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: P1457246

Luminaire Tested: GLAN-SB4D-835-U-T4LG

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:	P1457246
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-835-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37033 lumens
Efficiency:	N/A
Efficacy:	126.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	293.6
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: P1457246
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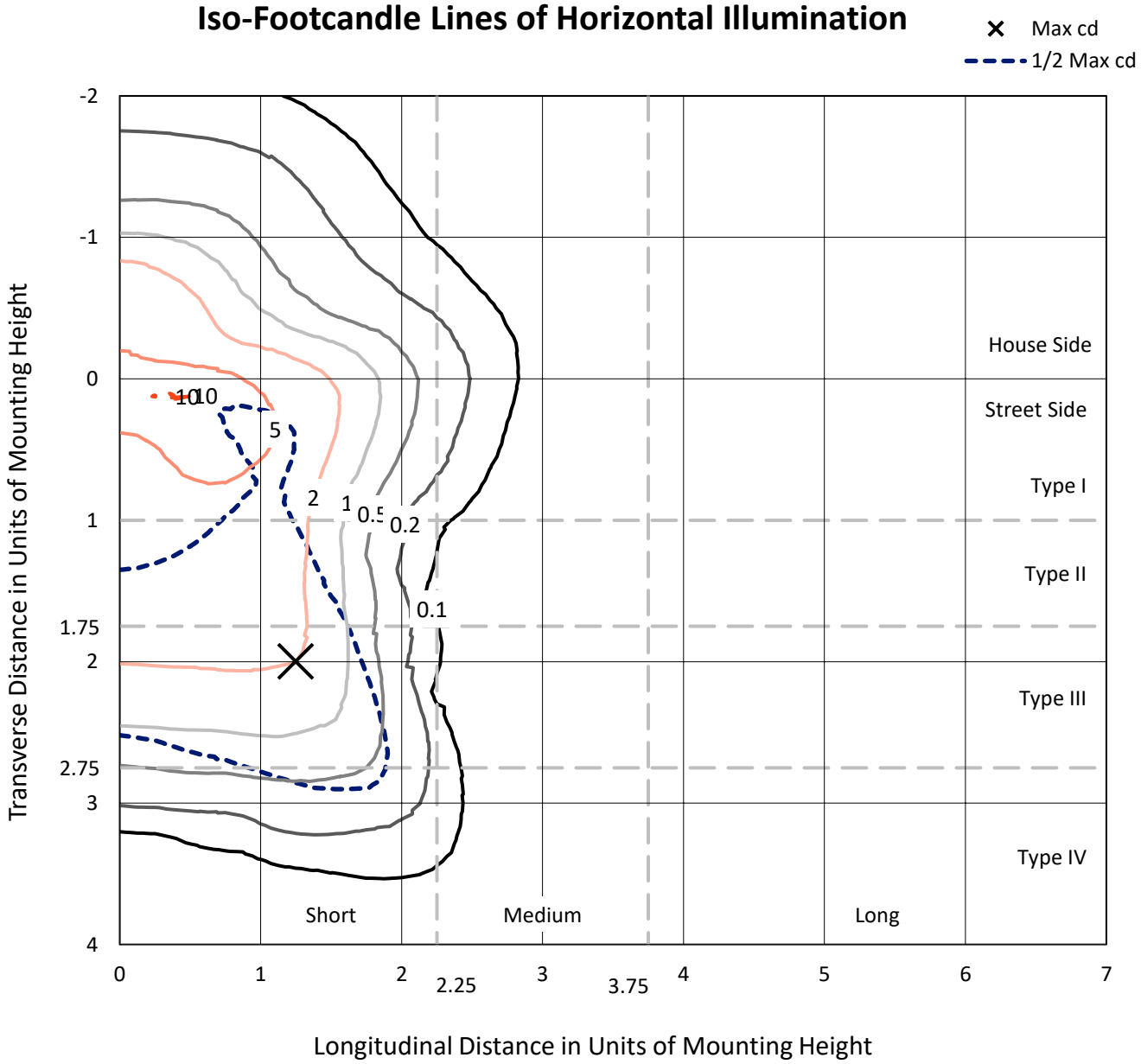
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Short - N/A

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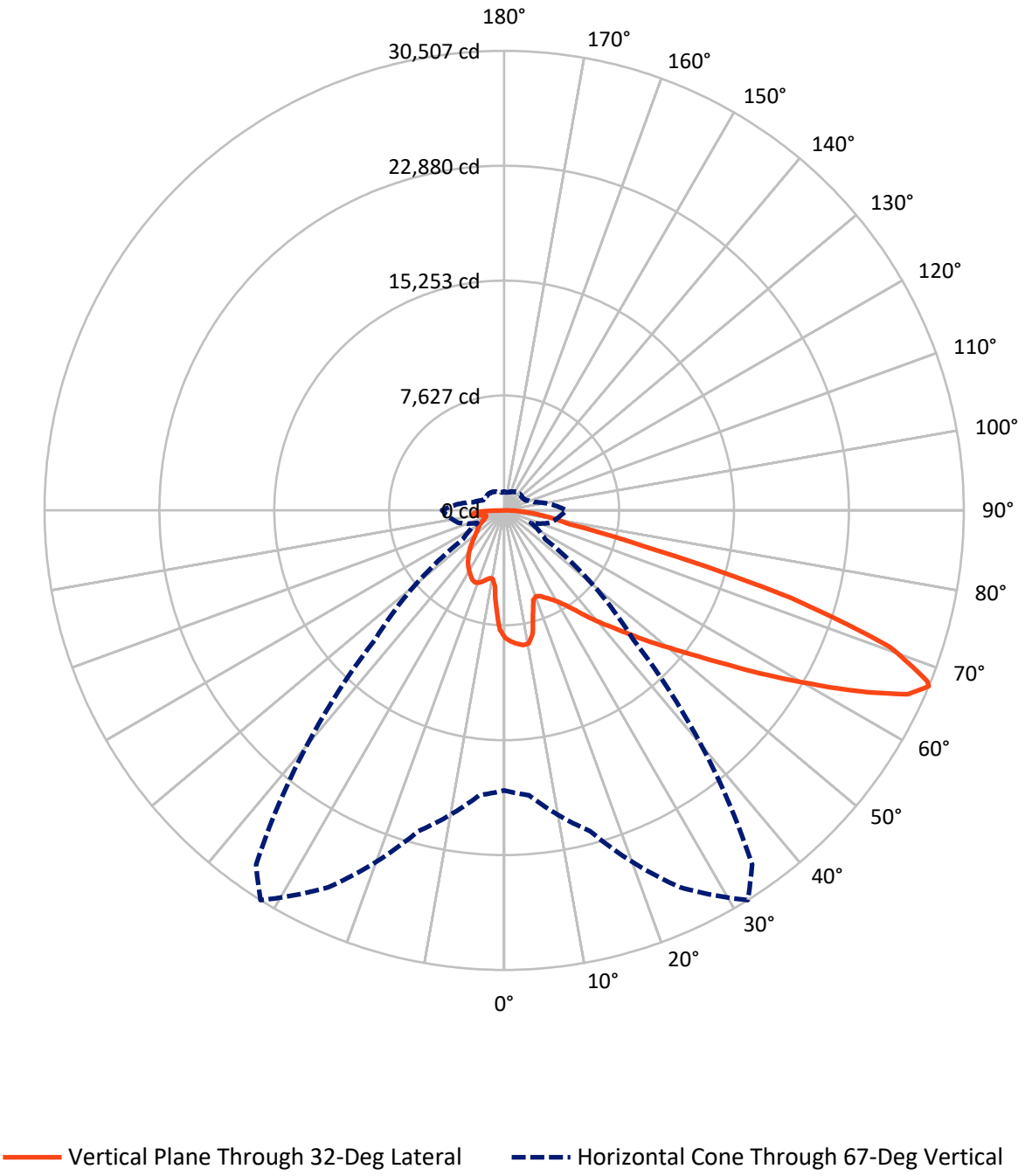
Luminous Intensity Polar Plot



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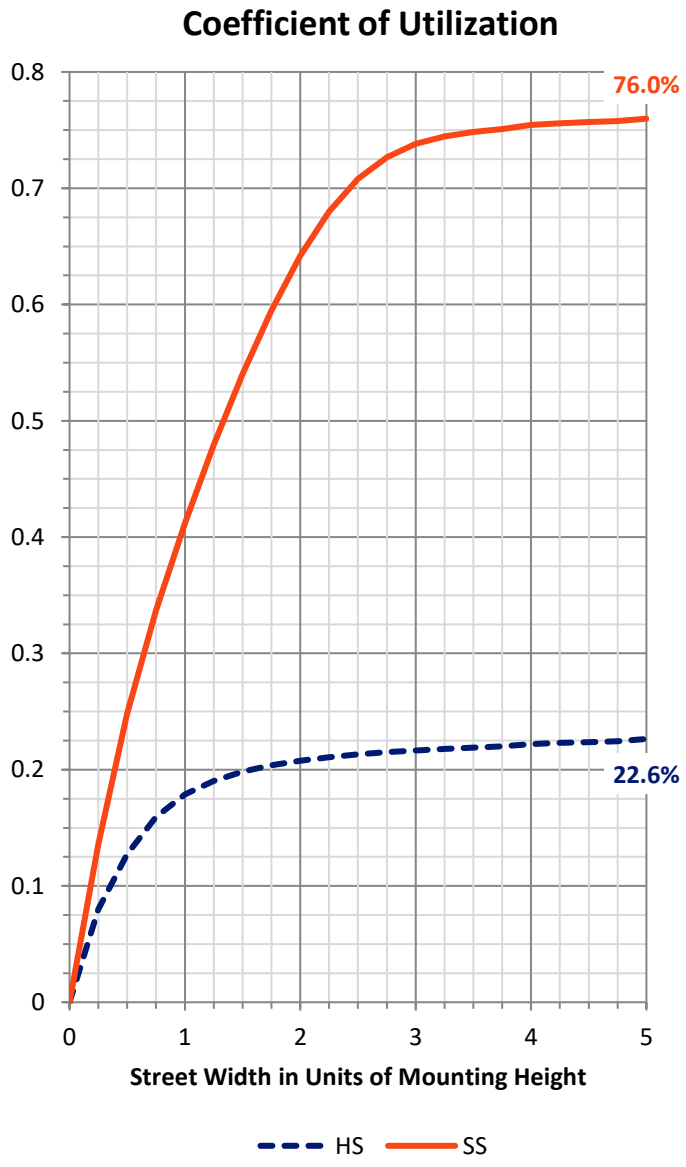
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8767.4	0.0	8767.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	28265.6	0.0	28265.6
	% Fixture	76.3	0.0	76.3
Total	Lumens	37033.0	0.0	37033.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	739.3	2.0
10°-20°	1962.9	5.3
20°-30°	3205.6	8.7
30°-40°	4724.7	12.8
40°-50°	6515.6	17.6
50°-60°	8231.2	22.2
60°-70°	7966.3	21.5
70°-80°	2843.1	7.7
80°-90°	844.3	2.3
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°	37033.0	100.0
0°-180°	37033.0	100.0



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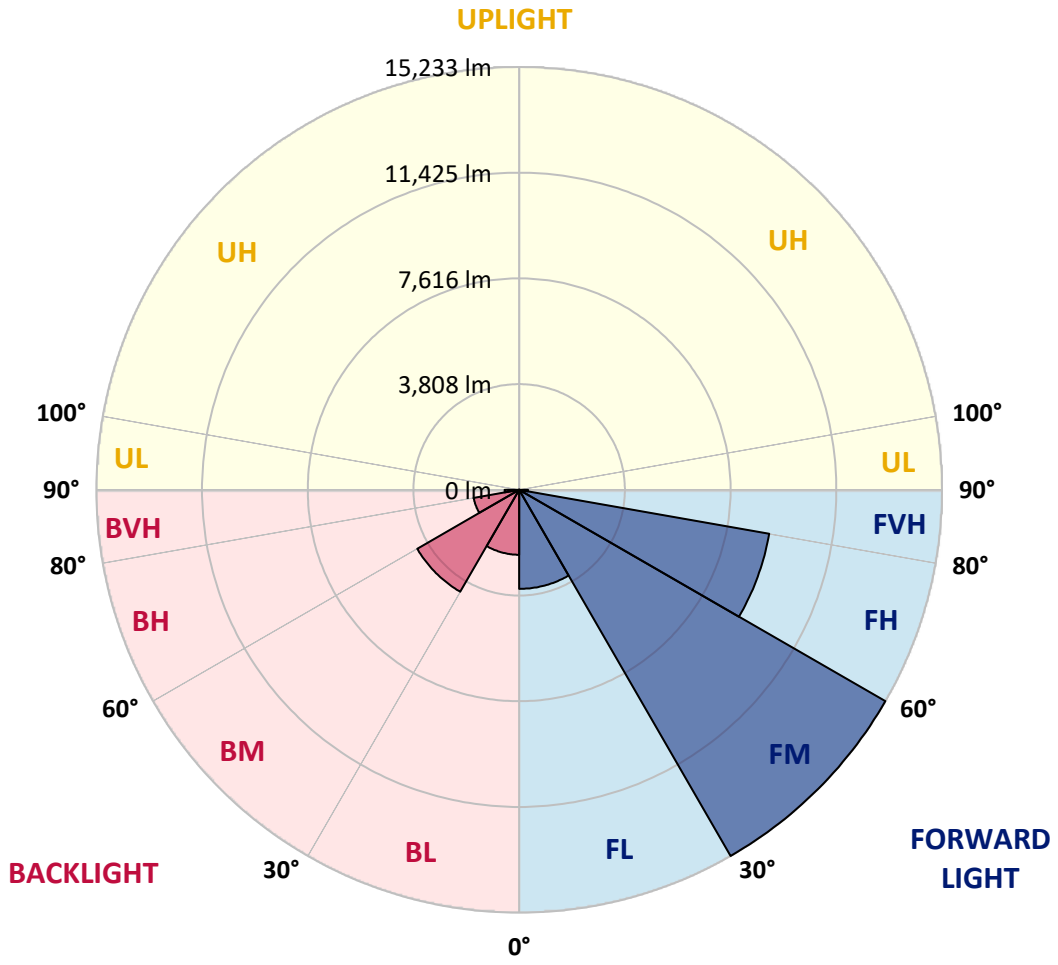
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3568.2	9.6			
FM	(30°-60°)	15232.8	41.1			
FH	(60°-80°)	9146.4	24.7			G4/12000
FVH	(80°-90°)	318.1	0.9			G3/500
BL	(0°-30°)	2339.6	6.3	B3/2500		
BM	(30°-60°)	4238.7	11.4	B3/5000		
BH	(60°-80°)	1663.0	4.5	B3/2500		G3/2500
BVH	(80°-90°)	526.1	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	8461.3	8461.3	8461.3	8461.3	*8461.3*	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3
2.5°	8782.0	8757.3	8732.7	8749.1	*8716.2*	8708.0	8666.9	8650.4	8601.1	8592.9	8502.4
5°	8962.9	8913.6	8905.3	8921.8	*8888.9*	8888.9	8856.0	8831.3	8757.3	8716.2	8584.6
7.5°	8962.9	8954.7	8971.1	9028.7	*9036.9*	9036.9	9036.9	9045.1	8971.1	8913.6	8708.0
10°	8453.1	8370.8	8551.7	8839.5	*8979.3*	9061.6	9209.6	9300.0	9242.5	9201.4	8921.8
12.5°	6931.9	6940.1	7227.9	7844.6	*8403.7*	8642.2	9258.9	9587.8	9612.5	9546.7	9193.1
15°	5879.3	5920.4	6068.5	6512.5	*7153.9*	7507.4	8971.1	9842.7	10040.1	9974.3	9522.0
17.5°	5558.6	5583.3	5649.1	5904.0	*6265.8*	6553.6	8189.9	10007.2	10558.1	10475.9	9892.1
20°	5509.3	5525.7	5608.0	5821.8	*6068.5*	6232.9	7392.3	9875.6	11043.3	11010.4	10229.2
22.5°	5517.5	5534.0	5640.9	5936.9	*6191.8*	6331.6	7137.4	9571.4	11553.1	11586.0	10574.6
25°	5534.0	5542.2	5706.6	6101.3	*6422.0*	6594.7	7301.9	9300.0	11980.7	12260.2	10952.8
27.5°	5624.4	5649.1	5871.1	6315.1	*6693.4*	6890.7	7688.4	9390.5	12449.4	13025.0	11405.1
30°	5871.1	5887.6	6158.9	6619.4	*7030.5*	7236.1	8148.8	9752.3	13025.0	13814.4	11849.1
32.5°	6257.6	6274.0	6586.5	7063.4	*7507.4*	7754.1	8749.1	10443.0	13666.4	14644.9	12293.1
35°	6792.1	6800.3	7153.9	7663.7	*8132.4*	8412.0	9448.0	11224.2	14332.4	15352.0	12622.1
37.5°	7425.2	7482.8	7844.6	8379.1	*8930.0*	9184.9	10270.3	12136.9	14924.4	15952.3	12811.2
40°	8296.8	8313.3	8666.9	9184.9	*9768.7*	10015.4	11092.6	13000.3	15574.1	16305.9	12983.9
42.5°	9193.1	9332.9	9628.9	10204.5	*10640.3*	10837.7	12030.0	13789.7	16092.1	16322.3	12909.9
45°	10393.7	10500.6	10796.6	11306.4	*11742.2*	11972.4	13041.4	14513.3	16355.2	16182.5	12745.4
47.5°	11766.9	11832.7	12071.1	12531.6	*13016.7*	13181.2	14093.9	14924.4	16453.9	16083.9	12671.4
50°	13386.8	13386.8	13559.5	13954.2	*14398.2*	14628.4	15064.2	15171.1	16741.7	15911.2	12860.5
52.5°	14751.8	14817.6	15047.8	15606.9	*16051.0*	16314.1	15820.7	15549.4	16157.9	14949.1	12918.1
55°	16059.2	16133.2	16651.2	17350.2	*18106.7*	18394.5	16766.4	15360.3	14192.6	13543.0	12523.4
57.5°	17309.1	17465.3	18114.9	19479.9	*20622.9*	20598.2	17966.9	13666.4	11586.0	11988.9	11660.0
60°	19052.3	19216.8	20252.8	21971.4	*23369.3*	22785.5	17983.3	11372.2	9028.7	9571.4	10040.1
62.5°	20507.8	20787.3	22308.6	25170.1	*26452.9*	25540.1	16495.0	8708.0	5994.4	6676.9	7762.4
65°	20376.2	20746.2	23106.2	27521.8	*29437.8*	28590.8	14316.0	5509.3	3091.8	4563.7	5435.3
67°	*18583.6*	*18986.5*	*22045.4*	*27604.1*	*30506.7*	*28697.7*	*12087.6*	*3330.2*	*1965.3*	*3165.8*	*3774.3*
67.5°	17555.8	18147.8	21519.2	27447.8	*30309.4*	28245.4	11084.4	2787.5	1850.1	2943.8	3437.1
70°	10796.6	11750.4	16149.6	24265.6	*27168.2*	23640.7	6158.9	1578.8	1504.8	1973.5	2376.4
72.5°	3248.0	3535.8	6232.9	15565.8	*19940.4*	17522.9	2771.1	1217.0	1348.5	1587.0	1833.7
75°	1578.8	1685.7	2573.7	6364.5	*9711.2*	9661.8	1545.9	1044.3	1249.9	1332.1	1447.2
77.5°	1011.4	1077.2	1603.5	3560.5	*4448.6*	3963.4	1118.3	912.7	1110.1	1093.6	1077.2
80°	633.2	666.0	1027.9	2063.9	*3280.9*	2738.2	822.3	748.3	953.8	847.0	764.7
82.5°	411.1	452.3	657.8	1258.1	*2343.5*	2039.3	542.7	534.5	789.4	674.3	592.0
85°	271.4	304.2	419.4	740.1	*1389.7*	1455.4	353.6	370.0	608.5	509.8	452.3
87.5°	98.7	123.3	213.8	328.9	*649.6*	805.8	148.0	139.8	296.0	238.5	189.1
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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Scaled Data Report

REPORT NUMBER: P1457246
CATALOG NUMBER: GLAN-SB4D-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3	8461.3
2.5°	8486.0	8461.3	8346.2	8247.5	8173.5	8074.8	7967.9	7844.6	7762.4	7778.8	7754.1
5°	8527.1	8461.3	8239.3	7902.1	7573.2	7162.1	6635.8	6323.4	6084.9	5961.6	5994.4
7.5°	8617.5	8502.4	8033.7	7351.2	6496.0	5657.3	5139.3	4843.3	4703.5	4645.9	4637.7
10°	8773.8	8576.4	7770.6	6496.0	5377.7	4810.4	4621.2	4539.0	4522.6	4522.6	4514.3
12.5°	8962.9	8650.4	7326.5	5665.5	4843.3	4637.7	4604.8	4613.0	4637.7	4662.3	4621.2
15°	9193.1	8683.3	6775.6	5163.9	4736.4	4687.0	4736.4	4793.9	4835.0	4867.9	4826.8
17.5°	9423.4	8650.4	6257.6	4925.5	4752.8	4818.6	4917.3	5007.7	5032.4	5081.7	5048.8
20°	9587.8	8535.3	5813.5	4835.0	4793.9	4941.9	5065.3	5163.9	5213.3	5246.2	5213.3
22.5°	9711.2	8387.3	5492.9	4744.6	4793.9	4974.8	5122.8	5237.9	5295.5	5328.4	5287.3
25°	9818.1	8181.7	5246.2	4613.0	4695.2	4867.9	5032.4	5147.5	5229.7	5279.1	5254.4
27.5°	9949.6	8017.3	5015.9	4415.7	4489.7	4654.1	4826.8	4966.6	5122.8	5205.1	5188.6
30°	10097.6	7935.0	4793.9	4201.9	4251.2	4415.7	4621.2	4810.4	5024.2	5131.0	5131.0
32.5°	10270.3	7877.5	4588.3	3996.3	4037.4	4218.3	4415.7	4588.3	4818.6	4991.3	4983.0
35°	10344.3	7811.7	4423.9	3807.2	3889.4	4037.4	4193.6	4308.8	4547.2	4752.8	4769.2
37.5°	10418.3	7787.0	4341.7	3659.2	3724.9	3840.1	3922.3	3979.9	4201.9	4415.7	4423.9
40°	10508.8	7902.1	4399.2	3560.5	3502.9	3618.0	3659.2	3692.1	3807.2	3947.0	3947.0
42.5°	10451.2	7984.4	4530.8	3470.0	3231.6	3363.1	3379.6	3371.4	3379.6	3387.8	3379.6
45°	10303.2	7902.1	4530.8	3330.2	2943.8	3083.6	3075.3	3034.2	2968.4	2795.8	2771.1
47.5°	10270.3	7852.8	4358.1	3100.0	2656.0	2771.1	2787.5	2705.3	2516.2	2335.3	2277.7
50°	10410.1	7943.3	4086.7	2820.4	2409.3	2508.0	2549.1	2409.3	2195.5	2006.4	1973.5
52.5°	10615.7	8058.4	3692.1	2516.2	2203.7	2302.4	2351.7	2195.5	1973.5	1825.5	1809.0
55°	10591.0	8058.4	3248.0	2236.6	2047.5	2121.5	2203.7	2039.3	1866.6	1784.4	1776.1
57.5°	10056.5	7754.1	2919.1	2039.3	1899.5	1965.3	2072.2	1915.9	1751.5	1767.9	1792.6
60°	9012.2	6964.7	2672.4	1907.7	1767.9	1833.7	1948.8	1767.9	1554.1	1496.6	1496.6
62.5°	7425.2	5739.5	2475.1	1776.1	1644.6	1726.8	1784.4	1545.9	1406.1	1340.3	1340.3
65°	5566.9	4440.3	2269.5	1669.2	1537.7	1628.1	1562.3	1447.2	1307.4	1258.1	1266.3
67°	*4127.9*	*3445.4*	*2096.8*	*1578.8*	*1471.9*	*1513.0*	*1463.7*	*1381.4*	*1241.6*	*1200.5*	*1241.6*
67.5°	3708.5	3272.7	2055.7	1554.1	1455.4	1488.3	1439.0	1373.2	1225.2	1184.1	1225.2
70°	2549.1	2516.2	1833.7	1439.0	1365.0	1332.1	1356.8	1274.5	1151.2	1134.8	1175.9
72.5°	1940.6	2006.4	1644.6	1340.3	1266.3	1225.2	1282.8	1200.5	1077.2	1101.9	1143.0
75°	1521.2	1619.9	1471.9	1200.5	1151.2	1159.4	1274.5	1241.6	1143.0	1167.6	1175.9
77.5°	1126.5	1307.4	1258.1	1044.3	1003.2	1118.3	1439.0	1537.7	1365.0	1323.9	1266.3
80°	822.3	937.4	1060.7	863.4	838.7	1077.2	1776.1	1965.3	1685.7	1521.2	1480.1
82.5°	608.5	657.8	871.6	690.7	608.5	962.1	1973.5	2310.6	2006.4	1693.9	1644.6
85°	435.8	509.8	690.7	509.8	402.9	789.4	1932.4	2261.3	1989.9	1603.5	1562.3
87.5°	156.2	222.0	296.0	230.2	205.6	542.7	1595.2	1628.1	1241.6	567.4	575.6
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

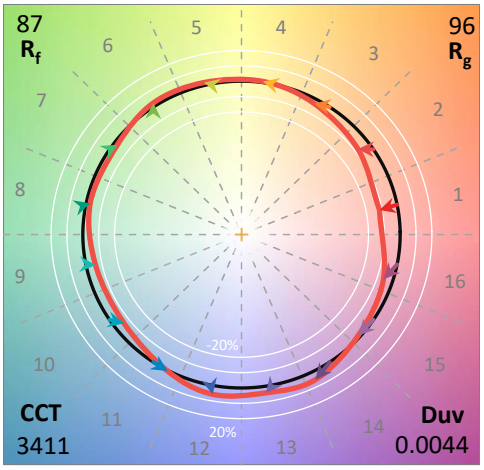
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

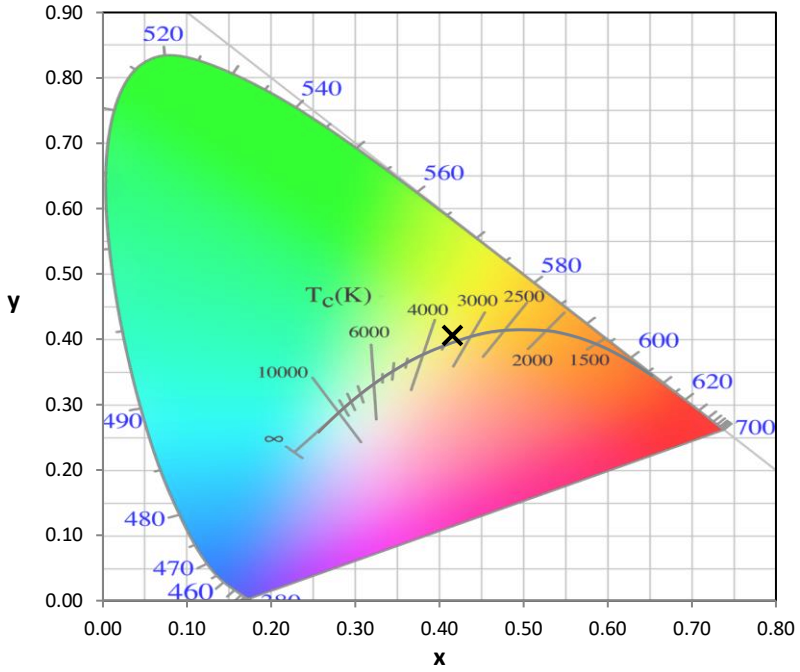
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

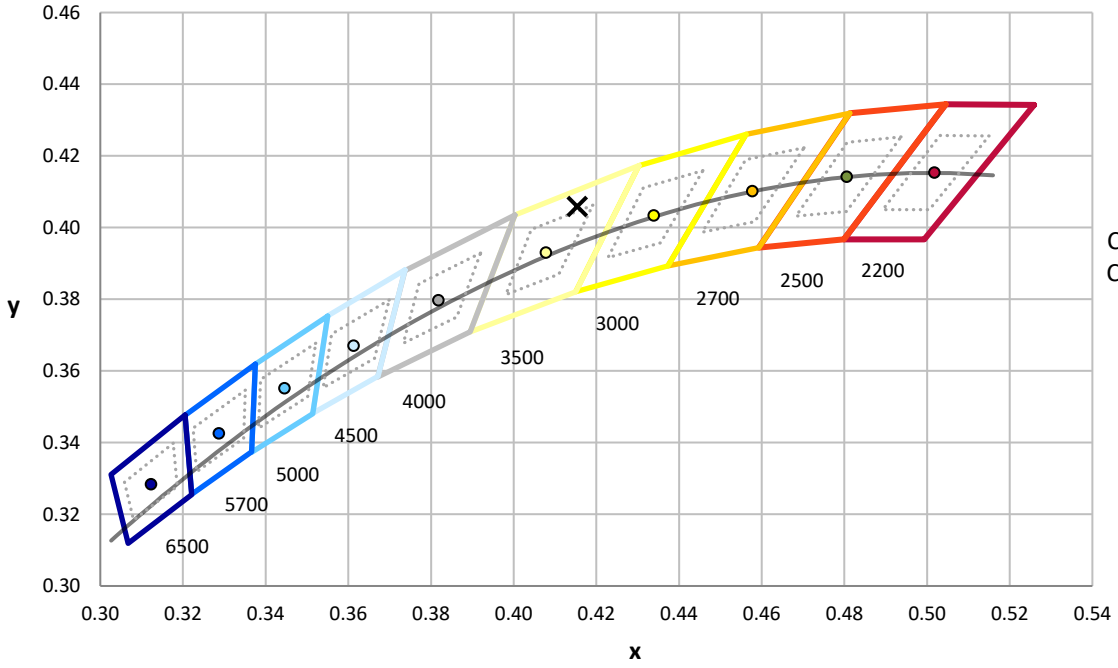
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

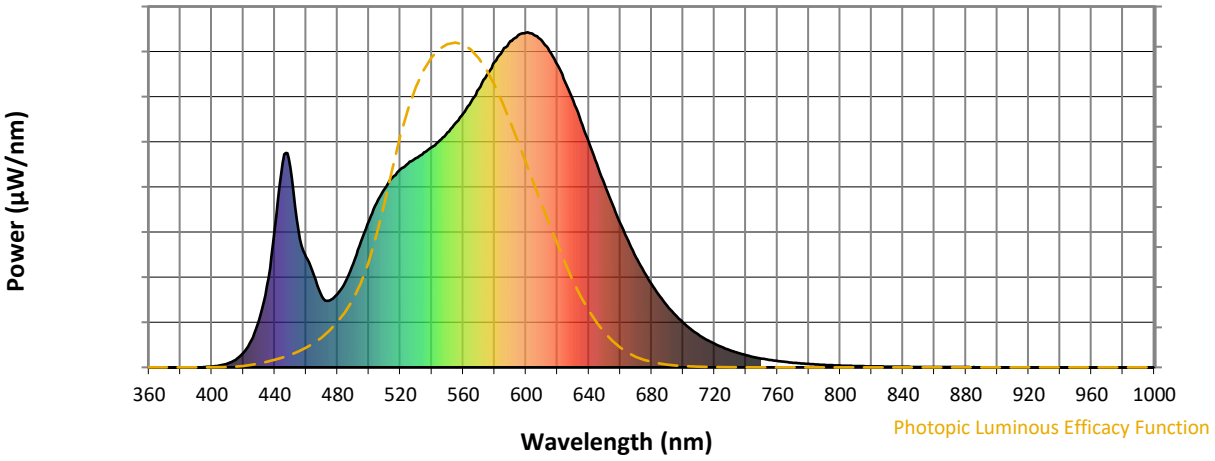


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

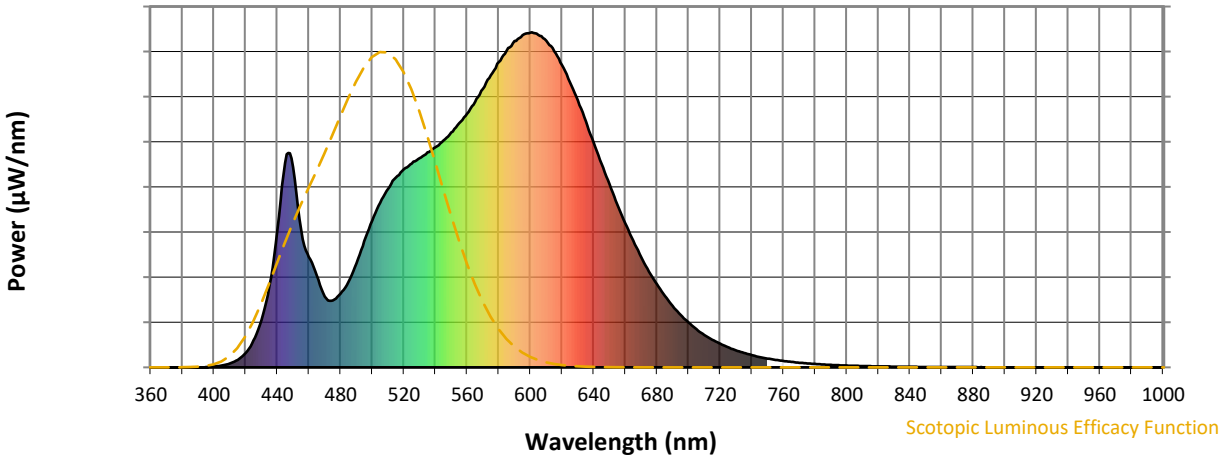


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

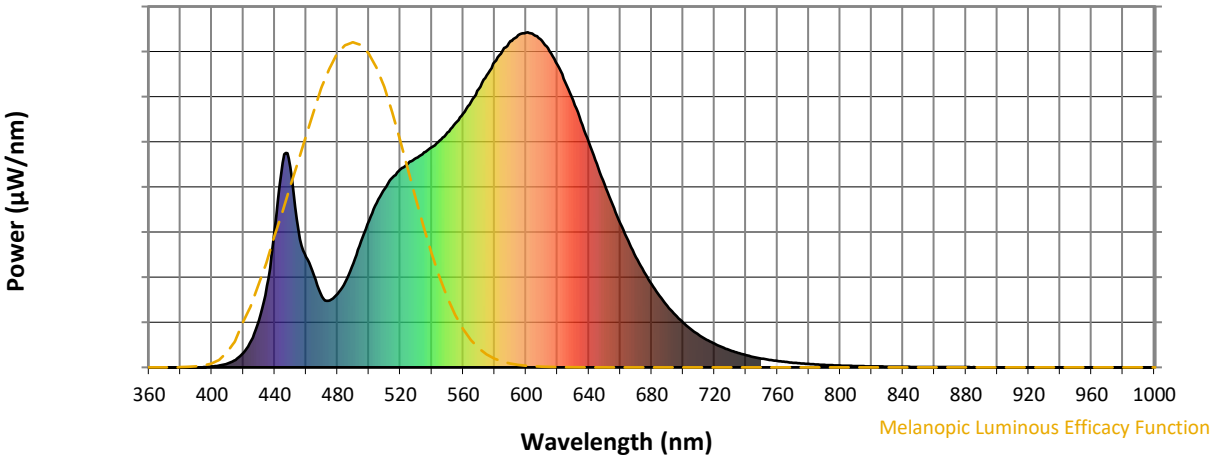


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

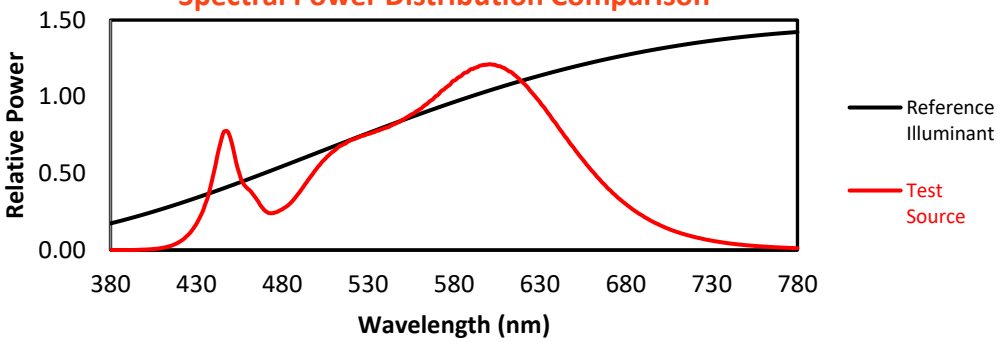
REPORT NUMBER: SP1-2407-184-10

TM-30-18

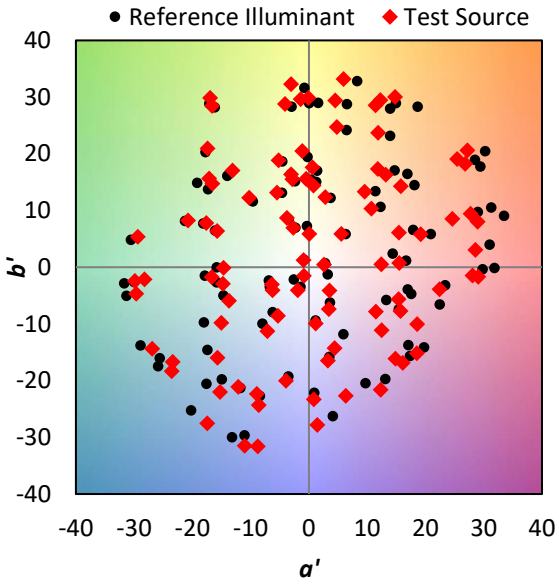
Summary

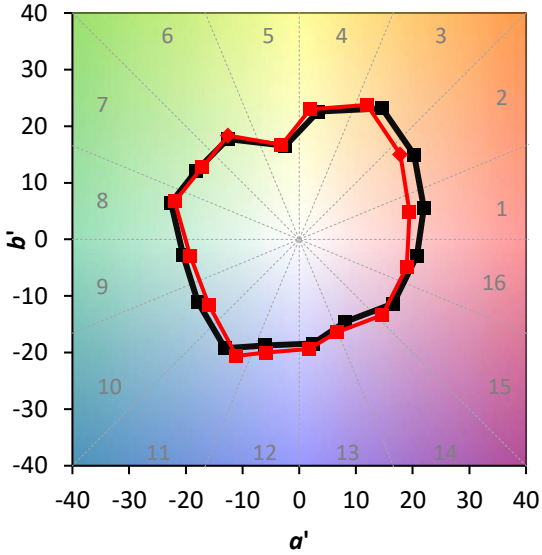
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

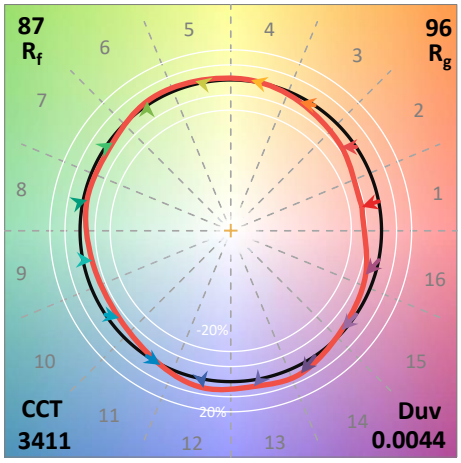
Spectral Power Distribution Comparison

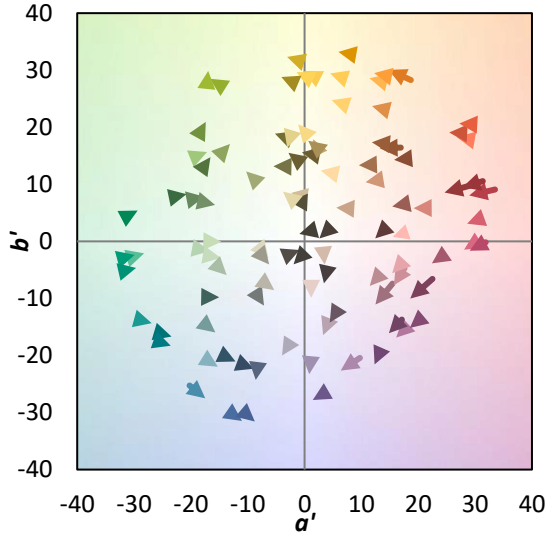


Color Vector Graphics







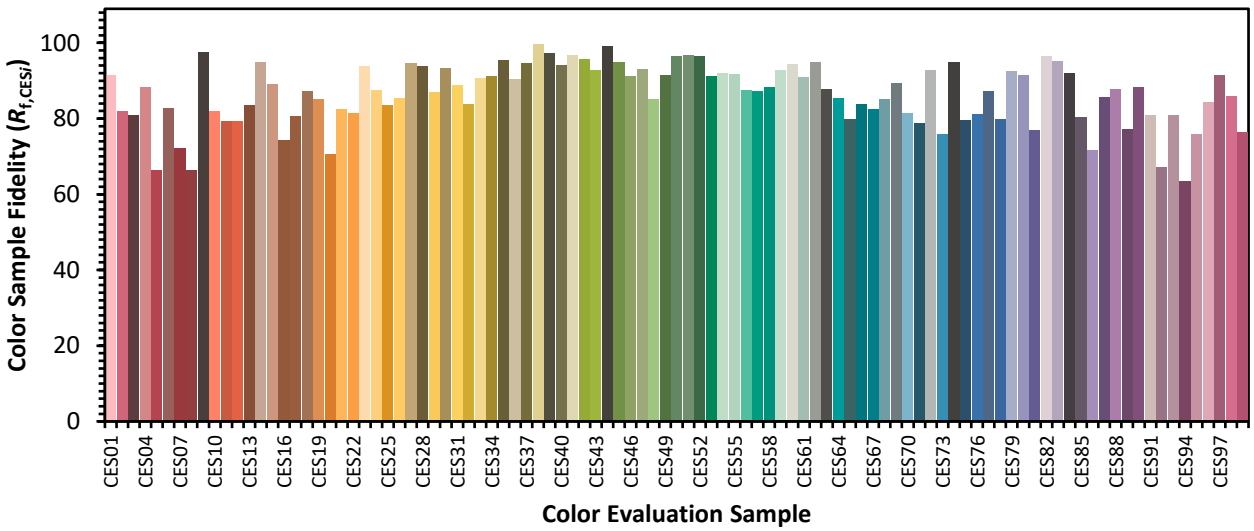


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

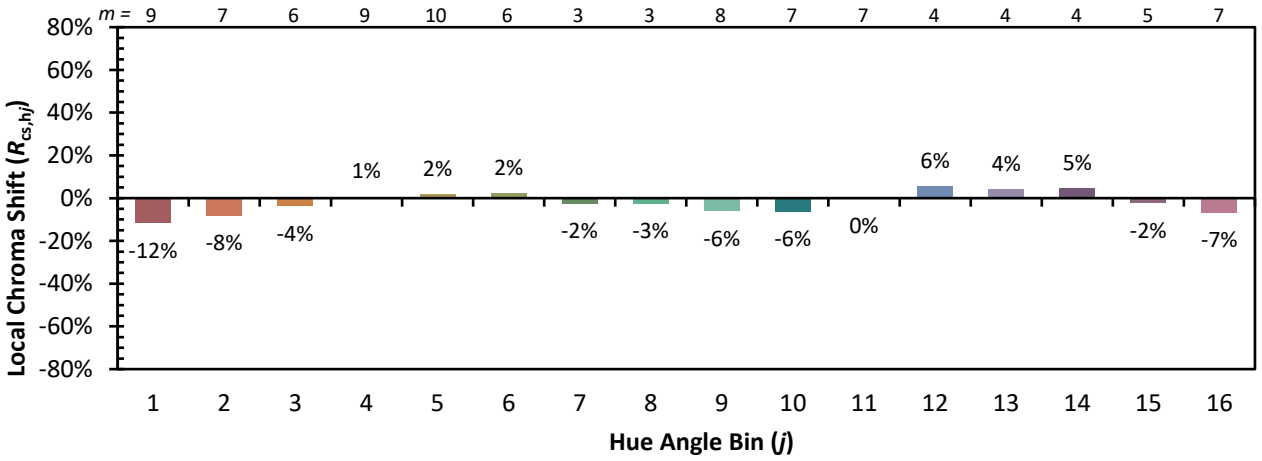
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

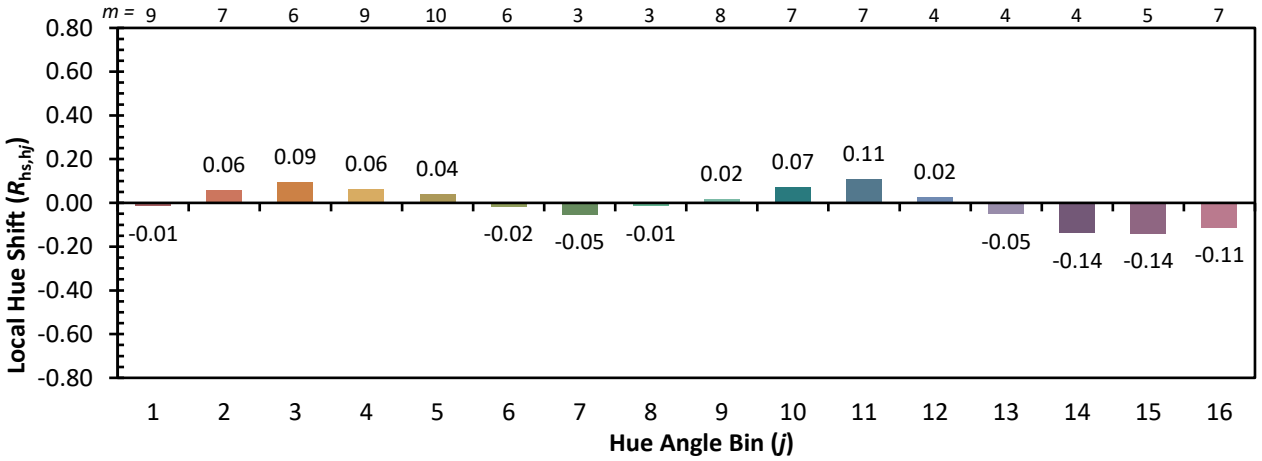


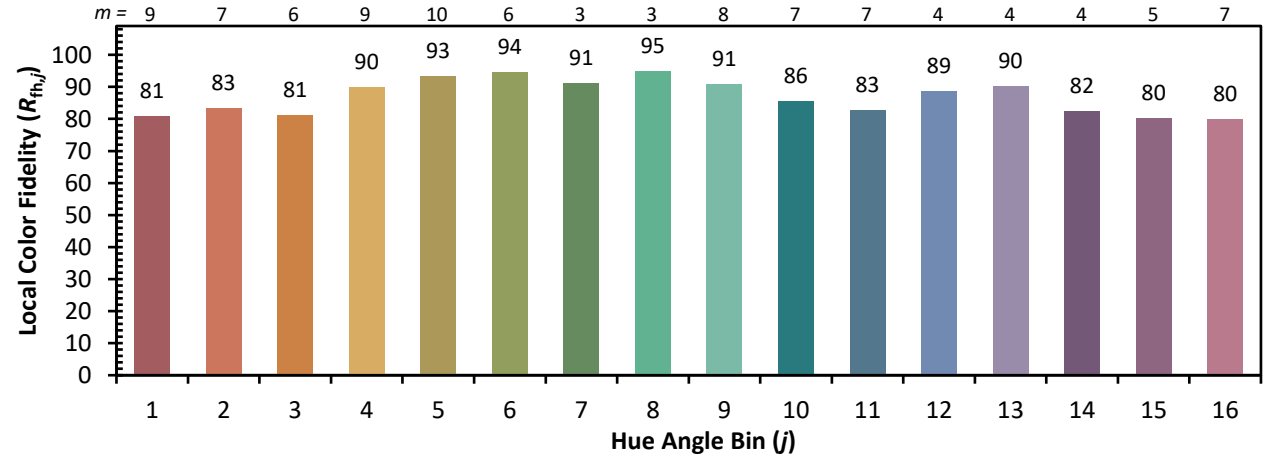
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



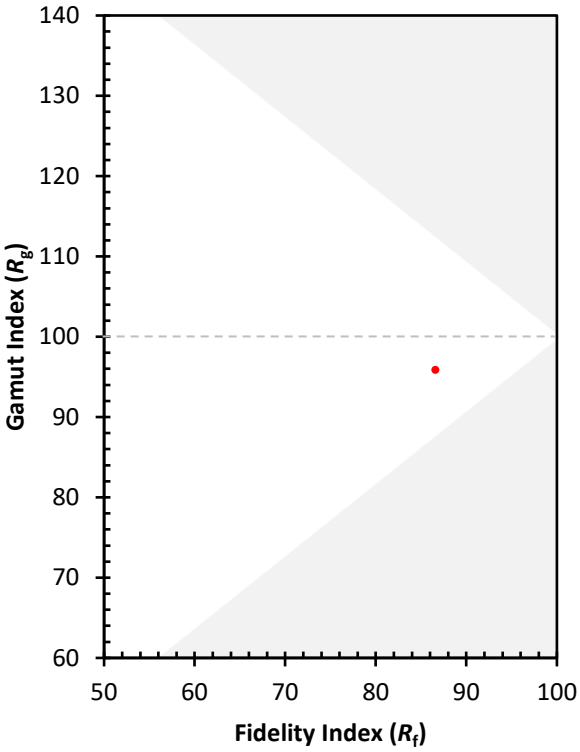


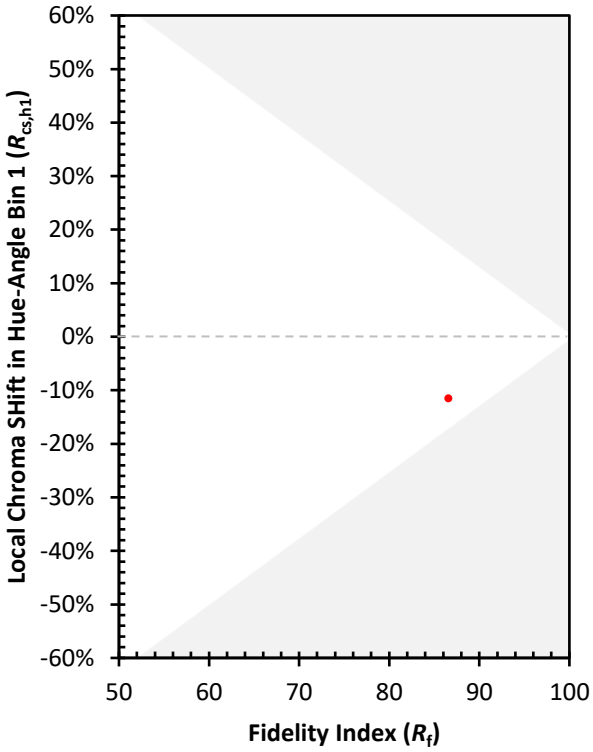


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





(END OF REPORT)