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: P1457311

Luminaire Tested: GLAN-SB3A-850-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:	P1457311
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-850-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(78) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12597.5 lumens
Efficiency:	N/A
Efficacy:	148.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	84.7
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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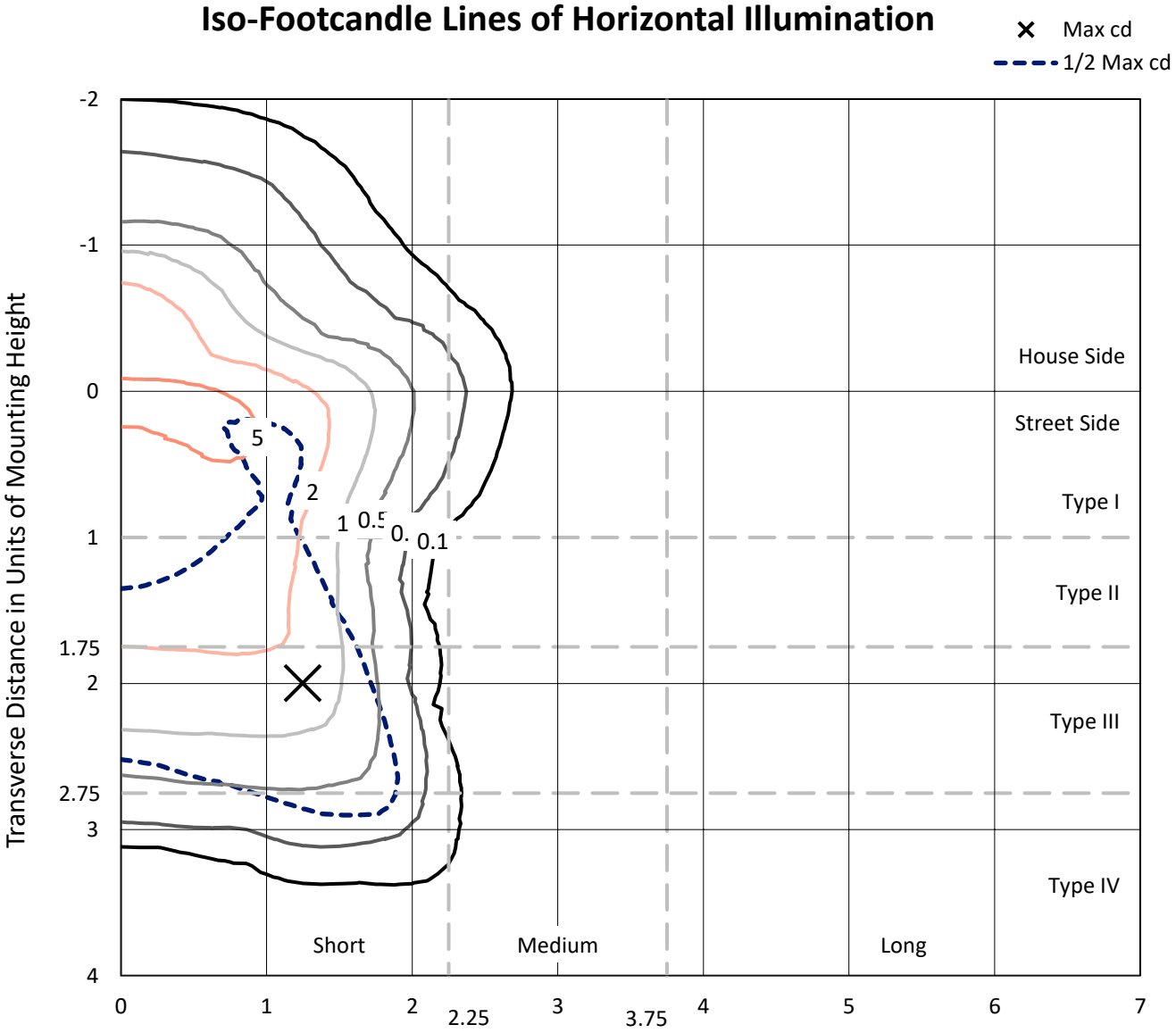
Scaled Data Report

REPORT NUMBER: P1457311
CATALOG NUMBER: GLAN-SB3A-850-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type IV - Short - N/A

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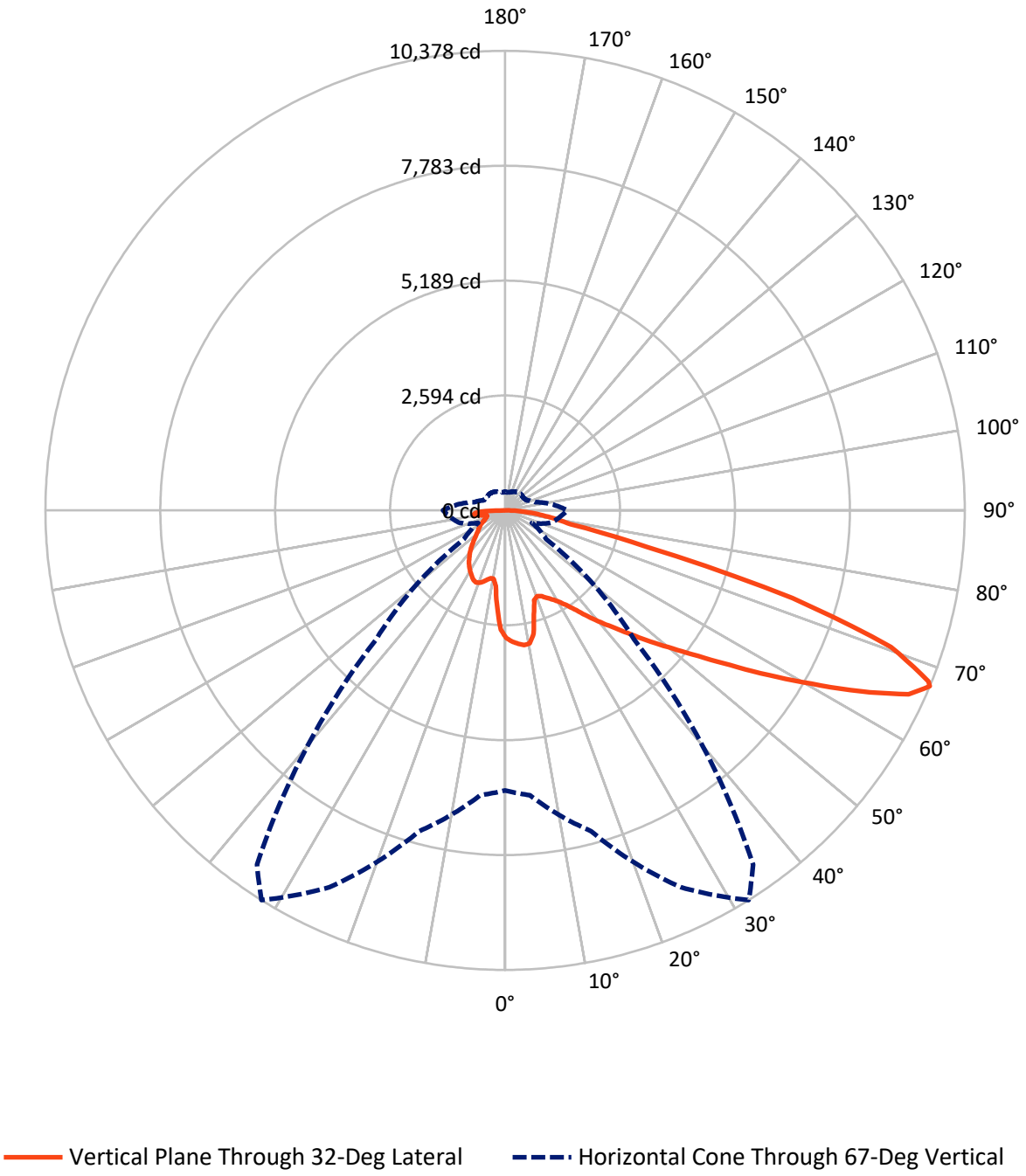
Luminous Intensity Polar Plot



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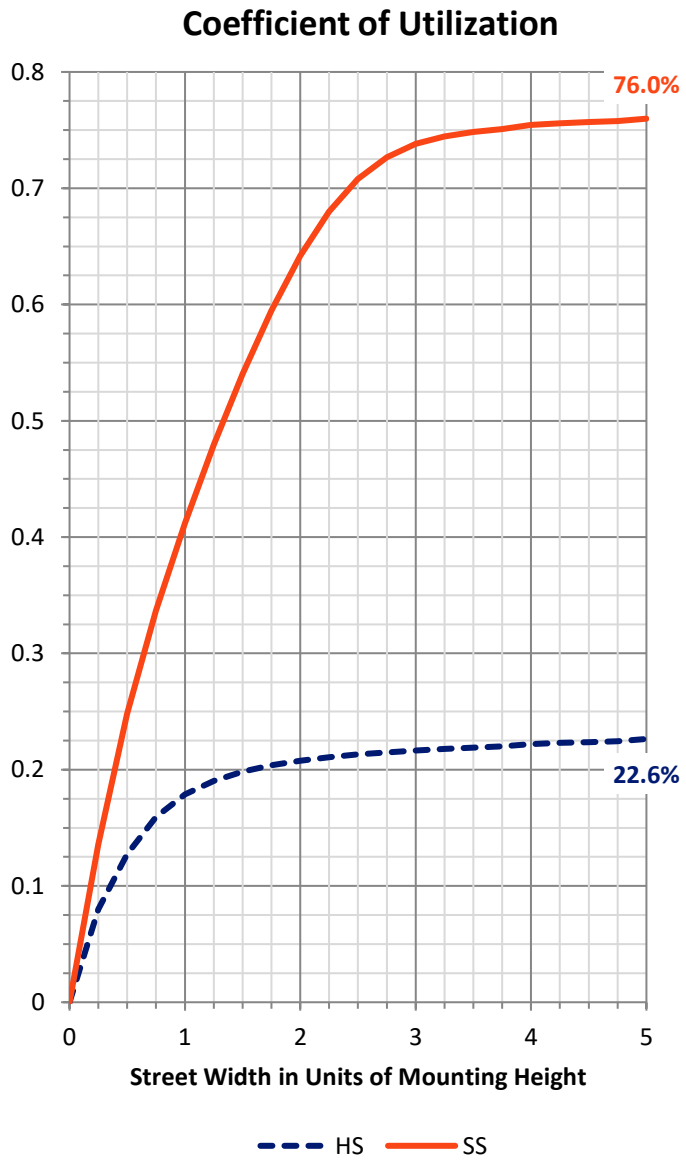
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2982.4	0.0	2982.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	9615.1	0.0	9615.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	12597.5	0.0	12597.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.5	2.0
10°-20°	667.7	5.3
20°-30°	1090.4	8.7
30°-40°	1607.2	12.8
40°-50°	2216.4	17.6
50°-60°	2800.0	22.2
60°-70°	2709.9	21.5
70°-80°	967.1	7.7
80°-90°	287.2	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°	12597.5	100.0
0°-180°	12597.5	100.0



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REPORT NUMBER: P1457311
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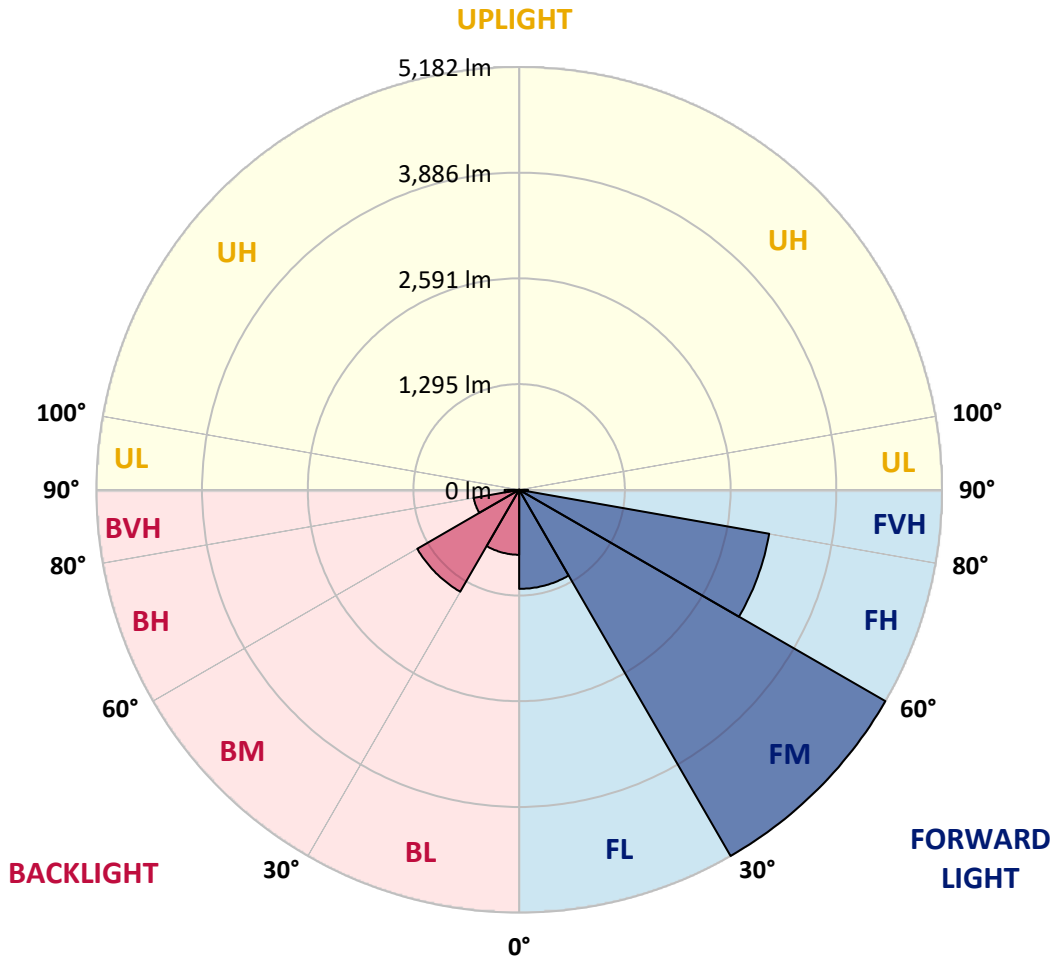
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1213.8	9.6			
FM	(30°-60°)	5181.8	41.1			
FH	(60°-80°)	3111.3	24.7			G2/5000
FVH	(80°-90°)	108.2	0.9			G2/225
BL	(0°-30°)	795.9	6.3	B2/1000		
BM	(30°-60°)	1441.9	11.4	B2/2500		
BH	(60°-80°)	565.7	4.5	B2/1000		G2/1000
BVH	(80°-90°)	179.0	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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REPORT NUMBER: P1457311
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3
2.5°	2987.4	2979.0	2970.6	2976.2	2965.0	2962.2	2948.2	2942.6	2925.8	2923.0	2892.3
5°	3048.9	3032.1	3029.3	3034.9	3023.7	3023.7	3012.6	3004.2	2979.0	2965.0	2920.2
7.5°	3048.9	3046.1	3051.7	3071.3	3074.1	3074.1	3074.1	3076.9	3051.7	3032.1	2962.2
10°	2875.5	2847.5	2909.1	3007.0	3054.5	3082.5	3132.8	3163.6	3144.0	3130.0	3034.9
12.5°	2358.0	2360.8	2458.7	2668.5	2858.7	2939.8	3149.6	3261.5	3269.9	3247.5	3127.2
15°	2000.0	2014.0	2064.3	2215.4	2433.5	2553.8	3051.7	3348.2	3415.3	3393.0	3239.1
17.5°	1890.9	1899.3	1921.7	2008.4	2131.4	2229.3	2786.0	3404.2	3591.6	3563.6	3365.0
20°	1874.1	1879.7	1907.7	1980.4	2064.3	2120.3	2514.7	3359.4	3756.6	3745.4	3479.7
22.5°	1876.9	1882.5	1918.9	2019.6	2106.3	2153.8	2427.9	3255.9	3930.0	3941.2	3597.2
25°	1882.5	1885.3	1941.2	2075.5	2184.6	2243.3	2483.9	3163.6	4075.5	4170.6	3725.8
27.5°	1913.3	1921.7	1997.2	2148.2	2276.9	2344.0	2615.4	3194.4	4234.9	4430.7	3879.7
30°	1997.2	2002.8	2095.1	2251.7	2391.6	2461.5	2772.0	3317.4	4430.7	4699.2	4030.7
32.5°	2128.6	2134.2	2240.5	2402.8	2553.8	2637.7	2976.2	3552.4	4648.9	4981.8	4181.8
35°	2310.5	2313.3	2433.5	2607.0	2766.4	2861.5	3213.9	3818.1	4875.5	5222.3	4293.7
37.5°	2525.8	2545.4	2668.5	2850.3	3037.7	3124.4	3493.7	4128.6	5076.9	5426.5	4358.0
40°	2822.3	2827.9	2948.2	3124.4	3323.0	3407.0	3773.4	4422.3	5297.8	5546.8	4416.7
42.5°	3127.2	3174.8	3275.5	3471.3	3619.5	3686.7	4092.3	4690.9	5474.1	5552.4	4391.6
45°	3535.6	3572.0	3672.7	3846.1	3994.4	4072.7	4436.3	4937.0	5563.6	5504.8	4335.6
47.5°	4002.8	4025.1	4106.2	4262.9	4427.9	4483.9	4794.3	5076.9	5597.1	5471.3	4310.4
50°	4553.8	4553.8	4612.5	4746.8	4897.8	4976.2	5124.4	5160.8	5695.0	5412.5	4374.8
52.5°	5018.1	5040.5	5118.8	5309.0	5460.1	5549.6	5381.8	5289.4	5496.4	5085.3	4394.4
55°	5462.9	5488.0	5664.3	5902.0	6159.4	6257.3	5703.4	5225.1	4827.9	4606.9	4260.1
57.5°	5888.0	5941.2	6162.2	6626.5	7015.3	7006.9	6111.8	4648.9	3941.2	4078.3	3966.4
60°	6481.0	6537.0	6889.4	7474.0	7949.6	7751.0	6117.4	3868.5	3071.3	3255.9	3415.3
62.5°	6976.1	7071.2	7588.7	8562.1	8998.5	8688.0	5611.1	2962.2	2039.1	2271.3	2640.5
65°	6931.4	7057.3	7860.0	9362.1	10013.9	9725.8	4869.9	1874.1	1051.7	1552.4	1848.9
67°	6321.6	6458.7	7499.2	9390.1	10377.5	9762.1	4111.8	1132.9	668.5	1076.9	1283.9
67.5°	5972.0	6173.4	7320.2	9337.0	10310.4	9608.3	3770.6	948.2	629.4	1001.4	1169.2
70°	3672.7	3997.2	5493.6	8254.4	9241.8	8041.9	2095.1	537.1	511.9	671.3	808.4
72.5°	1104.9	1202.8	2120.3	5295.0	6783.1	5960.8	942.6	414.0	458.7	539.9	623.8
75°	537.1	573.4	875.5	2165.0	3303.5	3286.7	525.9	355.2	425.2	453.1	492.3
77.5°	344.1	366.4	545.4	1211.2	1513.3	1348.2	380.4	310.5	377.6	372.0	366.4
80°	215.4	226.6	349.6	702.1	1116.1	931.5	279.7	254.5	324.5	288.1	260.1
82.5°	139.9	153.8	223.8	428.0	797.2	693.7	184.6	181.8	268.5	229.4	201.4
85°	92.3	103.5	142.7	251.7	472.7	495.1	120.3	125.9	207.0	173.4	153.8
87.5°	33.6	42.0	72.7	111.9	221.0	274.1	50.3	47.6	100.7	81.1	64.3
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: P1457311
CATALOG NUMBER: GLAN-SB3A-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3	2878.3
2.5°	2886.7	2878.3	2839.1	2805.6	2780.4	2746.8	2710.5	2668.5	2640.5	2646.1	2637.7
5°	2900.7	2878.3	2802.8	2688.1	2576.2	2436.3	2257.3	2151.0	2069.9	2027.9	2039.1
7.5°	2931.4	2892.3	2732.8	2500.7	2209.8	1924.5	1748.2	1647.5	1600.0	1580.4	1577.6
10°	2984.6	2917.4	2643.3	2209.8	1829.3	1636.3	1572.0	1544.0	1538.4	1538.4	1535.6
12.5°	3048.9	2942.6	2492.3	1927.3	1647.5	1577.6	1566.4	1569.2	1577.6	1586.0	1572.0
15°	3127.2	2953.8	2304.9	1756.6	1611.2	1594.4	1611.2	1630.8	1644.7	1655.9	1641.9
17.5°	3205.6	2942.6	2128.6	1675.5	1616.8	1639.1	1672.7	1703.5	1711.9	1728.7	1717.5
20°	3261.5	2903.5	1977.6	1644.7	1630.8	1681.1	1723.1	1756.6	1773.4	1784.6	1773.4
22.5°	3303.5	2853.1	1868.5	1614.0	1630.8	1692.3	1742.6	1781.8	1801.4	1812.6	1798.6
25°	3339.8	2783.2	1784.6	1569.2	1597.2	1655.9	1711.9	1751.0	1779.0	1795.8	1787.4
27.5°	3384.6	2727.2	1706.3	1502.1	1527.3	1583.2	1641.9	1689.5	1742.6	1770.6	1765.0
30°	3434.9	2699.3	1630.8	1429.4	1446.1	1502.1	1572.0	1636.3	1709.1	1745.4	1745.4
32.5°	3493.7	2679.7	1560.8	1359.4	1373.4	1434.9	1502.1	1560.8	1639.1	1697.9	1695.1
35°	3518.8	2657.3	1504.9	1295.1	1323.1	1373.4	1426.6	1465.7	1546.8	1616.8	1622.4
37.5°	3544.0	2648.9	1476.9	1244.7	1267.1	1306.3	1334.3	1353.8	1429.4	1502.1	1504.9
40°	3574.8	2688.1	1496.5	1211.2	1191.6	1230.8	1244.7	1255.9	1295.1	1342.6	1342.6
42.5°	3555.2	2716.1	1541.2	1180.4	1099.3	1144.0	1149.6	1146.8	1149.6	1152.4	1149.6
45°	3504.9	2688.1	1541.2	1132.9	1001.4	1048.9	1046.1	1032.2	1009.8	951.0	942.6
47.5°	3493.7	2671.3	1482.5	1054.5	903.5	942.6	948.2	920.3	855.9	794.4	774.8
50°	3541.2	2702.1	1390.2	959.4	819.6	853.1	867.1	819.6	746.8	682.5	671.3
52.5°	3611.1	2741.2	1255.9	855.9	749.6	783.2	800.0	746.8	671.3	621.0	615.4
55°	3602.8	2741.2	1104.9	760.8	696.5	721.7	749.6	693.7	635.0	607.0	604.2
57.5°	3420.9	2637.7	993.0	693.7	646.1	668.5	704.9	651.7	595.8	601.4	609.8
60°	3065.7	2369.2	909.1	648.9	601.4	623.8	662.9	601.4	528.7	509.1	509.1
62.5°	2525.8	1952.4	841.9	604.2	559.4	587.4	607.0	525.9	478.3	455.9	455.9
65°	1893.7	1510.5	772.0	567.8	523.1	553.8	531.5	492.3	444.8	428.0	430.8
67°	*1404.2*	*1172.0*	*713.3*	*537.1*	*500.7*	*514.7*	*497.9*	*469.9*	*422.4*	*408.4*	*422.4*
67.5°	1261.5	1113.3	699.3	528.7	495.1	506.3	489.5	467.1	416.8	402.8	416.8
70°	867.1	855.9	623.8	489.5	464.3	453.1	461.5	433.6	391.6	386.0	400.0
72.5°	660.1	682.5	559.4	455.9	430.8	416.8	436.4	408.4	366.4	374.8	388.8
75°	517.5	551.0	500.7	408.4	391.6	394.4	433.6	422.4	388.8	397.2	400.0
77.5°	383.2	444.8	428.0	355.2	341.3	380.4	489.5	523.1	464.3	450.3	430.8
80°	279.7	318.9	360.8	293.7	285.3	366.4	604.2	668.5	573.4	517.5	503.5
82.5°	207.0	223.8	296.5	235.0	207.0	327.3	671.3	786.0	682.5	576.2	559.4
85°	148.3	173.4	235.0	173.4	137.1	268.5	657.3	769.2	676.9	545.4	531.5
87.5°	53.1	75.5	100.7	78.3	69.9	184.6	542.7	553.8	422.4	193.0	195.8
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

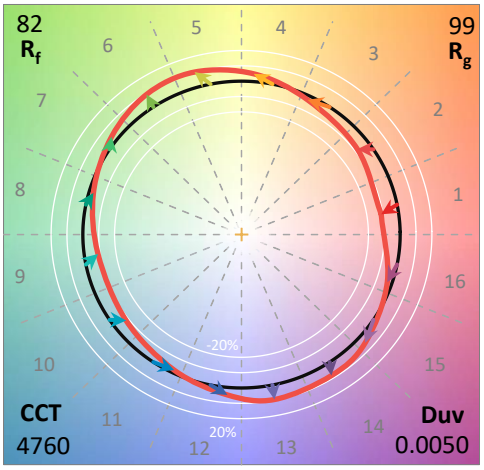
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1
R1:	79.8
R2:	83.5
R3:	87.9
R4:	83.1
R5:	80.5
R6:	79.1
R7:	86.1
R8:	69.0
R9:	8.7
R10:	62.4
R11:	83.8
R12:	63.0
R13:	79.9
R14:	93.3
R15:	72.7



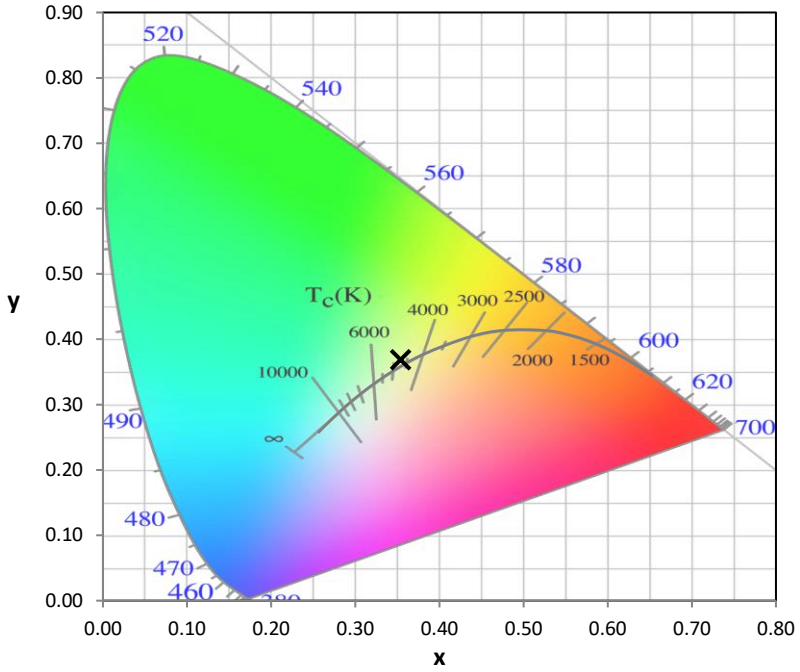
Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

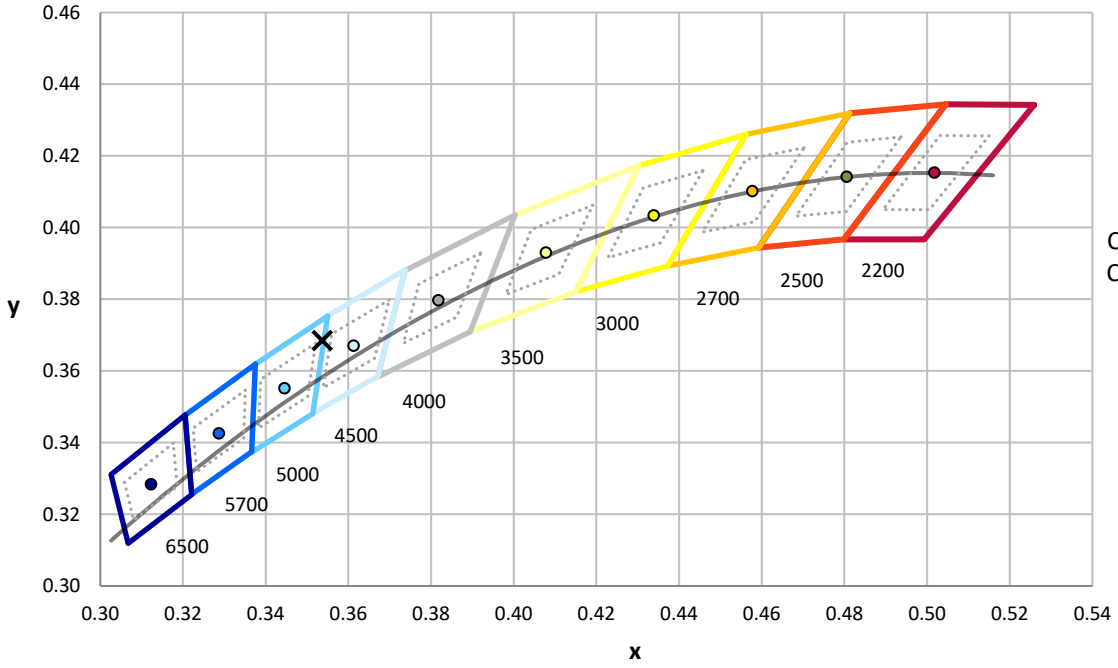
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

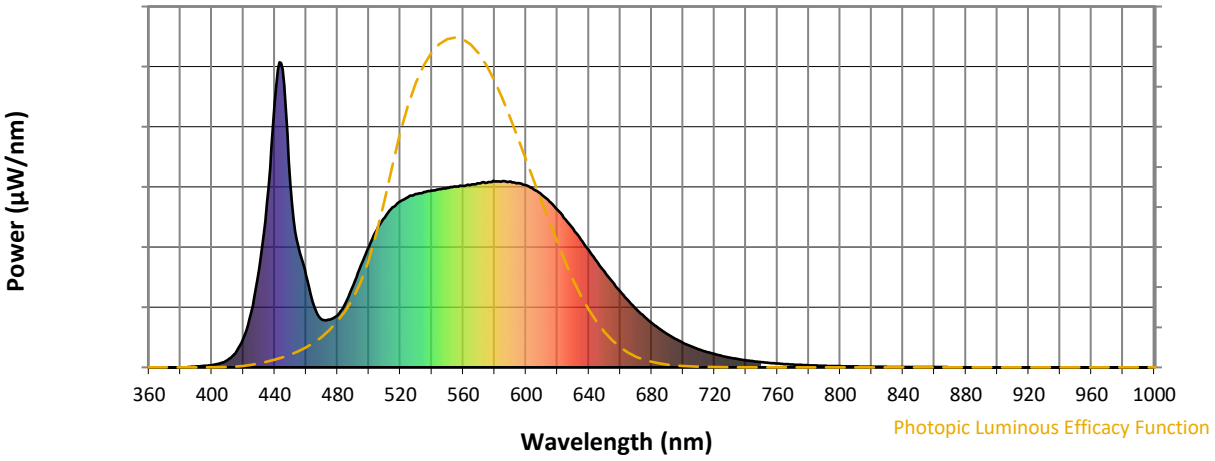


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

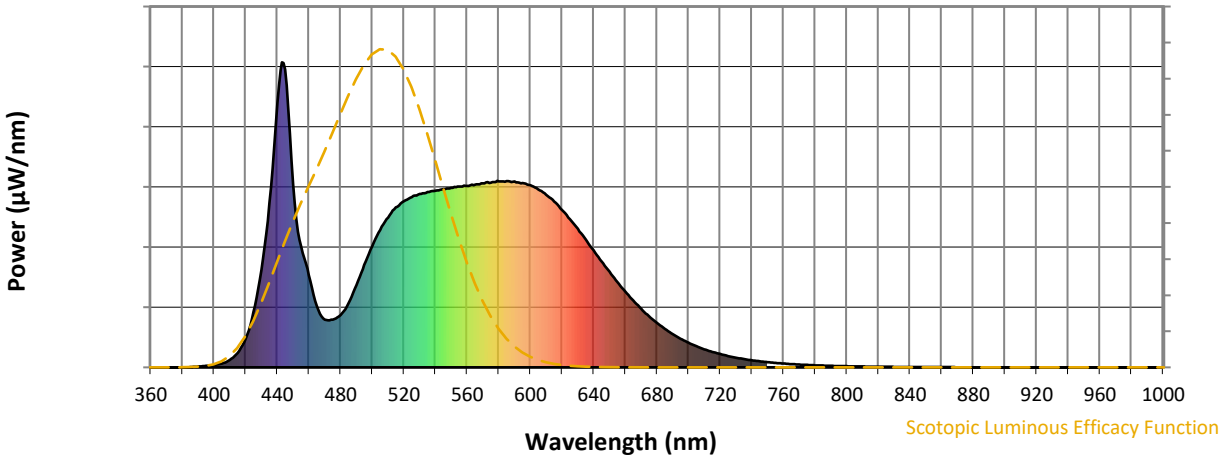


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength

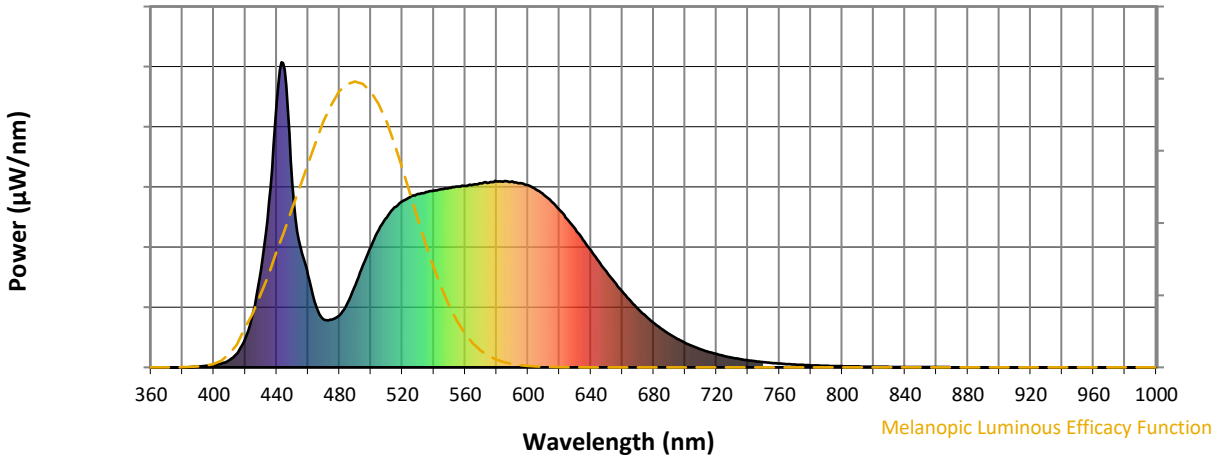


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

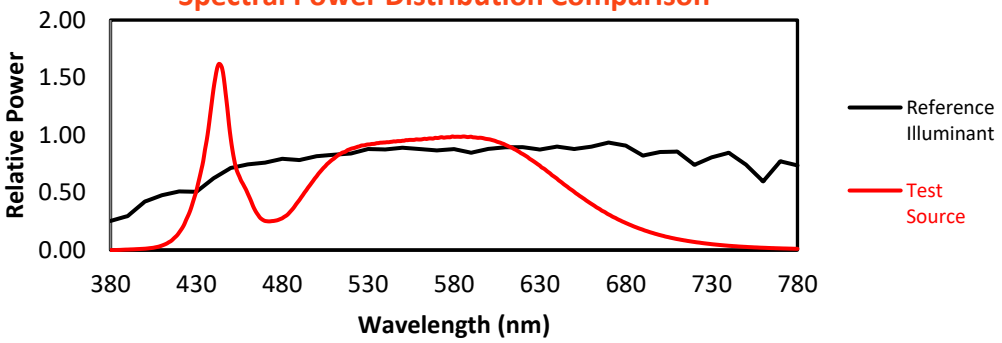
REPORT NUMBER: SP1-2407-184-12

TM-30-18

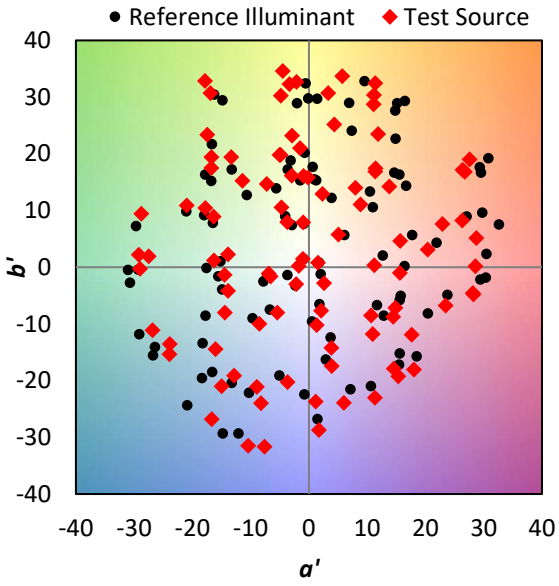
Summary

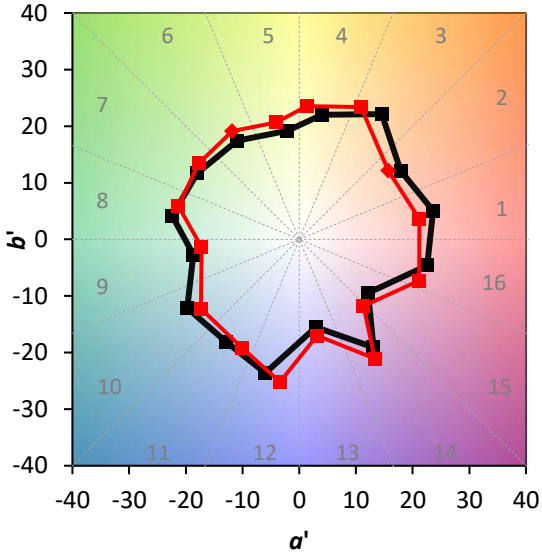
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

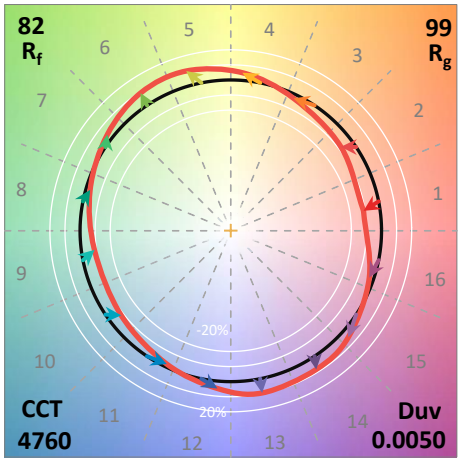
Spectral Power Distribution Comparison

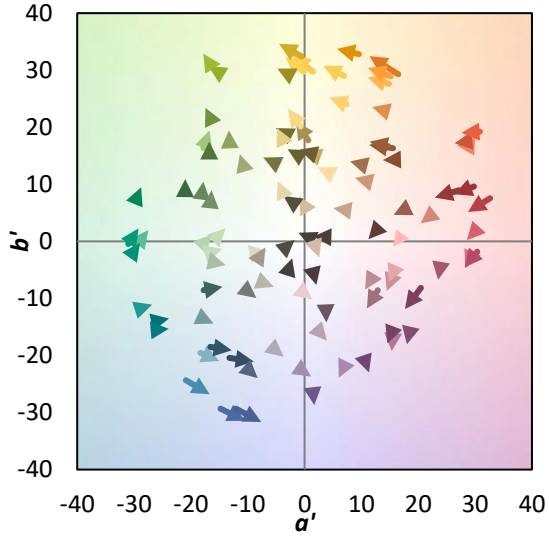


Color Vector Graphics







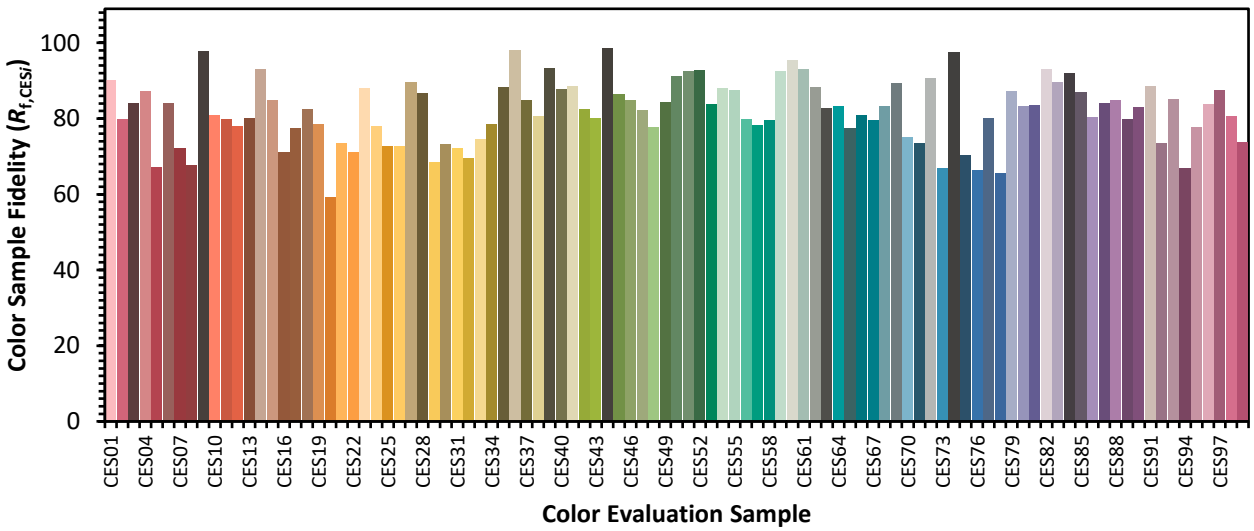


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

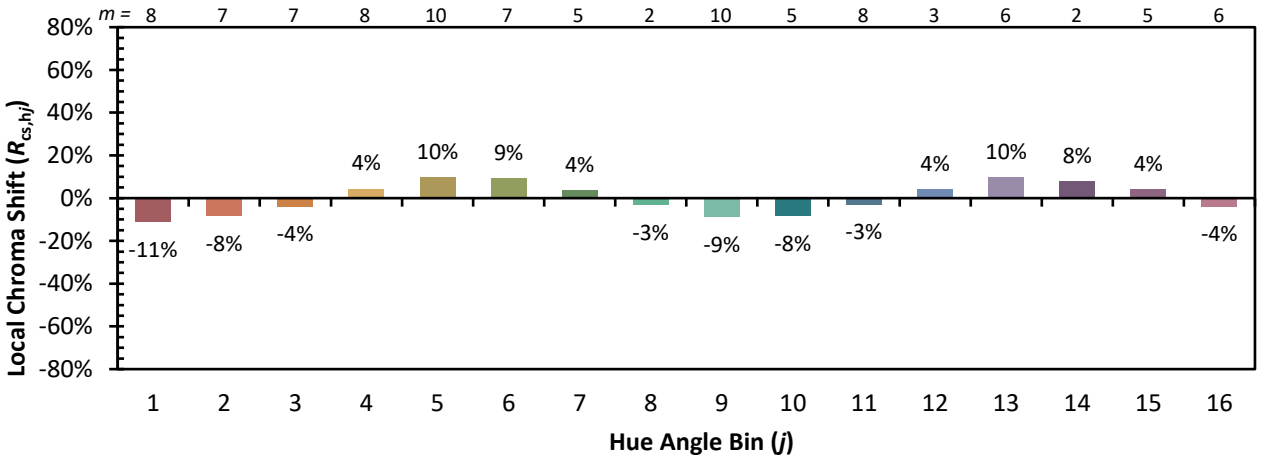
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

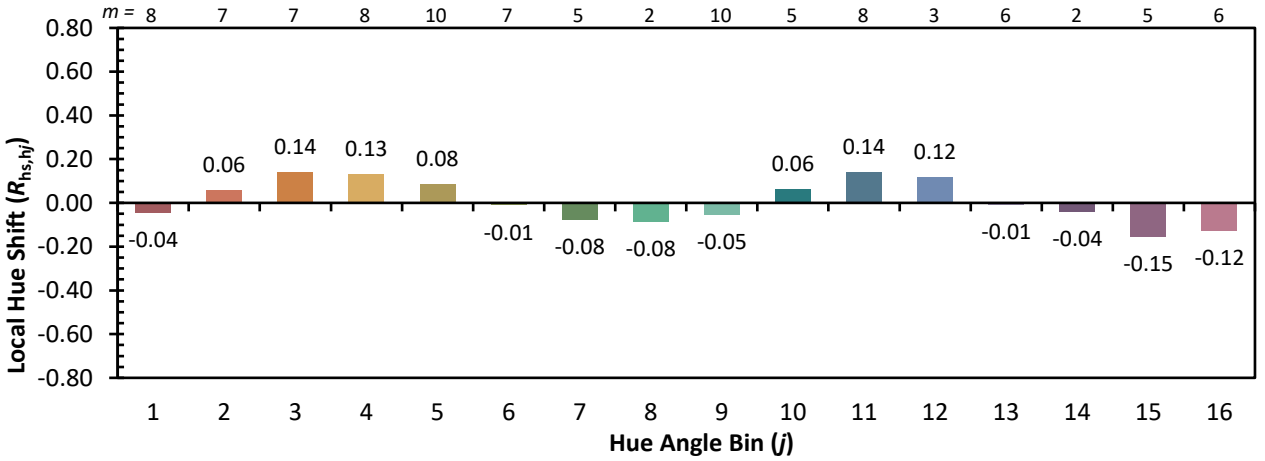


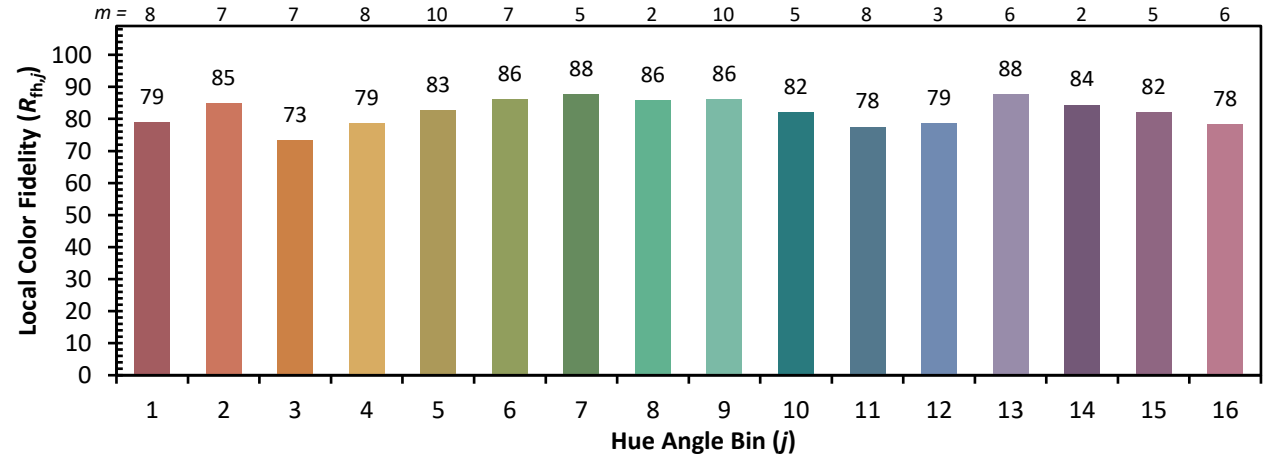
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



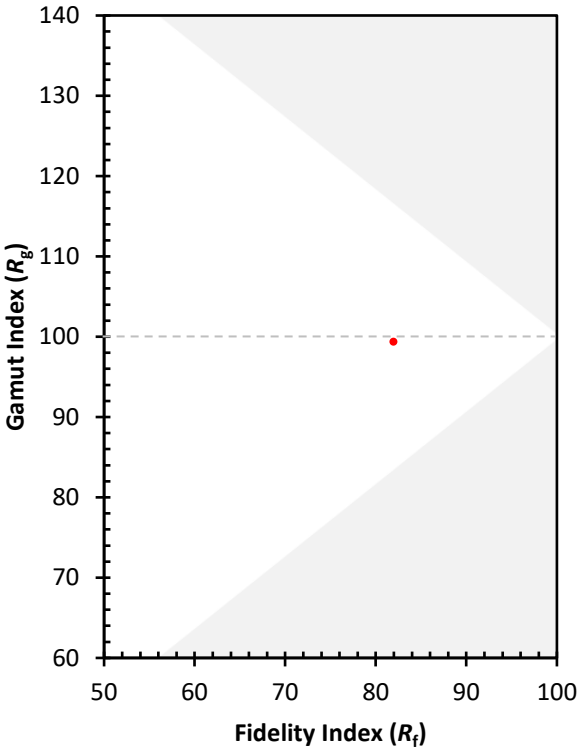


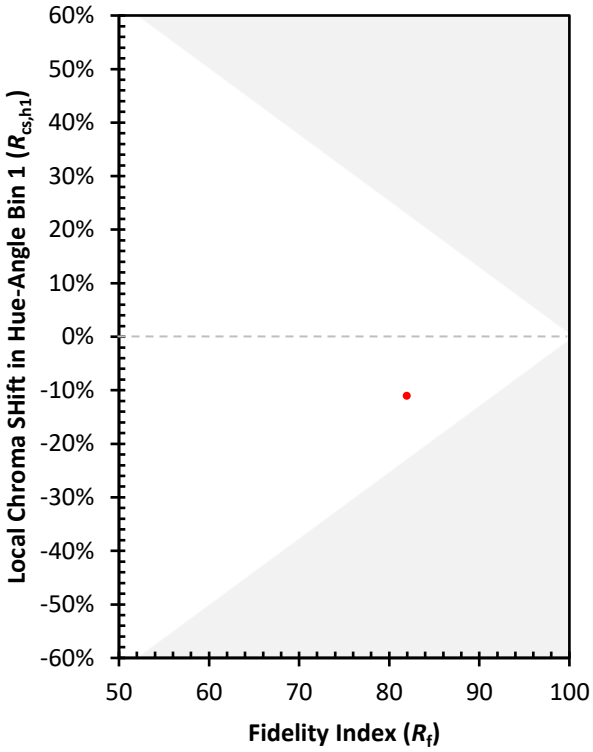


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





(END OF REPORT)