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: P1456124

Luminaire Tested: GLAN-SB3B-840-U-T2LG

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1456124
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15632 lumens
Efficiency:	N/A
Efficacy:	143.1 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):	109.2
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: P1456124
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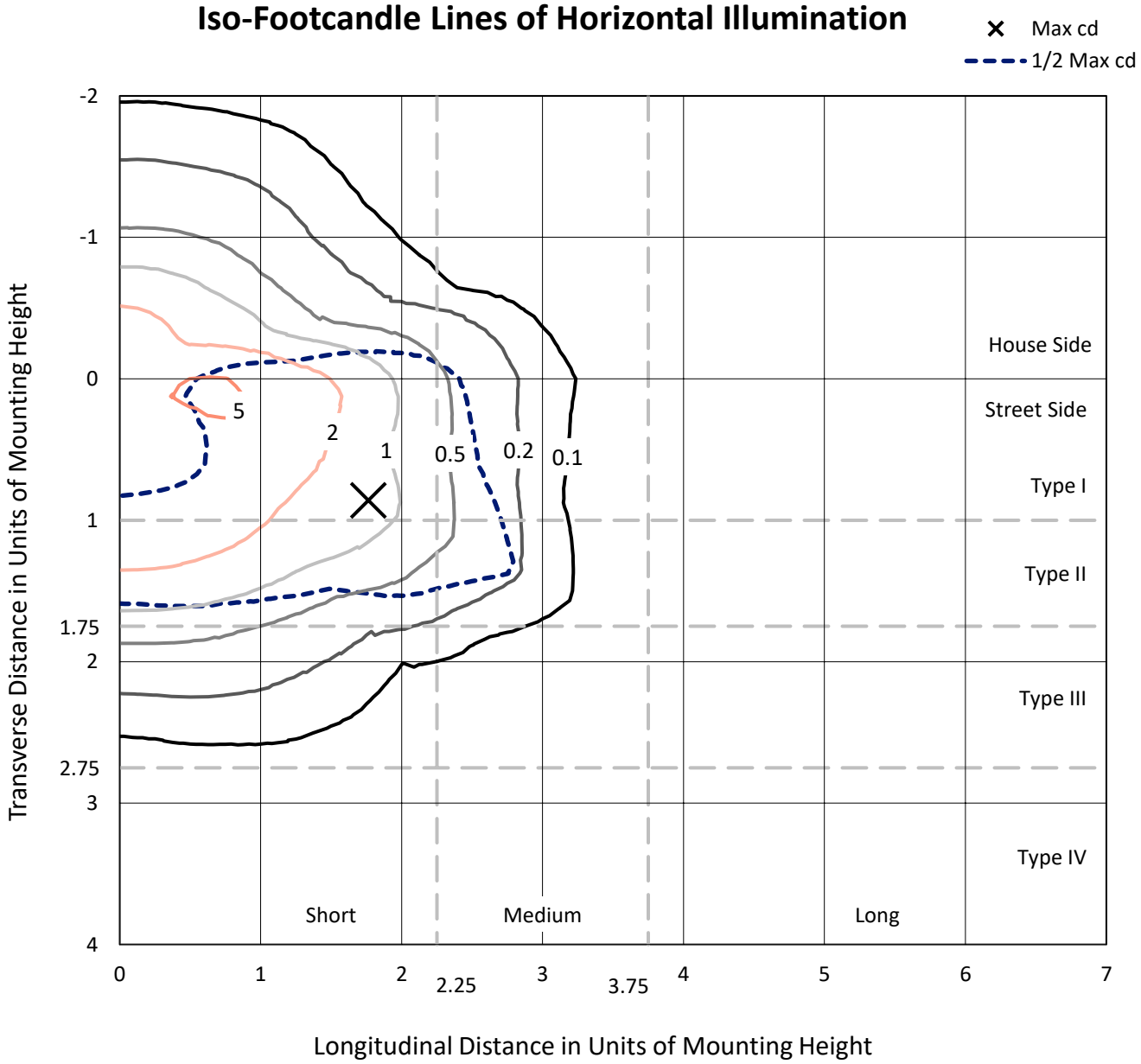
Iso-Footcandle Lines of Horizontal Illumination



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

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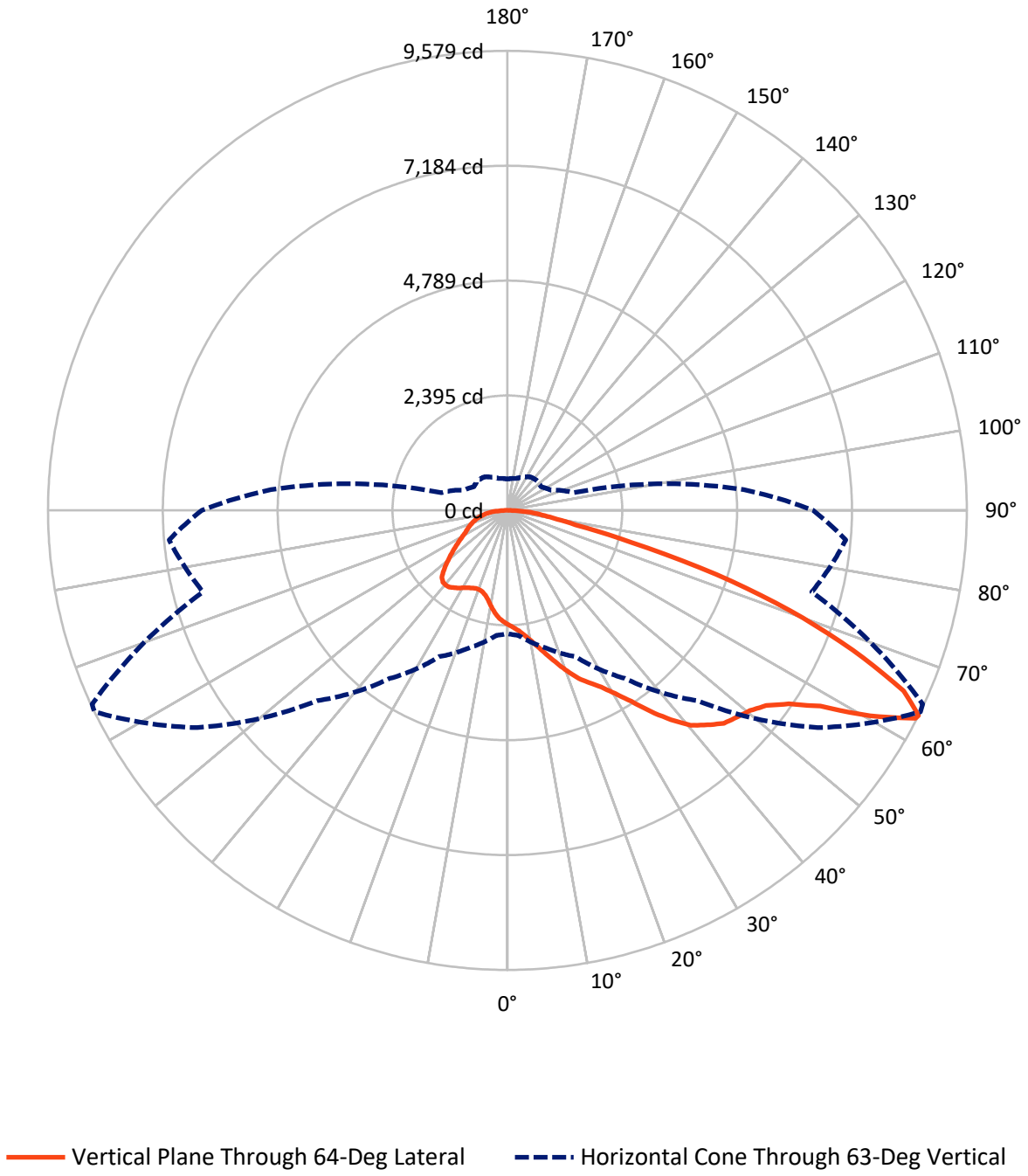
Luminous Intensity Polar Plot



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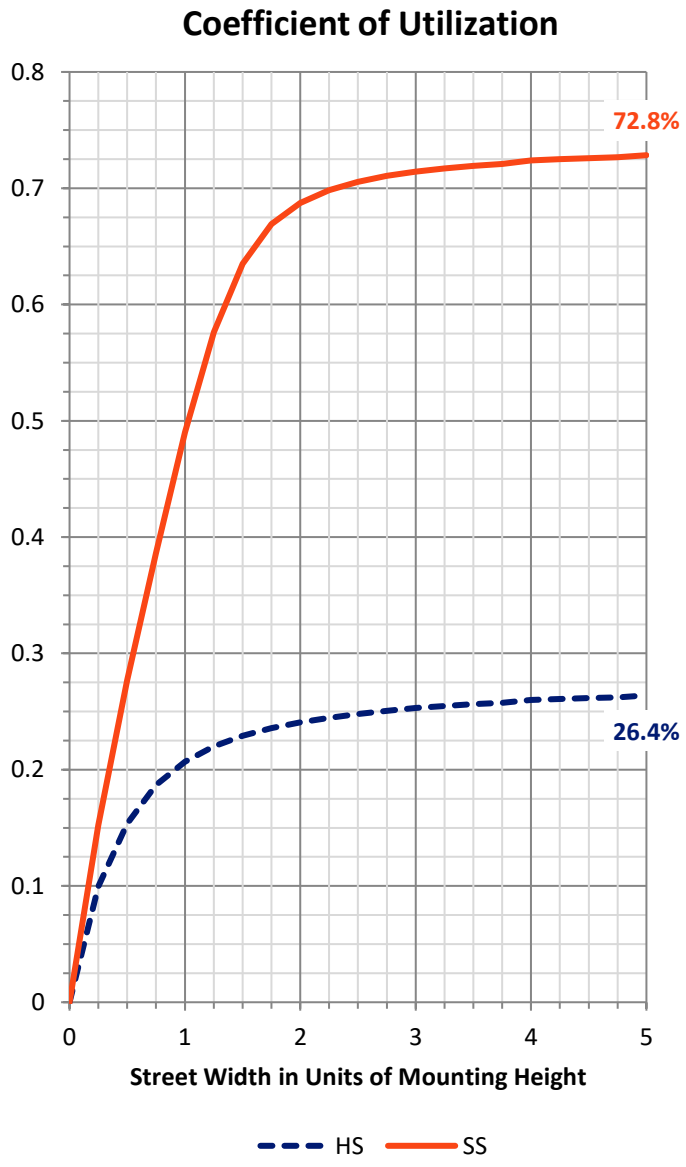
CATALOG NUMBER: GLAN-SB3B-840-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4199.9	0.0	4199.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11432.1	0.0	11432.1
	% Fixture	73.1	0.0	73.1
Total	Lumens	15632.0	0.0	15632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.6	1.4
10°-20°	672.9	4.3
20°-30°	1230.4	7.9
30°-40°	2116.6	13.5
40°-50°	3121.4	20.0
50°-60°	3741.2	23.9
60°-70°	3002.7	19.2
70°-80°	1206.6	7.7
80°-90°	321.7	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°	15632.0	100.0
0°-180°	15632.0	100.0



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REPORT NUMBER: P1456124
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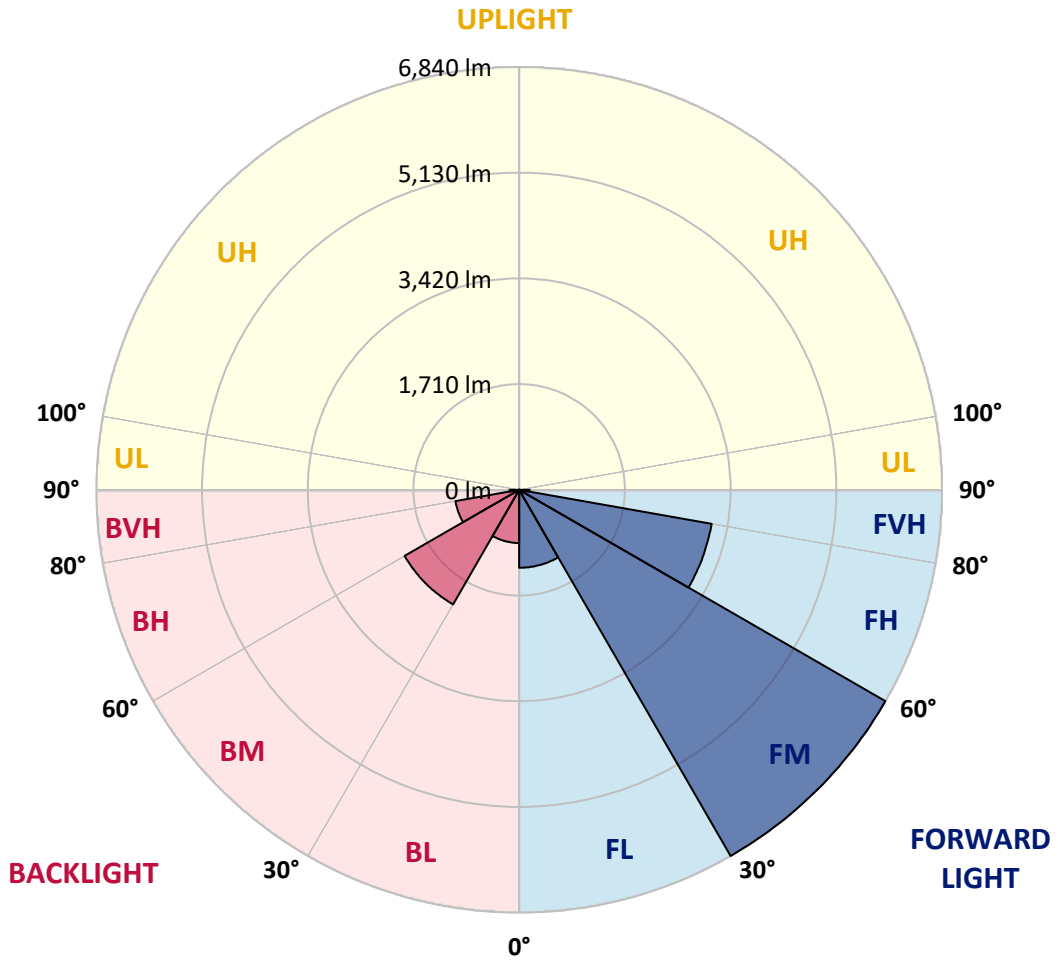
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1261.2	8.1			
FM	(30°-60°)	6839.8	43.8			
FH	(60°-80°)	3162.0	20.2			G2/5000
FVH	(80°-90°)	169.0	1.1			G2/225
BL	(0°-30°)	860.7	5.5	B2/1000		
BM	(30°-60°)	2139.3	13.7	B2/2500		
BH	(60°-80°)	1047.2	6.7	B3/2500		G3/2500
BVH	(80°-90°)	152.7	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: P1456124
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	*2380.6*	2380.6	2380.6	2380.6
2.5°	2478.9	2482.4	2471.9	2468.3	2475.4	2461.3	2457.8	*2443.8*	2436.7	2422.7	2405.1
5°	2549.1	2552.6	2545.6	2545.6	2552.6	2542.1	2538.6	*2524.5*	2517.5	2503.5	2468.3
7.5°	2545.6	2549.1	2556.1	2584.2	2619.3	2633.4	2643.9	*2633.4*	2629.9	2608.8	2573.7
10°	2489.4	2492.9	2510.5	2552.6	2640.4	2703.6	2770.3	*2770.3*	2777.3	2759.8	2696.6
12.5°	2412.2	2415.7	2457.8	2524.5	2640.4	2749.2	2886.2	*2942.4*	2938.8	2928.3	2854.6
15°	2226.1	2226.1	2289.3	2415.7	2601.8	2780.8	2984.5	*3135.5*	3139.0	3149.5	3061.7
17.5°	2068.1	2071.6	2124.3	2236.6	2478.9	2763.3	3089.8	*3349.7*	3360.2	3419.9	3293.5
20°	2082.1	2082.1	2099.7	2148.8	2345.5	2693.1	3149.5	*3577.9*	3613.0	3753.4	3595.4
22.5°	2191.0	2191.0	2205.0	2201.5	2320.9	2647.4	3188.1	*3806.1*	3869.3	4160.7	3957.1
25°	2391.1	2387.6	2373.5	2352.5	2422.7	2696.6	3275.9	*3981.7*	4104.6	4610.2	4374.9
27.5°	2636.9	2629.9	2608.8	2573.7	2622.8	2844.0	3426.9	*4167.8*	4301.2	5101.7	4817.3
30°	2942.4	2921.3	2900.2	2854.6	2907.2	3086.3	3651.6	*4431.1*	4557.5	5660.0	5351.0
32.5°	3304.0	3328.6	3258.4	3195.2	3251.3	3416.4	3985.2	*4743.6*	4880.5	6242.9	5905.8
35°	3844.7	3918.5	3897.4	3577.9	3630.5	3813.1	4374.9	*5147.4*	5270.3	6773.0	6474.6
37.5°	4378.4	4360.9	4378.4	4111.6	4027.3	4248.5	4792.7	*5533.6*	5653.0	7204.9	6976.7
40°	4806.8	4859.5	4859.5	4641.8	4532.9	4680.4	5171.9	*5888.2*	6004.1	7443.7	7338.3
42.5°	5273.8	5280.8	5266.7	5077.1	5035.0	5073.6	5505.5	*6112.9*	6207.7	7566.6	7584.1
45°	5800.4	5796.9	5737.2	5579.2	5516.0	5480.9	5712.7	*6330.6*	6425.4	7622.7	7717.5
47.5°	6235.8	6253.4	6256.9	6088.4	5983.0	5832.0	5891.7	*6439.5*	6548.3	7559.5	7745.6
50°	6260.4	6288.5	6421.9	6471.1	6450.0	6207.7	6056.8	*6555.3*	6664.2	7573.6	7847.5
52.5°	6105.9	6134.0	6306.1	6509.7	6755.5	6639.6	6316.6	*6755.5*	6867.8	7710.5	8079.2
55°	5691.6	5737.2	5993.6	6278.0	6716.9	6881.9	6776.5	*7117.1*	7222.5	7819.4	8349.6
57.5°	4954.3	5010.4	5365.1	5818.0	6418.4	6825.7	7443.7	*7696.5*	7784.3	7896.6	8353.1
60°	3704.3	3749.9	4304.7	4915.6	5818.0	6474.6	7840.4	*8690.1*	8739.3	7478.8	7879.1
62.5°	2728.2	2773.8	3146.0	3584.9	4571.5	5828.5	7917.7	*9550.4*	9557.4	6723.9	7226.0
63°	*2570.2*	*2615.8*	*2952.9*	*3363.7*	*4276.6*	*5610.8*	*7893.1*	*9578.5*	*9553.9*	*6569.4*	*7082.0*
65°	2001.4	2082.1	2433.2	2745.7	3205.7	4466.2	7577.1	*9079.9*	9115.0	6112.9	6358.7
67.5°	1362.3	1422.0	1867.9	2229.6	2422.7	2844.0	6214.8	*7770.2*	7826.4	5638.9	5073.6
70°	1053.3	1081.4	1341.3	1766.1	1959.2	1808.3	4051.9	*6256.9*	6256.9	4403.0	3595.4
72.5°	825.1	835.7	1011.2	1379.9	1576.5	1390.4	2257.7	*4550.5*	4381.9	2612.3	2398.1
75°	589.9	603.9	761.9	1028.8	1257.0	1095.5	1443.1	*2650.9*	2549.1	1502.8	1601.1
77.5°	467.0	474.0	568.8	758.4	1018.2	835.7	1099.0	*1446.6*	1432.6	1056.9	1028.8
80°	368.7	382.7	445.9	544.2	786.5	653.1	818.1	*955.0*	926.9	726.8	660.1
82.5°	263.3	287.9	344.1	414.3	582.9	467.0	537.2	*674.1*	674.1	547.7	435.4
85°	161.5	182.6	203.6	256.3	414.3	302.0	284.4	*435.4*	445.9	410.8	280.9
87.5°	77.2	84.3	98.3	108.8	151.0	136.9	112.4	*165.0*	168.5	182.6	115.9
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: P1456124
CATALOG NUMBER: GLAN-SB3B-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6	2380.6
2.5°	2401.6	2394.6	2359.5	2324.4	2285.8	2250.7	2215.5	2187.5	2155.9	2162.9	2166.4
5°	2447.3	2429.7	2352.5	2261.2	2141.8	2029.5	1920.6	1843.4	1794.2	1780.2	1752.1
7.5°	2545.6	2503.5	2363.0	2169.9	1948.7	1773.1	1671.3	1625.7	1611.6	1615.1	1608.1
10°	2658.0	2594.8	2377.1	2061.1	1780.2	1660.8	1646.7	1674.8	1688.9	1702.9	1706.4
12.5°	2805.4	2703.6	2370.0	1941.7	1699.4	1678.3	1731.0	1783.7	1815.3	1836.3	1832.8
15°	2977.5	2840.5	2349.0	1843.4	1688.9	1745.0	1811.8	1871.5	1910.1	1931.1	1920.6
17.5°	3184.6	3002.0	2324.4	1780.2	1720.5	1787.2	1857.4	1917.1	1959.2	1973.3	1962.7
20°	3440.9	3184.6	2282.3	1752.1	1745.0	1804.7	1867.9	1924.1	1959.2	1973.3	1959.2
22.5°	3742.9	3402.3	2247.1	1752.1	1755.6	1804.7	1850.4	1892.5	1924.1	1934.7	1917.1
25°	4129.1	3655.1	2233.1	1780.2	1759.1	1787.2	1811.8	1836.3	1853.9	1860.9	1853.9
27.5°	4522.4	3946.5	2240.1	1815.3	1755.6	1762.6	1762.6	1766.1	1769.6	1773.1	1769.6
30°	4975.3	4241.5	2268.2	1860.9	1762.6	1727.5	1717.0	1695.9	1678.3	1664.3	1650.2
32.5°	5414.2	4522.4	2317.4	1927.6	1755.6	1688.9	1667.8	1615.1	1566.0	1523.8	1523.8
35°	5888.2	4813.8	2405.1	1976.8	1748.6	1653.8	1594.1	1534.4	1481.7	1422.0	1422.0
37.5°	6295.5	5063.1	2475.4	2033.0	1741.5	1611.6	1516.8	1450.1	1393.9	1334.2	1327.2
40°	6579.9	5207.1	2517.5	2054.0	1717.0	1555.4	1443.1	1358.8	1278.1	1197.3	1193.8
42.5°	6716.9	5200.0	2492.9	2047.0	1671.3	1485.2	1379.9	1267.5	1158.7	1085.0	1077.9
45°	6790.6	5154.4	2398.1	1987.3	1597.6	1411.5	1299.1	1179.8	1070.9	1004.2	990.1
47.5°	6776.5	5042.0	2268.2	1839.9	1499.3	1330.7	1218.4	1095.5	1007.7	969.1	969.1
50°	6815.2	4954.3	2120.7	1671.3	1365.8	1235.9	1144.6	1032.3	979.6	930.5	912.9
52.5°	6987.2	5028.0	1994.3	1513.3	1239.4	1144.6	1081.4	986.6	919.9	888.3	877.8
55°	7215.4	5186.0	1875.0	1372.9	1116.6	1063.9	1032.3	944.5	867.3	835.7	818.1
57.5°	7257.6	5294.8	1759.1	1235.9	1014.7	1000.7	990.1	870.8	807.6	783.0	768.9
60°	6966.2	5214.1	1608.1	1113.0	934.0	941.0	912.9	825.1	751.4	726.8	712.8
62.5°	6471.1	5003.4	1457.1	1007.7	870.8	884.8	856.7	768.9	695.2	670.6	663.6
63°	*6372.8*	*4947.2*	*1422.0*	*997.2*	*856.7*	*874.3*	*849.7*	*761.9*	*688.2*	*663.6*	*653.1*
65°	5786.4	4610.2	1299.1	941.0	811.1	811.1	814.6	726.8	663.6	653.1	646.1
67.5°	4719.0	3848.2	1165.7	874.3	761.9	772.5	790.0	740.9	716.3	709.3	702.2
70°	3567.3	2896.7	1049.8	811.1	709.3	744.4	863.7	842.7	751.4	688.2	674.1
72.5°	2528.0	1973.3	948.0	747.9	646.1	733.8	895.3	804.1	677.7	603.9	589.9
75°	1692.4	1271.0	846.2	681.2	575.8	677.7	846.2	733.8	589.9	572.3	551.3
77.5°	1063.9	905.9	744.4	603.9	498.6	603.9	768.9	653.1	509.1	516.1	484.5
80°	649.6	646.1	625.0	512.6	400.3	481.0	646.1	551.3	407.3	407.3	361.7
82.5°	386.2	467.0	530.2	424.9	291.4	344.1	467.0	414.3	340.6	330.0	309.0
85°	259.8	316.0	421.3	326.5	186.1	210.7	323.0	347.6	312.5	273.9	256.3
87.5°	94.8	126.4	193.1	133.4	80.8	126.4	242.3	252.8	189.6	147.5	133.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

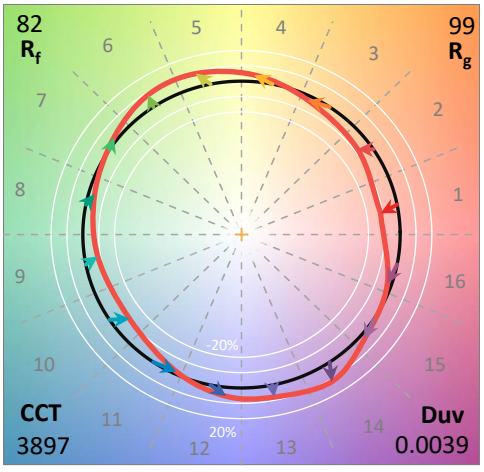
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

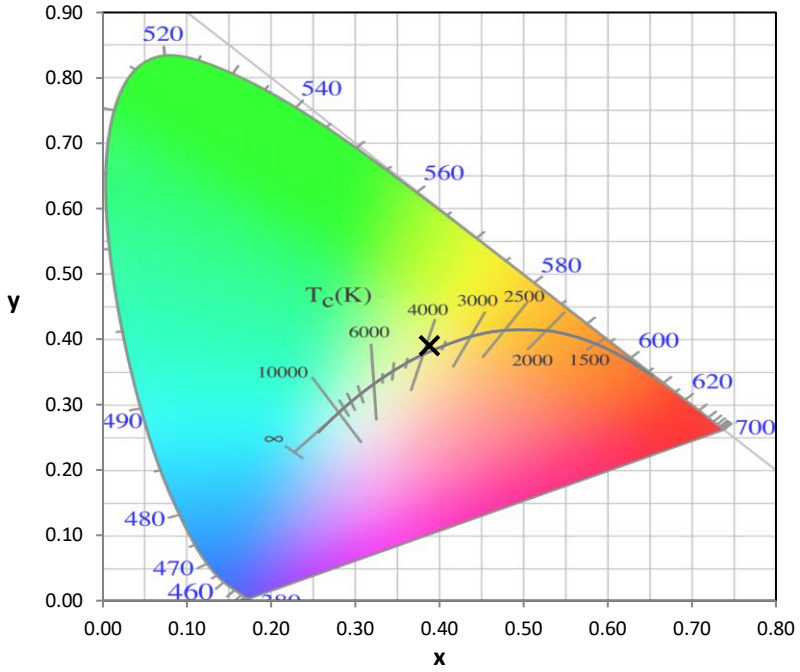
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

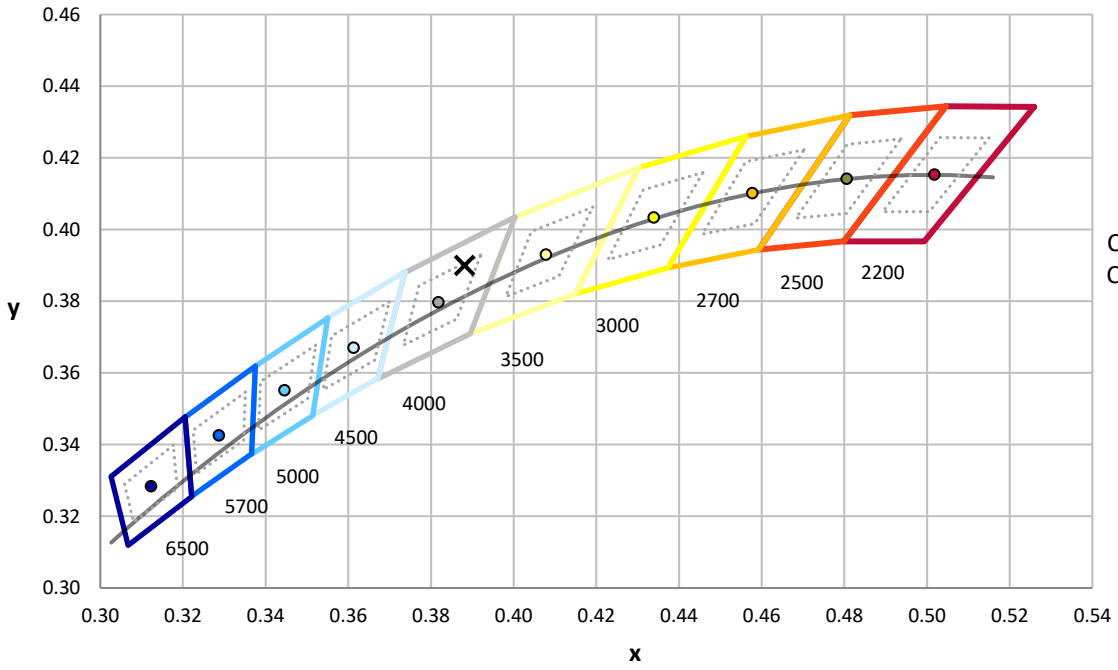
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

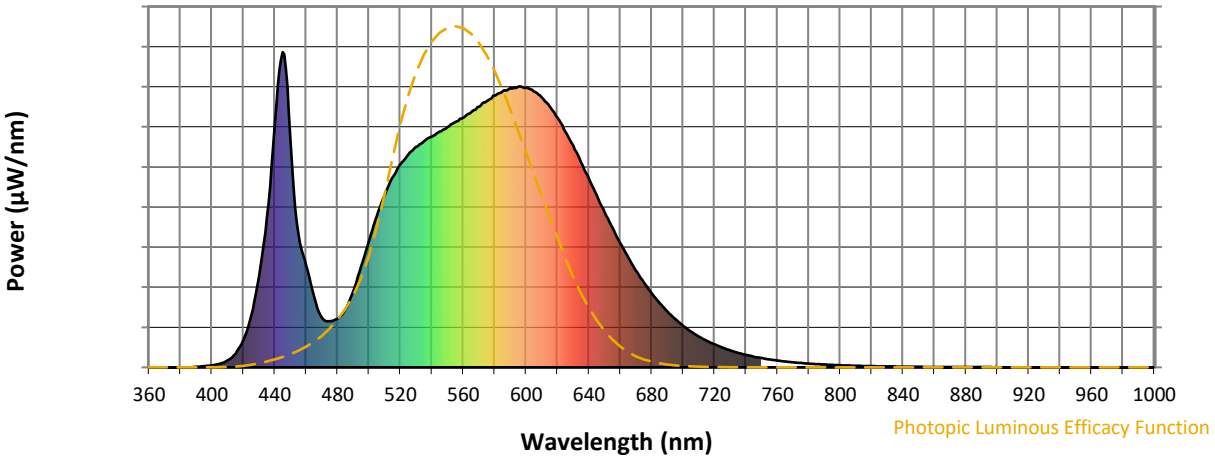


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

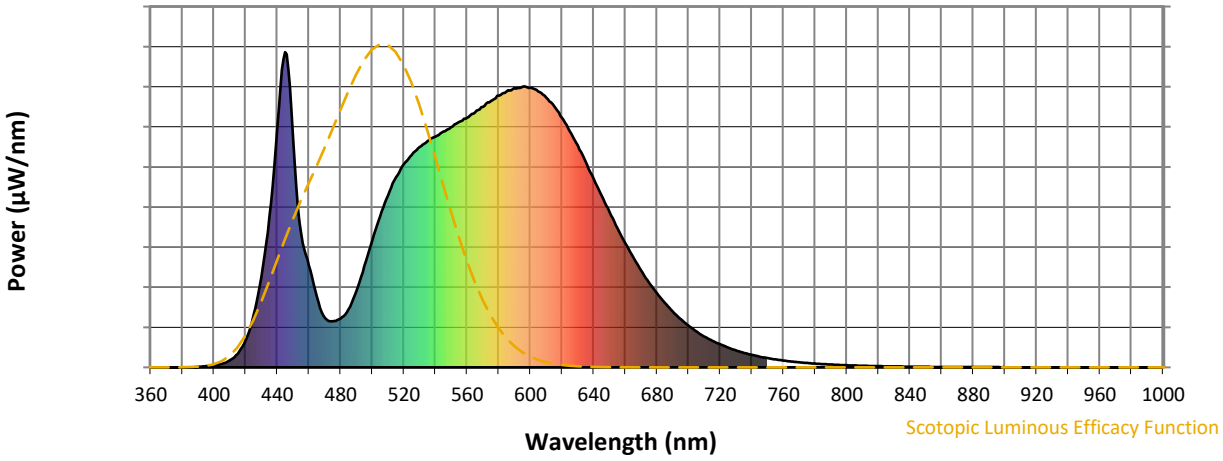


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

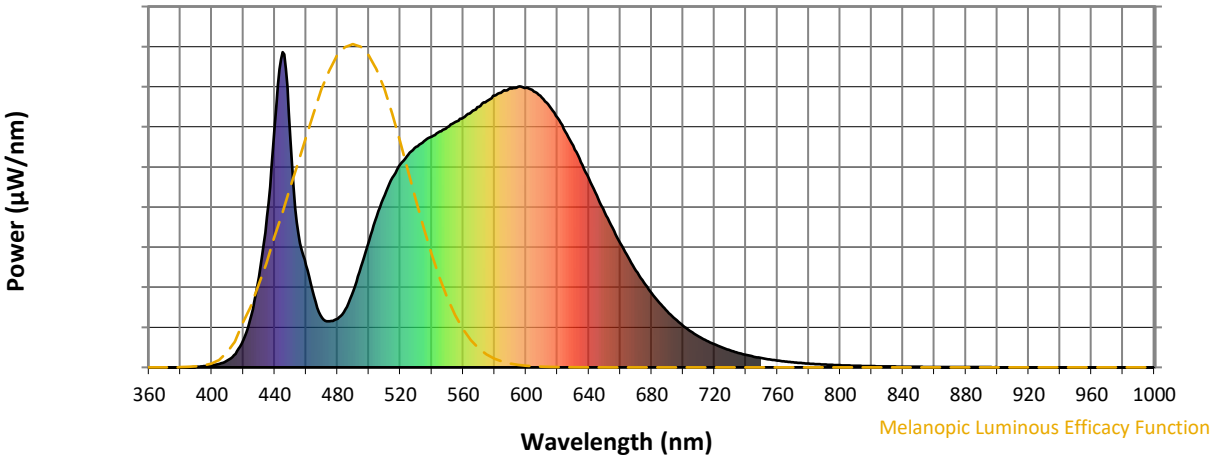


Scotopic Lumens: NR **S/P: 1.57**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

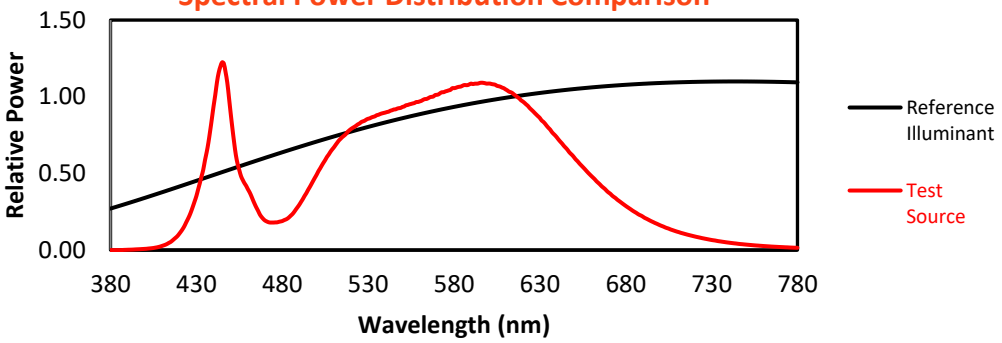
REPORT NUMBER: SP1-2407-184-11

TM-30-18

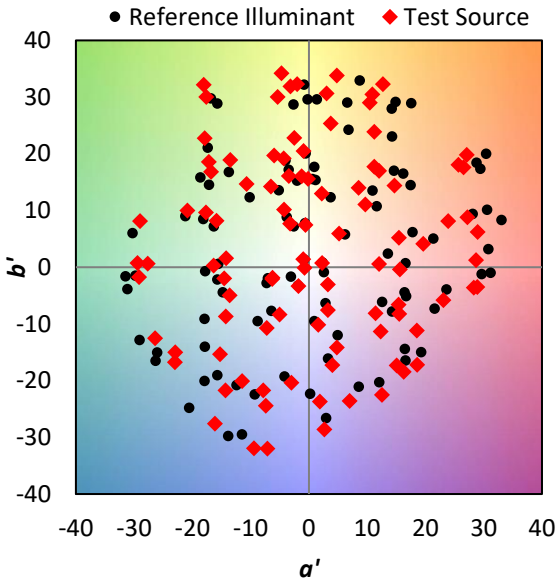
Summary

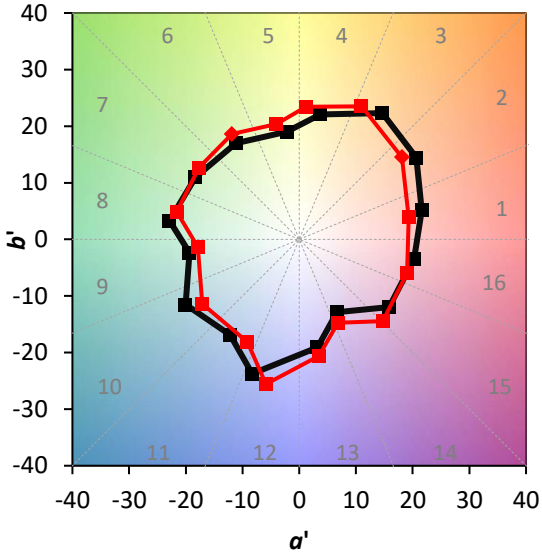
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

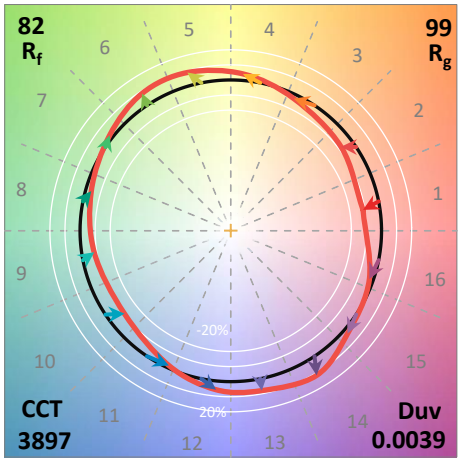
Spectral Power Distribution Comparison

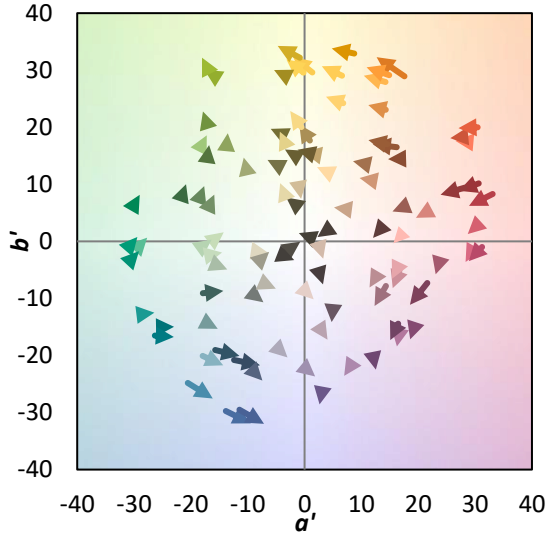


Color Vector Graphics







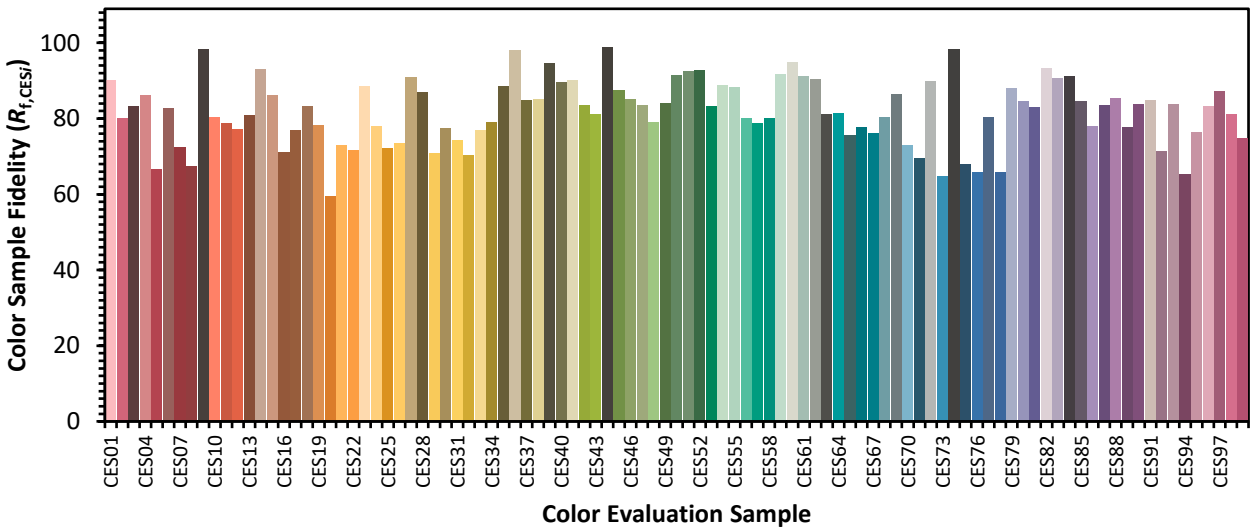


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

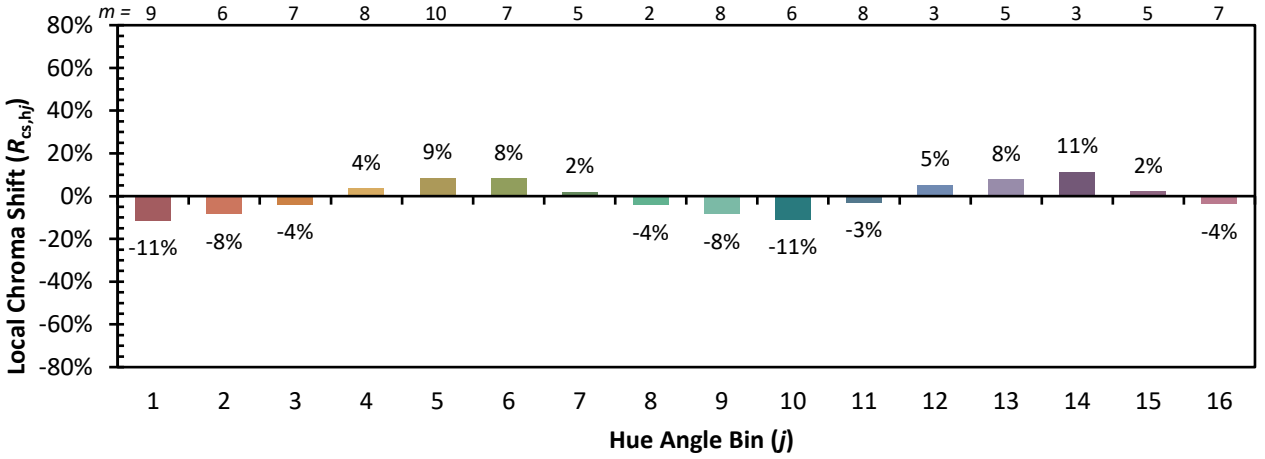
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

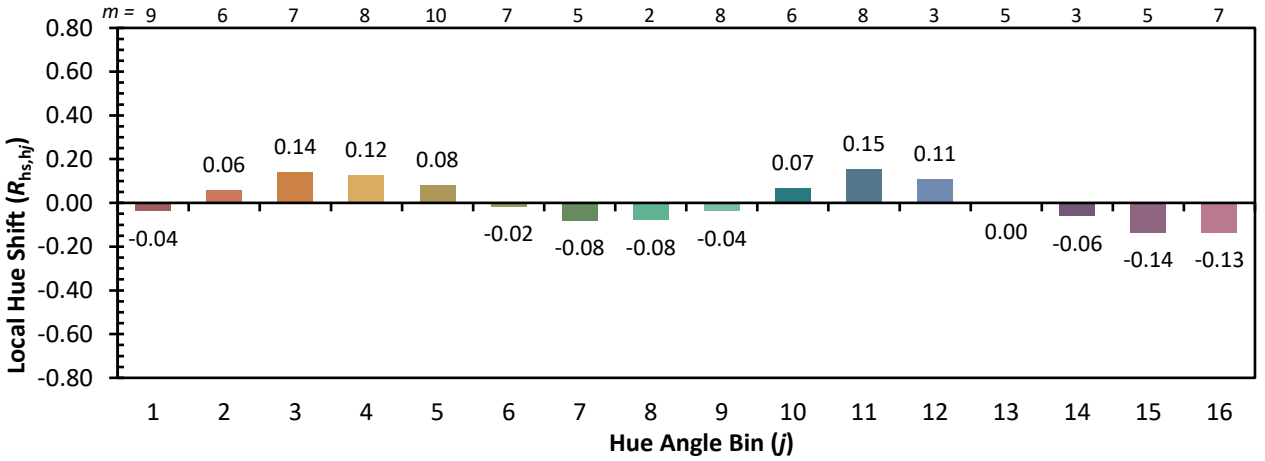


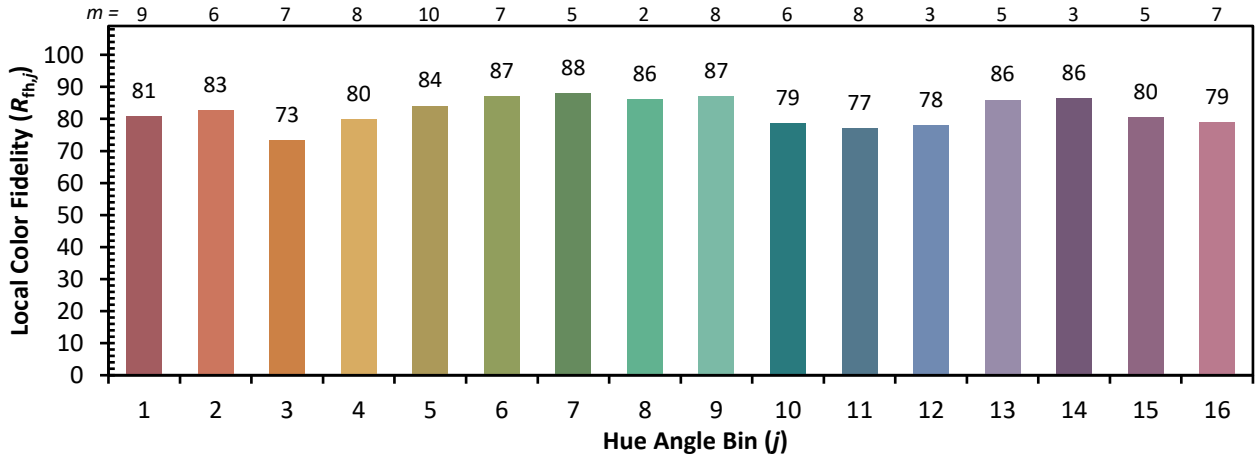
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



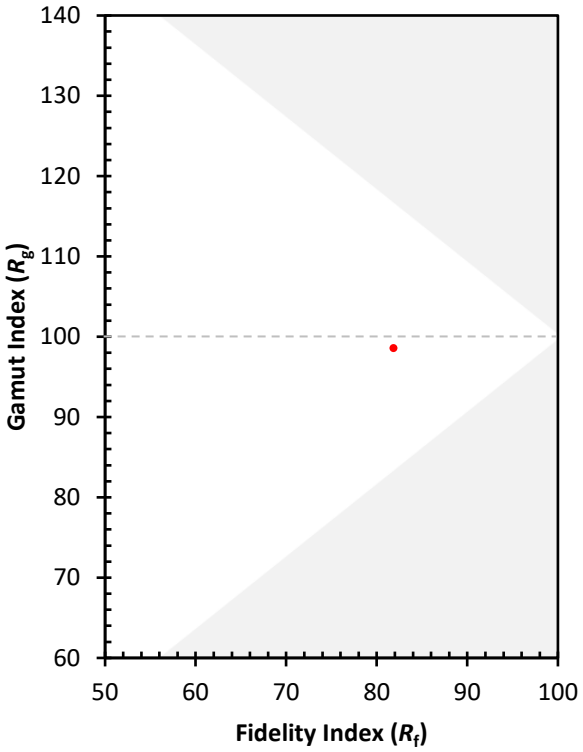


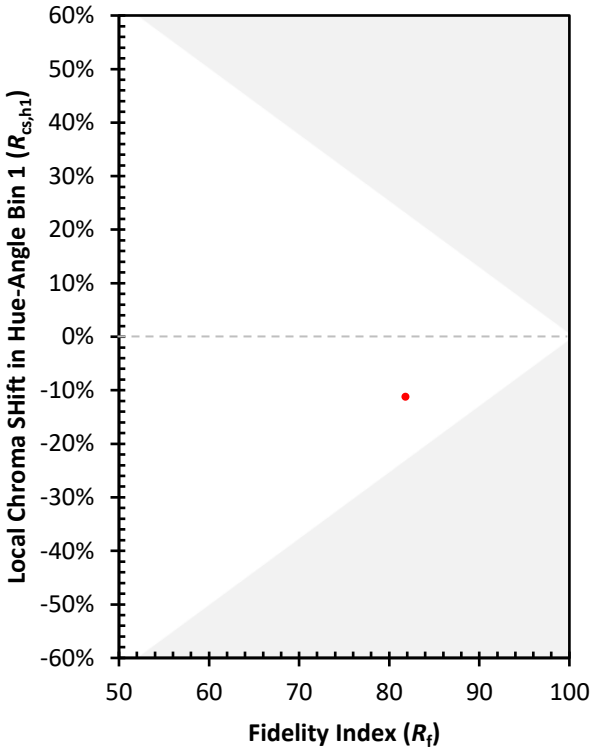


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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