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: P1502538

Luminaire Tested: GSS-SB4B-727-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:	P1502538
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-727-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16411.9 lumens
Efficiency:	N/A
Efficacy:	110.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

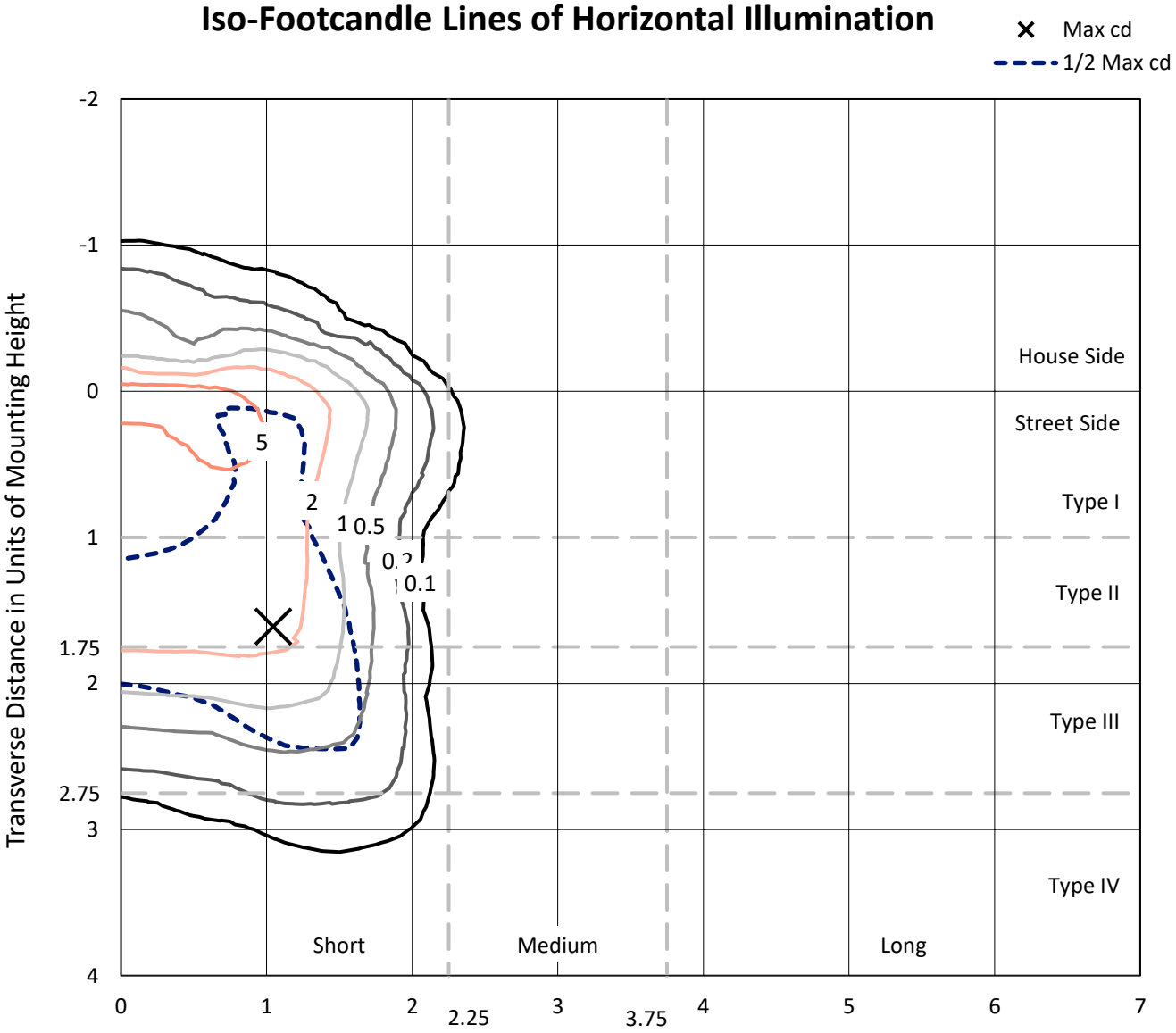
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502538
CATALOG NUMBER: GSS-SB4B-727-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



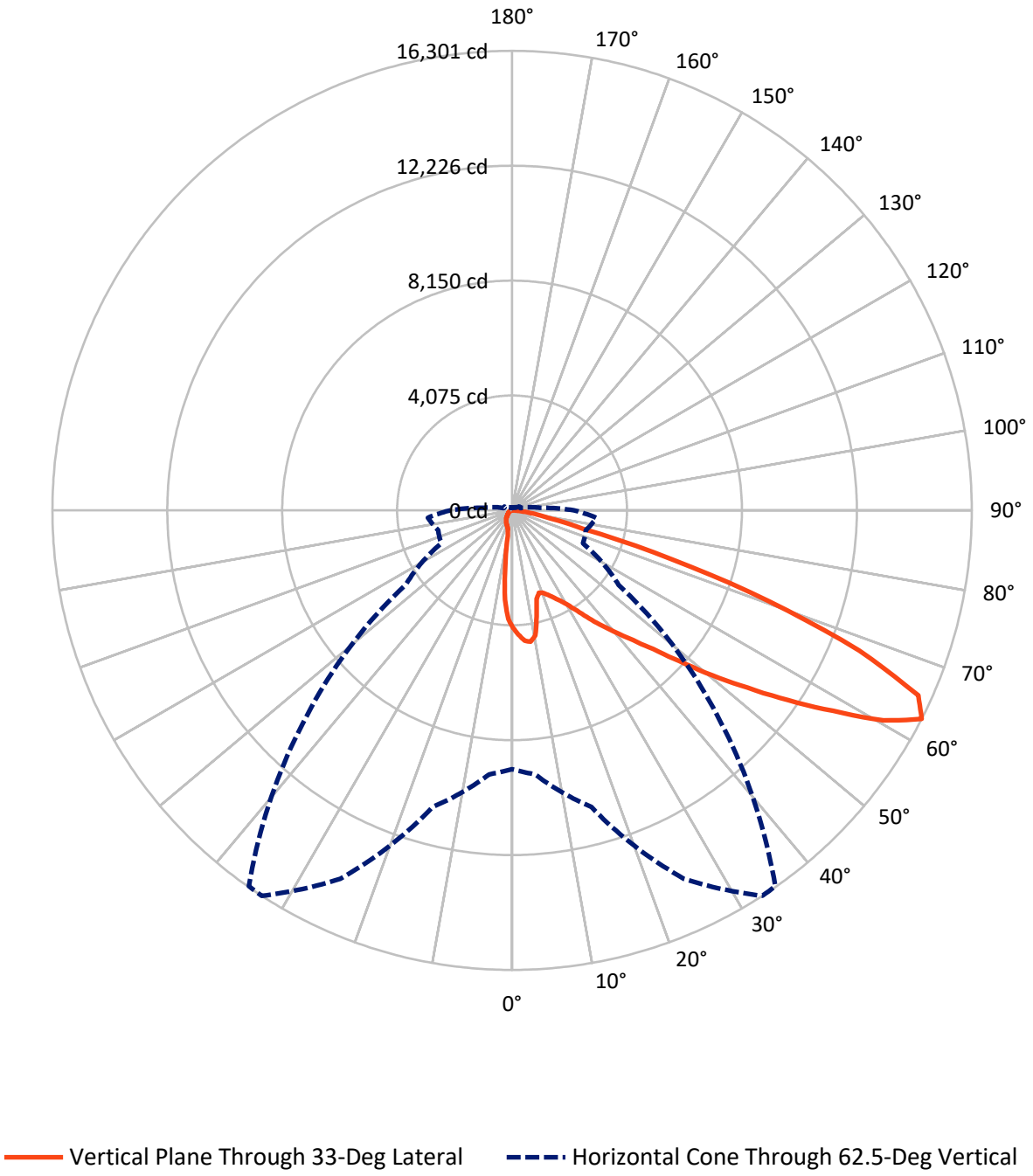
Based on 25 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502538
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Luminous Intensity Polar Plot



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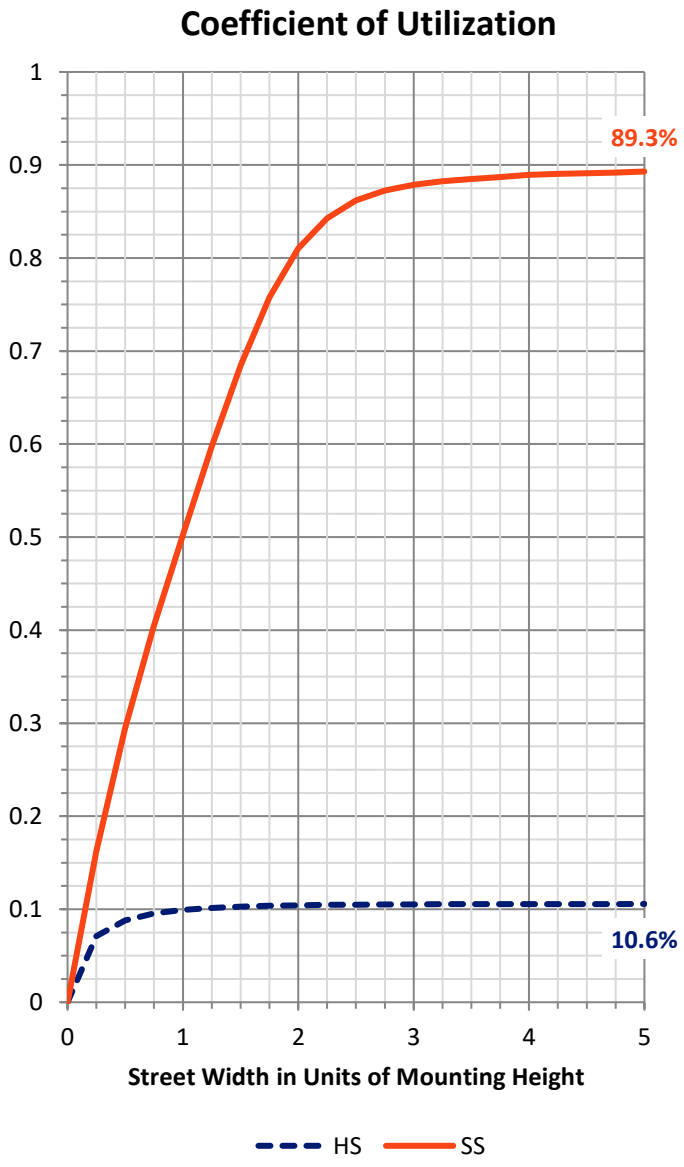
REPORT NUMBER: P1502538
CATALOG NUMBER: GSS-SB4B-727-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1746.3	0.0	1746.3
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14665.6	0.0	14665.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	16411.9	0.0	16411.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.4	2.2
10°-20°	790.9	4.8
20°-30°	1274.7	7.8
30°-40°	2120.6	12.9
40°-50°	3351.7	20.4
50°-60°	4502.9	27.4
60°-70°	3305.6	20.1
70°-80°	654.2	4.0
80°-90°	56.8	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°	16411.9	100.0
0°-180°	16411.9	100.0



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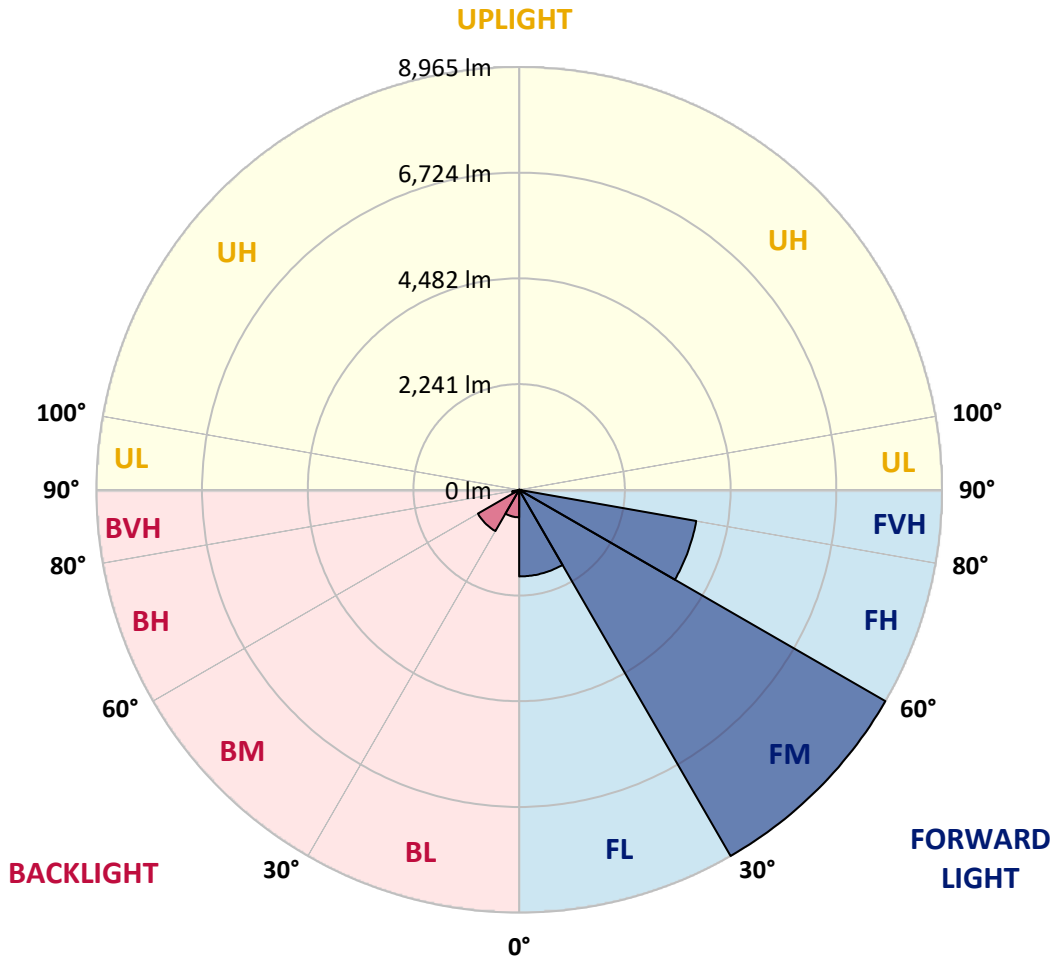
Scaled Data Report

REPORT NUMBER: P1502538
CATALOG NUMBER: GSS-SB4B-727-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1837.4	11.2			
FM	(30°-60°)	8965.0	54.6			
FH	(60°-80°)	3810.6	23.2			G2/5000
FVH	(80°-90°)	52.6	0.3			G1/100
BL	(0°-30°)	582.7	3.6	B2/1000		
BM	(30°-60°)	1010.2	6.2	B2/2500		
BH	(60°-80°)	149.2	0.9	B1/500		G1/500
BVH	(80°-90°)	4.3	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°	33°	35°	45°	55°	65°	75°	85°
0°	4168.8	4168.8	4168.8	4168.8	*4168.8*	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8
2.5°	4441.5	4460.0	4460.0	4423.0	*4413.8*	4395.3	4376.8	4372.2	4312.1	4265.9	4219.7
5°	4668.0	4663.4	4658.7	4640.2	*4644.9*	4621.8	4607.9	4584.8	4483.1	4413.8	4289.0
7.5°	4570.9	4612.5	4631.0	4681.8	*4704.9*	4700.3	4737.3	4746.5	4658.7	4561.7	4372.2
10°	3937.7	3914.6	4081.0	4298.2	*4515.5*	4566.3	4765.0	4871.3	4839.0	4751.2	4506.2
12.5°	3119.7	3142.8	3258.3	3512.5	*3868.4*	3979.3	4552.4	4973.0	5065.4	5010.0	4691.1
15°	2856.2	2856.2	2916.3	3036.5	*3249.1*	3355.4	4062.5	4959.1	5305.8	5310.4	4922.2
17.5°	2800.8	2810.0	2860.9	2939.4	*3078.1*	3124.3	3618.8	4755.8	5541.5	5624.7	5181.0
20°	2810.0	2823.9	2879.4	2990.3	*3124.3*	3179.8	3503.3	4497.0	5740.2	5966.7	5453.7
22.5°	2842.4	2837.8	2934.8	3082.7	*3253.7*	3304.6	3600.3	4390.7	5906.6	6359.5	5772.6
25°	2879.4	2884.0	3008.8	3216.7	*3424.7*	3484.8	3817.6	4487.7	6026.8	6780.1	6096.1
27.5°	2990.3	3004.1	3156.7	3383.1	*3628.1*	3706.6	4099.5	4741.9	6234.7	7186.8	6447.4
30°	3161.3	3175.1	3350.8	3623.5	*3886.9*	4007.1	4450.8	5060.8	6544.4	7658.3	6807.8
32.5°	3360.0	3378.5	3605.0	3919.2	*4238.2*	4353.7	4852.8	5546.1	6955.7	8138.9	7182.2
35°	3609.6	3660.4	3905.4	4279.7	*4709.6*	4820.5	5347.4	6096.1	7491.9	8568.7	7501.1
37.5°	3951.6	3993.2	4293.6	4760.4	*5194.9*	5342.8	5902.0	6673.8	7977.2	8952.3	7759.9
40°	4367.6	4404.5	4741.9	5250.3	*5703.2*	5828.0	6484.3	7256.2	8499.4	9164.9	7815.4
42.5°	5060.8	5162.5	5375.1	5804.9	*6290.2*	6447.4	7131.4	7820.0	8878.4	9206.5	7727.6
45°	6271.7	6304.1	6350.3	6553.7	*7020.4*	7159.1	7815.4	8309.9	9104.9	9215.8	7649.0
47.5°	7431.8	7542.7	7607.4	7699.8	*7981.8*	8032.6	8531.8	8749.0	9285.1	9183.4	7649.0
50°	8591.8	8675.0	8786.0	8896.9	*9197.3*	9215.8	9289.7	9044.8	9294.4	8920.0	7602.8
52.5°	9645.6	9673.3	9862.8	10075.4	*10449.8*	10551.5	9992.2	9262.0	8735.1	8088.1	7385.6
55°	10588.4	10625.4	10912.0	11346.4	*11882.5*	12016.6	10851.9	8841.4	7538.1	7011.2	6881.8
57.5°	11198.5	11286.3	11859.4	12816.1	*13421.6*	13361.5	11517.4	7857.0	6054.5	5735.6	5989.8
60°	10893.5	11013.6	12219.9	14050.1	*15127.0*	14951.4	11332.5	6465.8	4473.9	4242.8	4741.9
62.5°	*9178.8*	*9400.7*	*10893.5*	*14415.3*	*16300.9*	*16273.2*	*10288.0*	*4612.5*	*2773.1*	*2713.0*	*2994.9*
65°	6382.6	6766.3	8536.4	13195.1	*15829.5*	15871.1	8661.2	2685.2	1284.8	1594.5	1751.6
67.5°	3762.1	4034.8	5499.9	10773.3	*13282.9*	12899.3	5888.1	1243.3	642.4	970.6	929.0
70°	1654.6	1839.5	3152.0	7464.1	*9678.0*	9058.6	2874.7	605.5	489.9	587.0	513.0
72.5°	910.5	993.7	1659.2	3942.4	*5888.1*	5596.9	970.6	402.1	420.6	439.1	369.7
75°	508.4	545.4	873.5	2278.5	*2588.2*	2407.9	471.4	263.4	355.9	355.9	272.7
77.5°	295.8	328.1	545.4	1418.9	*1418.9*	1146.2	286.5	166.4	268.1	240.3	147.9
80°	138.7	157.1	300.4	785.7	*896.6*	739.5	161.8	115.5	175.6	152.5	97.1
82.5°	41.6	50.8	147.9	305.0	*508.4*	434.4	83.2	73.9	129.4	97.1	55.5
85°	27.7	32.4	73.9	124.8	*249.6*	217.2	27.7	23.1	55.5	46.2	23.1
87.5°	4.6	4.6	9.2	9.2	*9.2*	9.2	4.6	4.6	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: P1502538
CATALOG NUMBER: GSS-SB4B-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8	4168.8
2.5°	4191.9	4159.6	4085.6	4016.3	3979.3	3896.1	3863.8	3826.8	3808.3	3803.7	3776.0
5°	4210.4	4150.3	3965.5	3780.6	3586.5	3401.6	3212.1	3045.7	2911.7	2916.3	2921.0
7.5°	4265.9	4145.7	3822.2	3452.5	3036.5	2555.8	2042.8	1659.2	1414.3	1363.4	1317.2
10°	4339.8	4164.2	3646.6	2962.5	2144.5	1349.6	952.1	813.4	753.3	739.5	744.1
12.5°	4478.5	4210.4	3424.7	2287.8	1187.8	776.5	688.6	665.5	656.3	656.3	656.3
15°	4649.5	4275.1	3078.1	1497.4	776.5	647.0	628.6	623.9	614.7	614.7	619.3
17.5°	4792.8	4275.1	2620.5	975.2	637.8	600.8	587.0	582.3	582.3	587.0	582.3
20°	4949.9	4242.8	2107.5	734.9	591.6	559.2	550.0	550.0	550.0	554.6	554.6
22.5°	5111.7	4187.3	1631.5	628.6	550.0	522.3	517.6	522.3	526.9	531.5	531.5
25°	5291.9	4118.0	1289.5	582.3	513.0	489.9	489.9	489.9	494.5	503.8	508.4
27.5°	5490.6	4057.9	1104.6	554.6	480.7	457.6	457.6	462.2	471.4	476.0	480.7
30°	5675.5	4057.9	1044.5	568.5	466.8	439.1	429.8	434.4	443.7	452.9	452.9
32.5°	5906.6	4104.1	1076.9	628.6	462.2	411.3	402.1	402.1	411.3	416.0	416.0
35°	6100.7	4191.9	1187.8	711.8	480.7	388.2	369.7	365.1	374.4	369.7	374.4
37.5°	6257.9	4312.1	1391.1	822.7	517.6	360.5	337.4	323.5	323.5	323.5	323.5
40°	6304.1	4432.3	1650.0	896.6	513.0	328.1	295.8	281.9	277.3	272.7	272.7
42.5°	6239.4	4487.7	1857.9	892.0	457.6	305.0	263.4	245.0	231.1	226.5	226.5
45°	6188.5	4515.5	1931.9	776.5	416.0	277.3	235.7	212.6	198.7	194.1	189.5
47.5°	6193.2	4543.2	1821.0	633.2	379.0	254.2	212.6	189.5	175.6	171.0	166.4
50°	6211.6	4497.0	1543.7	526.9	346.6	231.1	189.5	171.0	157.1	152.5	147.9
52.5°	6017.5	4252.0	1086.1	462.2	318.9	217.2	171.0	157.1	143.3	138.7	138.7
55°	5509.1	3665.1	734.9	411.3	295.8	198.7	157.1	147.9	134.0	124.8	124.8
57.5°	4695.7	2763.8	508.4	374.4	258.8	180.2	147.9	134.0	120.2	110.9	110.9
60°	3591.1	1802.5	369.7	342.0	212.6	166.4	138.7	129.4	110.9	101.7	97.1
62.5°	*2186.1*	*1012.2*	*300.4*	*300.4*	*180.2*	*157.1*	*124.8*	*115.5*	*97.1*	*83.2*	*78.6*
65°	1266.4	596.2	245.0	254.2	157.1	143.3	110.9	97.1	78.6	64.7	60.1
67.5°	610.1	346.6	194.1	180.2	138.7	120.2	97.1	83.2	69.3	55.5	50.8
70°	374.4	268.1	147.9	129.4	110.9	92.4	78.6	73.9	60.1	46.2	46.2
72.5°	305.0	217.2	115.5	92.4	83.2	64.7	64.7	60.1	46.2	37.0	32.4
75°	240.3	161.8	87.8	64.7	50.8	50.8	46.2	41.6	37.0	27.7	27.7
77.5°	129.4	110.9	64.7	37.0	27.7	32.4	32.4	27.7	23.1	18.5	18.5
80°	83.2	64.7	37.0	18.5	18.5	18.5	18.5	13.9	13.9	9.2	9.2
82.5°	41.6	32.4	18.5	4.6	9.2	9.2	9.2	9.2	9.2	4.6	4.6
85°	9.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	0.0	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

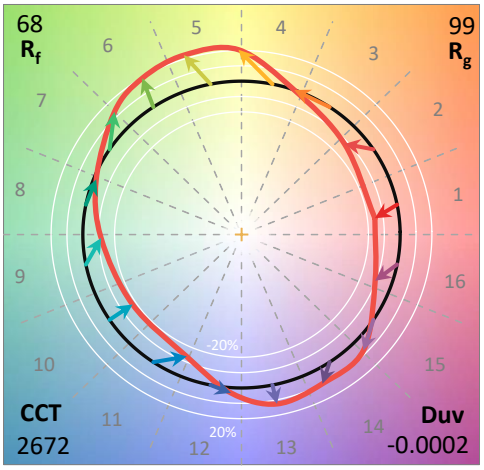
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

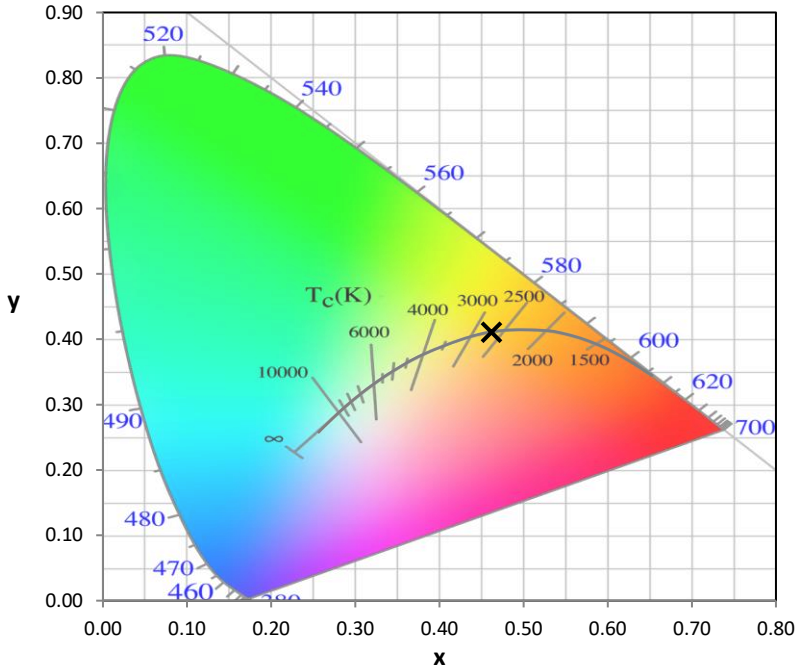
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

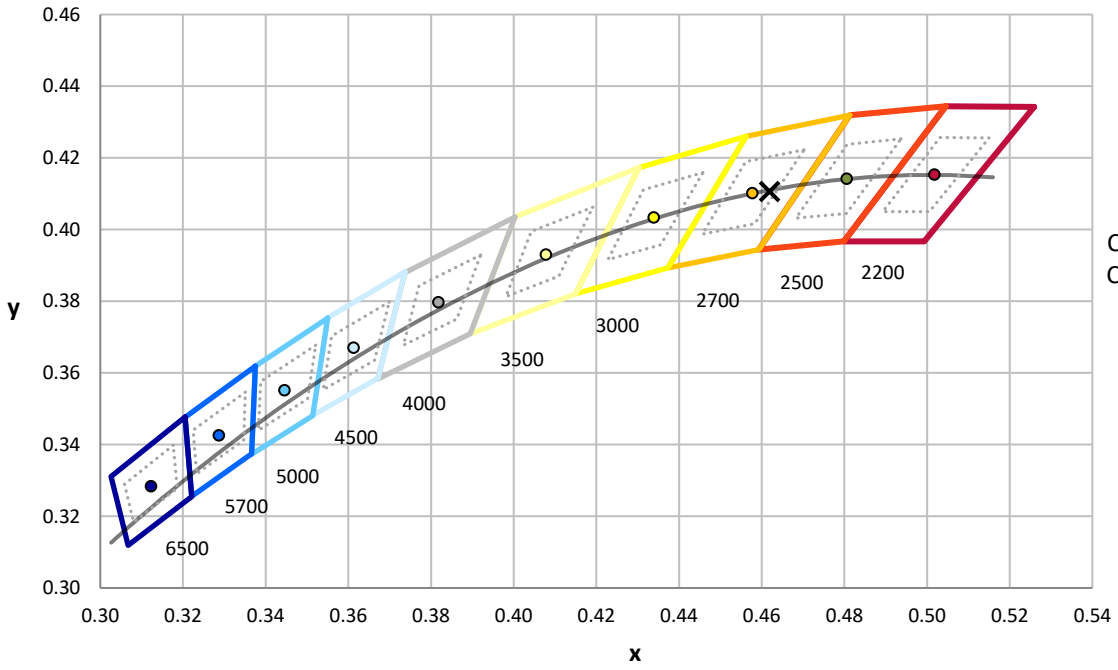
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

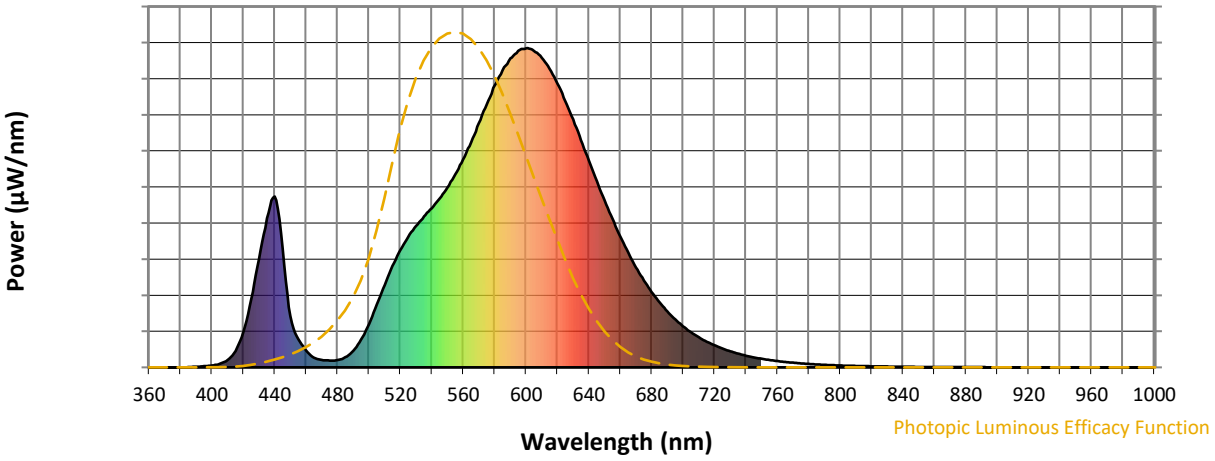


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

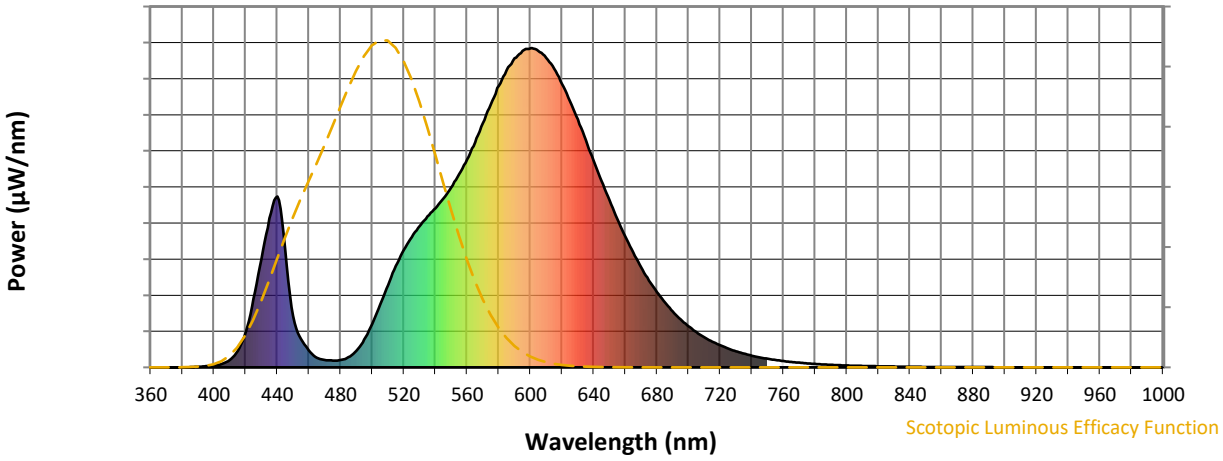


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

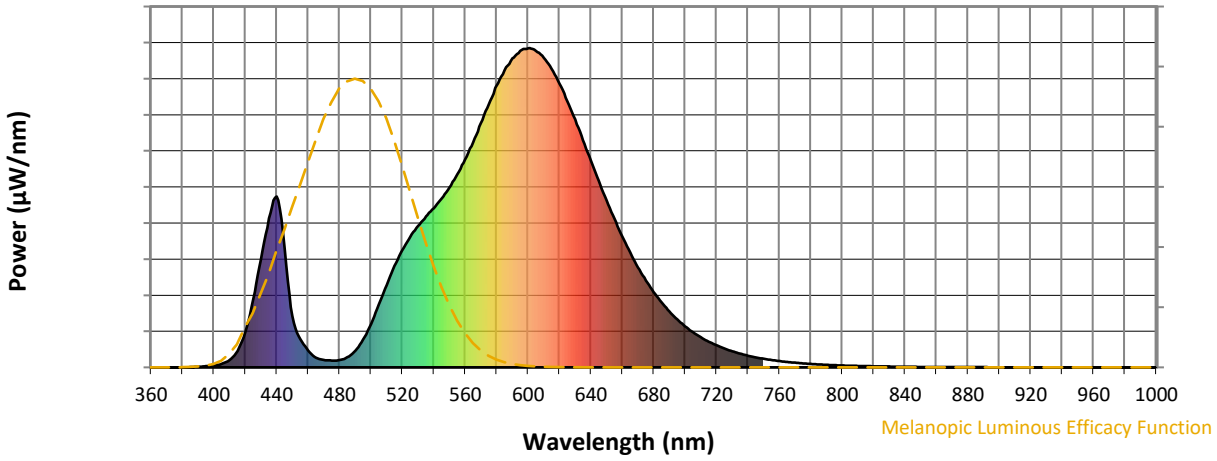


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

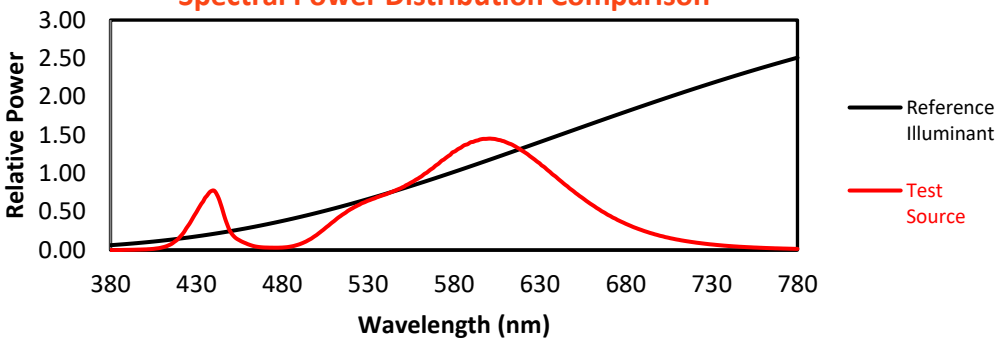
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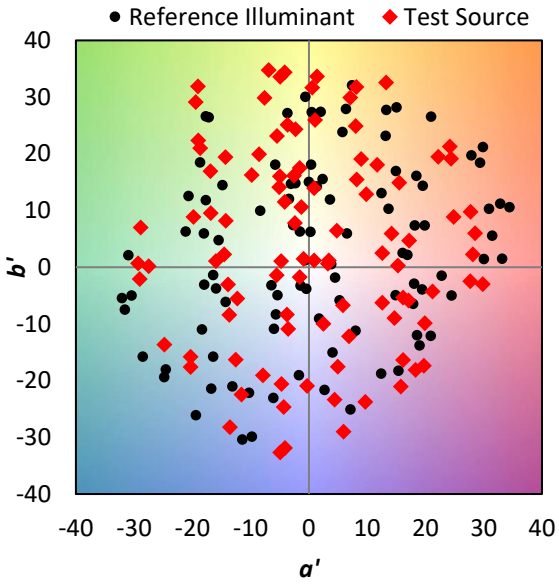
Summary

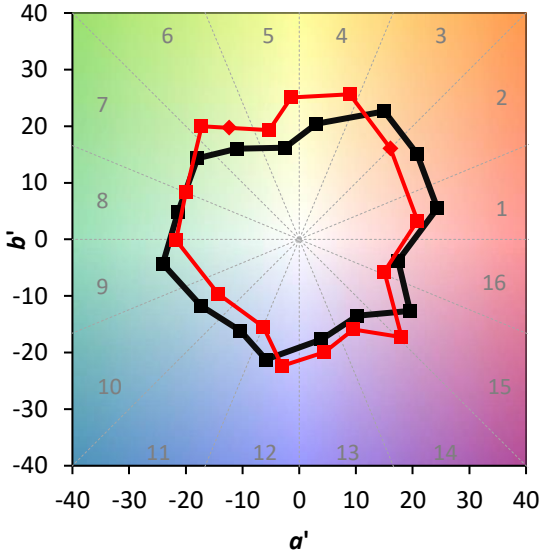
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

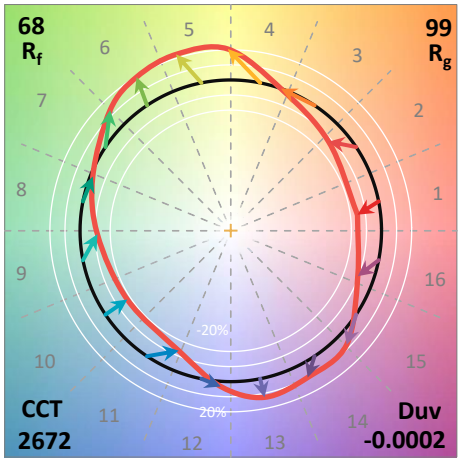
Spectral Power Distribution Comparison

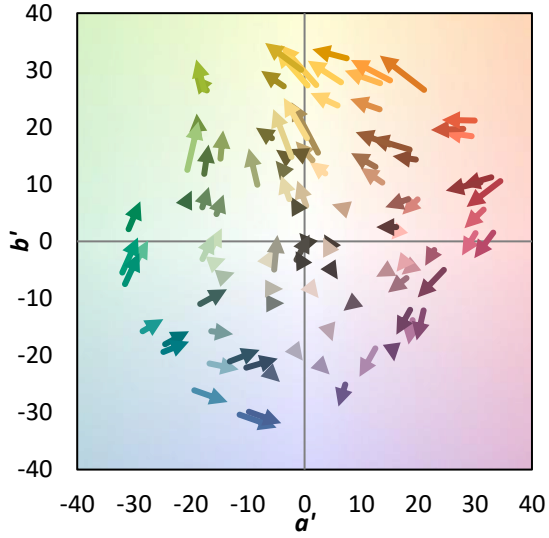


Color Vector Graphics







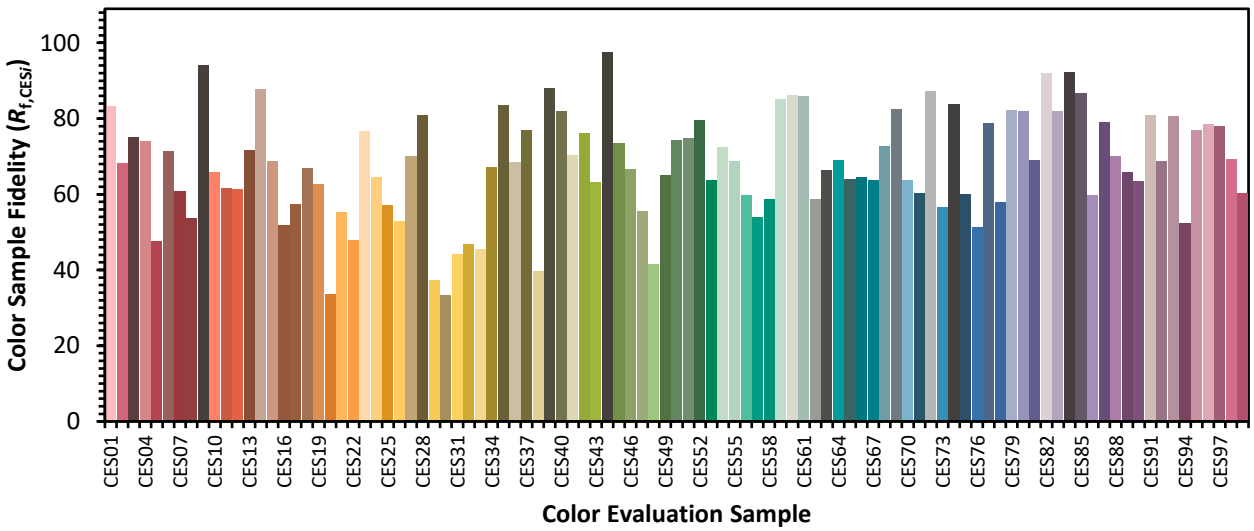


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Individual Sample Fidelity Index ($R_{f,i}$)

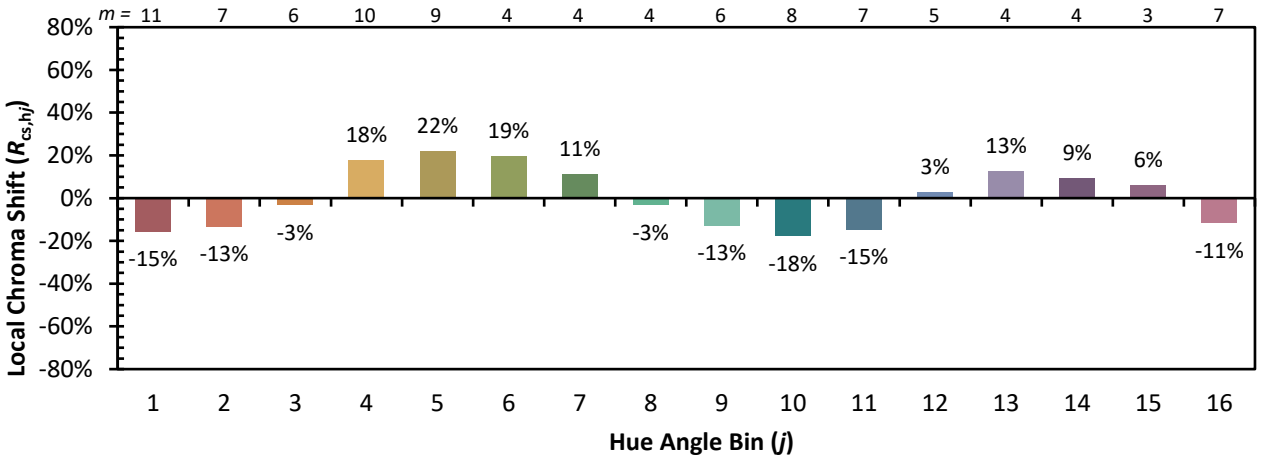
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

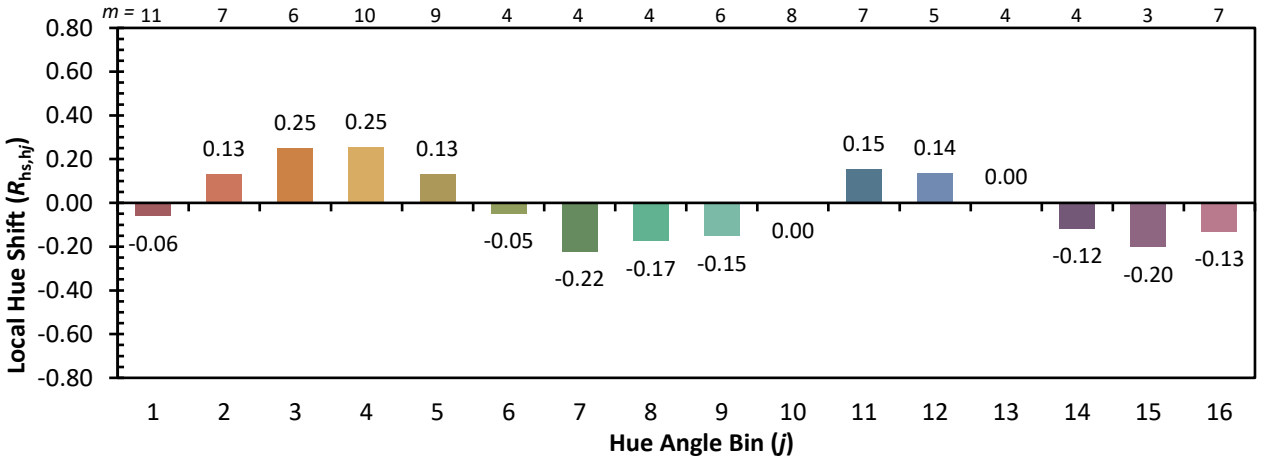


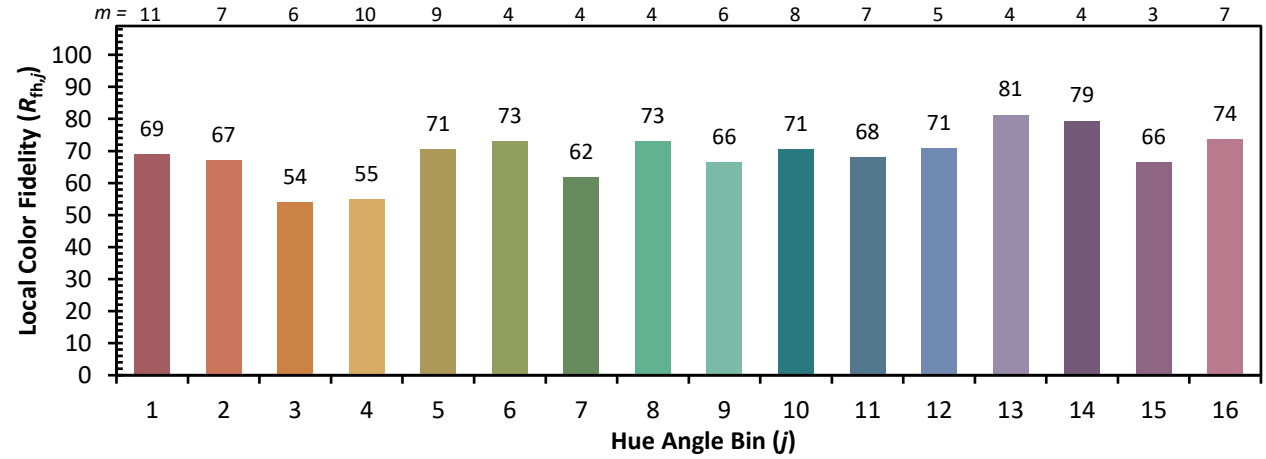
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Color Rendition by Hue-Angle Bin



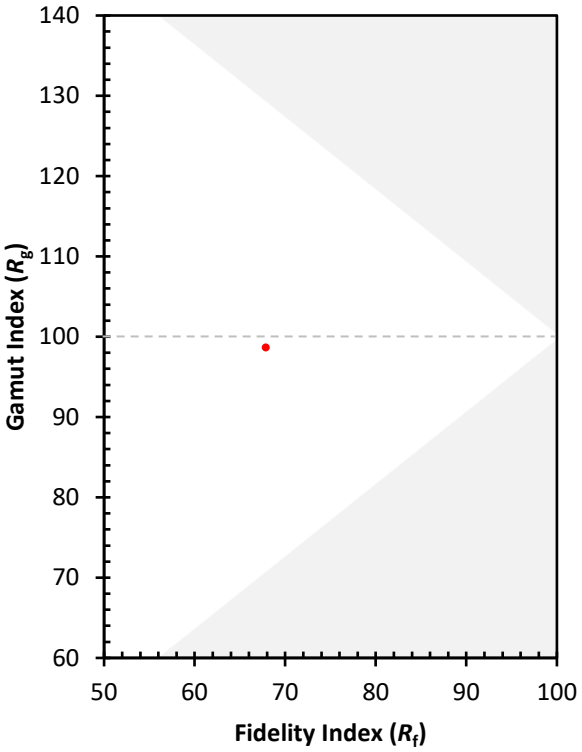


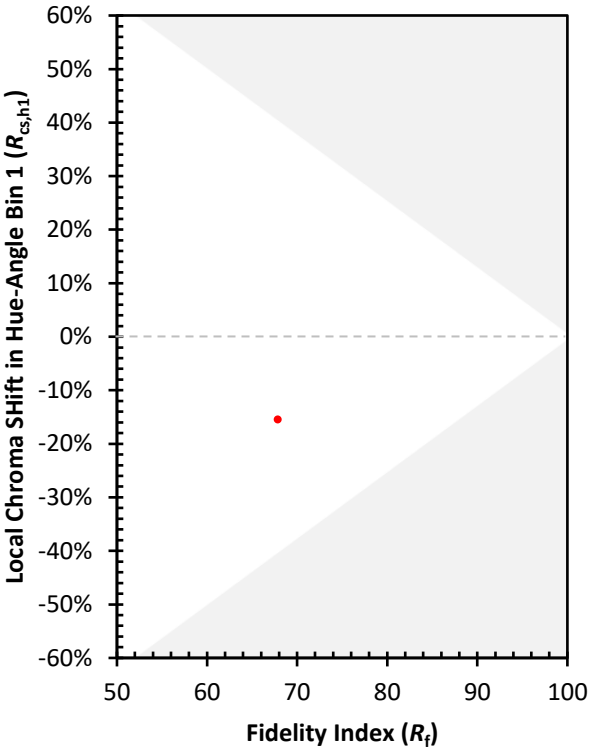


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Measure Comparisons





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