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: P1456647

Luminaire Tested: GLAN-SB8A-830-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:	P1456647
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31779.3 lumens
Efficiency:	N/A
Efficacy:	139.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	227.1
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: P1456647
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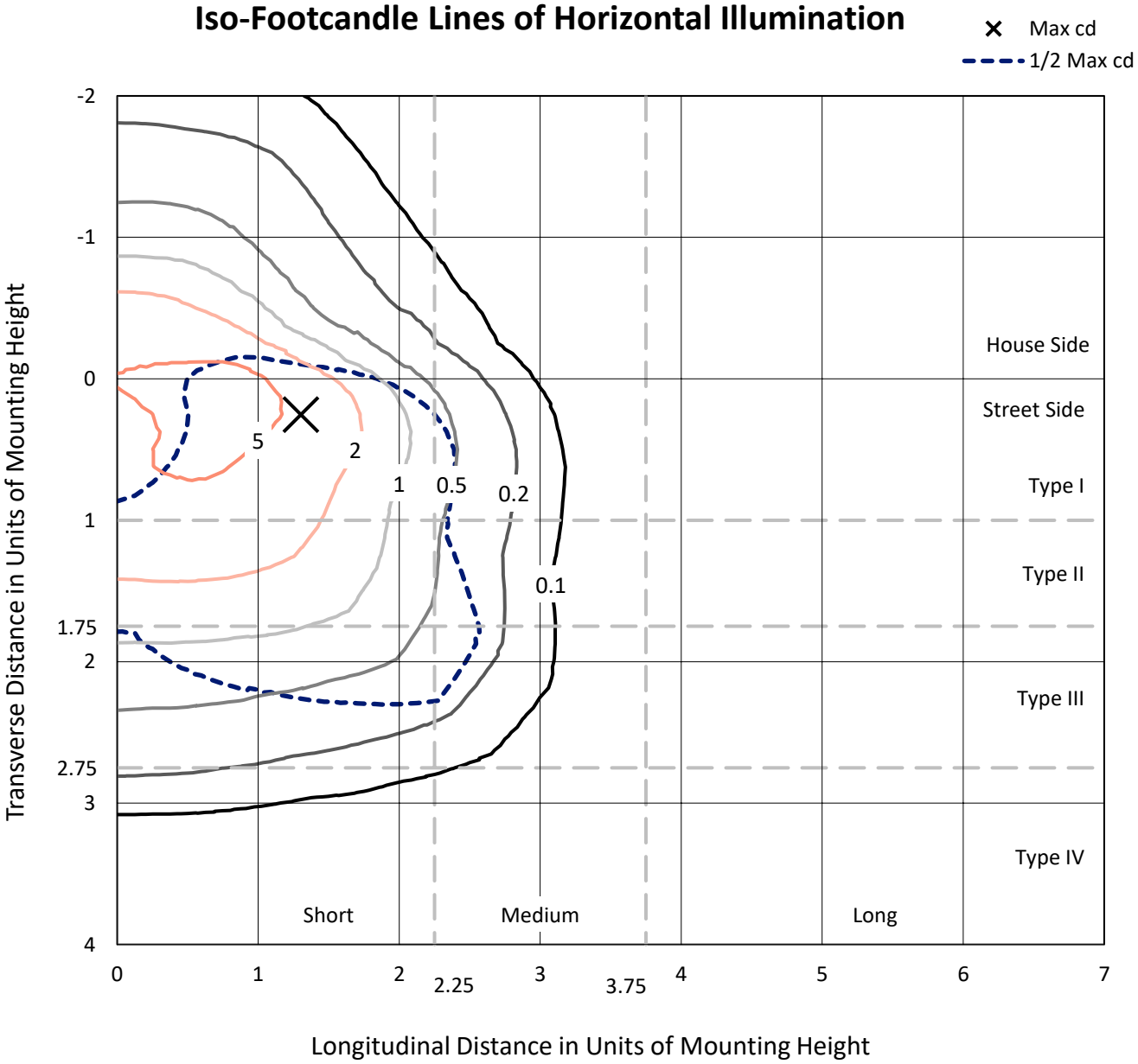
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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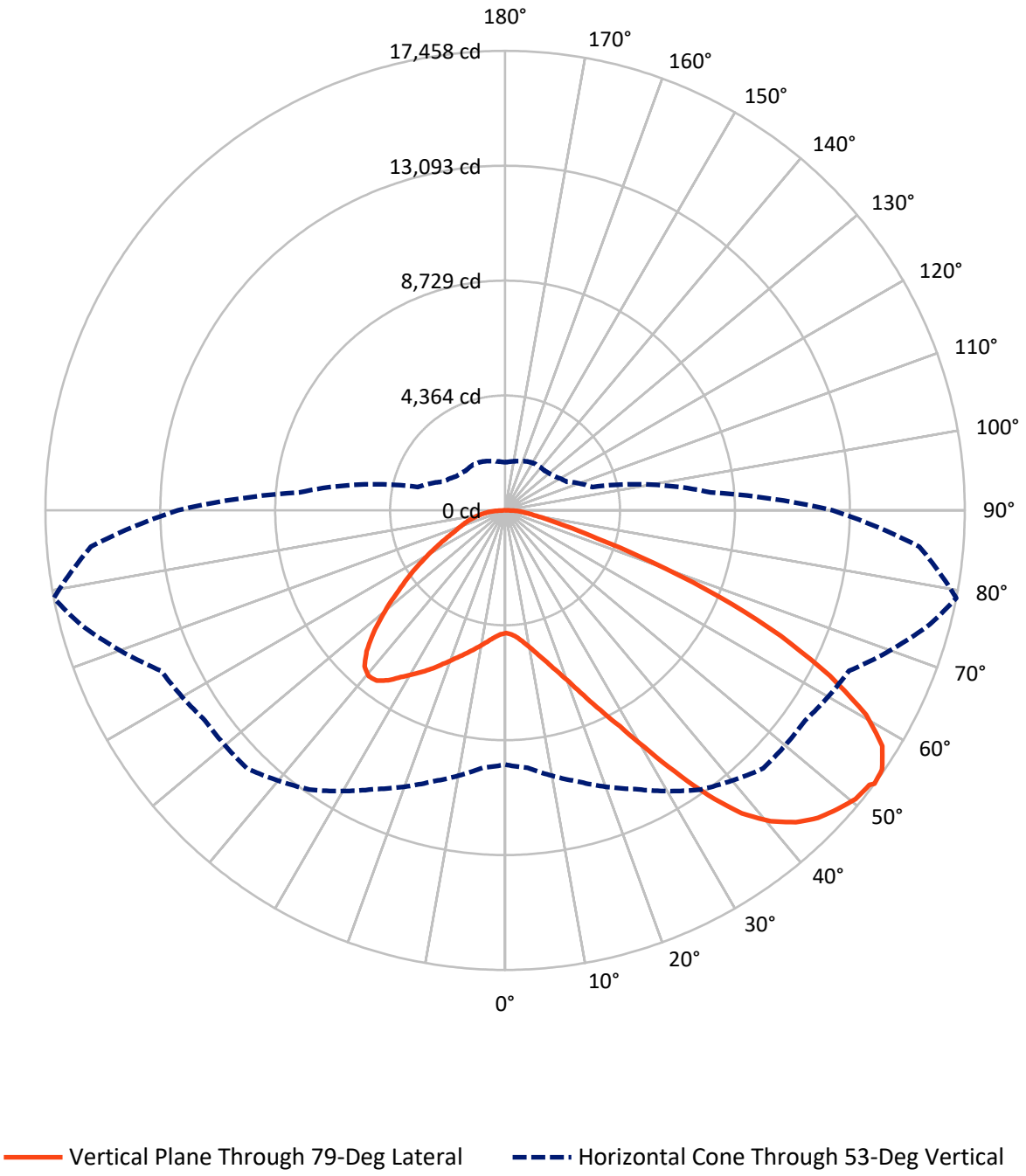
Luminous Intensity Polar Plot



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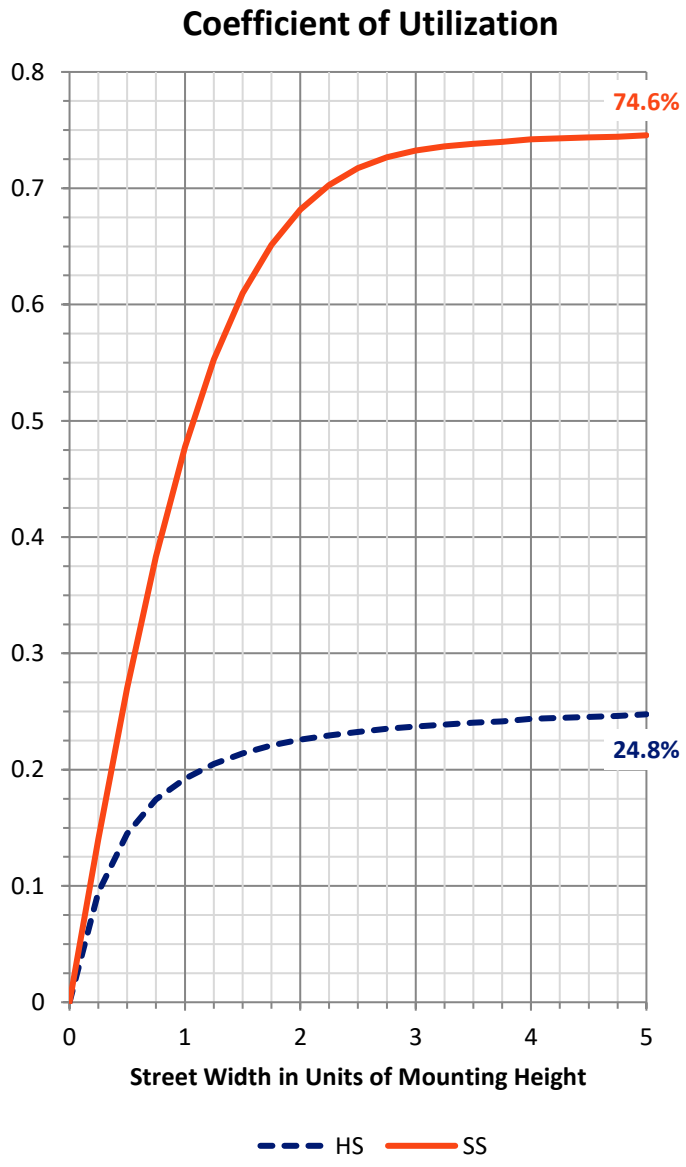
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8011.3	0.0	8011.3
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	23767.9	0.0	23767.9
	% Fixture	74.8	0.0	74.8
Total	Lumens	31779.3	0.0	31779.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.5	1.4
10°-20°	1376.5	4.3
20°-30°	2631.9	8.3
30°-40°	4518.6	14.2
40°-50°	6329.3	19.9
50°-60°	7182.9	22.6
60°-70°	6298.9	19.8
70°-80°	2463.0	7.8
80°-90°	533.6	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°	31779.3	100.0
0°-180°	31779.3	100.0



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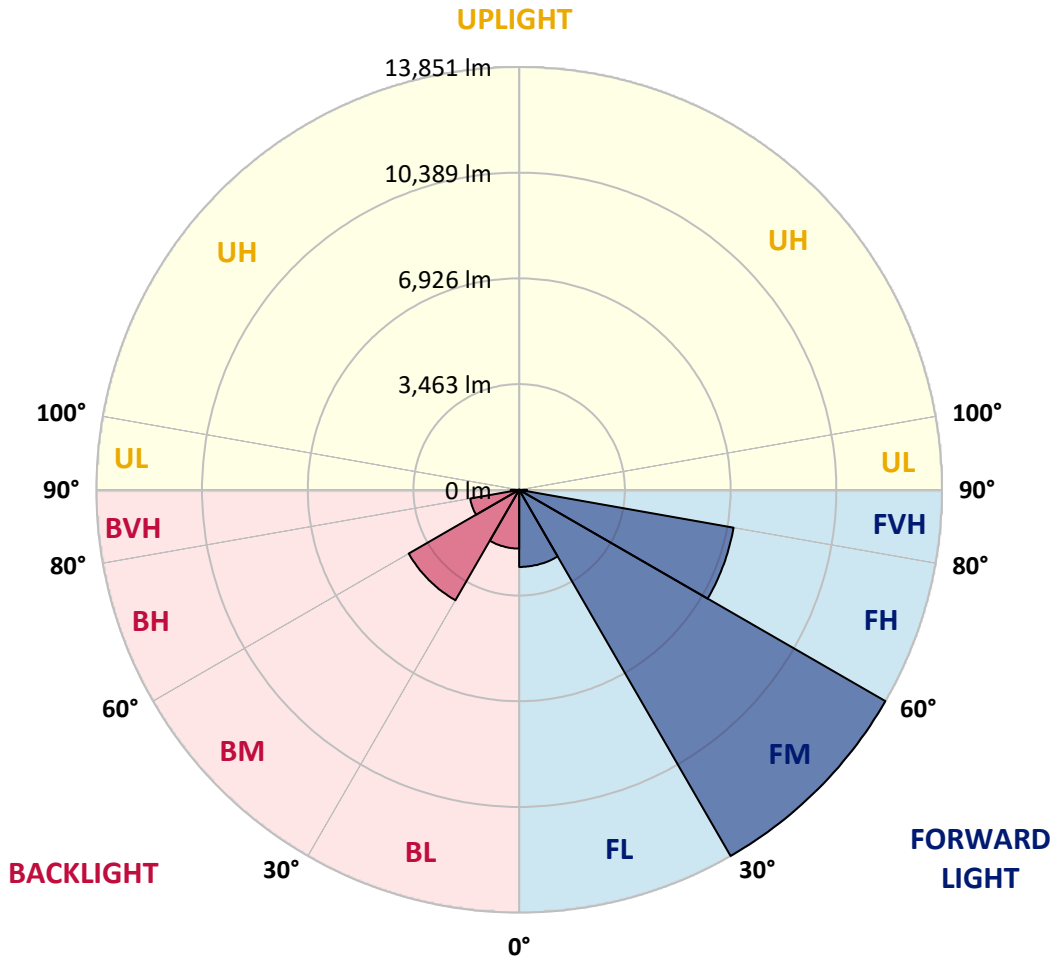
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2526.2	7.9			
FM	(30°-60°)	13851.5	43.6			
FH	(60°-80°)	7131.5	22.4			G3/7500
FVH	(80°-90°)	258.8	0.8			G3/500
BL	(0°-30°)	1926.8	6.1	B3/2500		
BM	(30°-60°)	4179.3	13.2	B3/5000		
BH	(60°-80°)	1630.4	5.1	B3/2500		G3/2500
BVH	(80°-90°)	274.8	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1456647
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	*4665.3*	4665.3
2.5°	4672.4	4672.4	4644.0	4672.4	4658.2	4679.4	4693.6	4693.6	4721.9	*4714.8*	4714.8
5°	4594.5	4580.3	4573.2	4622.8	4651.1	4707.8	4771.5	4799.8	4849.3	*4849.3*	4856.4
7.5°	4389.2	4382.1	4417.5	4516.6	4608.6	4750.2	4884.7	4962.6	5040.5	*5054.6*	5054.6
10°	4261.8	4254.7	4297.2	4417.5	4566.2	4771.5	4983.8	5146.7	5274.1	*5309.5*	5309.5
12.5°	4261.8	4261.8	4297.2	4417.5	4573.2	4821.0	5111.3	5387.4	5585.6	*5628.1*	5613.9
15°	4382.1	4375.0	4417.5	4544.9	4693.6	4927.2	5281.2	5649.3	5918.3	*5996.2*	6003.3
17.5°	4509.5	4502.5	4566.2	4729.0	4906.0	5139.6	5500.6	5953.7	6336.0	*6435.1*	6456.3
20°	4707.8	4700.7	4778.5	4934.3	5153.8	5422.8	5798.0	6314.8	6845.7	*6951.9*	6980.2
22.5°	4934.3	4941.4	5026.3	5217.5	5436.9	5790.9	6251.0	6824.5	7461.6	*7624.4*	7652.8
25°	5408.6	5387.4	5458.2	5592.7	5826.3	6251.0	6817.4	7440.4	8197.9	*8396.1*	8431.5
27.5°	6038.7	6003.3	6081.1	6215.7	6385.6	6782.0	7433.3	8127.1	9040.3	*9288.1*	9295.2
30°	6605.0	6583.8	6690.0	6966.1	7143.0	7447.5	8141.2	8934.1	10081.0	*10442.0*	10456.2
32.5°	7093.5	7086.4	7284.6	7638.6	8042.1	8367.8	9040.3	9953.5	11397.7	*11815.4*	11723.4
35°	7560.7	7582.0	7829.7	8197.9	8735.9	9387.2	10066.8	11107.5	12785.3	*13287.9*	13139.2
37.5°	8035.0	8049.2	8374.8	8849.2	9415.5	10265.0	11178.3	12360.5	13988.8	*14611.7*	14286.1
40°	8474.0	8516.4	8955.4	9465.1	10201.3	11065.0	12084.4	13231.3	14916.2	*15532.1*	15178.1
42.5°	8912.9	8976.6	9450.9	10151.8	10937.6	11836.6	12714.5	13762.2	15510.8	*16197.5*	15652.4
45°	9366.0	9408.4	9996.0	10725.2	11617.2	12445.5	13075.5	14102.0	15921.4	*16664.7*	15921.4
47.5°	9670.4	9755.3	10399.5	11242.0	12134.0	12912.7	13365.8	14243.6	16183.4	*16969.2*	16020.5
50°	9790.7	9911.1	10604.8	11539.3	12558.7	13351.6	13592.3	14321.5	16473.6	*17238.2*	15999.3
52.5°	9769.5	9882.7	10640.2	11673.8	12898.5	13755.1	13811.8	14406.4	16678.9	*17330.2*	15815.2
53°	*9656.2*	*9812.0*	*10661.5*	*11680.9*	*12948.1*	*13861.3*	*13910.9*	*14413.5*	*16707.2*	*17457.6*	*15786.9*
55°	9266.8	9351.8	10442.0	11673.8	13181.7	14257.8	14187.0	14625.9	16785.1	*17372.7*	15475.4
57.5°	8912.9	8997.8	9946.5	11539.3	13372.9	14817.0	14633.0	14590.5	16360.3	*16891.3*	14689.6
60°	8686.3	8714.7	9514.6	11114.5	13295.0	15206.4	14923.2	14172.8	15312.6	*15751.5*	13309.1
62.5°	8495.2	8488.1	9196.1	10505.7	12997.7	15263.0	14979.9	13139.2	13776.4	*13847.2*	11468.5
65°	8063.4	8013.8	8700.5	9819.0	12381.7	15008.2	14286.1	11574.7	11737.5	*11503.9*	9210.2
67.5°	7206.8	7100.6	7709.4	8771.3	11128.7	14286.1	12962.3	9755.3	9252.7	*8785.4*	6937.7
70°	5160.8	5160.8	5649.3	6711.2	8934.1	12346.4	11128.7	7383.7	6371.4	*5953.7*	4637.0
72.5°	2527.3	2591.0	3100.7	3964.4	5989.1	8962.4	8523.5	4785.6	3865.3	*3660.0*	2973.3
75°	1076.1	1083.1	1323.8	1755.7	3037.0	5302.4	5337.8	2760.9	2477.8	*2378.7*	1968.1
77.5°	750.4	764.6	870.8	1033.6	1444.2	2435.3	2775.1	1670.7	1663.6	*1592.8*	1401.7
80°	573.4	587.6	658.4	771.6	969.9	1246.0	1437.1	1132.7	1189.3	*1118.5*	1012.3
82.5°	431.8	446.0	495.6	580.5	693.8	835.4	807.0	835.4	877.8	*835.4*	729.2
85°	290.3	297.3	332.7	403.5	446.0	502.6	502.6	608.8	637.1	*623.0*	573.4
87.5°	148.7	148.7	177.0	212.4	226.5	233.6	205.3	269.0	304.4	*332.7*	269.0
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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Scaled Data Report

REPORT NUMBER: P1456647
CATALOG NUMBER: GLAN-SB8A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3	4665.3
2.5°	4714.8	4721.9	4700.7	4693.6	4686.5	4651.1	4651.1	4615.7	4608.6	4615.7	4594.5
5°	4870.6	4856.4	4799.8	4757.3	4707.8	4608.6	4552.0	4474.1	4452.9	4431.7	4410.4
7.5°	5061.7	5040.5	4941.4	4828.1	4693.6	4502.5	4396.3	4268.8	4226.4	4191.0	4176.8
10°	5302.4	5259.9	5104.2	4863.5	4615.7	4382.1	4233.4	4077.7	4006.9	3992.7	3957.3
12.5°	5613.9	5536.0	5245.8	4870.6	4544.9	4240.5	4077.7	3957.3	3929.0	3921.9	3886.6
15°	5960.8	5847.5	5380.3	4877.7	4452.9	4120.2	4021.1	3957.3	3957.3	3950.3	3929.0
17.5°	6385.6	6201.5	5507.7	4849.3	4339.6	4084.8	4035.2	3978.6	3964.4	3971.5	3943.2
20°	6895.3	6590.9	5642.2	4813.9	4290.1	4091.9	4035.2	3957.3	3921.9	3914.9	3893.6
22.5°	7482.9	7036.9	5790.9	4757.3	4290.1	4084.8	3992.7	3886.6	3815.8	3787.4	3759.1
25°	8155.4	7553.6	5946.6	4736.1	4304.2	4056.5	3907.8	3737.9	3624.6	3582.1	3560.9
27.5°	8969.5	8098.8	6059.9	4757.3	4297.2	3992.7	3759.1	3539.7	3412.2	3341.4	3327.3
30°	9868.6	8686.3	6137.8	4792.7	4254.7	3872.4	3582.1	3334.4	3157.4	3072.4	3051.2
32.5°	10930.5	9344.7	6215.7	4792.7	4148.5	3702.5	3376.8	3107.8	2923.8	2824.7	2810.5
35°	12105.7	10151.8	6286.4	4785.6	4021.1	3518.4	3171.5	2895.4	2704.3	2605.2	2598.1
37.5°	13103.8	10760.6	6321.8	4714.8	3844.1	3306.0	2980.4	2704.3	2506.1	2399.9	2392.8
40°	13719.7	11015.4	6251.0	4573.2	3631.7	3086.6	2768.0	2513.2	2314.9	2187.5	2159.2
42.5°	13953.4	10895.1	6024.5	4339.6	3376.8	2867.1	2591.0	2322.0	2060.1	1953.9	1932.7
45°	13875.5	10427.9	5543.1	4006.9	3093.7	2668.9	2435.3	2130.9	1961.0	1868.9	1861.9
47.5°	13613.6	9705.8	4941.4	3589.2	2796.3	2491.9	2230.0	2081.3	1925.6	1826.5	1819.4
50°	13153.4	8934.1	4219.3	3114.9	2527.3	2307.9	2180.4	2060.1	1932.7	1854.8	1840.6
52.5°	12565.8	8063.4	3553.8	2654.7	2293.7	2145.0	2130.9	2045.9	1946.8	1861.9	1826.5
53°	*12431.3*	*7836.8*	*3426.4*	*2576.9*	*2258.3*	*2123.8*	*2116.7*	*2045.9*	*1932.7*	*1854.8*	*1826.5*
55°	11787.1	7136.0	3022.9	2300.8	2081.3	2053.0	2116.7	2038.8	1897.3	1833.5	1812.3
57.5°	10753.5	6215.7	2633.5	2045.9	1897.3	1968.1	2095.5	2010.5	1854.8	1741.5	1706.1
60°	9507.5	5160.8	2336.2	1876.0	1762.8	1861.9	2010.5	1911.4	1699.0	1642.4	1635.3
62.5°	8020.9	4176.8	2109.6	1734.4	1649.5	1748.6	1883.1	1713.2	1557.5	1515.0	1500.8
65°	6265.2	3320.2	1932.7	1628.2	1536.2	1614.1	1706.1	1599.9	1500.8	1465.4	1458.3
67.5°	4658.2	2605.2	1791.1	1536.2	1422.9	1472.5	1578.7	1550.4	1465.4	1444.2	1437.1
70°	3214.0	2116.7	1663.6	1451.3	1281.4	1338.0	1500.8	1522.1	1437.1	1422.9	1415.9
72.5°	2251.2	1791.1	1529.1	1359.2	1168.1	1224.7	1465.4	1465.4	1373.4	1394.6	1380.5
75°	1692.0	1507.9	1373.4	1246.0	1026.5	1111.5	1415.9	1401.7	1309.7	1401.7	1366.3
77.5°	1274.3	1217.6	1189.3	1104.4	899.1	984.0	1316.8	1288.4	1168.1	1175.2	1111.5
80°	927.4	941.6	1019.4	941.6	750.4	814.1	1111.5	1097.3	948.6	976.9	899.1
82.5°	665.5	700.9	870.8	757.5	545.1	580.5	764.6	828.3	743.3	700.9	715.0
85°	502.6	523.9	700.9	559.3	339.8	382.3	523.9	594.7	580.5	538.0	545.1
87.5°	212.4	240.7	325.6	261.9	198.2	198.2	325.6	417.7	375.2	318.6	332.7
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

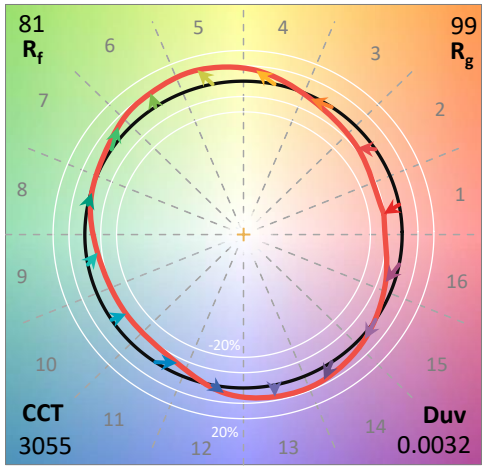
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

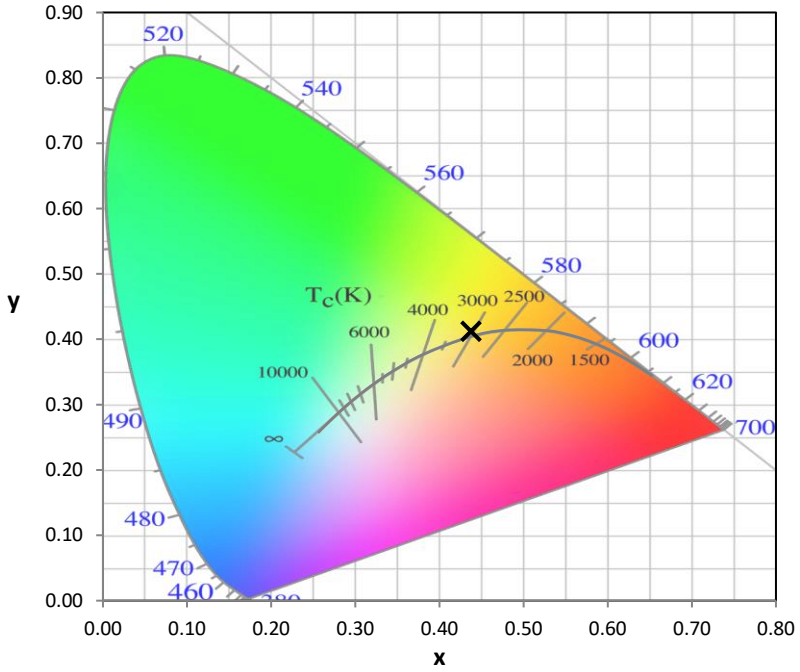
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

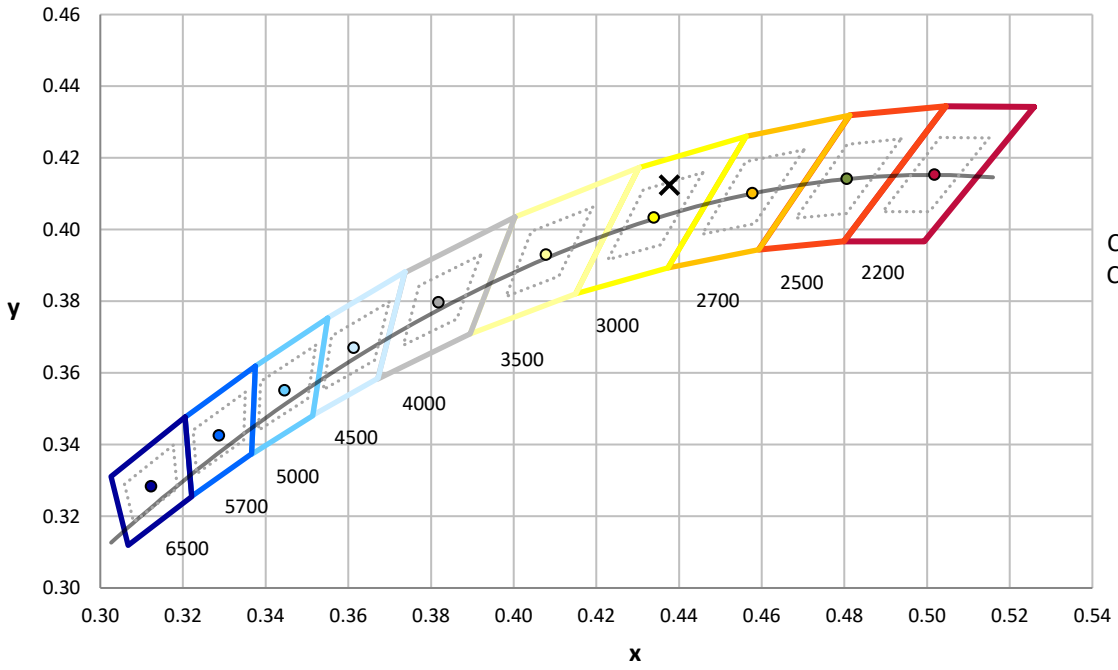
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

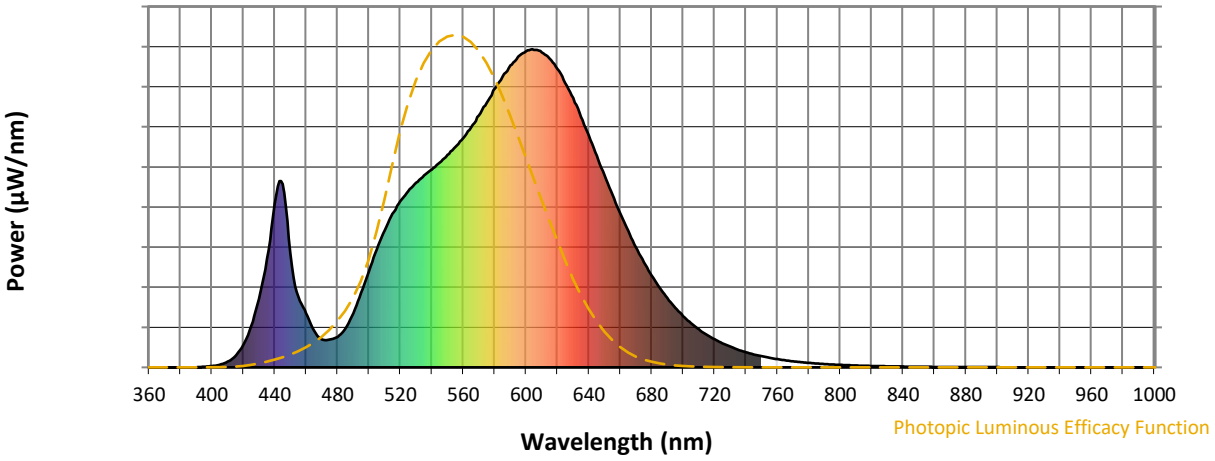


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

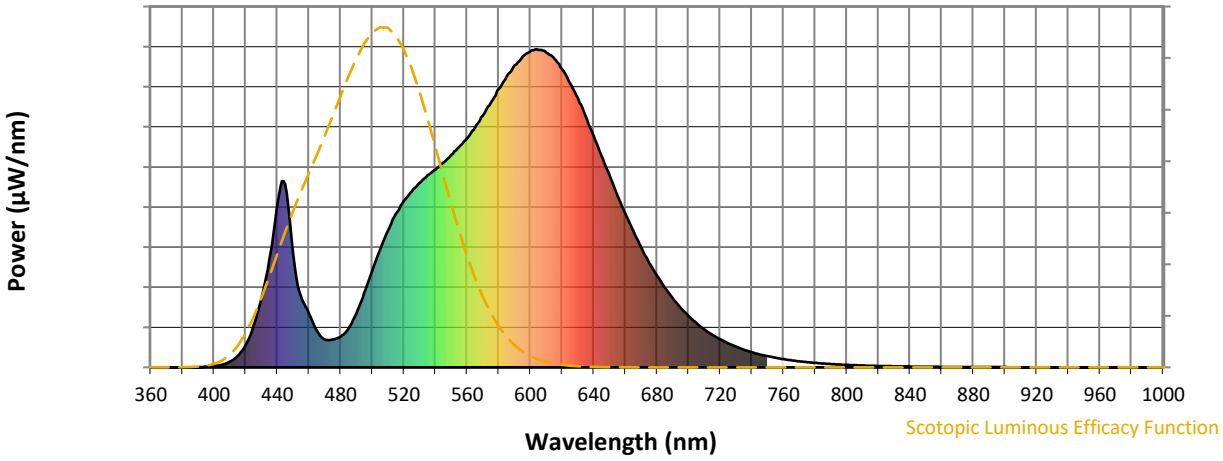


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

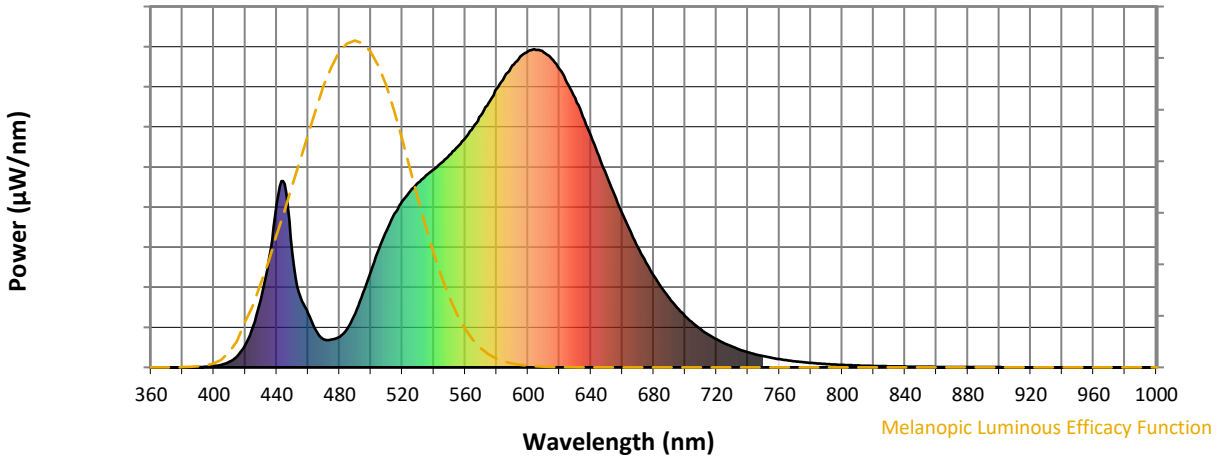


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

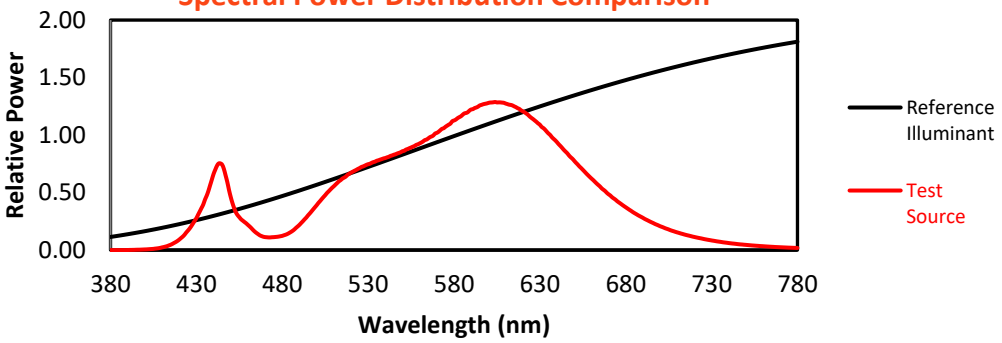
REPORT NUMBER: SP1-2407-184-9

TM-30-18

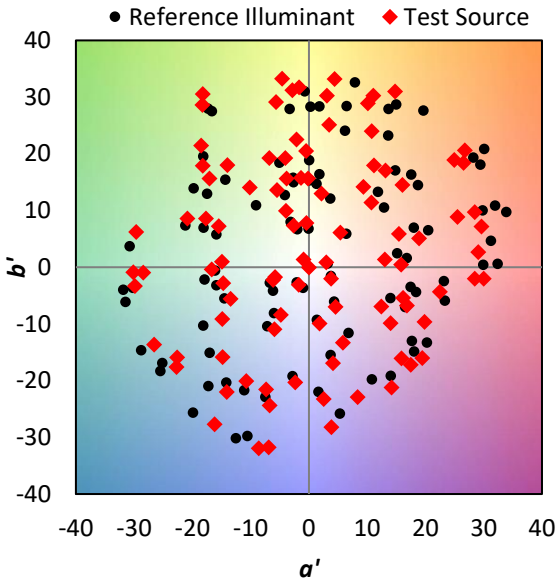
Summary

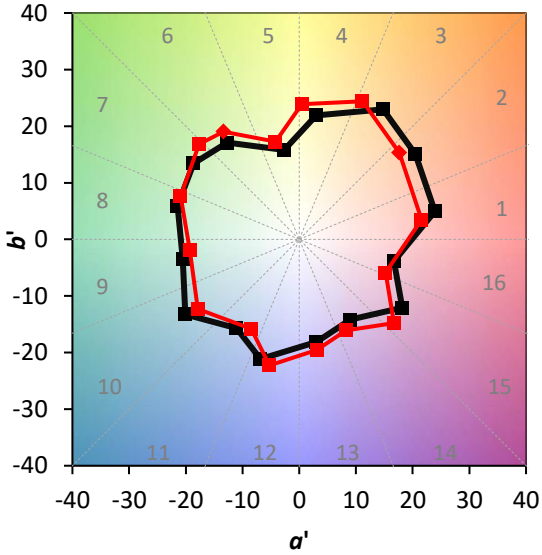
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

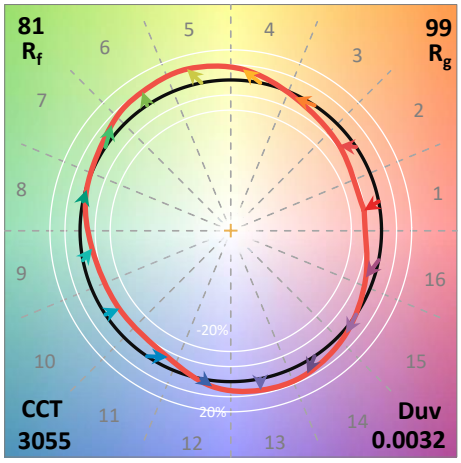
Spectral Power Distribution Comparison

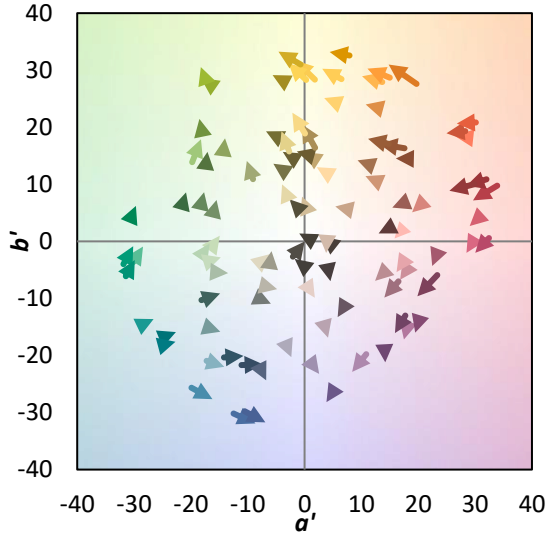


Color Vector Graphics







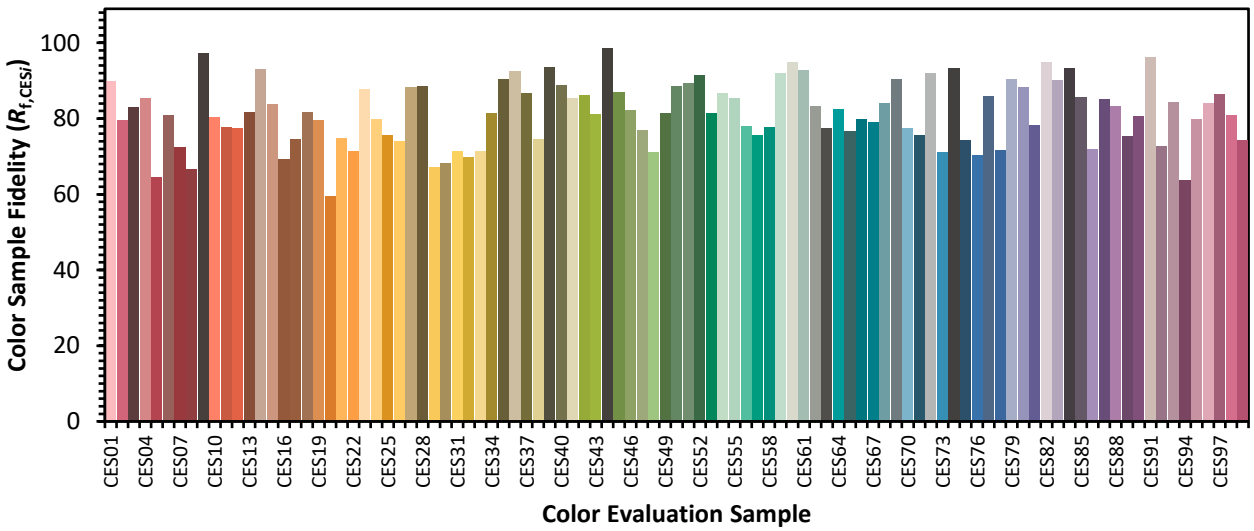


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

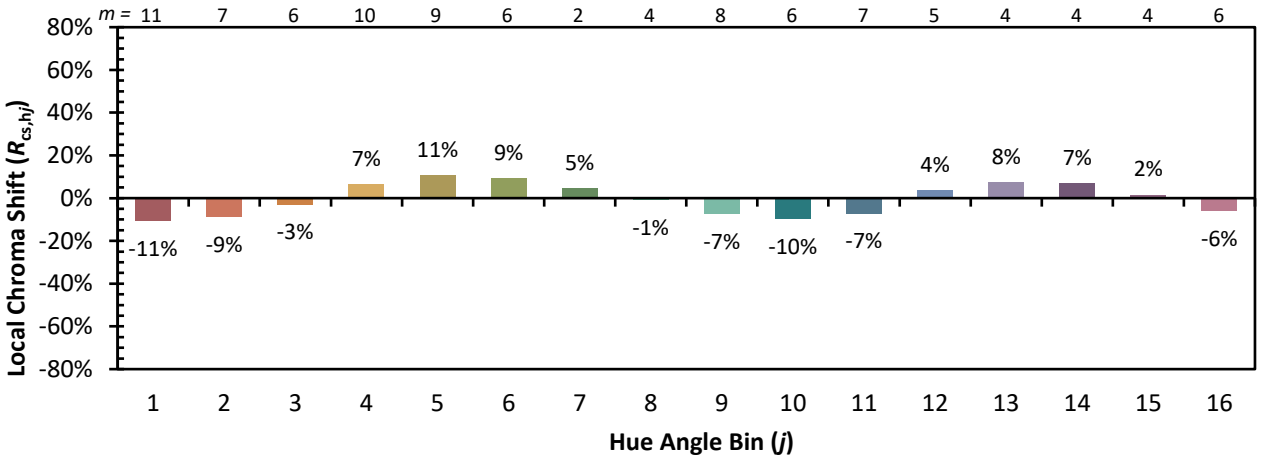
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	

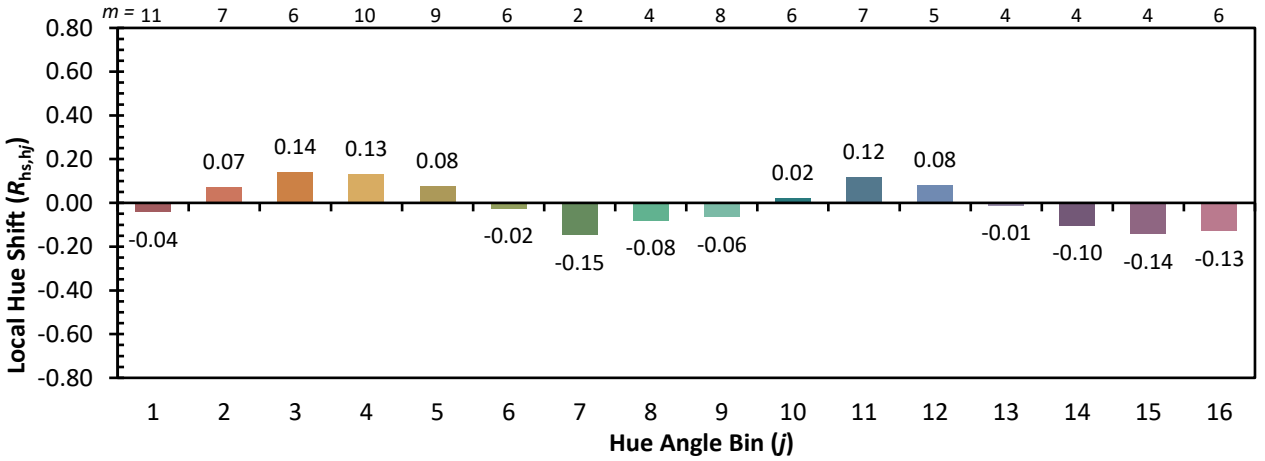


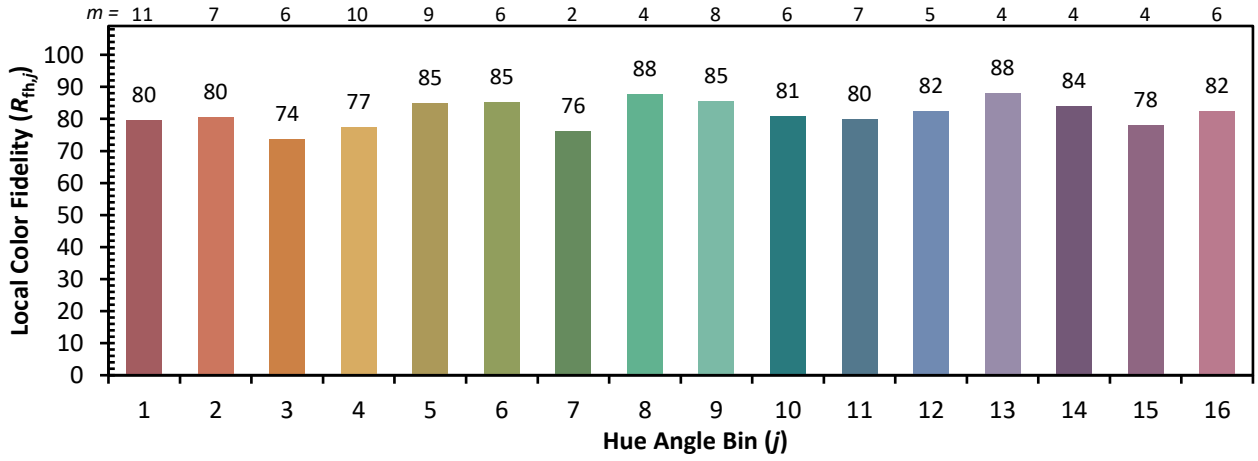
REPORT NUMBER: SP1-2407-184-9

TM-30-18

Color Rendition by Hue-Angle Bin



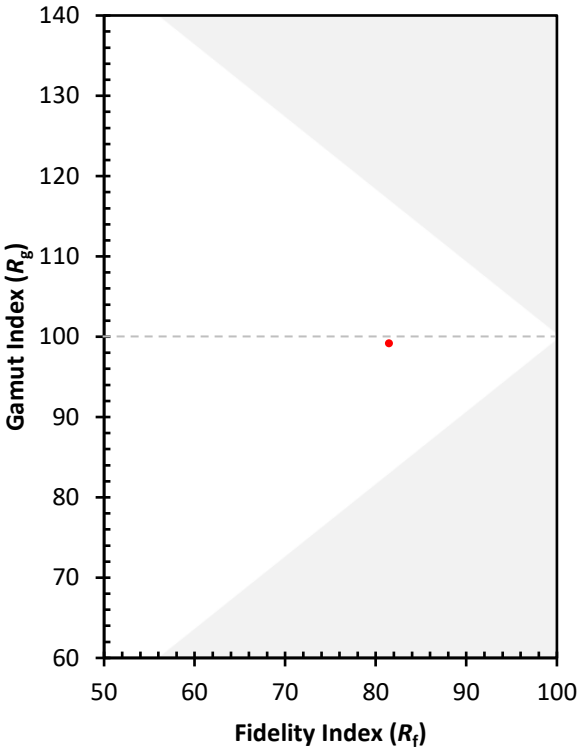


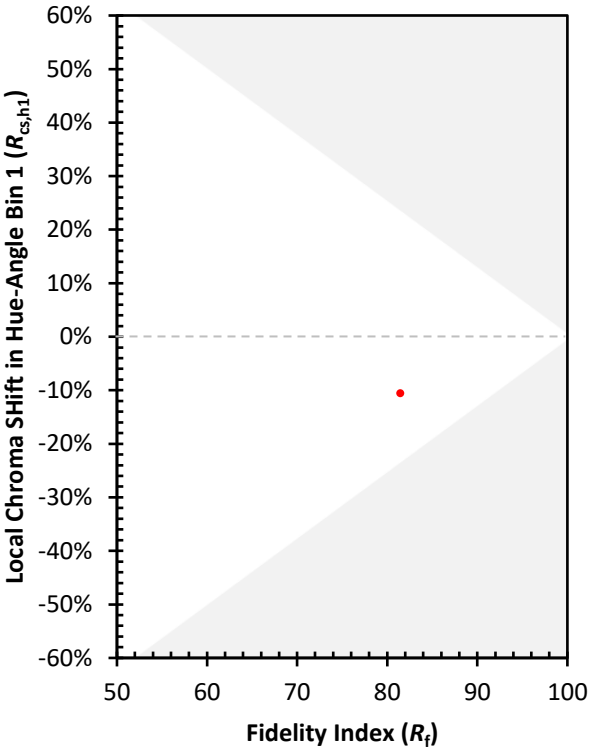


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)