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: P1456308

Luminaire Tested: GLAN-SB4B-940-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:	P1456308
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-940-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15822.4 lumens
Efficiency:	N/A
Efficacy:	107.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147
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: P1456308
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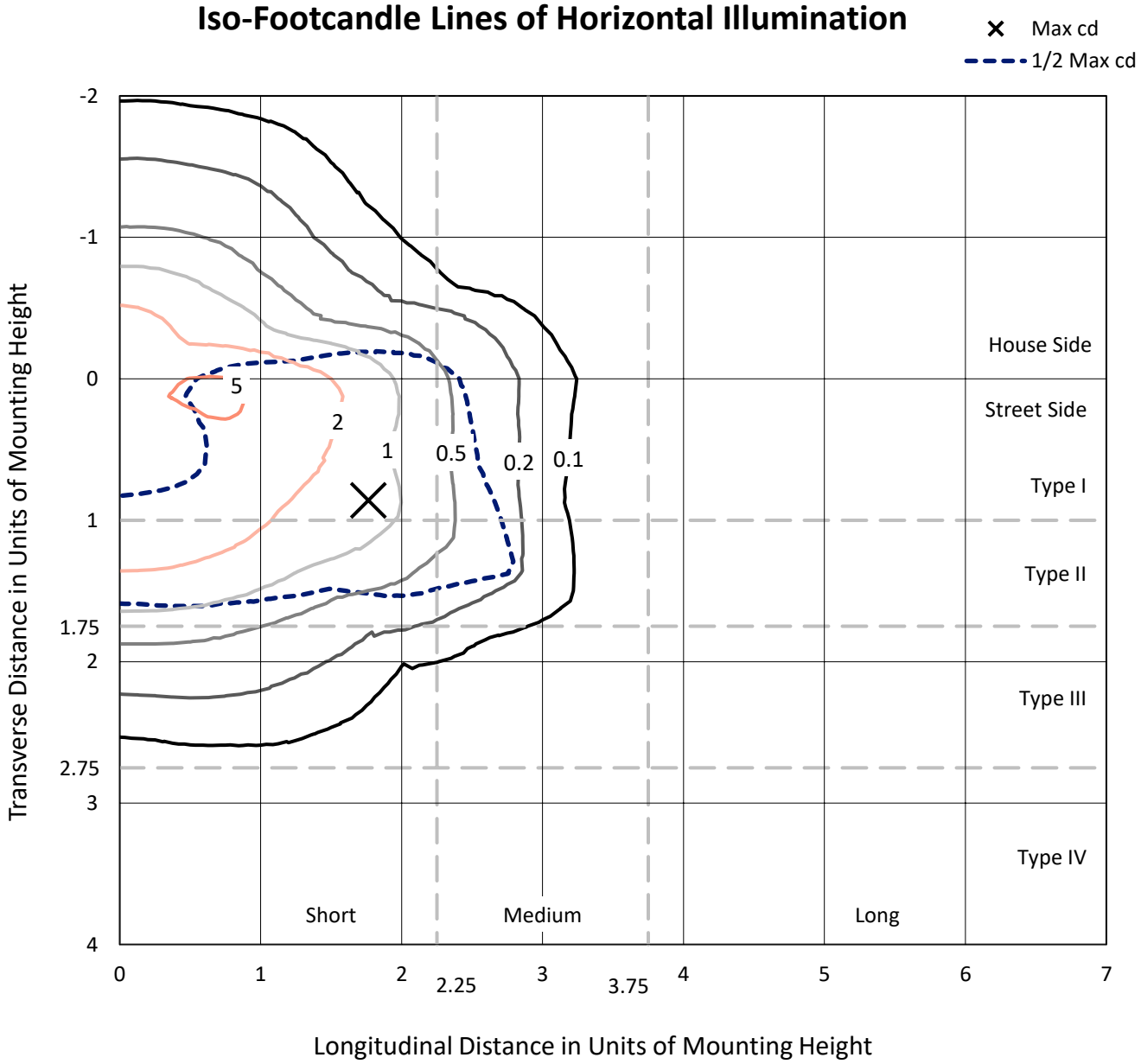
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
Type II - Short - N/A

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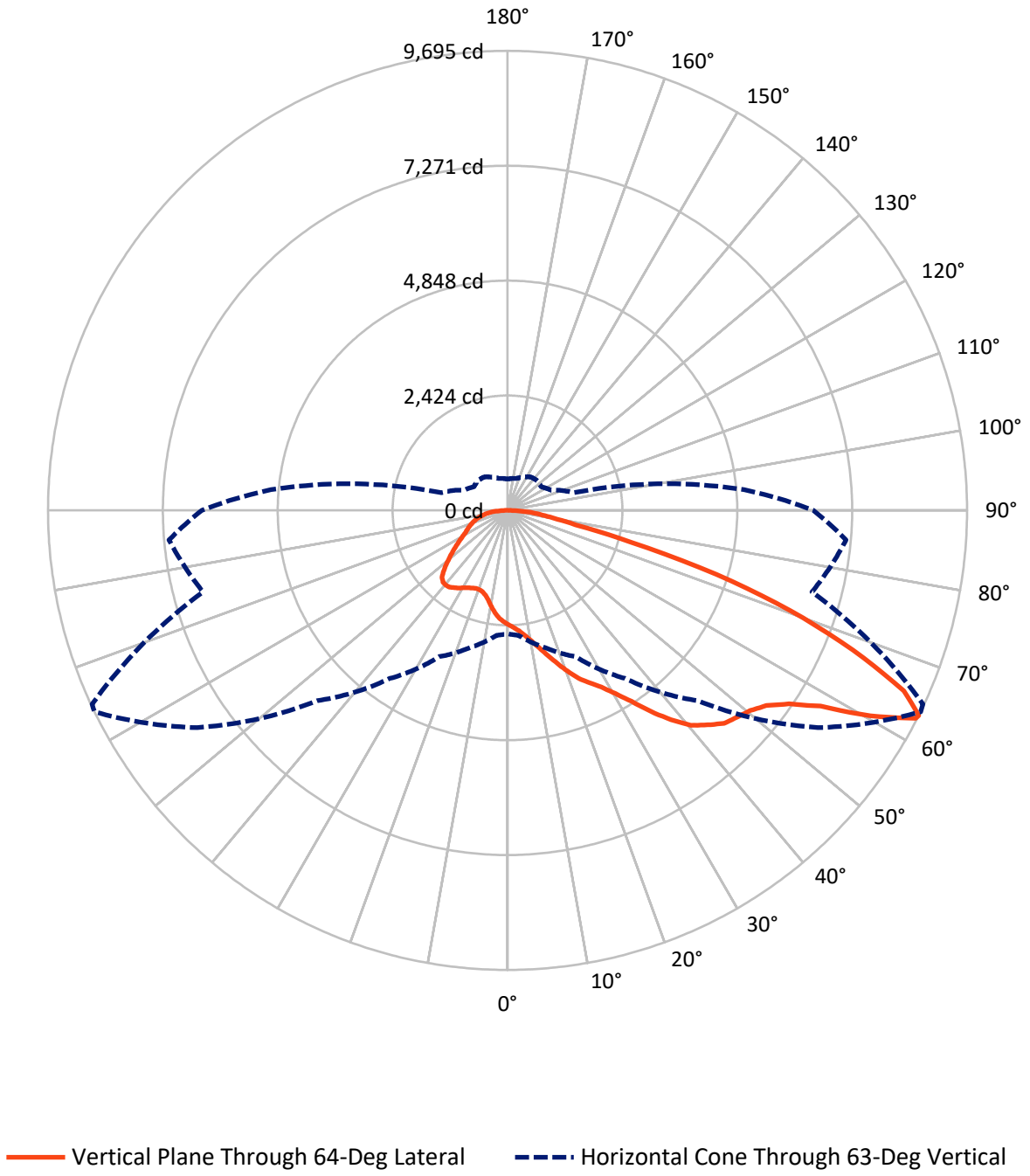
Luminous Intensity Polar Plot



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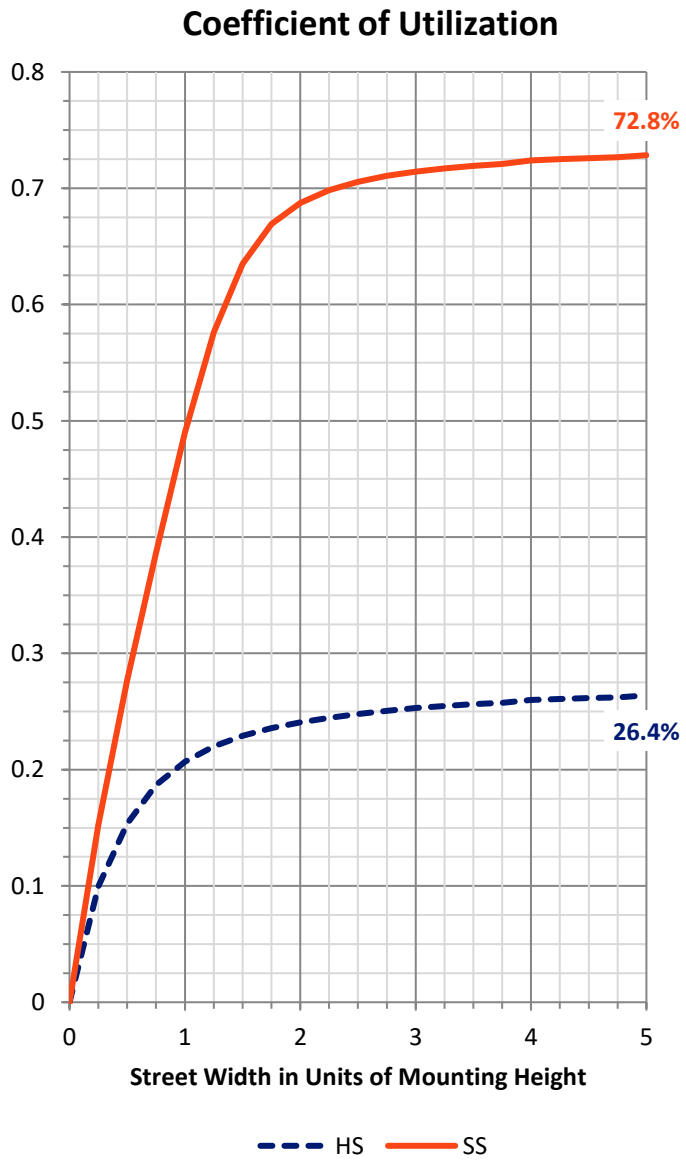
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4251.0	0.0	4251.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11571.4	0.0	11571.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	15822.4	0.0	15822.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.2	1.4
10°-20°	681.1	4.3
20°-30°	1245.4	7.9
30°-40°	2142.4	13.5
40°-50°	3159.4	20.0
50°-60°	3786.7	23.9
60°-70°	3039.2	19.2
70°-80°	1221.2	7.7
80°-90°	325.6	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°	15822.4	100.0
0°-180°	15822.4	100.0



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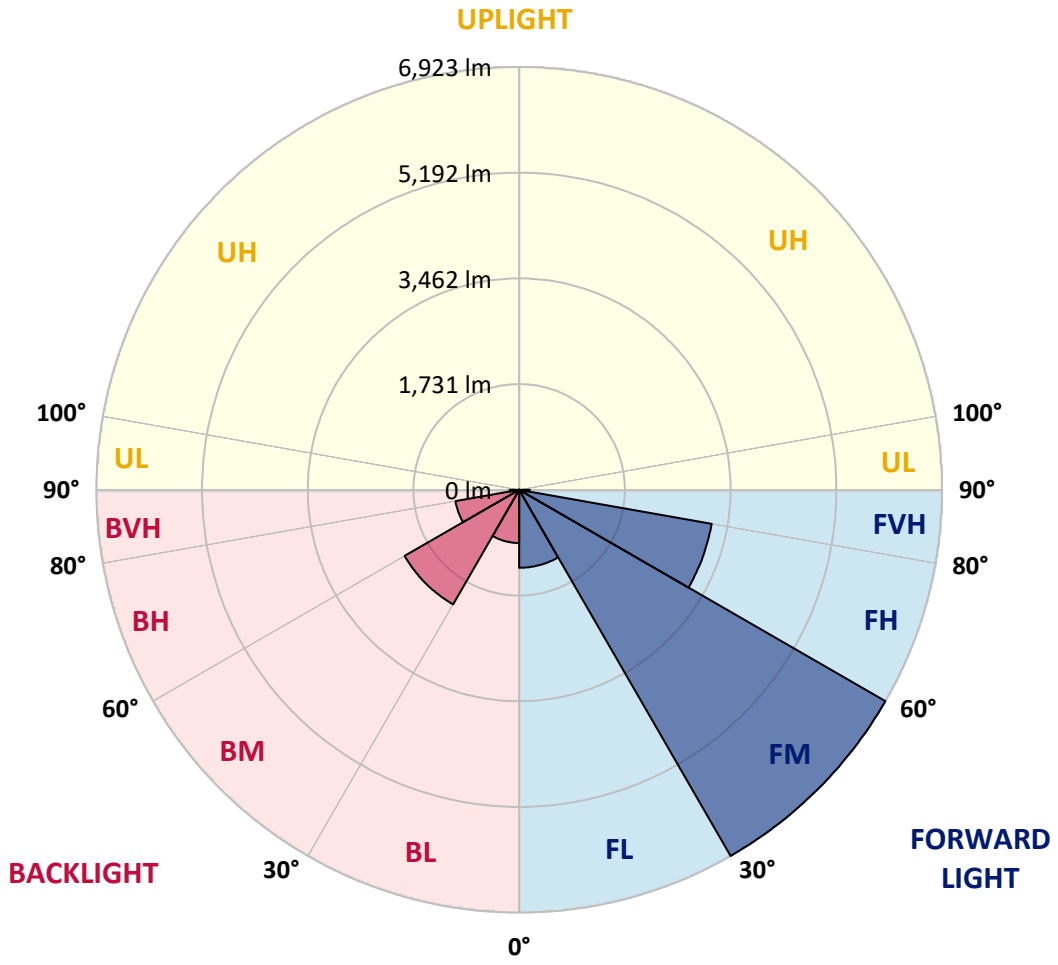
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1276.6	8.1			
FM	(30°-60°)	6923.1	43.8			
FH	(60°-80°)	3200.6	20.2			G2/5000
FVH	(80°-90°)	171.1	1.1			G2/225
BL	(0°-30°)	871.2	5.5	B2/1000		
BM	(30°-60°)	2165.4	13.7	B2/2500		
BH	(60°-80°)	1059.9	6.7	B3/2500		G3/2500
BVH	(80°-90°)	154.6	1.0			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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REPORT NUMBER: P1456308
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	*2409.6*	2409.6	2409.6	2409.6
2.5°	2509.1	2512.6	2502.0	2498.4	2505.5	2491.3	2487.8	*2473.5*	2466.4	2452.2	2434.4
5°	2580.2	2583.7	2576.6	2576.6	2583.7	2573.1	2569.5	*2555.3*	2548.2	2534.0	2498.4
7.5°	2576.6	2580.2	2587.3	2615.7	2651.2	2665.5	2676.1	*2665.5*	2661.9	2640.6	2605.0
10°	2519.7	2523.3	2541.1	2583.7	2672.6	2736.5	2804.1	*2804.1*	2811.2	2793.4	2729.4
12.5°	2441.6	2445.1	2487.8	2555.3	2672.6	2782.7	2921.3	*2978.2*	2974.6	2964.0	2889.4
15°	2253.2	2253.2	2317.2	2445.1	2633.5	2814.7	3020.8	*3173.7*	3177.2	3187.9	3099.0
17.5°	2093.3	2096.8	2150.1	2263.9	2509.1	2797.0	3127.5	*3390.5*	3401.1	3461.5	3333.6
20°	2107.5	2107.5	2125.3	2175.0	2374.0	2725.9	3187.9	*3621.5*	3657.0	3799.2	3639.2
22.5°	2217.7	2217.7	2231.9	2228.3	2349.2	2679.7	3227.0	*3852.5*	3916.4	4211.4	4005.3
25°	2420.2	2416.7	2402.5	2381.1	2452.2	2729.4	3315.8	*4030.2*	4154.6	4666.3	4428.2
27.5°	2669.0	2661.9	2640.6	2605.0	2654.8	2878.7	3468.6	*4218.5*	4353.6	5163.9	4876.0
30°	2978.2	2956.9	2935.6	2889.4	2942.7	3123.9	3696.1	*4485.1*	4613.0	5729.0	5416.2
32.5°	3344.3	3369.1	3298.1	3234.1	3290.9	3458.0	4033.7	*4801.4*	4940.0	6318.9	5977.7
35°	3891.6	3966.2	3944.9	3621.5	3674.8	3859.6	4428.2	*5210.1*	5334.5	6855.6	6553.5
37.5°	4431.8	4414.0	4431.8	4161.7	4076.4	4300.3	4851.1	*5601.0*	5721.8	7292.7	7061.7
40°	4865.3	4918.7	4918.7	4698.3	4588.1	4737.4	5235.0	*5960.0*	6077.2	7534.4	7427.7
42.5°	5338.0	5345.1	5330.9	5139.0	5096.4	5135.4	5572.6	*6187.4*	6283.4	7658.7	7676.5
45°	5871.1	5867.6	5807.1	5647.2	5583.2	5547.7	5782.3	*6407.8*	6503.7	7715.6	7811.6
47.5°	6311.8	6329.6	6333.1	6162.5	6055.9	5903.1	5963.5	*6517.9*	6628.1	7651.6	7840.0
50°	6336.7	6365.1	6500.2	6549.9	6528.6	6283.4	6130.5	*6635.2*	6745.4	7665.8	7943.1
52.5°	6180.3	6208.7	6382.9	6589.0	6837.8	6720.5	6393.5	*6837.8*	6951.5	7804.5	8177.6
55°	5760.9	5807.1	6066.6	6354.4	6798.7	6965.7	6859.1	*7203.8*	7310.5	7914.6	8451.3
57.5°	5014.6	5071.5	5430.4	5888.9	6496.6	6908.9	7534.4	*7790.2*	7879.1	7992.8	8454.8
60°	3749.4	3795.6	4357.1	4975.5	5888.9	6553.5	7935.9	*8796.0*	8845.8	7569.9	7975.0
62.5°	2761.4	2807.6	3184.3	3628.6	4627.2	5899.5	8014.1	*9666.7*	9673.8	6805.8	7314.0
63°	*2601.5*	*2647.7*	*2988.9*	*3404.7*	*4328.7*	*5679.2*	*7989.3*	*9695.1*	*9670.3*	*6649.4*	*7168.3*
65°	2025.7	2107.5	2462.9	2779.2	3244.7	4520.6	7669.4	*9190.5*	9226.0	6187.4	6436.2
67.5°	1378.9	1439.3	1890.7	2256.8	2452.2	2878.7	6290.5	*7864.9*	7921.7	5707.6	5135.4
70°	1066.2	1094.6	1357.6	1787.6	1983.1	1830.3	4101.2	*6333.1*	6333.1	4456.6	3639.2
72.5°	835.2	845.8	1023.5	1396.7	1595.7	1407.4	2285.2	*4605.9*	4435.3	2644.1	2427.3
75°	597.1	611.3	771.2	1041.3	1272.3	1108.8	1460.7	*2683.2*	2580.2	1521.1	1620.6
77.5°	472.7	479.8	575.7	767.7	1030.6	845.8	1112.4	*1464.2*	1450.0	1069.7	1041.3
80°	373.2	387.4	451.4	550.9	796.1	661.0	828.1	*966.7*	938.2	735.7	668.1
82.5°	266.5	291.4	348.3	419.4	590.0	472.7	543.8	*682.4*	682.4	554.4	440.7
85°	163.5	184.8	206.1	259.4	419.4	305.6	287.9	*440.7*	451.4	415.8	284.3
87.5°	78.2	85.3	99.5	110.2	152.8	138.6	113.7	*167.0*	170.6	184.8	117.3
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: P1456308
CATALOG NUMBER: GLAN-SB4B-940-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6	2409.6
2.5°	2430.9	2423.8	2388.2	2352.7	2313.6	2278.1	2242.5	2214.1	2182.1	2189.2	2192.8
5°	2477.1	2459.3	2381.1	2288.7	2167.9	2054.2	1944.0	1865.8	1816.1	1801.8	1773.4
7.5°	2576.6	2534.0	2391.8	2196.3	1972.4	1794.7	1691.7	1645.5	1631.3	1634.8	1627.7
10°	2690.3	2626.4	2406.0	2086.2	1801.8	1681.0	1666.8	1695.2	1709.4	1723.7	1727.2
12.5°	2839.6	2736.5	2398.9	1965.3	1720.1	1698.8	1752.1	1805.4	1837.4	1858.7	1855.2
15°	3013.7	2875.1	2377.6	1865.8	1709.4	1766.3	1833.8	1894.3	1933.3	1954.7	1944.0
17.5°	3223.4	3038.6	2352.7	1801.8	1741.4	1809.0	1880.0	1940.5	1983.1	1997.3	1986.7
20°	3482.9	3223.4	2310.1	1773.4	1766.3	1826.7	1890.7	1947.6	1983.1	1997.3	1983.1
22.5°	3788.5	3443.8	2274.5	1773.4	1777.0	1826.7	1872.9	1915.6	1947.6	1958.2	1940.5
25°	4179.4	3699.7	2260.3	1801.8	1780.5	1809.0	1833.8	1858.7	1876.5	1883.6	1876.5
27.5°	4577.5	3994.6	2267.4	1837.4	1777.0	1784.1	1784.1	1787.6	1791.2	1794.7	1791.2
30°	5035.9	4293.2	2295.8	1883.6	1784.1	1748.5	1737.9	1716.6	1698.8	1684.6	1670.4
32.5°	5480.2	4577.5	2345.6	1951.1	1777.0	1709.4	1688.1	1634.8	1585.1	1542.4	1542.4
35°	5960.0	4872.5	2434.4	2000.9	1769.9	1673.9	1613.5	1553.1	1499.8	1439.3	1439.3
37.5°	6372.2	5124.8	2505.5	2057.7	1762.8	1631.3	1535.3	1467.8	1410.9	1350.5	1343.4
40°	6660.1	5270.5	2548.2	2079.1	1737.9	1574.4	1460.7	1375.4	1293.6	1211.9	1208.3
42.5°	6798.7	5263.4	2523.3	2071.9	1691.7	1503.3	1396.7	1283.0	1172.8	1098.2	1091.1
45°	6873.3	5217.2	2427.3	2011.5	1617.0	1428.7	1315.0	1194.1	1084.0	1016.4	1002.2
47.5°	6859.1	5103.5	2295.8	1862.3	1517.5	1346.9	1233.2	1108.8	1020.0	980.9	980.9
50°	6898.2	5014.6	2146.6	1691.7	1382.5	1251.0	1158.6	1044.9	991.5	941.8	924.0
52.5°	7072.3	5089.2	2018.6	1531.7	1254.5	1158.6	1094.6	998.7	931.1	899.1	888.5
55°	7303.3	5249.2	1897.8	1389.6	1130.2	1076.8	1044.9	956.0	877.8	845.8	828.1
57.5°	7346.0	5359.3	1780.5	1251.0	1027.1	1012.9	1002.2	881.4	817.4	792.5	778.3
60°	7051.0	5277.6	1627.7	1126.6	945.3	952.5	924.0	835.2	760.5	735.7	721.4
62.5°	6549.9	5064.4	1474.9	1020.0	881.4	895.6	867.2	778.3	703.7	678.8	671.7
63°	*6450.4*	*5007.5*	*1439.3*	*1009.3*	*867.2*	*884.9*	*860.1*	*771.2*	*696.6*	*671.7*	*661.0*
65°	5856.9	4666.3	1315.0	952.5	821.0	821.0	824.5	735.7	671.7	661.0	653.9
67.5°	4776.5	3895.1	1179.9	884.9	771.2	781.9	799.6	749.9	725.0	717.9	710.8
70°	3610.8	2932.0	1062.6	821.0	717.9	753.4	874.3	852.9	760.5	696.6	682.4
72.5°	2558.8	1997.3	959.6	757.0	653.9	742.8	906.3	813.9	685.9	611.3	597.1
75°	1713.0	1286.5	856.5	689.5	582.8	685.9	856.5	742.8	597.1	579.3	558.0
77.5°	1076.8	916.9	753.4	611.3	504.7	611.3	778.3	661.0	515.3	522.4	490.4
80°	657.5	653.9	632.6	518.9	405.1	486.9	653.9	558.0	412.3	412.3	366.1
82.5°	390.9	472.7	536.6	430.0	295.0	348.3	472.7	419.4	344.7	334.1	312.7
85°	263.0	319.9	426.5	330.5	188.4	213.2	327.0	351.8	316.3	277.2	259.4
87.5°	96.0	127.9	195.5	135.0	81.7	127.9	245.2	255.9	191.9	149.3	135.0
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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

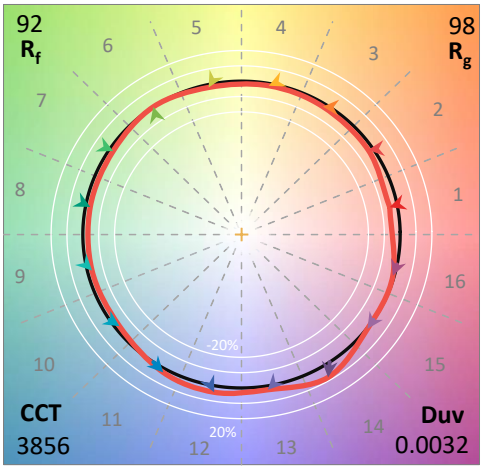
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

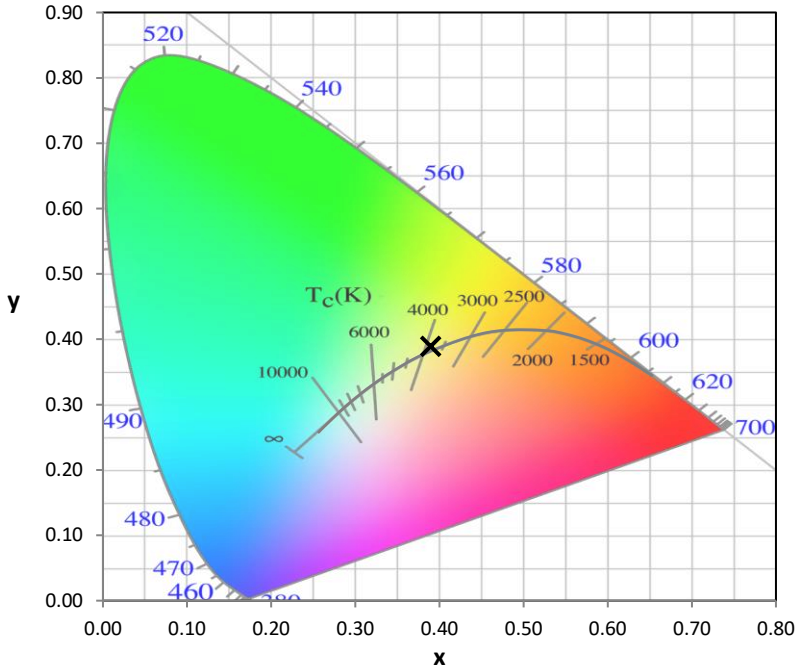
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

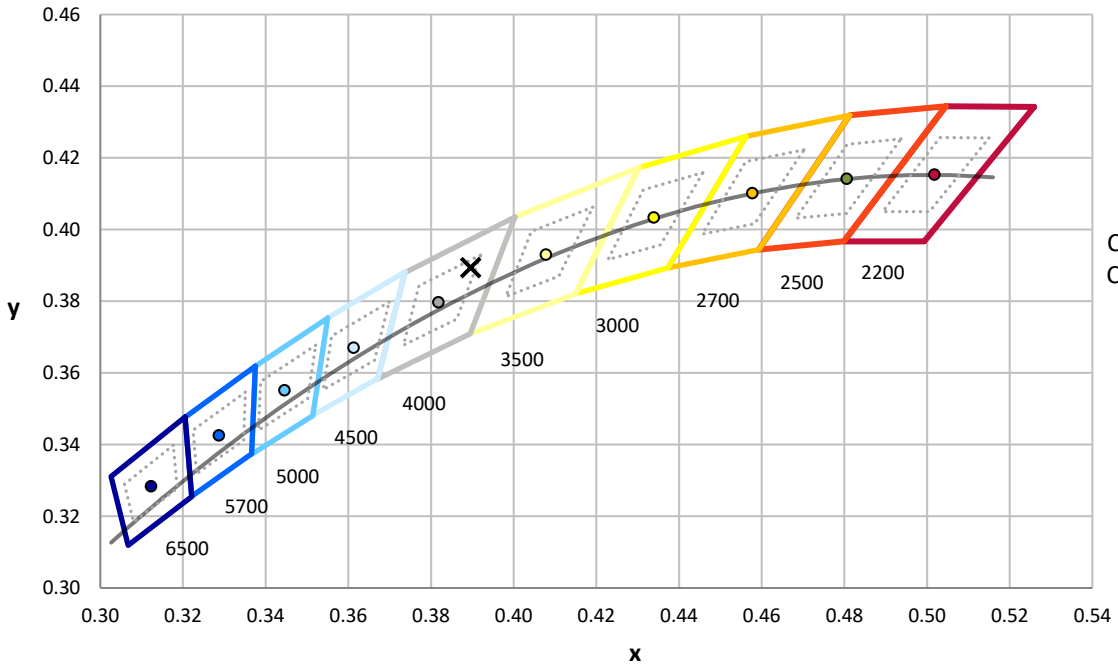
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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

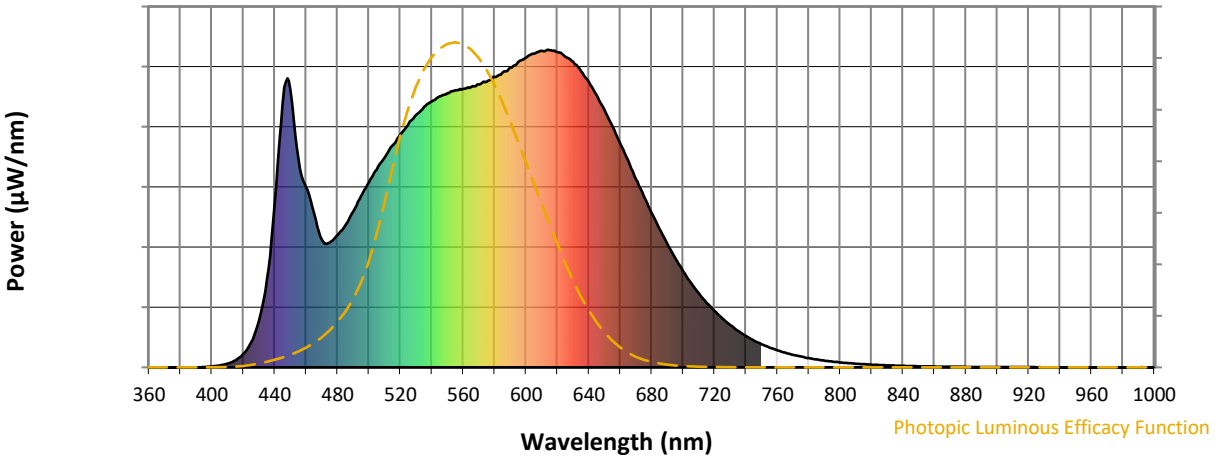


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

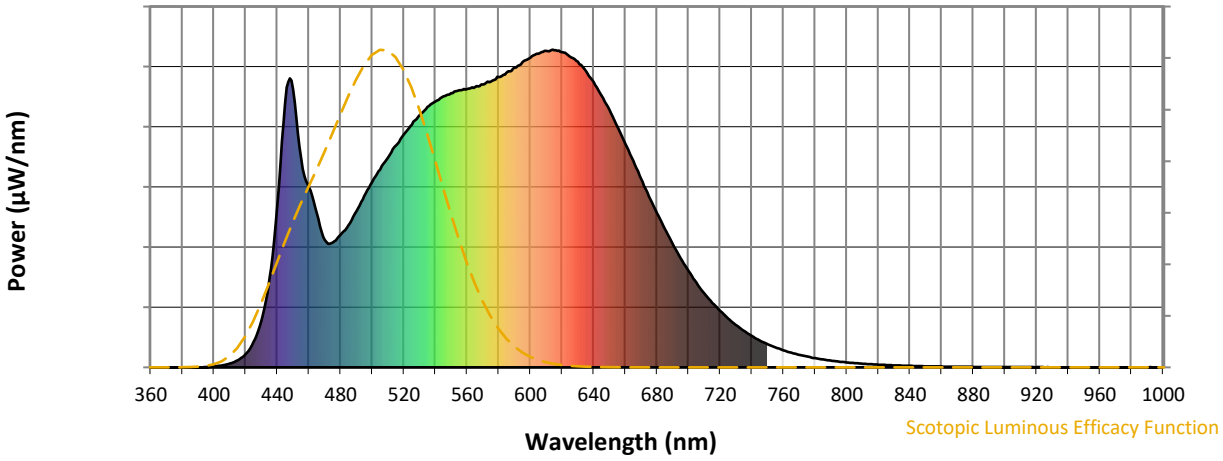


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength

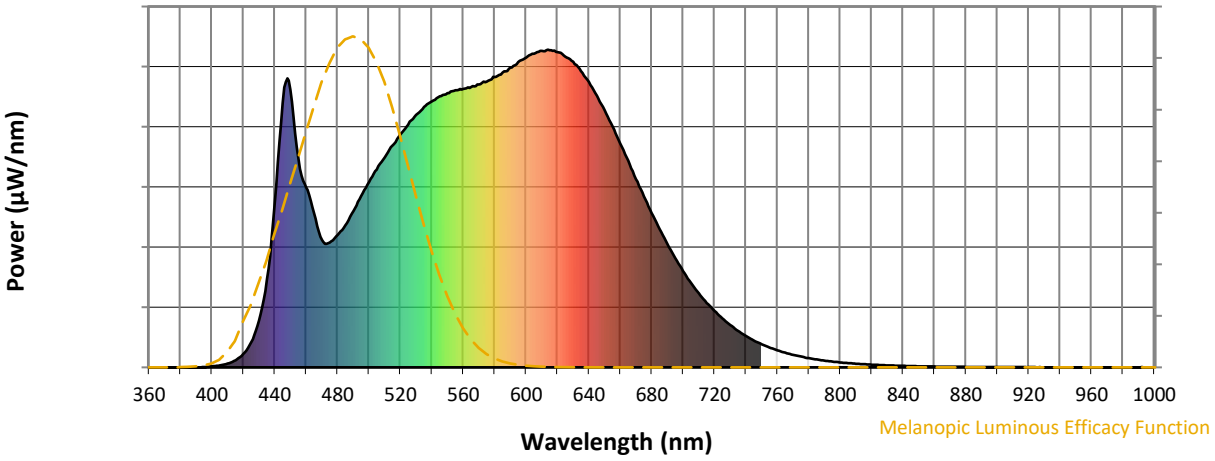


Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

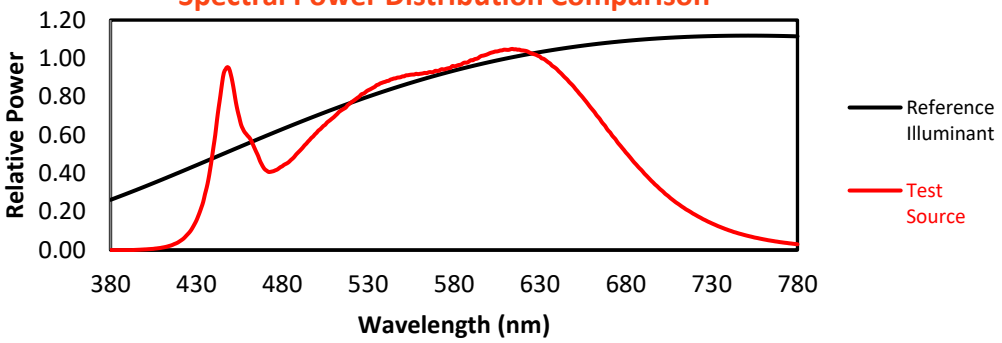
REPORT NUMBER: SP1-2407-184-16

TM-30-18

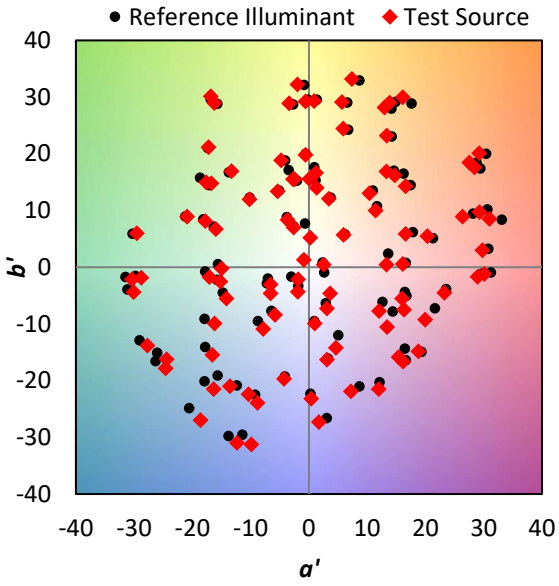
Summary

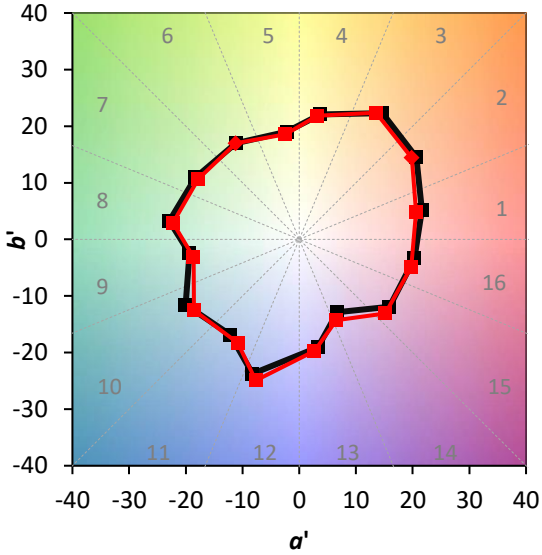
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

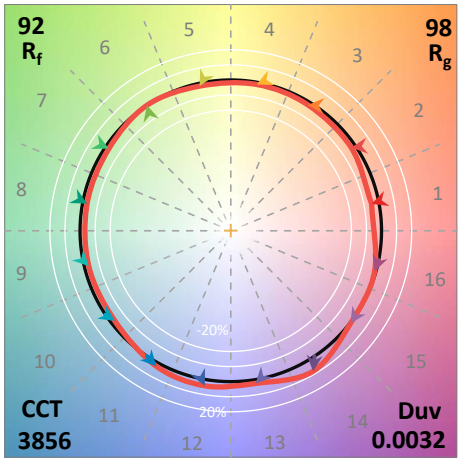
Spectral Power Distribution Comparison

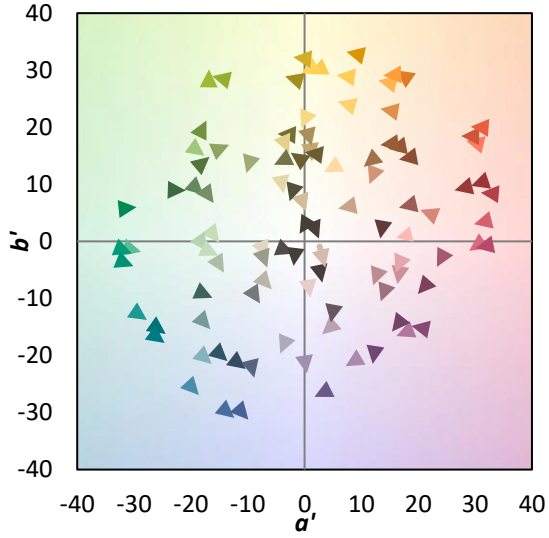


Color Vector Graphics







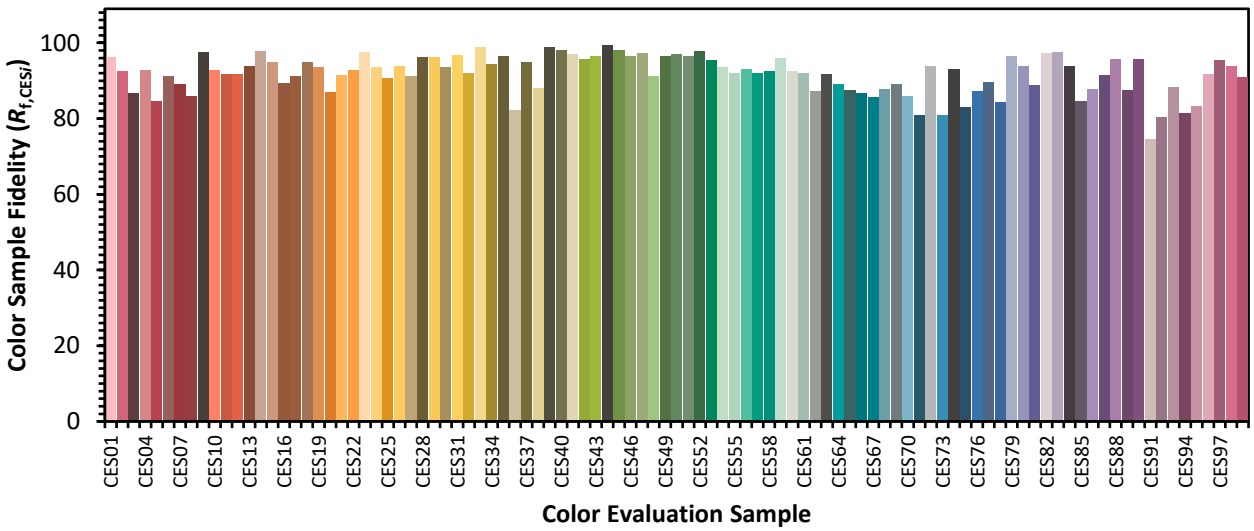


REPORT NUMBER: SP1-2407-184-16

TM-30-18

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

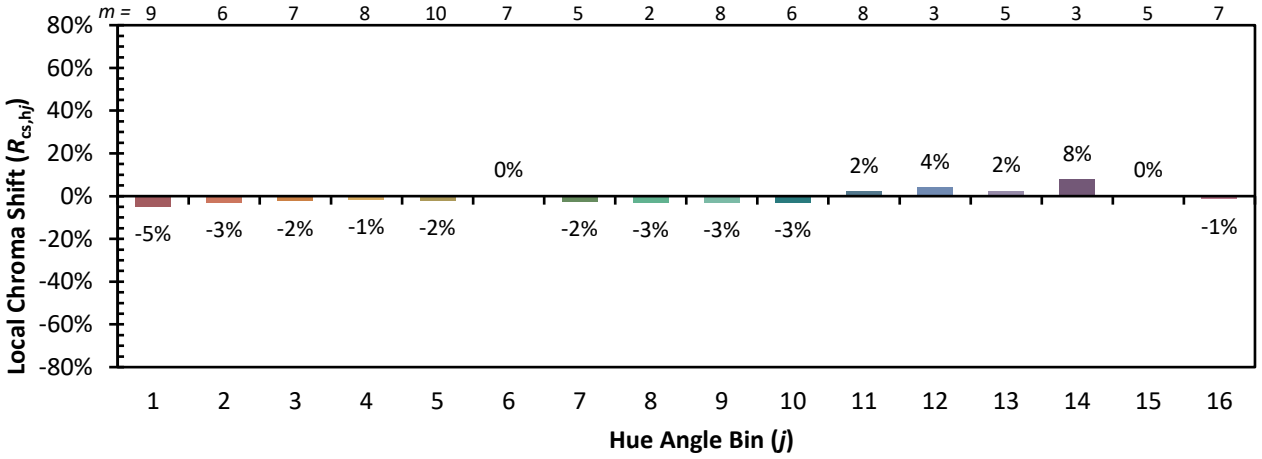
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	

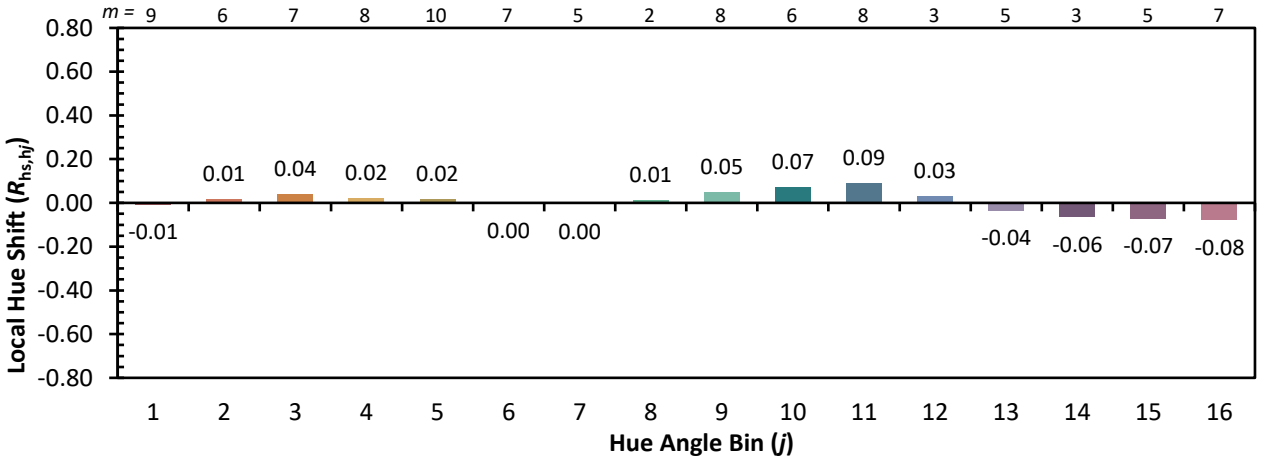


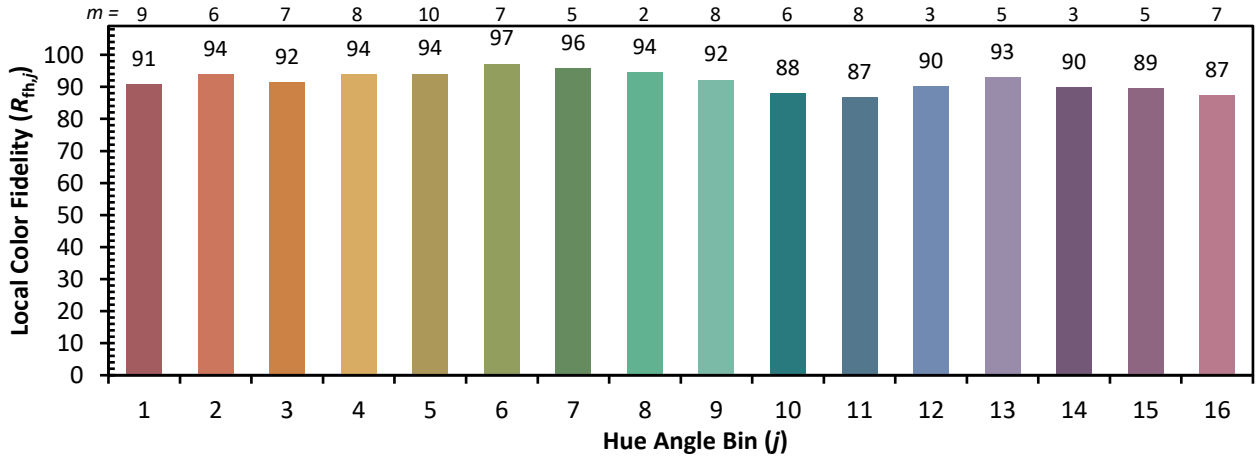
REPORT NUMBER: SP1-2407-184-16

TM-30-18

Color Rendition by Hue-Angle Bin



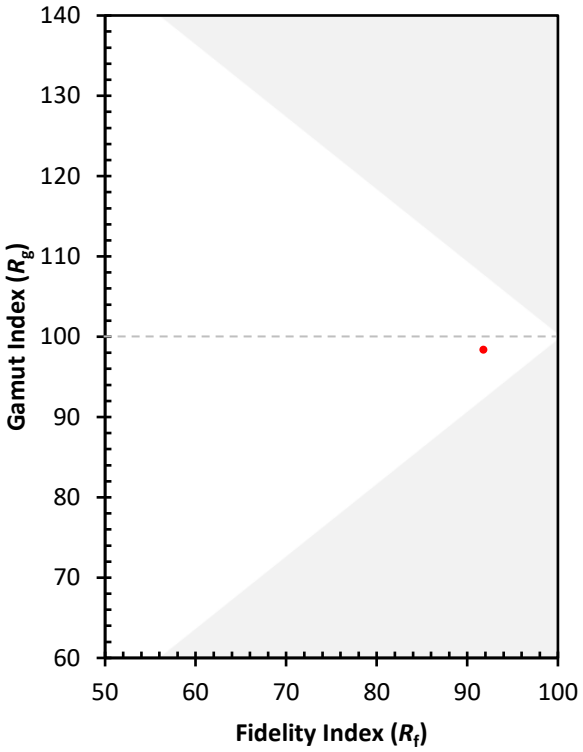


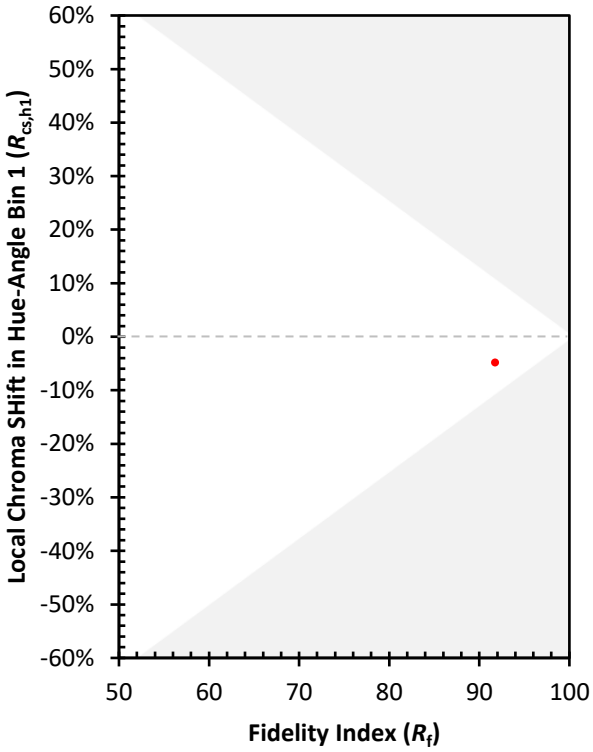


REPORT NUMBER: SP1-2407-184-16

TM-30-18

Measure Comparisons





(END OF REPORT)