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: P1502367

Luminaire Tested: GSS-SB3C-850-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:	P1502367
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-850-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16660.7 lumens
Efficiency:	N/A
Efficacy:	111.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

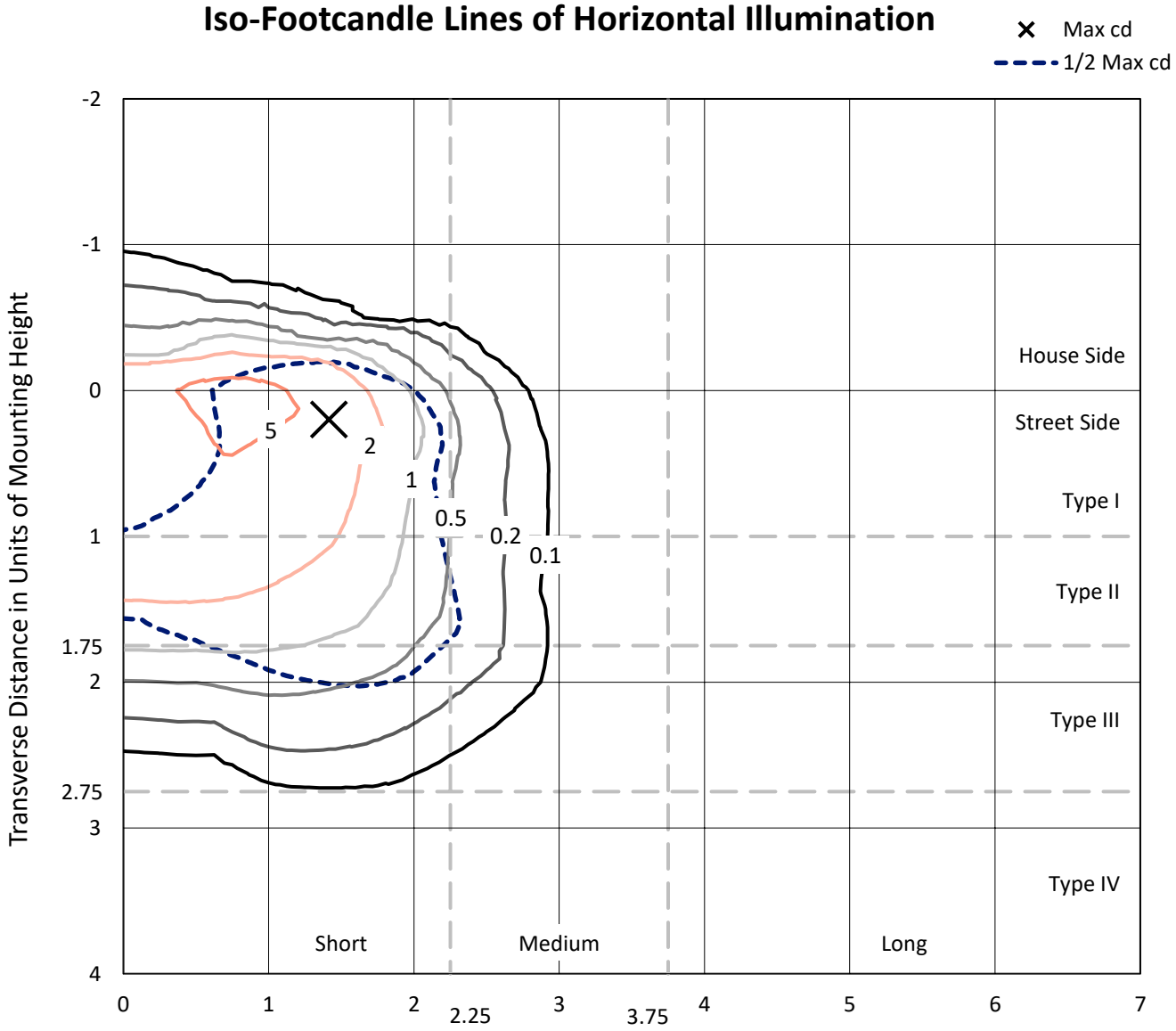
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502367
CATALOG NUMBER: GSS-SB3C-850-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



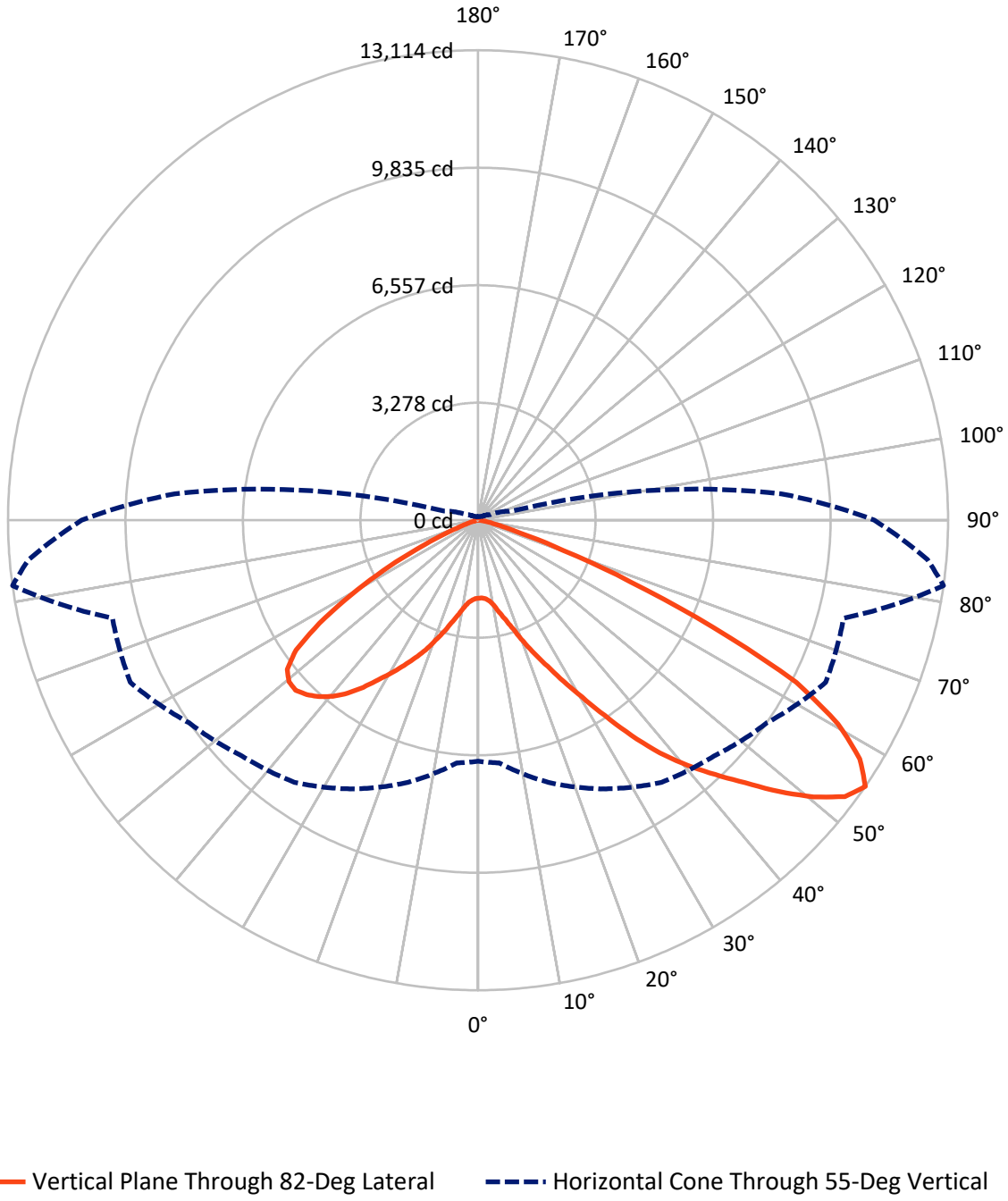
Based on 25 foot mounting height. Maximum calculated value = 6.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502367
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Luminous Intensity Polar Plot



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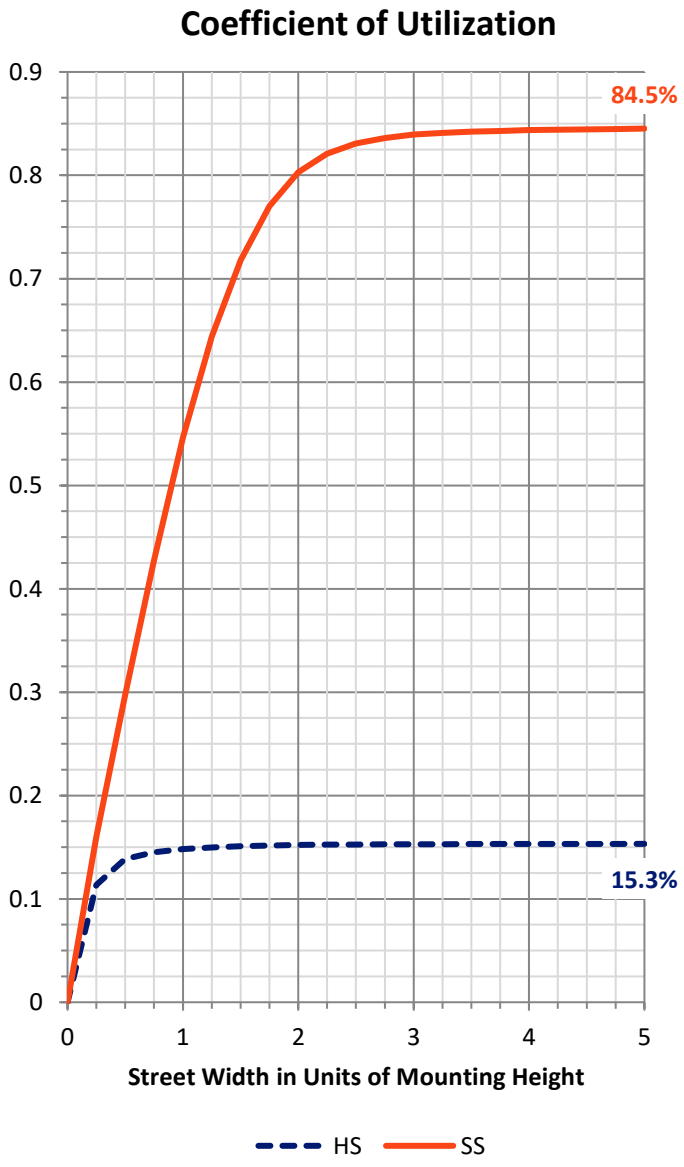
REPORT NUMBER: P1502367
CATALOG NUMBER: GSS-SB3C-850-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2575.2	0.0	2575.2
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	14085.5	0.0	14085.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	16660.7	0.0	16660.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.2	1.2
10°-20°	533.7	3.2
20°-30°	1067.0	6.4
30°-40°	2209.5	13.3
40°-50°	3691.0	22.2
50°-60°	4681.4	28.1
60°-70°	3499.7	21.0
70°-80°	741.3	4.4
80°-90°	39.9	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°	16660.7	100.0
0°-180°	16660.7	100.0



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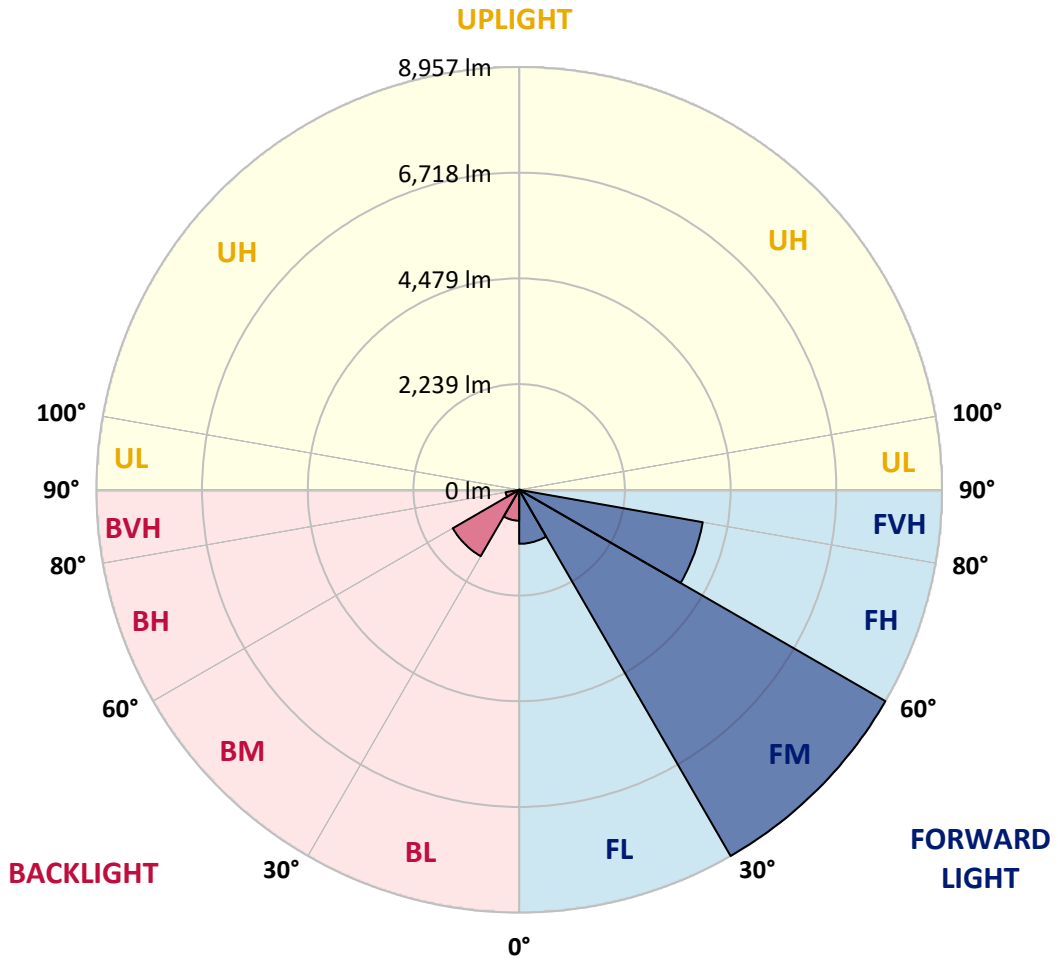
Scaled Data Report

REPORT NUMBER: P1502367
CATALOG NUMBER: GSS-SB3C-850-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1144.2	6.9			
FM	(30°-60°)	8957.1	53.8			
FH	(60°-80°)	3948.5	23.7			G2/5000
FVH	(80°-90°)	35.7	0.2			G1/100
BL	(0°-30°)	653.7	3.9	B2/1000		
BM	(30°-60°)	1624.9	9.8	B2/2500		
BH	(60°-80°)	292.4	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°	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	*2175.1*	2175.1
2.5°	2116.3	2120.8	2111.7	2116.3	2125.3	2120.8	2138.9	2152.4	2166.0	*2170.5*	2175.1
5°	1930.9	1935.4	1939.9	1976.1	1998.7	2053.0	2102.7	2134.4	2179.6	*2202.2*	2206.7
7.5°	1709.3	1709.3	1727.4	1772.6	1831.4	1935.4	2048.4	2138.9	2224.8	*2270.0*	2279.1
10°	1668.6	1673.1	1673.1	1704.8	1754.5	1858.5	2003.2	2184.1	2337.8	*2405.7*	2428.3
12.5°	1677.6	1682.2	1686.7	1718.3	1768.1	1858.5	2043.9	2279.1	2518.7	*2631.8*	2645.3
15°	1700.2	1709.3	1722.9	1763.6	1817.8	1935.4	2129.8	2414.7	2735.8	*2880.5*	2916.6
17.5°	1768.1	1772.6	1795.2	1840.4	1926.3	2043.9	2256.4	2591.1	3038.7	*3197.0*	3264.8
20°	1872.1	1881.1	1912.8	1976.1	2075.6	2224.8	2459.9	2821.7	3364.3	*3608.5*	3662.8
22.5°	2003.2	2003.2	2048.4	2147.9	2288.1	2455.4	2740.3	3129.2	3762.3	*4047.1*	4137.6
25°	2220.3	2215.7	2251.9	2365.0	2532.3	2776.5	3065.9	3495.5	4178.3	*4517.4*	4612.4
27.5°	2717.7	2704.1	2690.6	2695.1	2839.8	3151.8	3486.4	3956.7	4693.8	*5091.7*	5164.1
30°	3296.5	3314.6	3296.5	3251.3	3273.9	3563.3	3979.3	4521.9	5272.6	*5720.3*	5815.2
32.5°	3802.9	3812.0	3888.9	3938.6	3956.7	4092.4	4549.1	5204.8	6009.7	*6498.0*	6620.1
35°	4354.6	4368.2	4454.1	4558.1	4720.9	4843.0	5263.5	5996.1	6760.3	*7375.3*	7465.7
37.5°	4996.7	5019.4	5132.4	5281.6	5507.7	5788.1	6014.2	6715.1	7524.5	*8234.4*	8329.4
40°	5562.0	5634.3	5828.8	6018.7	6258.4	6574.9	6724.1	7343.6	8089.7	*8994.1*	9152.4
42.5°	6095.6	6136.3	6448.3	6742.2	7027.1	7284.8	7429.5	7836.5	8591.7	*9699.6*	9875.9
45°	6538.7	6570.4	6918.6	7307.5	7660.2	7917.9	7940.5	8315.8	9089.1	*10445.7*	10581.3
47.5°	6810.0	6859.8	7307.5	7750.6	8139.5	8379.2	8343.0	8926.3	9631.7	*11313.9*	11332.0
50°	6972.8	7004.5	7461.2	8035.5	8514.8	8682.1	8759.0	9509.6	10124.6	*12136.9*	12028.4
52.5°	7090.4	7140.1	7587.8	8198.3	8736.4	8962.5	9238.3	10165.3	10513.5	*12810.6*	12521.2
55°	*6724.1*	*6796.5*	*7569.7*	*8270.6*	*8926.3*	*9306.1*	*9848.8*	*10703.4*	*10558.7*	*13113.6*	*12584.6*
57.5°	6312.6	6326.2	7090.4	8248.0	9138.8	9667.9	10409.5	10744.1	10138.2	*12561.9*	11942.4
60°	5706.7	5788.1	6570.4	7954.1	9175.0	9957.3	10789.3	10251.2	9369.5	*11540.0*	10608.5
62.5°	4006.4	4133.1	5155.0	7180.8	8917.3	10115.6	10726.0	9392.1	8406.3	*9961.8*	8917.3
65°	2242.9	2351.4	3188.0	5792.6	8207.3	10079.4	10074.9	8243.5	6859.8	*7198.9*	6375.9
67.5°	1230.0	1315.9	1655.0	4359.1	6511.6	9306.1	8704.7	6290.0	4598.8	*4571.7*	3979.3
70°	859.2	863.7	1044.6	2943.8	4680.2	6493.5	6805.5	4219.0	2853.3	*2523.2*	2129.8
72.5°	420.5	425.1	520.0	1388.2	2862.4	3599.5	4666.6	2193.1	1600.8	*1252.6*	1067.2
75°	212.5	208.0	284.9	520.0	1184.7	1754.5	2057.5	1098.8	931.5	*687.3*	610.5
77.5°	135.7	140.2	167.3	284.9	533.6	682.8	633.1	596.9	547.2	*402.5*	348.2
80°	90.4	90.4	113.0	180.9	262.3	325.6	194.4	275.8	321.1	*235.1*	203.5
82.5°	27.1	27.1	67.8	99.5	126.6	131.1	85.9	126.6	180.9	*131.1*	99.5
85°	18.1	18.1	36.2	49.7	54.3	45.2	27.1	54.3	85.9	*58.8*	49.7
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: P1502367
CATALOG NUMBER: GSS-SB3C-850-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1	2175.1
2.5°	2179.6	2184.1	2197.7	2202.2	2211.2	2215.7	2215.7	2215.7	2211.2	2215.7	2224.8
5°	2215.7	2238.4	2256.4	2251.9	2251.9	2229.3	2211.2	2175.1	2157.0	2152.4	2157.0
7.5°	2306.2	2324.3	2342.4	2315.2	2247.4	2143.4	2030.3	1939.9	1863.0	1826.9	1840.4
10°	2469.0	2491.6	2491.6	2365.0	2175.1	1930.9	1727.4	1560.1	1433.5	1365.6	1397.3
12.5°	2704.1	2722.2	2677.0	2410.2	2048.4	1646.0	1306.8	1026.5	863.7	782.3	764.2
15°	2975.4	3002.6	2848.8	2401.1	1849.5	1230.0	813.9	610.5	551.7	533.6	538.1
17.5°	3323.6	3337.2	3038.7	2328.8	1505.8	804.9	578.8	520.0	506.5	497.4	497.4
20°	3753.2	3712.5	3192.5	2206.7	1098.8	633.1	533.6	488.4	474.8	470.3	474.8
22.5°	4214.4	4151.1	3319.1	1976.1	832.0	596.9	511.0	461.2	443.1	438.6	438.6
25°	4698.3	4553.6	3418.6	1636.9	777.8	587.9	483.8	420.5	402.5	393.4	393.4
27.5°	5250.0	5001.3	3472.8	1370.1	791.3	574.3	452.2	384.4	357.2	348.2	348.2
30°	5860.4	5498.7	3477.4	1315.9	818.5	556.2	420.5	343.7	316.5	303.0	307.5
32.5°	6602.0	6005.1	3463.8	1401.8	836.6	542.6	384.4	303.0	280.4	266.8	266.8
35°	7370.8	6620.1	3409.5	1564.6	845.6	501.9	339.1	266.8	239.7	235.1	239.7
37.5°	8135.0	7203.4	3332.7	1655.0	800.4	411.5	275.8	230.6	212.5	212.5	212.5
40°	8831.3	7709.9	3228.7	1578.2	637.6	298.4	226.1	199.0	189.9	185.4	189.9
42.5°	9351.4	8162.1	3038.7	1329.4	452.2	239.7	199.0	176.4	167.3	167.3	171.8
45°	9921.1	8596.2	2672.5	976.7	343.7	208.0	171.8	153.7	149.2	149.2	153.7
47.5°	10495.4	8944.4	2319.8	651.2	298.4	185.4	153.7	140.2	135.7	131.1	135.7
50°	10934.0	9111.7	1858.5	474.8	271.3	167.3	140.2	131.1	122.1	117.6	117.6
52.5°	11246.1	9066.5	1361.1	407.0	248.7	153.7	131.1	122.1	108.5	108.5	108.5
55°	*11056.1*	*8487.7*	*981.3*	*366.3*	*230.6*	*144.7*	*126.6*	*113.0*	*104.0*	*99.5*	*99.5*
57.5°	10133.7	7235.1	709.9	330.1	203.5	135.7	122.1	108.5	95.0	90.4	90.4
60°	8808.7	5634.3	529.1	289.4	176.4	131.1	108.5	104.0	90.4	81.4	81.4
62.5°	7198.9	4101.4	411.5	248.7	158.3	113.0	104.0	95.0	81.4	72.4	67.8
65°	4996.7	2618.2	316.5	203.5	149.2	99.5	95.0	81.4	67.8	54.3	54.3
67.5°	3084.0	1555.5	244.2	158.3	117.6	85.9	81.4	72.4	58.8	45.2	45.2
70°	1704.8	823.0	167.3	117.6	90.4	67.8	63.3	63.3	49.7	40.7	36.2
72.5°	818.5	447.7	113.0	99.5	67.8	45.2	49.7	49.7	40.7	31.7	31.7
75°	492.9	266.8	76.9	76.9	45.2	36.2	36.2	40.7	31.7	22.6	22.6
77.5°	280.4	158.3	45.2	58.8	31.7	22.6	27.1	22.6	18.1	13.6	13.6
80°	158.3	90.4	27.1	40.7	18.1	13.6	13.6	9.0	9.0	4.5	4.5
82.5°	76.9	49.7	13.6	13.6	9.0	4.5	4.5	4.5	4.5	0.0	0.0
85°	36.2	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

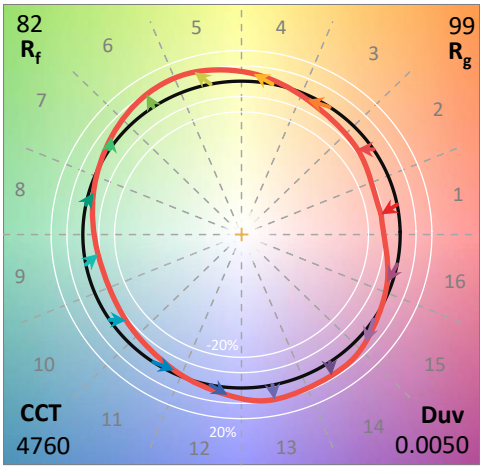
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

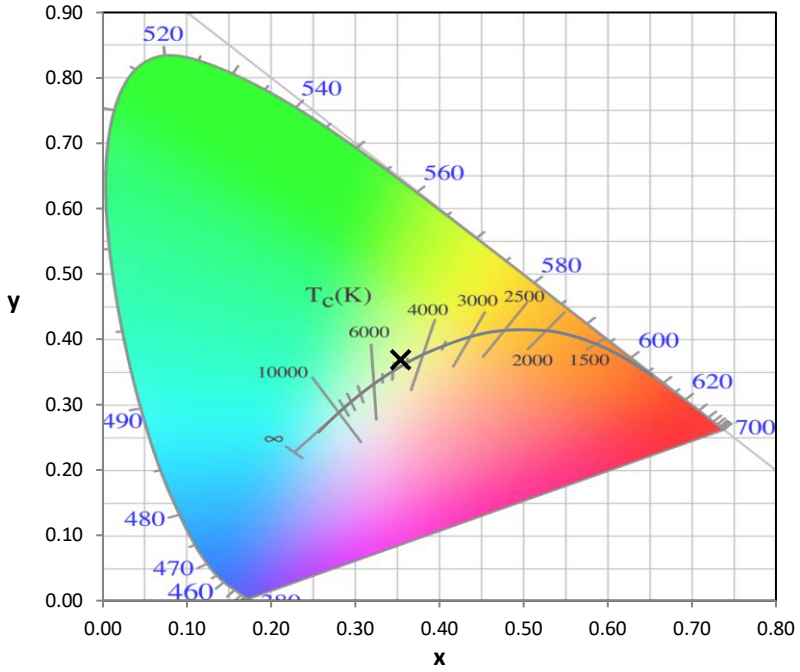
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

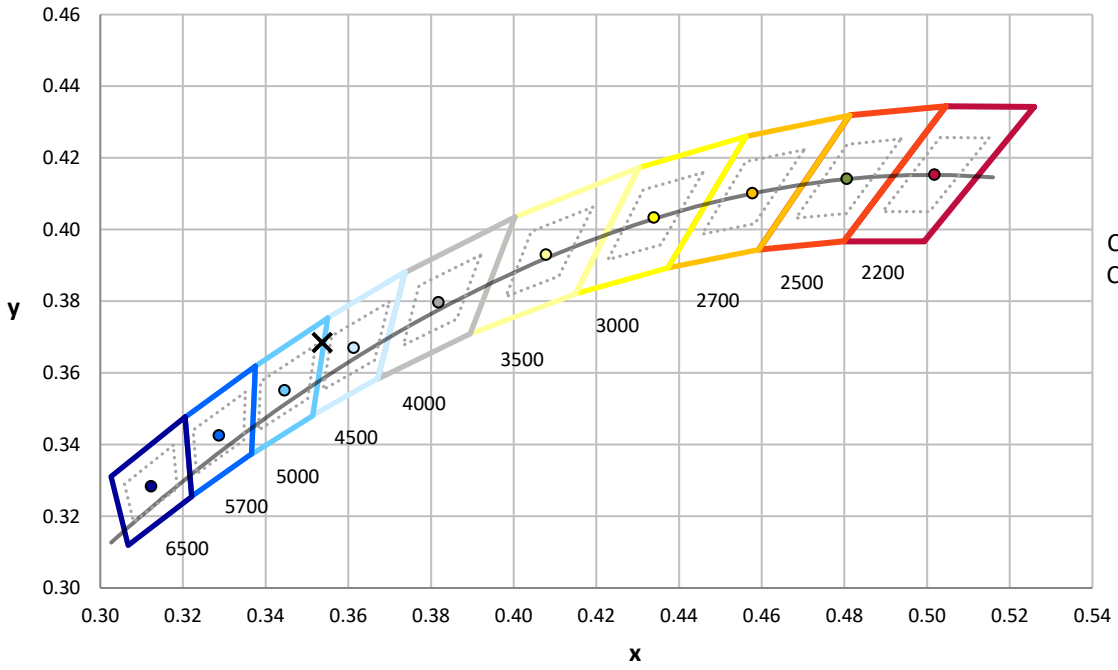
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

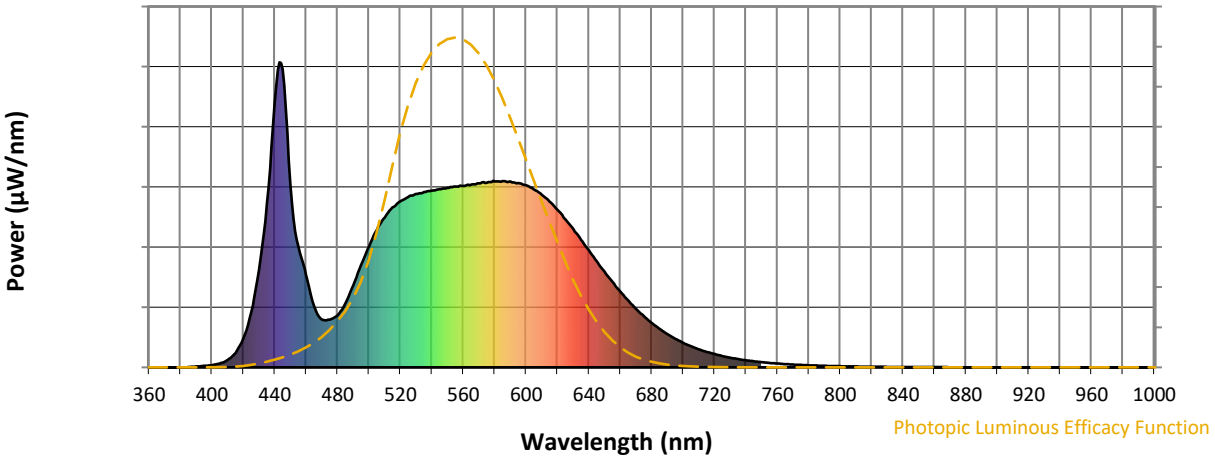


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

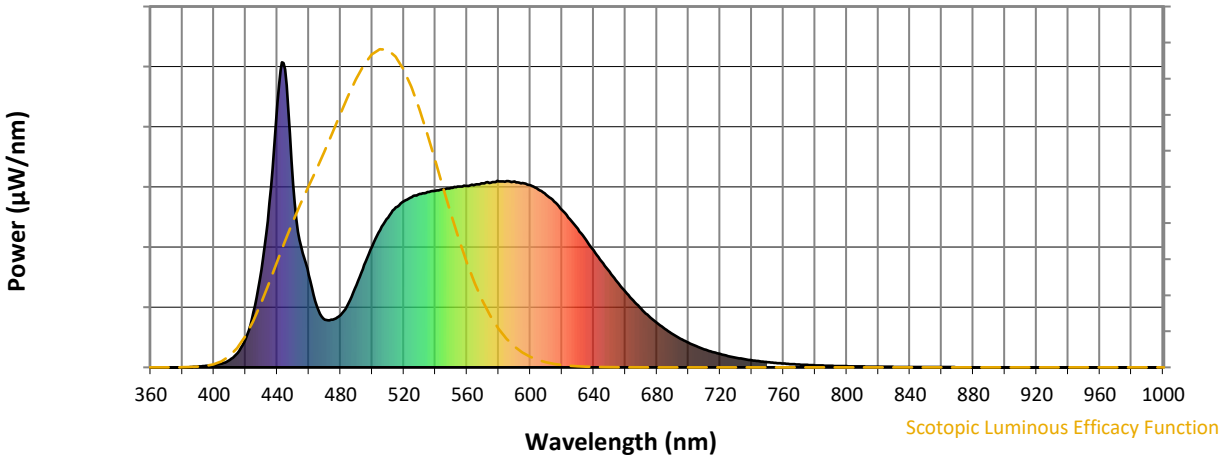


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

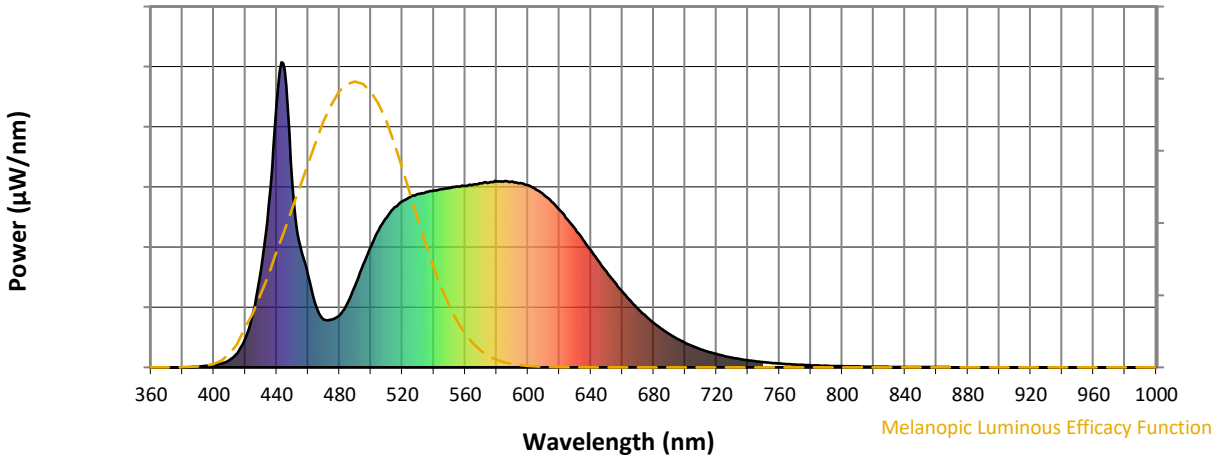


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

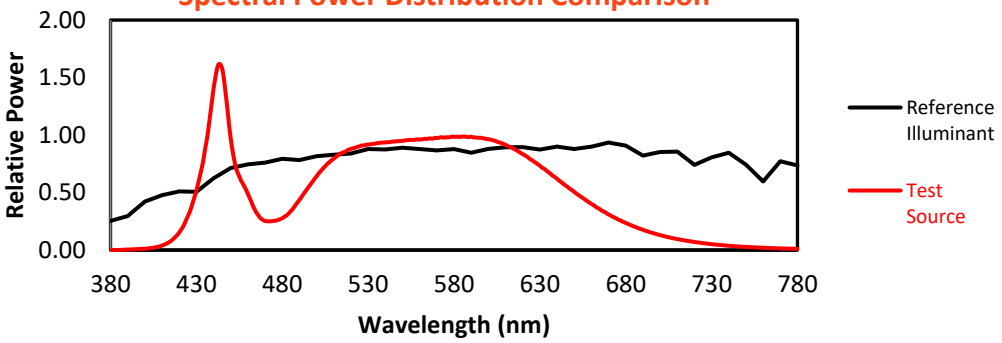
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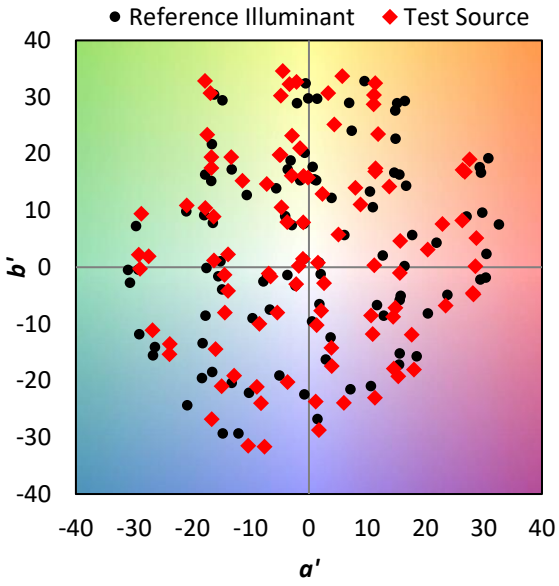
Summary

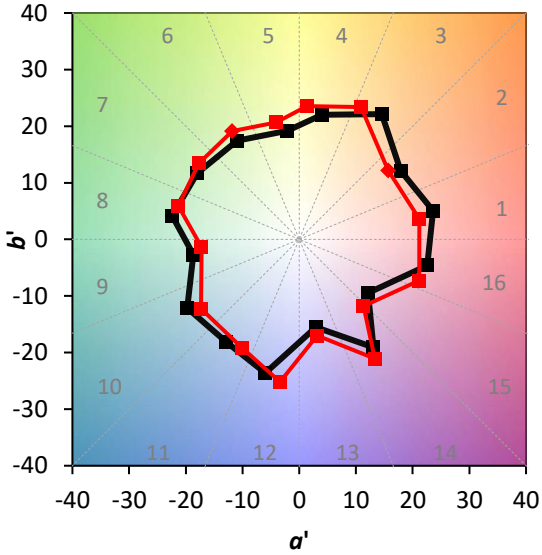
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

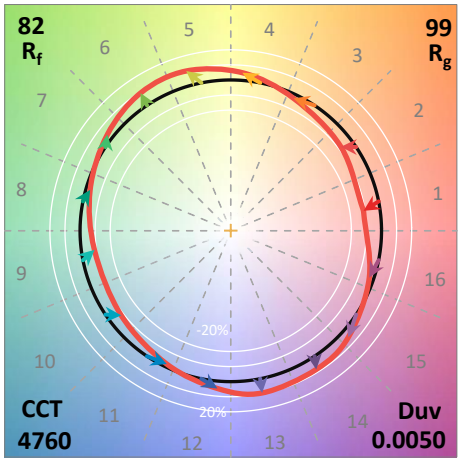
Spectral Power Distribution Comparison

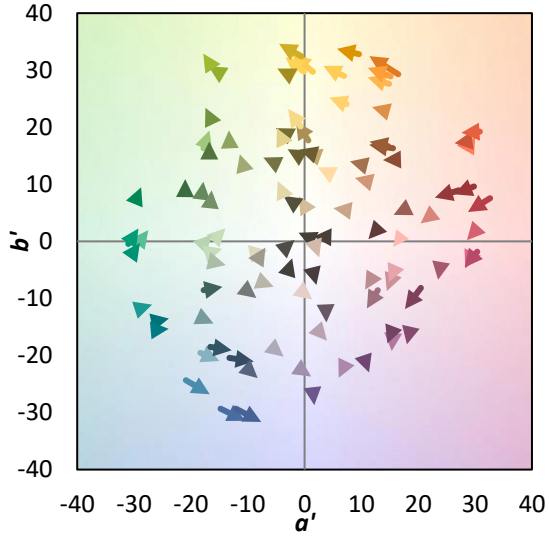


Color Vector Graphics







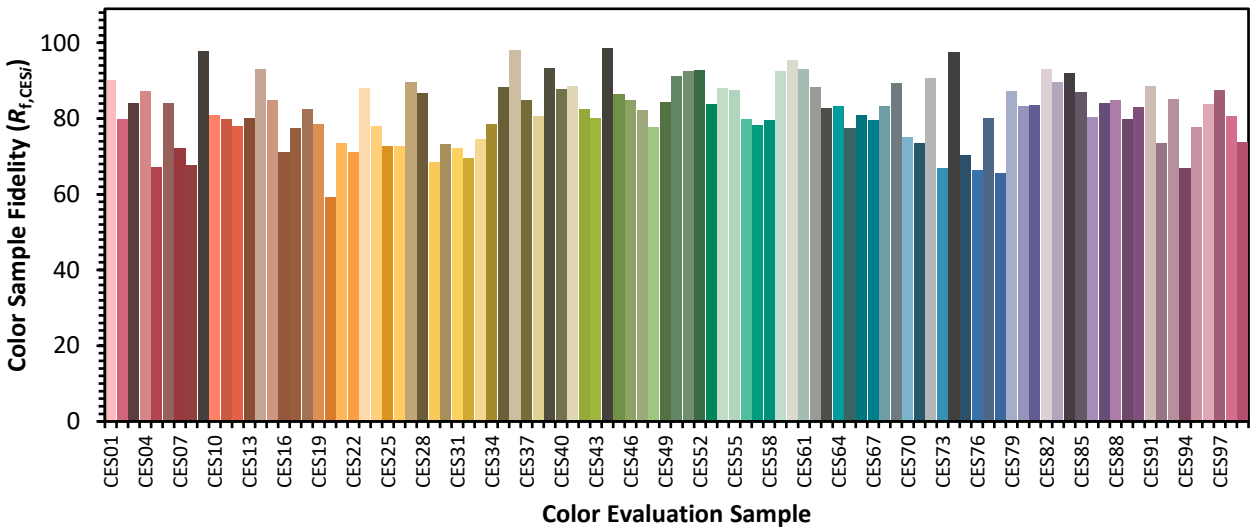


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Individual Sample Fidelity Index ($R_{f,i}$)

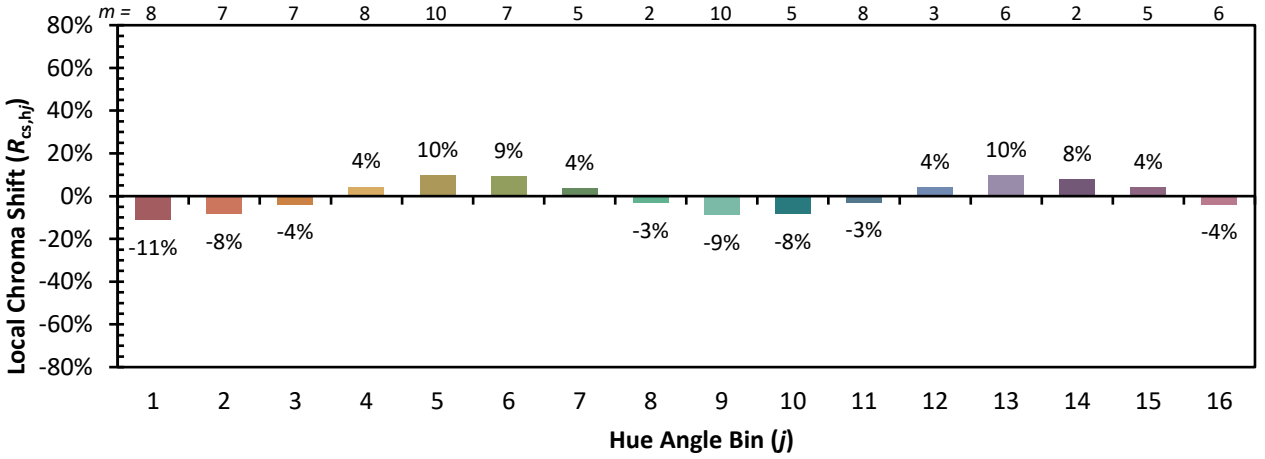
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

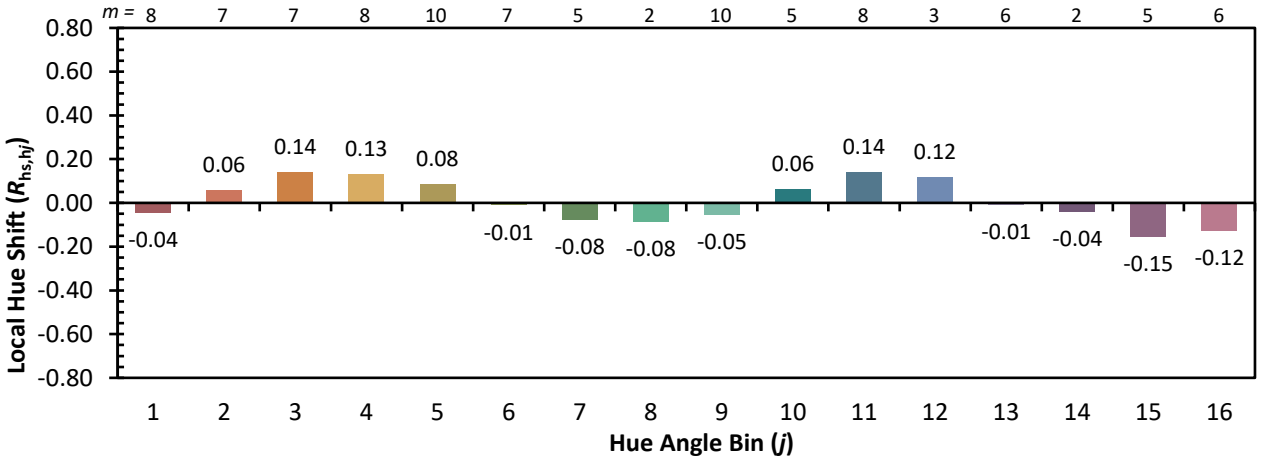


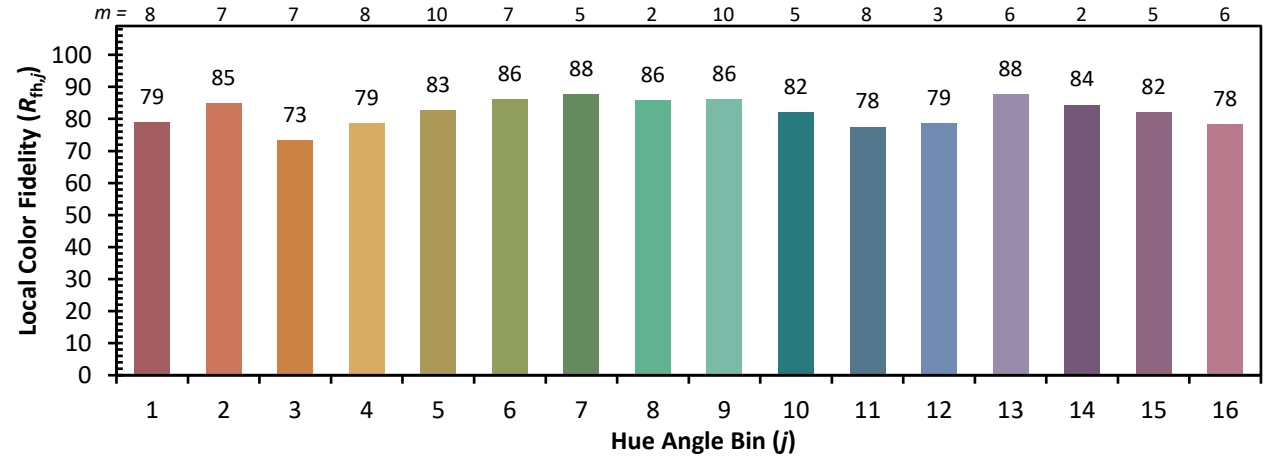
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Color Rendition by Hue-Angle Bin



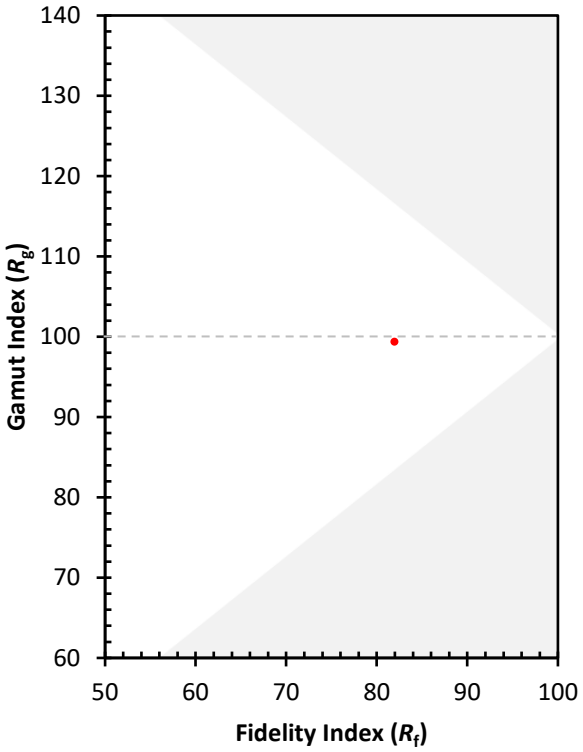


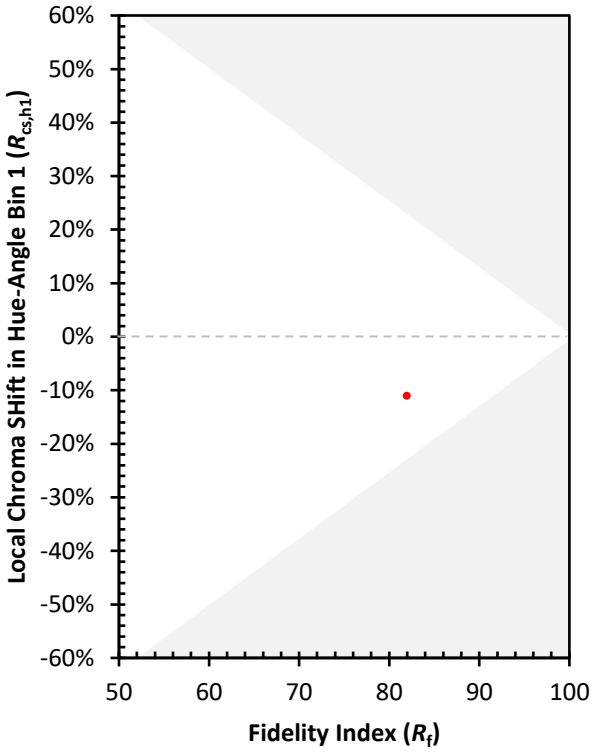


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Measure Comparisons





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