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: STREETWORKS

Report Number: P1456147

Luminaire Tested: GLAN-SB9A-840-U-T2LG

Issue Date: 05/20/2026

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:	P1456147
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(234) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37803.7 lumens
Efficiency:	N/A
Efficacy:	148.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	255.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1456147
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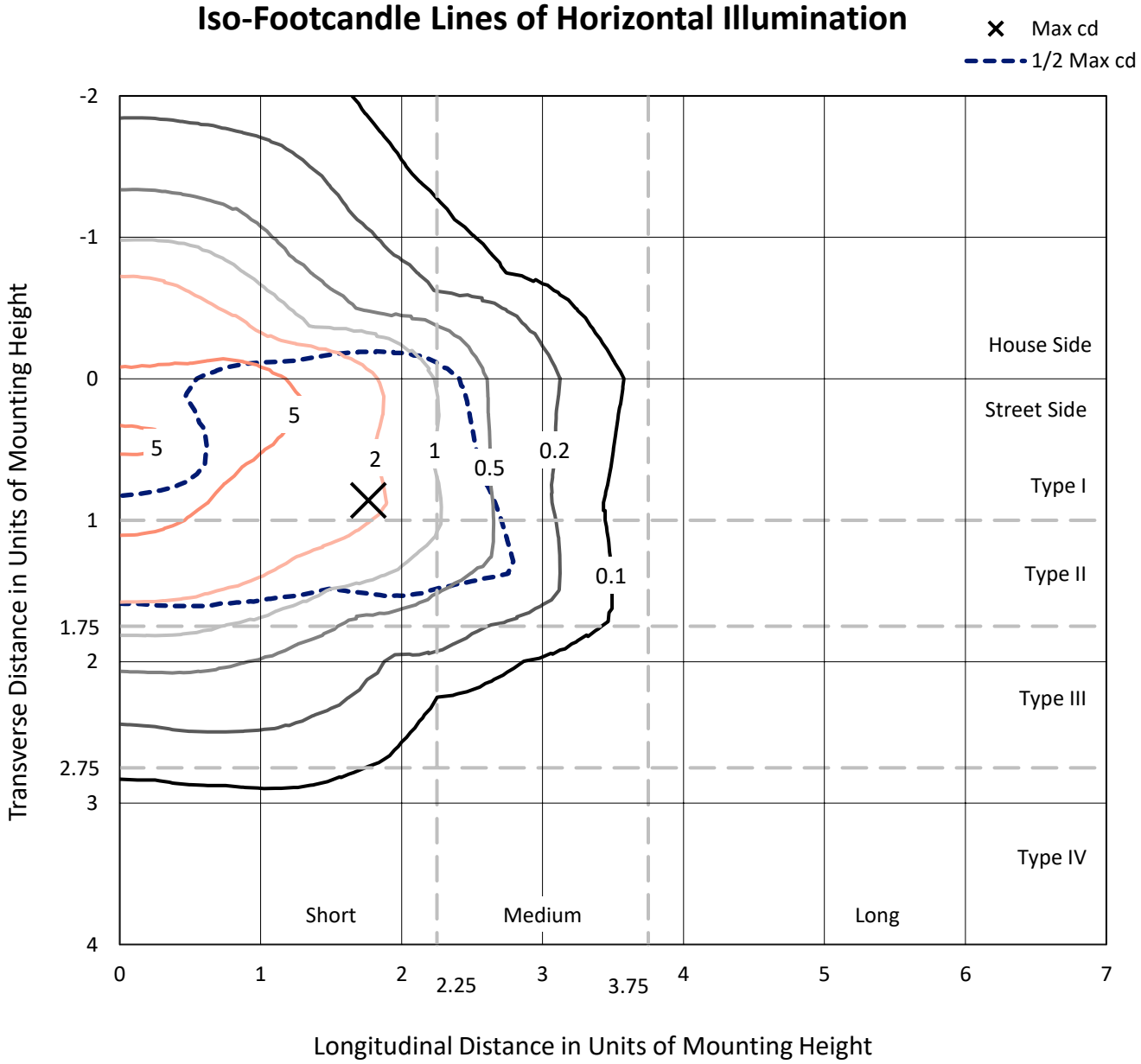
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.9 fc
Type II - Short - N/A

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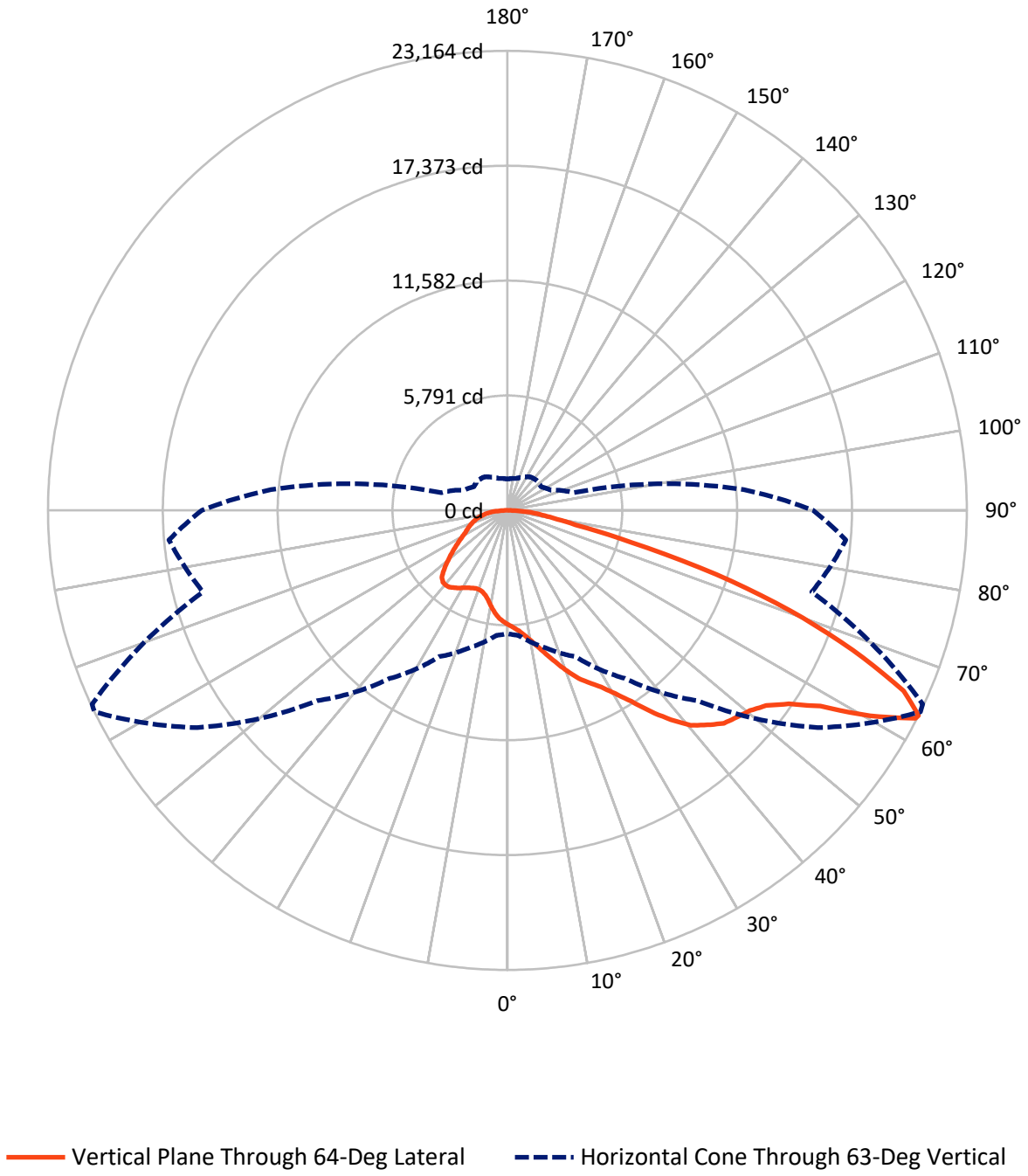
Luminous Intensity Polar Plot



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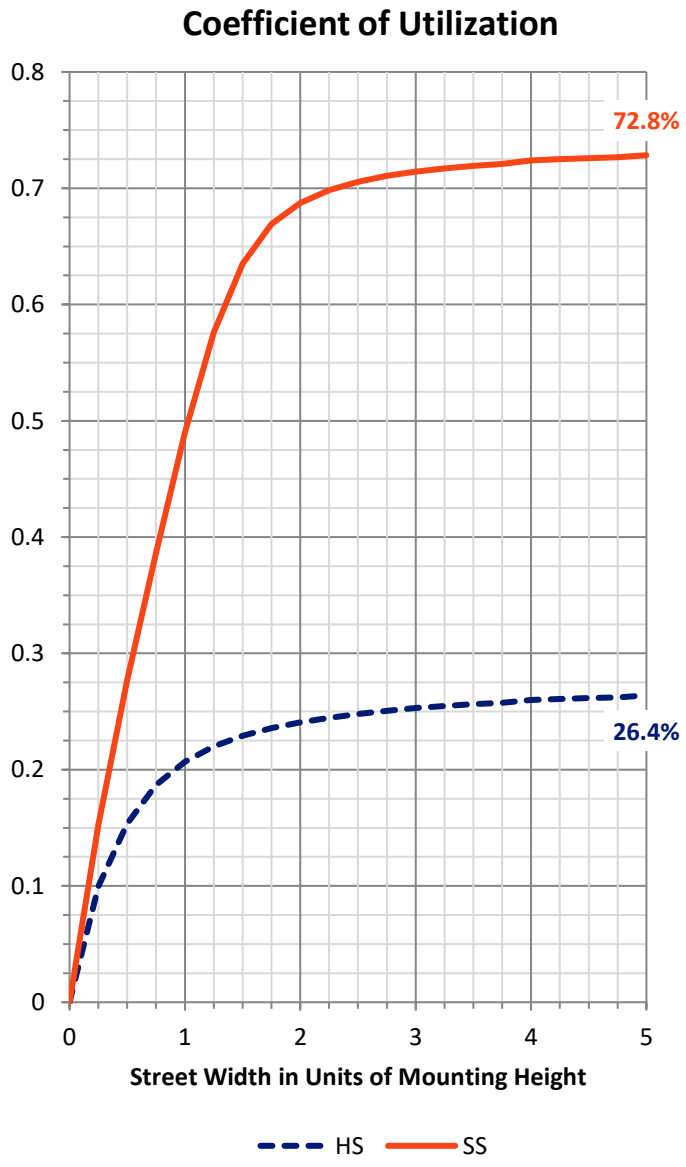
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10156.8	0.0	10156.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	27646.9	0.0	27646.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	37803.7	0.0	37803.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	528.6	1.4
10°-20°	1627.3	4.3
20°-30°	2975.7	7.9
30°-40°	5118.7	13.5
40°-50°	7548.6	20.0
50°-60°	9047.5	23.9
60°-70°	7261.5	19.2
70°-80°	2917.9	7.7
80°-90°	778.0	2.1
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°	37803.7	100.0
0°-180°	37803.7	100.0



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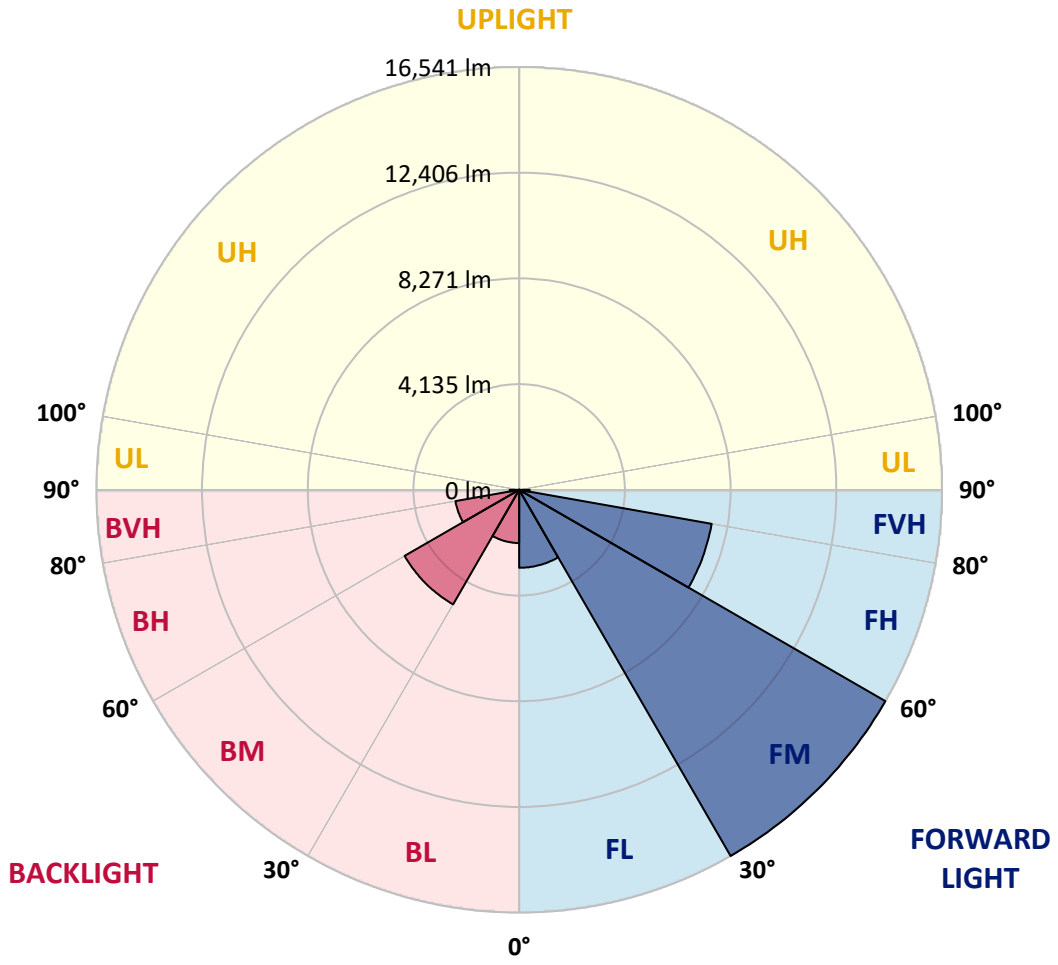
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3050.0	8.1			
FM	(30°-60°)	16541.1	43.8			
FH	(60°-80°)	7647.0	20.2			G4/12000
FVH	(80°-90°)	408.8	1.1			G3/500
BL	(0°-30°)	2081.5	5.5	B3/2500		
BM	(30°-60°)	5173.7	13.7	B4/8500		
BH	(60°-80°)	2532.4	6.7	B4/5000		G4/5000
BVH	(80°-90°)	369.3	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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REPORT NUMBER: P1456147
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	*5757.1*	5757.1	5757.1	5757.1
2.5°	5994.8	6003.3	5977.9	5969.4	5986.3	5952.4	5943.9	*5909.9*	5892.9	5859.0	5816.5
5°	6164.7	6173.2	6156.2	6156.2	6173.2	6147.7	6139.2	*6105.2*	6088.2	6054.3	5969.4
7.5°	6156.2	6164.7	6181.6	6249.6	6334.5	6368.5	6393.9	*6368.5*	6360.0	6309.0	6224.1
10°	6020.3	6028.8	6071.3	6173.2	6385.4	6538.3	6699.6	*6699.6*	6716.6	6674.1	6521.3
12.5°	5833.5	5842.0	5943.9	6105.2	6385.4	6648.7	6979.8	*7115.7*	7107.2	7081.7	6903.4
15°	5383.5	5383.5	5536.3	5842.0	6292.0	6725.1	7217.6	*7582.7*	7591.2	7616.7	7404.4
17.5°	5001.4	5009.9	5137.2	5408.9	5994.8	6682.6	7472.3	*8100.7*	8126.1	8270.5	7964.8
20°	5035.3	5035.3	5077.8	5196.7	5672.2	6512.8	7616.7	*8652.6*	8737.5	9077.2	8695.1
22.5°	5298.6	5298.6	5332.5	5324.0	5612.7	6402.4	7710.1	*9204.5*	9357.4	10062.2	9569.7
25°	5782.6	5774.1	5740.1	5689.2	5859.0	6521.3	7922.4	*9629.1*	9926.3	11149.0	10580.1
27.5°	6376.9	6360.0	6309.0	6224.1	6343.0	6877.9	8287.5	*10079.1*	10401.8	12337.8	11650.0
30°	7115.7	7064.7	7013.8	6903.4	7030.8	7463.8	8830.9	*10716.0*	11021.7	13687.9	12940.7
32.5°	7990.3	8049.7	7879.9	7727.1	7862.9	8262.0	9637.6	*11471.7*	11802.9	15097.5	14282.3
35°	9297.9	9476.3	9425.3	8652.6	8780.0	9221.5	10580.1	*12448.2*	12745.4	16379.7	15657.9
37.5°	10588.6	10546.2	10588.6	9943.3	9739.5	10274.4	11590.6	*13382.2*	13670.9	17424.1	16872.2
40°	11624.6	11751.9	11751.9	11225.5	10962.2	11318.9	12507.6	*14239.9*	14520.1	18001.5	17746.8
42.5°	12753.9	12770.9	12736.9	12278.4	12176.5	12269.9	13314.3	*14783.3*	15012.6	18298.7	18341.1
45°	14027.6	14019.1	13874.7	13492.6	13339.8	13254.9	13815.3	*15309.8*	15539.0	18434.6	18663.8
47.5°	15080.5	15123.0	15131.4	14723.9	14469.1	14104.0	14248.4	*15573.0*	15836.2	18281.7	18731.7
50°	15139.9	15207.9	15530.5	15649.4	15598.5	15012.6	14647.4	*15853.2*	16116.4	18315.7	18978.0
52.5°	14766.3	14834.3	15250.3	15742.8	16337.2	16057.0	15275.8	*16337.2*	16608.9	18646.8	19538.4
55°	13764.4	13874.7	14494.6	15182.4	16243.8	16642.9	16388.2	*17211.8*	17466.5	18910.1	20192.2
57.5°	11981.2	12117.0	12974.7	14070.0	15522.0	16507.0	18001.5	*18612.9*	18825.1	19096.9	20200.7
60°	8958.3	9068.7	10410.3	11887.8	14070.0	15657.9	18961.0	*21015.9*	21134.8	18086.4	19054.4
62.5°	6597.7	6708.1	7608.2	8669.6	11055.6	14095.5	19147.8	*23096.3*	23113.2	16260.8	17475.0
63°	*6215.6*	*6326.0*	*7141.2*	*8134.6*	*10342.4*	*13569.1*	*19088.4*	*23164.2*	*23104.7*	*15887.2*	*17126.9*
65°	4840.0	5035.3	5884.5	6640.2	7752.5	10800.9	18324.2	*21958.4*	22043.3	14783.3	15377.7
67.5°	3294.6	3439.0	4517.4	5392.0	5859.0	6877.9	15029.6	*18791.2*	18927.0	13637.0	12269.9
70°	2547.4	2615.3	3243.7	4271.1	4738.1	4373.0	9798.9	*15131.4*	15131.4	10648.1	8695.1
72.5°	1995.4	2020.9	2445.5	3337.1	3812.6	3362.5	5459.9	*11004.7*	10597.1	6317.5	5799.5
75°	1426.5	1460.5	1842.6	2487.9	3039.9	2649.3	3489.9	*6410.9*	6164.7	3634.3	3872.0
77.5°	1129.3	1146.3	1375.6	1834.1	2462.5	2020.9	2657.8	*3498.4*	3464.4	2555.9	2487.9
80°	891.6	925.5	1078.4	1316.1	1902.0	1579.4	1978.5	*2309.6*	2241.7	1757.7	1596.4
82.5°	636.8	696.3	832.1	1002.0	1409.6	1129.3	1299.2	*1630.3*	1630.3	1324.6	1052.9
85°	390.6	441.5	492.5	619.9	1002.0	730.2	687.8	*1052.9*	1078.4	993.5	679.3
87.5°	186.8	203.8	237.8	263.2	365.1	331.2	271.7	*399.1*	407.6	441.5	280.2
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: P1456147
CATALOG NUMBER: GLAN-SB9A-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1	5757.1
2.5°	5808.0	5791.0	5706.1	5621.2	5527.8	5442.9	5358.0	5290.1	5213.6	5230.6	5239.1
5°	5918.4	5876.0	5689.2	5468.4	5179.7	4908.0	4644.7	4457.9	4339.0	4305.1	4237.1
7.5°	6156.2	6054.3	5714.6	5247.6	4712.7	4288.1	4041.8	3931.5	3897.5	3906.0	3889.0
10°	6427.9	6275.0	5748.6	4984.4	4305.1	4016.4	3982.4	4050.3	4084.3	4118.3	4126.8
12.5°	6784.5	6538.3	5731.6	4695.7	4109.8	4058.8	4186.2	4313.6	4390.0	4440.9	4432.4
15°	7200.6	6869.4	5680.7	4457.9	4084.3	4220.2	4381.5	4525.8	4619.3	4670.2	4644.7
17.5°	7701.6	7260.0	5621.2	4305.1	4160.7	4322.1	4491.9	4636.2	4738.1	4772.1	4746.6
20°	8321.4	7701.6	5519.3	4237.1	4220.2	4364.5	4517.4	4653.2	4738.1	4772.1	4738.1
22.5°	9051.7	8228.0	5434.4	4237.1	4245.6	4364.5	4474.9	4576.8	4653.2	4678.7	4636.2
25°	9985.7	8839.4	5400.4	4305.1	4254.1	4322.1	4381.5	4440.9	4483.4	4500.4	4483.4
27.5°	10936.8	9544.2	5417.4	4390.0	4245.6	4262.6	4262.6	4271.1	4279.6	4288.1	4279.6
30°	12032.1	10257.5	5485.4	4500.4	4262.6	4177.7	4152.2	4101.3	4058.8	4024.9	3990.9
32.5°	13093.5	10936.8	5604.2	4661.7	4245.6	4084.3	4033.4	3906.0	3787.1	3685.2	3685.2
35°	14239.9	11641.5	5816.5	4780.6	4228.7	3999.4	3855.0	3710.7	3583.3	3439.0	3439.0
37.5°	15224.8	12244.4	5986.3	4916.4	4211.7	3897.5	3668.2	3506.9	3371.0	3226.7	3209.7
40°	15912.6	12592.6	6088.2	4967.4	4152.2	3761.6	3489.9	3286.1	3090.8	2895.5	2887.0
42.5°	16243.8	12575.6	6028.8	4950.4	4041.8	3591.8	3337.1	3065.3	2802.1	2623.8	2606.8
45°	16422.1	12465.2	5799.5	4806.1	3863.5	3413.5	3141.8	2853.1	2589.8	2428.5	2394.5
47.5°	16388.2	12193.5	5485.4	4449.4	3625.8	3218.2	2946.5	2649.3	2437.0	2343.6	2343.6
50°	16481.6	11981.2	5128.7	4041.8	3303.1	2988.9	2768.2	2496.4	2369.1	2250.2	2207.7
52.5°	16897.6	12159.5	4823.0	3659.7	2997.4	2768.2	2615.3	2386.0	2224.7	2148.3	2122.8
55°	17449.6	12541.6	4534.3	3320.1	2700.2	2572.9	2496.4	2284.2	2097.3	2020.9	1978.5
57.5°	17551.5	12804.8	4254.1	2988.9	2454.0	2420.0	2394.5	2105.8	1953.0	1893.6	1859.6
60°	16846.7	12609.5	3889.0	2691.7	2258.7	2275.7	2207.7	1995.4	1817.1	1757.7	1723.7
62.5°	15649.4	12100.1	3523.9	2437.0	2105.8	2139.8	2071.9	1859.6	1681.3	1621.8	1604.9
63°	*15411.7*	*11964.2*	*3439.0*	*2411.5*	*2071.9*	*2114.3*	*2054.9*	*1842.6*	*1664.3*	*1604.9*	*1579.4*
65°	13993.6	11149.0	3141.8	2275.7	1961.5	1961.5	1970.0	1757.7	1604.9	1579.4	1562.4
67.5°	11412.3	9306.4	2819.1	2114.3	1842.6	1868.1	1910.5	1791.7	1732.2	1715.2	1698.3
70°	8627.1	7005.3	2538.9	1961.5	1715.2	1800.1	2088.9	2037.9	1817.1	1664.3	1630.3
72.5°	6113.7	4772.1	2292.6	1808.6	1562.4	1774.7	2165.3	1944.5	1638.8	1460.5	1426.5
75°	4092.8	3073.8	2046.4	1647.3	1392.6	1638.8	2046.4	1774.7	1426.5	1384.1	1333.1
77.5°	2572.9	2190.7	1800.1	1460.5	1205.8	1460.5	1859.6	1579.4	1231.2	1248.2	1171.8
80°	1570.9	1562.4	1511.4	1239.7	968.0	1163.3	1562.4	1333.1	985.0	985.0	874.6
82.5°	934.0	1129.3	1282.2	1027.4	704.8	832.1	1129.3	1002.0	823.7	798.2	747.2
85°	628.4	764.2	1019.0	789.7	450.0	509.5	781.2	840.6	755.7	662.3	619.9
87.5°	229.3	305.7	467.0	322.7	195.3	305.7	585.9	611.4	458.5	356.6	322.7
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

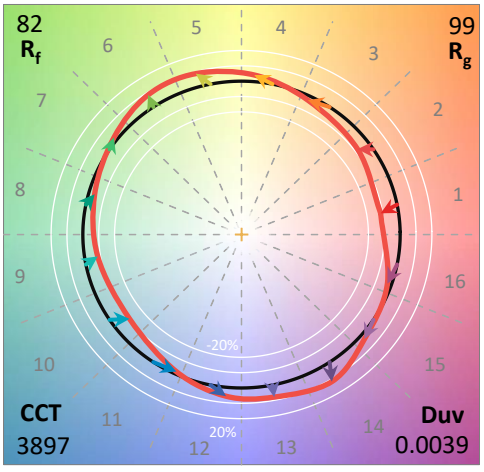
Test Information

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

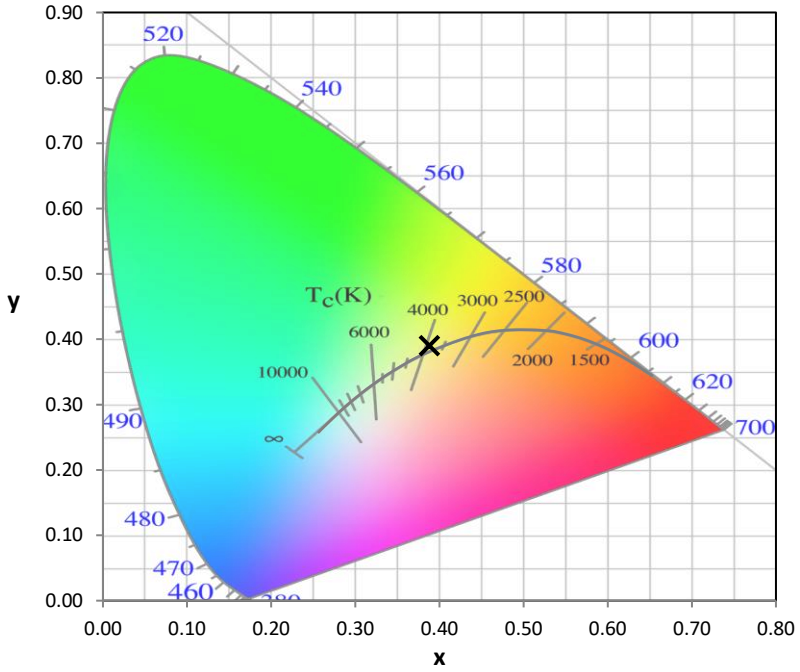
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

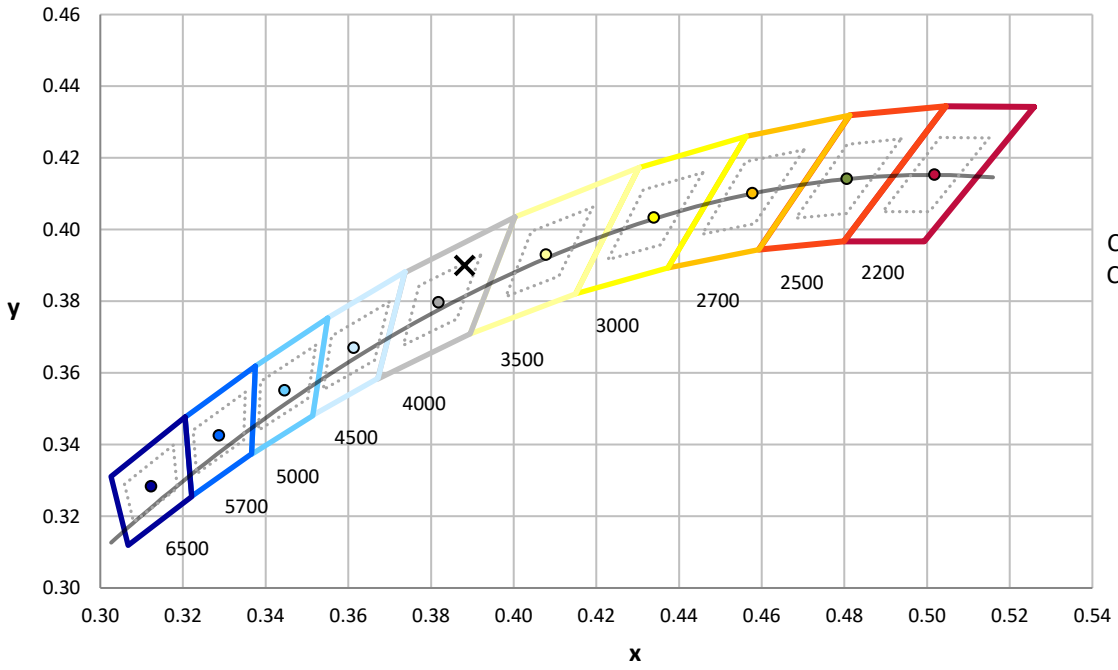
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

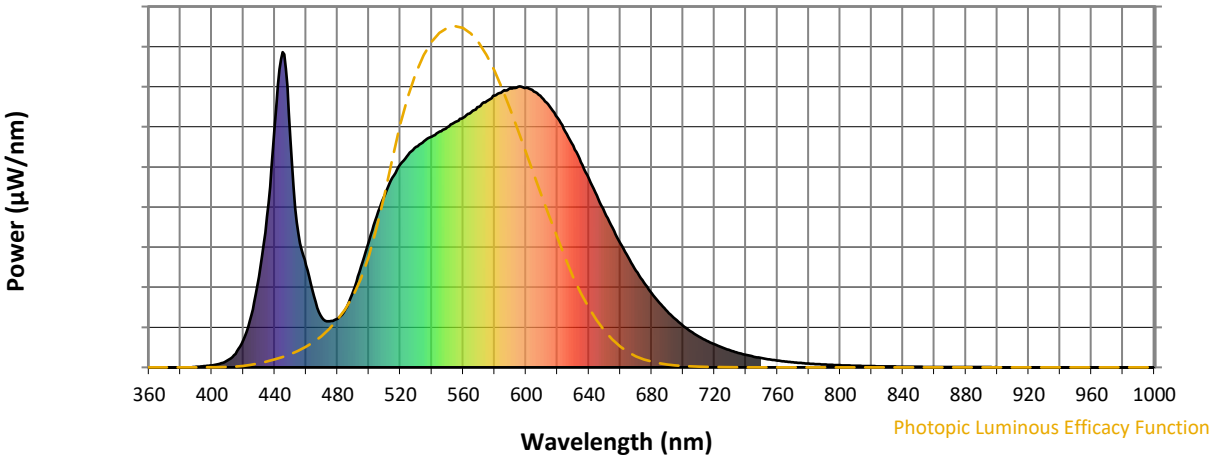


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

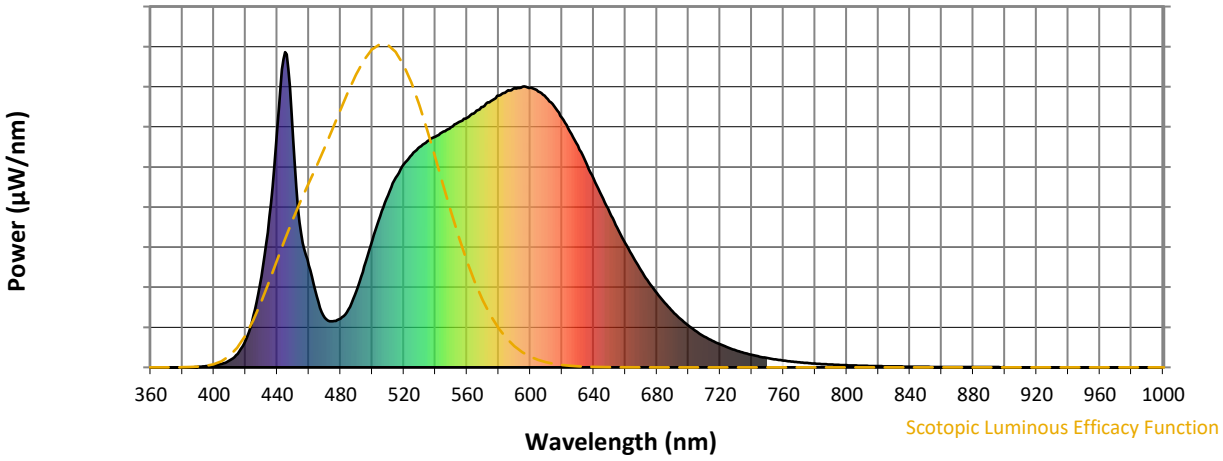


Photopic Lumens: NR

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

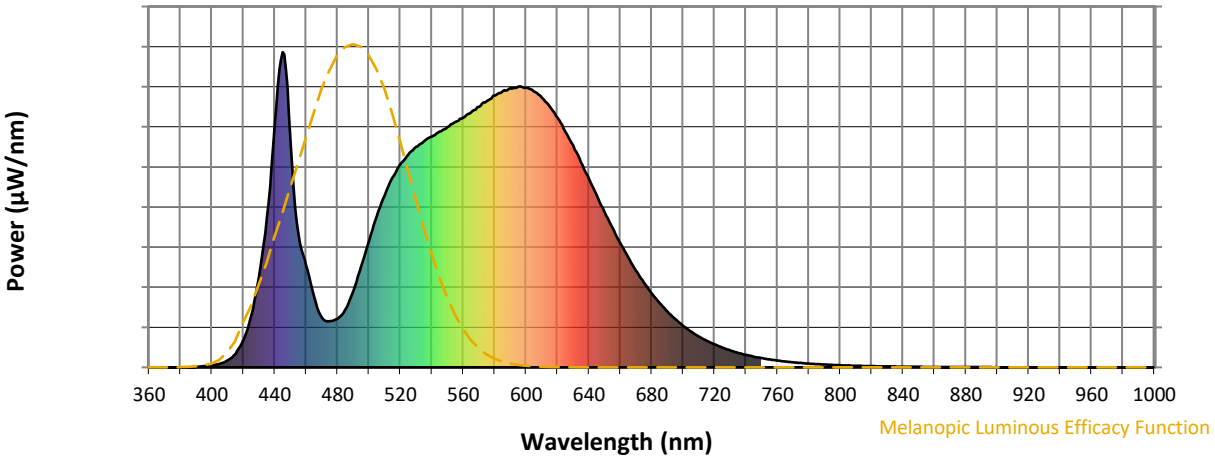


Scotopic Lumens: NR **S/P: 1.57**

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			

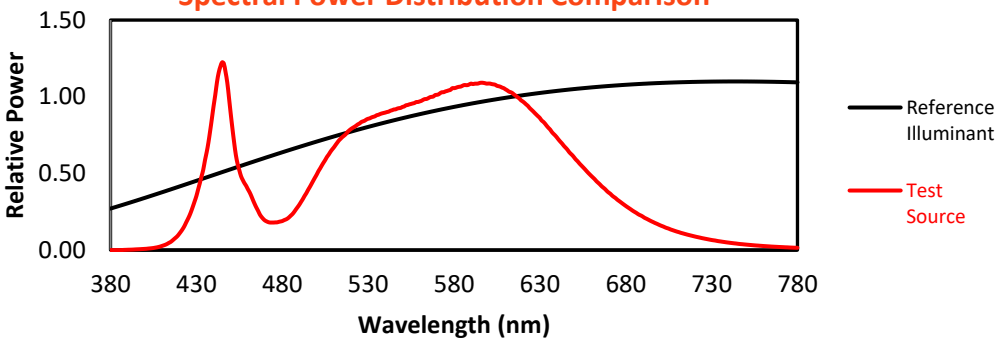
REPORT NUMBER: SP1-2407-184-11

TM-30-18

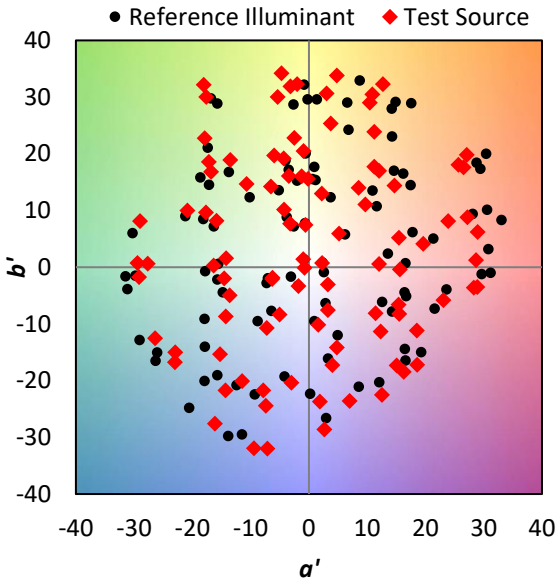
Summary

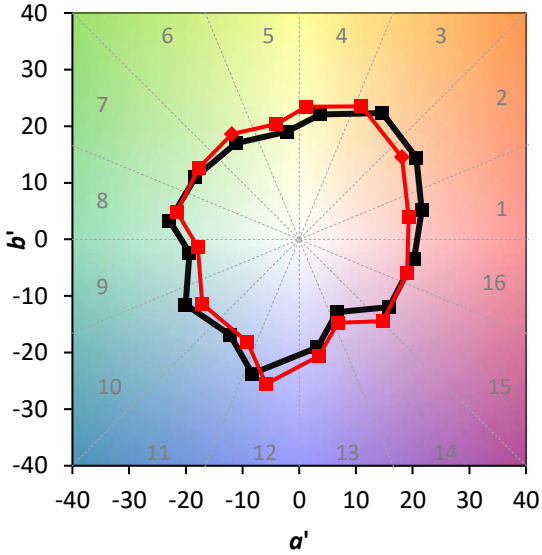
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

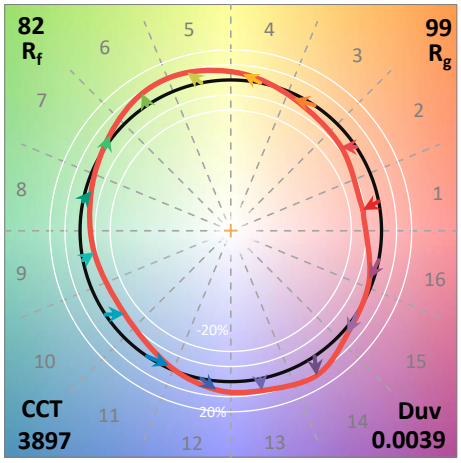
Spectral Power Distribution Comparison

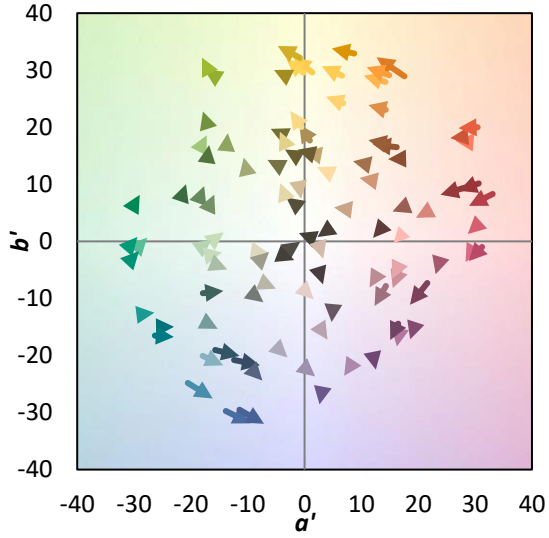


Color Vector Graphics







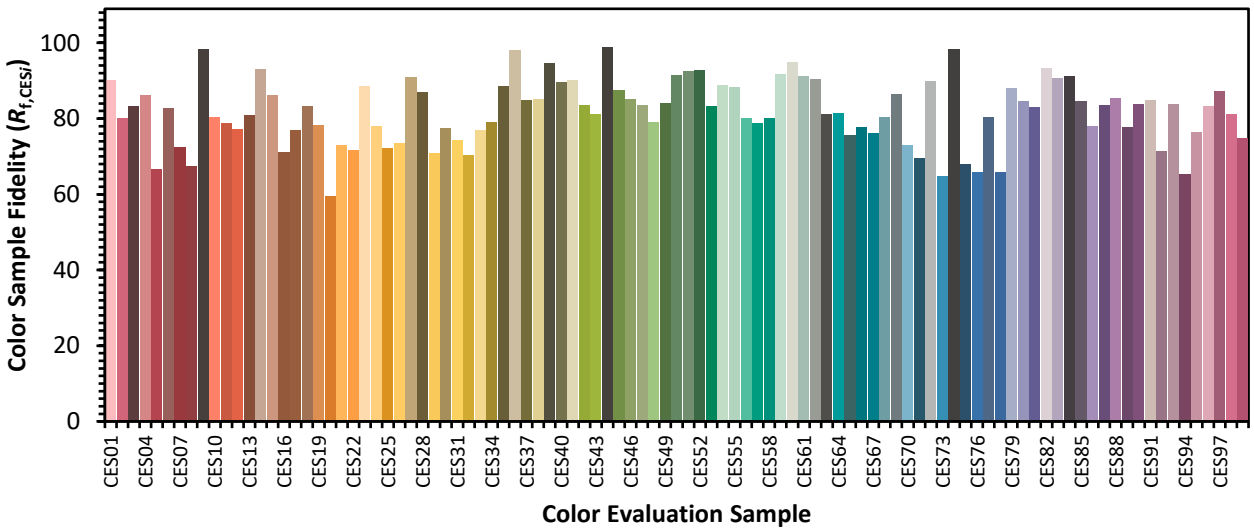


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

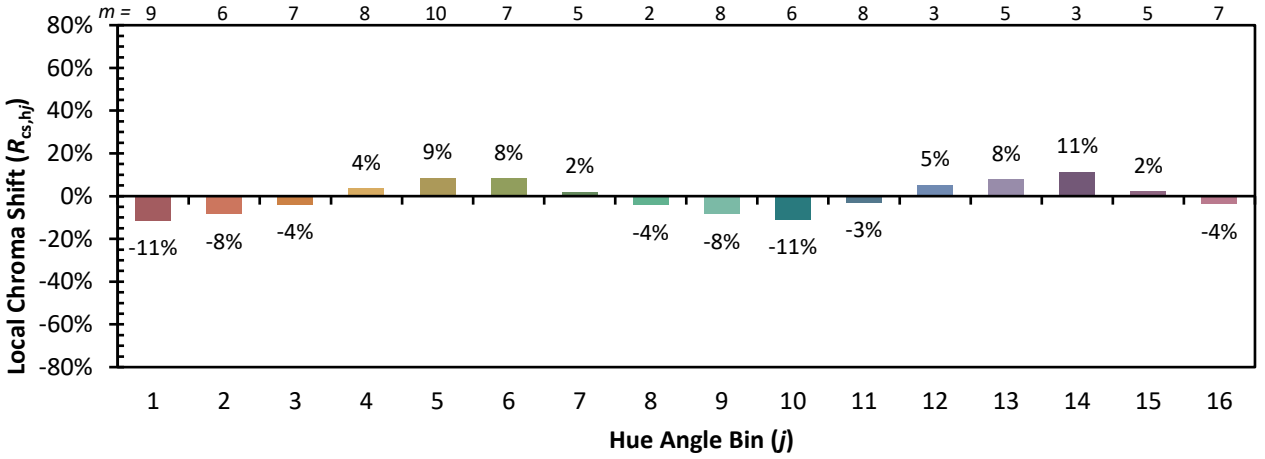
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

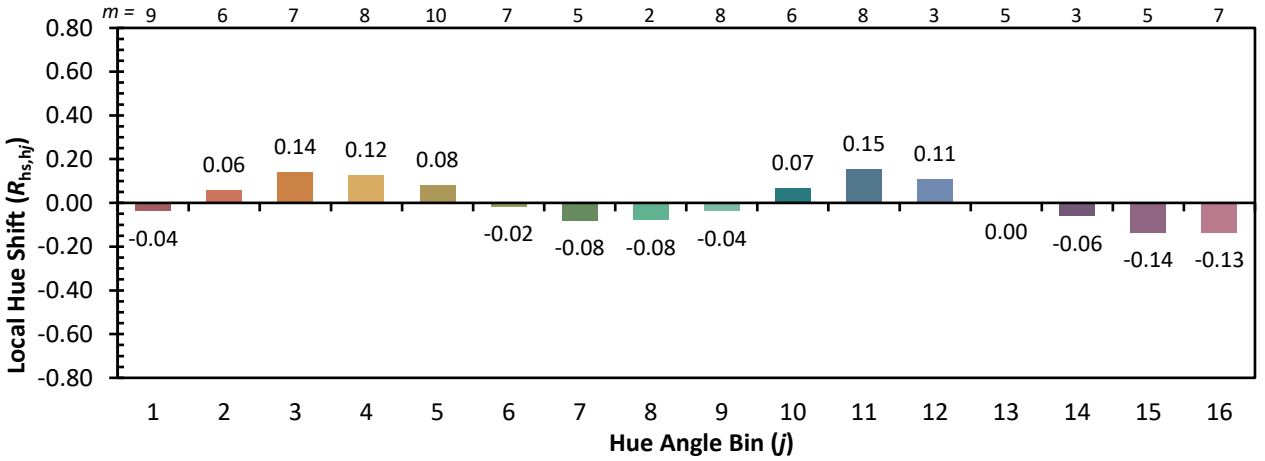


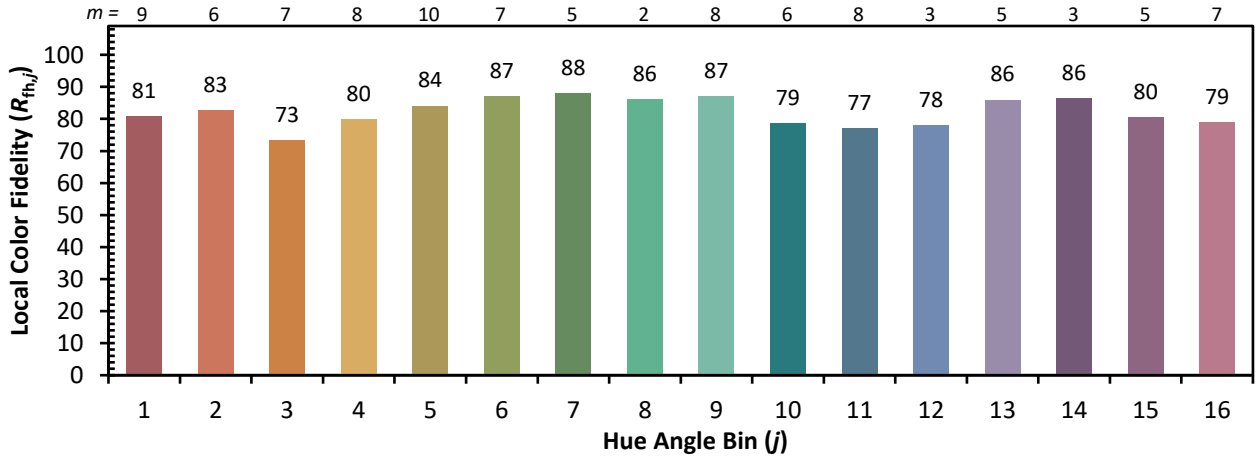
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



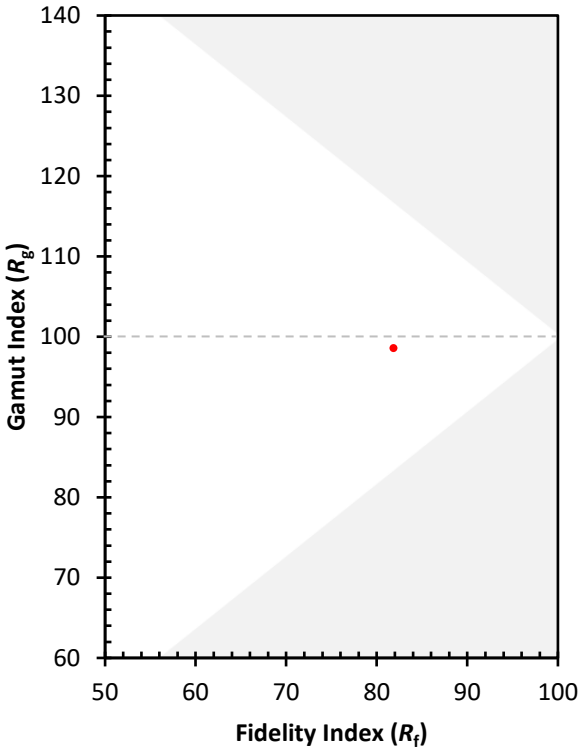


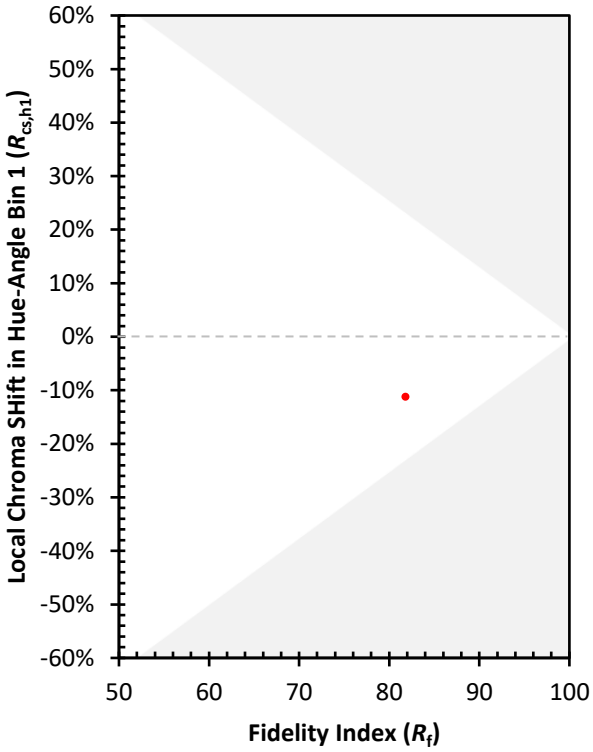


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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