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: P1458467

Luminaire Tested: GLAN-SB4A-850-U-T3LG-HSS

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:	P1458467
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-850-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13141.8 lumens
Efficiency:	N/A
Efficacy:	115.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	114
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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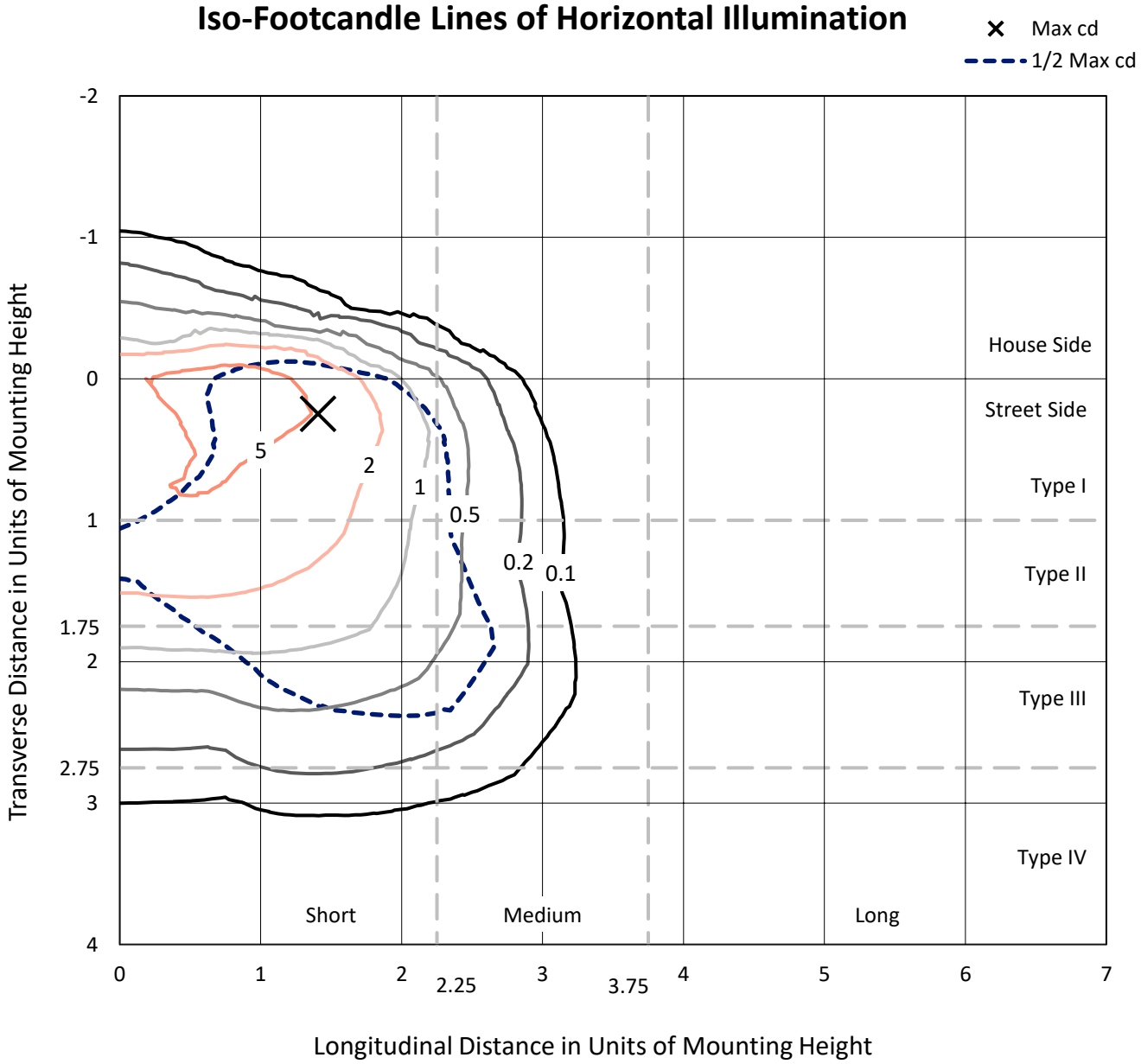
REPORT NUMBER: P1458467
CATALOG NUMBER: GLAN-SB4A-850-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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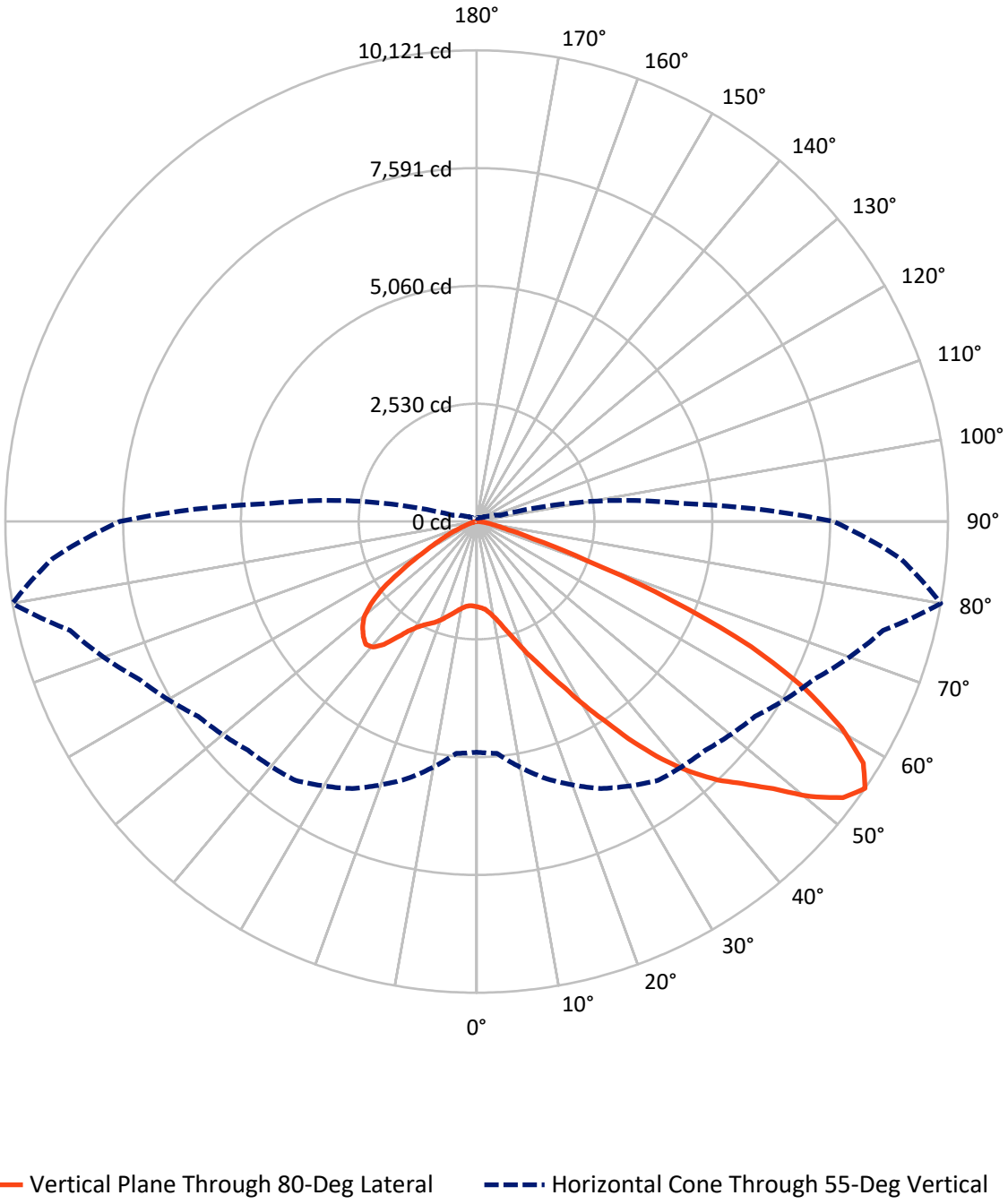
Luminous Intensity Polar Plot



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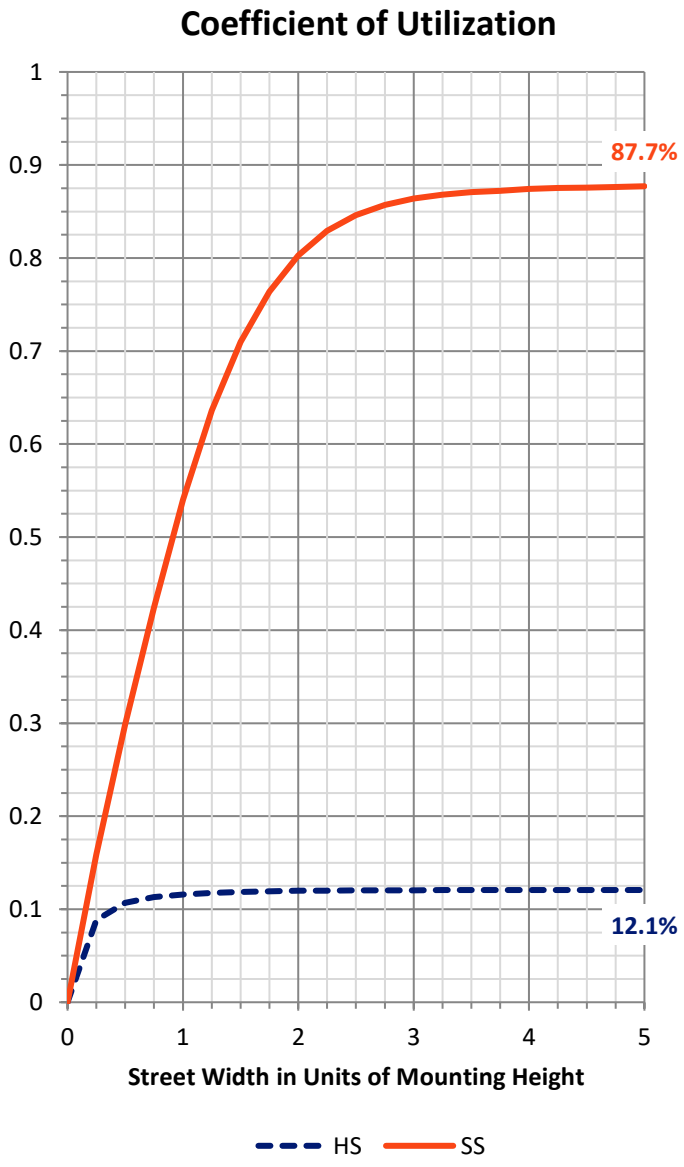
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1597.5	0.0	1597.5
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	11544.3	0.0	11544.3
	% Fixture	87.8	0.0	87.8
Total	Lumens	13141.8	0.0	13141.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.6	1.2
10°-20°	405.0	3.1
20°-30°	792.9	6.0
30°-40°	1613.1	12.3
40°-50°	2719.5	20.7
50°-60°	3474.7	26.4
60°-70°	2966.5	22.6
70°-80°	948.0	7.2
80°-90°	68.4	0.5
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°	13141.8	100.0
0°-180°	13141.8	100.0



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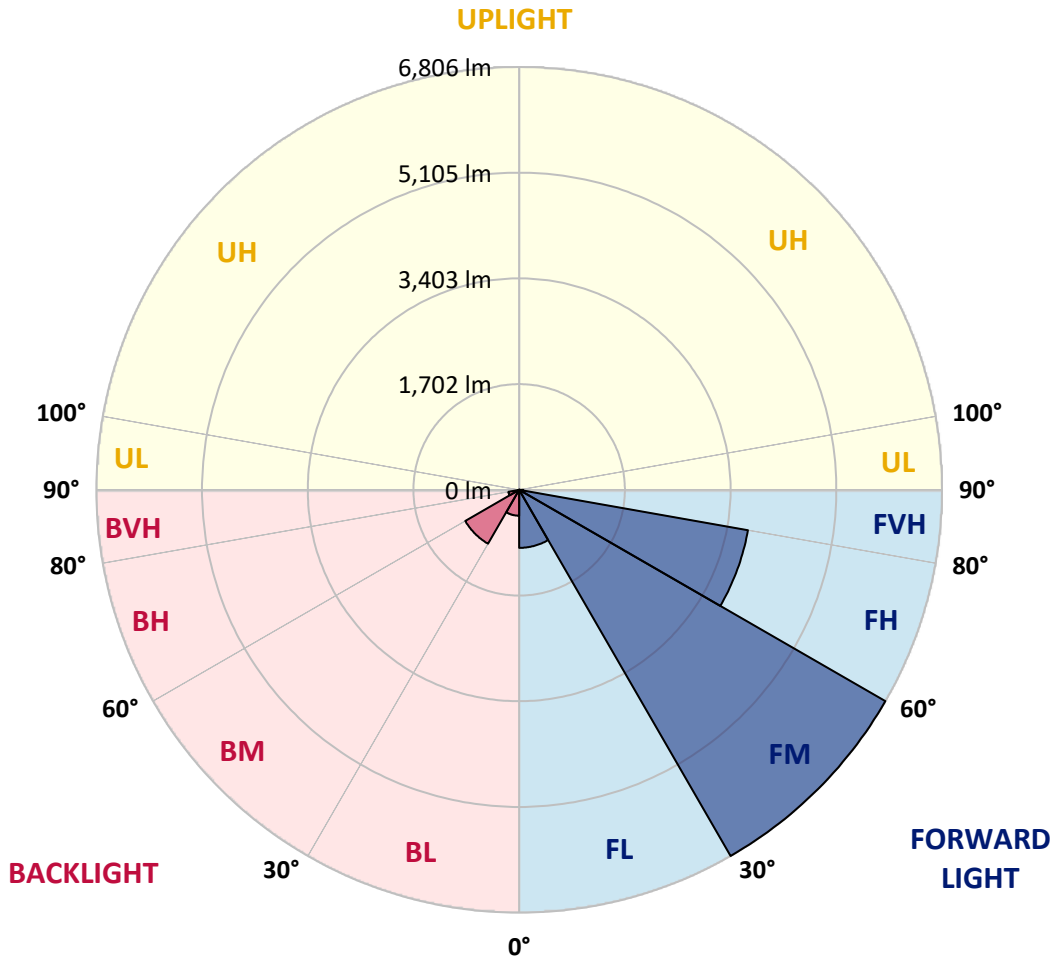
CATALOG NUMBER: GLAN-SB4A-850-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	934.4	7.1			
FM	(30°-60°)	6806.0	51.8			
FH	(60°-80°)	3738.9	28.5			G2/5000
FVH	(80°-90°)	64.9	0.5			G1/100
BL	(0°-30°)	417.2	3.2	B1/500		
BM	(30°-60°)	1001.2	7.6	B2/2500		
BH	(60°-80°)	175.6	1.3	B1/500		G1/500
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1458467
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	*1830.6*	1830.6
2.5°	1841.8	1845.6	1841.8	1845.6	1853.0	1849.3	1864.3	1860.5	1860.5	*1856.8*	1841.8
5°	1737.2	1741.0	1748.4	1767.1	1793.3	1819.4	1853.0	1875.5	1897.9	*1894.1*	1879.2
7.5°	1531.8	1539.2	1569.1	1606.5	1692.4	1770.9	1856.8	1912.8	1961.4	*1976.3*	1965.1
10°	1415.9	1423.4	1442.1	1479.4	1557.9	1688.7	1856.8	1972.6	2058.5	*2088.4*	2092.1
12.5°	1404.7	1408.5	1423.4	1464.5	1531.8	1643.8	1853.0	2051.1	2196.8	*2241.6*	2256.5
15°	1412.2	1419.7	1434.6	1468.2	1546.7	1673.7	1882.9	2174.3	2379.8	*2443.3*	2447.1
17.5°	1442.1	1449.6	1468.2	1505.6	1591.5	1752.2	1976.3	2301.4	2600.2	*2671.2*	2712.3
20°	1501.9	1505.6	1528.0	1576.6	1673.7	1849.3	2114.6	2473.2	2865.5	*2970.1*	3000.0
22.5°	1580.3	1591.5	1621.4	1681.2	1804.5	1983.8	2305.1	2682.4	3156.9	*3265.2*	3317.6
25°	1666.2	1681.2	1726.0	1823.2	1980.1	2189.3	2540.5	2958.9	3500.6	*3631.4*	3702.4
27.5°	1841.8	1845.6	1875.5	1998.7	2200.5	2458.3	2839.3	3313.8	3904.1	*4057.3*	4135.7
30°	2226.6	2230.4	2204.2	2237.9	2443.3	2775.8	3190.5	3728.5	4374.8	*4587.8*	4651.3
32.5°	2697.4	2716.1	2712.3	2689.9	2783.3	3093.4	3609.0	4225.4	4927.8	*5151.9*	5211.7
35°	3231.6	3276.5	3265.2	3257.8	3269.0	3500.6	4087.2	4774.6	5555.4	*5828.1*	5876.7
37.5°	3754.7	3765.9	3818.2	3881.7	3889.2	4049.8	4640.1	5357.4	6138.2	*6485.7*	6560.4
40°	4158.1	4195.5	4326.3	4453.3	4584.0	4711.1	5095.9	5828.1	6601.5	*7068.5*	7102.1
42.5°	4472.0	4561.6	4752.2	4950.2	5215.4	5357.4	5529.3	6160.6	6978.8	*7587.8*	7572.8
45°	4853.0	4890.4	5159.4	5420.9	5689.9	5906.6	5902.8	6440.8	7274.0	*8032.4*	7939.0
47.5°	5110.8	5155.7	5521.8	5828.1	6104.6	6212.9	6235.4	6743.4	7681.2	*8570.3*	8349.9
50°	5249.1	5327.5	5727.3	6115.8	6414.7	6448.3	6549.2	7139.5	8215.4	*9283.9*	8869.2
52.5°	5264.0	5338.7	5798.2	6298.9	6623.9	6691.1	6863.0	7587.8	8734.7	*9855.5*	9168.1
55°	*4953.9*	*4998.7*	*5712.3*	*6328.7*	*6788.3*	*6945.2*	*7296.4*	*8002.5*	*9037.3*	*10120.8*	*9141.9*
57.5°	4662.5	4707.3	5327.5	6276.4	6956.4	7277.7	7759.6	8286.4	8802.0	*9792.0*	8559.1
60°	4412.2	4434.6	4998.7	6033.6	7019.9	7602.7	8159.4	8006.2	8193.0	*9003.7*	7561.6
62.5°	3941.5	3956.4	4625.1	5596.5	6892.9	7853.0	8297.6	7412.2	7524.3	*7916.5*	6388.5
65°	2977.6	3033.6	3646.3	5267.7	6683.7	7968.8	7976.3	6687.4	6571.6	*6478.2*	5024.9
67.5°	2021.2	2084.7	2454.5	4737.2	6343.7	8017.4	7352.4	5749.7	5006.2	*4524.3*	3291.4
70°	1613.9	1613.9	1741.0	3807.0	5536.7	7397.2	6579.1	4341.2	3179.3	*2499.4*	1763.4
72.5°	1061.0	1064.8	1184.3	2417.2	3926.5	5641.3	5364.9	2510.6	1651.3	*1274.0*	870.5
75°	384.8	384.8	519.3	967.6	2077.2	3358.6	3269.0	1199.2	896.6	*694.9*	526.8
77.5°	205.5	213.0	250.3	399.7	795.8	1367.4	1277.7	612.7	508.1	*433.4*	328.8
80°	138.2	142.0	168.1	246.6	384.8	526.8	411.0	343.7	343.7	*291.4*	220.4
82.5°	74.7	78.5	112.1	160.6	205.5	246.6	198.0	201.7	242.8	*198.0*	127.0
85°	52.3	52.3	85.9	115.8	115.8	119.6	85.9	127.0	142.0	*123.3*	85.9
87.5°	29.9	29.9	48.6	56.0	56.0	52.3	26.2	44.8	56.0	*63.5*	37.4
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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Scaled Data Report

REPORT NUMBER: P1458467
CATALOG NUMBER: GLAN-SB4A-850-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6
2.5°	1838.1	1826.9	1804.5	1759.6	1737.2	1707.3	1681.2	1647.6	1640.1	1636.4	1621.4
5°	1868.0	1845.6	1778.3	1681.2	1599.0	1520.5	1442.1	1397.3	1359.9	1341.2	1337.5
7.5°	1942.7	1897.9	1774.6	1602.7	1449.6	1315.1	1199.2	1098.4	1046.1	1001.2	1005.0
10°	2054.8	1983.8	1782.1	1528.0	1300.1	1083.4	915.3	769.6	665.0	616.4	612.7
12.5°	2204.2	2103.4	1808.2	1453.3	1117.1	814.4	601.5	515.6	493.1	489.4	485.7
15°	2387.3	2245.3	1834.4	1356.2	870.5	564.1	489.4	470.7	467.0	463.3	463.3
17.5°	2607.7	2409.7	1849.3	1191.8	635.1	485.7	459.5	448.3	444.6	440.8	440.8
20°	2884.2	2592.8	1868.0	982.6	538.0	467.0	437.1	422.2	418.4	418.4	414.7
22.5°	3156.9	2798.2	1853.0	799.5	519.3	444.6	411.0	396.0	388.5	388.5	384.8
25°	3470.7	3007.5	1808.2	721.0	515.6	425.9	384.8	362.4	351.2	347.4	347.4
27.5°	3829.4	3246.6	1737.2	724.8	515.6	411.0	351.2	321.3	313.8	306.4	306.4
30°	4240.3	3538.0	1684.9	773.3	523.0	396.0	321.3	283.9	272.7	265.3	269.0
32.5°	4711.1	3863.0	1681.2	851.8	534.2	373.6	287.7	246.6	235.4	231.6	235.4
35°	5245.3	4266.5	1767.1	911.6	504.4	325.0	246.6	213.0	201.7	201.7	205.5
37.5°	5839.3	4729.8	1882.9	896.6	407.2	257.8	213.0	186.8	175.6	179.3	183.1
40°	6381.1	5092.1	1901.6	765.9	306.4	220.4	183.1	164.4	156.9	160.6	164.4
42.5°	6792.0	5383.5	1722.3	594.0	257.8	186.8	156.9	142.0	138.2	145.7	145.7
45°	7124.5	5499.4	1438.4	440.8	227.9	160.6	138.2	130.8	123.3	127.0	127.0
47.5°	7472.0	5518.0	1173.1	354.9	201.7	145.7	127.0	119.6	112.1	112.1	112.1
50°	7808.2	5473.2	896.6	313.8	186.8	130.8	115.8	108.3	100.9	97.1	97.1
52.5°	7890.4	5114.6	657.5	291.4	171.9	123.3	108.3	100.9	93.4	89.7	89.7
55°	*7662.5*	*4434.6*	*515.6*	*261.5*	*156.9*	*112.1*	*100.9*	*93.4*	*82.2*	*78.5*	*78.5*
57.5°	6911.6	3381.1	411.0	224.2	142.0	108.3	93.4	85.9	74.7	71.0	71.0
60°	5936.5	2398.5	332.5	183.1	130.8	97.1	85.9	74.7	67.2	59.8	59.8
62.5°	4856.8	1722.3	269.0	153.2	123.3	85.9	78.5	67.2	52.3	41.1	41.1
65°	3724.8	1236.6	209.2	123.3	112.1	74.7	67.2	56.0	41.1	29.9	29.9
67.5°	2409.7	799.5	156.9	108.3	85.9	63.5	52.3	44.8	37.4	26.2	22.4
70°	1270.2	467.0	115.8	93.4	63.5	48.6	44.8	37.4	29.9	18.7	18.7
72.5°	657.5	306.4	85.9	82.2	48.6	33.6	37.4	29.9	22.4	11.2	11.2
75°	422.2	205.5	63.5	67.2	29.9	26.2	26.2	18.7	11.2	7.5	3.7
77.5°	272.7	138.2	44.8	56.0	18.7	14.9	14.9	7.5	3.7	0.0	0.0
80°	160.6	85.9	29.9	37.4	7.5	7.5	3.7	0.0	0.0	0.0	0.0
82.5°	82.2	44.8	14.9	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	52.3	22.4	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.2	7.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: SP1-2407-184-12

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

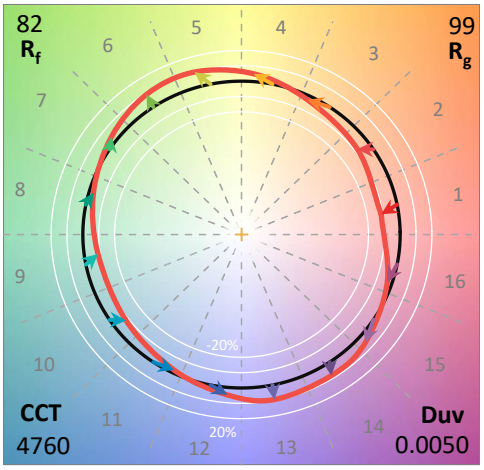
Test Information

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



Test Conditions

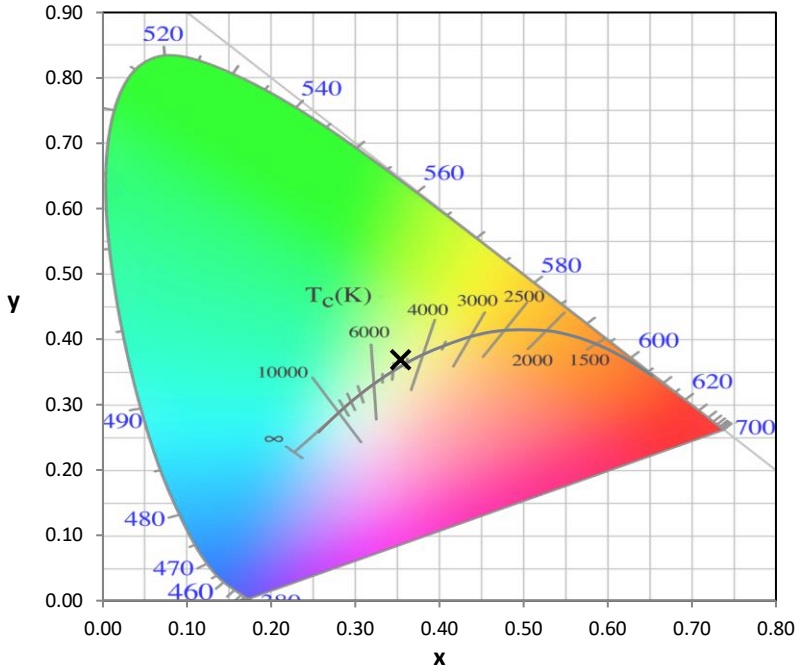
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

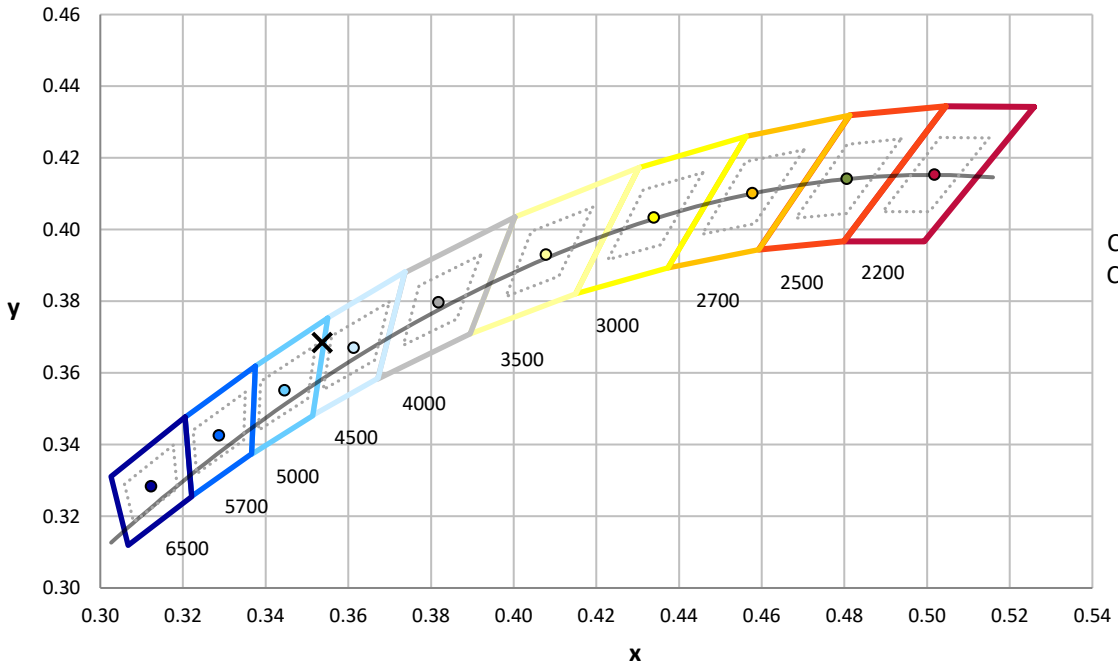
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

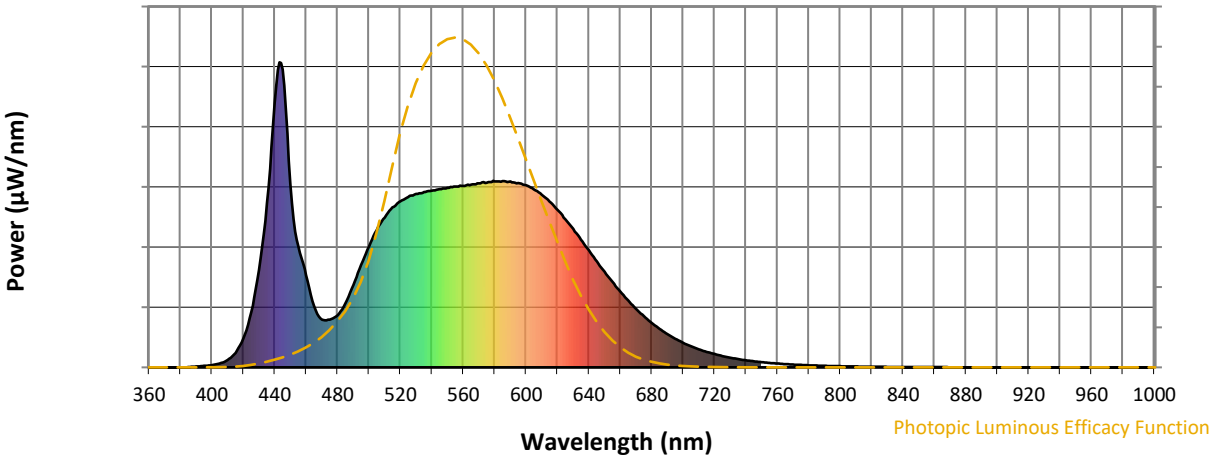


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

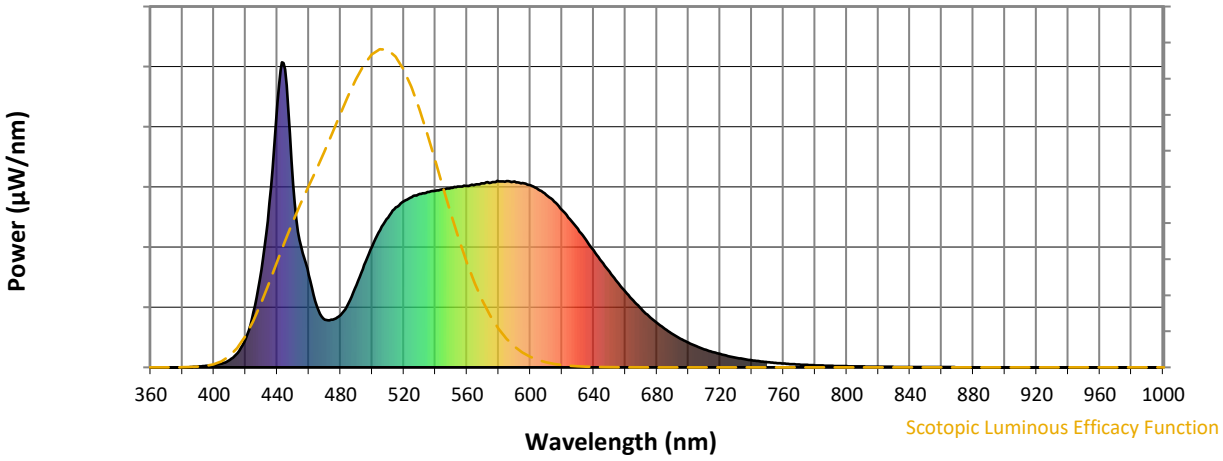


Photopic Lumens: NR

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

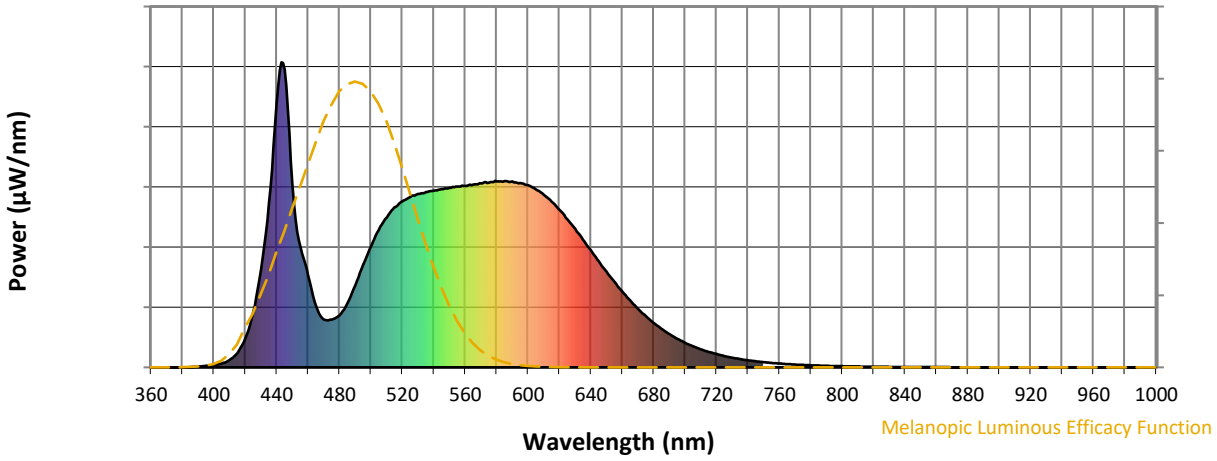


Scotopic Lumens: NR **S/P: 1.83**

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			

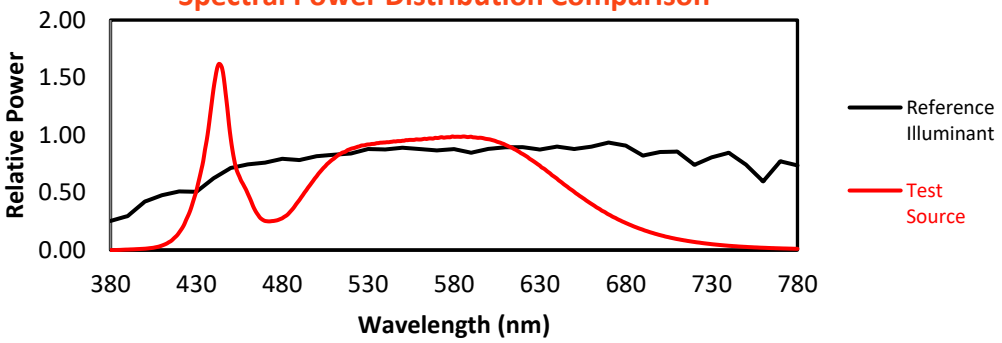
REPORT NUMBER: SP1-2407-184-12

TM-30-18

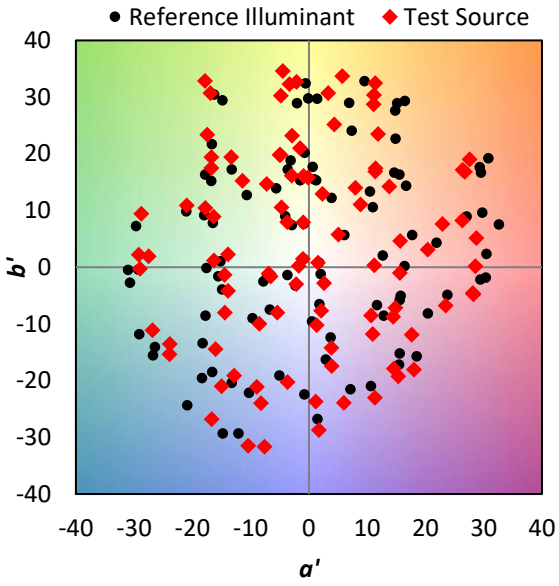
Summary

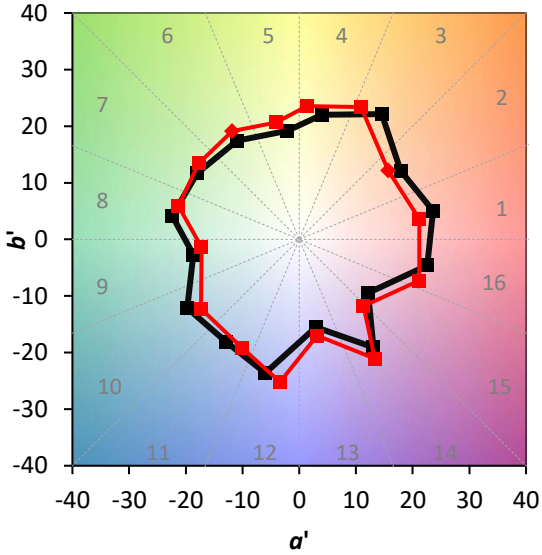
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

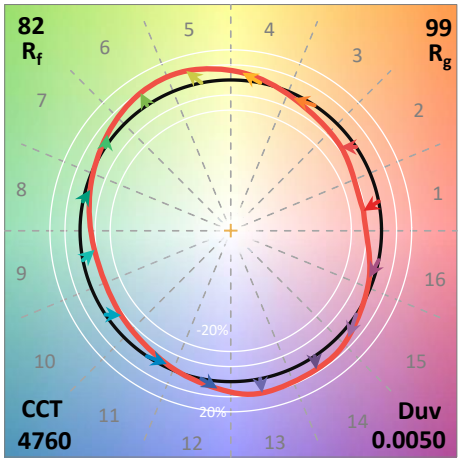
Spectral Power Distribution Comparison

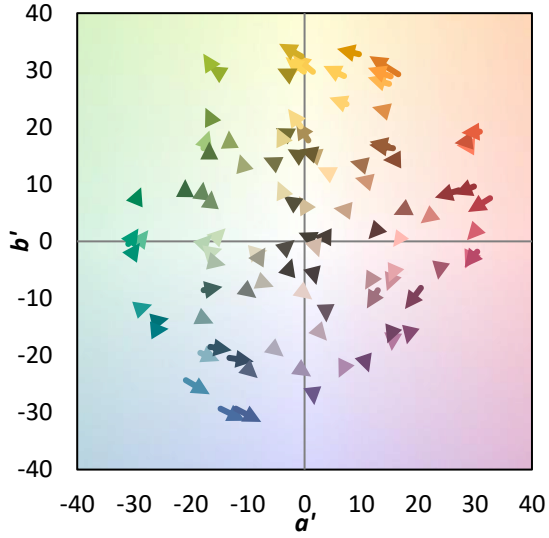


Color Vector Graphics







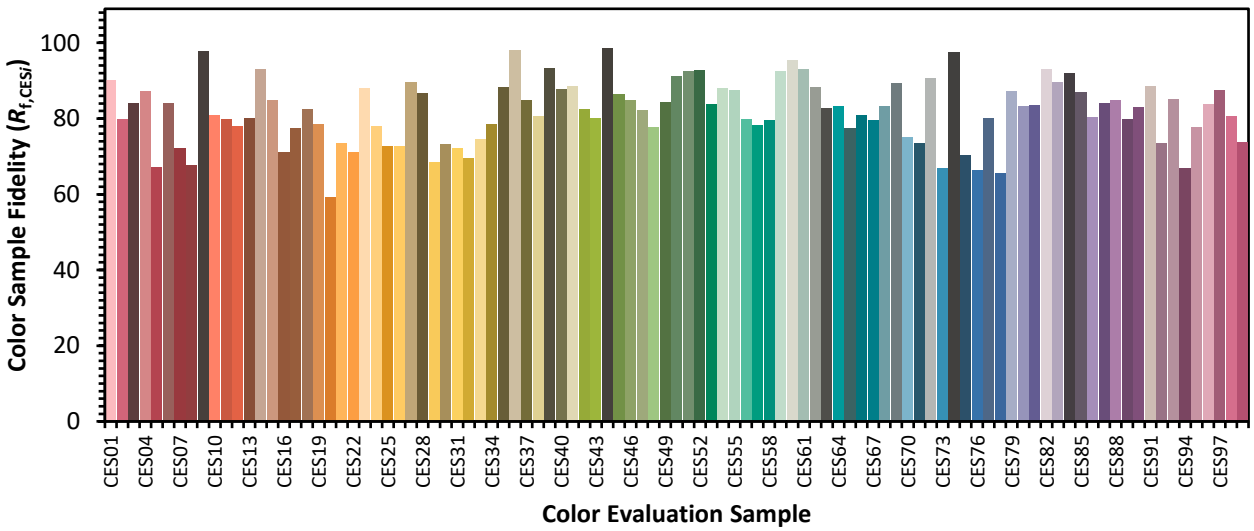


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

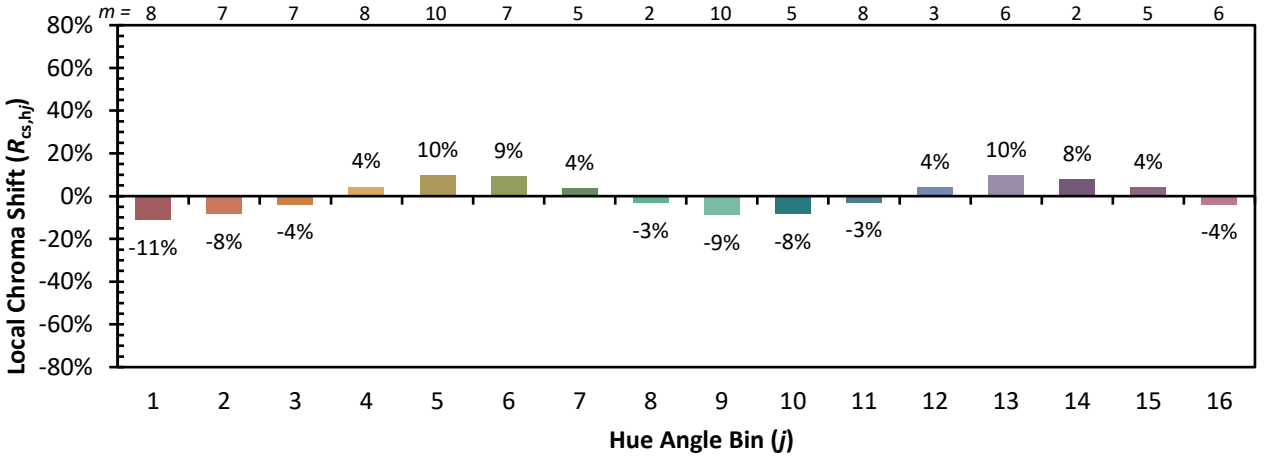
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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	

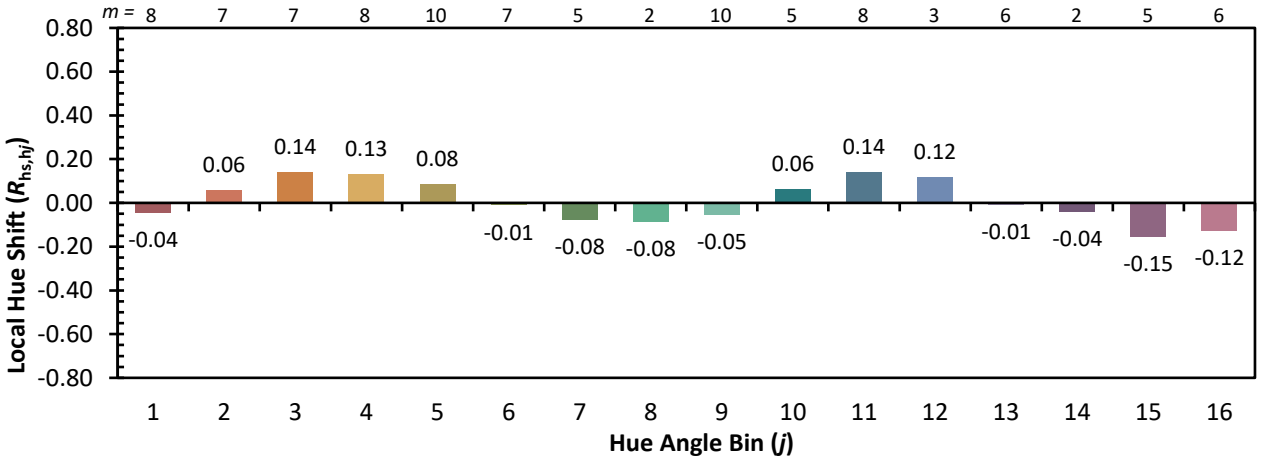


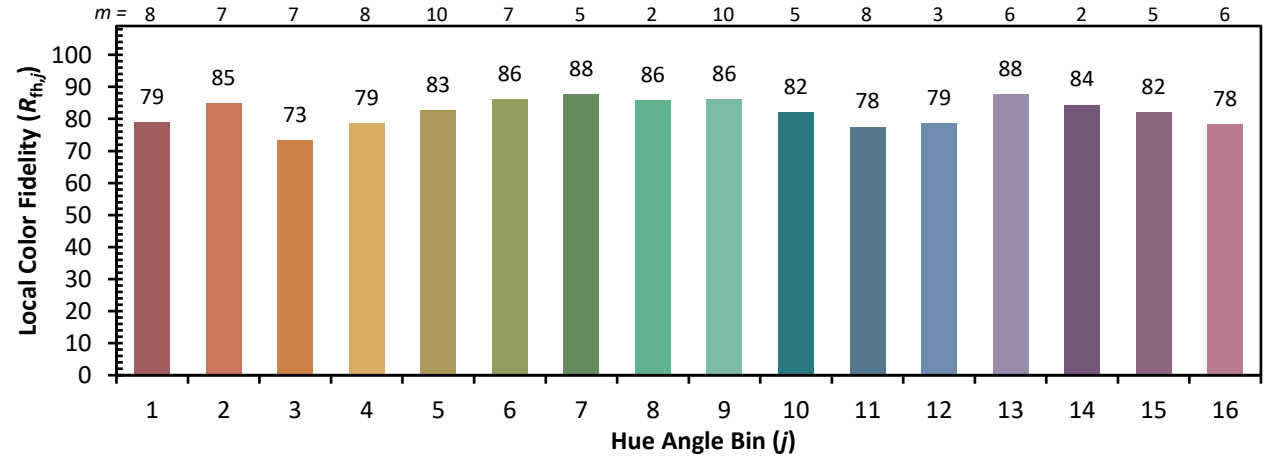
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



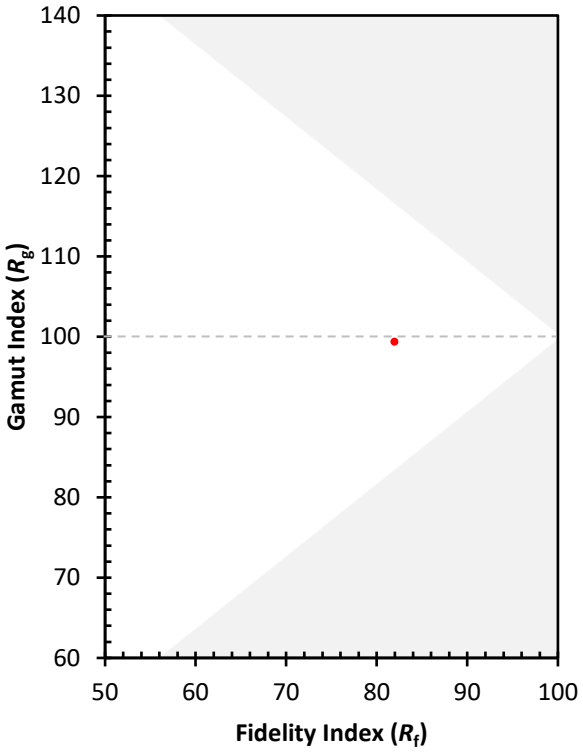


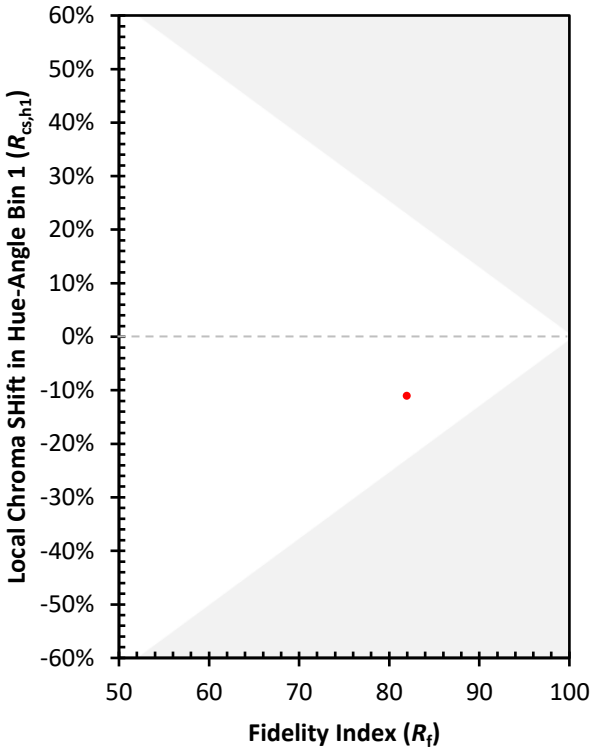


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





(END OF REPORT)