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

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Peachtree City, GA 30269

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: P1458683

Luminaire Tested: GLAN-SB4A-722-U-T4LG-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:	P1458683
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-722-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10771.6 lumens
Efficiency:	N/A
Efficacy:	94.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - 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: P1458683
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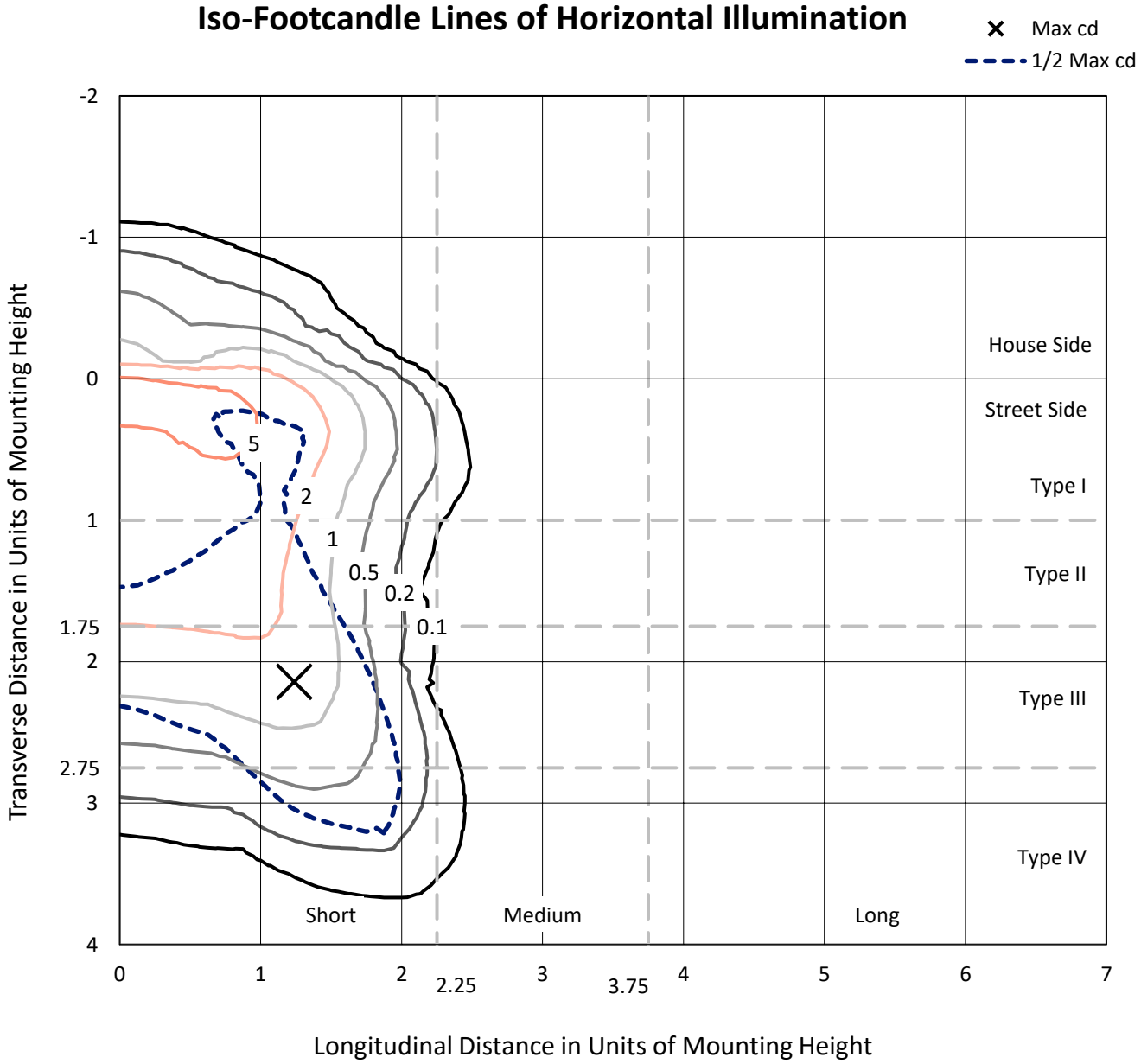
Iso-Footcandle Lines of Horizontal Illumination



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

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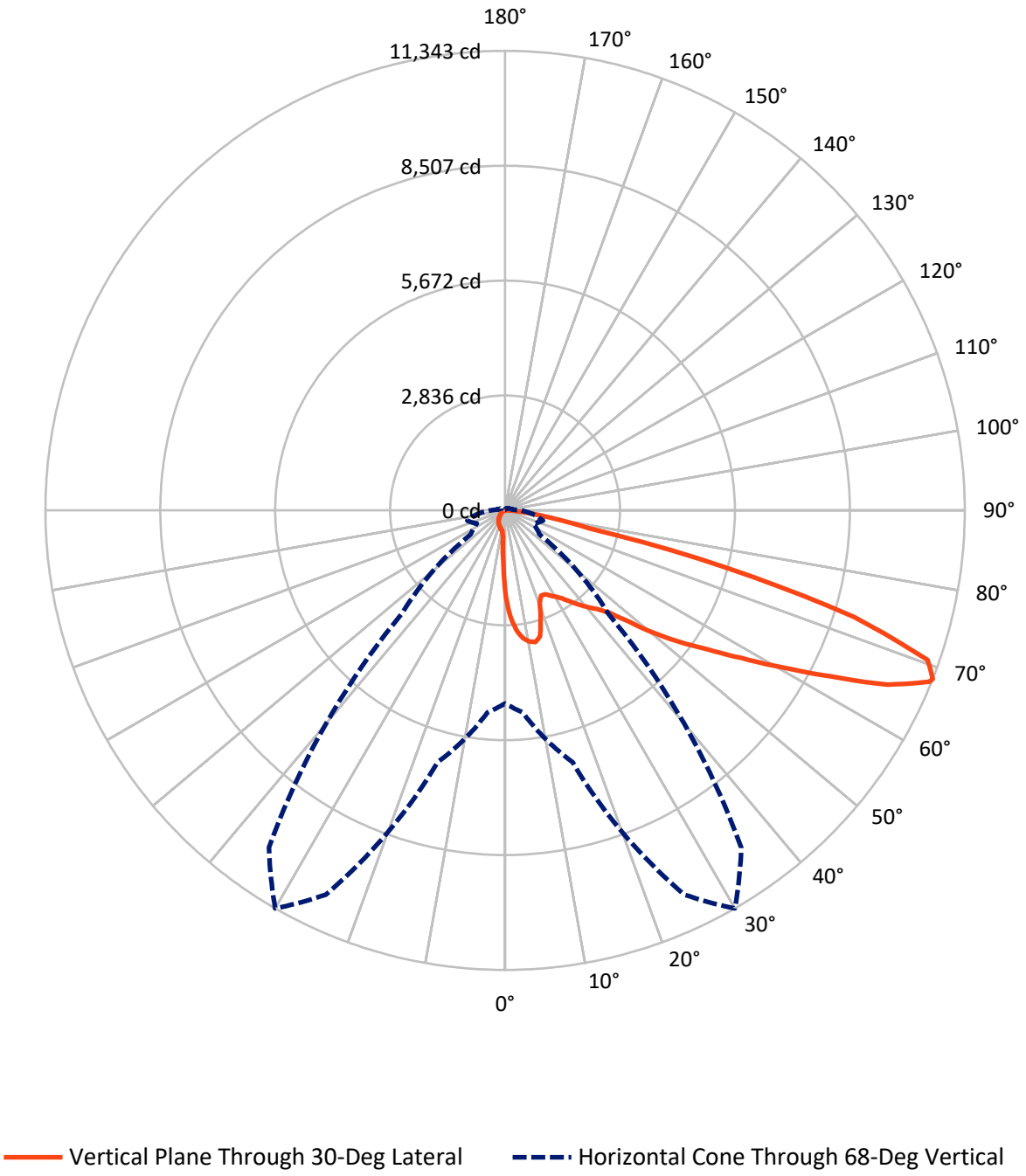
Luminous Intensity Polar Plot



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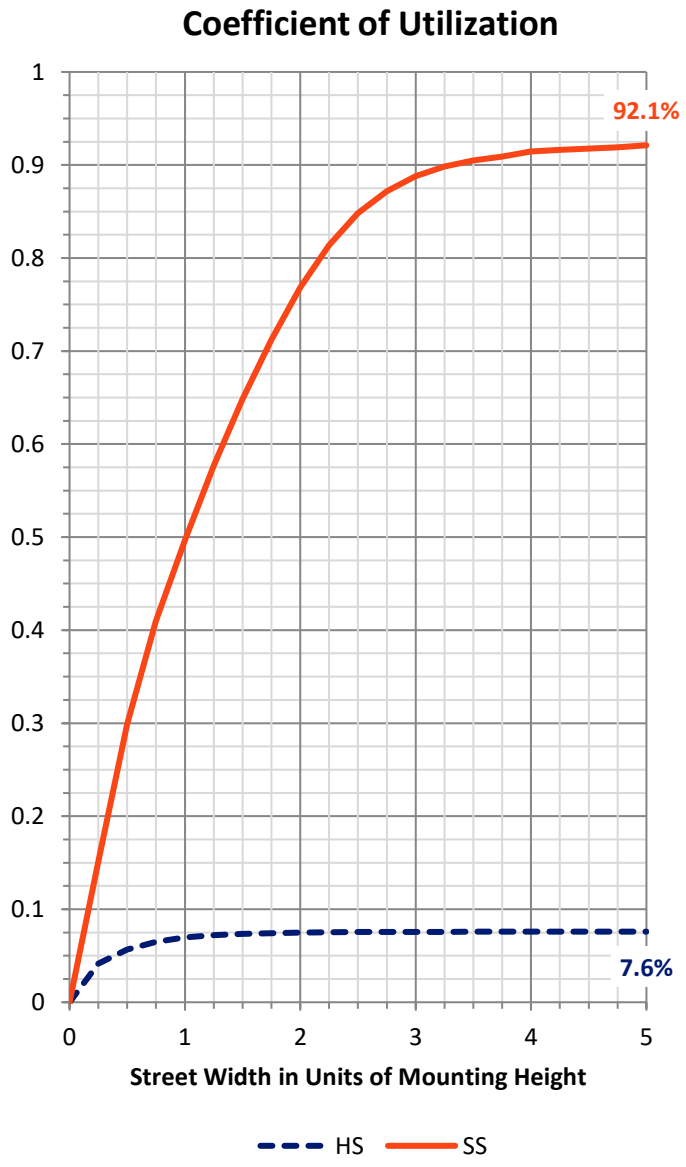
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	822.2	0.0	822.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	9949.5	0.0	9949.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	10771.6	0.0	10771.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.3	1.7
10°-20°	523.3	4.9
20°-30°	822.3	7.6
30°-40°	1289.7	12.0
40°-50°	1927.7	17.9
50°-60°	2564.4	23.8
60°-70°	2479.0	23.0
70°-80°	891.1	8.3
80°-90°	90.9	0.8
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°	10771.6	100.0
0°-180°	10771.6	100.0



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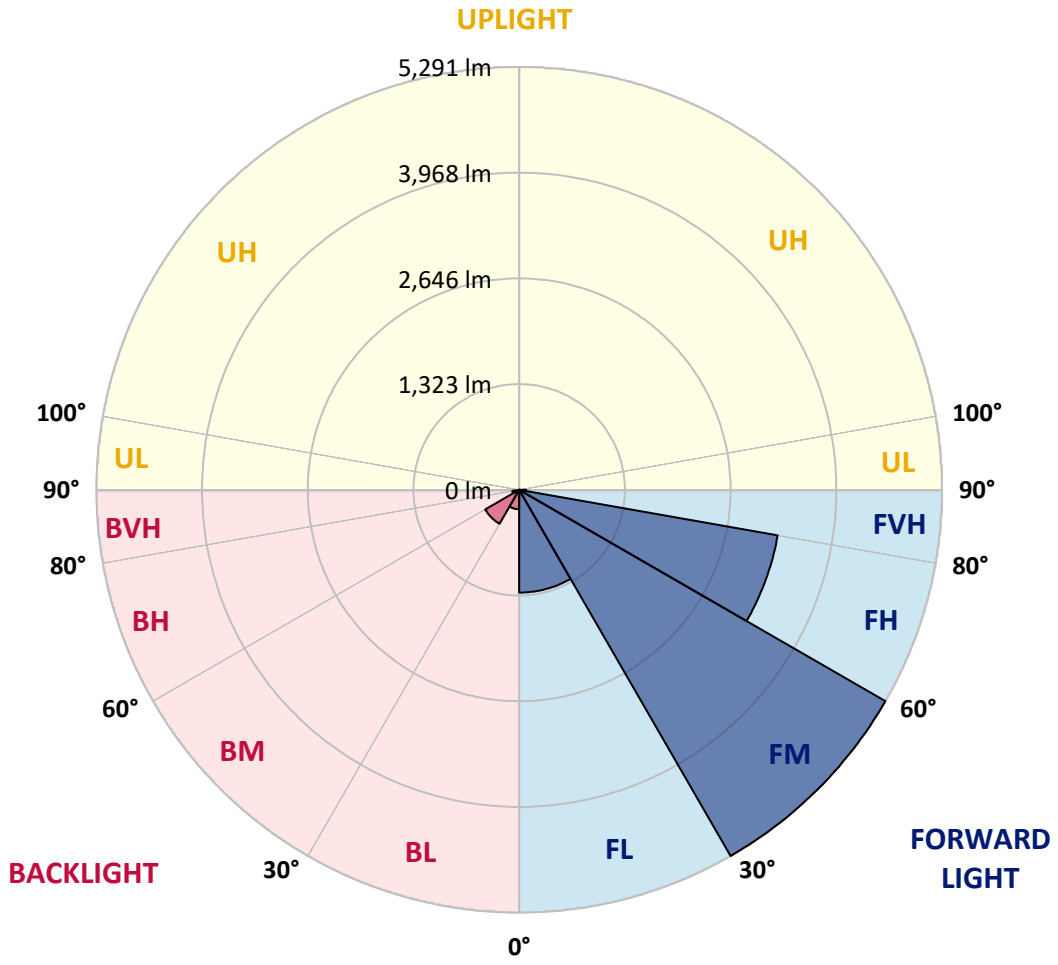
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1286.1	11.9			
FM	(30°-60°)	5291.0	49.1			
FH	(60°-80°)	3284.6	30.5			G2/5000
FVH	(80°-90°)	87.7	0.8			G1/100
BL	(0°-30°)	242.7	2.3	B1/500		
BM	(30°-60°)	490.7	4.6	B1/1000		
BH	(60°-80°)	85.5	0.8	B0/110		G0/110
BVH	(80°-90°)	3.2	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 IV Short



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REPORT NUMBER: P1458683
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0
2.5°	2714.8	2714.8	2695.4	2669.6	2640.5	2630.8	2576.0	2498.5	2417.8	2324.2	2188.6
5°	3063.4	3060.2	3021.4	3021.4	2982.7	2947.2	2892.3	2779.3	2650.2	2482.3	2246.7
7.5°	3218.3	3224.8	3208.6	3208.6	3186.1	3160.2	3127.9	3018.2	2866.5	2640.5	2304.8
10°	3273.2	3276.4	3276.4	3299.0	3292.6	3289.3	3286.1	3224.8	3066.6	2801.9	2366.1
12.5°	3140.9	3157.0	3202.2	3302.3	3334.5	3370.1	3418.5	3399.1	3289.3	3005.3	2459.7
15°	2714.8	2718.0	2843.9	3092.4	3224.8	3360.4	3547.6	3586.3	3515.3	3224.8	2556.6
17.5°	2240.2	2249.9	2350.0	2627.6	2840.7	3153.8	3621.8	3780.0	3754.2	3441.1	2647.0
20°	2043.3	2056.2	2104.7	2279.0	2440.4	2730.9	3547.6	3964.0	3973.7	3657.3	2730.9
22.5°	1998.1	2007.8	2046.6	2182.1	2282.2	2475.9	3295.8	4109.3	4222.2	3905.9	2831.0
25°	1985.2	1994.9	2053.0	2201.5	2295.1	2456.5	3066.6	4186.7	4516.0	4164.1	2927.8
27.5°	1975.5	1988.5	2082.1	2272.5	2382.3	2537.2	3024.7	4202.9	4796.8	4438.5	3086.0
30°	1988.5	2007.8	2130.5	2346.8	2472.7	2647.0	3124.7	4219.0	5106.7	4751.6	3286.1
32.5°	2040.1	2056.2	2204.7	2446.8	2592.1	2789.0	3295.8	4315.9	5400.5	5071.2	3476.6
35°	2098.2	2120.8	2298.3	2588.9	2763.2	2985.9	3528.2	4506.3	5681.3	5374.6	3673.5
37.5°	2169.2	2195.1	2408.1	2750.3	2950.4	3202.2	3780.0	4771.0	5929.9	5623.2	3870.4
40°	2266.1	2295.1	2534.0	2921.4	3137.6	3389.4	4028.6	5032.5	6120.3	5771.7	3999.5
42.5°	2647.0	2685.7	2785.8	3089.2	3331.3	3589.6	4273.9	5281.0	6191.3	5820.1	4025.3
45°	3357.1	3395.9	3370.1	3428.2	3589.6	3831.7	4541.8	5519.9	6201.0	5807.2	4012.4
47.5°	4070.5	4115.7	4093.1	4060.8	4096.4	4212.6	4842.0	5671.6	6149.4	5800.7	4012.4
50°	4751.6	4725.8	4729.0	4719.4	4751.6	4813.0	5132.5	5700.7	6136.5	5862.1	4047.9
52.5°	5116.4	5129.3	5210.0	5329.5	5400.5	5461.8	5465.0	5745.9	6042.8	5758.8	4006.0
55°	5474.7	5500.5	5687.8	5891.1	6049.3	6165.5	5797.5	5716.8	5484.4	5413.4	3786.5
57.5°	5878.2	5913.7	6178.4	6598.1	6875.7	6937.0	6126.8	5174.5	4641.9	4919.5	3360.4
60°	6433.4	6475.4	6827.3	7456.7	7869.9	7744.0	6152.6	4312.6	3686.4	4083.4	2772.9
62.5°	6869.2	6953.2	7589.1	8570.4	9025.5	8625.3	5671.6	3305.5	2576.0	2869.7	2024.0
65°	6404.4	6565.8	7602.0	9845.5	10371.6	9661.5	4916.3	2256.4	1452.6	1856.1	1294.4
67.5°	5177.7	5403.7	6749.8	10465.2	11294.8	10207.0	3870.4	1197.6	832.8	1078.2	681.1
68°	4764.6	5009.9	6436.7	10465.2	11343.3	10158.6	3592.8	1036.2	768.3	968.4	590.7
70°	3292.6	3466.9	4948.6	9877.7	11059.2	9261.2	2366.1	594.0	577.8	665.0	390.6
72.5°	1614.0	1801.2	2647.0	7827.9	9009.4	7117.8	1078.2	393.8	439.0	487.4	306.7
75°	642.4	681.1	1042.6	3860.7	5629.7	4541.8	564.9	297.0	377.7	380.9	242.1
77.5°	368.0	390.6	577.8	1420.3	2111.1	2030.4	364.8	213.0	300.2	274.4	158.2
80°	206.6	209.8	326.0	748.9	1207.3	1081.4	248.6	154.9	229.2	193.7	106.5
82.5°	103.3	116.2	206.6	413.2	671.4	687.6	132.3	109.8	184.0	138.8	87.2
85°	74.2	80.7	148.5	229.2	309.9	464.8	80.7	54.9	138.8	93.6	61.3
87.5°	38.7	48.4	93.6	113.0	125.9	158.2	38.7	25.8	77.5	54.9	32.3
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: P1458683
CATALOG NUMBER: GLAN-SB4A-722-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0	2124.0
2.5°	2124.0	2049.8	1898.1	1720.5	1581.7	1439.7	1323.5	1213.7	1162.1	1155.6	1168.5
5°	2114.4	1953.0	1607.6	1268.6	991.0	797.3	690.8	635.9	606.9	594.0	597.2
7.5°	2095.0	1849.7	1297.7	858.7	642.4	558.4	532.6	522.9	519.7	519.7	519.7
10°	2075.6	1710.8	994.2	629.5	526.2	503.6	497.1	497.1	493.9	493.9	497.1
12.5°	2065.9	1581.7	771.5	526.2	490.7	481.0	474.5	471.3	471.3	471.3	474.5
15°	2043.3	1439.7	623.0	487.4	468.1	455.2	451.9	448.7	448.7	448.7	448.7
17.5°	2024.0	1300.9	542.3	461.6	445.5	432.6	429.3	426.1	426.1	429.3	429.3
20°	1994.9	1168.5	487.4	435.8	422.9	410.0	406.7	403.5	406.7	406.7	406.7
22.5°	1959.4	1058.8	455.2	416.4	400.3	387.4	387.4	387.4	387.4	387.4	390.6
25°	1936.8	981.3	432.6	393.8	377.7	368.0	364.8	364.8	371.2	371.2	374.5
27.5°	1972.3	961.9	435.8	387.4	358.3	348.6	345.4	345.4	351.9	355.1	358.3
30°	2078.8	997.5	474.5	406.7	345.4	329.3	326.0	326.0	335.7	338.9	342.2
32.5°	2201.5	1071.7	532.6	432.6	335.7	309.9	303.4	303.4	313.1	316.3	319.6
35°	2369.4	1187.9	610.1	455.2	342.2	290.5	277.6	277.6	284.1	290.5	293.7
37.5°	2585.6	1378.4	700.5	471.3	342.2	267.9	251.8	248.6	255.0	255.0	258.2
40°	2811.6	1626.9	794.1	471.3	326.0	245.3	229.2	219.5	222.7	219.5	222.7
42.5°	2937.5	1827.1	874.8	442.2	306.7	222.7	206.6	193.7	190.5	184.0	187.2
45°	3008.5	1917.4	852.2	410.0	287.3	206.6	187.2	171.1	164.6	154.9	154.9
47.5°	3008.5	1927.1	729.5	384.1	267.9	193.7	167.9	151.7	142.0	132.3	135.6
50°	2973.0	1840.0	577.8	358.3	245.3	180.8	151.7	138.8	125.9	119.4	119.4
52.5°	2824.5	1555.9	442.2	326.0	219.5	164.6	135.6	122.7	109.8	106.5	106.5
55°	2569.5	1142.7	358.3	293.7	196.9	151.7	122.7	113.0	100.1	93.6	93.6
57.5°	2088.5	781.2	297.0	264.7	174.3	135.6	109.8	100.1	83.9	77.5	77.5
60°	1549.4	510.0	251.8	232.4	148.5	122.7	96.8	83.9	71.0	64.6	61.3
62.5°	1045.9	345.4	209.8	184.0	125.9	106.5	83.9	71.0	54.9	42.0	42.0
65°	652.1	267.9	174.3	145.3	109.8	93.6	71.0	54.9	38.7	29.1	25.8
67.5°	374.5	216.3	142.0	113.0	93.6	74.2	54.9	45.2	32.3	22.6	19.4
68°	*345.4*	*206.6*	*132.3*	*106.5*	*87.2*	*71.0*	*51.6*	*42.0*	*29.1*	*19.4*	*19.4*
70°	280.8	184.0	113.0	87.2	74.2	58.1	45.2	35.5	22.6	12.9	12.9
72.5°	248.6	154.9	96.8	67.8	51.6	48.4	35.5	25.8	16.1	9.7	6.5
75°	203.4	122.7	77.5	51.6	35.5	35.5	25.8	16.1	6.5	0.0	0.0
77.5°	132.3	90.4	61.3	32.3	19.4	22.6	16.1	6.5	0.0	0.0	0.0
80°	87.2	67.8	42.0	16.1	9.7	9.7	3.2	0.0	0.0	0.0	0.0
82.5°	61.3	45.2	25.8	6.5	3.2	3.2	0.0	0.0	0.0	0.0	0.0
85°	38.7	19.4	9.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	6.5	3.2	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

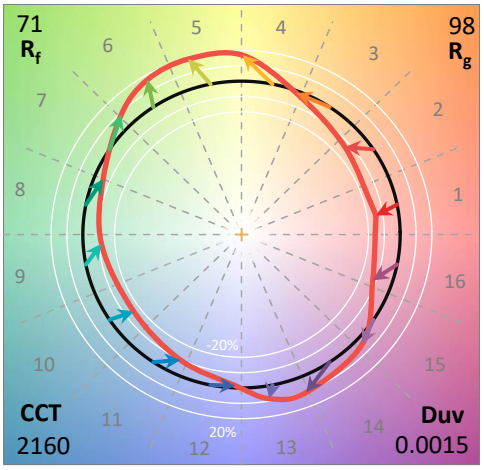
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

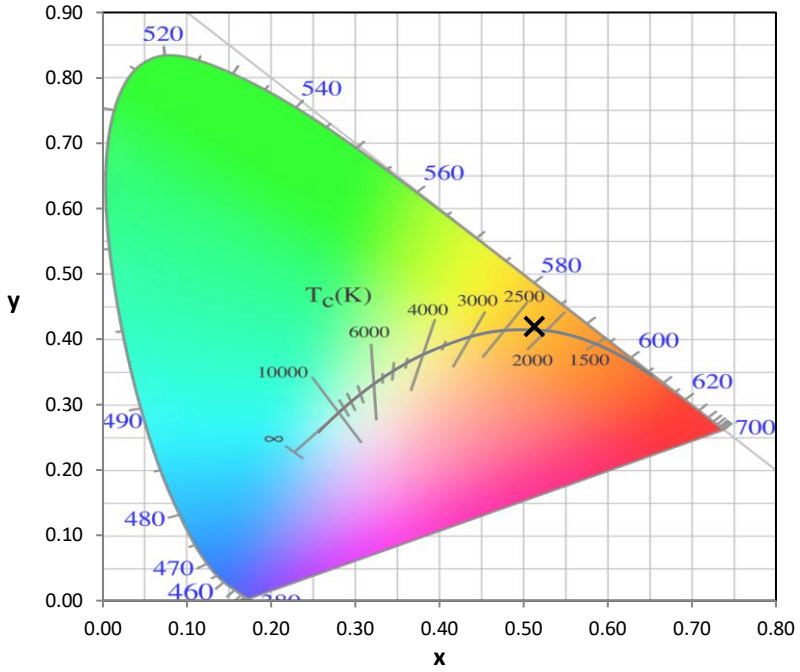
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

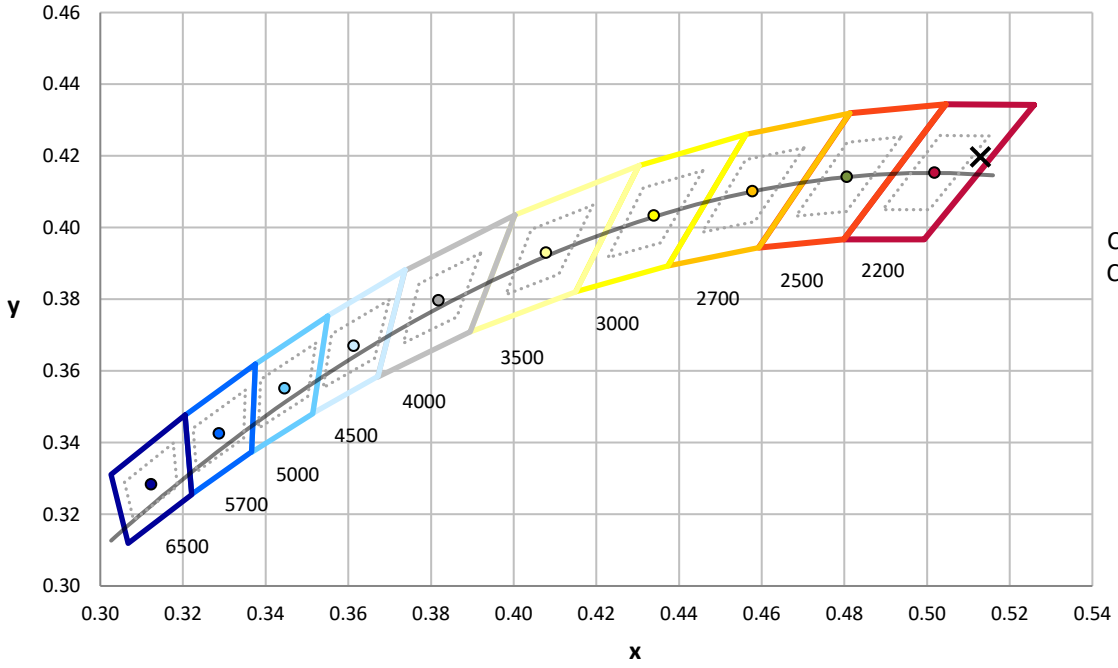
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

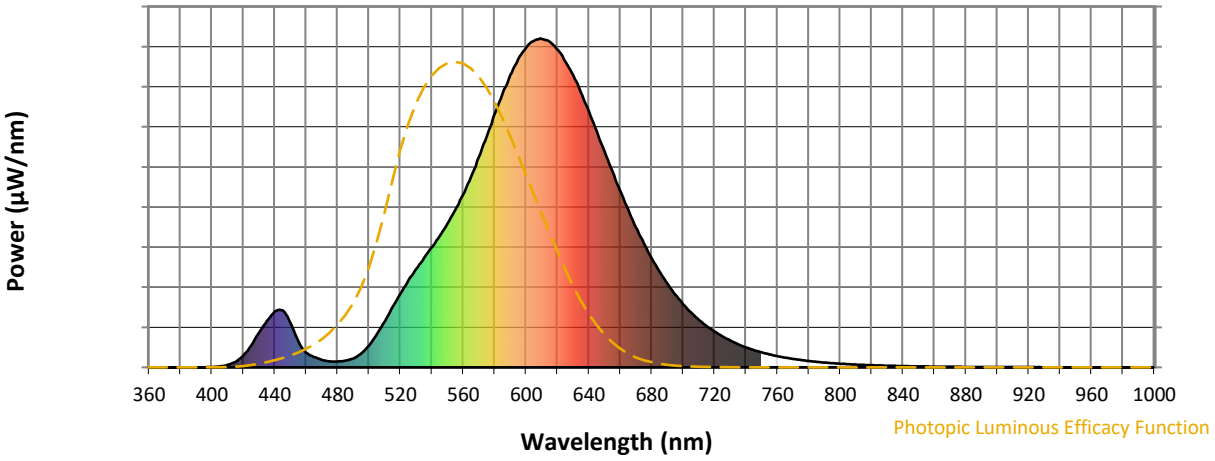


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

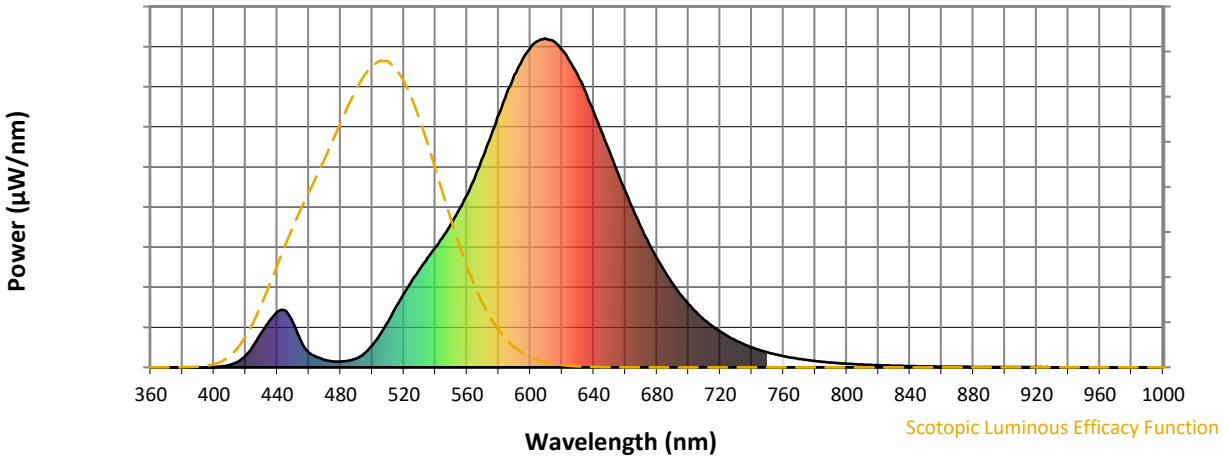


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

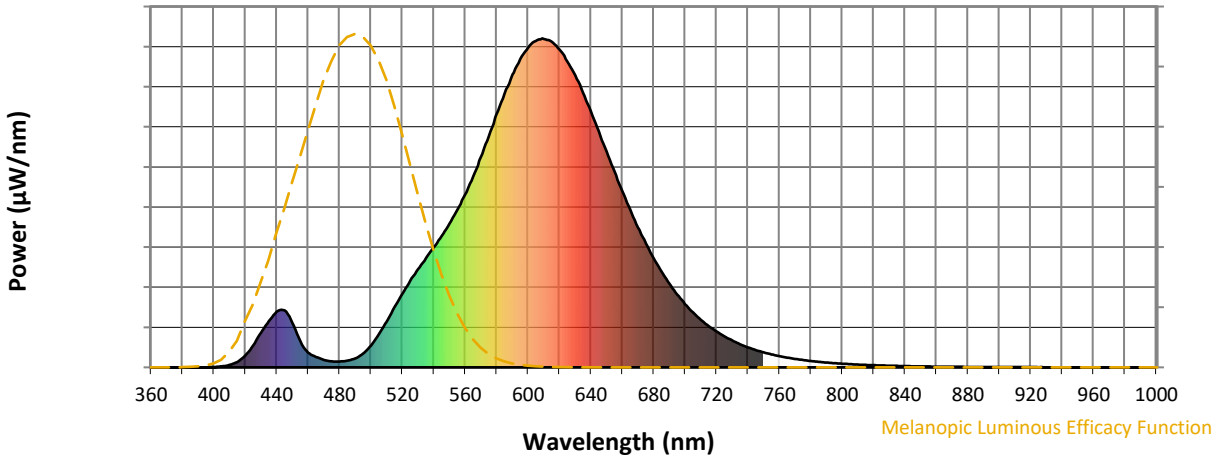


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

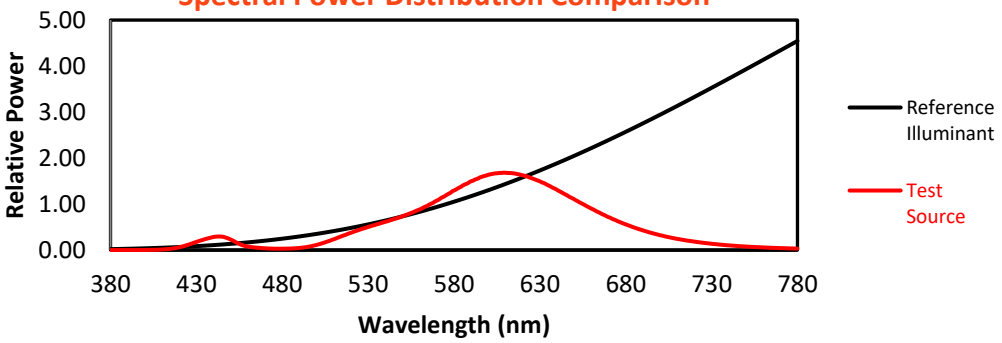
REPORT NUMBER: SP1-2407-184-2

TM-30-18

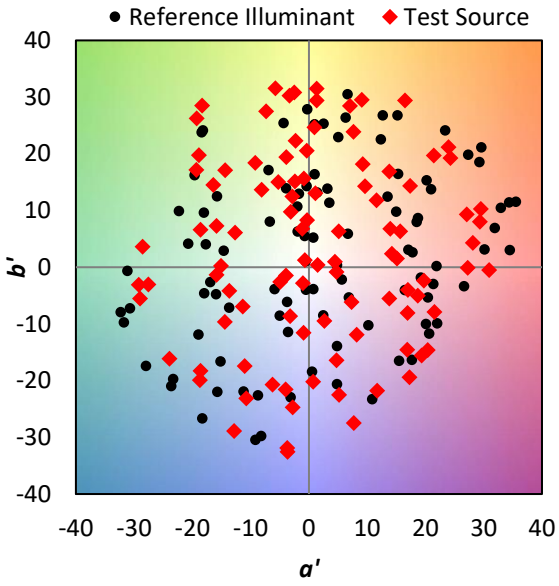
Summary

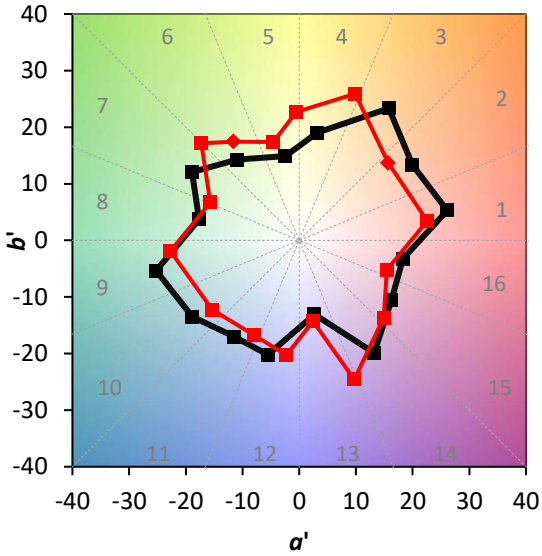
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

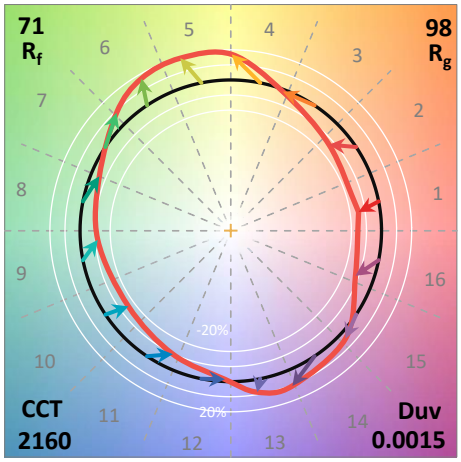
Spectral Power Distribution Comparison

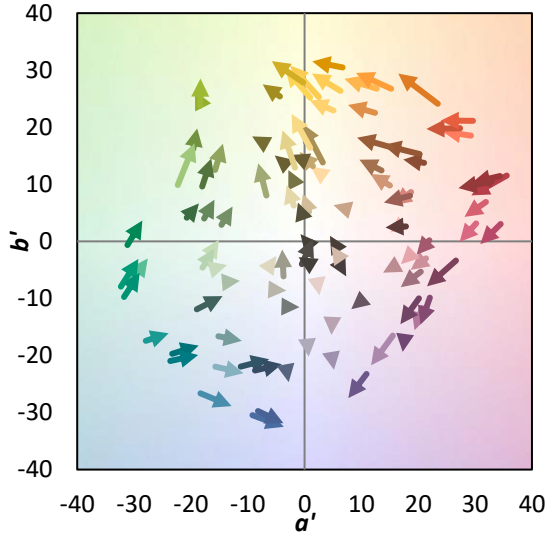


Color Vector Graphics







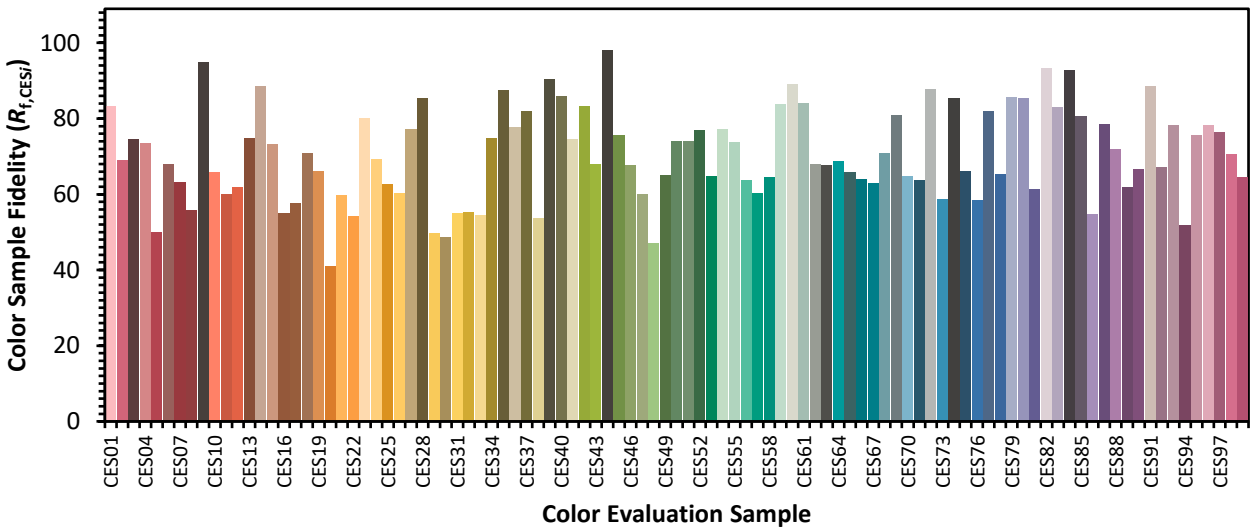


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

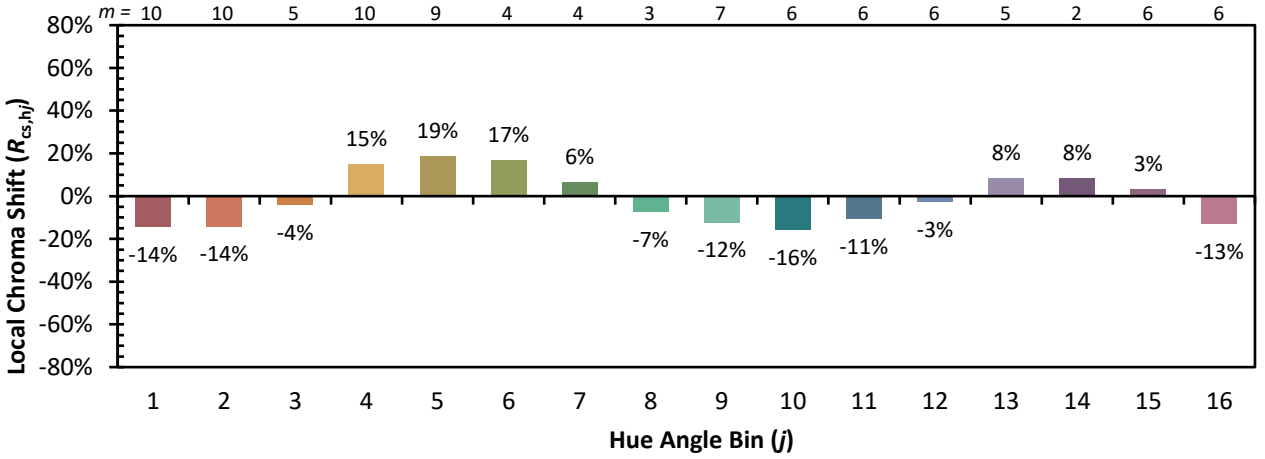
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

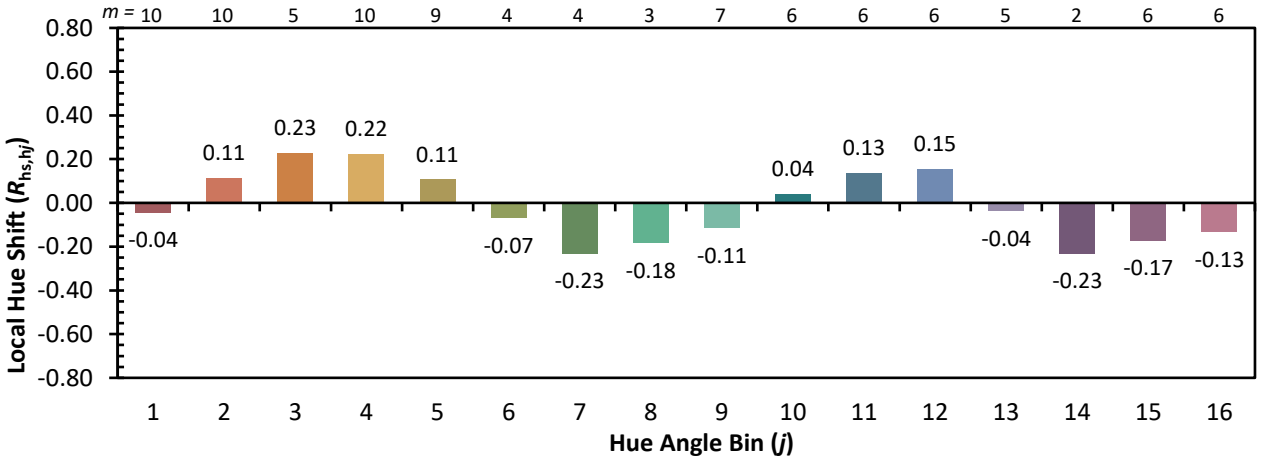


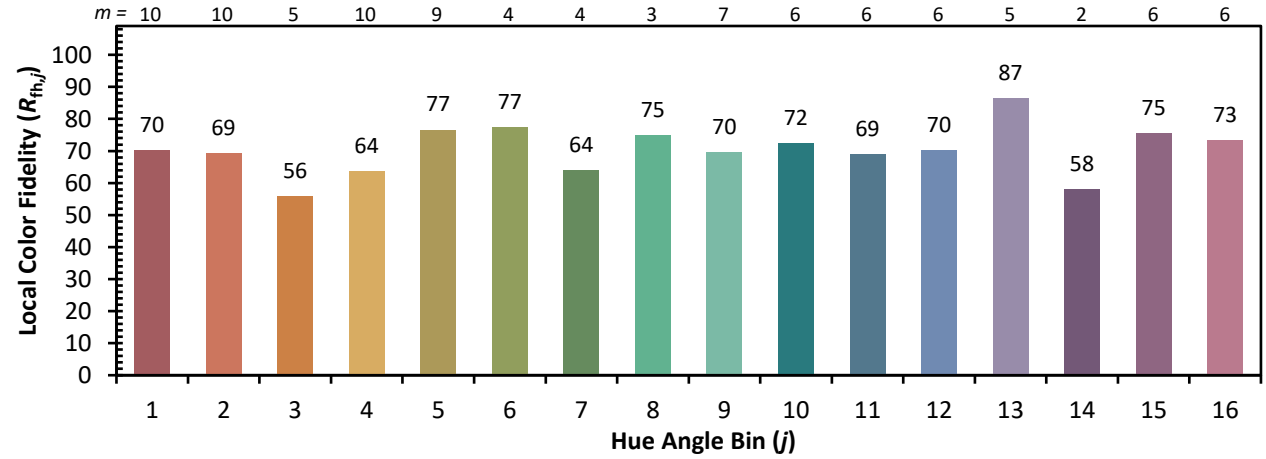
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



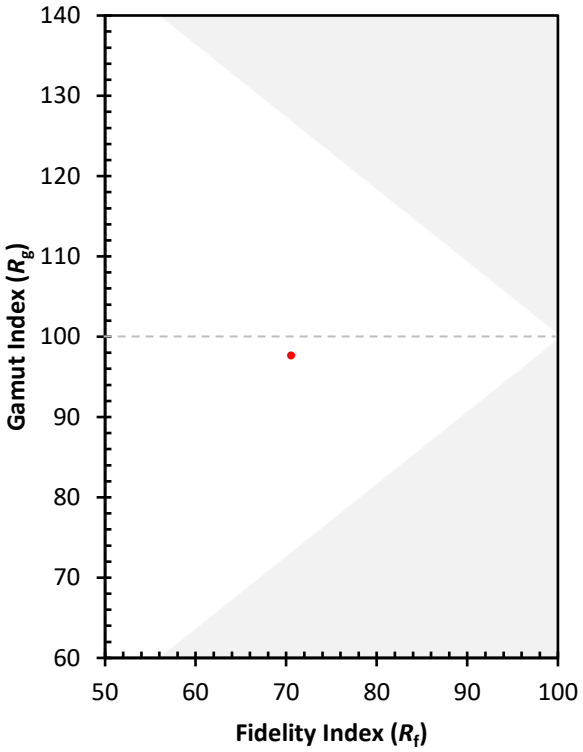


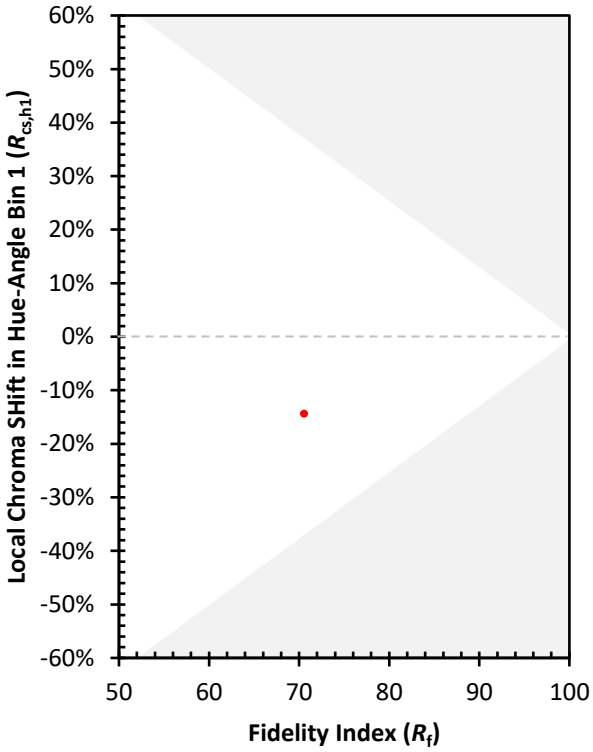


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)