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: P1456723

Luminaire Tested: GLAN-SB9A-840-U-T3LG

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:	P1456723
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(234) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38115.6 lumens
Efficiency:	N/A
Efficacy:	149.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - 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: P1456723
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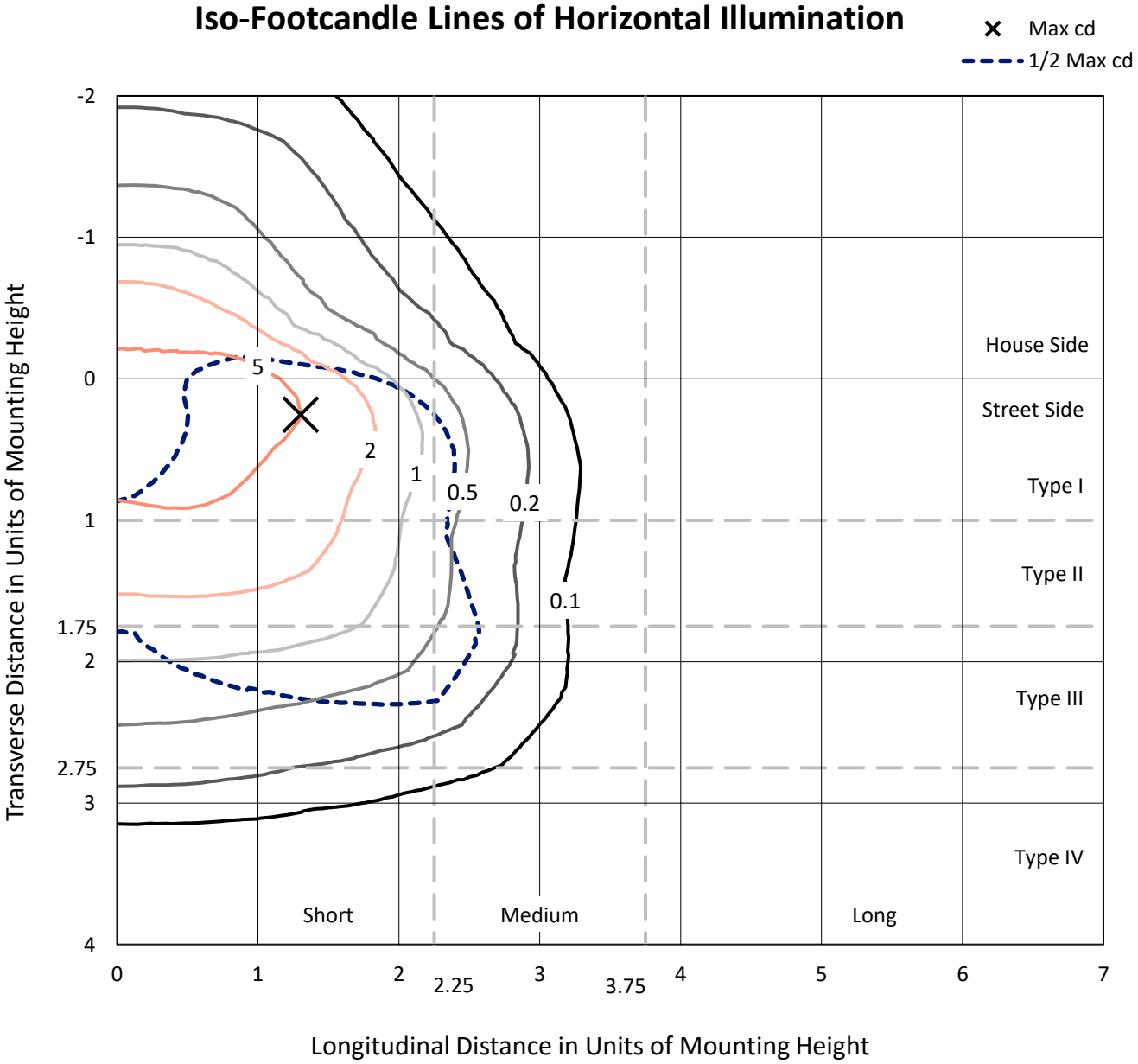
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.7 fc
Type III - Short - N/A

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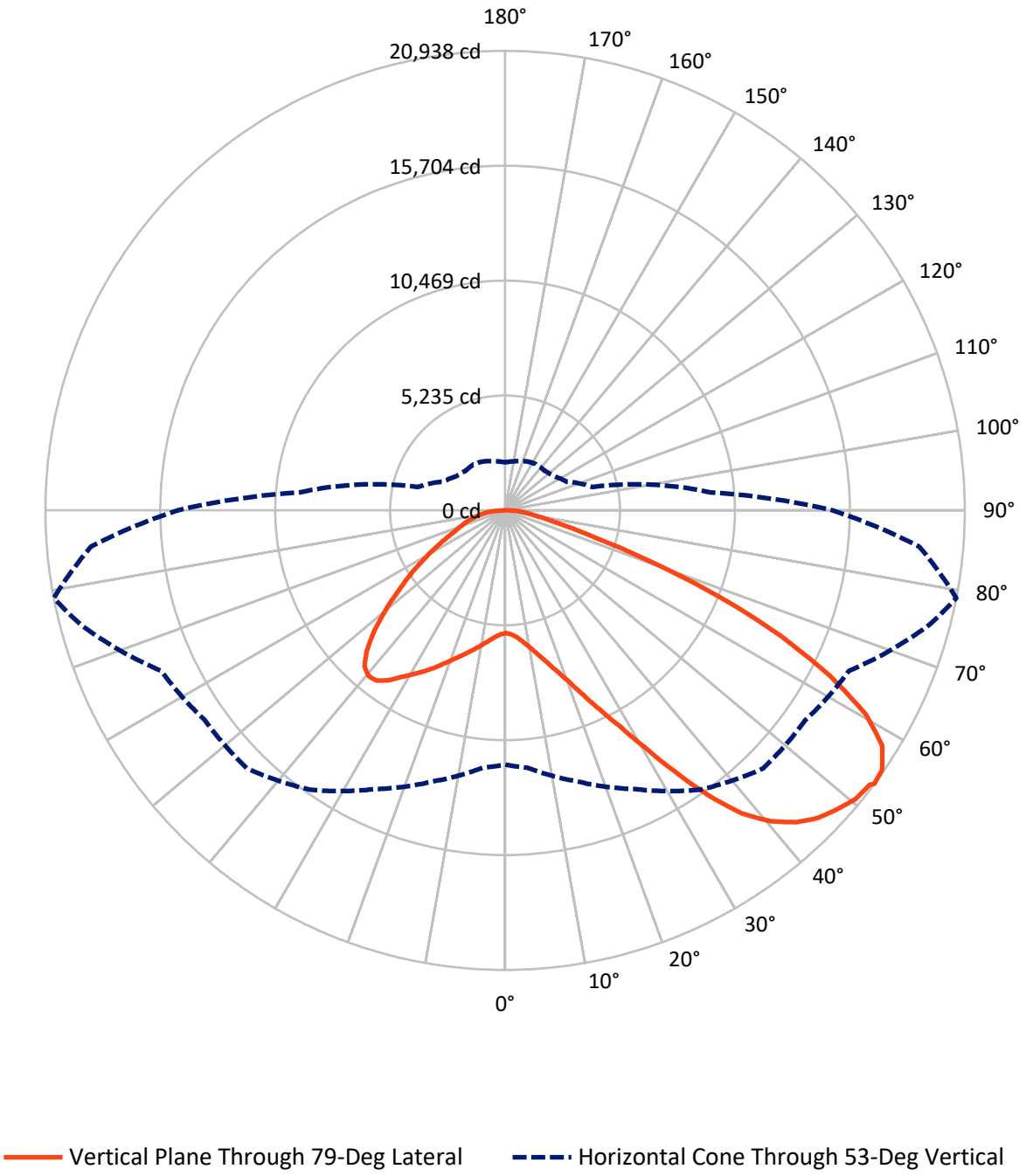
Luminous Intensity Polar Plot



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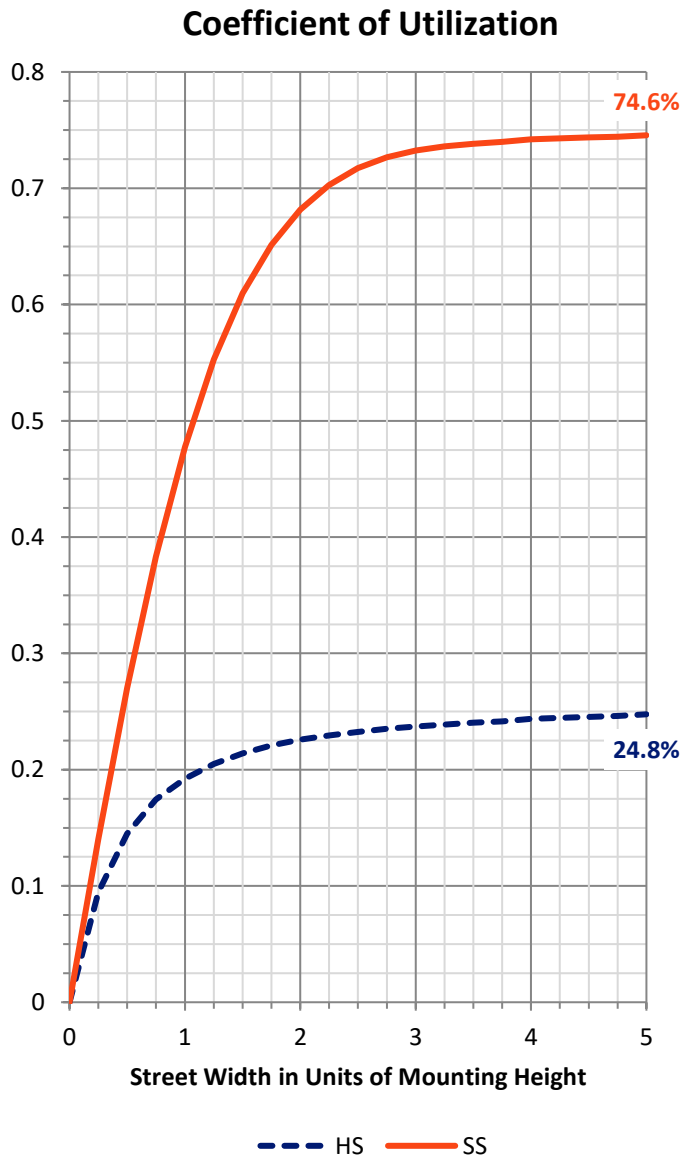
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9608.7	0.0	9608.7
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	28506.9	0.0	28506.9
	% Fixture	74.8	0.0	74.8
Total	Lumens	38115.6	0.0	38115.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	533.2	1.4
10°-20°	1651.0	4.3
20°-30°	3156.6	8.3
30°-40°	5419.6	14.2
40°-50°	7591.2	19.9
50°-60°	8615.0	22.6
60°-70°	7554.9	19.8
70°-80°	2954.1	7.8
80°-90°	640.0	1.7
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°	38115.6	100.0
0°-180°	38115.6	100.0



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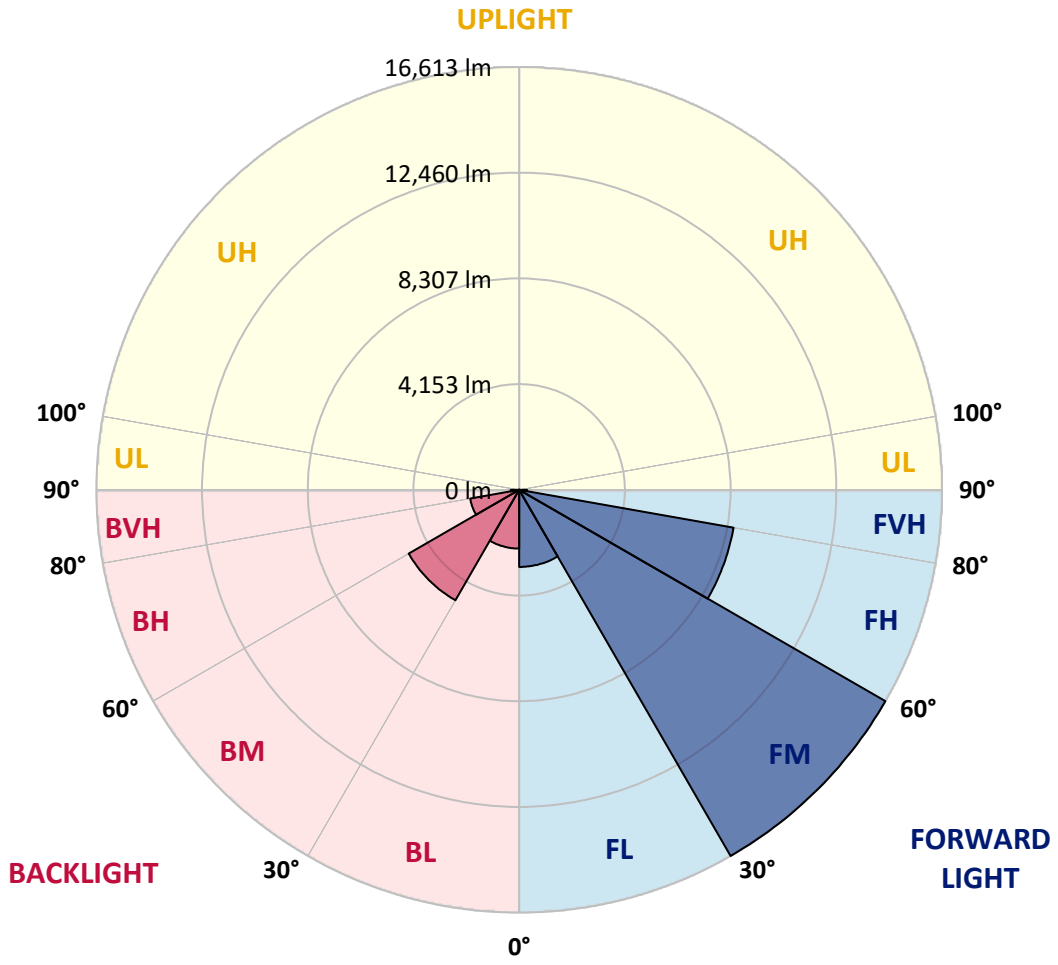
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3029.8	7.9			
FM	(30°-60°)	16613.2	43.6			
FH	(60°-80°)	8553.4	22.4			G4/12000
FVH	(80°-90°)	310.4	0.8			G3/500
BL	(0°-30°)	2310.9	6.1	B3/2500		
BM	(30°-60°)	5012.6	13.2	B4/8500		
BH	(60°-80°)	1955.5	5.1	B3/2500		G3/2500
BVH	(80°-90°)	329.6	0.9			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	*5595.5*	5595.5
2.5°	5604.0	5604.0	5570.0	5604.0	5587.0	5612.4	5629.4	5629.4	5663.4	*5654.9*	5654.9
5°	5510.6	5493.6	5485.1	5544.5	5578.5	5646.4	5722.8	5756.8	5816.2	*5816.2*	5824.7
7.5°	5264.3	5255.8	5298.3	5417.2	5527.5	5697.4	5858.7	5952.1	6045.5	*6062.5*	6062.5
10°	5111.5	5103.0	5153.9	5298.3	5476.6	5722.8	5977.6	6172.8	6325.7	*6368.1*	6368.1
12.5°	5111.5	5111.5	5153.9	5298.3	5485.1	5782.3	6130.4	6461.5	6699.3	*6750.2*	6733.2
15°	5255.8	5247.3	5298.3	5451.1	5629.4	5909.6	6334.2	6775.7	7098.3	*7191.7*	7200.2
17.5°	5408.7	5400.2	5476.6	5671.9	5884.2	6164.4	6597.4	7140.8	7599.3	*7718.2*	7743.7
20°	5646.4	5637.9	5731.3	5918.1	6181.3	6504.0	6954.0	7573.8	8210.6	*8338.0*	8372.0
22.5°	5918.1	5926.6	6028.5	6257.8	6521.0	6945.5	7497.4	8185.2	8949.3	*9144.6*	9178.6
25°	6487.0	6461.5	6546.4	6707.8	6988.0	7497.4	8176.7	8923.9	9832.4	*10070.1*	10112.6
27.5°	7242.7	7200.2	7293.6	7455.0	7658.7	8134.2	8915.4	9747.5	10842.8	*11140.0*	11148.5
30°	7922.0	7896.5	8023.8	8355.0	8567.3	8932.4	9764.5	10715.4	12091.0	*12524.0*	12541.0
32.5°	8507.8	8499.3	8737.1	9161.6	9645.6	10036.2	10842.8	11938.1	13670.3	*14171.2*	14060.8
35°	9068.2	9093.7	9390.9	9832.4	10477.7	11258.9	12074.0	13322.1	15334.5	*15937.3*	15759.0
37.5°	9637.1	9654.1	10044.7	10613.6	11292.8	12311.7	13407.0	14825.0	16777.9	*17525.1*	17134.5
40°	10163.5	10214.5	10740.9	11352.3	12235.3	13271.2	14493.9	15869.4	17890.2	*18628.9*	18204.4
42.5°	10690.0	10766.4	11335.3	12175.9	13118.4	14196.7	15249.6	16506.2	18603.4	*19427.1*	18773.3
45°	11233.4	11284.3	11989.1	12863.6	13933.5	14926.9	15682.6	16913.8	19095.9	*19987.4*	19095.9
47.5°	11598.5	11700.4	12473.1	13483.5	14553.3	15487.3	16030.7	17083.6	19410.1	*20352.6*	19214.8
50°	11742.8	11887.2	12719.3	13840.1	15062.8	16013.7	16302.4	17177.0	19758.2	*20675.2*	19189.3
52.5°	11717.4	11853.2	12761.7	14001.4	15470.3	16497.7	16565.6	17278.9	20004.4	*20785.6*	18968.5
53°	*11581.5*	*11768.3*	*12787.2*	*14009.9*	*15529.8*	*16625.1*	*16684.5*	*17287.4*	*20038.4*	*20938.4*	*18934.6*
55°	11114.5	11216.4	12524.0	14001.4	15810.0	17100.6	17015.7	17542.1	20131.8	*20836.5*	18561.0
57.5°	10690.0	10791.9	11929.6	13840.1	16039.2	17771.3	17550.6	17499.6	19622.3	*20259.2*	17618.5
60°	10418.3	10452.2	11411.7	13330.6	15945.8	18238.3	17898.7	16998.7	18365.7	*18892.1*	15962.8
62.5°	10189.0	10180.5	11029.6	12600.4	15589.2	18306.3	17966.6	15759.0	16523.2	*16608.1*	13755.2
65°	9671.1	9611.6	10435.2	11776.8	14850.5	18000.6	17134.5	13882.5	14077.8	*13797.6*	11046.6
67.5°	8643.7	8516.3	9246.5	10520.2	13347.6	17134.5	15546.7	11700.4	11097.5	*10537.1*	8321.0
70°	6189.8	6189.8	6775.7	8049.3	10715.4	14808.0	13347.6	8856.0	7641.8	*7140.8*	5561.5
72.5°	3031.2	3107.6	3719.0	4754.9	7183.3	10749.4	10223.0	5739.8	4636.0	*4389.8*	3566.2
75°	1290.6	1299.1	1587.8	2105.7	3642.6	6359.6	6402.1	3311.4	2971.8	*2852.9*	2360.5
77.5°	900.0	917.0	1044.4	1239.7	1732.1	2920.9	3328.4	2003.8	1995.3	*1910.4*	1681.2
80°	687.8	704.7	789.6	925.5	1163.2	1494.4	1723.6	1358.5	1426.5	*1341.6*	1214.2
82.5°	517.9	534.9	594.4	696.2	832.1	1001.9	968.0	1001.9	1052.9	*1001.9*	874.6
85°	348.1	356.6	399.1	484.0	534.9	602.8	602.8	730.2	764.2	*747.2*	687.8
87.5°	178.3	178.3	212.3	254.7	271.7	280.2	246.2	322.7	365.1	*399.1*	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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Scaled Data Report

REPORT NUMBER: P1456723
CATALOG NUMBER: GLAN-SB9A-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5	5595.5
2.5°	5654.9	5663.4	5637.9	5629.4	5620.9	5578.5	5578.5	5536.0	5527.5	5536.0	5510.6
5°	5841.7	5824.7	5756.8	5705.8	5646.4	5527.5	5459.6	5366.2	5340.7	5315.3	5289.8
7.5°	6071.0	6045.5	5926.6	5790.8	5629.4	5400.2	5272.8	5120.0	5069.0	5026.6	5009.6
10°	6359.6	6308.7	6121.9	5833.2	5536.0	5255.8	5077.5	4890.7	4805.8	4788.8	4746.4
12.5°	6733.2	6639.8	6291.7	5841.7	5451.1	5086.0	4890.7	4746.4	4712.4	4703.9	4661.5
15°	7149.3	7013.4	6453.0	5850.2	5340.7	4941.7	4822.8	4746.4	4746.4	4737.9	4712.4
17.5°	7658.7	7438.0	6605.9	5816.2	5204.9	4899.2	4839.8	4771.9	4754.9	4763.4	4729.4
20°	8270.1	7905.0	6767.2	5773.8	5145.5	4907.7	4839.8	4746.4	4703.9	4695.4	4670.0
22.5°	8974.8	8439.9	6945.5	5705.8	5145.5	4899.2	4788.8	4661.5	4576.6	4542.6	4508.6
25°	9781.5	9059.7	7132.3	5680.4	5162.4	4865.3	4686.9	4483.2	4347.3	4296.4	4270.9
27.5°	10757.9	9713.5	7268.2	5705.8	5153.9	4788.8	4508.6	4245.4	4092.6	4007.7	3990.7
30°	11836.2	10418.3	7361.6	5748.3	5103.0	4644.5	4296.4	3999.2	3786.9	3685.0	3659.6
32.5°	13109.9	11207.9	7455.0	5748.3	4975.6	4440.7	4050.1	3727.5	3506.7	3387.8	3370.9
35°	14519.3	12175.9	7539.9	5739.8	4822.8	4219.9	3803.9	3472.8	3243.5	3124.6	3116.1
37.5°	15716.6	12906.1	7582.3	5654.9	4610.5	3965.2	3574.6	3243.5	3005.8	2878.4	2869.9
40°	16455.3	13211.8	7497.4	5485.1	4355.8	3702.0	3319.9	3014.2	2776.5	2623.7	2589.7
42.5°	16735.5	13067.4	7225.7	5204.9	4050.1	3438.8	3107.6	2785.0	2470.8	2343.5	2318.0
45°	16642.1	12507.0	6648.3	4805.8	3710.5	3201.0	2920.9	2555.7	2352.0	2241.6	2233.1
47.5°	16327.9	11640.9	5926.6	4304.9	3353.9	2988.8	2674.6	2496.3	2309.5	2190.6	2182.1
50°	15776.0	10715.4	5060.5	3736.0	3031.2	2768.0	2615.2	2470.8	2318.0	2224.6	2207.6
52.5°	15071.2	9671.1	4262.4	3184.1	2751.0	2572.7	2555.7	2453.9	2335.0	2233.1	2190.6
53°	*14909.9*	*9399.4*	*4109.6*	*3090.7*	*2708.6*	*2547.3*	*2538.8*	*2453.9*	*2318.0*	*2224.6*	*2190.6*
55°	14137.3	8558.8	3625.6	2759.5	2496.3	2462.3	2538.8	2445.4	2275.5	2199.1	2173.7
57.5°	12897.6	7455.0	3158.6	2453.9	2275.5	2360.5	2513.3	2411.4	2224.6	2088.7	2046.3
60°	11403.2	6189.8	2802.0	2250.1	2114.2	2233.1	2411.4	2292.5	2037.8	1969.9	1961.4
62.5°	9620.1	5009.6	2530.3	2080.3	1978.4	2097.2	2258.6	2054.8	1868.0	1817.0	1800.1
65°	7514.4	3982.2	2318.0	1952.9	1842.5	1935.9	2046.3	1918.9	1800.1	1757.6	1749.1
67.5°	5587.0	3124.6	2148.2	1842.5	1706.7	1766.1	1893.5	1859.5	1757.6	1732.1	1723.6
70°	3854.8	2538.8	1995.3	1740.6	1536.8	1604.8	1800.1	1825.5	1723.6	1706.7	1698.2
72.5°	2700.1	2148.2	1834.0	1630.2	1401.0	1468.9	1757.6	1757.6	1647.2	1672.7	1655.7
75°	2029.3	1808.5	1647.2	1494.4	1231.2	1333.1	1698.2	1681.2	1570.8	1681.2	1638.7
77.5°	1528.4	1460.4	1426.5	1324.6	1078.3	1180.2	1579.3	1545.3	1401.0	1409.5	1333.1
80°	1112.3	1129.3	1222.7	1129.3	900.0	976.4	1333.1	1316.1	1137.8	1171.7	1078.3
82.5°	798.1	840.6	1044.4	908.5	653.8	696.2	917.0	993.4	891.5	840.6	857.6
85°	602.8	628.3	840.6	670.8	407.6	458.5	628.3	713.2	696.2	645.3	653.8
87.5°	254.7	288.7	390.6	314.2	237.7	237.7	390.6	501.0	450.0	382.1	399.1
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

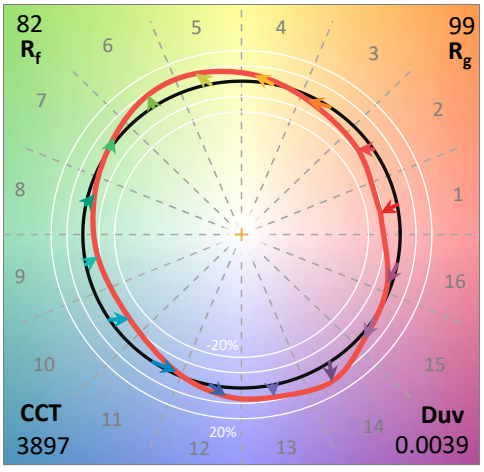
Test Information

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

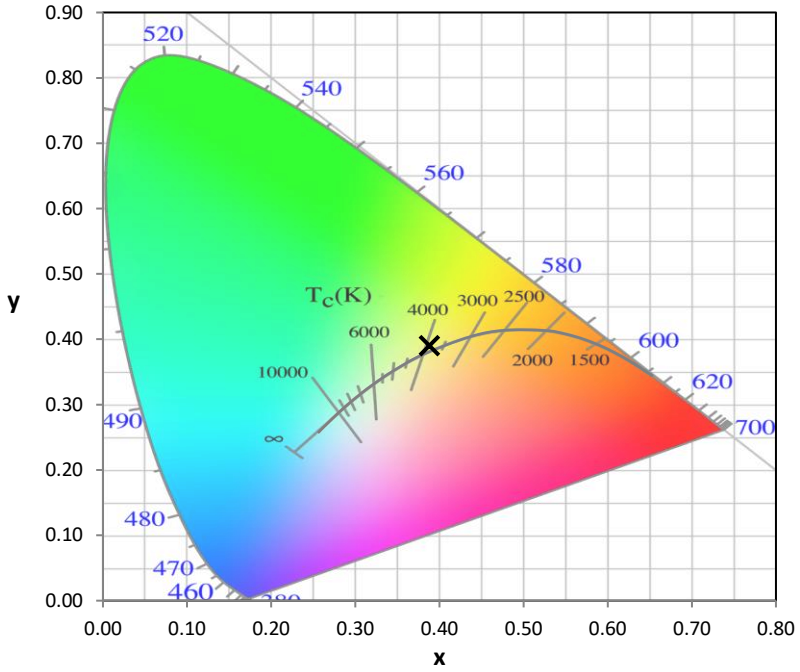
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

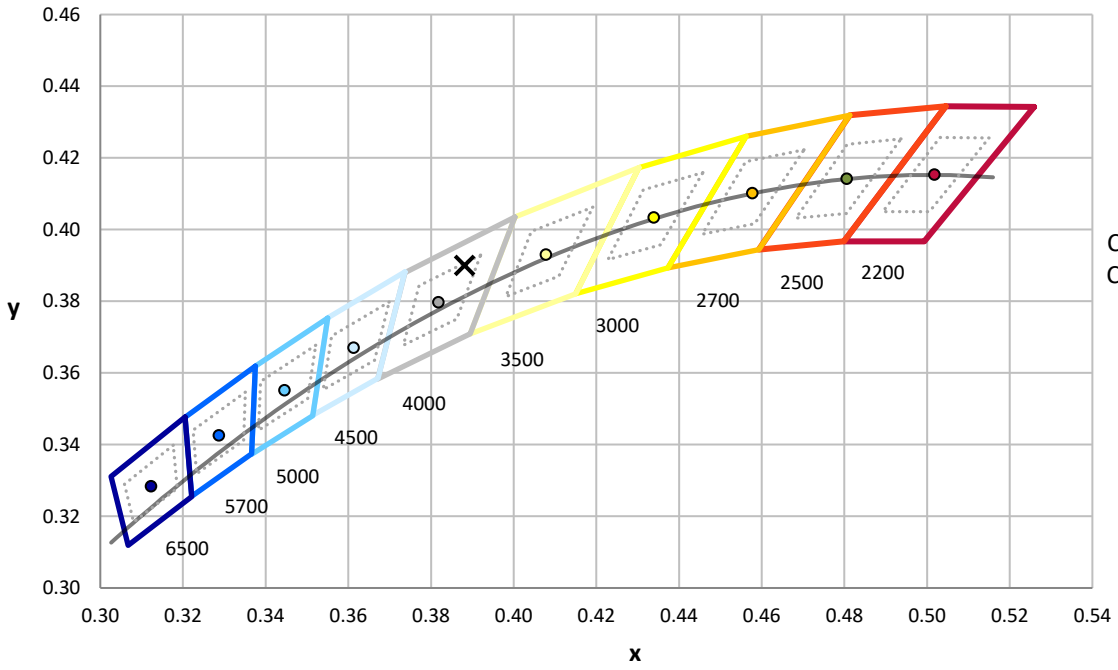
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

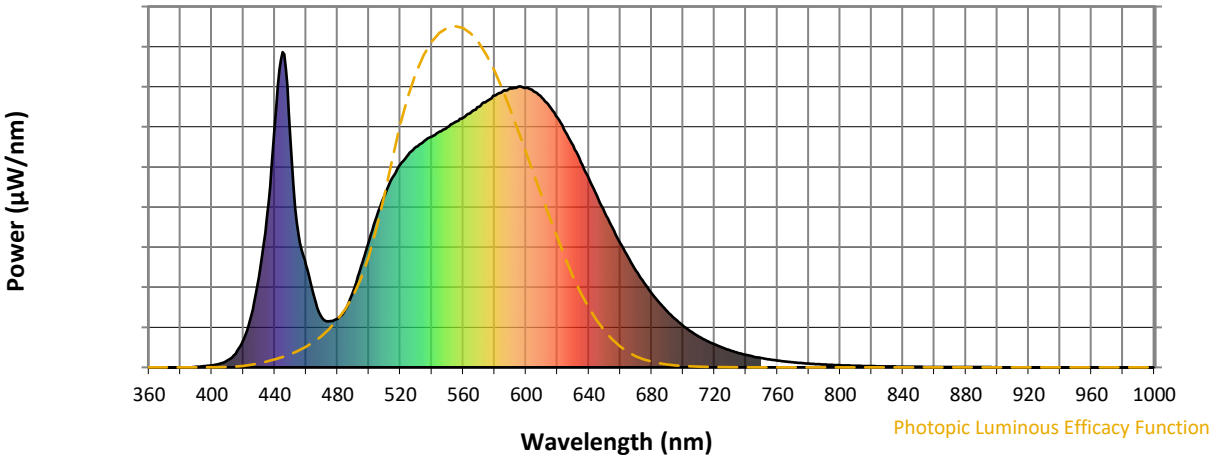


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

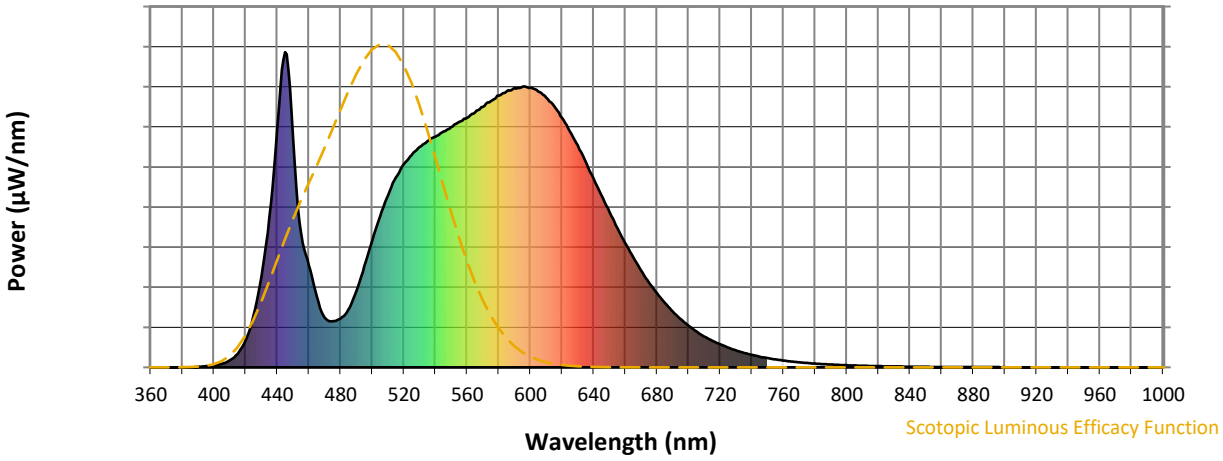


Photopic Lumens: NR

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

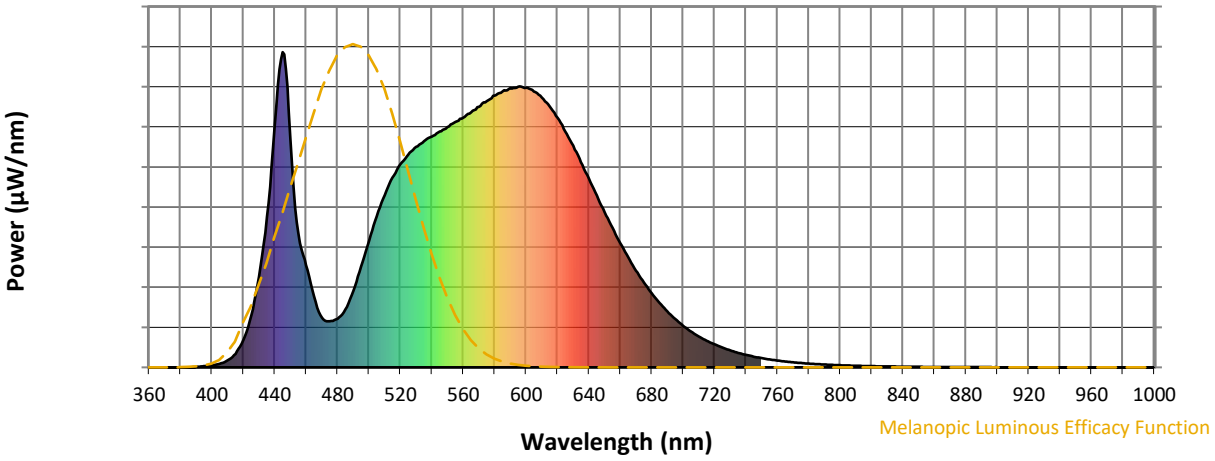


Scotopic Lumens: NR **S/P: 1.57**

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			

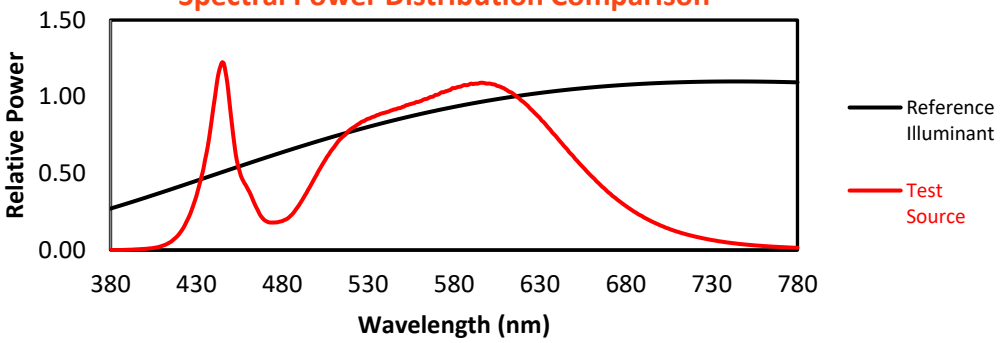
REPORT NUMBER: SP1-2407-184-11

TM-30-18

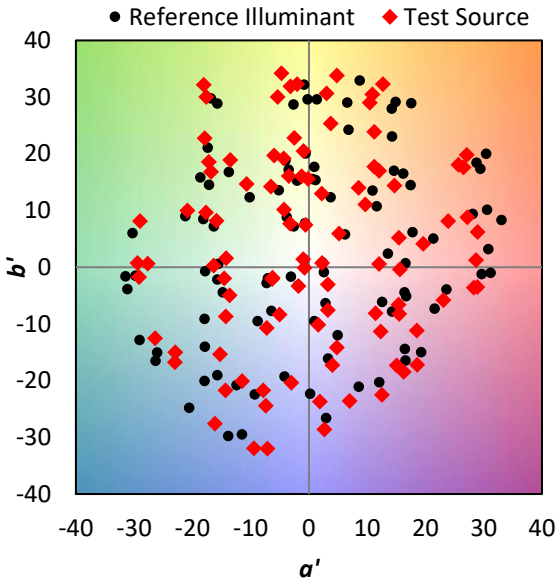
Summary

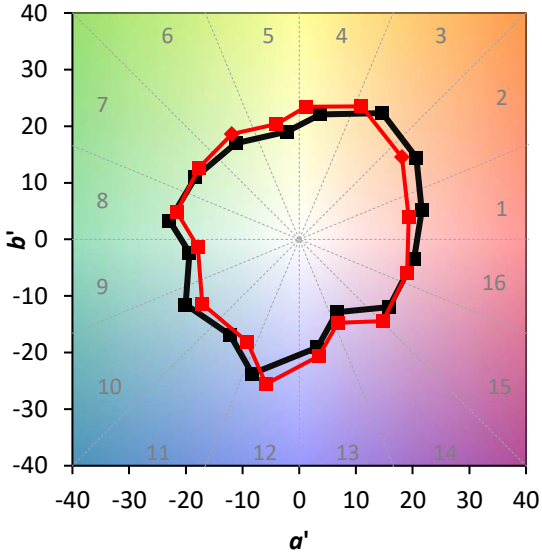
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

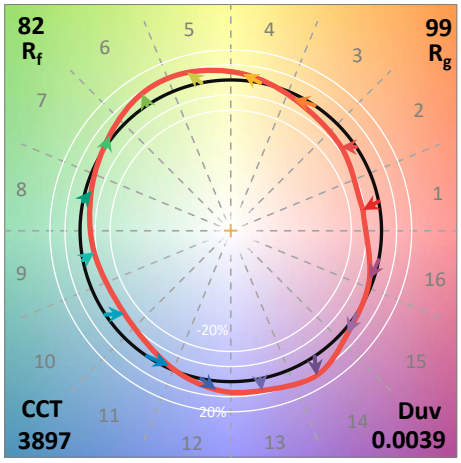
Spectral Power Distribution Comparison

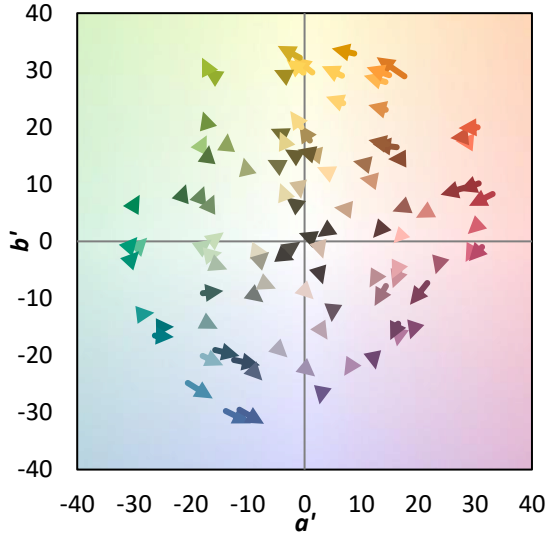


Color Vector Graphics







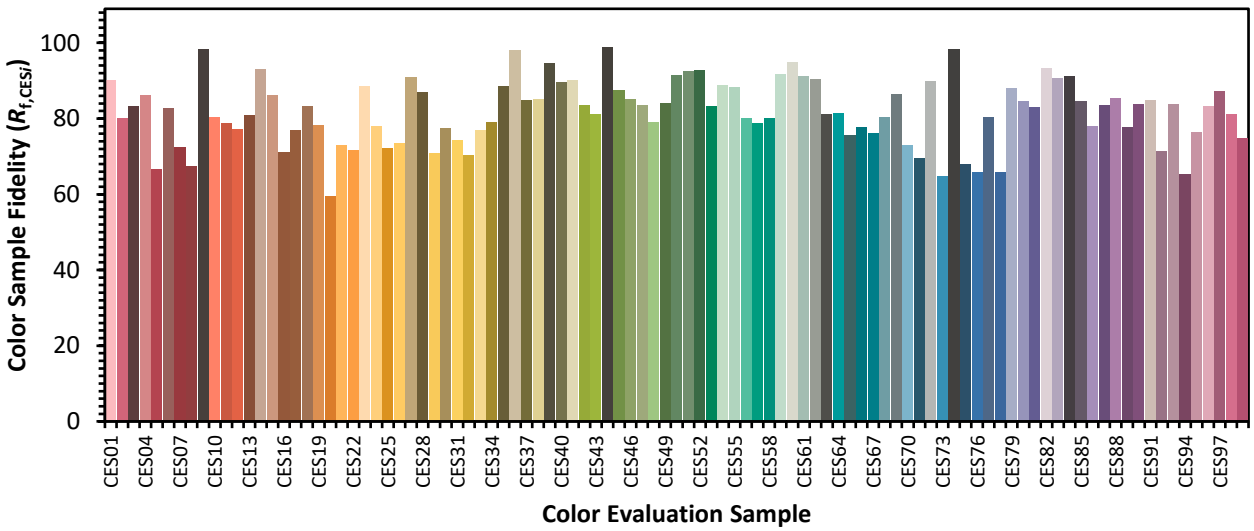


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

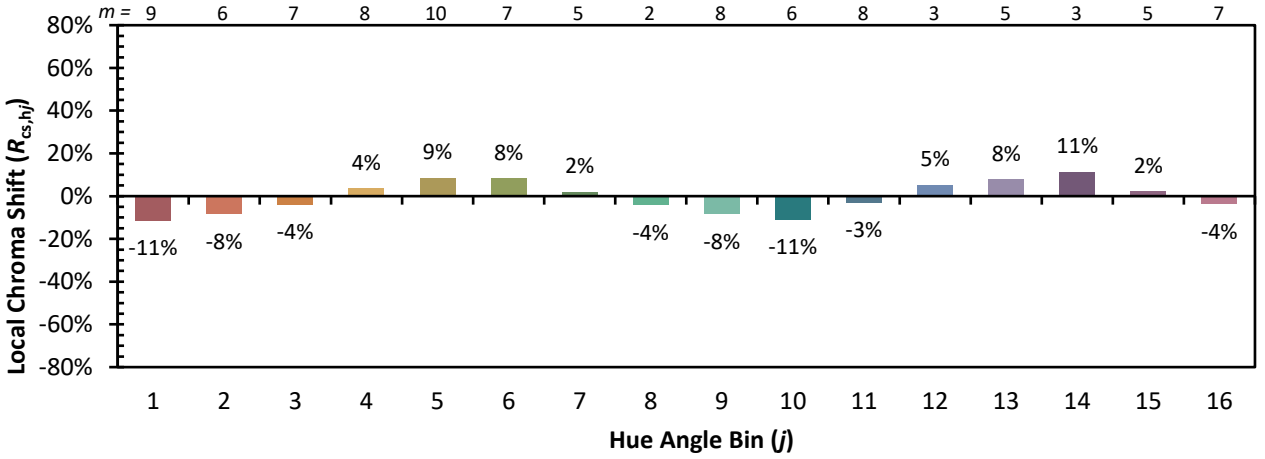
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

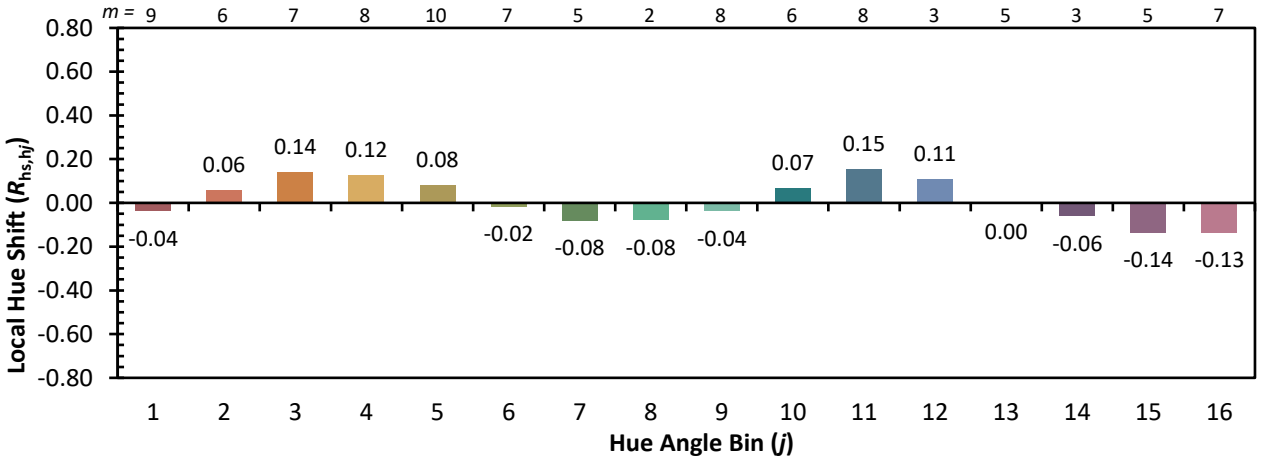


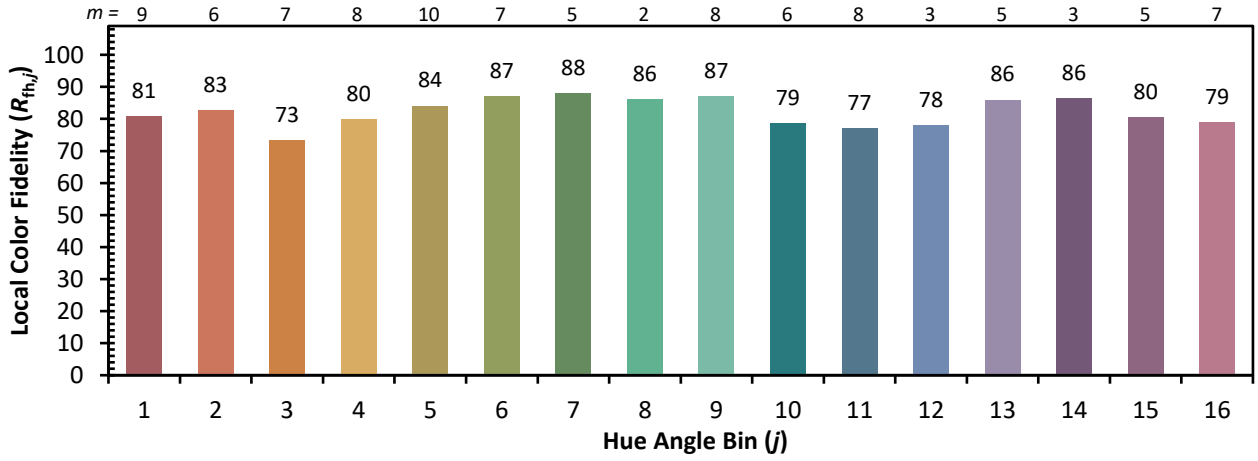
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



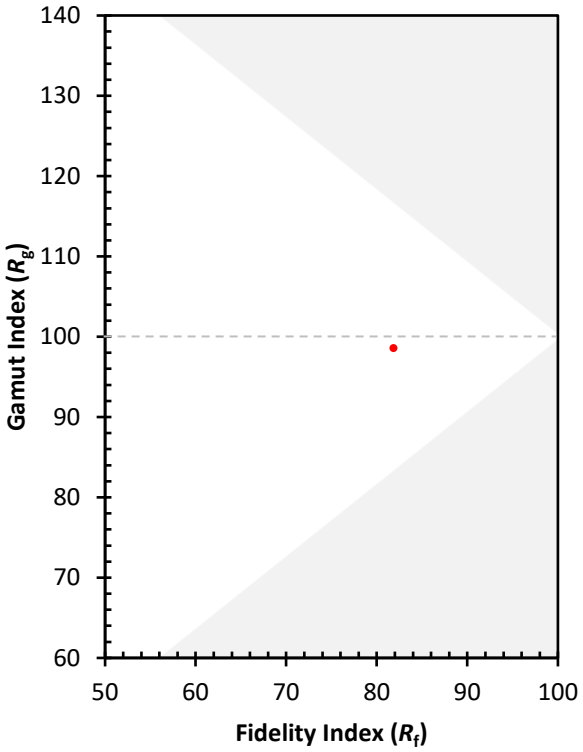


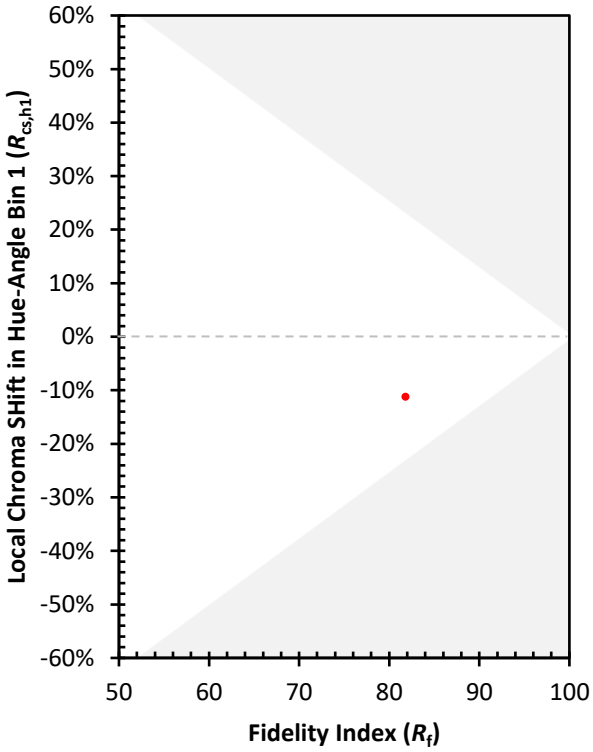


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





(END OF REPORT)