282.1	528.3	676.0	626.8	591.0	541.7	*398.5*	344.7
80°	89.5	89.5	111.9	179.1	259.7	322.4	192.5	273.1	317.9	*232.8*	201.5
82.5°	26.9	26.9	67.2	98.5	125.4	129.8	85.1	125.4	179.1	*129.8*	98.5
85°	17.9	17.9	35.8	49.2	53.7	44.8	26.9	53.7	85.1	*58.2*	49.2
87.5°	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	*4.5*	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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Scaled Data Report

REPORT NUMBER: P1502298
CATALOG NUMBER: GSS-SB4B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5	2153.5
2.5°	2158.0	2162.4	2175.9	2180.4	2189.3	2193.8	2193.8	2193.8	2189.3	2193.8	2202.7
5°	2193.8	2216.2	2234.1	2229.6	2229.6	2207.2	2189.3	2153.5	2135.6	2131.1	2135.6
7.5°	2283.3	2301.2	2319.1	2292.3	2225.1	2122.2	2010.2	1920.7	1844.6	1808.8	1822.2
10°	2444.5	2466.9	2466.9	2341.5	2153.5	1911.7	1710.3	1544.6	1419.2	1352.1	1383.4
12.5°	2677.3	2695.2	2650.5	2386.3	2028.1	1629.7	1293.9	1016.3	855.1	774.5	756.6
15°	2945.9	2972.8	2820.6	2377.3	1831.1	1217.8	805.9	604.4	546.2	528.3	532.8
17.5°	3290.7	3304.1	3008.6	2305.7	1490.9	796.9	573.1	514.9	501.4	492.5	492.5
20°	3716.0	3675.7	3160.8	2184.8	1087.9	626.8	528.3	483.5	470.1	465.6	470.1
22.5°	4172.7	4110.0	3286.2	1956.5	823.8	591.0	505.9	456.7	438.8	434.3	434.3
25°	4651.7	4508.5	3384.7	1620.7	770.1	582.0	479.1	416.4	398.5	389.5	389.5
27.5°	5197.9	4951.7	3438.4	1356.6	783.5	568.6	447.7	380.6	353.7	344.7	344.7
30°	5802.3	5444.2	3442.9	1302.8	810.4	550.7	416.4	340.3	313.4	300.0	304.4
32.5°	6536.6	5945.6	3429.5	1387.9	828.3	537.3	380.6	300.0	277.6	264.1	264.1
35°	7297.7	6554.5	3375.7	1549.1	837.2	497.0	335.8	264.1	237.3	232.8	237.3
37.5°	8054.3	7132.0	3299.6	1638.6	792.4	407.4	273.1	228.3	210.4	210.4	210.4
40°	8743.8	7633.5	3196.7	1562.5	631.3	295.5	223.9	197.0	188.0	183.6	188.0
42.5°	9258.7	8081.2	3008.6	1316.3	447.7	237.3	197.0	174.6	165.7	165.7	170.1
45°	9822.8	8511.0	2646.0	967.1	340.3	205.9	170.1	152.2	147.7	147.7	152.2
47.5°	10391.4	8855.7	2296.8	644.7	295.5	183.6	152.2	138.8	134.3	129.8	134.3
50°	10825.7	9021.4	1840.1	470.1	268.6	165.7	138.8	129.8	120.9	116.4	116.4
52.5°	11134.6	8976.6	1347.6	402.9	246.2	152.2	129.8	120.9	107.5	107.5	107.5
55°	*10946.5*	*8403.5*	*971.5*	*362.6*	*228.3*	*143.3*	*125.4*	*111.9*	*103.0*	*98.5*	*98.5*
57.5°	10033.2	7163.4	702.9	326.8	201.5	134.3	120.9	107.5	94.0	89.5	89.5
60°	8721.4	5578.5	523.8	286.5	174.6	129.8	107.5	103.0	89.5	80.6	80.6
62.5°	7127.6	4060.7	407.4	246.2	156.7	111.9	103.0	94.0	80.6	71.6	67.2
65°	4947.2	2592.2	313.4	201.5	147.7	98.5	94.0	80.6	67.2	53.7	53.7
67.5°	3053.4	1540.1	241.8	156.7	116.4	85.1	80.6	71.6	58.2	44.8	44.8
70°	1687.9	814.8	165.7	116.4	89.5	67.2	62.7	62.7	49.2	40.3	35.8
72.5°	810.4	443.2	111.9	98.5	67.2	44.8	49.2	49.2	40.3	31.3	31.3
75°	488.0	264.1	76.1	76.1	44.8	35.8	35.8	40.3	31.3	22.4	22.4
77.5°	277.6	156.7	44.8	58.2	31.3	22.4	26.9	22.4	17.9	13.4	13.4
80°	156.7	89.5	26.9	40.3	17.9	13.4	13.4	9.0	9.0	4.5	4.5
82.5°	76.1	49.2	13.4	13.4	9.0	4.5	4.5	4.5	4.5	0.0	0.0
85°	35.8	9.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	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: SP1-2407-184-9

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

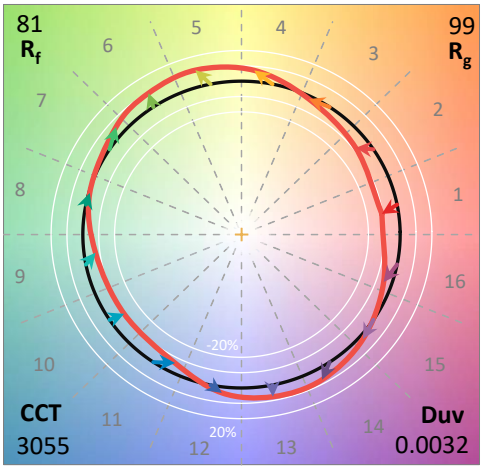
Test Information

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

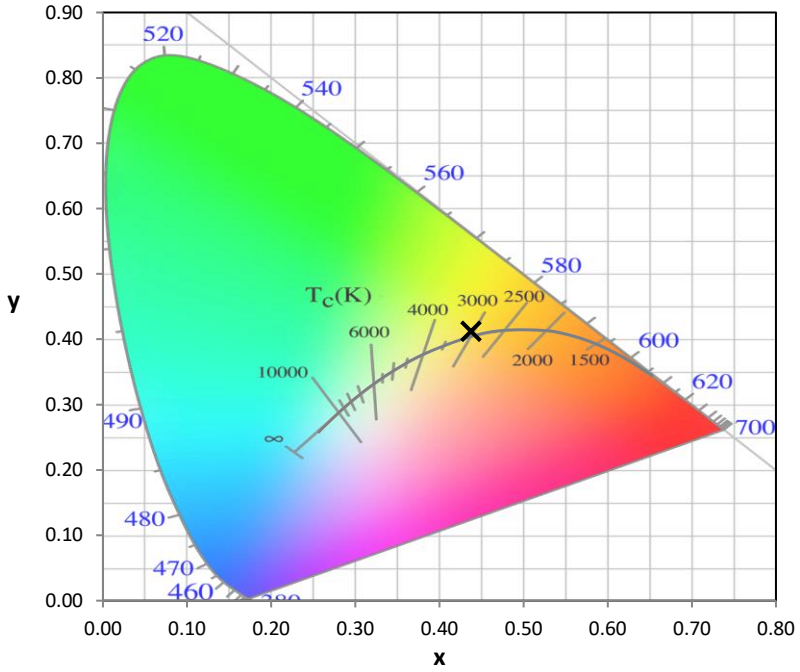
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

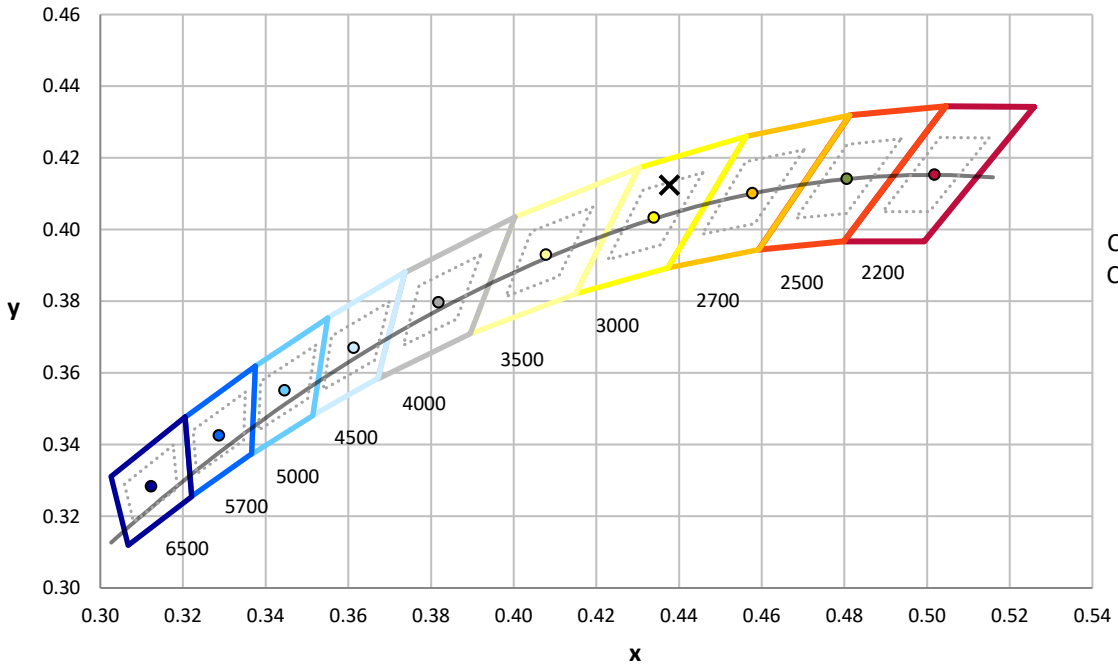
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

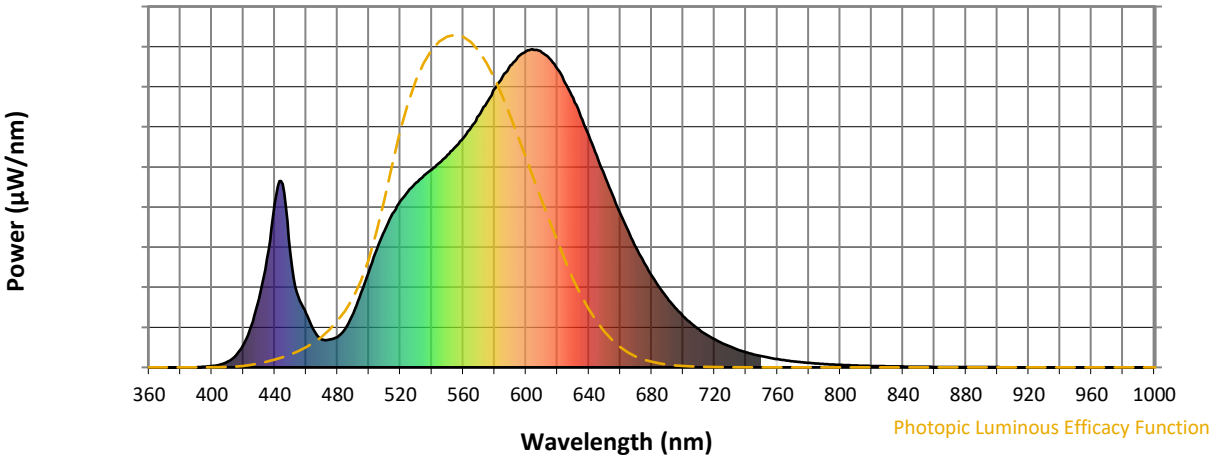


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

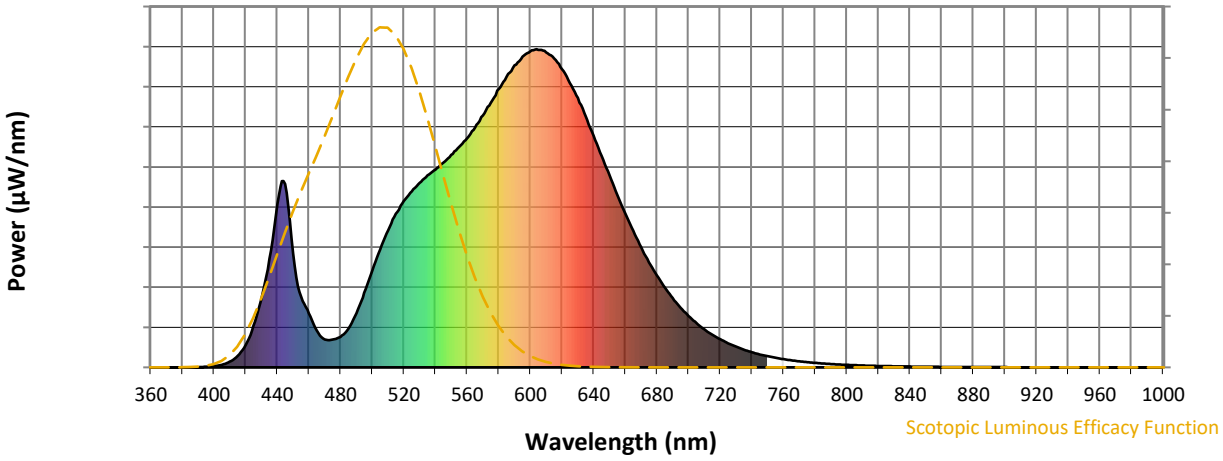


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

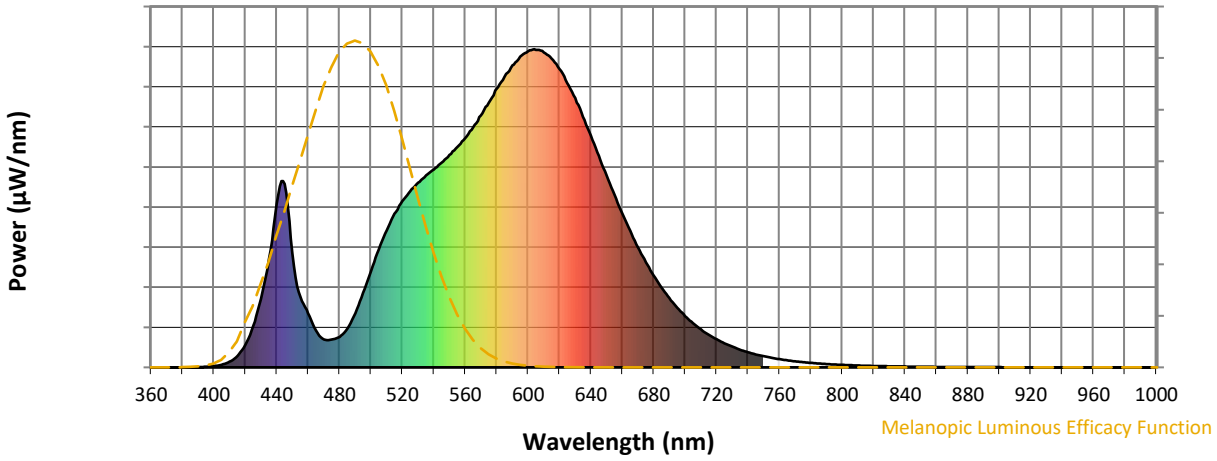


Scotopic Lumens: NR **S/P: 1.28**

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			

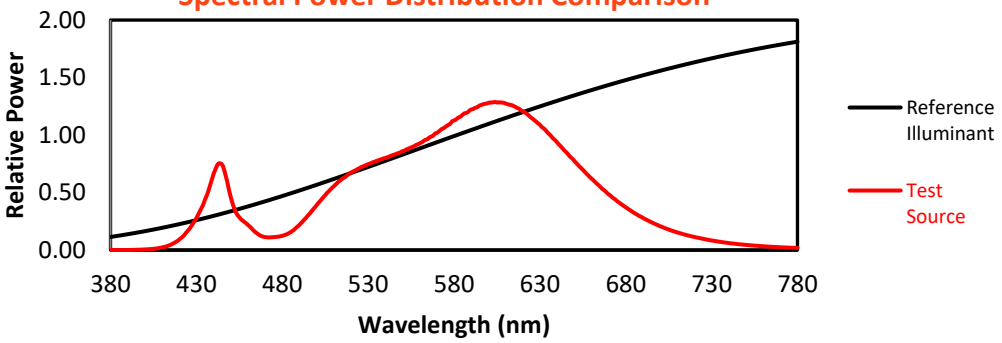
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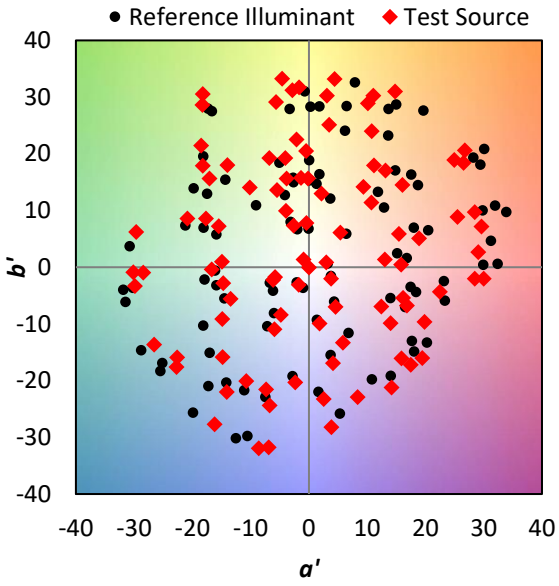
Summary

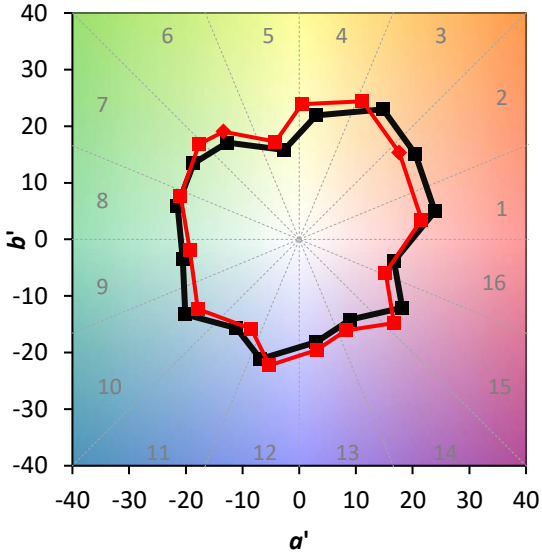
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

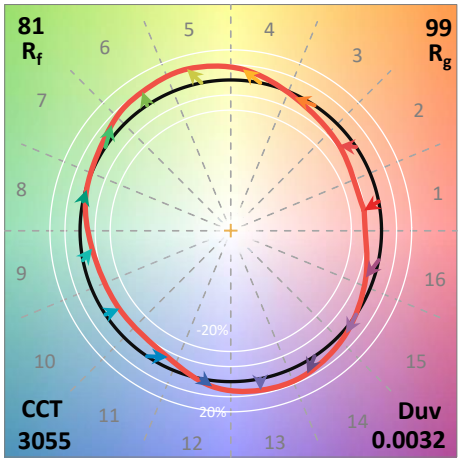
Spectral Power Distribution Comparison

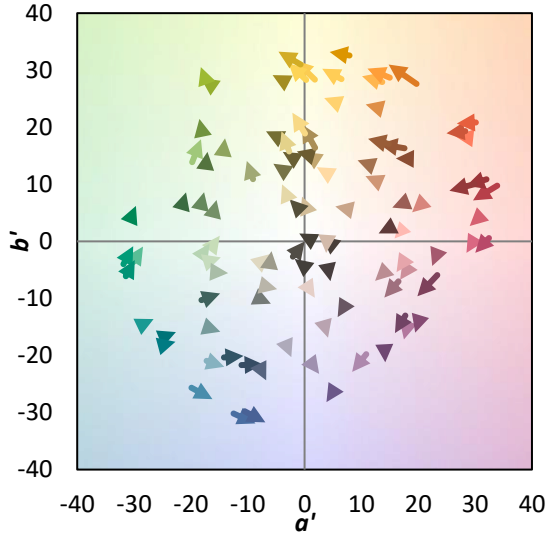


Color Vector Graphics







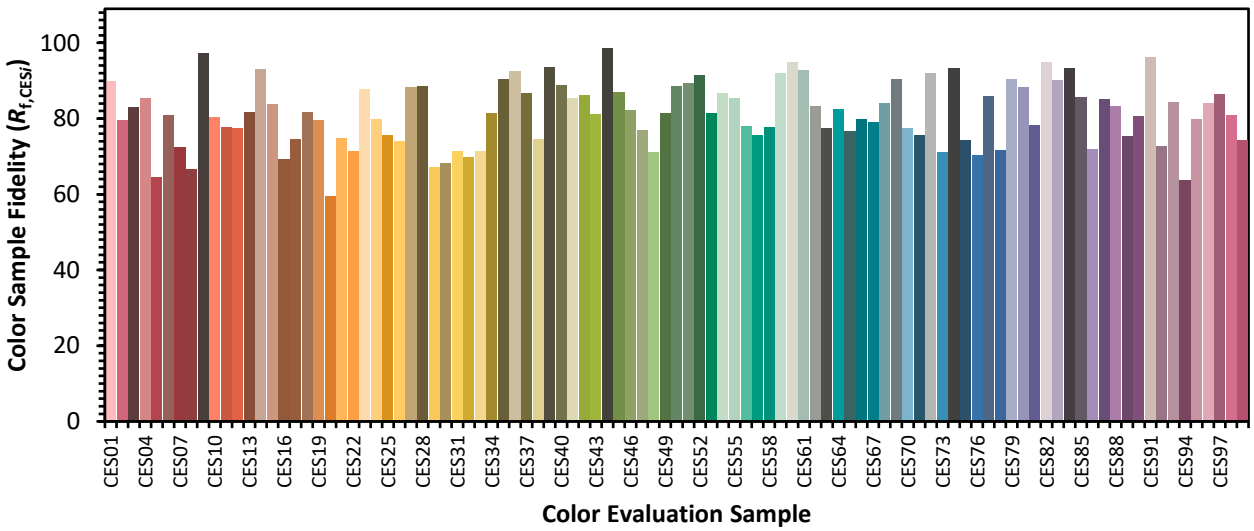


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Individual Sample Fidelity Index ($R_{f,i}$)

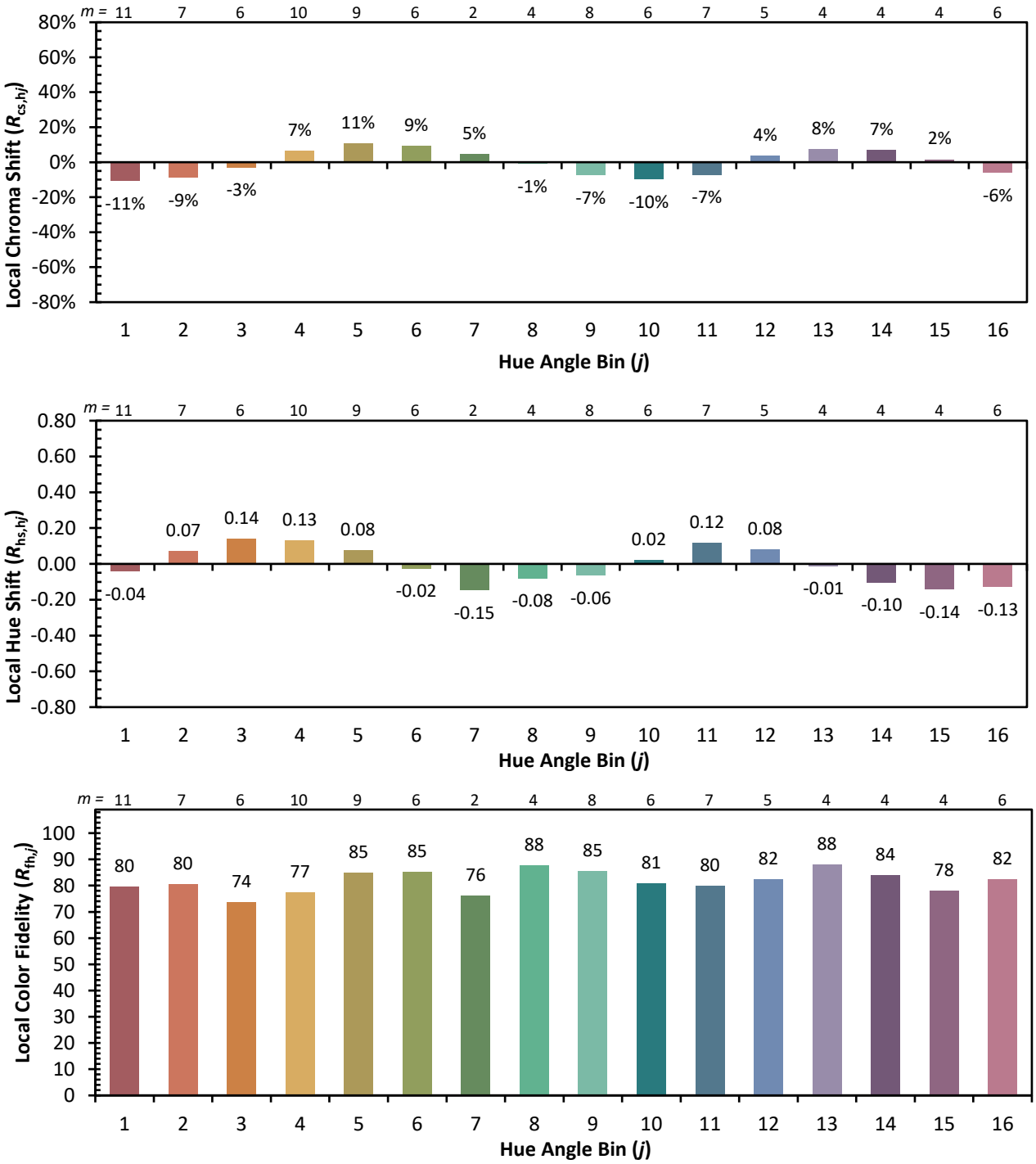
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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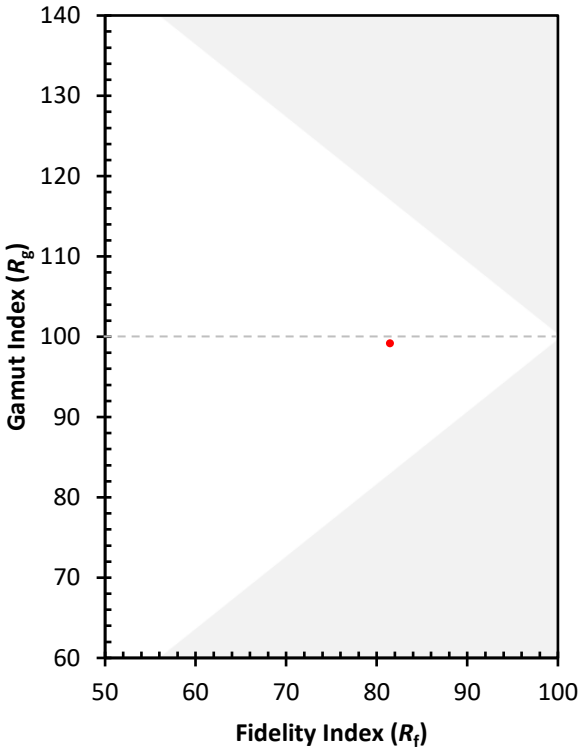
Color Rendition by Hue-Angle Bin

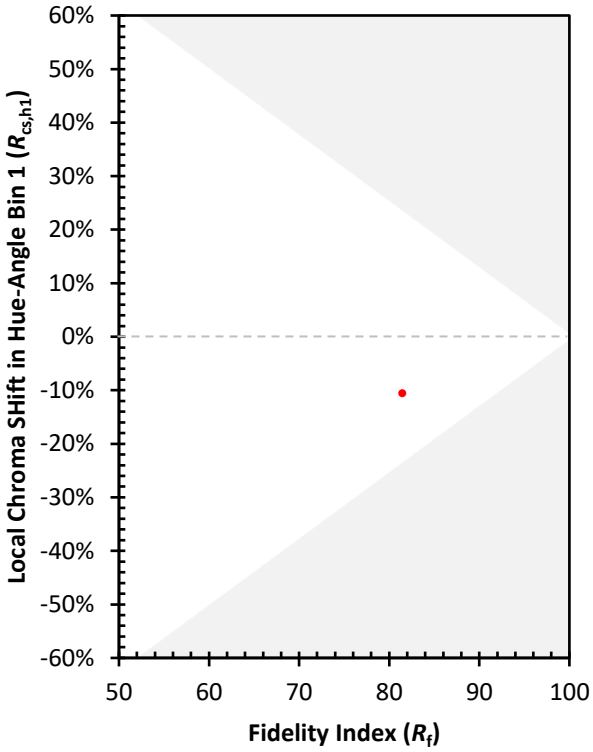


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Measure Comparisons





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