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: P1502755

Luminaire Tested: GSS-SB4C-850-U-T4LG-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:	P1502755
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-850-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22308.9 lumens
Efficiency:	N/A
Efficacy:	109.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

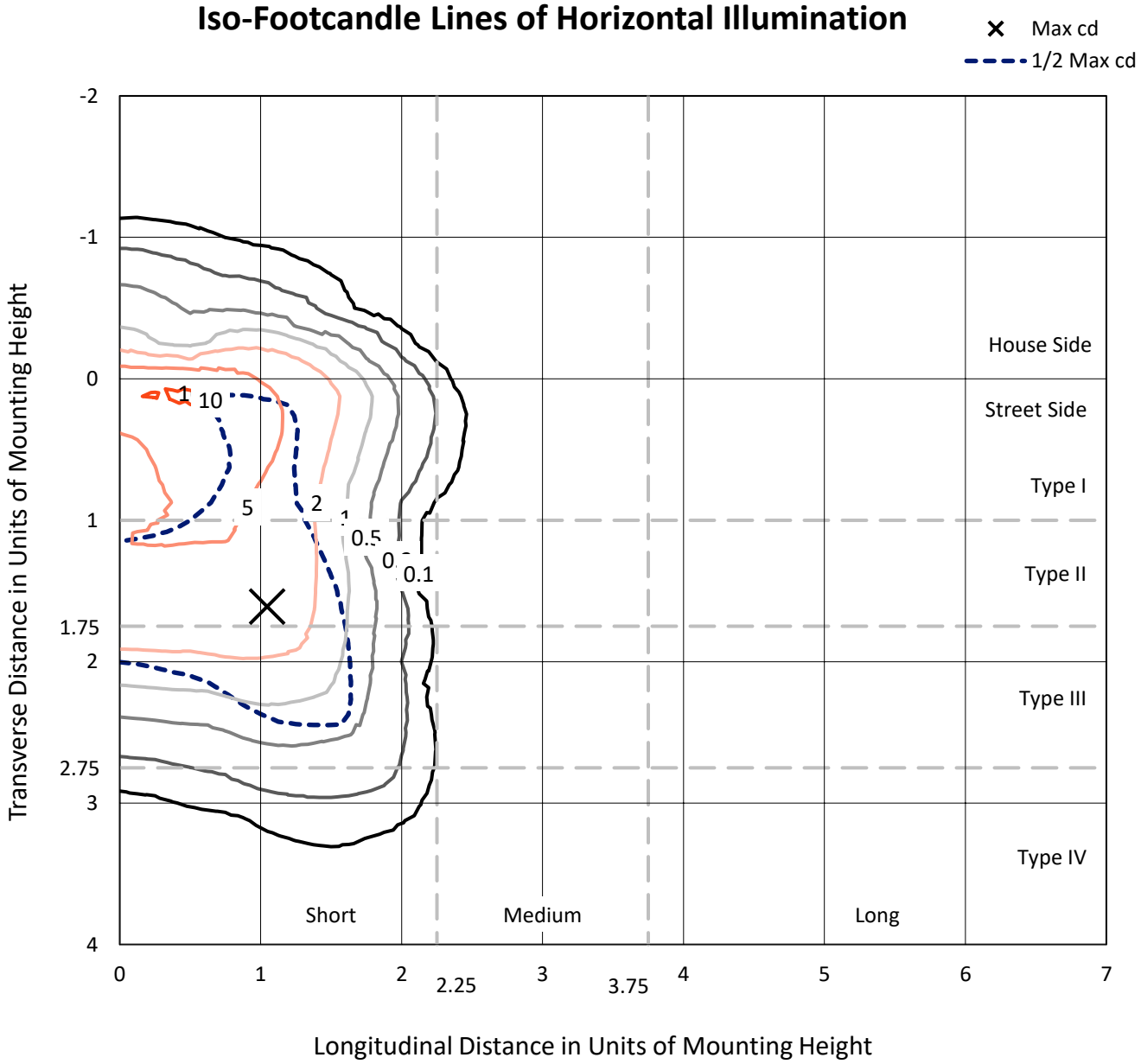
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502755
CATALOG NUMBER: GSS-SB4C-850-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



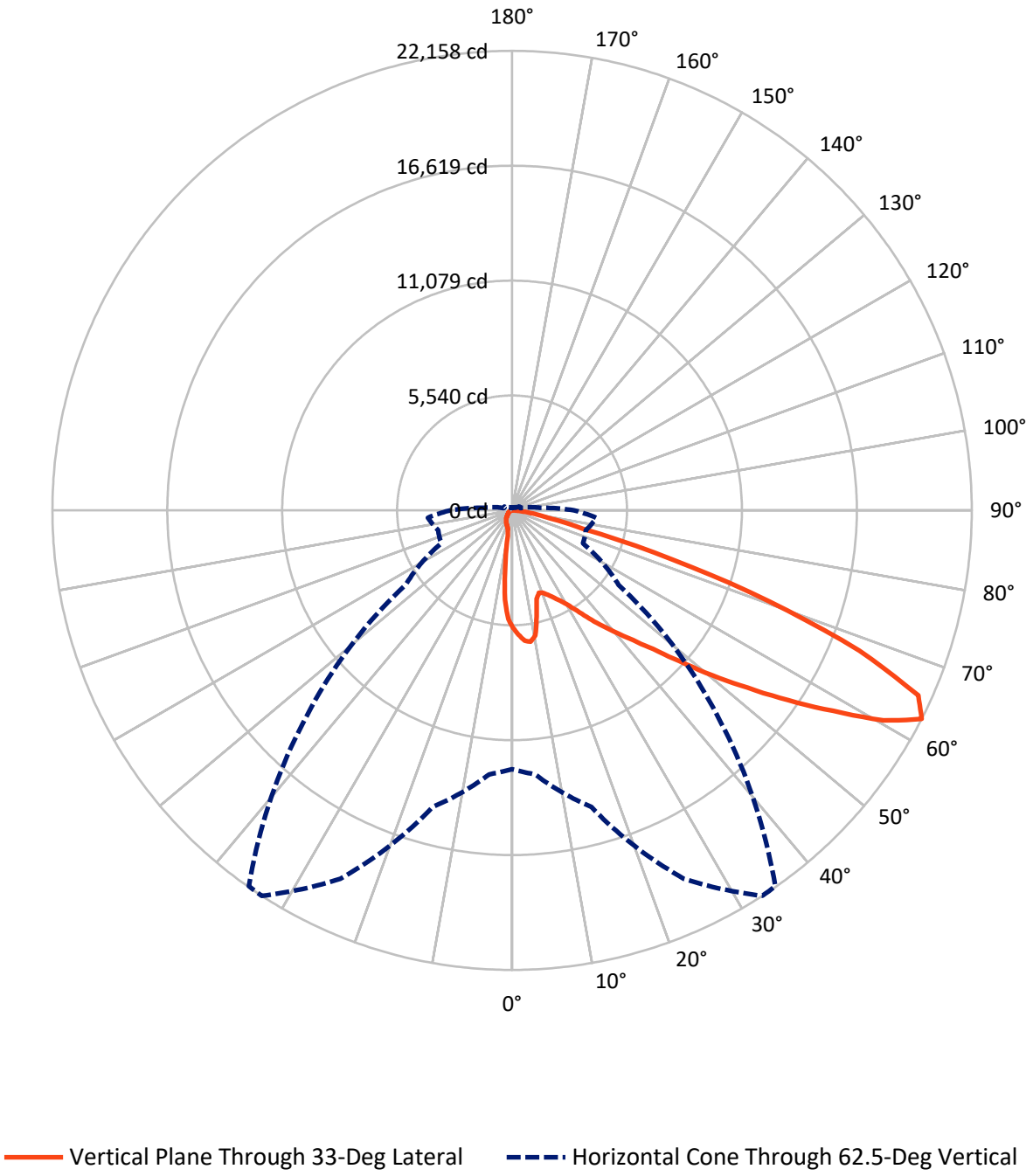
Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502755
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Luminous Intensity Polar Plot



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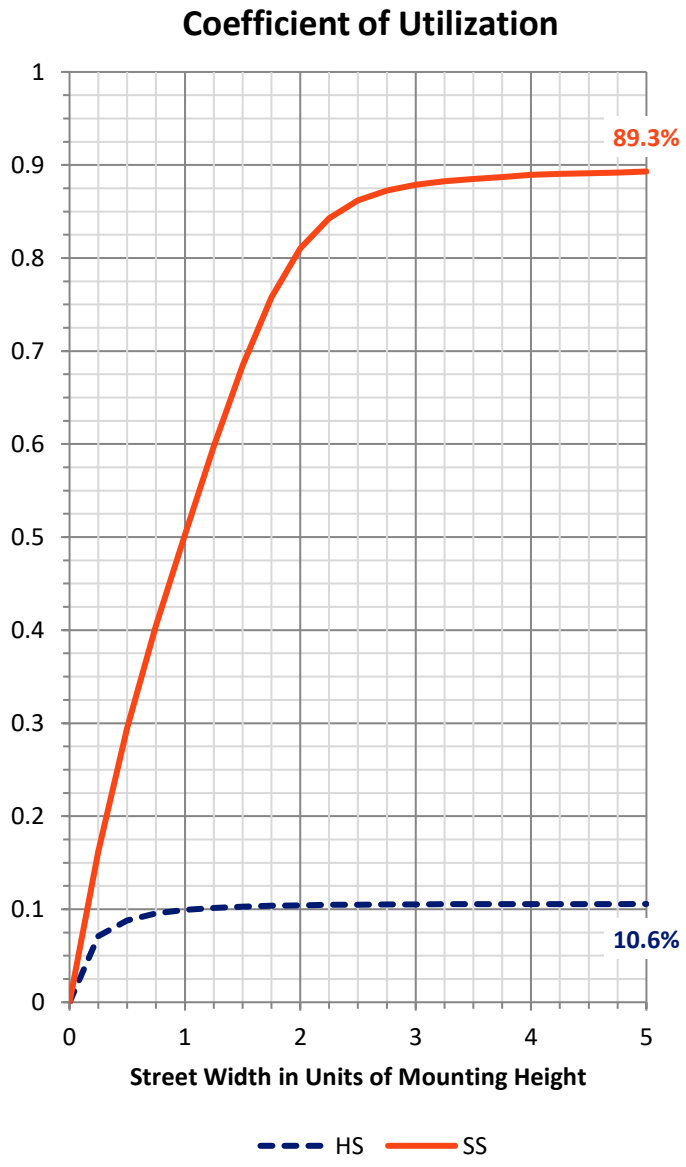
REPORT NUMBER: P1502755
CATALOG NUMBER: GSS-SB4C-850-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2373.8	0.0	2373.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	19935.0	0.0	19935.0
	% Fixture	89.4	0.0	89.4
Total	Lumens	22308.9	0.0	22308.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.8	2.2
10°-20°	1075.1	4.8
20°-30°	1732.7	7.8
30°-40°	2882.5	12.9
40°-50°	4555.9	20.4
50°-60°	6120.9	27.4
60°-70°	4493.3	20.1
70°-80°	889.3	4.0
80°-90°	77.3	0.3
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°	22308.9	100.0
0°-180°	22308.9	100.0



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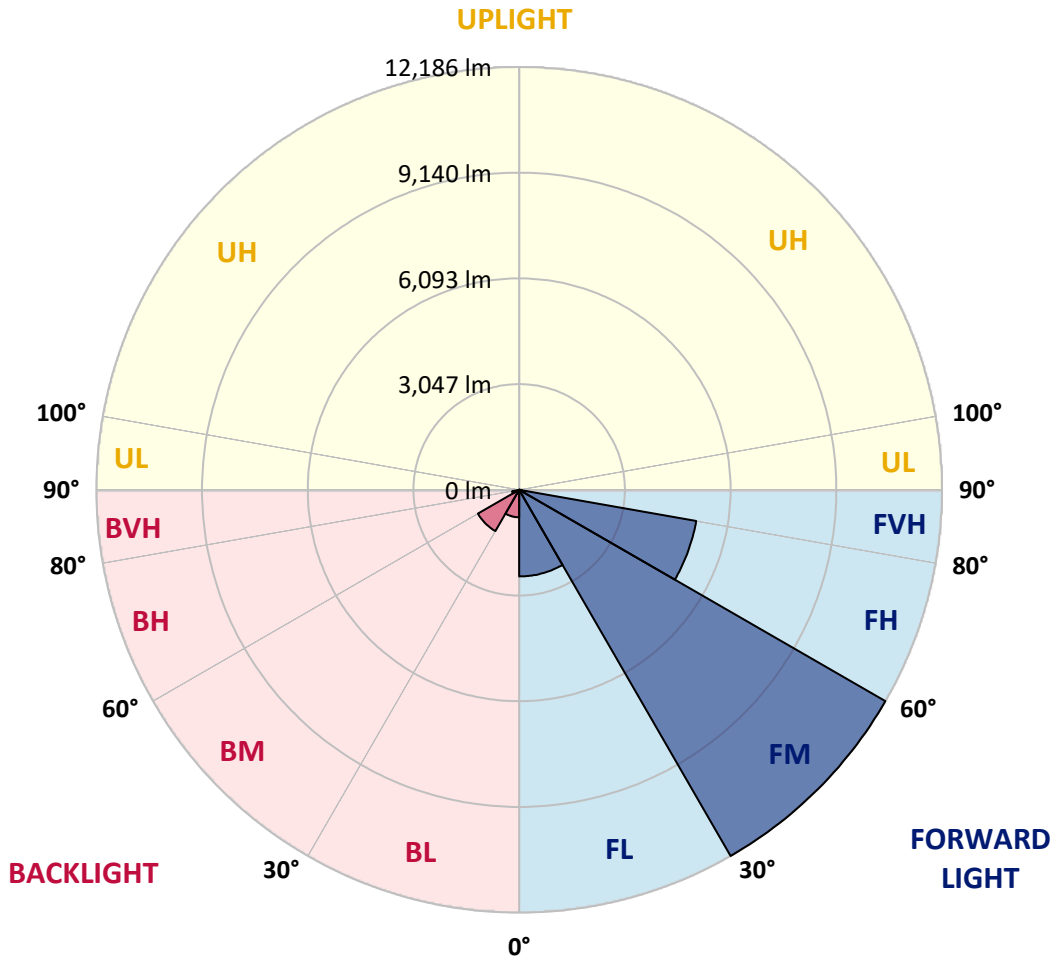
Scaled Data Report

REPORT NUMBER: P1502755
CATALOG NUMBER: GSS-SB4C-850-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2497.6	11.2			
FM	(30°-60°)	12186.2	54.6			
FH	(60°-80°)	5179.8	23.2			G3/7500
FVH	(80°-90°)	71.5	0.3			G1/100
BL	(0°-30°)	792.0	3.6	B2/1000		
BM	(30°-60°)	1373.2	6.2	B2/2500		
BH	(60°-80°)	202.8	0.9	B1/500		G1/500
BVH	(80°-90°)	5.8	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-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5666.7	5666.7	5666.7	5666.7	*5666.7*	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7
2.5°	6037.4	6062.5	6062.5	6012.2	*5999.7*	5974.5	5949.4	5943.1	5861.5	5798.6	5735.8
5°	6345.2	6338.9	6332.6	6307.5	*6313.8*	6282.4	6263.5	6232.1	6093.9	5999.7	5830.0
7.5°	6213.3	6269.8	6294.9	6364.1	*6395.5*	6389.2	6439.4	6452.0	6332.6	6200.7	5943.1
10°	5352.6	5321.2	5547.3	5842.6	*6137.9*	6207.0	6477.1	6621.6	6577.7	6458.3	6125.3
12.5°	4240.6	4272.0	4429.1	4774.6	*5258.4*	5409.1	6188.1	6759.8	6885.5	6810.1	6376.6
15°	3882.5	3882.5	3964.2	4127.5	*4416.5*	4561.0	5522.2	6741.0	7212.2	7218.5	6690.7
17.5°	3807.1	3819.7	3888.8	3995.6	*4184.1*	4246.9	4919.1	6464.6	7532.6	7645.7	7042.5
20°	3819.7	3838.5	3913.9	4064.7	*4246.9*	4322.3	4762.0	6112.8	7802.7	8110.6	7413.2
22.5°	3863.7	3857.4	3989.3	4190.3	*4422.8*	4491.9	4894.0	5968.3	8028.9	8644.6	7846.7
25°	3913.9	3920.2	4089.8	4372.5	*4655.2*	4736.9	5189.2	6100.2	8192.2	9216.3	8286.5
27.5°	4064.7	4083.5	4290.9	4598.7	*4931.7*	5038.5	5572.5	6445.7	8474.9	9769.1	8763.9
30°	4297.1	4316.0	4554.7	4925.4	*5283.5*	5446.8	6049.9	6879.2	8895.9	10409.9	9253.9
32.5°	4567.3	4592.4	4900.3	5327.5	*5760.9*	5918.0	6596.5	7538.9	9455.0	11063.3	9762.8
35°	4906.5	4975.6	5308.6	5817.5	*6401.7*	6552.5	7268.7	8286.5	10183.7	11647.5	10196.3
37.5°	5371.4	5428.0	5836.3	6470.9	*7061.4*	7262.4	8022.6	9071.8	10843.4	12169.0	10548.1
40°	5936.8	5987.1	6445.7	7136.8	*7752.5*	7922.1	8814.2	9863.3	11553.3	12458.0	10623.5
42.5°	6879.2	7017.4	7306.4	7890.7	*8550.3*	8763.9	9693.7	10629.8	12068.5	12514.5	10504.1
45°	8525.2	8569.2	8632.0	8908.4	*9542.9*	9731.4	10623.5	11295.7	12376.3	12527.1	10397.3
47.5°	10102.1	10252.8	10340.8	10466.4	*10849.7*	10918.8	11597.3	11892.5	12621.3	12483.1	10397.3
50°	11678.9	11792.0	11942.8	12093.6	*12501.9*	12527.1	12627.6	12294.6	12633.9	12125.0	10334.5
52.5°	13111.3	13149.0	13406.6	13695.6	*14204.5*	14342.7	13582.5	12589.9	11873.7	10994.2	10039.2
55°	14392.9	14443.2	14832.7	15423.2	*16152.0*	16334.2	14751.0	12018.2	10246.6	9530.4	9354.5
57.5°	15222.2	15341.6	16120.6	17421.0	*18244.0*	18162.4	15655.7	10680.0	8229.9	7796.4	8142.0
60°	14807.6	14970.9	16610.6	19098.4	*20562.2*	20323.5	15404.4	8789.1	6081.3	5767.2	6445.7
62.5°	*12476.8*	*12778.4*	*14807.6*	*19594.7*	*22158.0*	*22120.3*	*13984.6*	*6269.8*	*3769.4*	*3687.8*	*4071.0*
65°	8676.0	9197.4	11603.6	17936.2	*21517.2*	21573.7	11773.2	3650.1	1746.5	2167.4	2381.0
67.5°	5113.9	5484.5	7476.0	14644.2	*18055.6*	17534.1	8003.8	1690.0	873.3	1319.3	1262.8
70°	2249.1	2500.4	4284.6	10146.0	*13155.3*	12313.5	3907.6	823.0	665.9	797.9	697.3
72.5°	1237.6	1350.7	2255.4	5358.9	*8003.8*	7608.0	1319.3	546.6	571.7	596.8	502.6
75°	691.1	741.3	1187.4	3097.2	*3518.1*	3273.1	640.8	358.1	483.7	483.7	370.7
77.5°	402.1	446.0	741.3	1928.7	*1928.7*	1558.0	389.5	226.2	364.4	326.7	201.0
80°	188.5	213.6	408.4	1068.0	*1218.8*	1005.2	219.9	157.1	238.7	207.3	131.9
82.5°	56.5	69.1	201.0	414.6	*691.1*	590.5	113.1	100.5	175.9	131.9	75.4
85°	37.7	44.0	100.5	169.6	*339.2*	295.3	37.7	31.4	75.4	62.8	31.4
87.5°	6.3	6.3	12.6	12.6	*12.6*	12.6	6.3	6.3	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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Scaled Data Report

REPORT NUMBER: P1502755
CATALOG NUMBER: GSS-SB4C-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7	5666.7
2.5°	5698.1	5654.1	5553.6	5459.4	5409.1	5296.0	5252.1	5201.8	5176.7	5170.4	5132.7
5°	5723.2	5641.6	5390.3	5139.0	4875.1	4623.8	4366.3	4140.1	3957.9	3964.2	3970.5
7.5°	5798.6	5635.3	5195.5	4692.9	4127.5	3474.2	2776.8	2255.4	1922.4	1853.3	1790.5
10°	5899.2	5660.4	4956.8	4027.0	2915.0	1834.5	1294.2	1105.7	1024.0	1005.2	1011.5
12.5°	6087.6	5723.2	4655.2	3109.8	1614.6	1055.4	936.1	904.7	892.1	892.1	892.1
15°	6320.1	5811.2	4184.1	2035.5	1055.4	879.5	854.4	848.1	835.6	835.6	841.8
17.5°	6514.8	5811.2	3562.1	1325.6	867.0	816.7	797.9	791.6	791.6	797.9	791.6
20°	6728.4	5767.2	2864.8	998.9	804.1	760.2	747.6	747.6	747.6	753.9	753.9
22.5°	6948.3	5691.8	2217.7	854.4	747.6	709.9	703.6	709.9	716.2	722.5	722.5
25°	7193.3	5597.6	1752.8	791.6	697.3	665.9	665.9	665.9	672.2	684.8	691.1
27.5°	7463.5	5515.9	1501.5	753.9	653.4	622.0	622.0	628.2	640.8	647.1	653.4
30°	7714.8	5515.9	1419.8	772.7	634.5	596.8	584.3	590.5	603.1	615.7	615.7
32.5°	8028.9	5578.8	1463.8	854.4	628.2	559.1	546.6	546.6	559.1	565.4	565.4
35°	8292.7	5698.1	1614.6	967.5	653.4	527.7	502.6	496.3	508.9	502.6	508.9
37.5°	8506.3	5861.5	1891.0	1118.3	703.6	490.0	458.6	439.8	439.8	439.8	439.8
40°	8569.2	6024.8	2242.8	1218.8	697.3	446.0	402.1	383.2	376.9	370.7	370.7
42.5°	8481.2	6100.2	2525.5	1212.5	622.0	414.6	358.1	333.0	314.1	307.8	307.8
45°	8412.1	6137.9	2626.0	1055.4	565.4	376.9	320.4	289.0	270.1	263.9	257.6
47.5°	8418.4	6175.6	2475.3	860.7	515.2	345.5	289.0	257.6	238.7	232.4	226.2
50°	8443.5	6112.8	2098.3	716.2	471.2	314.1	257.6	232.4	213.6	207.3	201.0
52.5°	8179.7	5779.8	1476.4	628.2	433.5	295.3	232.4	213.6	194.8	188.5	188.5
55°	7488.6	4981.9	998.9	559.1	402.1	270.1	213.6	201.0	182.2	169.6	169.6
57.5°	6382.9	3756.9	691.1	508.9	351.8	245.0	201.0	182.2	163.3	150.8	150.8
60°	4881.4	2450.1	502.6	464.9	289.0	226.2	188.5	175.9	150.8	138.2	131.9
62.5°	*2971.6*	*1375.8*	*408.4*	*408.4*	*245.0*	*213.6*	*169.6*	*157.1*	*131.9*	*113.1*	*106.8*
65°	1721.4	810.4	333.0	345.5	213.6	194.8	150.8	131.9	106.8	88.0	81.7
67.5°	829.3	471.2	263.9	245.0	188.5	163.3	131.9	113.1	94.2	75.4	69.1
70°	508.9	364.4	201.0	175.9	150.8	125.6	106.8	100.5	81.7	62.8	62.8
72.5°	414.6	295.3	157.1	125.6	113.1	88.0	88.0	81.7	62.8	50.3	44.0
75°	326.7	219.9	119.4	88.0	69.1	69.1	62.8	56.5	50.3	37.7	37.7
77.5°	175.9	150.8	88.0	50.3	37.7	44.0	44.0	37.7	31.4	25.1	25.1
80°	113.1	88.0	50.3	25.1	25.1	25.1	25.1	18.8	18.8	12.6	12.6
82.5°	56.5	44.0	25.1	6.3	12.6	12.6	12.6	12.6	12.6	6.3	6.3
85°	12.6	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
87.5°	0.0	0.0	0.0	0.0	0.0	6.3	6.3	6.3	6.3	6.3	6.3
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

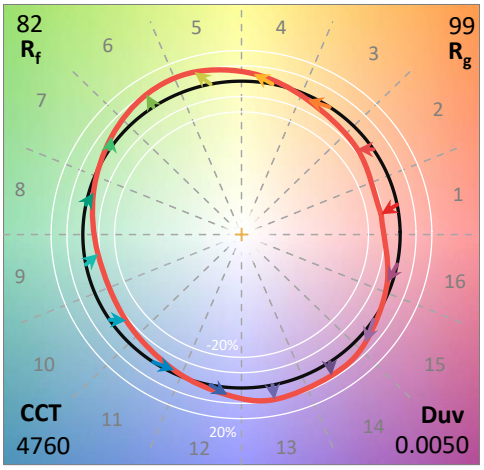
Test Information

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

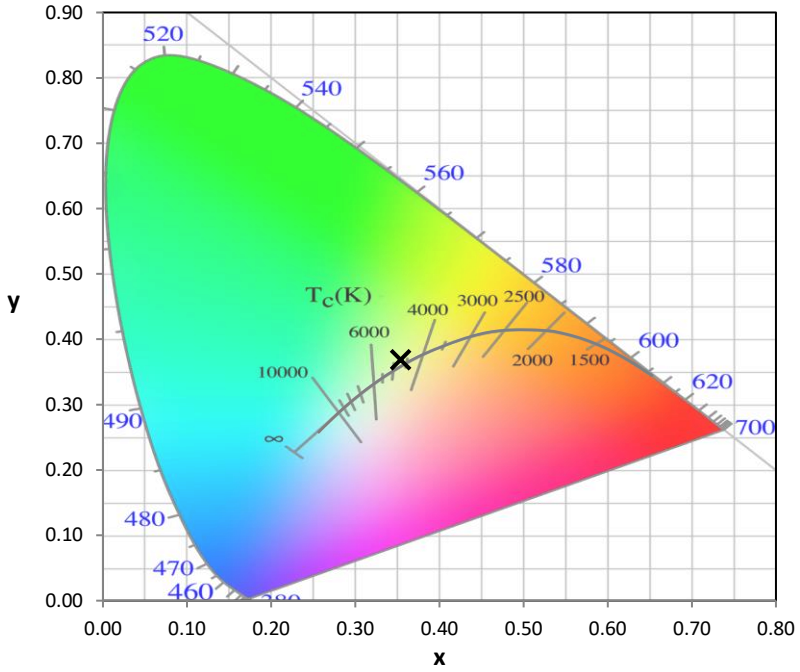
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

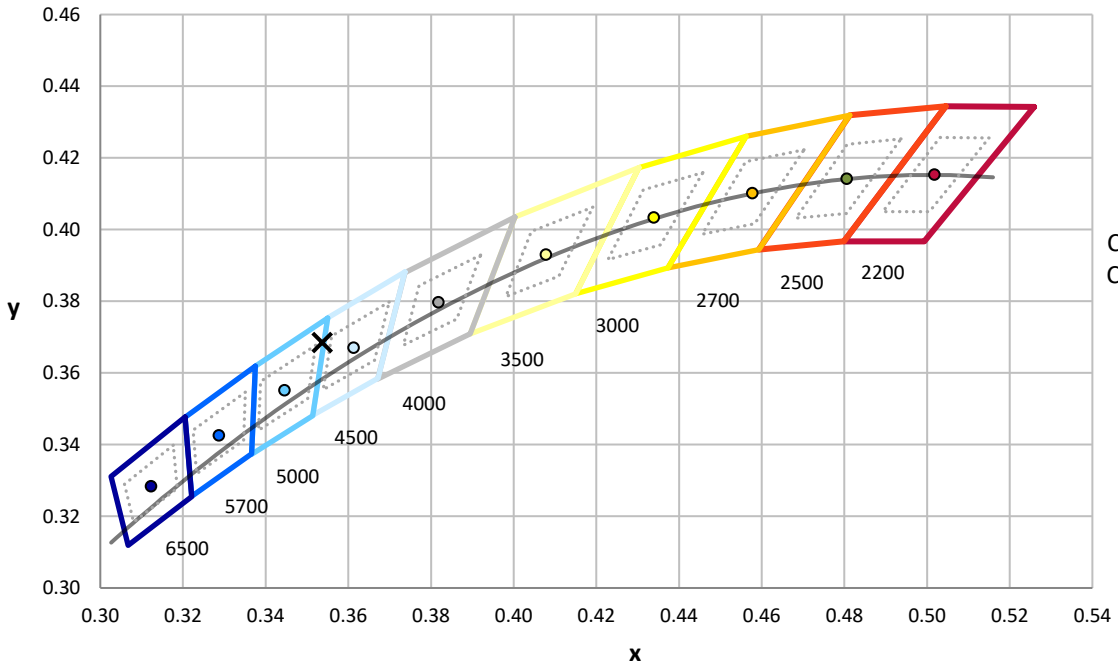
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

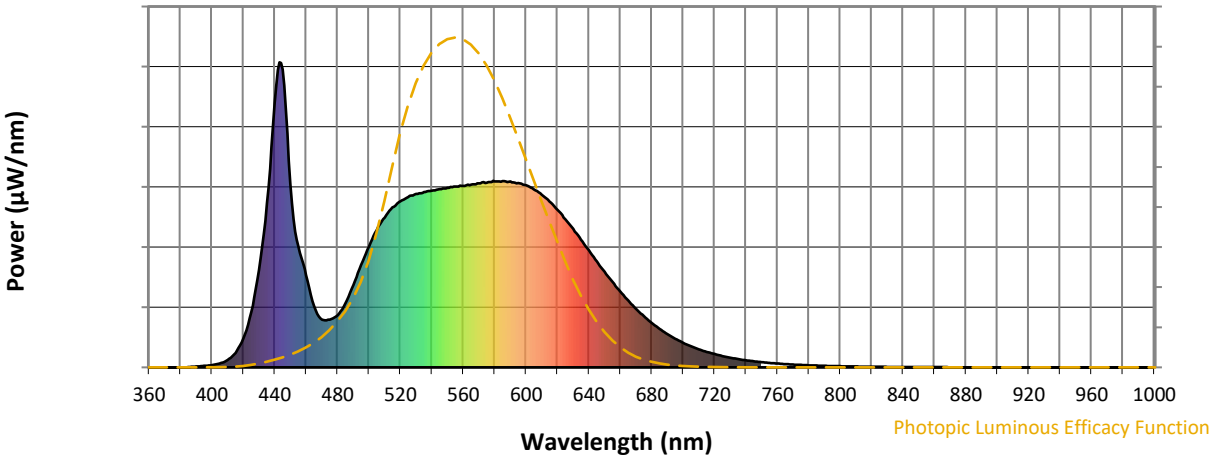


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

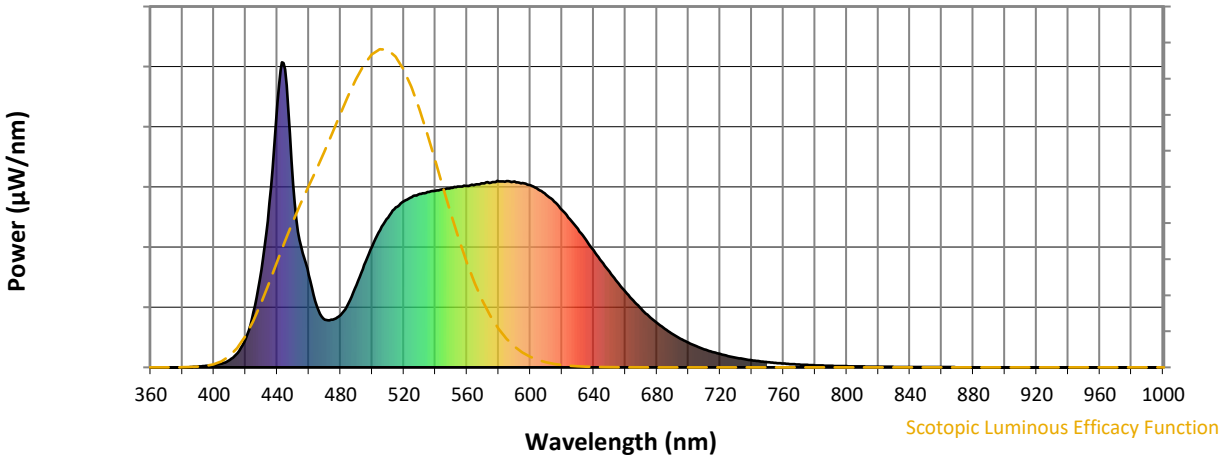


Photopic Lumens: NR

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

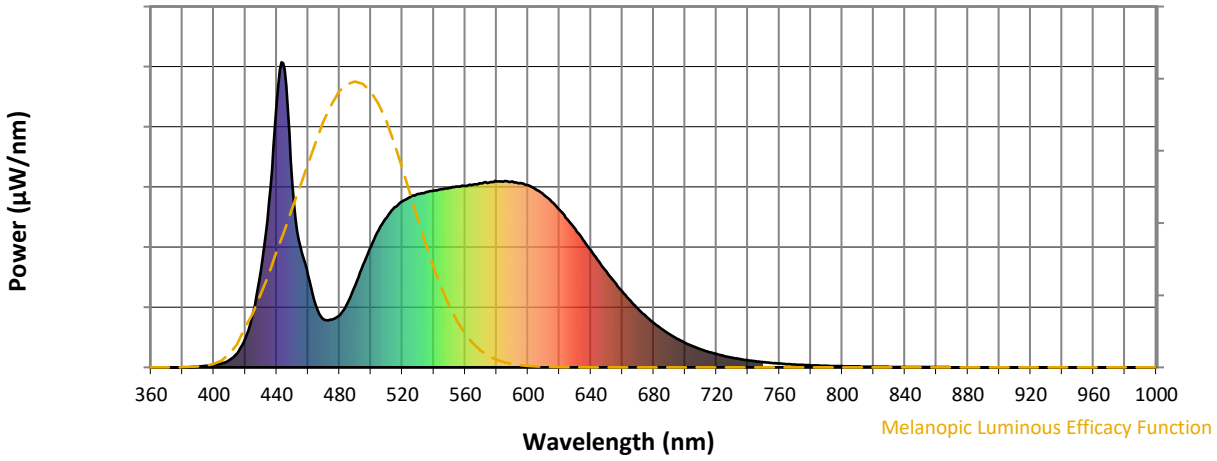


Scotopic Lumens: NR **S/P: 1.83**

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			

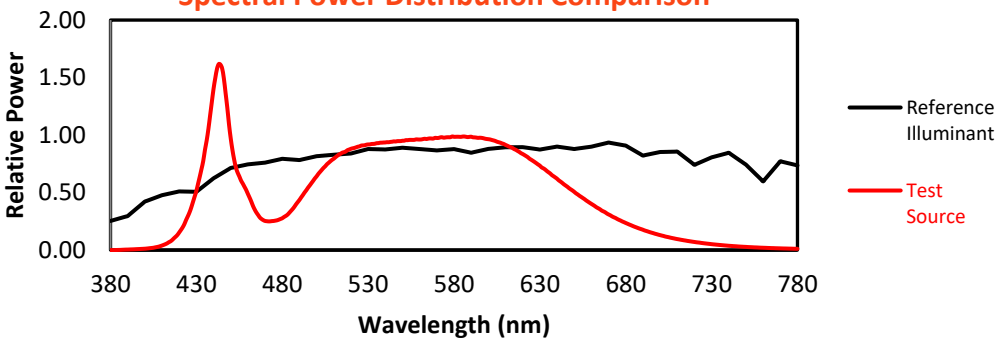
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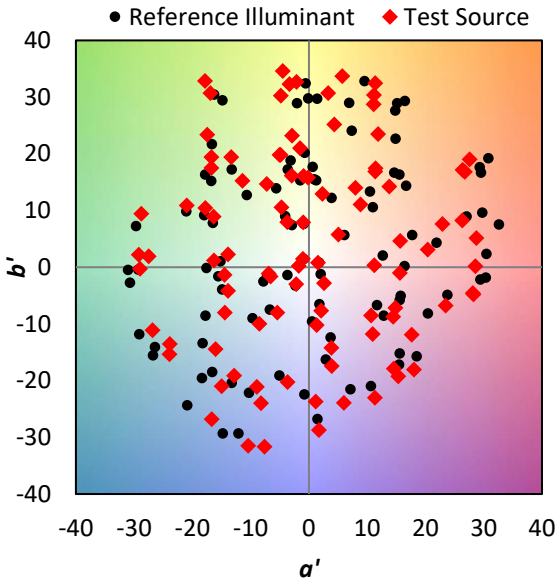
Summary

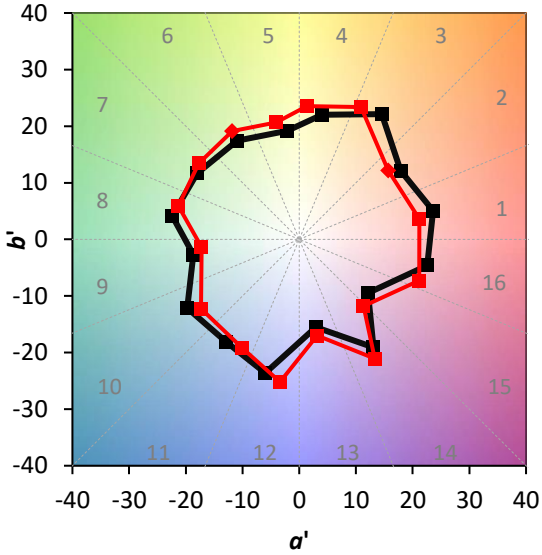
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

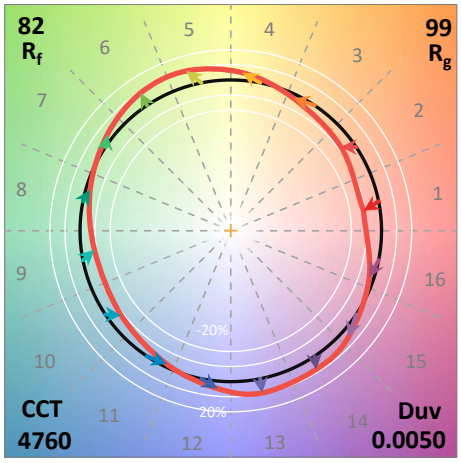
Spectral Power Distribution Comparison

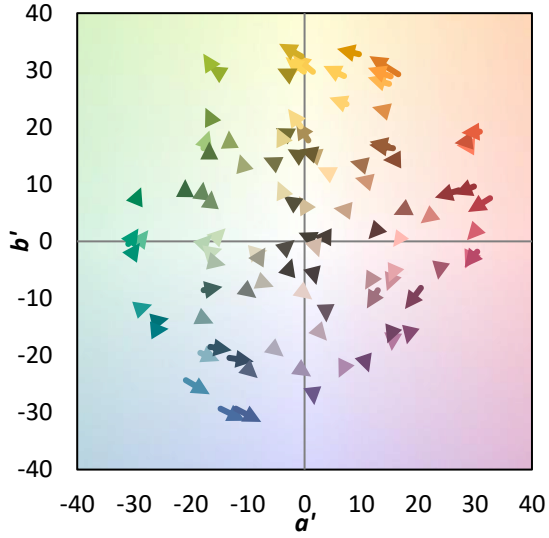


Color Vector Graphics







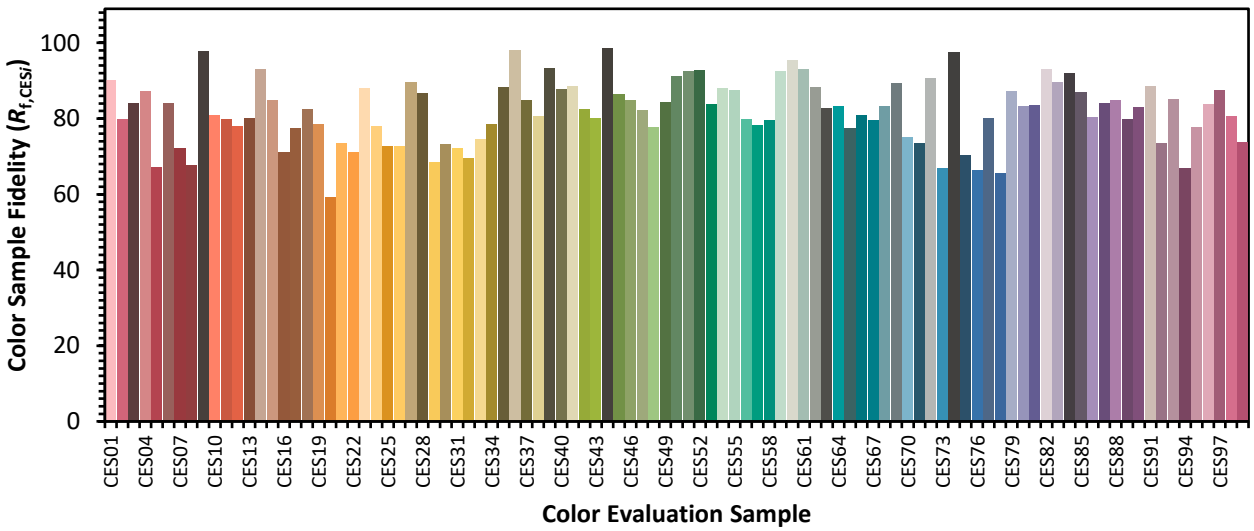


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Individual Sample Fidelity Index ($R_{f,i}$)

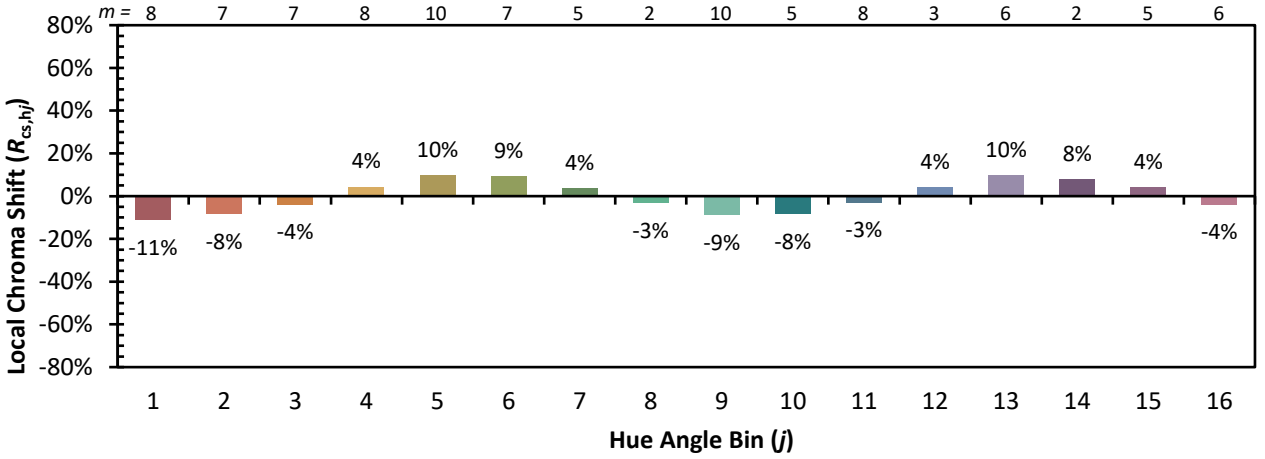
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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	

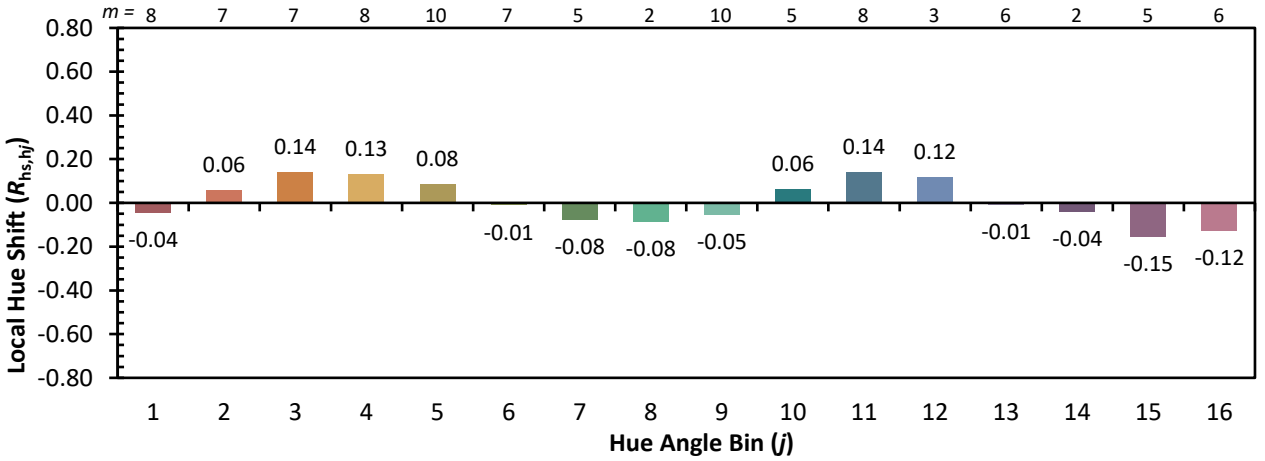


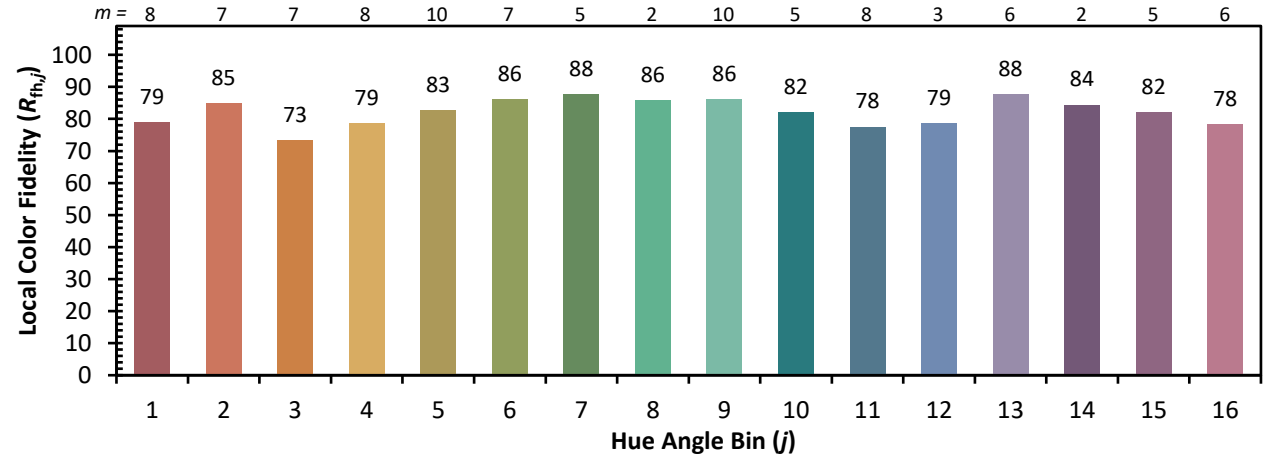
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Color Rendition by Hue-Angle Bin



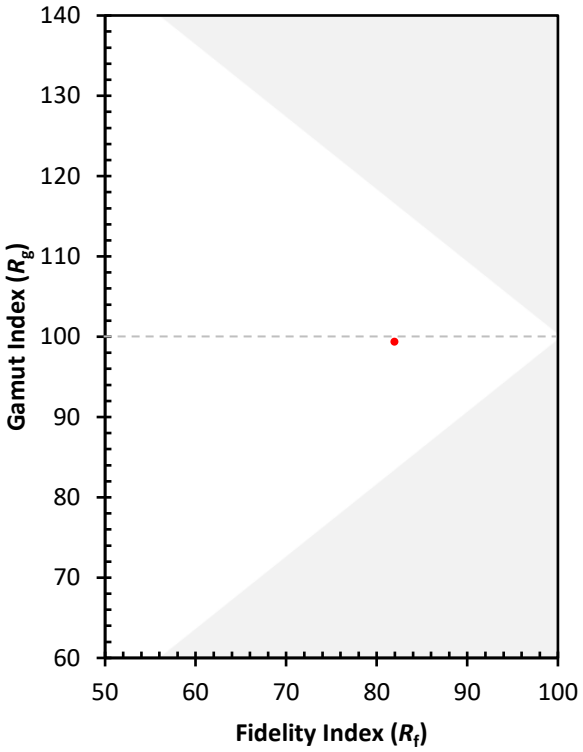


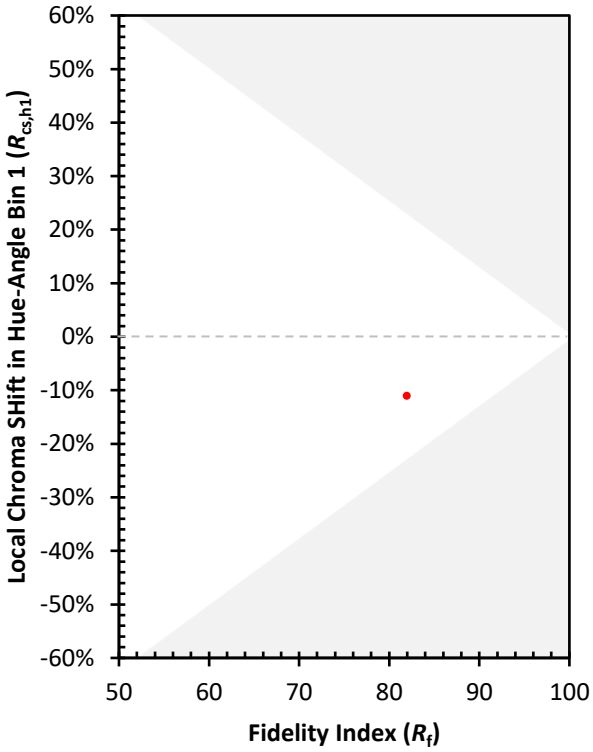


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Measure Comparisons





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