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: P1502723

Luminaire Tested: GSS-SB2C-840-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:	P1502723
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2C-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 102W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10652.5 lumens
Efficiency:	N/A
Efficacy:	104.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

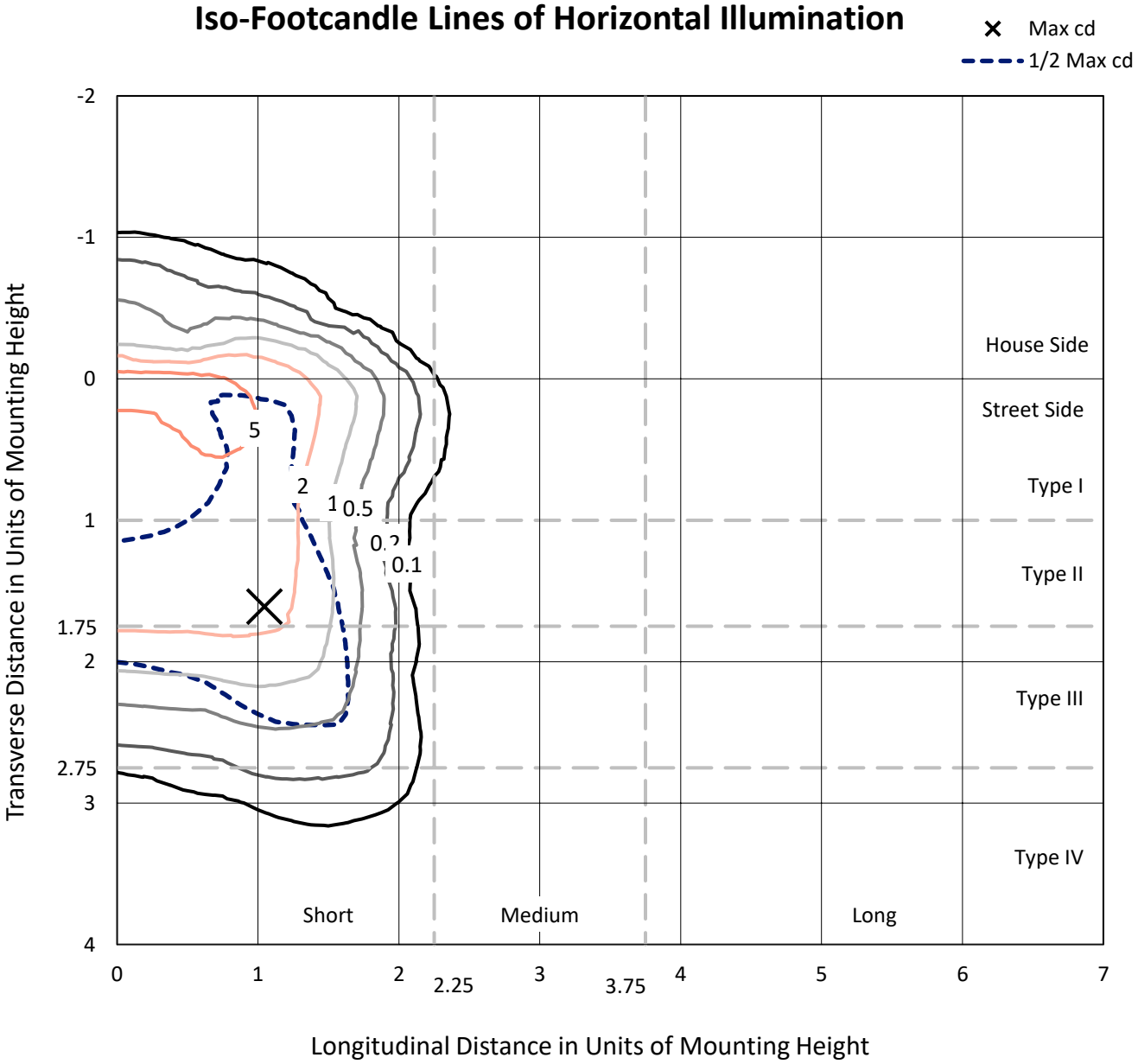
Input Watts (W):	102
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502723
CATALOG NUMBER: GSS-SB2C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



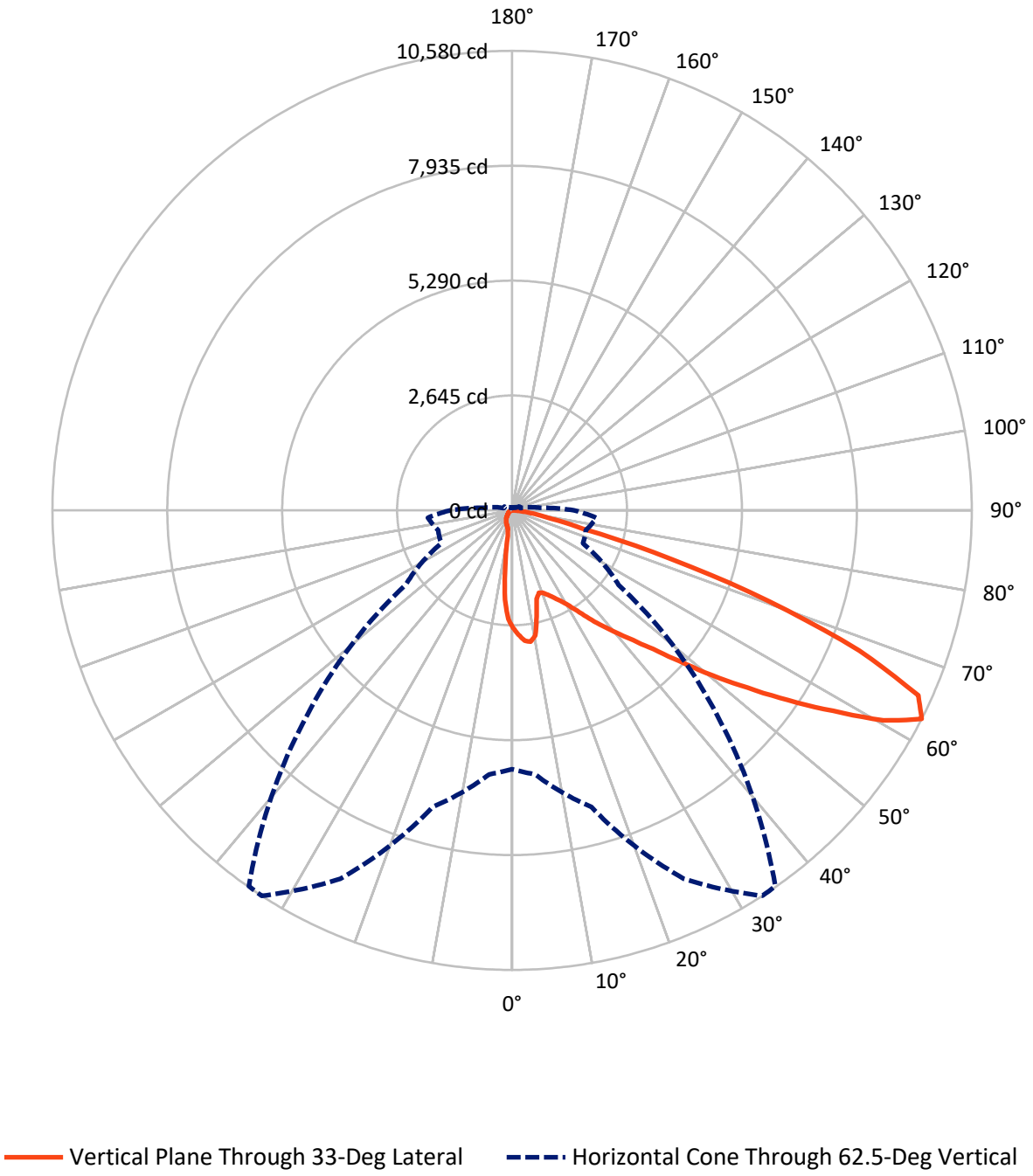
Based on 20 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502723
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Luminous Intensity Polar Plot



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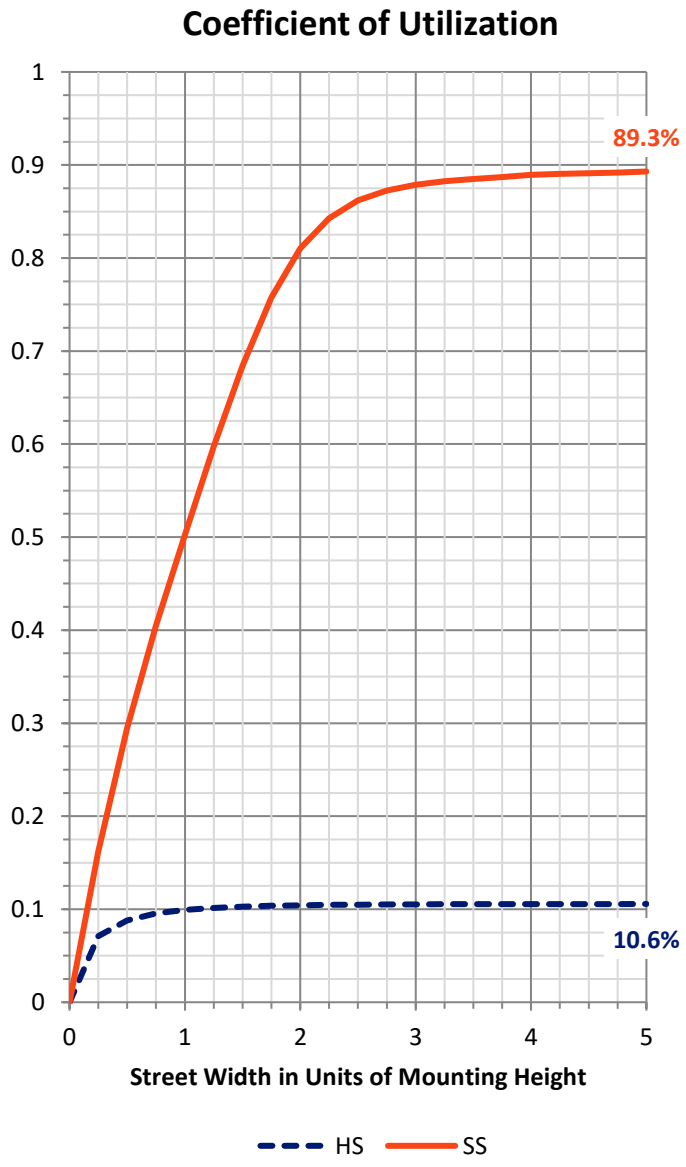
REPORT NUMBER: P1502723
CATALOG NUMBER: GSS-SB2C-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1133.5	0.0	1133.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	9519.0	0.0	9519.0
	% Fixture	89.4	0.0	89.4
Total	Lumens	10652.5	0.0	10652.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.1	2.2
10°-20°	513.4	4.8
20°-30°	827.4	7.8
30°-40°	1376.4	12.9
40°-50°	2175.5	20.4
50°-60°	2922.7	27.4
60°-70°	2145.6	20.1
70°-80°	424.6	4.0
80°-90°	36.9	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°	10652.5	100.0
0°-180°	10652.5	100.0



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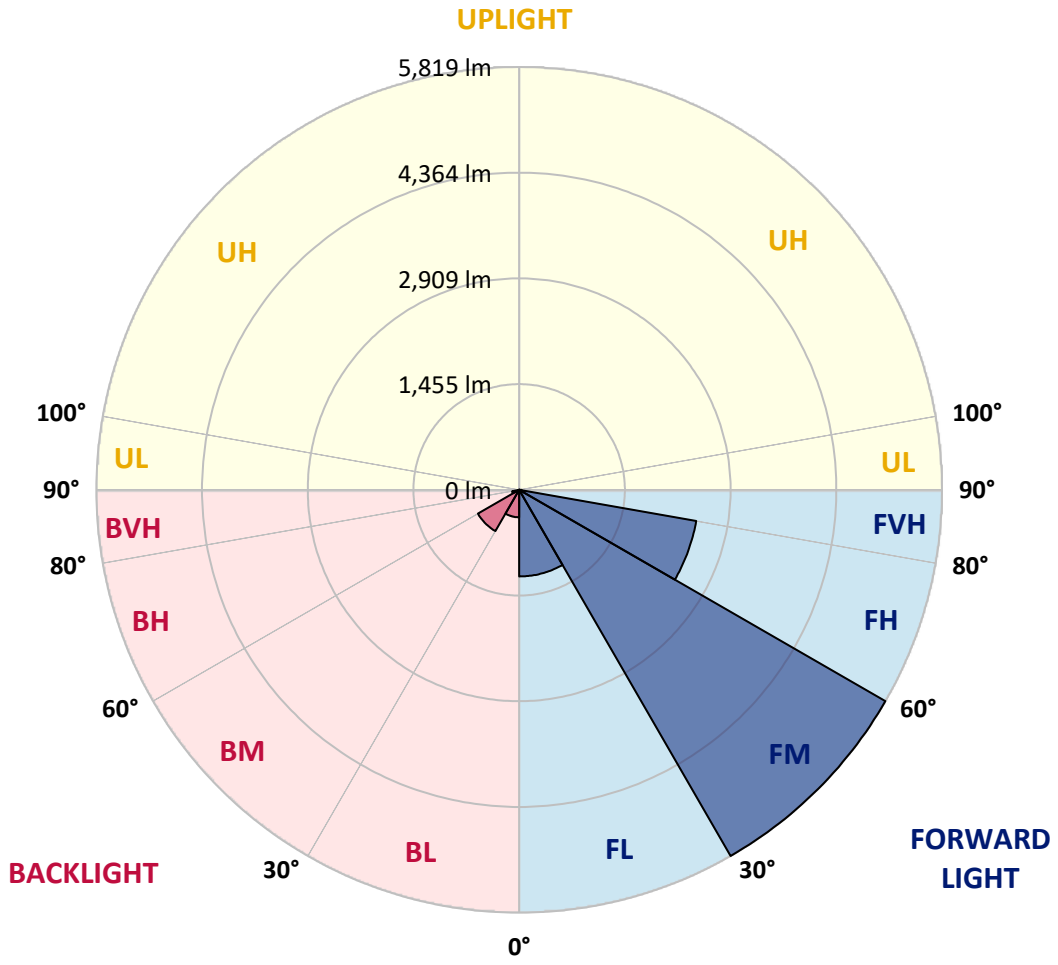
Scaled Data Report

REPORT NUMBER: P1502723
CATALOG NUMBER: GSS-SB2C-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1192.6	11.2			
FM	(30°-60°)	5818.9	54.6			
FH	(60°-80°)	2473.4	23.2			G2/5000
FVH	(80°-90°)	34.1	0.3			G1/100
BL	(0°-30°)	378.2	3.6	B1/500		
BM	(30°-60°)	655.7	6.2	B1/1000		
BH	(60°-80°)	96.8	0.9	B0/110		G0/110
BVH	(80°-90°)	2.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8
2.5°	2882.8	2894.8	2894.8	2870.8	2864.8	2852.8	2840.8	2837.8	2798.8	2768.8	2738.8
5°	3029.8	3026.8	3023.8	3011.8	3014.8	2999.8	2990.8	2975.8	2909.8	2864.8	2783.8
7.5°	2966.8	2993.8	3005.8	3038.8	3053.8	3050.8	3074.8	3080.8	3023.8	2960.8	2837.8
10°	2555.9	2540.9	2648.8	2789.8	2930.8	2963.8	3092.8	3161.8	3140.8	3083.8	2924.8
12.5°	2024.9	2039.9	2114.9	2279.9	2510.9	2582.9	2954.8	3227.8	3287.8	3251.8	3044.8
15°	1853.9	1853.9	1892.9	1970.9	2108.9	2177.9	2636.9	3218.8	3443.8	3446.8	3194.8
17.5°	1817.9	1823.9	1856.9	1907.9	1997.9	2027.9	2348.9	3086.8	3596.8	3650.8	3362.8
20°	1823.9	1832.9	1868.9	1940.9	2027.9	2063.9	2273.9	2918.8	3725.8	3872.8	3539.8
22.5°	1844.9	1841.9	1904.9	2000.9	2111.9	2144.9	2336.9	2849.8	3833.8	4127.8	3746.8
25°	1868.9	1871.9	1952.9	2087.9	2222.9	2261.9	2477.9	2912.8	3911.8	4400.7	3956.8
27.5°	1940.9	1949.9	2048.9	2195.9	2354.9	2405.9	2660.8	3077.8	4046.8	4664.7	4184.8
30°	2051.9	2060.9	2174.9	2351.9	2522.9	2600.9	2888.8	3284.8	4247.8	4970.7	4418.7
32.5°	2180.9	2192.9	2339.9	2543.9	2750.8	2825.8	3149.8	3599.8	4514.7	5282.7	4661.7
35°	2342.9	2375.9	2534.9	2777.8	3056.8	3128.8	3470.8	3956.8	4862.7	5561.7	4868.7
37.5°	2564.9	2591.9	2786.8	3089.8	3371.8	3467.8	3830.8	4331.8	5177.7	5810.7	5036.7
40°	2834.8	2858.8	3077.8	3407.8	3701.8	3782.8	4208.8	4709.7	5516.7	5948.7	5072.7
42.5°	3284.8	3350.8	3488.8	3767.8	4082.8	4184.8	4628.7	5075.7	5762.7	5975.7	5015.7
45°	4070.8	4091.8	4121.8	4253.8	4556.7	4646.7	5072.7	5393.7	5909.7	5981.7	4964.7
47.5°	4823.7	4895.7	4937.7	4997.7	5180.7	5213.7	5537.7	5678.7	6026.7	5960.7	4964.7
50°	5576.7	5630.7	5702.7	5774.7	5969.7	5981.7	6029.7	5870.7	6032.7	5789.7	4934.7
52.5°	6260.6	6278.6	6401.6	6539.6	6782.6	6848.6	6485.6	6011.7	5669.7	5249.7	4793.7
55°	6872.6	6896.6	7082.6	7364.6	7712.6	7799.6	7043.6	5738.7	4892.7	4550.7	4466.7
57.5°	7268.6	7325.6	7697.6	8318.5	8711.5	8672.5	7475.6	5099.7	3929.8	3722.8	3887.8
60°	7070.6	7148.6	7931.5	9119.5	9818.4	9704.4	7355.6	4196.8	2903.8	2753.8	3077.8
62.5°	5957.7	6101.7	7070.6	9356.5	10580.4	10562.4	6677.6	2993.8	1799.9	1760.9	1943.9
65°	4142.8	4391.8	5540.7	8564.5	10274.4	10301.4	5621.7	1742.9	834.0	1034.9	1136.9
67.5°	2441.9	2618.9	3569.8	6992.6	8621.5	8372.5	3821.8	807.0	417.0	630.0	603.0
70°	1073.9	1193.9	2045.9	4844.7	6281.6	5879.7	1865.9	393.0	318.0	381.0	333.0
72.5°	591.0	645.0	1076.9	2558.9	3821.8	3632.8	630.0	261.0	273.0	285.0	240.0
75°	330.0	354.0	567.0	1478.9	1679.9	1562.9	306.0	171.0	231.0	231.0	177.0
77.5°	192.0	213.0	354.0	920.9	920.9	744.0	186.0	108.0	174.0	156.0	96.0
80°	90.0	102.0	195.0	510.0	582.0	480.0	105.0	75.0	114.0	99.0	63.0
82.5°	27.0	33.0	96.0	198.0	330.0	282.0	54.0	48.0	84.0	63.0	36.0
85°	18.0	21.0	48.0	81.0	162.0	141.0	18.0	15.0	36.0	30.0	15.0
87.5°	3.0	3.0	6.0	6.0	6.0	6.0	3.0	3.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P1502723
CATALOG NUMBER: GSS-SB2C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8	2705.8
2.5°	2720.8	2699.8	2651.8	2606.9	2582.9	2528.9	2507.9	2483.9	2471.9	2468.9	2450.9
5°	2732.8	2693.8	2573.9	2453.9	2327.9	2207.9	2084.9	1976.9	1889.9	1892.9	1895.9
7.5°	2768.8	2690.8	2480.9	2240.9	1970.9	1658.9	1325.9	1076.9	917.9	884.9	855.0
10°	2816.8	2702.8	2366.9	1922.9	1391.9	876.0	618.0	528.0	489.0	480.0	483.0
12.5°	2906.8	2732.8	2222.9	1484.9	771.0	504.0	447.0	432.0	426.0	426.0	426.0
15°	3017.8	2774.8	1997.9	971.9	504.0	420.0	408.0	405.0	399.0	399.0	402.0
17.5°	3110.8	2774.8	1700.9	633.0	414.0	390.0	381.0	378.0	378.0	381.0	378.0
20°	3212.8	2753.8	1367.9	477.0	384.0	363.0	357.0	357.0	357.0	360.0	360.0
22.5°	3317.8	2717.8	1058.9	408.0	357.0	339.0	336.0	339.0	342.0	345.0	345.0
25°	3434.8	2672.8	837.0	378.0	333.0	318.0	318.0	318.0	321.0	327.0	330.0
27.5°	3563.8	2633.9	717.0	360.0	312.0	297.0	297.0	300.0	306.0	309.0	312.0
30°	3683.8	2633.9	678.0	369.0	303.0	285.0	279.0	282.0	288.0	294.0	294.0
32.5°	3833.8	2663.8	699.0	408.0	300.0	267.0	261.0	261.0	267.0	270.0	270.0
35°	3959.8	2720.8	771.0	462.0	312.0	252.0	240.0	237.0	243.0	240.0	243.0
37.5°	4061.8	2798.8	902.9	534.0	336.0	234.0	219.0	210.0	210.0	210.0	210.0
40°	4091.8	2876.8	1070.9	582.0	333.0	213.0	192.0	183.0	180.0	177.0	177.0
42.5°	4049.8	2912.8	1205.9	579.0	297.0	198.0	171.0	159.0	150.0	147.0	147.0
45°	4016.8	2930.8	1253.9	504.0	270.0	180.0	153.0	138.0	129.0	126.0	123.0
47.5°	4019.8	2948.8	1181.9	411.0	246.0	165.0	138.0	123.0	114.0	111.0	108.0
50°	4031.8	2918.8	1001.9	342.0	225.0	150.0	123.0	111.0	102.0	99.0	96.0
52.5°	3905.8	2759.8	705.0	300.0	207.0	141.0	111.0	102.0	93.0	90.0	90.0
55°	3575.8	2378.9	477.0	267.0	192.0	129.0	102.0	96.0	87.0	81.0	81.0
57.5°	3047.8	1793.9	330.0	243.0	168.0	117.0	96.0	87.0	78.0	72.0	72.0
60°	2330.9	1169.9	240.0	222.0	138.0	108.0	90.0	84.0	72.0	66.0	63.0
62.5°	*1418.9*	*657.0*	*195.0*	*195.0*	*117.0*	*102.0*	*81.0*	*75.0*	*63.0*	*54.0*	*51.0*
65°	822.0	387.0	159.0	165.0	102.0	93.0	72.0	63.0	51.0	42.0	39.0
67.5°	396.0	225.0	126.0	117.0	90.0	78.0	63.0	54.0	45.0	36.0	33.0
70°	243.0	174.0	96.0	84.0	72.0	60.0	51.0	48.0	39.0	30.0	30.0
72.5°	198.0	141.0	75.0	60.0	54.0	42.0	42.0	39.0	30.0	24.0	21.0
75°	156.0	105.0	57.0	42.0	33.0	33.0	30.0	27.0	24.0	18.0	18.0
77.5°	84.0	72.0	42.0	24.0	18.0	21.0	21.0	18.0	15.0	12.0	12.0
80°	54.0	42.0	24.0	12.0	12.0	12.0	12.0	9.0	9.0	6.0	6.0
82.5°	27.0	21.0	12.0	3.0	6.0	6.0	6.0	6.0	6.0	3.0	3.0
85°	6.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

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

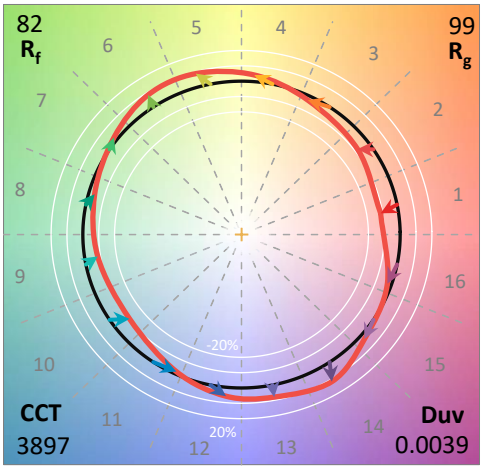
Test Information

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

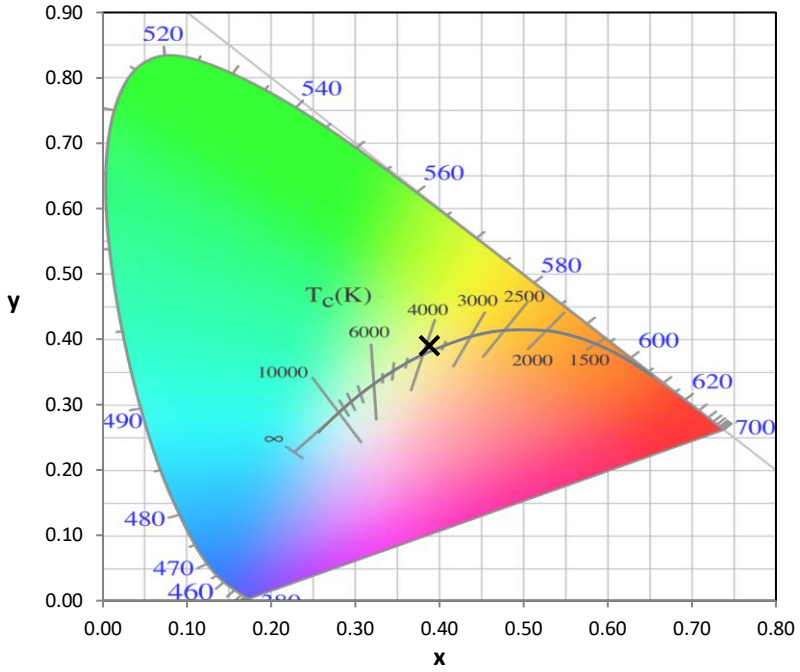
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

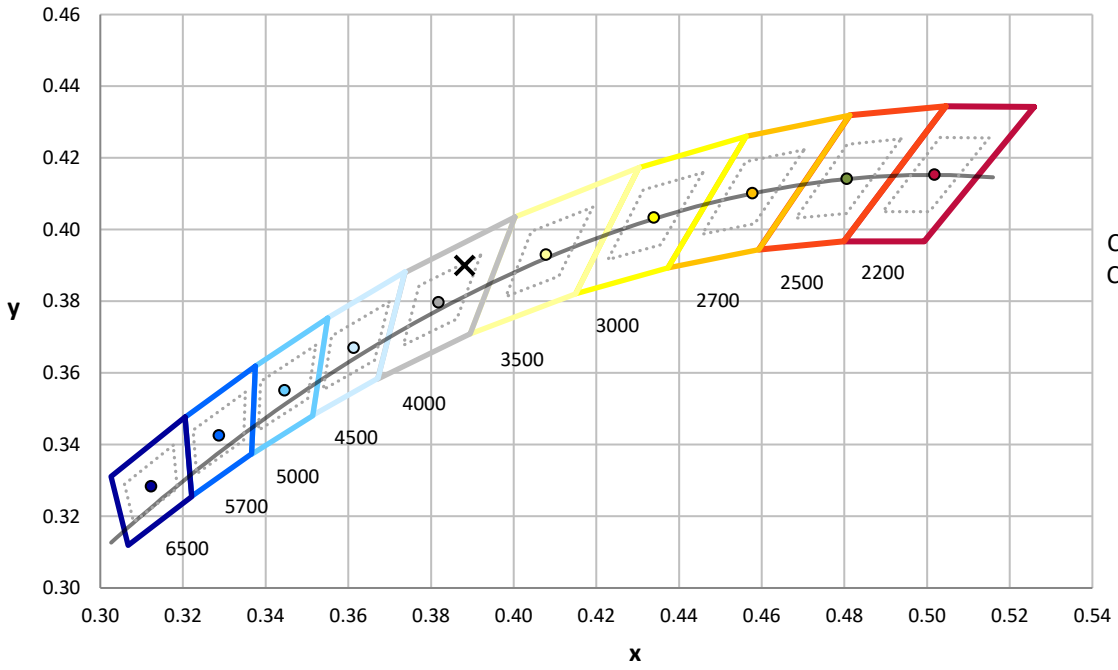
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

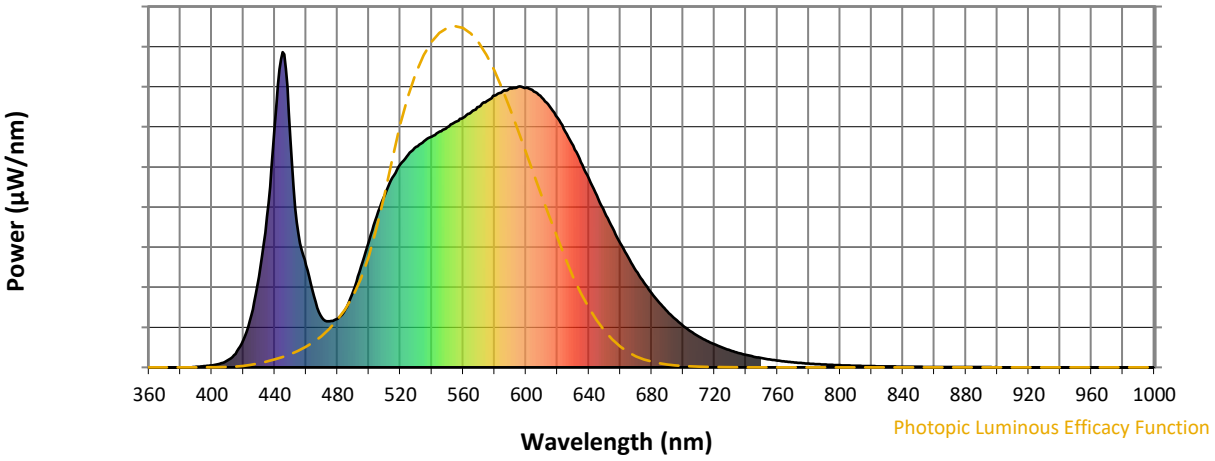


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

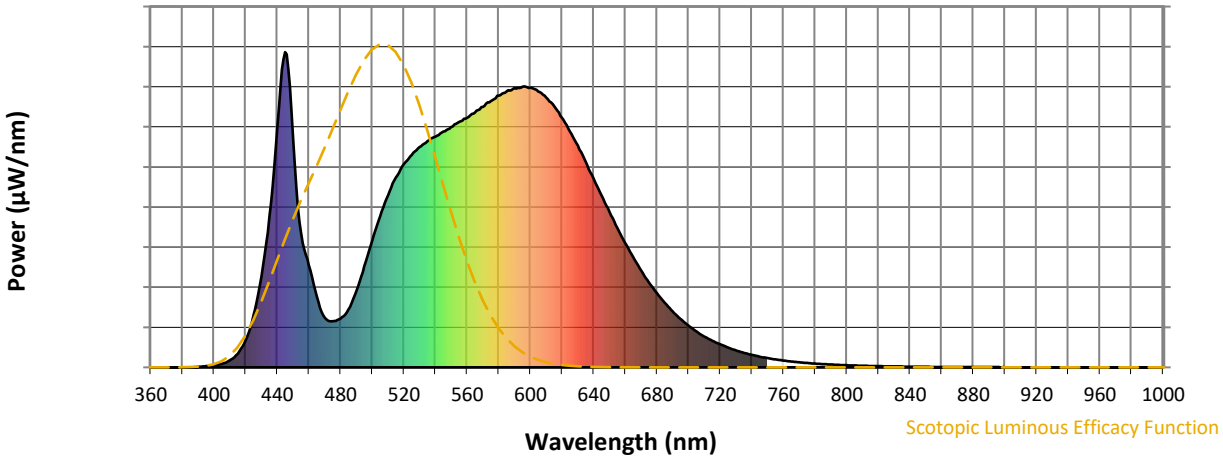


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

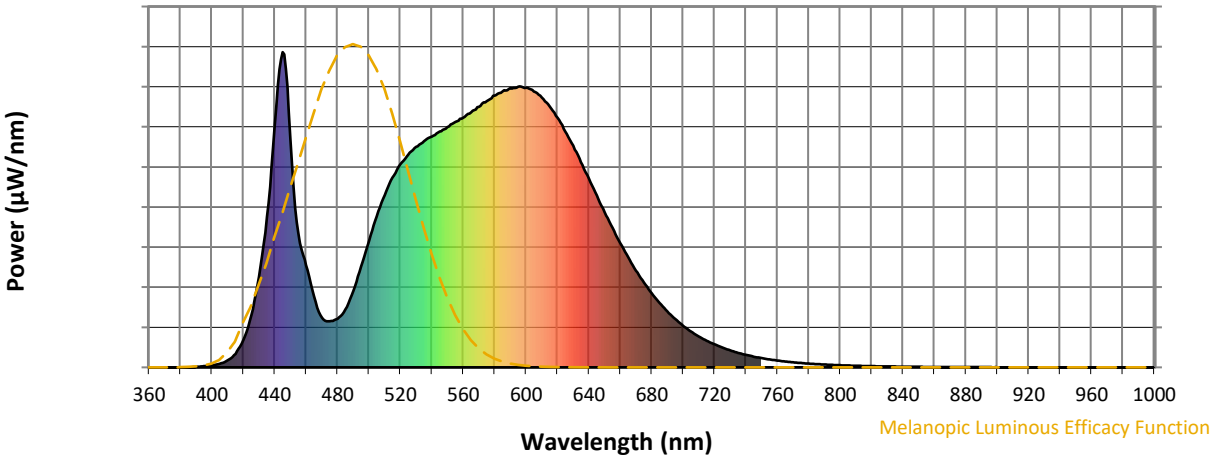


Scotopic Lumens: NR **S/P: 1.57**

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			

REPORT NUMBER: SP1-2407-184-11

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			

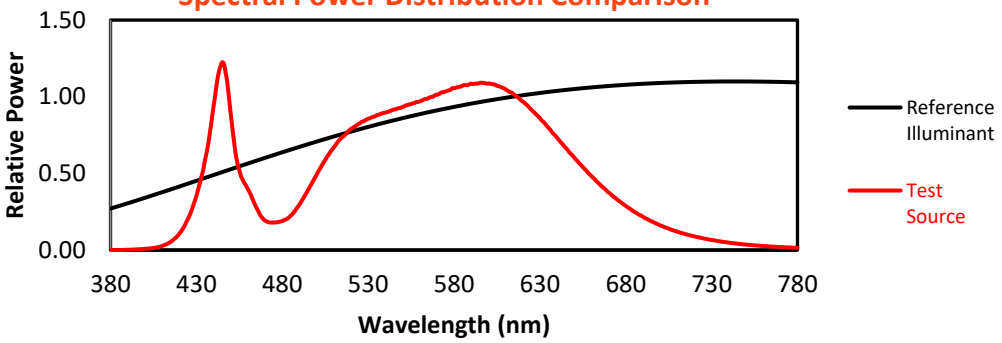
REPORT NUMBER: SP1-2407-184-11

TM-30-18

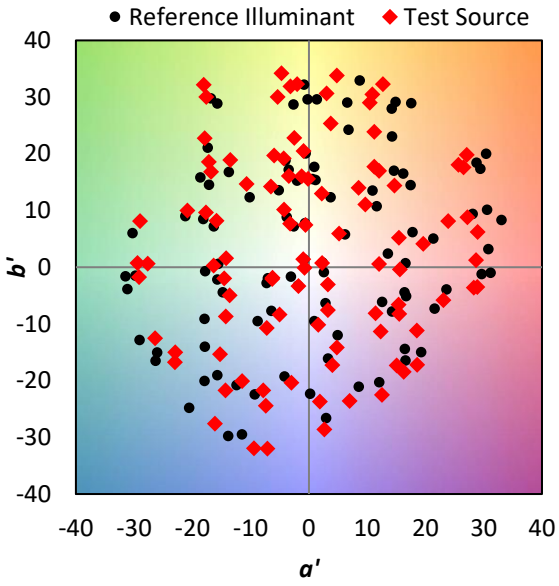
Summary

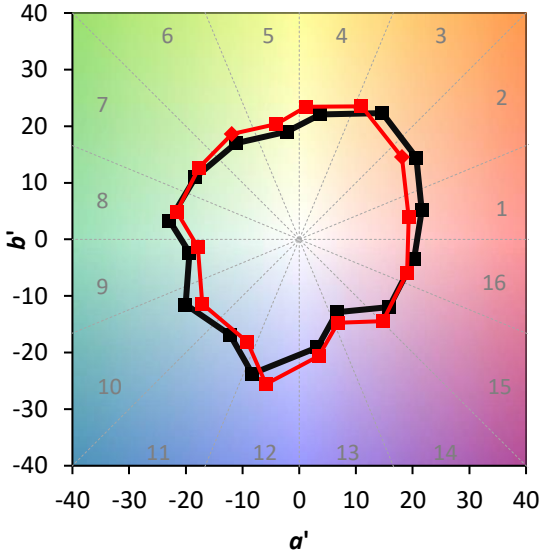
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

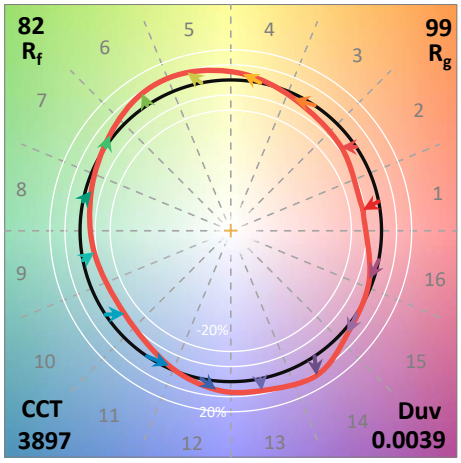
Spectral Power Distribution Comparison

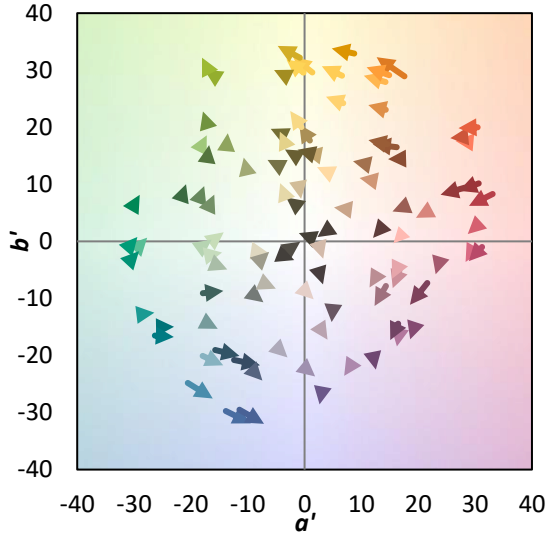


Color Vector Graphics







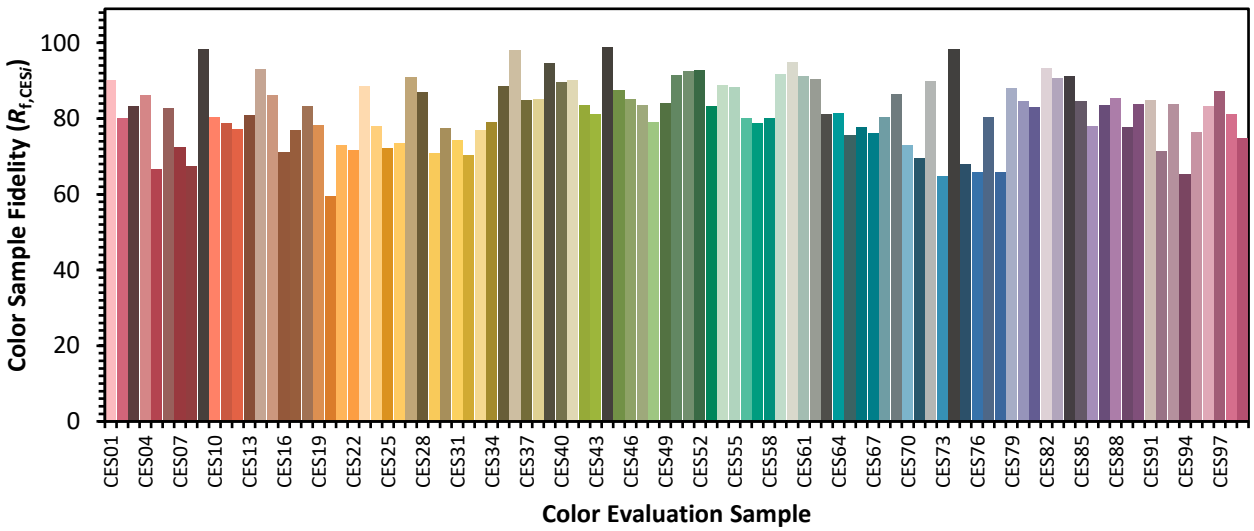


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

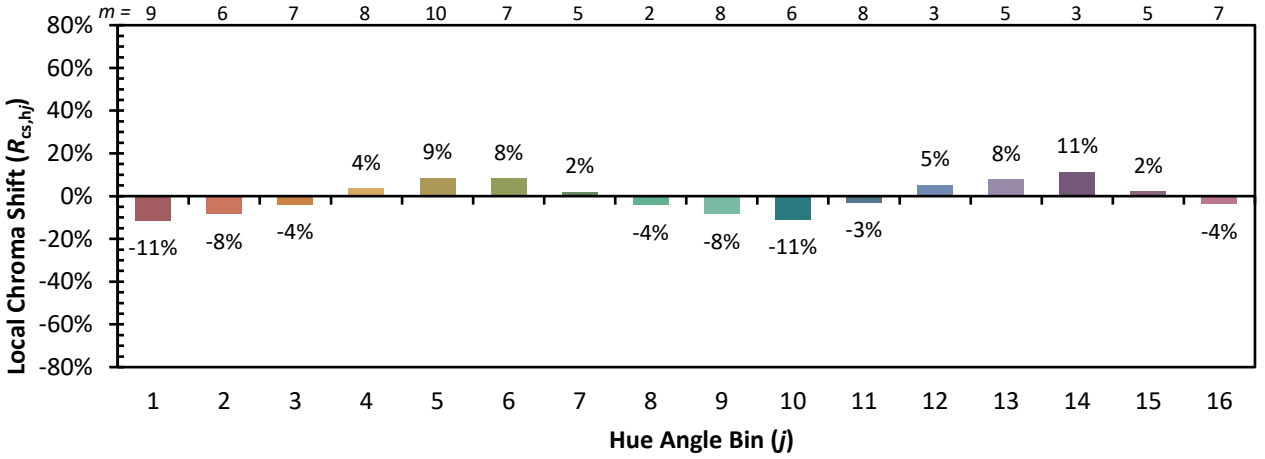
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CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57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

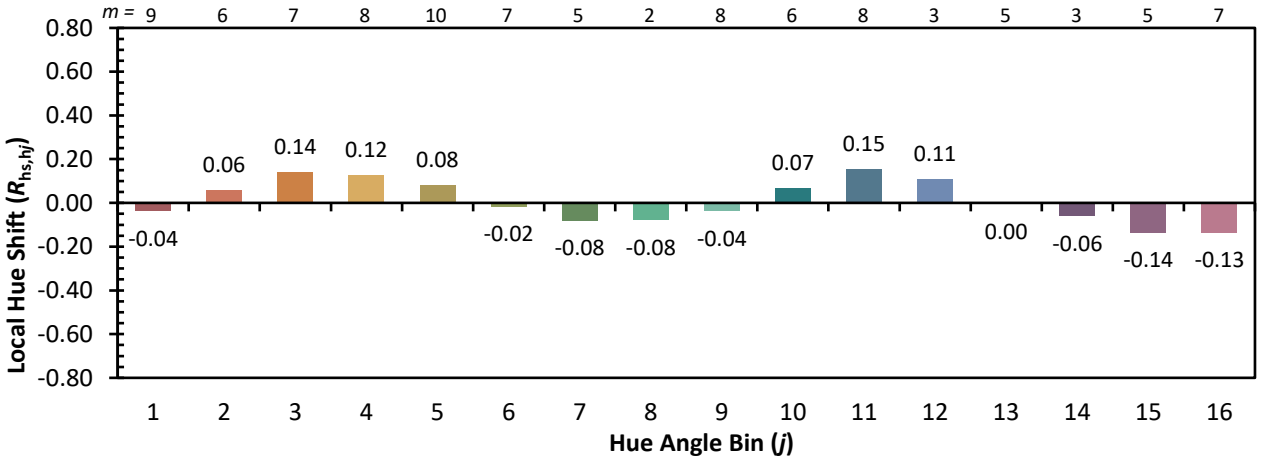


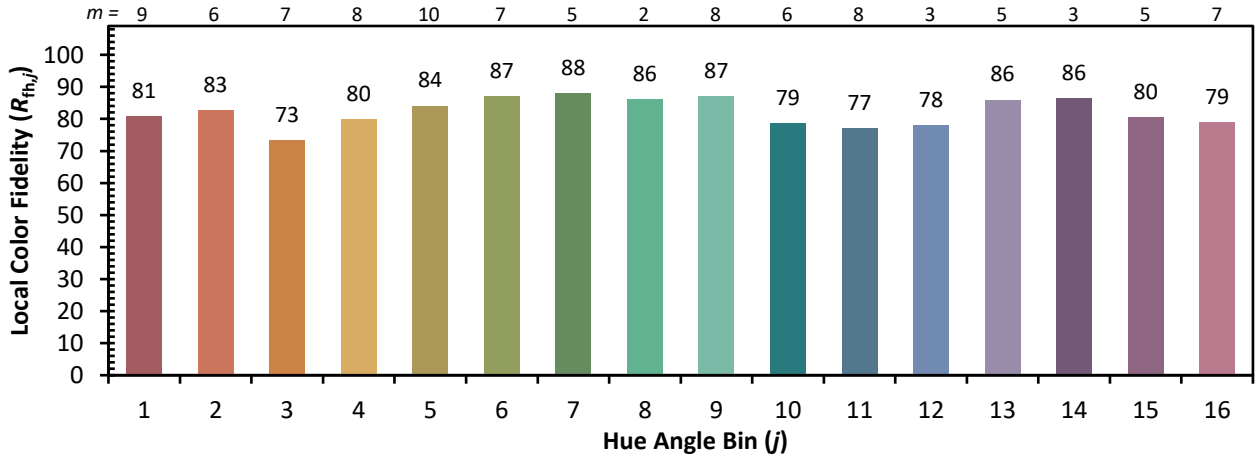
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



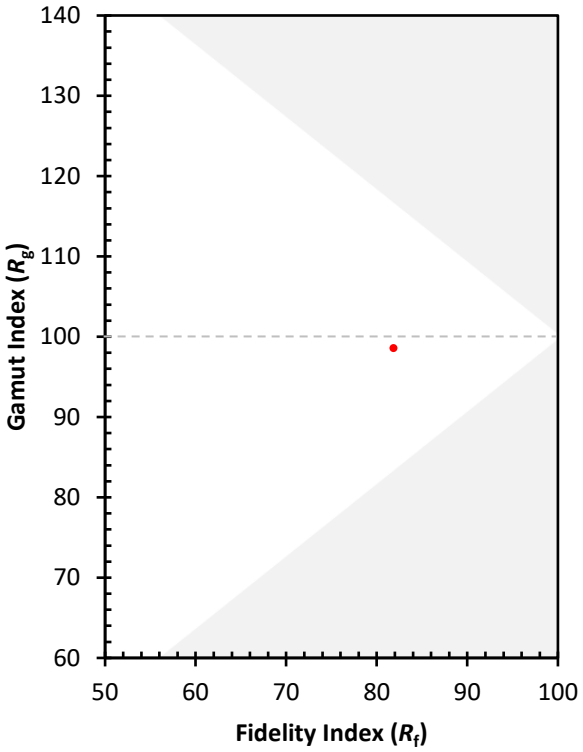


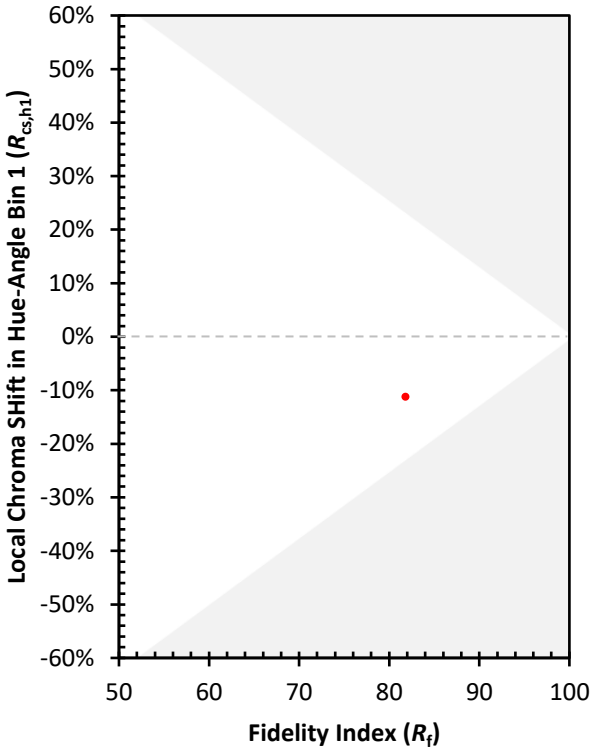


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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