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: P1501192

Luminaire Tested: GSS-SB3D-840-U-T3LG

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:	P1501192
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27940.3 lumens
Efficiency:	N/A
Efficacy:	127.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

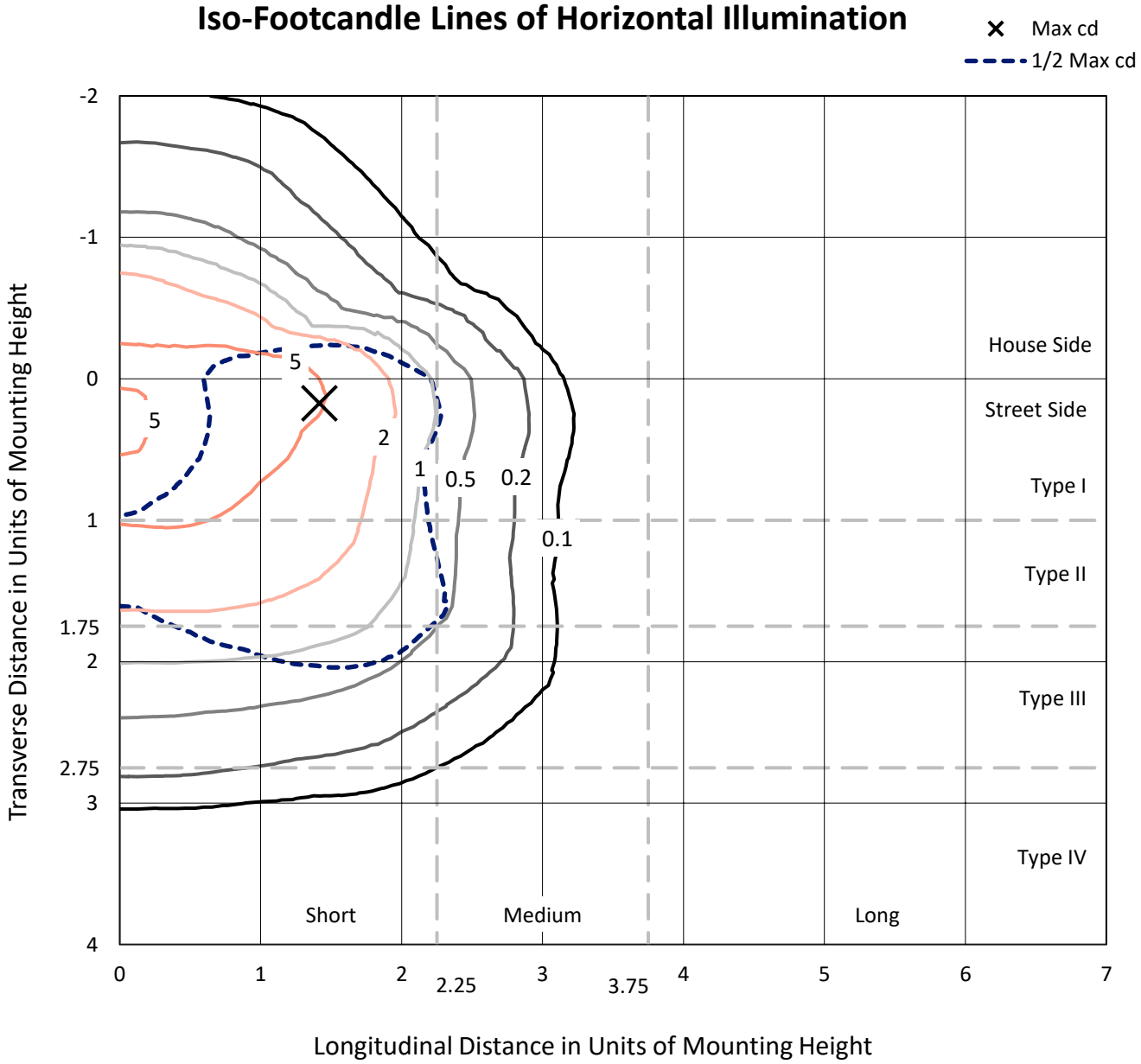
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501192
CATALOG NUMBER: GSS-SB3D-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



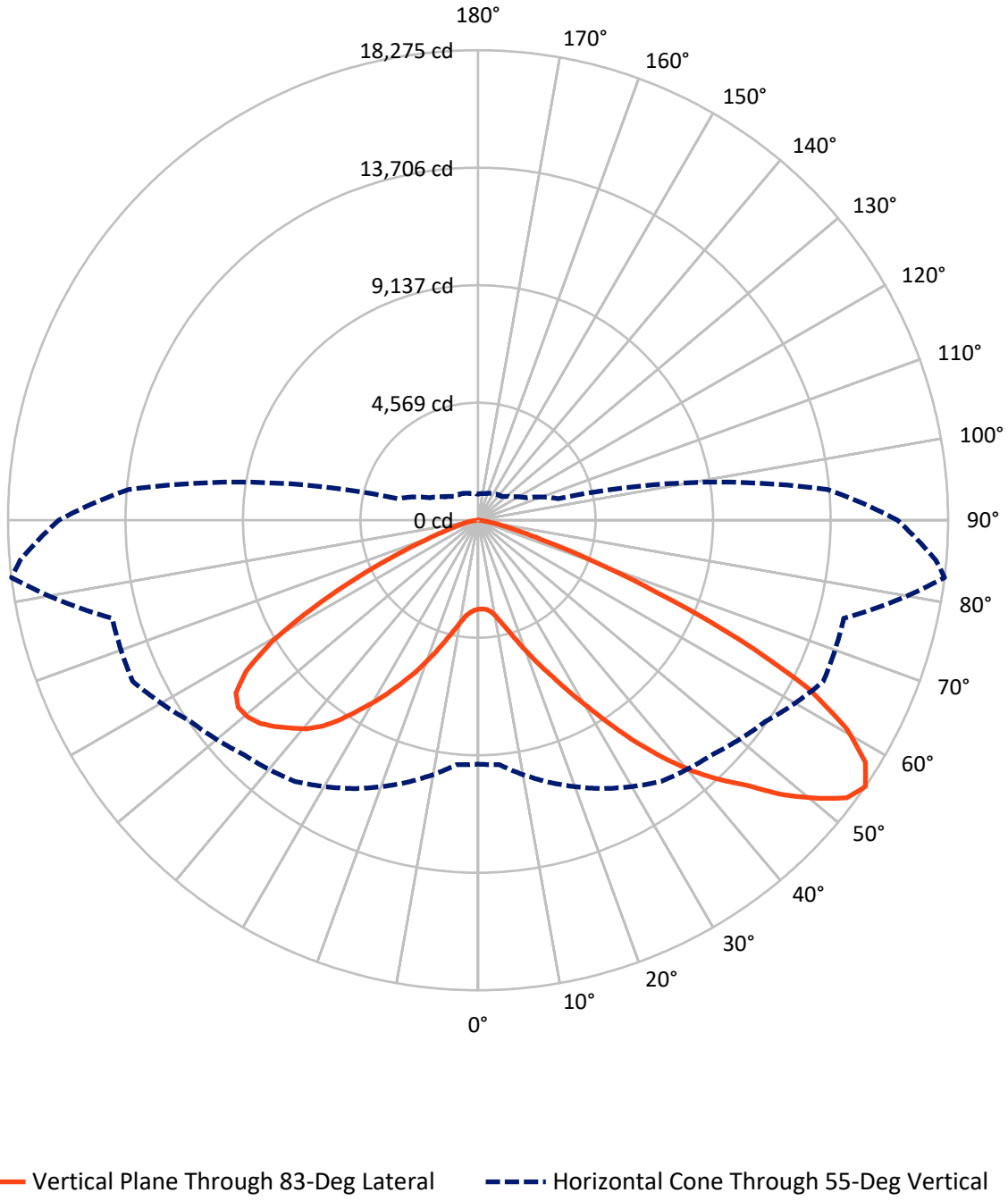
Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1501192
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Luminous Intensity Polar Plot



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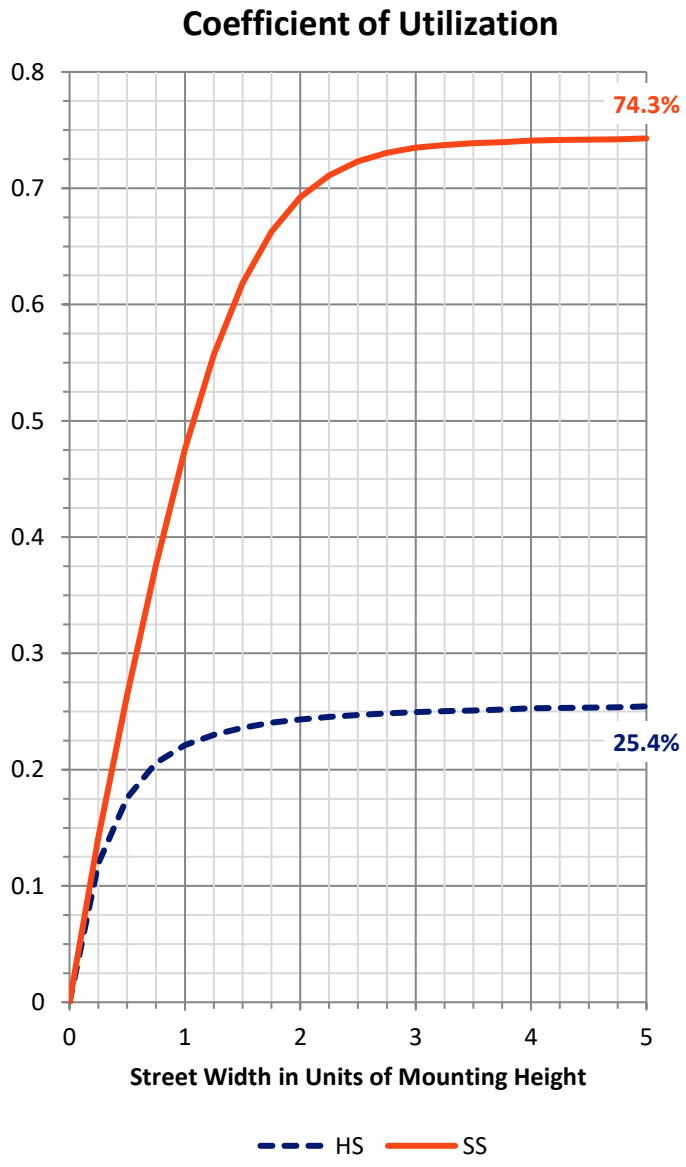
REPORT NUMBER: P1501192
CATALOG NUMBER: GSS-SB3D-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7170.1	0.0	7170.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	20770.2	0.0	20770.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	27940.3	0.0	27940.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.2	1.2
10°-20°	1088.7	3.9
20°-30°	2179.5	7.8
30°-40°	3877.7	13.9
40°-50°	5843.6	20.9
50°-60°	7120.8	25.5
60°-70°	5758.1	20.6
70°-80°	1577.1	5.6
80°-90°	160.6	0.6
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°	27940.3	100.0
0°-180°	27940.3	100.0



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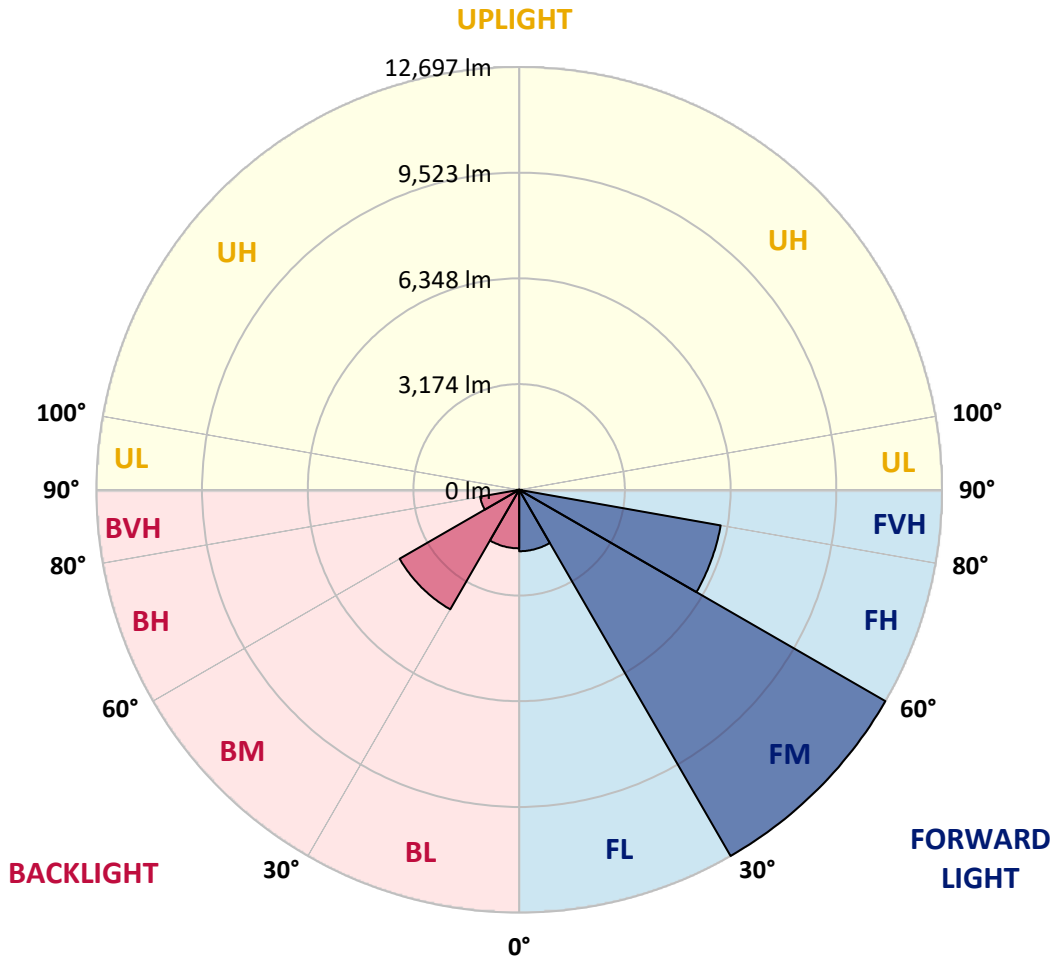
Scaled Data Report

REPORT NUMBER: P1501192
CATALOG NUMBER: GSS-SB3D-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1844.8	6.6			
FM	(30°-60°)	12696.9	45.4			
FH	(60°-80°)	6144.8	22.0			G3/7500
FVH	(80°-90°)	83.7	0.3			G1/100
BL	(0°-30°)	1757.6	6.3	B3/2500		
BM	(30°-60°)	4145.1	14.8	B3/5000		
BH	(60°-80°)	1190.4	4.3	B3/2500		G3/2500
BVH	(80°-90°)	77.0	0.3			G1/100
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°	35°	45°	55°	65°	75°	83°	85°
0°	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	*3458.7*	3458.7
2.5°	3359.4	3353.1	3346.9	3340.7	3353.1	3371.8	3390.4	3402.8	3433.9	*3458.7*	3446.3
5°	3092.3	3079.9	3092.3	3142.0	3185.5	3260.0	3334.5	3384.2	3452.5	*3483.5*	3496.0
7.5°	2856.4	2844.0	2856.4	2918.5	2993.0	3111.0	3266.2	3390.4	3514.6	*3589.1*	3601.5
10°	2856.4	2862.6	2862.6	2887.4	2924.7	3042.7	3229.0	3464.9	3682.3	*3787.8*	3812.7
12.5°	2949.5	2949.5	2949.5	2980.6	3005.4	3098.6	3309.7	3601.5	3949.3	*4104.5*	4123.1
15°	3073.7	3067.5	3086.1	3104.8	3148.2	3241.4	3452.5	3800.2	4241.1	*4477.1*	4501.9
17.5°	3247.6	3235.2	3253.8	3297.3	3359.4	3464.9	3676.0	4073.5	4644.7	*4942.8*	4980.0
20°	3440.1	3433.9	3471.1	3539.4	3626.4	3756.8	3998.9	4402.6	5104.2	*5483.0*	5551.3
22.5°	3669.8	3657.4	3725.7	3849.9	3967.9	4116.9	4408.8	4831.0	5632.0	*6085.3*	6153.6
25°	3930.6	3930.6	4023.8	4172.8	4352.9	4619.9	4911.7	5377.5	6253.0	*6737.3*	6842.9
27.5°	4359.1	4390.1	4427.4	4582.6	4837.2	5197.4	5507.9	6035.7	6929.8	*7538.4*	7575.6
30°	5054.6	5042.1	5104.2	5209.8	5420.9	5799.7	6265.4	6830.5	7786.8	*8426.3*	8519.5
32.5°	5681.7	5700.4	5787.3	5986.0	6240.6	6563.5	7122.3	7817.8	8718.2	*9457.1*	9500.6
35°	6315.1	6327.5	6495.2	6793.2	7172.0	7532.2	8140.7	8823.8	9730.3	*10605.9*	10723.9
37.5°	7203.1	7190.6	7358.3	7612.9	8122.1	8680.9	9171.5	9823.5	10699.0	*11723.6*	11860.2
40°	7867.5	7935.8	8252.5	8575.4	9053.5	9631.0	10047.0	10661.8	11493.9	*12816.5*	12940.7
42.5°	8550.5	8606.4	9028.7	9513.0	10016.0	10407.2	10730.1	11301.4	12127.2	*13785.2*	13853.5
45°	9115.6	9190.1	9674.5	10289.2	10810.8	11208.2	11320.0	11854.0	12773.0	*14716.6*	14822.2
47.5°	9475.8	9556.5	10127.8	10848.1	11382.1	11804.3	11767.1	12518.4	13462.3	*15952.3*	15915.0
50°	9724.1	9773.8	10394.8	11164.7	11860.2	12139.6	12301.1	13269.8	14170.2	*16989.3*	16852.7
52.5°	9904.2	9984.9	10550.0	11394.5	12127.2	12493.6	12928.3	14139.1	14660.7	*17939.3*	17635.1
55°	*9482.0*	*9544.1*	*10537.6*	*11512.5*	*12400.4*	*12884.8*	*13642.4*	*14816.0*	*14722.8*	*18274.7*	*17864.8*
57.5°	9047.3	9097.0	10016.0	11481.4	12698.5	13369.1	14455.8	14902.9	14170.2	*17759.3*	17243.9
60°	8500.9	8538.1	9457.1	11152.3	12704.7	13747.9	14871.8	14269.5	13145.6	*16461.5*	15970.9
62.5°	7494.9	7494.9	8507.1	10264.4	12394.2	13940.4	14760.1	13071.1	11773.3	*14418.5*	13741.7
65°	6501.4	6457.9	7141.0	8680.9	11568.4	13890.7	13921.8	11555.9	9643.4	*11121.3*	10593.5
67.5°	5420.9	5427.1	5830.8	7047.8	9370.2	12853.7	12152.1	8929.3	6718.7	*7488.7*	7215.5
70°	3669.8	3763.0	4172.8	5116.7	7066.5	9109.4	9674.5	6048.1	4191.4	*4650.9*	4427.4
72.5°	1397.1	1415.8	1893.9	2682.5	4464.7	5476.8	6749.8	3384.2	2452.8	*2564.5*	2577.0
75°	589.9	614.7	807.2	1130.1	1980.8	2986.8	3551.9	1713.8	1490.3	*1533.8*	1521.3
77.5°	397.4	409.8	490.6	608.5	894.2	1198.4	1484.1	968.7	912.8	*856.9*	832.1
80°	298.1	298.1	353.9	409.8	503.0	614.7	645.8	490.6	546.4	*453.3*	440.9
82.5°	192.5	204.9	223.5	242.2	285.6	304.3	260.8	267.0	316.7	*236.0*	223.5
85°	93.1	99.4	105.6	111.8	111.8	105.6	93.1	118.0	161.4	*99.4*	93.1
87.5°	12.4	12.4	12.4	12.4	12.4	12.4	6.2	6.2	6.2	*6.2*	6.2
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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Scaled Data Report

REPORT NUMBER: P1501192
CATALOG NUMBER: GSS-SB3D-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7	3458.7
2.5°	3464.9	3489.8	3508.4	3520.8	3551.9	3545.6	3564.3	3576.7	3589.1	3607.7	3582.9
5°	3527.0	3570.5	3620.2	3657.4	3694.7	3713.3	3719.5	3731.9	3738.1	3750.6	3744.4
7.5°	3663.6	3713.3	3787.8	3825.1	3856.1	3856.1	3837.5	3831.3	3812.7	3825.1	3825.1
10°	3893.4	3967.9	4048.6	4054.8	4017.6	3974.1	3905.8	3868.5	3818.9	3806.4	3794.0
12.5°	4228.7	4328.0	4390.1	4346.7	4216.3	4054.8	3874.8	3707.1	3576.7	3520.8	3508.4
15°	4607.5	4731.7	4744.1	4619.9	4383.9	3992.7	3613.9	3427.7	3359.4	3359.4	3353.1
17.5°	5129.1	5216.0	5166.3	4868.3	4340.5	3700.9	3427.7	3396.6	3415.2	3440.1	3440.1
20°	5675.5	5774.9	5570.0	5042.1	4073.5	3527.0	3446.3	3471.1	3514.6	3539.4	3533.2
22.5°	6327.5	6377.2	5979.8	5048.4	3787.8	3483.5	3483.5	3514.6	3545.6	3582.9	3582.9
25°	6998.1	6979.5	6358.6	4818.6	3626.4	3471.1	3458.7	3483.5	3496.0	3514.6	3508.4
27.5°	7749.5	7650.1	6650.4	4452.2	3576.7	3433.9	3371.8	3346.9	3359.4	3378.0	3384.2
30°	8612.6	8376.7	6886.4	4222.5	3558.1	3346.9	3197.9	3129.6	3117.2	3142.0	3142.0
32.5°	9612.4	9103.2	7029.2	4191.4	3539.4	3191.7	2993.0	2862.6	2837.8	2850.2	2881.2
35°	10636.9	9978.7	6991.9	4272.2	3545.6	3067.5	2775.7	2601.8	2577.0	2589.4	2620.4
37.5°	11711.2	10810.8	6849.1	4396.4	3496.0	2899.9	2577.0	2365.8	2328.6	2353.4	2365.8
40°	12543.3	11512.5	6495.2	4446.0	3409.0	2688.7	2347.2	2167.1	2067.8	2061.6	2092.6
42.5°	13313.2	12065.1	6110.2	4365.3	3229.0	2465.2	2111.2	1931.2	1775.9	1657.9	1657.9
45°	14083.2	12624.0	5719.0	4135.6	2930.9	2229.2	1862.9	1620.7	1440.6	1353.7	1359.9
47.5°	14853.2	13164.2	5253.3	3787.8	2632.8	1980.8	1595.9	1403.4	1279.2	1210.9	1210.9
50°	15567.3	13555.4	4657.2	3235.2	2291.3	1732.5	1409.6	1297.8	1204.6	1142.6	1130.1
52.5°	16194.5	13816.2	3849.9	2564.5	1918.7	1453.0	1310.2	1223.3	1155.0	1086.7	1068.0
55°	*16306.2*	*13642.4*	*3222.7*	*2061.6*	*1583.4*	*1304.0*	*1235.7*	*1161.2*	*1068.0*	*1037.0*	*1018.4*
57.5°	15617.0	12723.3	2719.8	1738.7	1353.7	1198.4	1173.6	1086.7	1012.2	981.1	962.5
60°	14443.4	11053.0	2247.9	1490.3	1204.6	1099.1	1130.1	1043.2	925.2	906.6	888.0
62.5°	12332.1	8625.0	1794.6	1254.3	1092.9	1024.6	1055.6	931.4	832.1	807.2	801.0
65°	9587.5	6172.3	1508.9	1105.3	1005.9	950.1	937.6	825.9	751.4	732.7	732.7
67.5°	6693.9	3924.4	1260.5	1012.2	894.2	856.9	850.7	776.2	726.5	707.9	707.9
70°	4098.3	2378.3	1061.8	925.2	788.6	720.3	763.8	751.4	676.8	658.2	652.0
72.5°	2129.9	1422.0	931.4	850.7	664.4	614.7	683.0	689.3	627.2	652.0	645.8
75°	1235.7	987.3	813.4	751.4	527.8	515.4	596.1	658.2	608.5	627.2	614.7
77.5°	707.9	633.4	627.2	614.7	416.0	422.2	534.0	589.9	521.6	540.2	496.8
80°	391.2	409.8	434.7	385.0	291.8	329.1	428.5	471.9	397.4	391.2	360.2
82.5°	204.9	254.6	291.8	248.4	167.7	198.7	291.8	291.8	254.6	242.2	236.0
85°	93.1	105.6	136.6	124.2	62.1	74.5	136.6	149.0	130.4	118.0	111.8
87.5°	6.2	6.2	6.2	6.2	6.2	6.2	12.4	18.6	6.2	6.2	6.2
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

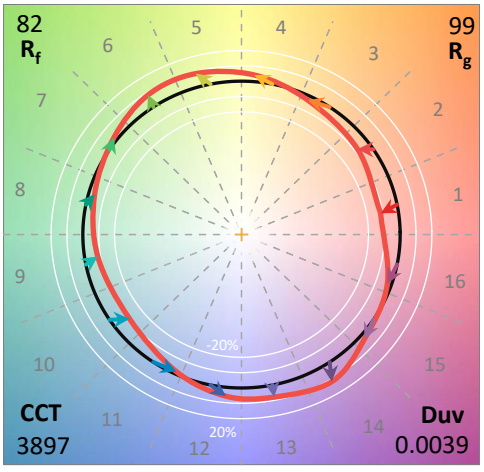
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

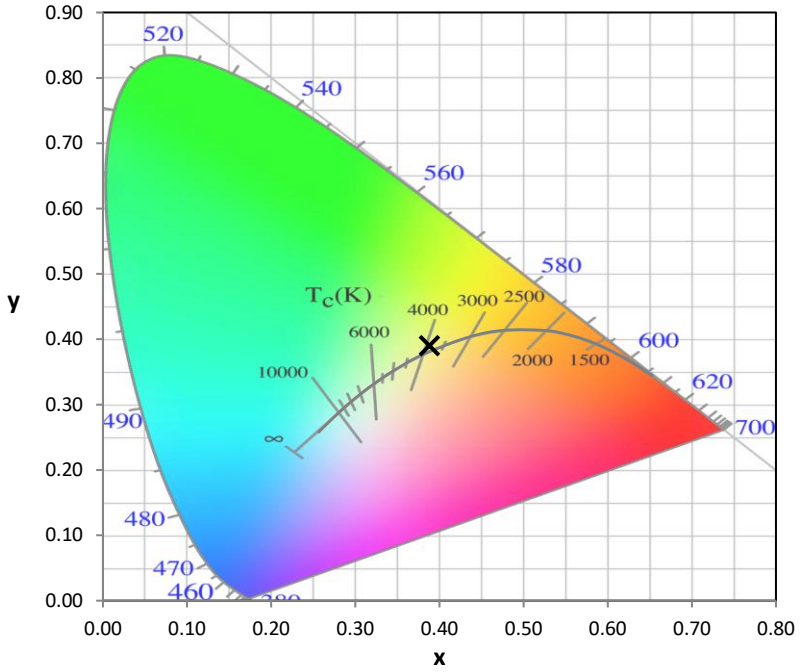
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

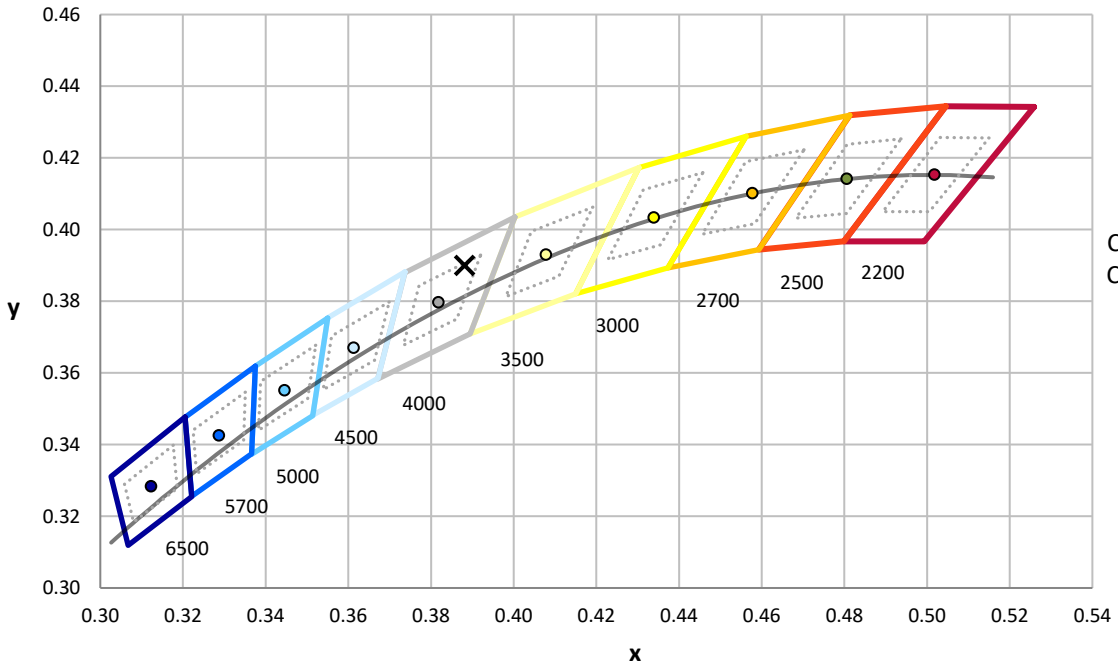
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

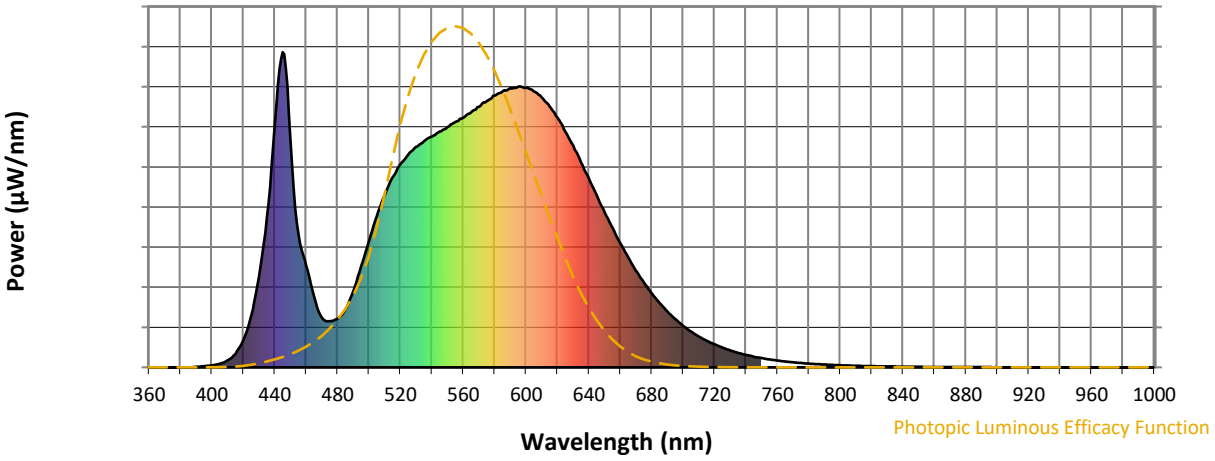


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

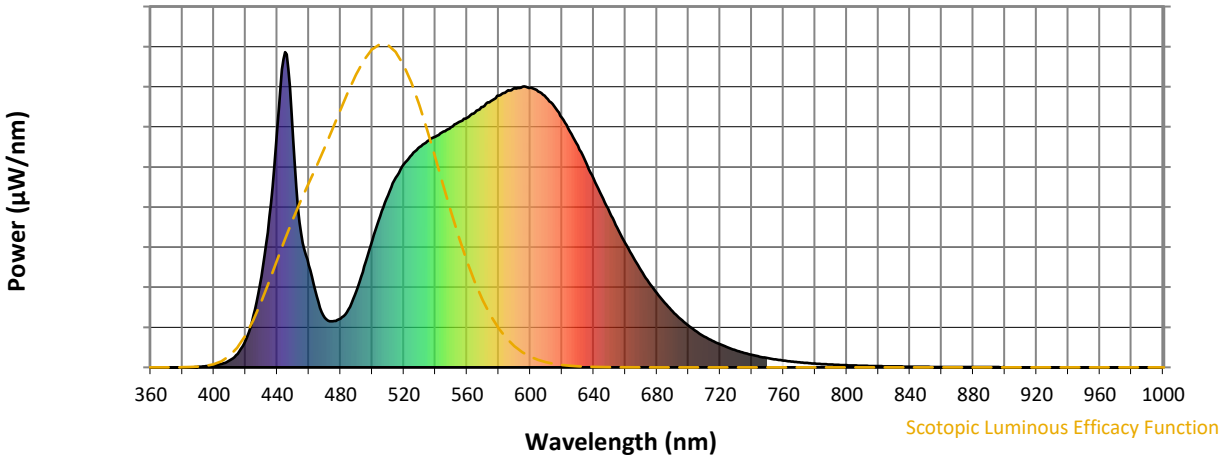


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

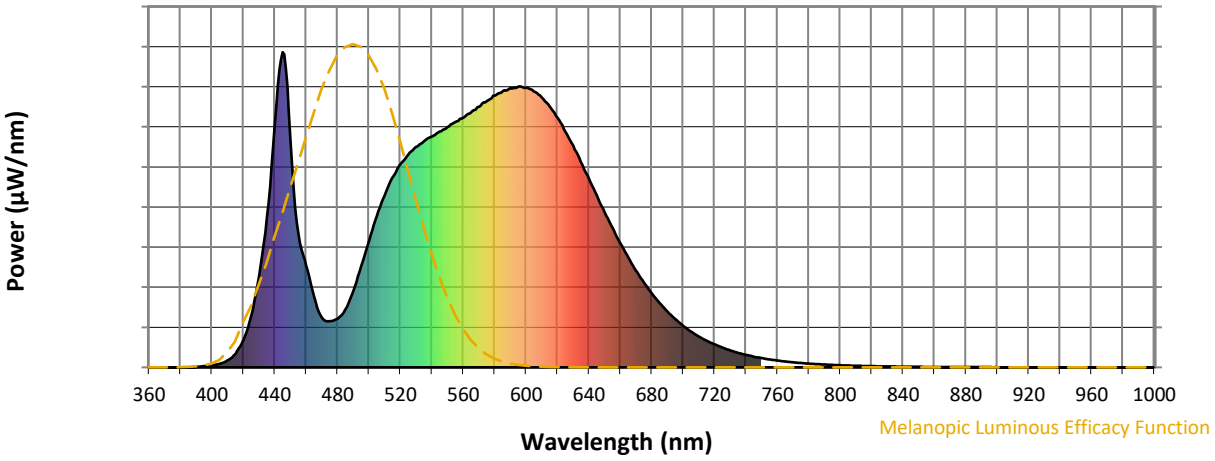


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

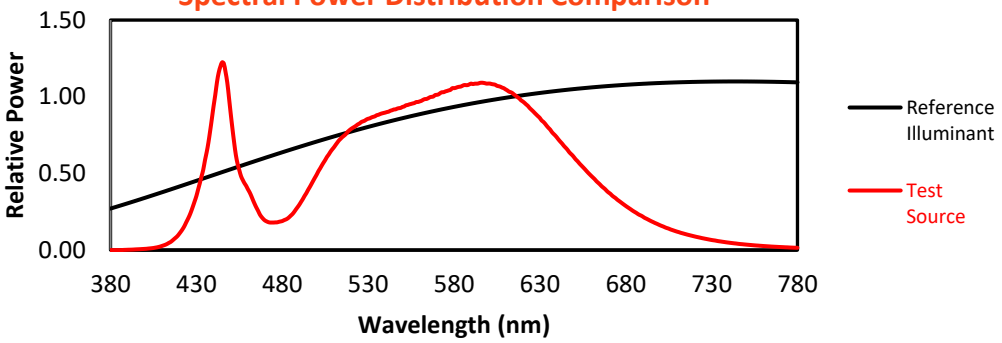
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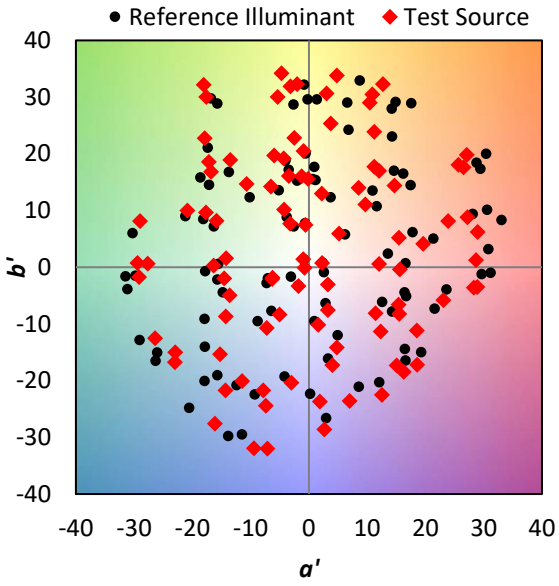
Summary

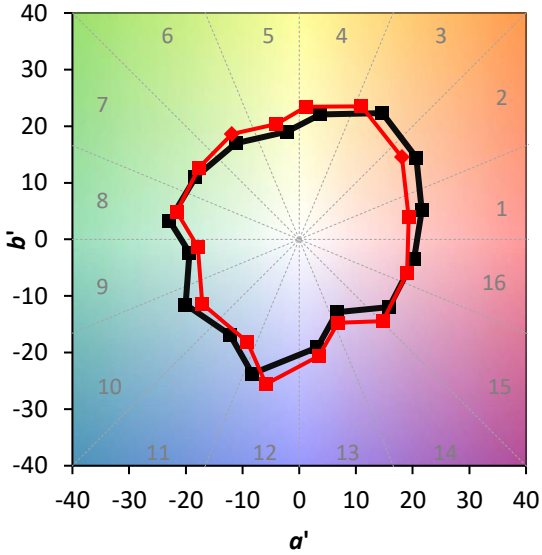
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

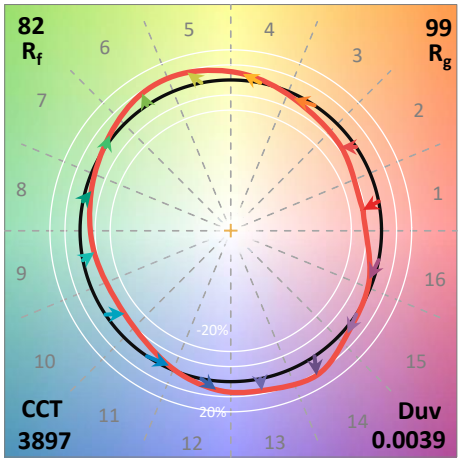
Spectral Power Distribution Comparison

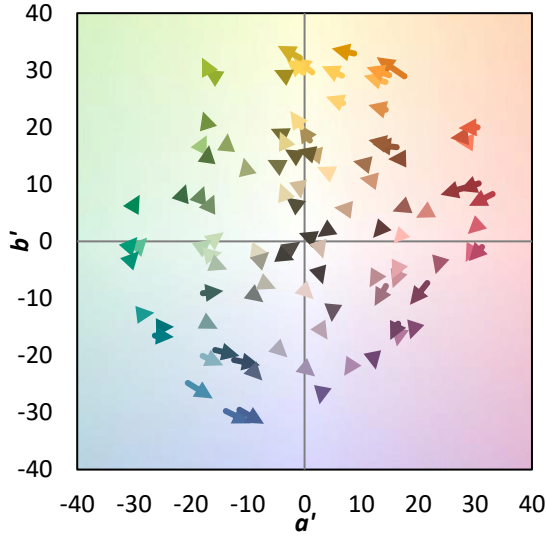


Color Vector Graphics







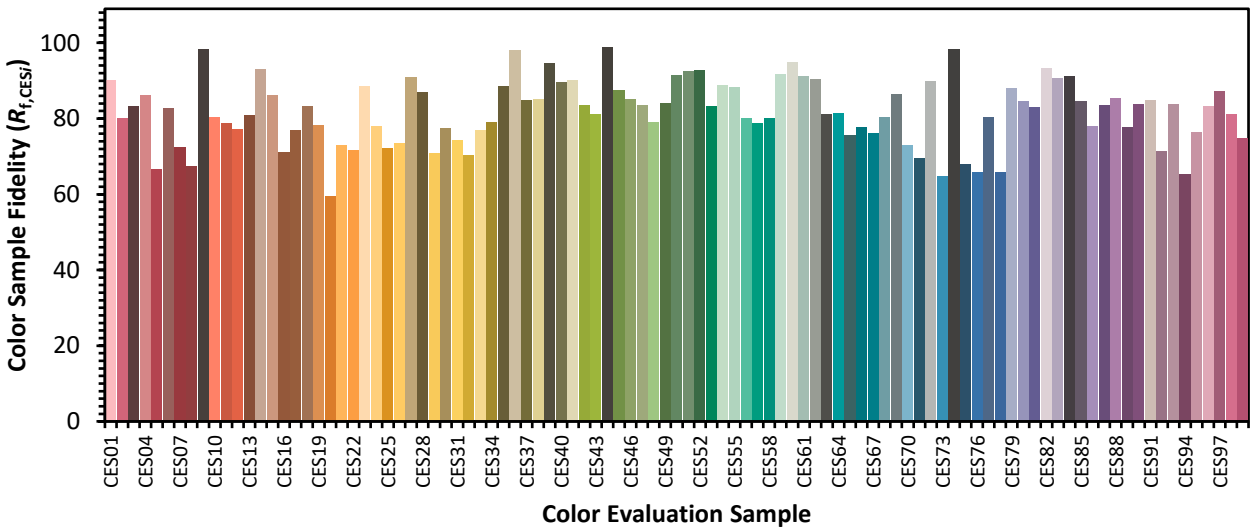


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Individual Sample Fidelity Index ($R_{f,i}$)

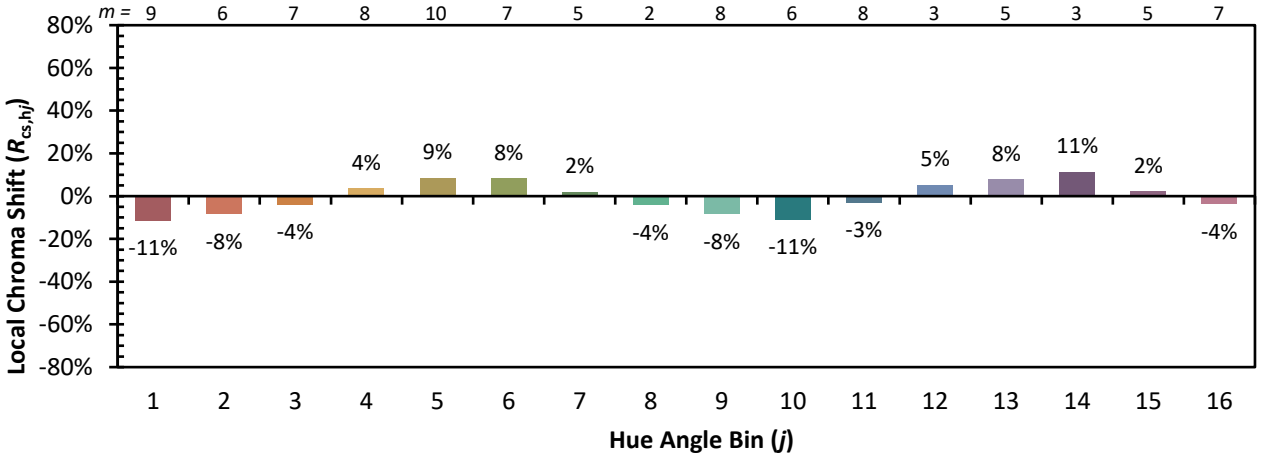
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

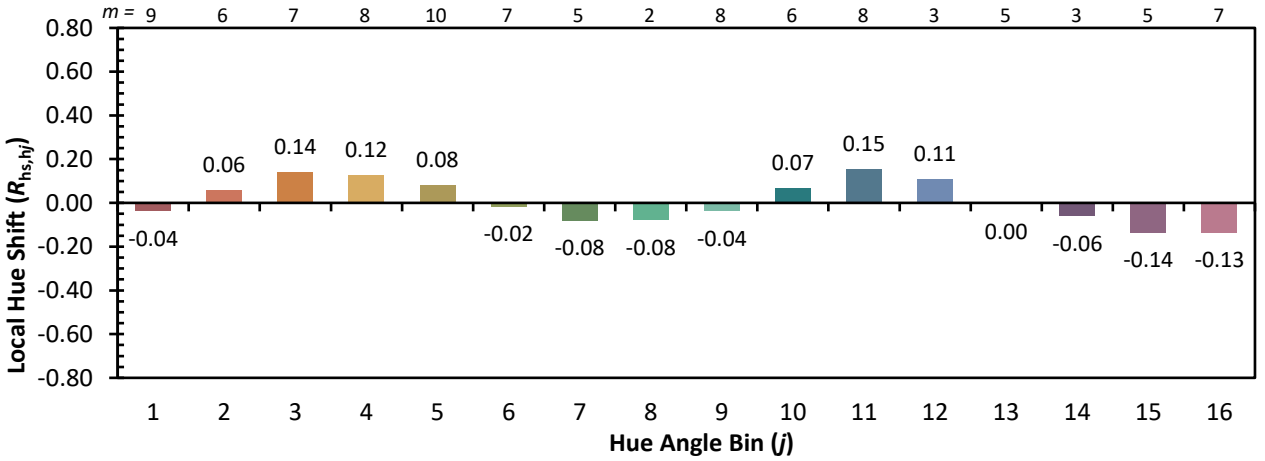


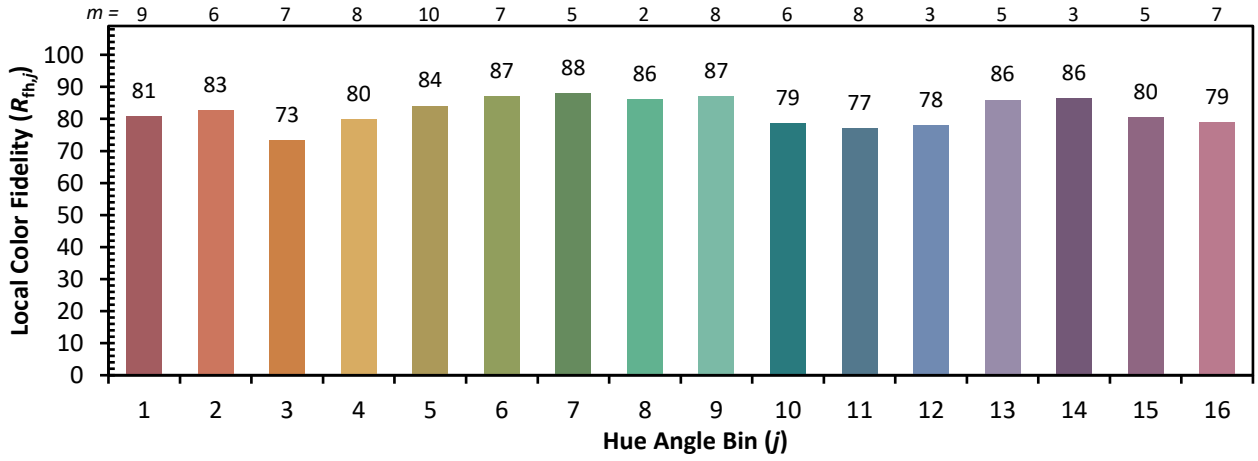
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Color Rendition by Hue-Angle Bin



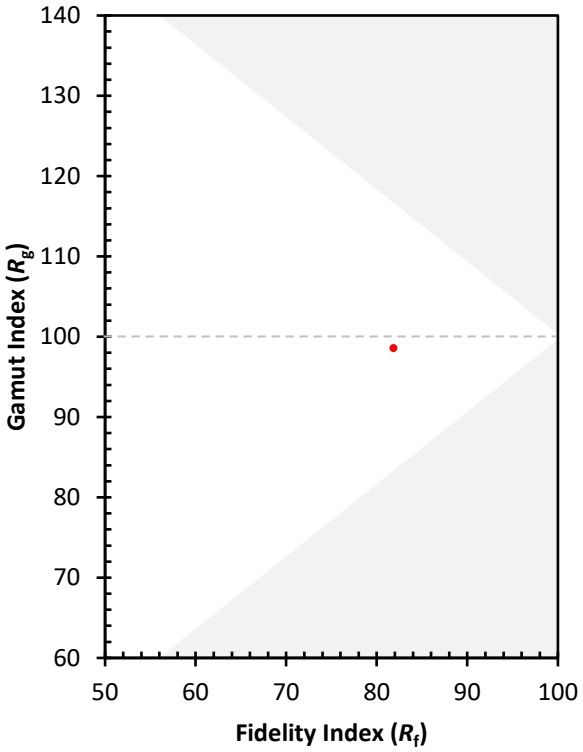


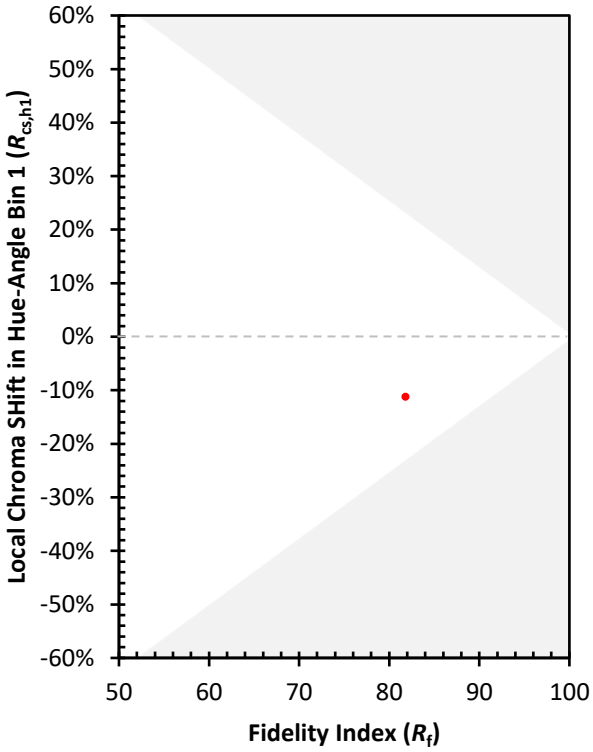


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Measure Comparisons





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