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: P1500808

Luminaire Tested: GSS-SB3D-840-U-T4LG

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:	P1500808
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27429.5 lumens
Efficiency:	N/A
Efficacy:	125.2 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

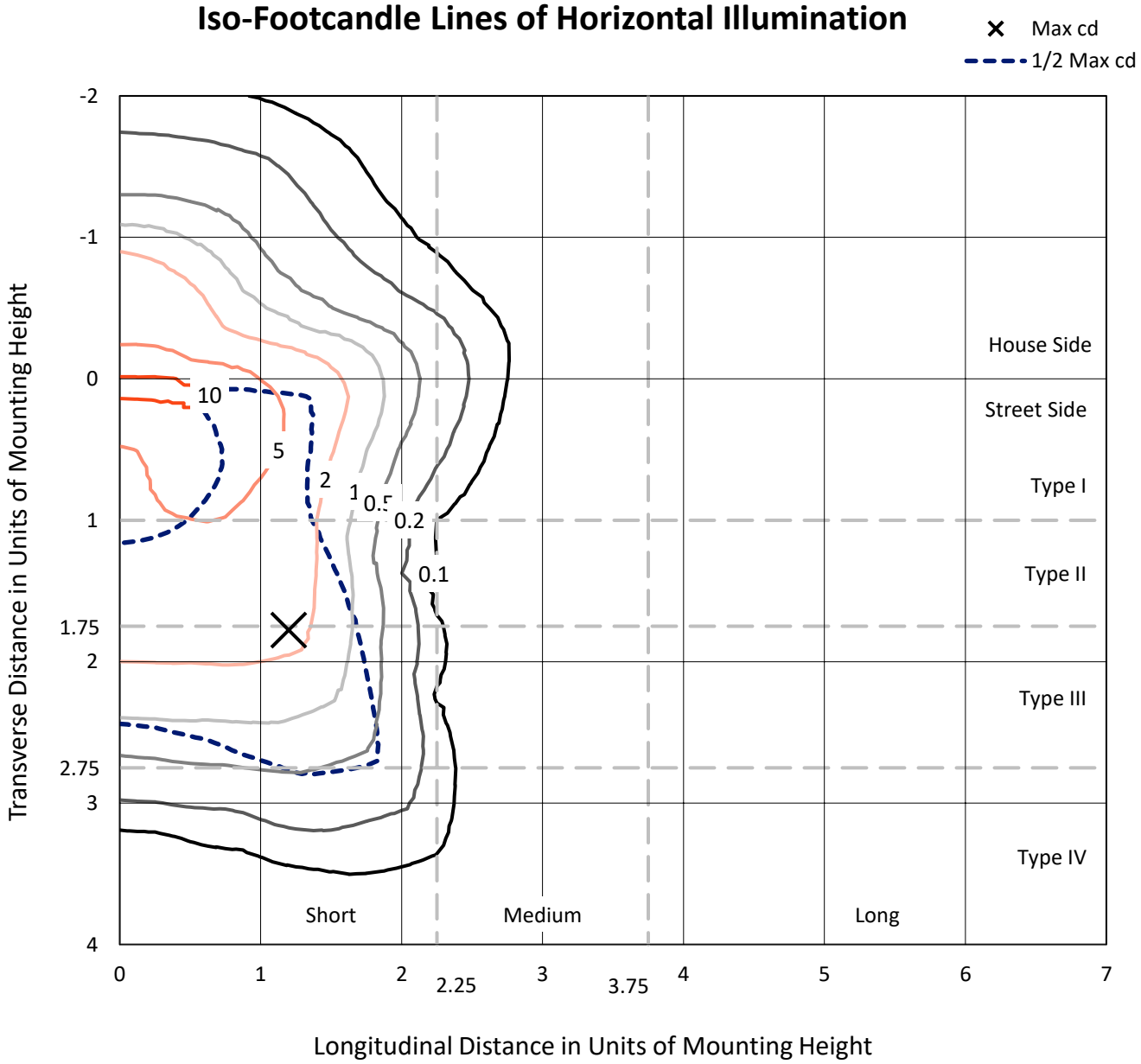
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500808
CATALOG NUMBER: GSS-SB3D-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



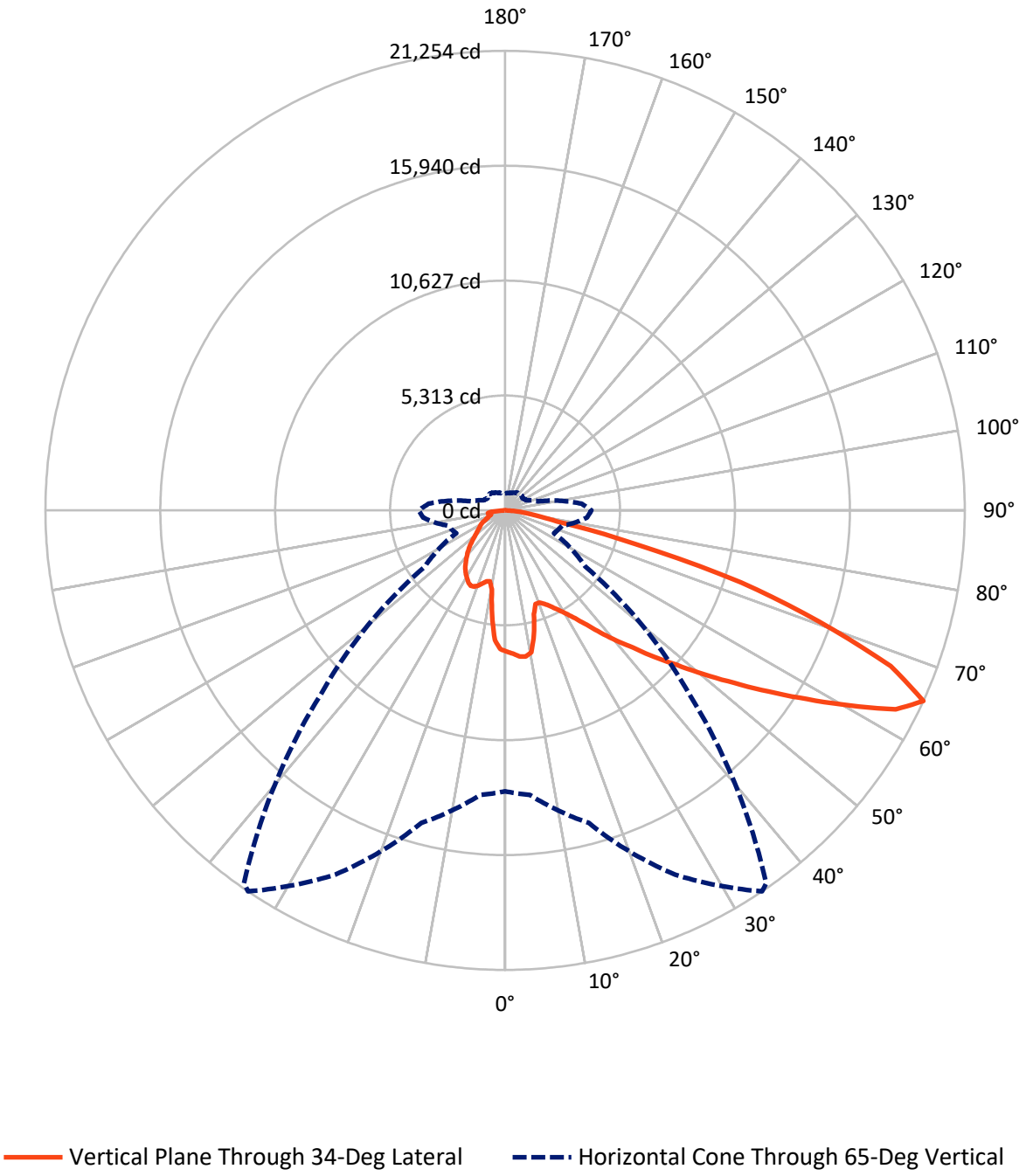
Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1500808
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Luminous Intensity Polar Plot



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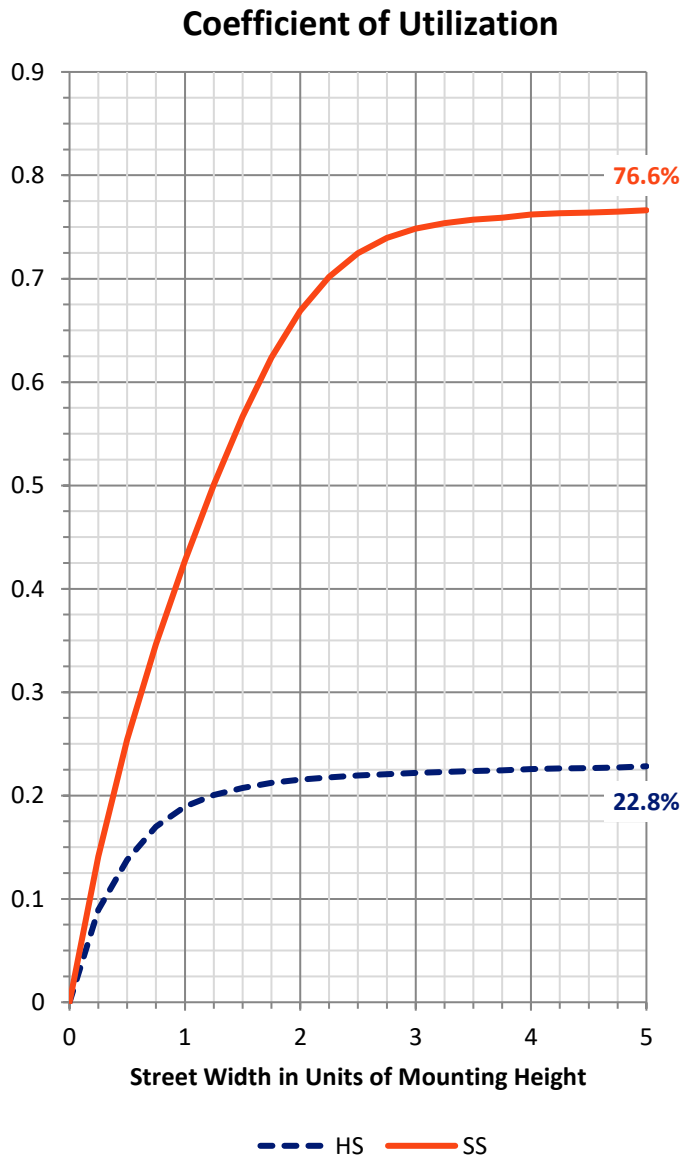
REPORT NUMBER: P1500808
CATALOG NUMBER: GSS-SB3D-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6381.6	0.0	6381.6
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	21047.9	0.0	21047.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	27429.5	0.0	27429.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	587.9	2.1
10°-20°	1479.7	5.4
20°-30°	2452.8	8.9
30°-40°	3688.9	13.4
40°-50°	5168.0	18.8
50°-60°	6516.0	23.8
60°-70°	5604.3	20.4
70°-80°	1666.2	6.1
80°-90°	265.8	1.0
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°	27429.5	100.0
0°-180°	27429.5	100.0



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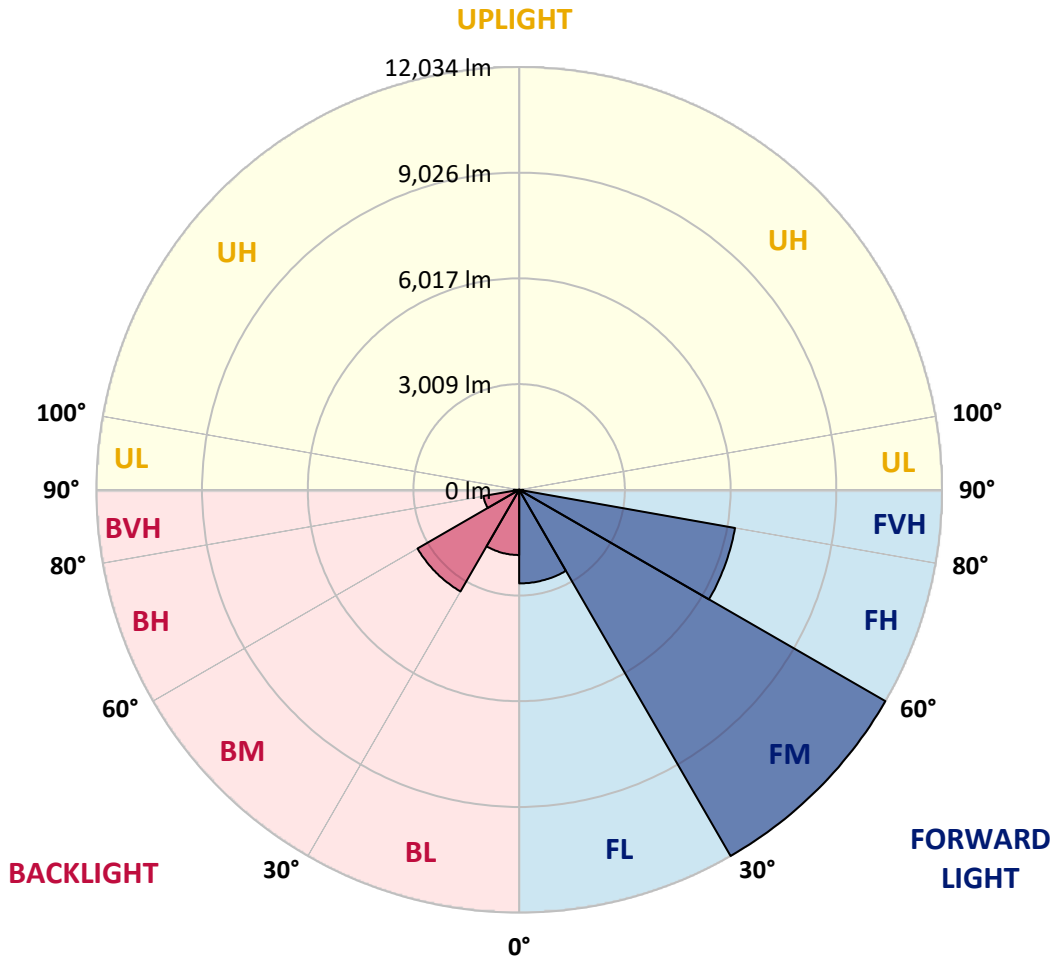
Scaled Data Report

REPORT NUMBER: P1500808
CATALOG NUMBER: GSS-SB3D-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2663.6	9.7			
FM	(30°-60°)	12034.1	43.9			
FH	(60°-80°)	6237.6	22.7			G3/7500
FVH	(80°-90°)	112.5	0.4			G2/225
BL	(0°-30°)	1856.8	6.8	B3/2500		
BM	(30°-60°)	3338.7	12.2	B3/5000		
BH	(60°-80°)	1032.8	3.8	B3/2500		G3/2500
BVH	(80°-90°)	153.4	0.6			G2/225
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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REPORT NUMBER: P1500808
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5
2.5°	6645.7	6683.0	6639.5	6620.8	6627.1	6633.3	6602.2	6608.4	6571.2	6571.2	6540.1
5°	6788.5	6794.8	6769.9	6788.5	6782.3	6776.1	6776.1	6769.9	6689.2	6670.5	6639.5
7.5°	6707.8	6732.6	6745.1	6813.4	6832.0	6869.3	6894.1	6906.6	6844.4	6794.8	6714.0
10°	5968.7	5987.3	6130.2	6440.7	6676.7	6720.2	6950.0	7080.5	7037.0	7012.1	6875.5
12.5°	4770.0	4801.0	4962.5	5366.2	5919.0	6037.0	6769.9	7210.9	7310.3	7316.5	7117.7
15°	4254.5	4254.5	4304.2	4534.0	4981.2	5074.3	6155.0	7248.2	7602.2	7645.7	7403.4
17.5°	4148.9	4142.7	4173.7	4310.4	4546.4	4602.3	5447.0	7055.6	7950.0	8024.5	7714.0
20°	4142.7	4124.1	4186.2	4341.4	4546.4	4596.1	5117.8	6720.2	8223.3	8459.3	8024.5
22.5°	4148.9	4148.9	4235.9	4459.4	4695.5	4738.9	5179.9	6440.7	8446.9	8912.7	8353.7
25°	4217.2	4204.8	4329.0	4602.3	4925.3	4956.3	5434.6	6428.3	8639.4	9422.0	8751.2
27.5°	4329.0	4335.2	4502.9	4832.1	5198.5	5260.7	5788.6	6695.4	8875.4	9981.0	9136.3
30°	4565.0	4571.2	4770.0	5105.4	5527.7	5608.5	6198.5	7092.9	9210.8	10583.4	9552.4
32.5°	4832.1	4863.2	5105.4	5496.7	5950.1	5993.5	6701.6	7689.1	9713.9	11185.9	9999.6
35°	5279.3	5310.3	5583.6	5993.5	6496.6	6558.7	7316.5	8378.5	10328.8	11794.6	10347.4
37.5°	5856.9	5881.7	6148.8	6645.7	7179.8	7241.9	7999.7	9111.4	10949.9	12279.0	10658.0
40°	6546.3	6602.2	6887.9	7372.4	7912.7	7950.0	8745.0	9819.5	11620.6	12614.4	10782.2
42.5°	7297.8	7353.7	7645.7	8179.8	8676.7	8788.5	9552.4	10571.0	12167.2	12763.5	10682.8
45°	8260.5	8248.1	8521.4	9080.4	9664.2	9707.7	10415.7	11192.1	12496.4	12639.2	10583.4
47.5°	9428.2	9440.6	9614.5	10067.9	10670.4	10769.7	11316.3	11726.2	12688.9	12539.9	10471.6
50°	10744.9	10776.0	10925.0	11254.2	11900.1	11968.5	12129.9	12098.9	12806.9	12328.7	10515.1
52.5°	12061.6	12080.3	12279.0	12626.8	13254.1	13303.8	12949.8	12384.6	12366.0	11477.8	10421.9
55°	13142.3	13136.1	13490.1	14024.3	14788.2	14757.2	13757.2	12167.2	10987.1	10154.9	10005.8
57.5°	14080.2	14117.4	14577.0	15502.5	16465.2	16440.3	14620.5	11018.2	8974.8	8589.7	9328.8
60°	14924.9	15011.8	15875.1	17260.2	18322.2	18173.2	14775.8	9285.3	6981.1	6726.4	7987.3
62.5°	14558.4	14719.9	16104.9	18806.7	20266.3	19937.1	13819.3	7192.3	4726.5	4496.7	5645.7
65°	12993.3	13210.6	14968.3	18583.1	21253.8	21048.8	12080.3	4521.6	2490.6	2732.8	3801.1
67.5°	10912.6	11173.5	13074.0	16695.0	19229.0	18788.1	9384.7	2378.8	1161.4	1801.2	2360.2
70°	5981.1	6627.1	9453.0	14198.2	15403.1	14788.2	5428.4	1124.2	844.7	1124.2	1409.9
72.5°	2248.4	2403.6	4099.2	9546.2	11409.5	10651.7	2062.0	726.7	708.0	832.3	1018.6
75°	1080.7	1155.2	1782.5	4341.4	6229.6	5807.2	1012.4	540.4	608.7	652.1	739.1
77.5°	645.9	695.6	1111.8	2521.6	2453.3	2254.6	621.1	416.1	490.7	465.8	434.8
80°	385.1	428.6	677.0	1434.7	1478.2	1310.5	378.9	291.9	341.6	298.1	267.1
82.5°	223.6	242.2	354.0	645.9	937.9	863.3	217.4	173.9	248.4	198.7	149.1
85°	111.8	118.0	161.5	279.5	465.8	354.0	93.2	80.7	118.0	87.0	49.7
87.5°	24.8	24.8	24.8	31.1	43.5	43.5	12.4	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: P1500808
CATALOG NUMBER: GSS-SB3D-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5	6521.5
2.5°	6533.9	6546.3	6502.8	6453.2	6440.7	6403.5	6415.9	6391.0	6353.8	6360.0	6366.2
5°	6596.0	6571.2	6484.2	6372.4	6273.0	6161.2	6030.8	5881.7	5776.2	5732.7	5770.0
7.5°	6651.9	6627.1	6478.0	6229.6	5894.2	5428.4	4943.9	4502.9	4198.6	4086.8	4111.6
10°	6807.2	6707.8	6434.5	5894.2	5093.0	4211.0	3720.3	3447.1	3353.9	3304.2	3310.4
12.5°	7012.1	6875.5	6353.8	5310.3	4099.2	3540.2	3366.3	3304.2	3273.2	3260.7	3273.2
15°	7260.6	7049.4	6161.2	4577.5	3639.6	3422.2	3385.0	3391.2	3391.2	3397.4	3397.4
17.5°	7478.0	7148.8	5813.4	4049.5	3546.4	3484.3	3521.6	3552.7	3552.7	3558.9	3552.7
20°	7676.7	7198.5	5366.2	3825.9	3565.1	3596.1	3683.1	3714.1	3720.3	3714.1	3714.1
22.5°	7887.9	7229.5	4919.1	3701.7	3608.5	3701.7	3794.9	3838.4	3850.8	3857.0	3863.2
25°	8092.8	7167.4	4552.6	3602.3	3589.9	3720.3	3825.9	3881.8	3894.3	3894.3	3900.5
27.5°	8297.8	7148.8	4304.2	3471.9	3503.0	3608.5	3732.8	3807.3	3857.0	3863.2	3869.4
30°	8533.8	7092.9	4068.2	3298.0	3310.4	3440.9	3571.3	3701.7	3801.1	3844.6	3844.6
32.5°	8695.3	7037.0	3857.0	3111.7	3111.7	3248.3	3409.8	3571.3	3714.1	3801.1	3819.7
35°	8850.6	6987.3	3670.7	2925.3	2931.6	3062.0	3229.7	3403.6	3583.7	3689.3	3739.0
37.5°	8931.3	6937.6	3540.2	2782.5	2757.7	2894.3	3006.1	3148.9	3341.5	3515.4	3558.9
40°	8949.9	6937.6	3527.8	2683.1	2577.5	2732.8	2782.5	2881.9	3055.8	3242.1	3310.4
42.5°	8825.7	6869.3	3589.9	2621.0	2391.2	2503.0	2558.9	2608.6	2720.4	2875.7	2931.6
45°	8676.7	6776.1	3645.8	2534.1	2161.4	2248.4	2335.3	2341.5	2391.2	2428.5	2465.7
47.5°	8552.4	6676.7	3546.4	2372.6	1925.4	1987.5	2080.7	2080.7	2055.8	1981.3	1956.4
50°	8651.8	6707.8	3378.7	2142.8	1708.0	1751.5	1850.9	1795.0	1739.1	1583.8	1565.2
52.5°	8738.8	6825.8	3180.0	1919.2	1521.7	1565.2	1664.5	1577.6	1465.8	1341.6	1322.9
55°	8595.9	6832.0	2813.6	1670.7	1391.2	1428.5	1521.7	1416.1	1310.5	1236.0	1223.6
57.5°	8167.4	6645.7	2428.5	1478.2	1279.5	1316.7	1403.7	1298.1	1198.7	1192.5	1223.6
60°	7223.3	5993.5	2074.5	1354.0	1173.9	1217.3	1304.3	1192.5	1062.1	1006.2	1024.8
62.5°	5453.2	4608.5	1776.3	1211.1	1074.5	1130.4	1192.5	1012.4	900.6	875.7	850.9
65°	*3987.4*	*3540.2*	*1596.2*	*1099.3*	*981.3*	*1049.6*	*1000.0*	*900.6*	*826.1*	*801.2*	*788.8*
67.5°	2577.5	2403.6	1372.6	993.7	894.4	950.3	882.0	832.3	751.5	739.1	757.7
70°	1577.6	1633.5	1149.0	875.7	807.4	795.0	807.4	757.7	670.8	689.4	714.3
72.5°	1118.0	1204.9	987.5	763.9	689.4	664.6	720.5	689.4	627.3	645.9	670.8
75°	801.2	894.4	813.6	627.3	583.8	571.4	670.8	689.4	645.9	658.4	677.0
77.5°	472.0	571.4	577.6	484.5	441.0	509.3	714.3	795.0	763.9	726.7	708.0
80°	304.3	341.6	409.9	310.5	310.5	441.0	782.6	968.9	832.3	739.1	726.7
82.5°	155.3	180.1	267.1	198.7	186.3	329.2	770.2	925.4	919.2	819.8	801.2
85°	43.5	55.9	124.2	87.0	74.5	173.9	577.6	695.6	621.1	453.4	459.6
87.5°	6.2	6.2	0.0	0.0	6.2	24.8	68.3	12.4	12.4	12.4	12.4
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

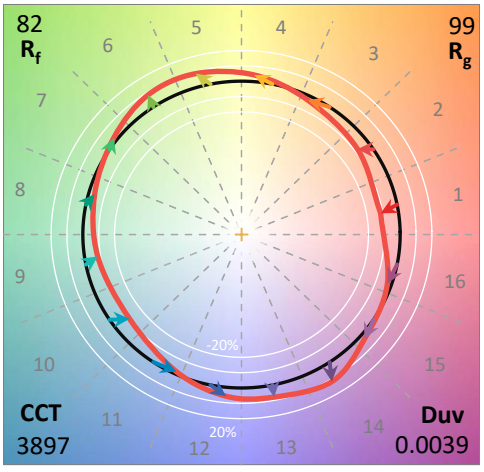
Test Information

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

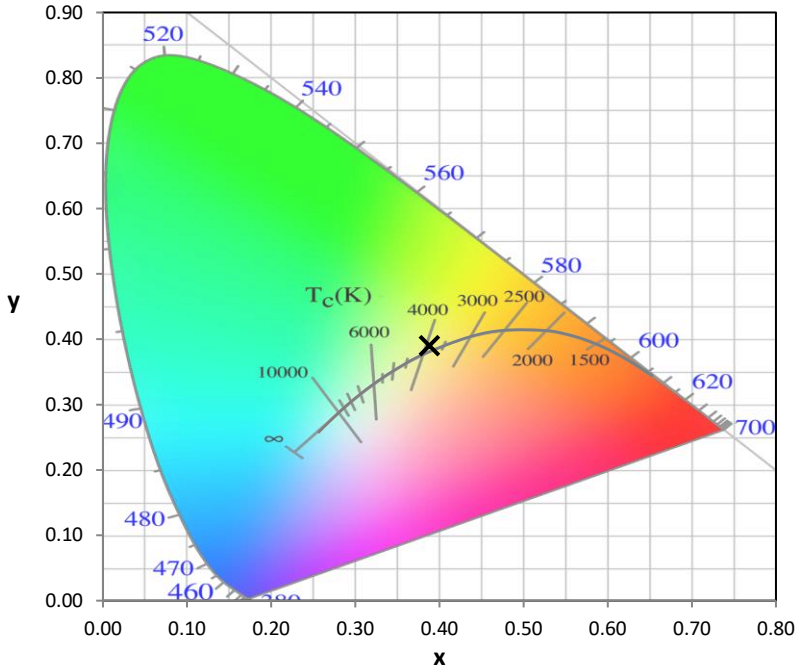
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

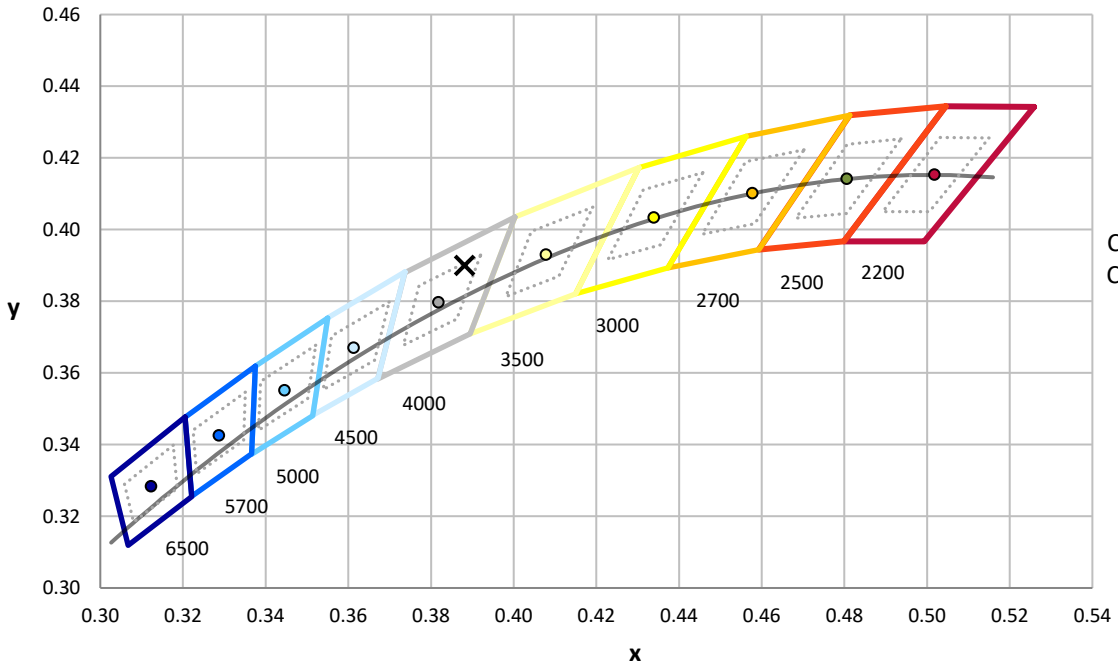
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

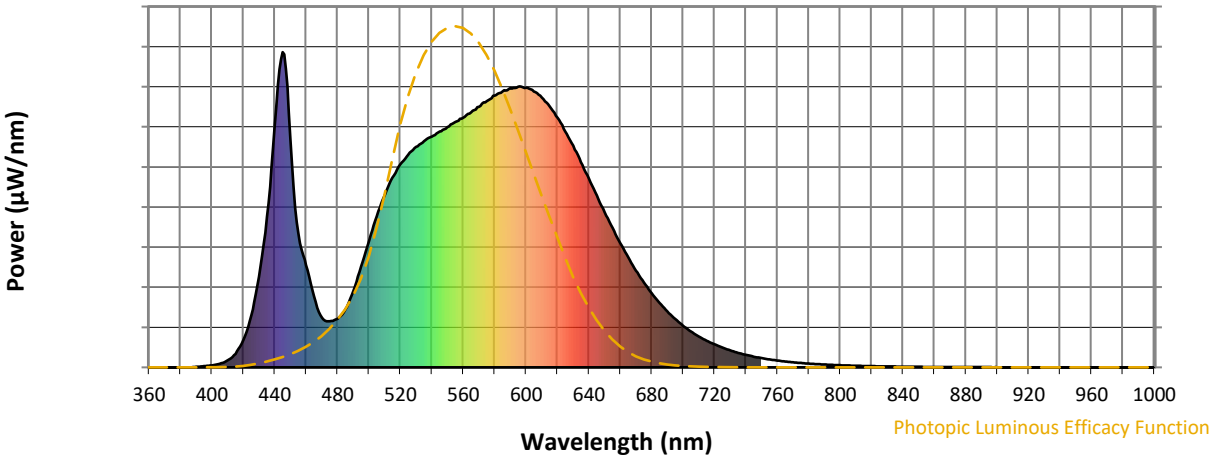


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

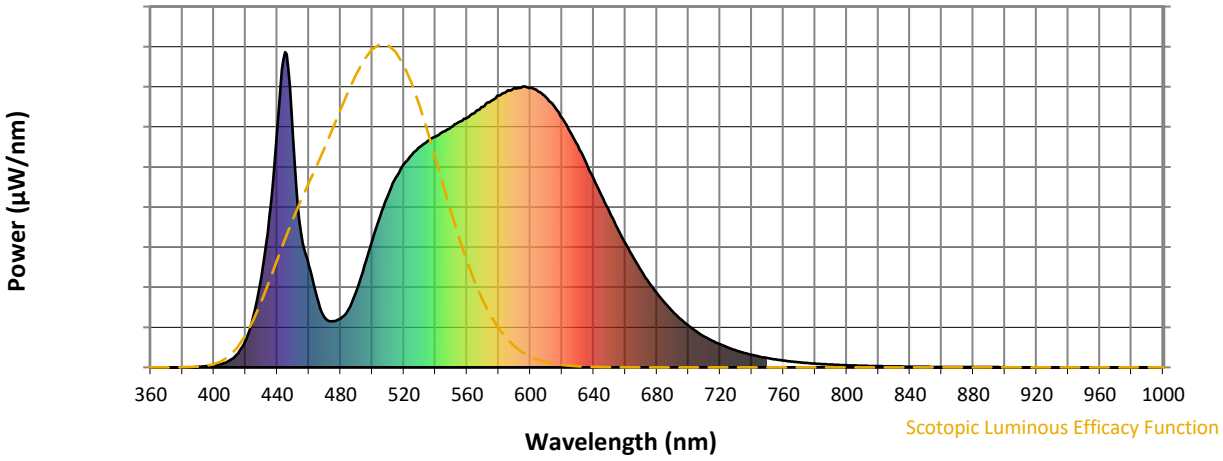


Photopic Lumens: NR

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

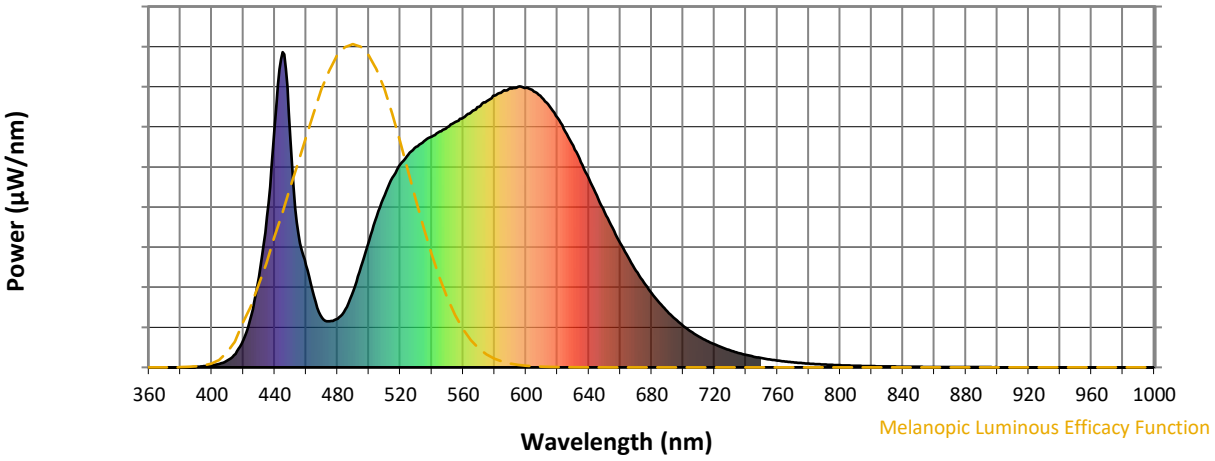


Scotopic Lumens: NR **S/P: 1.57**

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			

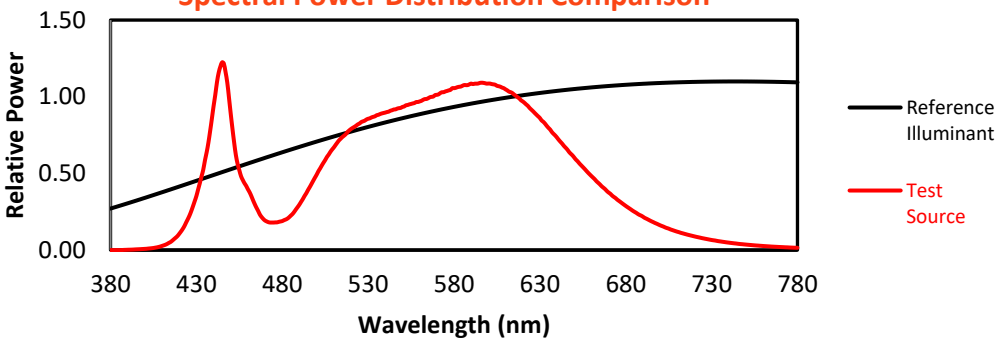
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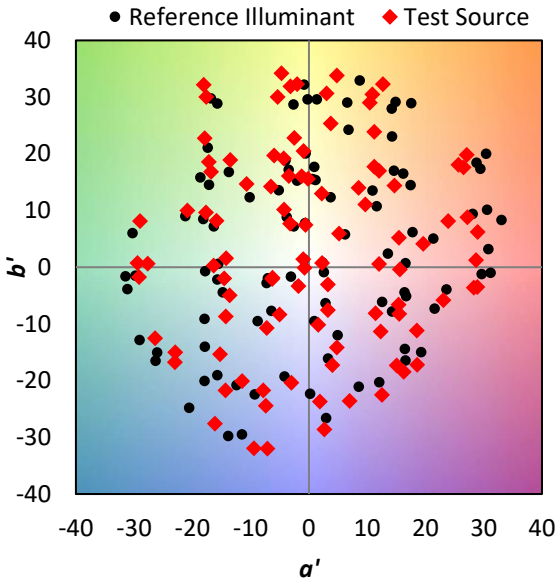
Summary

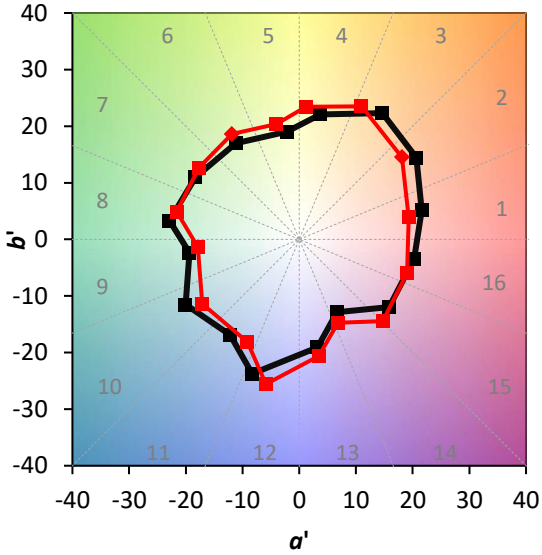
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

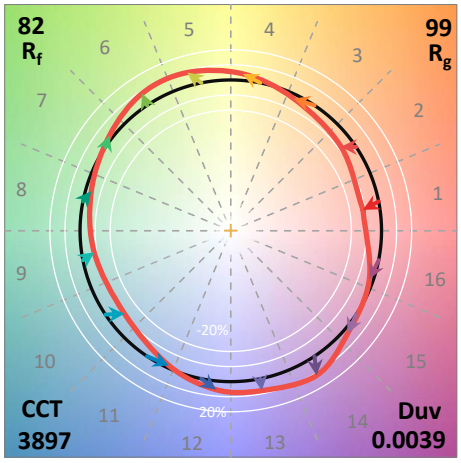
Spectral Power Distribution Comparison

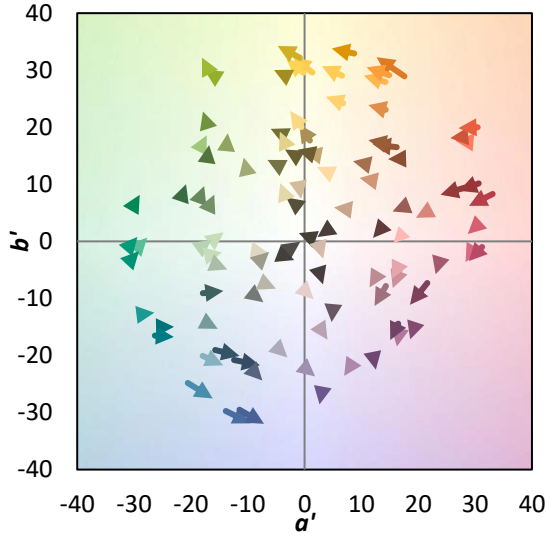


Color Vector Graphics







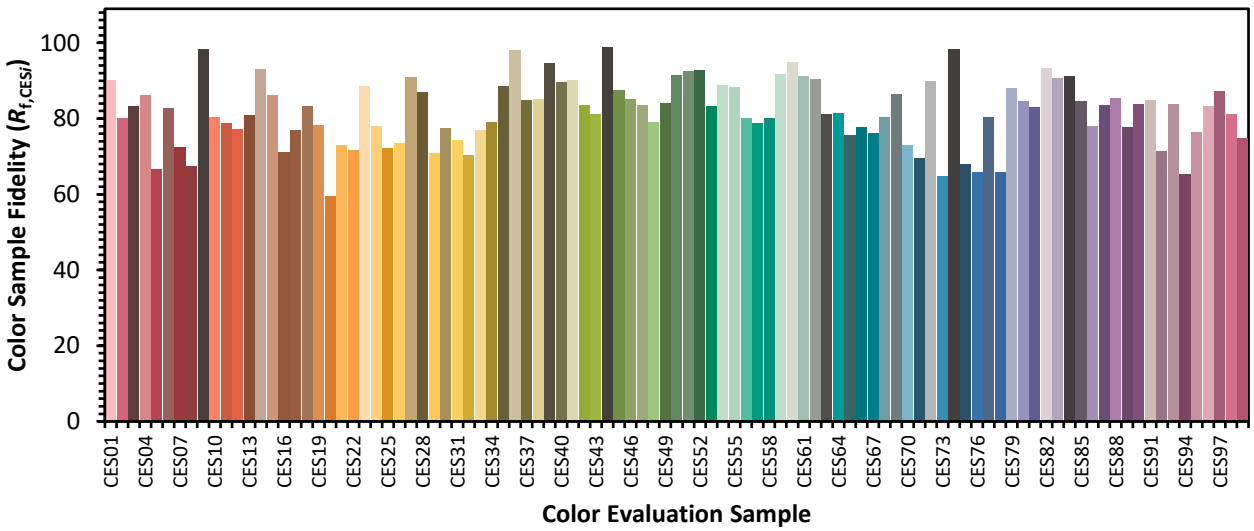


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Individual Sample Fidelity Index ($R_{f,i}$)

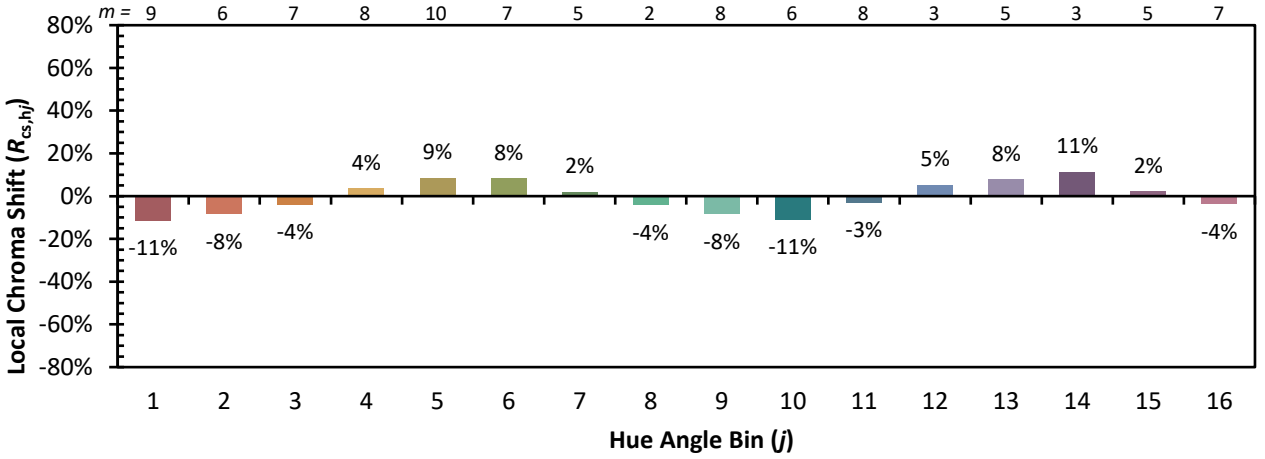
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

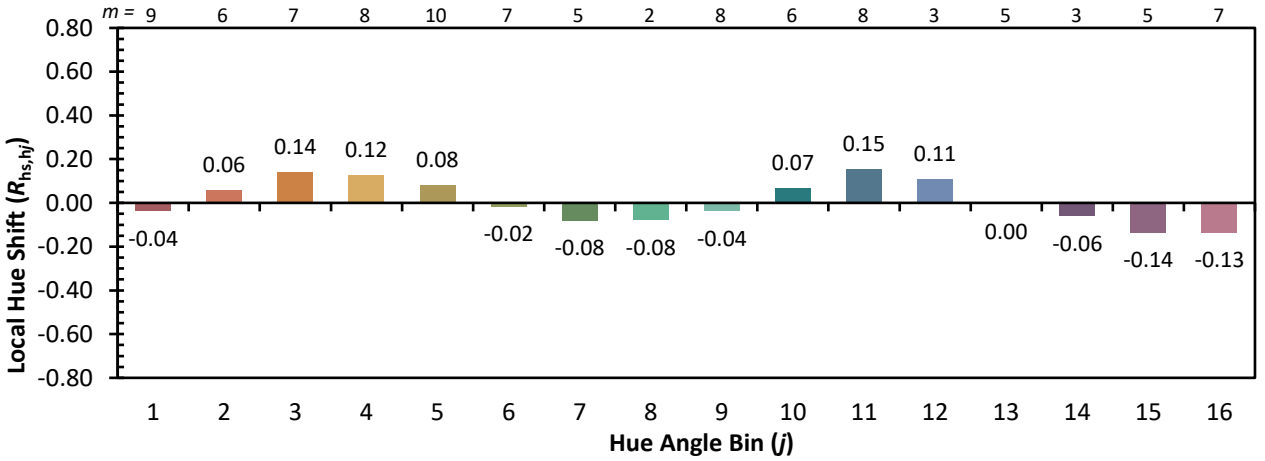


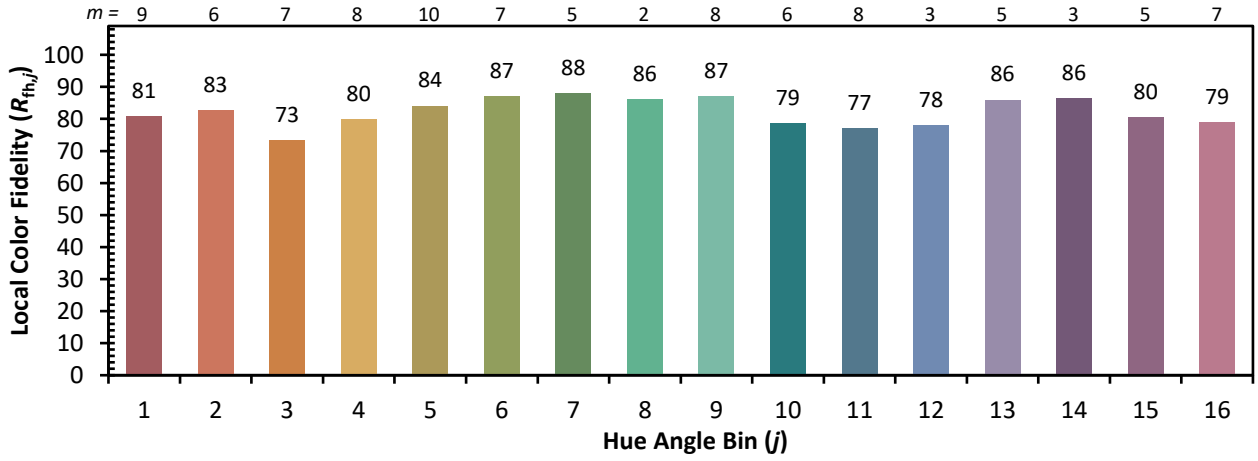
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Color Rendition by Hue-Angle Bin



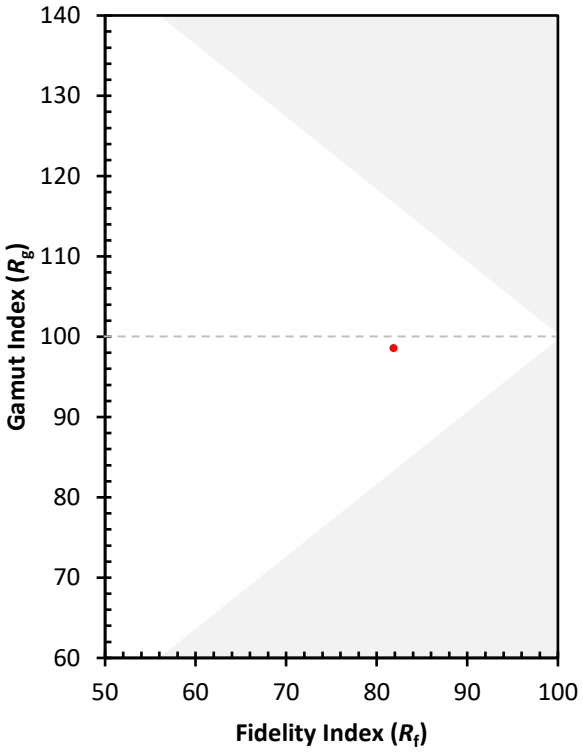


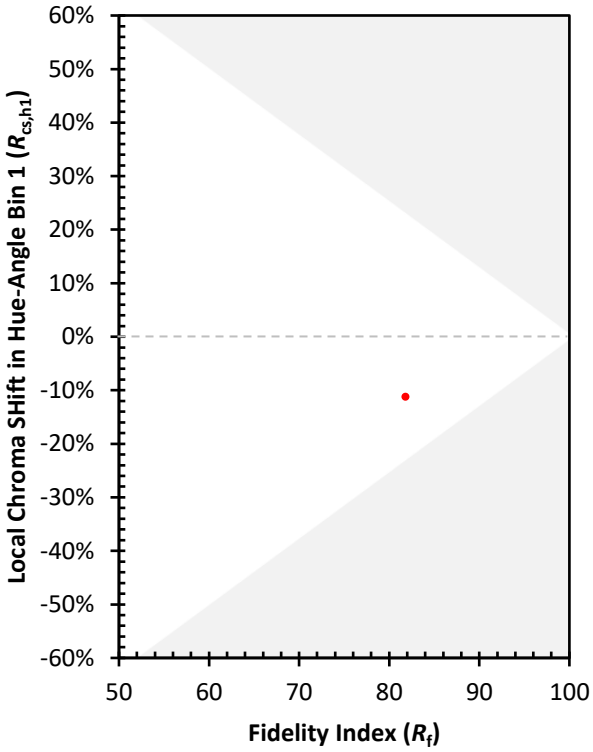


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Measure Comparisons





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