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: P1458579

Luminaire Tested: GLAN-SB5A-935-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:	P1458579
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-935-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12056.5 lumens
Efficiency:	N/A
Efficacy:	85.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	141.7
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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REPORT NUMBER: P1458579
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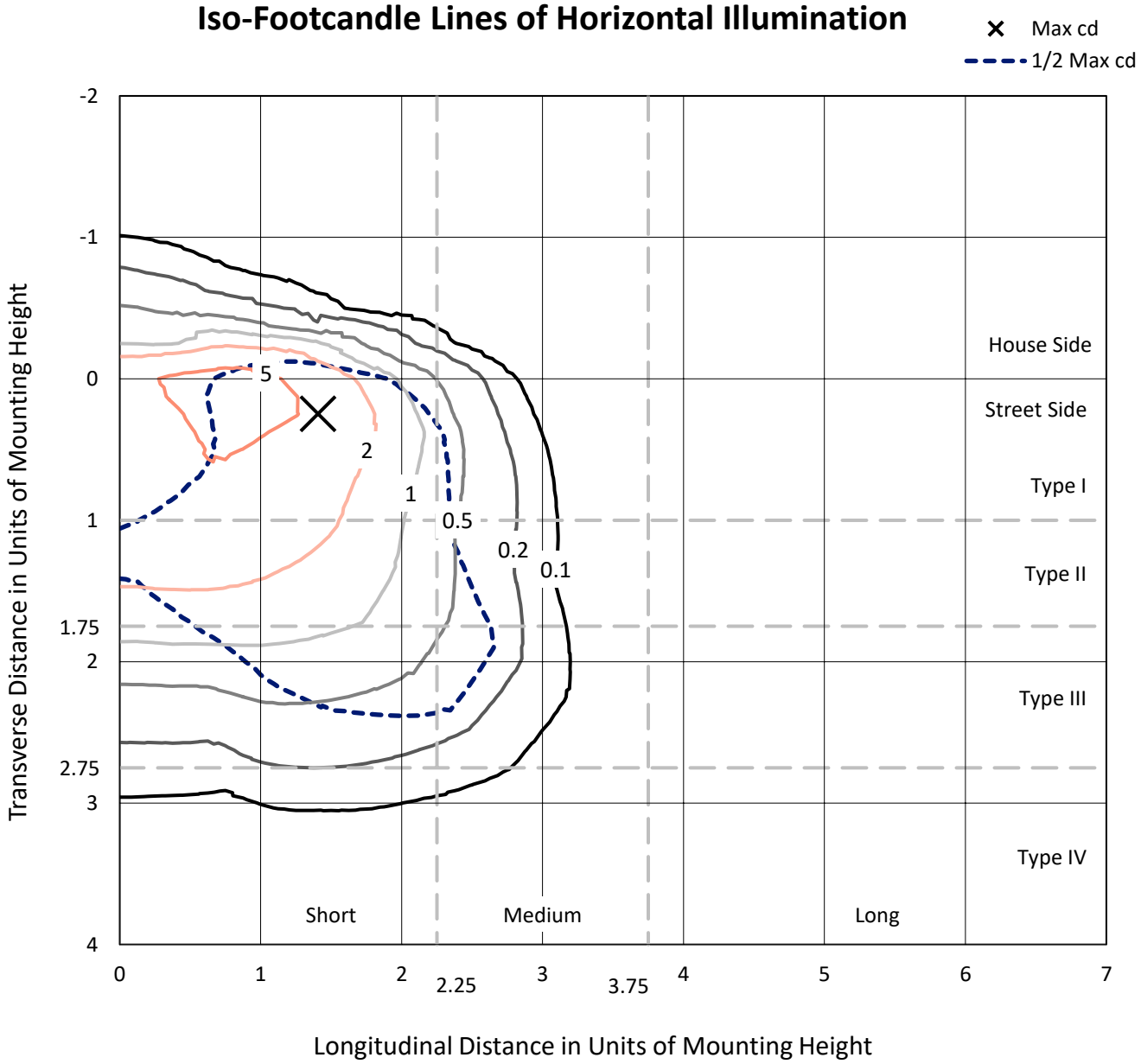
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
Type III - Short - N/A

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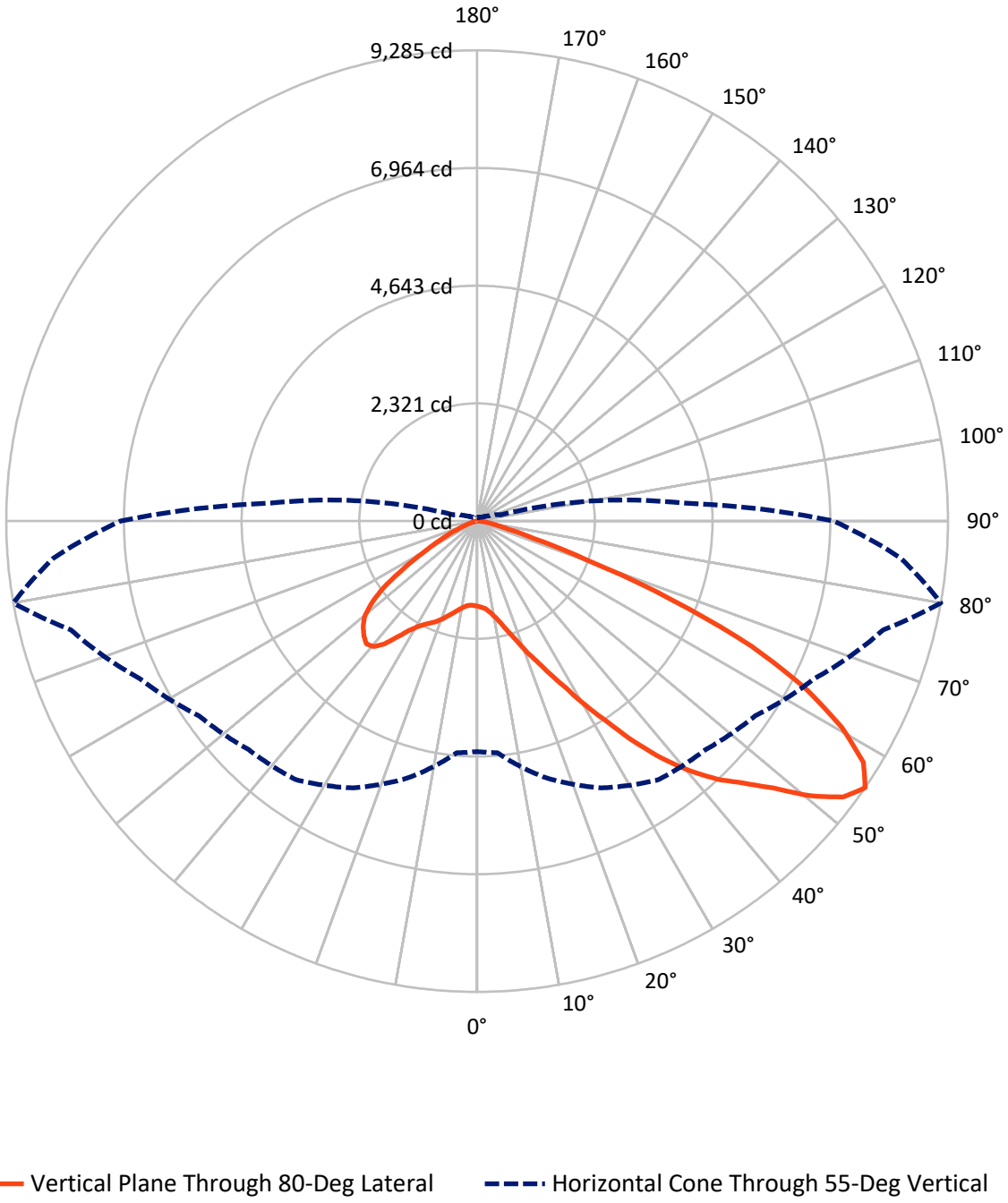
Luminous Intensity Polar Plot



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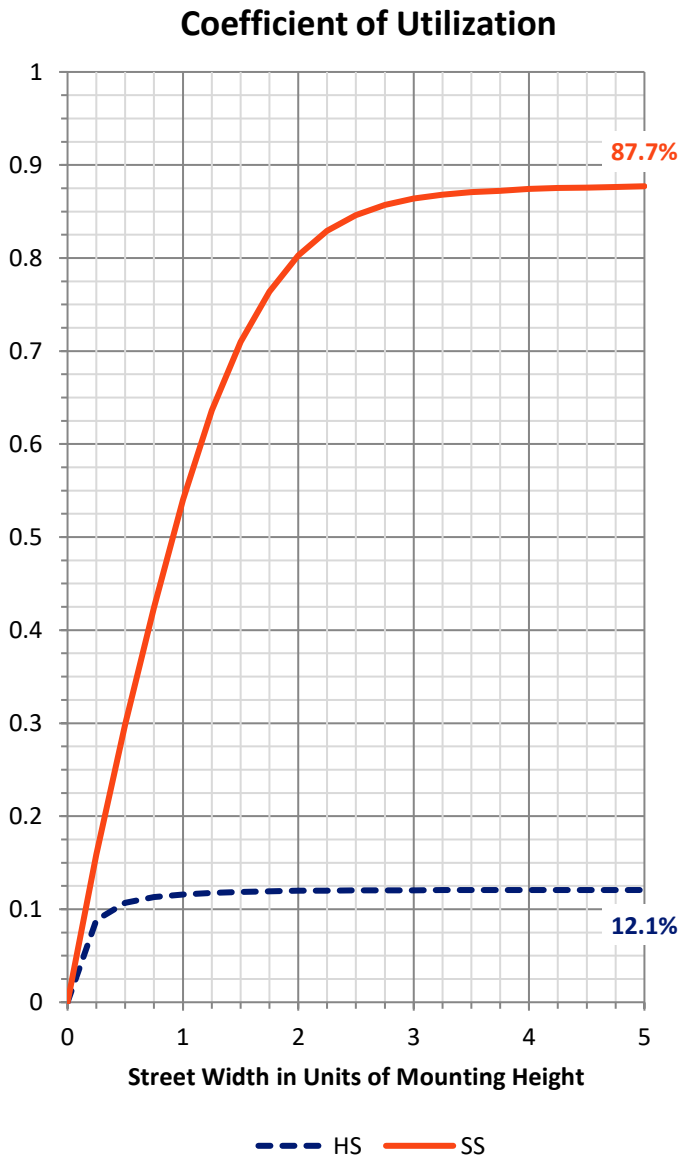
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1465.6	0.0	1465.6
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	10590.9	0.0	10590.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	12056.5	0.0	12056.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.9	1.2
10°-20°	371.6	3.1
20°-30°	727.4	6.0
30°-40°	1479.9	12.3
40°-50°	2494.9	20.7
50°-60°	3187.7	26.4
60°-70°	2721.6	22.6
70°-80°	869.7	7.2
80°-90°	62.8	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°	12056.5	100.0
0°-180°	12056.5	100.0



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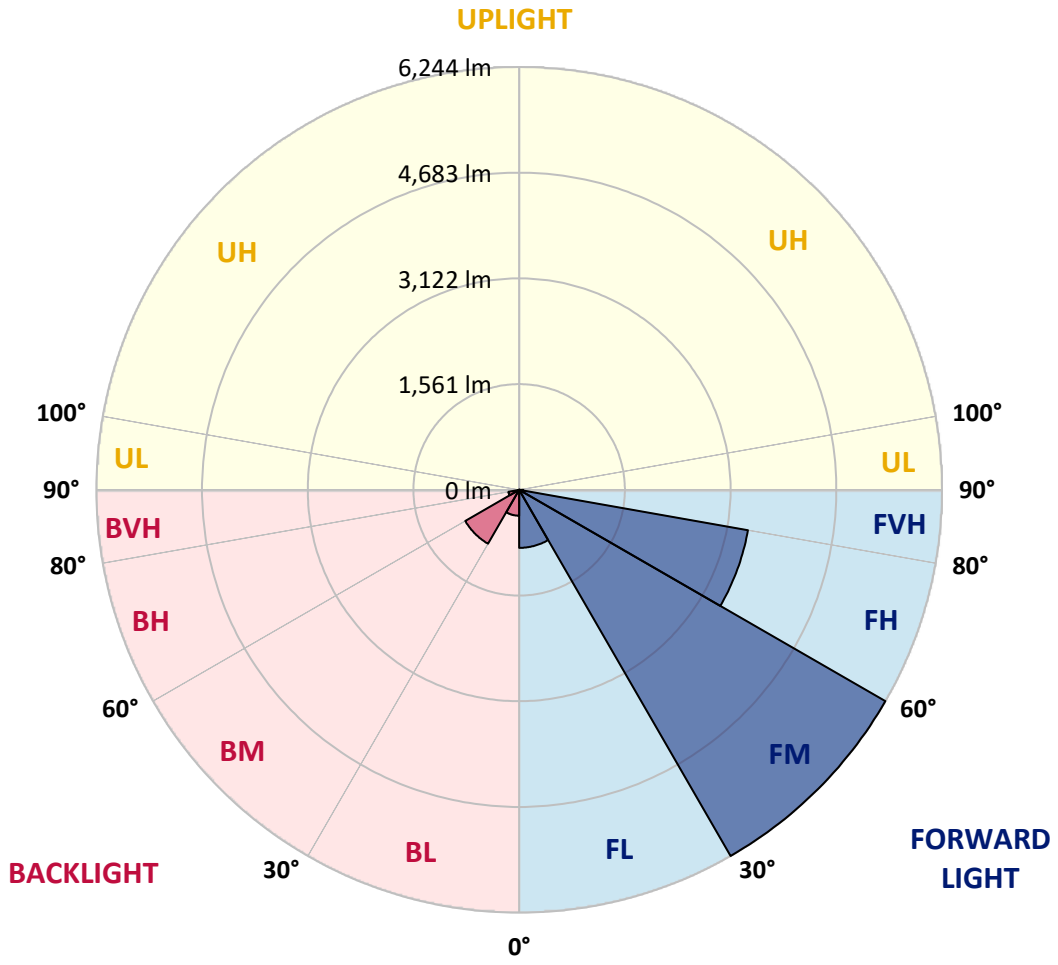
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	857.2	7.1			
FM	(30°-60°)	6244.0	51.8			
FH	(60°-80°)	3430.2	28.5			G2/5000
FVH	(80°-90°)	59.5	0.5			G1/100
BL	(0°-30°)	382.7	3.2	B1/500		
BM	(30°-60°)	918.5	7.6	B1/1000		
BH	(60°-80°)	161.1	1.3	B1/500		G1/500
BVH	(80°-90°)	3.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1458579
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	*1679.5*	1679.5
2.5°	1689.7	1693.2	1689.7	1693.2	1700.0	1696.6	1710.3	1706.9	1706.9	*1703.5*	1689.7
5°	1593.8	1597.2	1604.1	1621.2	1645.2	1669.2	1700.0	1720.6	1741.2	*1737.7*	1724.0
7.5°	1405.3	1412.1	1439.5	1473.8	1552.6	1624.6	1703.5	1754.9	1799.4	*1813.1*	1802.8
10°	1299.0	1305.9	1323.0	1357.3	1429.3	1549.2	1703.5	1809.7	1888.5	*1916.0*	1919.4
12.5°	1288.7	1292.2	1305.9	1343.6	1405.3	1508.1	1700.0	1881.7	2015.4	*2056.5*	2070.2
15°	1295.6	1302.4	1316.1	1347.0	1419.0	1535.5	1727.4	1994.8	2183.3	*2241.6*	2245.0
17.5°	1323.0	1329.9	1347.0	1381.3	1460.1	1607.5	1813.1	2111.3	2385.5	*2450.6*	2488.3
20°	1377.8	1381.3	1401.8	1446.4	1535.5	1696.6	1939.9	2269.0	2628.9	*2724.8*	2752.3
22.5°	1449.8	1460.1	1487.5	1542.4	1655.5	1820.0	2114.7	2460.9	2896.2	*2995.6*	3043.6
25°	1528.7	1542.4	1583.5	1672.6	1816.6	2008.5	2330.7	2714.6	3211.5	*3331.5*	3396.6
27.5°	1689.7	1693.2	1720.6	1833.7	2018.8	2255.3	2604.9	3040.2	3581.7	*3722.2*	3794.2
30°	2042.8	2046.2	2022.2	2053.1	2241.6	2546.6	2927.1	3420.6	4013.6	*4208.9*	4267.2
32.5°	2474.6	2491.8	2488.3	2467.8	2553.5	2837.9	3310.9	3876.5	4520.8	*4726.5*	4781.3
35°	2964.8	3005.9	2995.6	2988.8	2999.0	3211.5	3749.6	4380.3	5096.6	*5346.8*	5391.4
37.5°	3444.6	3454.9	3502.9	3561.1	3568.0	3715.4	4256.9	4915.0	5631.3	*5950.1*	6018.6
40°	3814.8	3849.0	3969.0	4085.5	4205.5	4322.0	4675.1	5346.8	6056.3	*6484.8*	6515.6
42.5°	4102.7	4184.9	4359.7	4541.4	4784.7	4915.0	5072.7	5651.9	6402.5	*6961.2*	6947.5
45°	4452.3	4486.6	4733.3	4973.3	5220.0	5418.8	5415.4	5909.0	6673.3	*7369.1*	7283.4
47.5°	4688.8	4729.9	5065.8	5346.8	5600.5	5699.9	5720.4	6186.6	7046.9	*7862.6*	7660.4
50°	4815.6	4887.6	5254.3	5610.8	5885.0	5915.8	6008.4	6549.9	7537.0	*8517.3*	8136.8
52.5°	4829.3	4897.9	5319.4	5778.7	6076.9	6138.6	6296.3	6961.2	8013.4	*9041.7*	8411.0
55°	*4544.8*	*4586.0*	*5240.6*	*5806.1*	*6227.7*	*6371.7*	*6693.8*	*7341.6*	*8291.0*	*9285.0*	*8387.0*
57.5°	4277.5	4318.6	4887.6	5758.1	6381.9	6676.7	7118.8	7602.1	8075.1	*8983.4*	7852.3
60°	4047.8	4068.4	4586.0	5535.4	6440.2	6974.9	7485.6	7345.1	7516.4	*8260.2*	6937.2
62.5°	3616.0	3629.7	4243.2	5134.3	6323.7	7204.5	7612.4	6800.1	6902.9	*7262.8*	5861.0
65°	2731.7	2783.1	3345.2	4832.7	6131.7	7310.8	7317.6	6135.2	6028.9	*5943.2*	4609.9
67.5°	1854.3	1912.5	2251.8	4346.0	5819.8	7355.3	6745.3	5274.9	4592.8	*4150.7*	3019.6
70°	1480.7	1480.7	1597.2	3492.6	5079.5	6786.4	6035.8	3982.7	2916.8	*2293.0*	1617.8
72.5°	973.4	976.8	1086.5	2217.6	3602.3	5175.5	4921.8	2303.3	1514.9	*1168.8*	798.6
75°	353.0	353.0	476.4	887.7	1905.7	3081.3	2999.0	1100.2	822.6	*637.5*	483.3
77.5°	188.5	195.4	229.6	366.7	730.1	1254.5	1172.2	562.1	466.1	*397.6*	301.6
80°	126.8	130.2	154.2	226.2	353.0	483.3	377.0	315.3	315.3	*267.3*	202.2
82.5°	68.5	72.0	102.8	147.4	188.5	226.2	181.7	185.1	222.8	*181.7*	116.5
85°	48.0	48.0	78.8	106.3	106.3	109.7	78.8	116.5	130.2	*113.1*	78.8
87.5°	27.4	27.4	44.6	51.4	51.4	48.0	24.0	41.1	51.4	*58.3*	34.3
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: P1458579
CATALOG NUMBER: GLAN-SB5A-935-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5	1679.5
2.5°	1686.3	1676.0	1655.5	1614.3	1593.8	1566.4	1542.4	1511.5	1504.7	1501.2	1487.5
5°	1713.7	1693.2	1631.5	1542.4	1467.0	1395.0	1323.0	1281.9	1247.6	1230.5	1227.0
7.5°	1782.3	1741.2	1628.0	1470.4	1329.9	1206.5	1100.2	1007.7	959.7	918.6	922.0
10°	1885.1	1820.0	1634.9	1401.8	1192.8	994.0	839.7	706.1	610.1	565.5	562.1
12.5°	2022.2	1929.7	1658.9	1333.3	1024.8	747.2	551.8	473.0	452.4	449.0	445.6
15°	2190.2	2059.9	1682.9	1244.2	798.6	517.5	449.0	431.9	428.4	425.0	425.0
17.5°	2392.4	2210.7	1696.6	1093.4	582.7	445.6	421.6	411.3	407.9	404.4	404.4
20°	2646.0	2378.7	1713.7	901.4	493.6	428.4	401.0	387.3	383.9	383.9	380.4
22.5°	2896.2	2567.2	1700.0	733.5	476.4	407.9	377.0	363.3	356.5	356.5	353.0
25°	3184.1	2759.1	1658.9	661.5	473.0	390.7	353.0	332.5	322.2	318.8	318.8
27.5°	3513.2	2978.5	1593.8	664.9	473.0	377.0	322.2	294.8	287.9	281.1	281.1
30°	3890.2	3245.8	1545.8	709.5	479.8	363.3	294.8	260.5	250.2	243.4	246.8
32.5°	4322.0	3544.0	1542.4	781.5	490.1	342.7	263.9	226.2	215.9	212.5	215.9
35°	4812.2	3914.2	1621.2	836.3	462.7	298.2	226.2	195.4	185.1	185.1	188.5
37.5°	5357.1	4339.2	1727.4	822.6	373.6	236.5	195.4	171.4	161.1	164.5	167.9
40°	5854.1	4671.6	1744.6	702.6	281.1	202.2	167.9	150.8	144.0	147.4	150.8
42.5°	6231.1	4939.0	1580.1	545.0	236.5	171.4	144.0	130.2	126.8	133.7	133.7
45°	6536.2	5045.2	1319.6	404.4	209.1	147.4	126.8	120.0	113.1	116.5	116.5
47.5°	6854.9	5062.4	1076.2	325.6	185.1	133.7	116.5	109.7	102.8	102.8	102.8
50°	7163.4	5021.2	822.6	287.9	171.4	120.0	106.3	99.4	92.5	89.1	89.1
52.5°	7238.8	4692.2	603.2	267.3	157.7	113.1	99.4	92.5	85.7	82.3	82.3
55°	*7029.7*	*4068.4*	*473.0*	*239.9*	*144.0*	*102.8*	*92.5*	*85.7*	*75.4*	*72.0*	*72.0*
57.5°	6340.8	3101.9	377.0	205.6	130.2	99.4	85.7	78.8	68.5	65.1	65.1
60°	5446.2	2200.4	305.0	167.9	120.0	89.1	78.8	68.5	61.7	54.8	54.8
62.5°	4455.7	1580.1	246.8	140.5	113.1	78.8	72.0	61.7	48.0	37.7	37.7
65°	3417.2	1134.5	191.9	113.1	102.8	68.5	61.7	51.4	37.7	27.4	27.4
67.5°	2210.7	733.5	144.0	99.4	78.8	58.3	48.0	41.1	34.3	24.0	20.6
70°	1165.3	428.4	106.3	85.7	58.3	44.6	41.1	34.3	27.4	17.1	17.1
72.5°	603.2	281.1	78.8	75.4	44.6	30.8	34.3	27.4	20.6	10.3	10.3
75°	387.3	188.5	58.3	61.7	27.4	24.0	24.0	17.1	10.3	6.9	3.4
77.5°	250.2	126.8	41.1	51.4	17.1	13.7	13.7	6.9	3.4	0.0	0.0
80°	147.4	78.8	27.4	34.3	6.9	6.9	3.4	0.0	0.0	0.0	0.0
82.5°	75.4	41.1	13.7	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	48.0	20.6	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.0	6.9	3.4	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

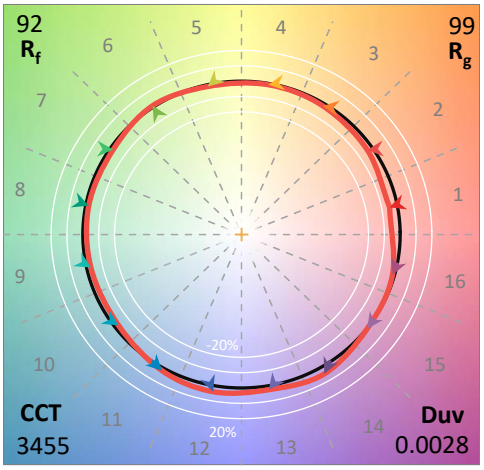
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2		
R1:	92.0	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



Test Conditions

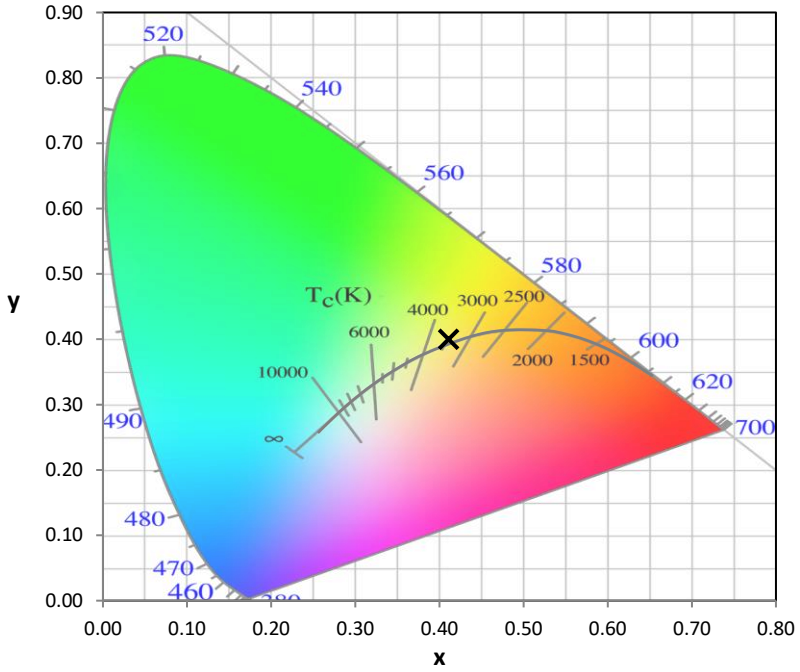
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

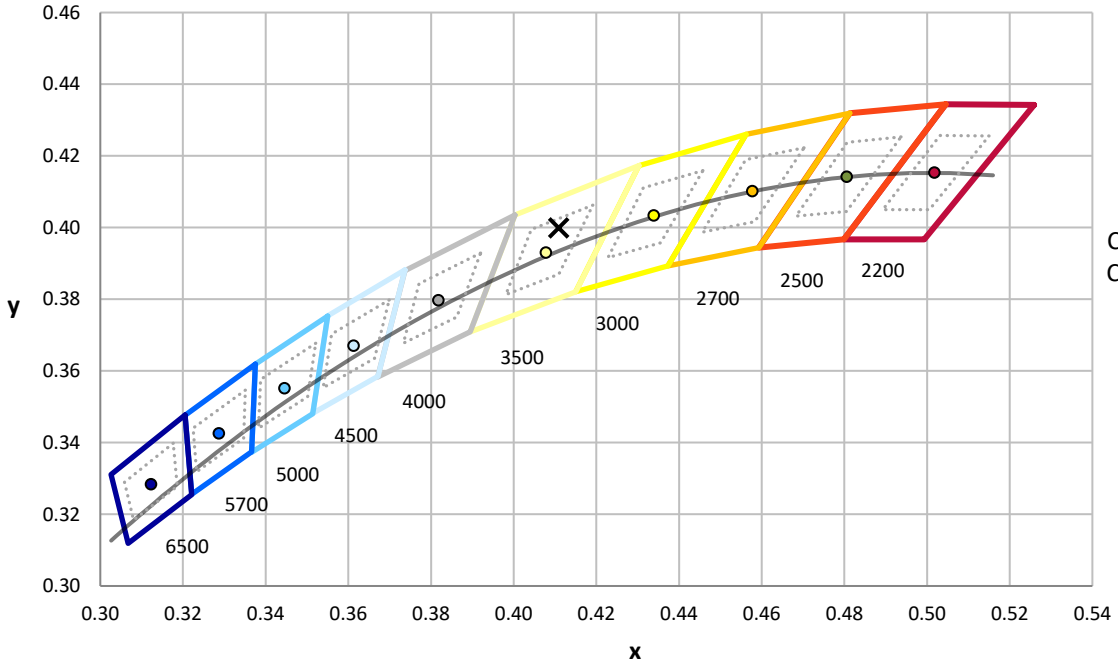
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

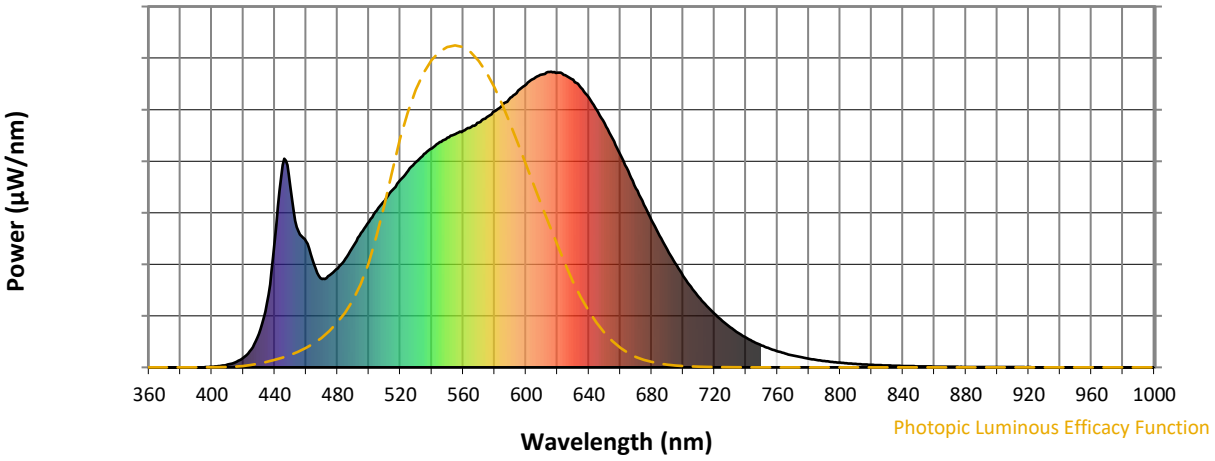


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

Photopic Flux vs. Wavelength

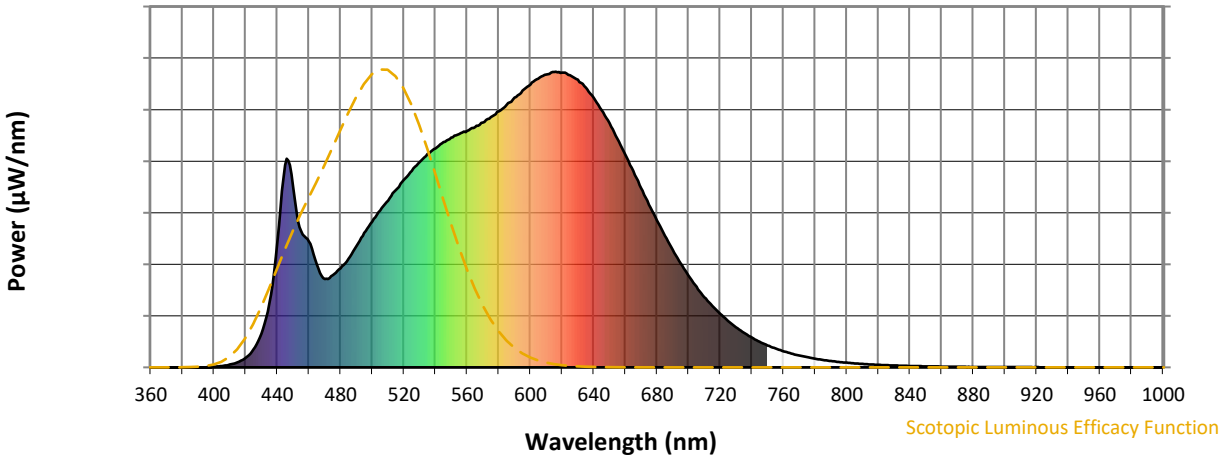


Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength

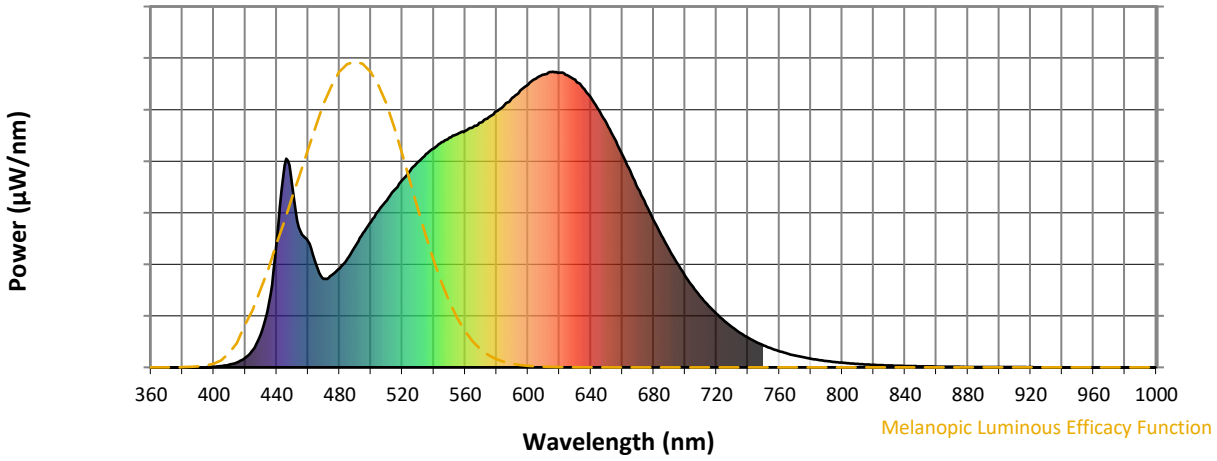


Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

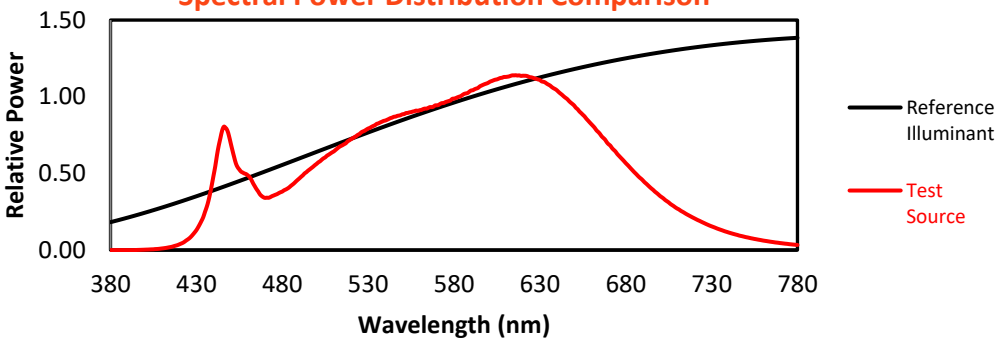
REPORT NUMBER: SP1-2407-184-15

TM-30-18

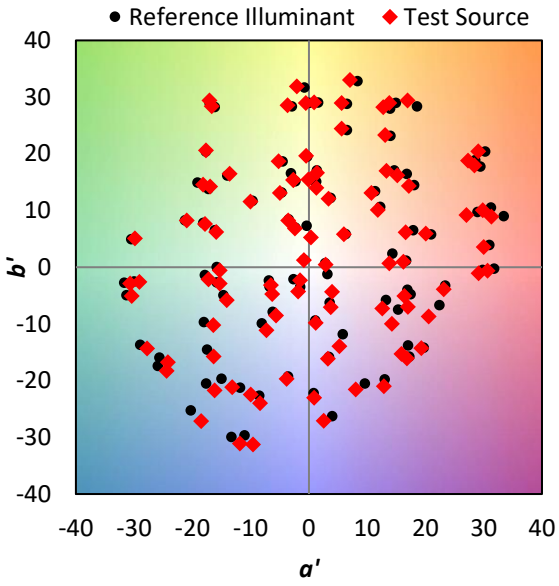
Summary

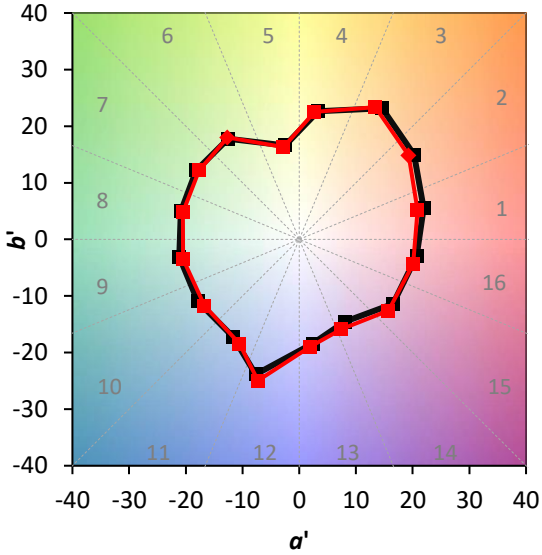
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

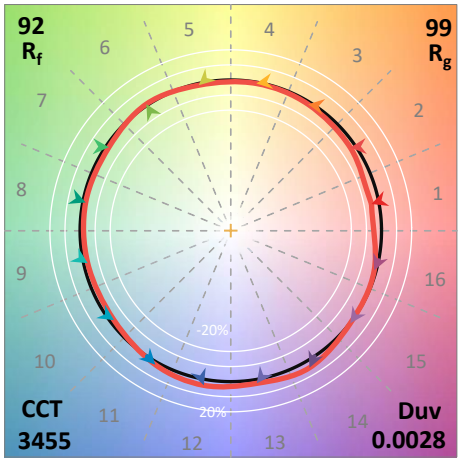
Spectral Power Distribution Comparison

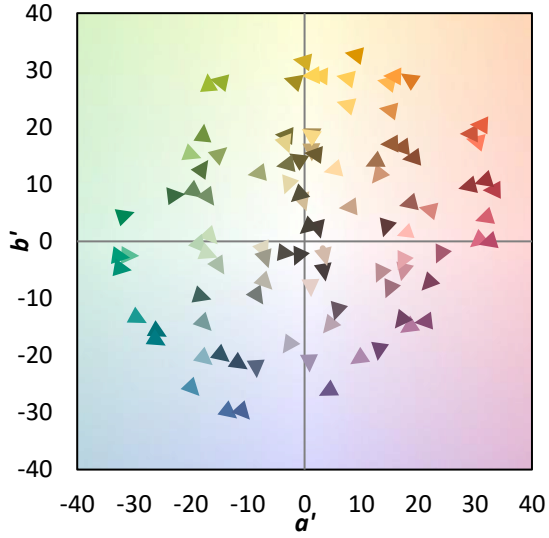


Color Vector Graphics







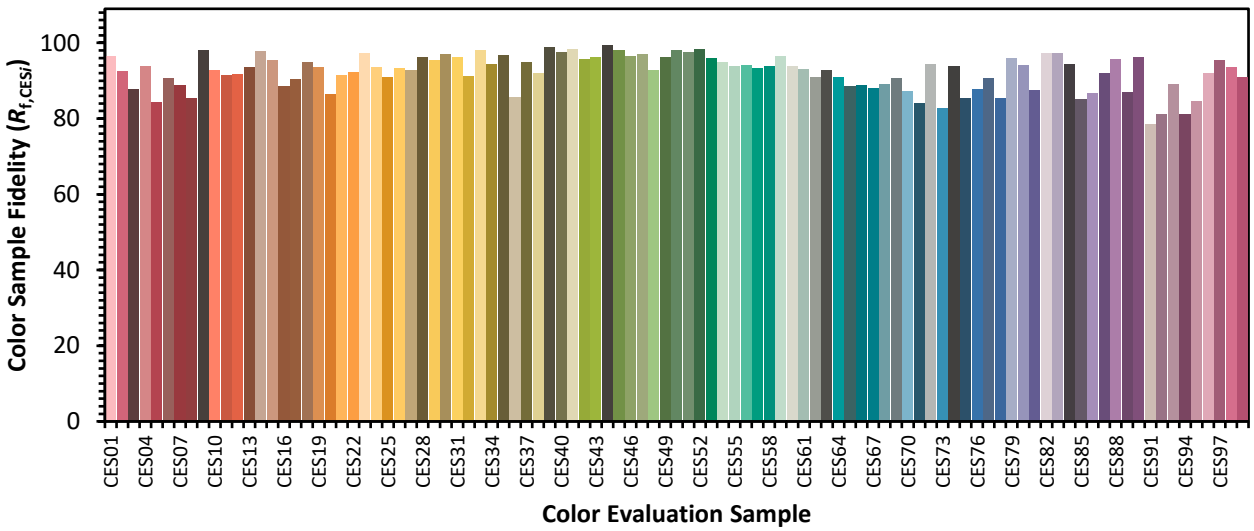


REPORT NUMBER: SP1-2407-184-15

TM-30-18

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

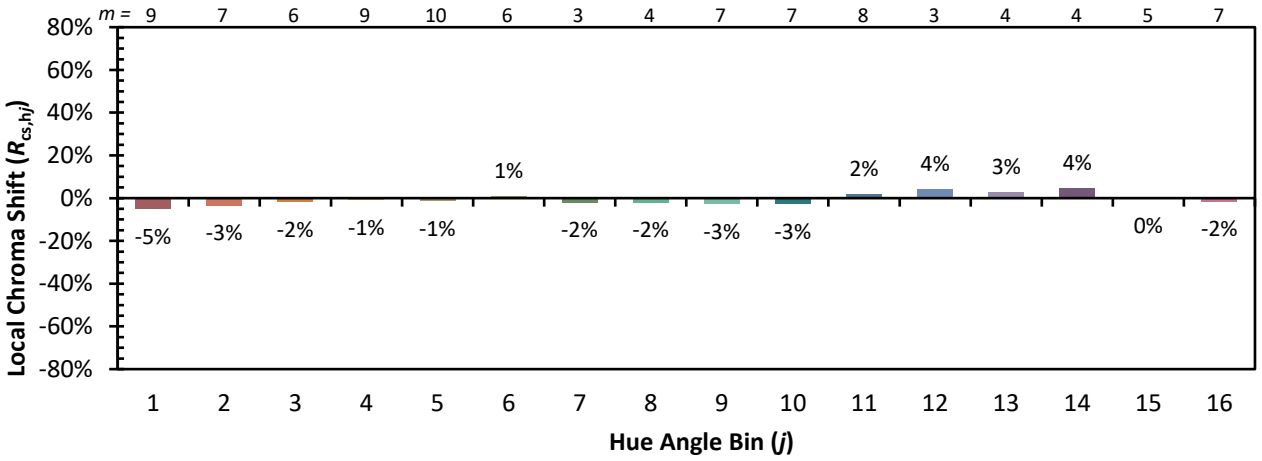
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	

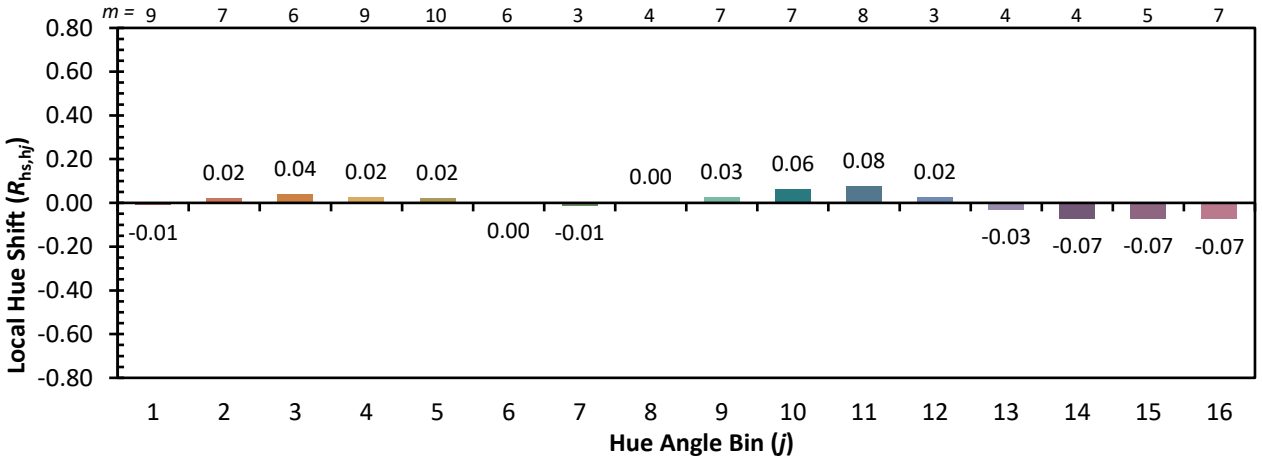


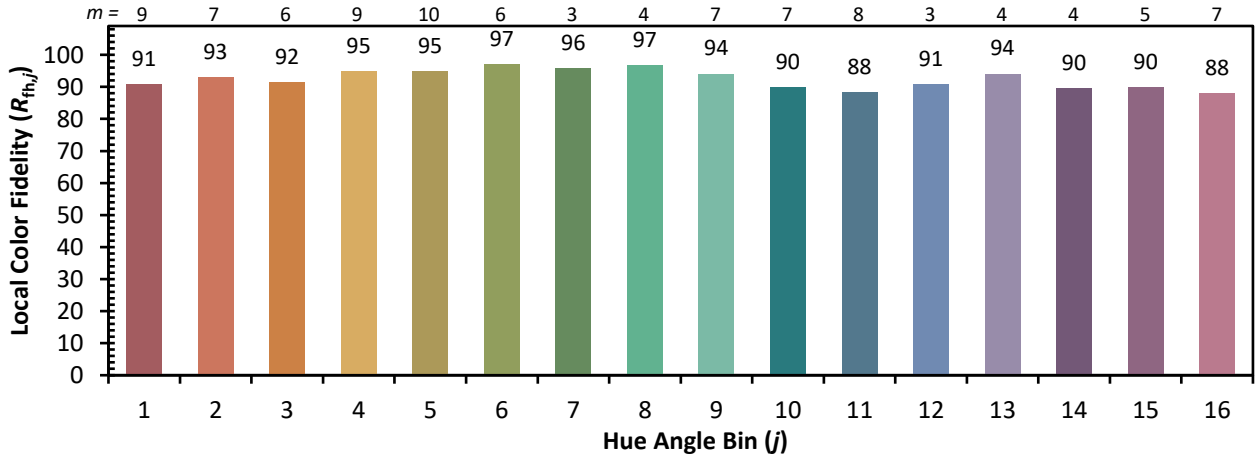
REPORT NUMBER: SP1-2407-184-15

TM-30-18

Color Rendition by Hue-Angle Bin



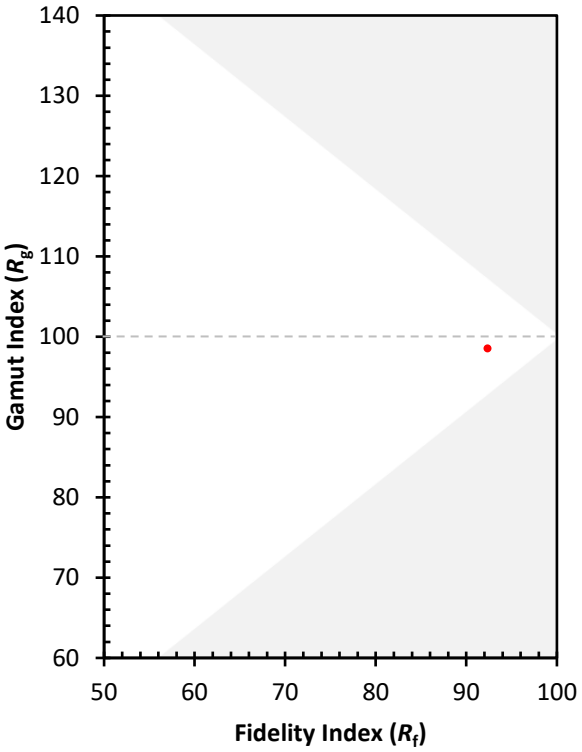


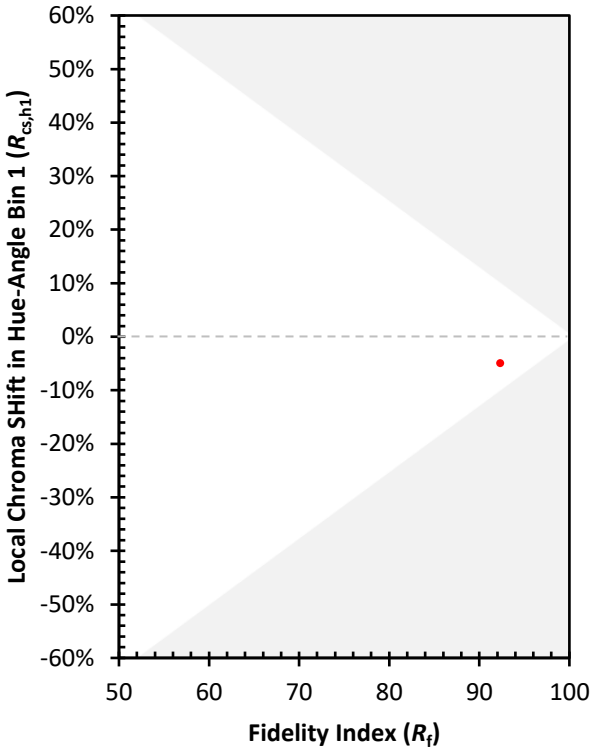


REPORT NUMBER: SP1-2407-184-15

TM-30-18

Measure Comparisons





(END OF REPORT)