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: McGRAW-EDISON

Report Number: P1500582

Luminaire Tested: GSS-SB1B-722-U-T4LG

Issue Date: 07/20/2026

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:	P1500582
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-722-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4250.7 lumens
Efficiency:	N/A
Efficacy:	106.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

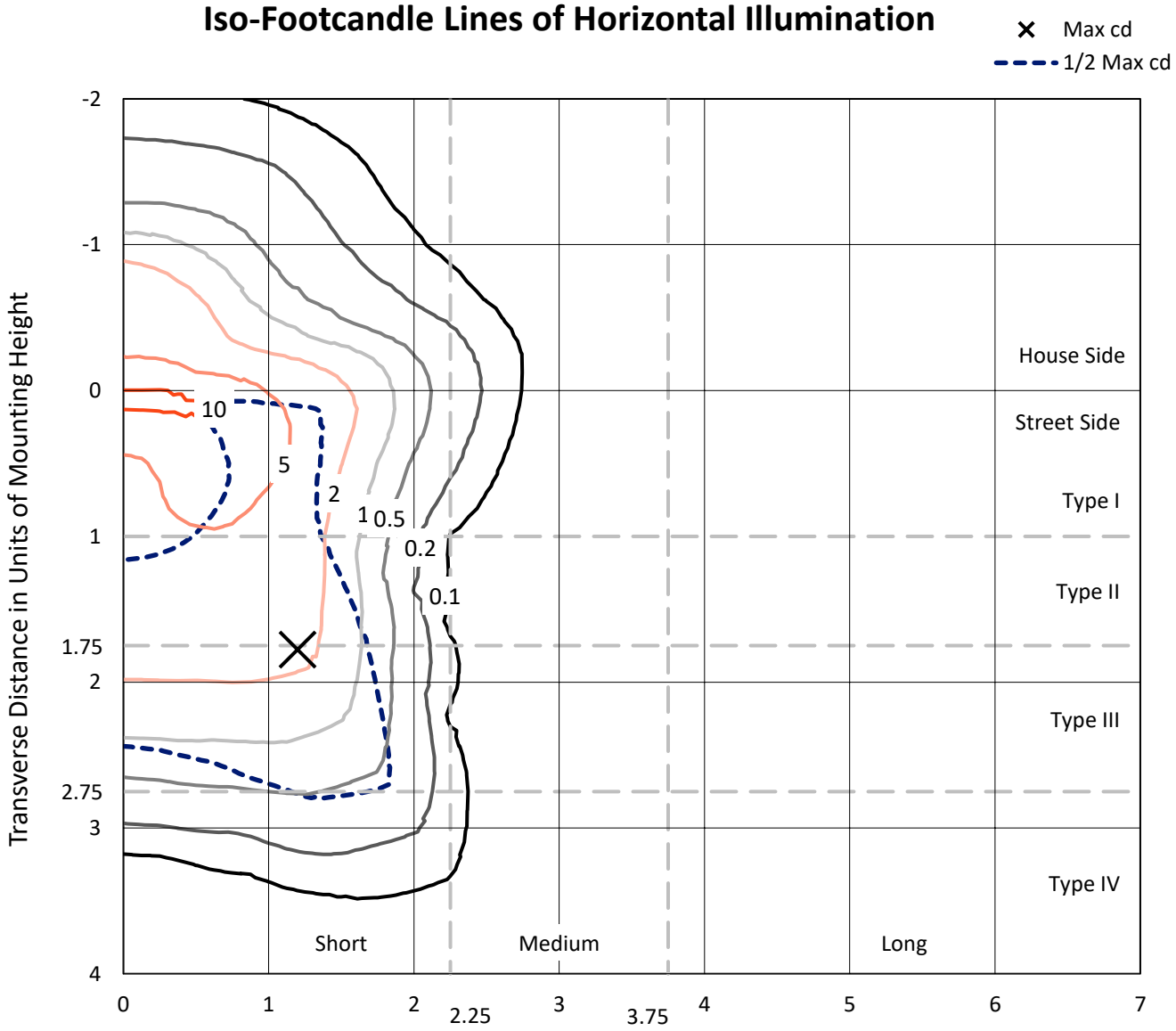
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500582
CATALOG NUMBER: GSS-SB1B-722-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



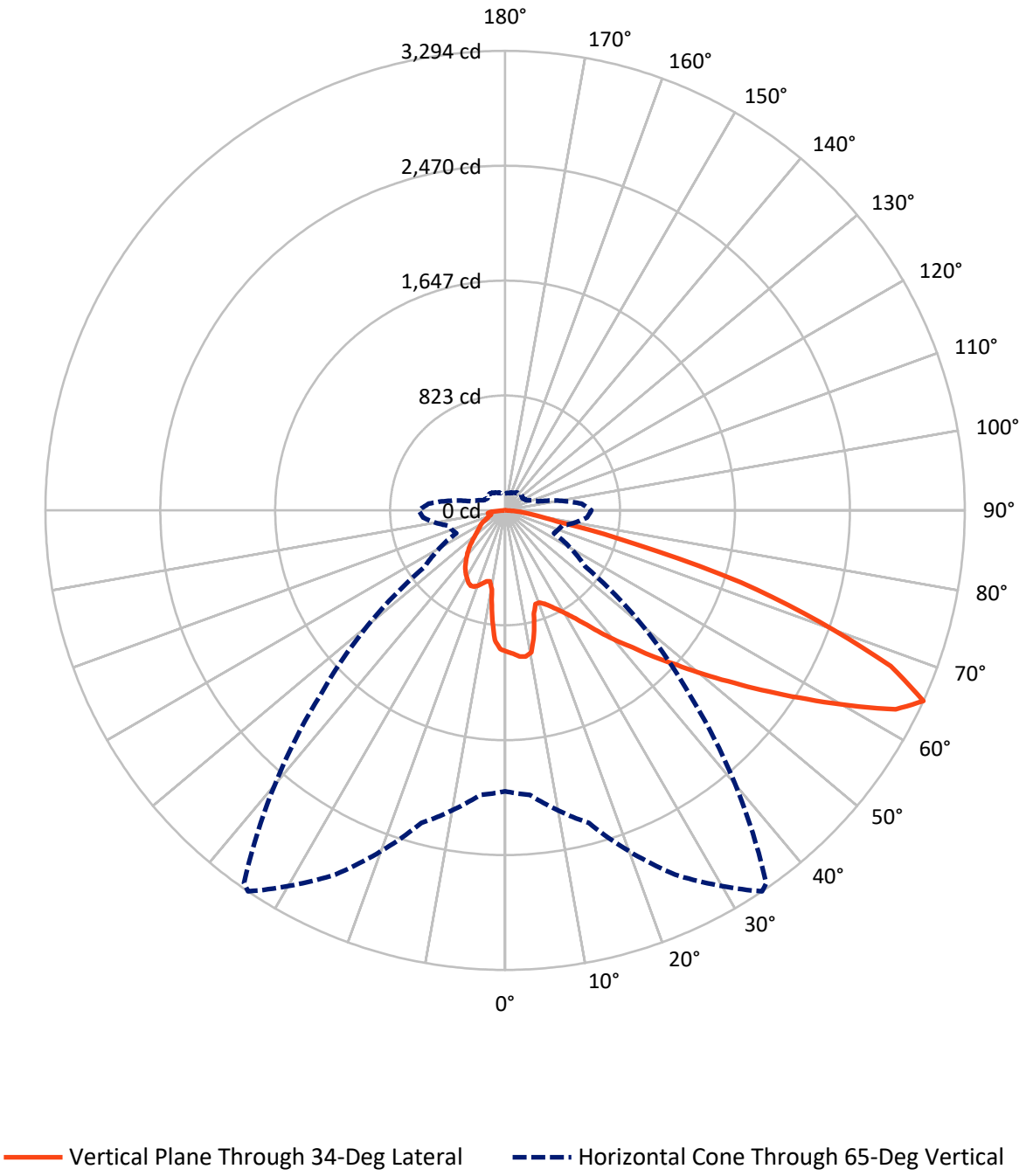
Based on 10 foot mounting height. Maximum calculated value = 10.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1500582
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Luminous Intensity Polar Plot



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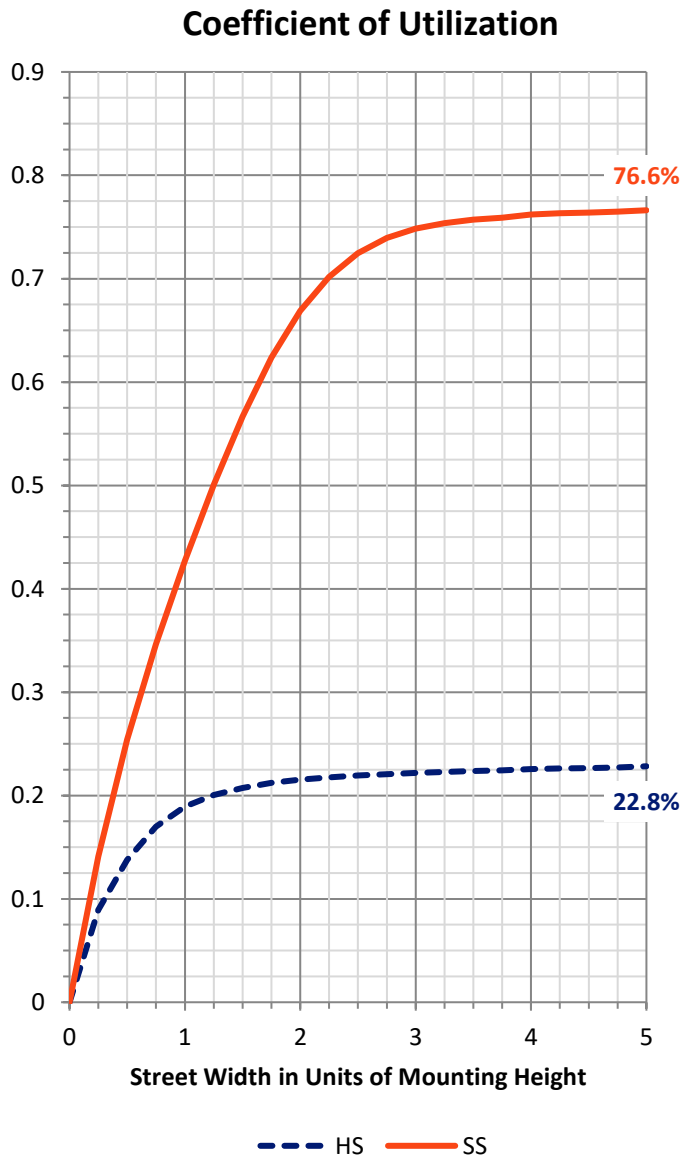
REPORT NUMBER: P1500582
CATALOG NUMBER: GSS-SB1B-722-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	988.9	0.0	988.9
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	3261.7	0.0	3261.7
	% Fixture	76.7	0.0	76.7
Total	Lumens	4250.7	0.0	4250.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.1	2.1
10°-20°	229.3	5.4
20°-30°	380.1	8.9
30°-40°	571.7	13.4
40°-50°	800.9	18.8
50°-60°	1009.8	23.8
60°-70°	868.5	20.4
70°-80°	258.2	6.1
80°-90°	41.2	1.0
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°	4250.7	100.0
0°-180°	4250.7	100.0



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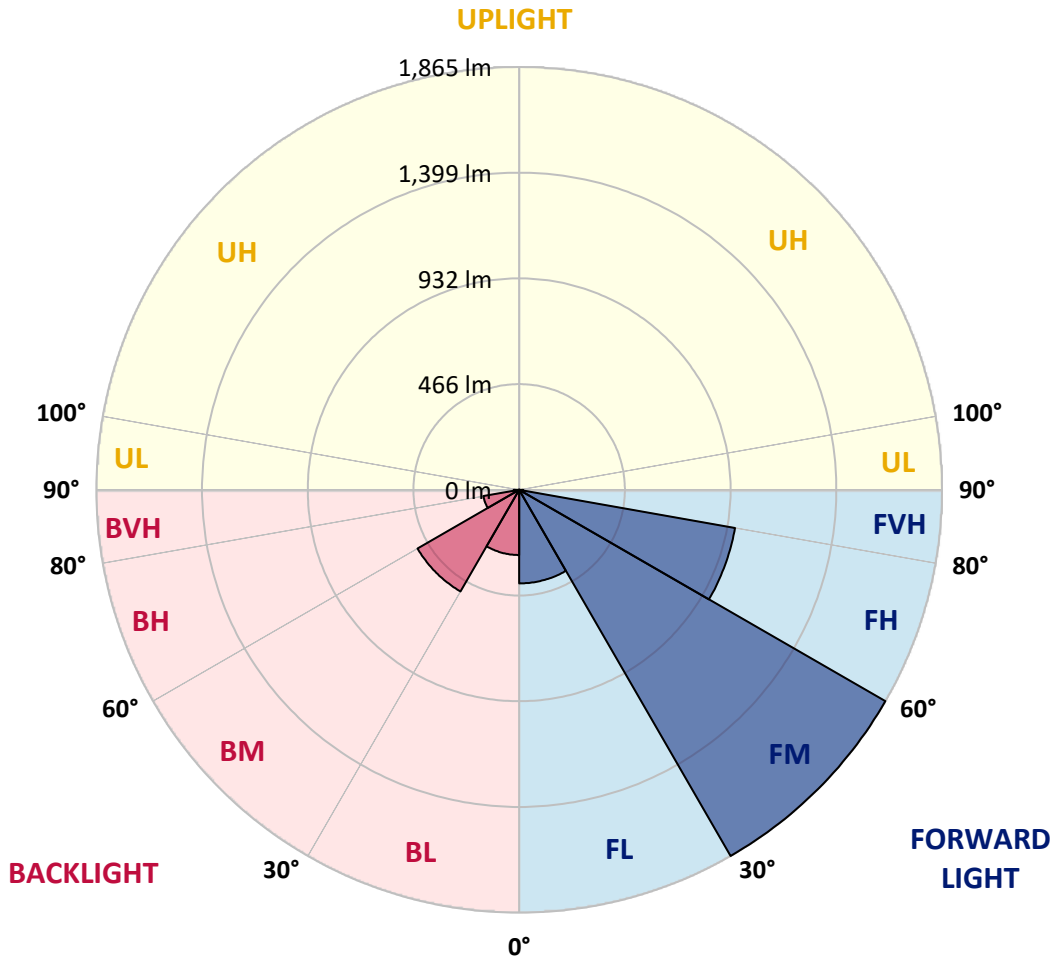
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REPORT NUMBER: P1500582
CATALOG NUMBER: GSS-SB1B-722-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	412.8	9.7			
FM	(30°-60°)	1864.9	43.9			
FH	(60°-80°)	966.6	22.7			G1/1800
FVH	(80°-90°)	17.4	0.4			G1/100
BL	(0°-30°)	287.7	6.8	B1/500		
BM	(30°-60°)	517.4	12.2	B1/1000		
BH	(60°-80°)	160.1	3.8	B1/500		G1/500
BVH	(80°-90°)	23.8	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1500582
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1010.6	1010.6	1010.6	1010.6	*1010.6*	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6
2.5°	1029.9	1035.6	1028.9	1026.0	*1027.0*	1027.9	1023.1	1024.1	1018.3	1018.3	1013.5
5°	1052.0	1053.0	1049.1	1052.0	*1051.0*	1050.1	1050.1	1049.1	1036.6	1033.7	1028.9
7.5°	1039.5	1043.3	1045.3	1055.9	*1058.7*	1064.5	1068.4	1070.3	1060.7	1053.0	1040.5
10°	925.0	927.8	950.0	998.1	*1034.7*	1041.4	1077.0	1097.2	1090.5	1086.7	1065.5
12.5°	739.2	744.0	769.0	831.6	*917.3*	935.5	1049.1	1117.5	1132.9	1133.8	1103.0
15°	659.3	659.3	667.0	702.6	*771.9*	786.4	953.8	1123.2	1178.1	1184.8	1147.3
17.5°	642.9	642.0	646.8	668.0	*704.5*	713.2	844.1	1093.4	1232.0	1243.5	1195.4
20°	642.0	639.1	648.7	672.8	*704.5*	712.2	793.1	1041.4	1274.3	1310.9	1243.5
22.5°	642.9	642.9	656.4	691.1	*727.6*	734.4	802.7	998.1	1309.0	1381.2	1294.6
25°	653.5	651.6	670.9	713.2	*763.3*	768.1	842.2	996.2	1338.8	1460.1	1356.2
27.5°	670.9	671.8	697.8	748.8	*805.6*	815.2	897.0	1037.6	1375.4	1546.7	1415.8
30°	707.4	708.4	739.2	791.2	*856.6*	869.1	960.6	1099.2	1427.4	1640.1	1480.3
32.5°	748.8	753.6	791.2	851.8	*922.1*	928.8	1038.5	1191.6	1505.3	1733.4	1549.6
35°	818.1	822.9	865.3	928.8	*1006.8*	1016.4	1133.8	1298.4	1600.6	1827.8	1603.5
37.5°	907.6	911.5	952.9	1029.9	*1112.6*	1122.3	1239.7	1412.0	1696.9	1902.8	1651.6
40°	1014.5	1023.1	1067.4	1142.5	*1226.2*	1232.0	1355.2	1521.7	1800.8	1954.8	1670.9
42.5°	1130.9	1139.6	1184.8	1267.6	*1344.6*	1361.9	1480.3	1638.2	1885.5	1977.9	1655.5
45°	1280.1	1278.2	1320.5	1407.2	*1497.6*	1504.4	1614.1	1734.4	1936.5	1958.7	1640.1
47.5°	1461.1	1463.0	1489.9	1560.2	*1653.6*	1669.0	1753.7	1817.2	1966.4	1943.3	1622.8
50°	1665.1	1669.9	1693.0	1744.0	*1844.1*	1854.7	1879.7	1874.9	1984.7	1910.5	1629.5
52.5°	1869.2	1872.0	1902.8	1956.7	*2054.0*	2061.7	2006.8	1919.2	1916.3	1778.7	1615.1
55°	2036.6	2035.7	2090.5	2173.3	*2291.7*	2286.9	2131.9	1885.5	1702.6	1573.7	1550.6
57.5°	2182.0	2187.7	2259.0	2402.4	*2551.6*	2547.7	2265.7	1707.5	1390.8	1331.1	1445.7
60°	2312.9	2326.3	2460.1	2674.8	*2839.4*	2816.3	2289.8	1438.9	1081.8	1042.4	1237.8
62.5°	2256.1	2281.1	2495.7	2914.4	*3140.6*	3089.6	2141.5	1114.6	732.5	696.8	874.9
65°	*2013.5*	*2047.2*	*2319.6*	*2879.8*	*3293.7*	*3261.9*	*1872.0*	*700.7*	*386.0*	*423.5*	*589.0*
67.5°	1691.1	1731.5	2026.0	2587.2	*2979.9*	2911.5	1454.3	368.6	180.0	279.1	365.7
70°	926.9	1027.0	1464.9	2200.3	*2387.0*	2291.7	841.2	174.2	130.9	174.2	218.5
72.5°	348.4	372.5	635.2	1479.4	*1768.1*	1650.7	319.5	112.6	109.7	129.0	157.8
75°	167.5	179.0	276.2	672.8	*965.4*	899.9	156.9	83.7	94.3	101.1	114.5
77.5°	100.1	107.8	172.3	390.8	*380.2*	349.4	96.2	64.5	76.0	72.2	67.4
80°	59.7	66.4	104.9	222.3	*229.1*	203.1	58.7	45.2	52.9	46.2	41.4
82.5°	34.6	37.5	54.9	100.1	*145.3*	133.8	33.7	26.9	38.5	30.8	23.1
85°	17.3	18.3	25.0	43.3	*72.2*	54.9	14.4	12.5	18.3	13.5	7.7
87.5°	3.8	3.8	3.8	4.8	*6.7*	6.7	1.9	1.0	1.0	1.0	1.0
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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Scaled Data Report

REPORT NUMBER: P1500582
CATALOG NUMBER: GSS-SB1B-722-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6
2.5°	1012.5	1014.5	1007.7	1000.0	998.1	992.3	994.3	990.4	984.6	985.6	986.6
5°	1022.2	1018.3	1004.8	987.5	972.1	954.8	934.6	911.5	895.1	888.4	894.2
7.5°	1030.8	1027.0	1003.9	965.4	913.4	841.2	766.1	697.8	650.6	633.3	637.2
10°	1054.9	1039.5	997.1	913.4	789.2	652.6	576.5	534.2	519.7	512.0	513.0
12.5°	1086.7	1065.5	984.6	822.9	635.2	548.6	521.7	512.0	507.2	505.3	507.2
15°	1125.2	1092.4	954.8	709.4	564.0	530.3	524.6	525.5	525.5	526.5	526.5
17.5°	1158.8	1107.8	900.9	627.5	549.6	540.0	545.7	550.5	550.5	551.5	550.5
20°	1189.6	1115.5	831.6	592.9	552.5	557.3	570.8	575.6	576.5	575.6	575.6
22.5°	1222.4	1120.3	762.3	573.6	559.2	573.6	588.1	594.8	596.7	597.7	598.7
25°	1254.1	1110.7	705.5	558.2	556.3	576.5	592.9	601.6	603.5	603.5	604.4
27.5°	1285.9	1107.8	667.0	538.0	542.8	559.2	578.5	590.0	597.7	598.7	599.6
30°	1322.5	1099.2	630.4	511.1	513.0	533.2	553.4	573.6	589.0	595.8	595.8
32.5°	1347.5	1090.5	597.7	482.2	482.2	503.4	528.4	553.4	575.6	589.0	591.9
35°	1371.6	1082.8	568.8	453.3	454.3	474.5	500.5	527.4	555.4	571.7	579.4
37.5°	1384.1	1075.1	548.6	431.2	427.3	448.5	465.8	488.0	517.8	544.8	551.5
40°	1387.0	1075.1	546.7	415.8	399.4	423.5	431.2	446.6	473.5	502.4	513.0
42.5°	1367.7	1064.5	556.3	406.2	370.6	387.9	396.5	404.2	421.6	445.6	454.3
45°	1344.6	1050.1	565.0	392.7	334.9	348.4	361.9	362.9	370.6	376.3	382.1
47.5°	1325.4	1034.7	549.6	367.7	298.4	308.0	322.4	322.4	318.6	307.0	303.2
50°	1340.8	1039.5	523.6	332.1	264.7	271.4	286.8	278.2	269.5	245.4	242.5
52.5°	1354.2	1057.8	492.8	297.4	235.8	242.5	257.9	244.5	227.1	207.9	205.0
55°	1332.1	1058.7	436.0	258.9	215.6	221.4	235.8	219.4	203.1	191.5	189.6
57.5°	1265.7	1029.9	376.3	229.1	198.3	204.0	217.5	201.2	185.8	184.8	189.6
60°	1119.4	928.8	321.5	209.8	181.9	188.6	202.1	184.8	164.6	155.9	158.8
62.5°	845.1	714.2	275.3	187.7	166.5	175.2	184.8	156.9	139.6	135.7	131.9
65°	*617.9*	*548.6*	*247.4*	*170.4*	*152.1*	*162.7*	*155.0*	*139.6*	*128.0*	*124.2*	*122.2*
67.5°	399.4	372.5	212.7	154.0	138.6	147.3	136.7	129.0	116.5	114.5	117.4
70°	244.5	253.1	178.1	135.7	125.1	123.2	125.1	117.4	103.9	106.8	110.7
72.5°	173.2	186.7	153.0	118.4	106.8	103.0	111.6	106.8	97.2	100.1	103.9
75°	124.2	138.6	126.1	97.2	90.5	88.5	103.9	106.8	100.1	102.0	104.9
77.5°	73.1	88.5	89.5	75.1	68.3	78.9	110.7	123.2	118.4	112.6	109.7
80°	47.2	52.9	63.5	48.1	48.1	68.3	121.3	150.1	129.0	114.5	112.6
82.5°	24.1	27.9	41.4	30.8	28.9	51.0	119.3	143.4	142.4	127.0	124.2
85°	6.7	8.7	19.2	13.5	11.5	26.9	89.5	107.8	96.2	70.3	71.2
87.5°	1.0	1.0	0.0	0.0	1.0	3.8	10.6	1.9	1.9	1.9	1.9
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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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

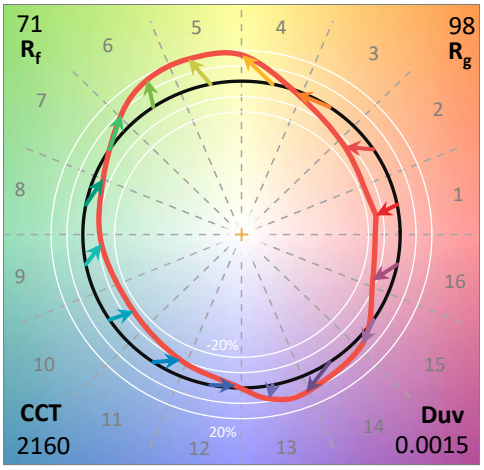
Test Information

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

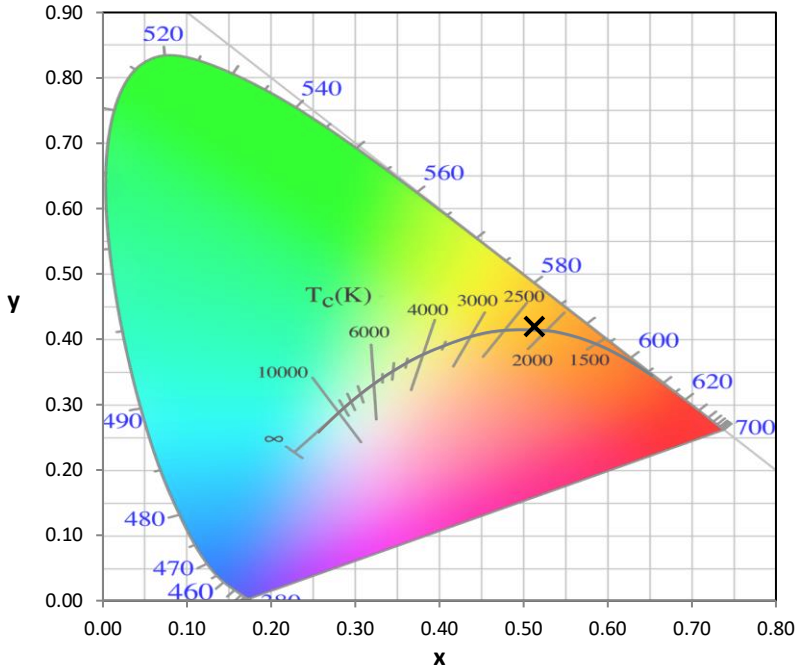
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

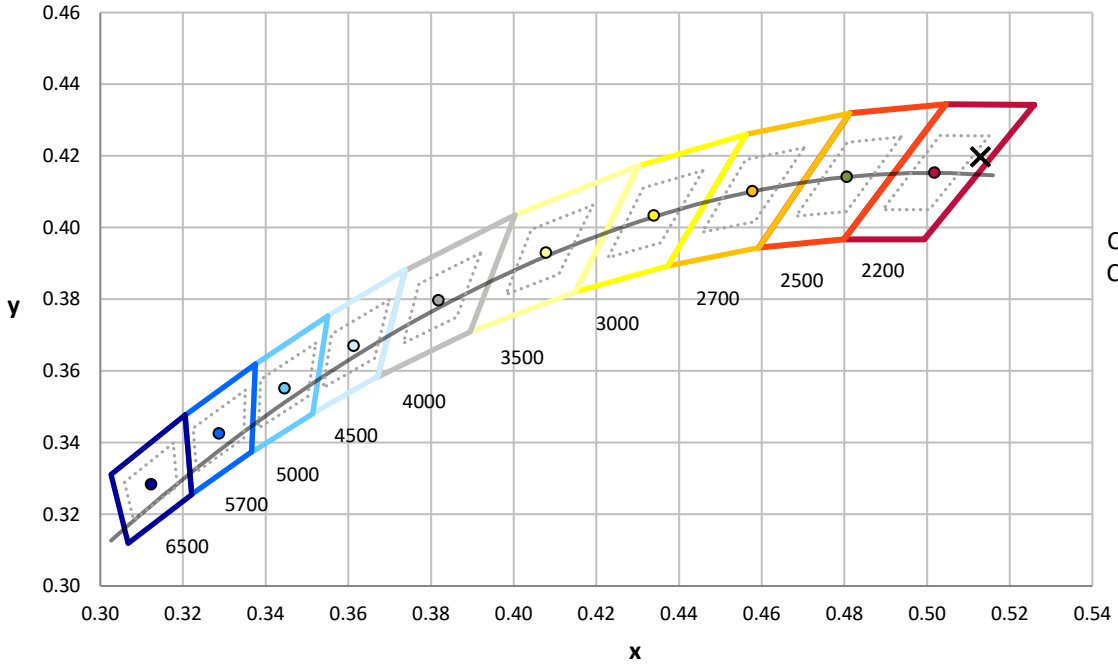
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

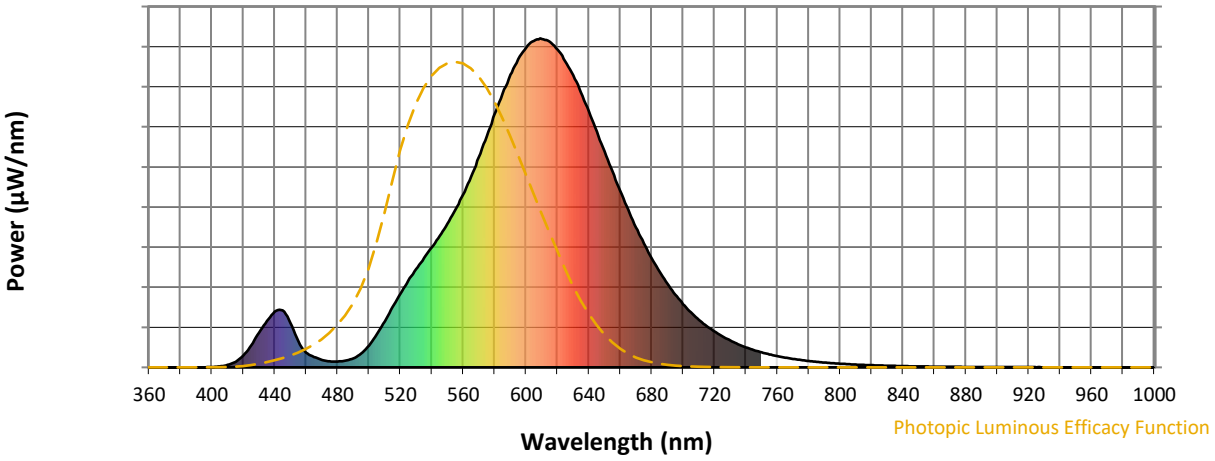


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

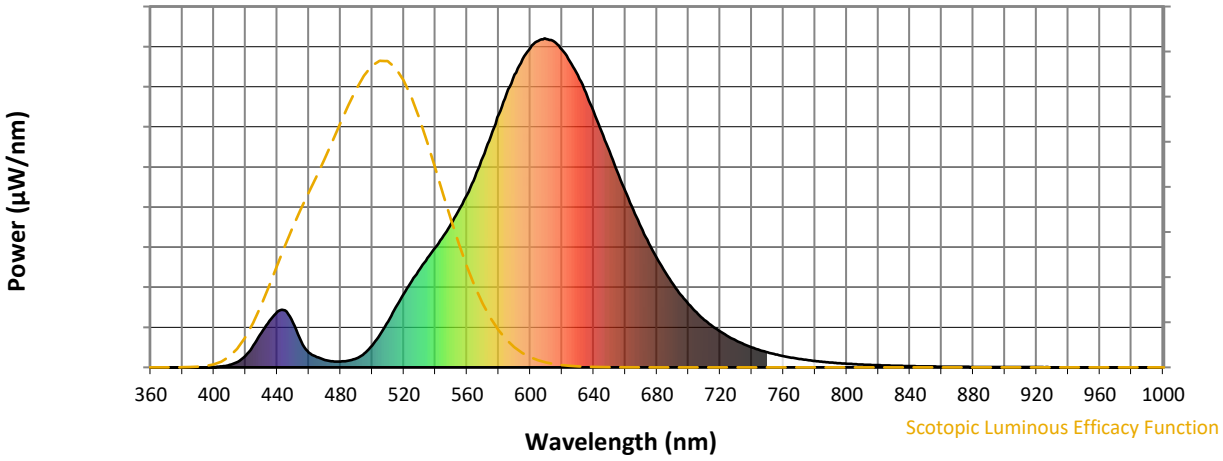


Photopic Lumens: NR

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

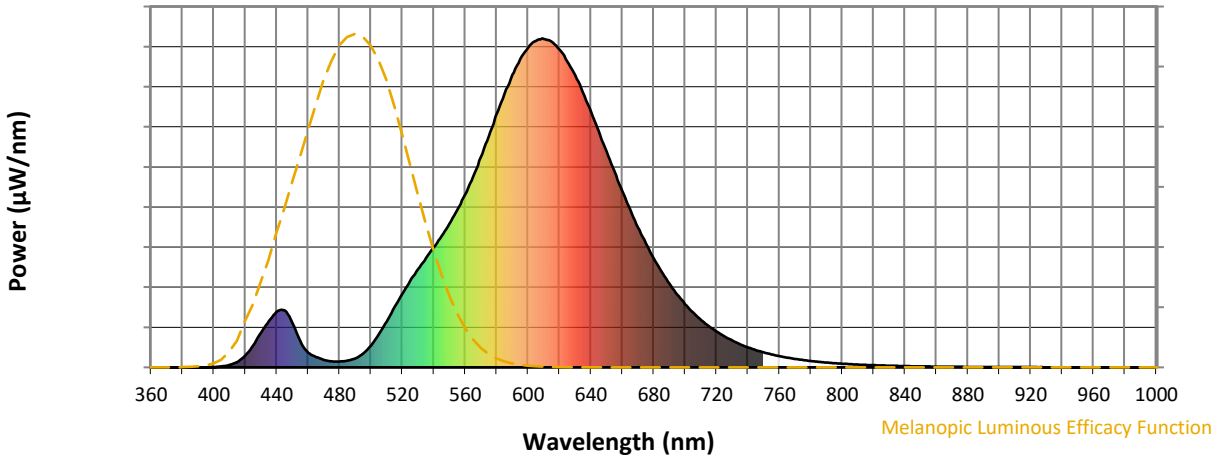


Scotopic Lumens: NR **S/P: 0.8**

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			

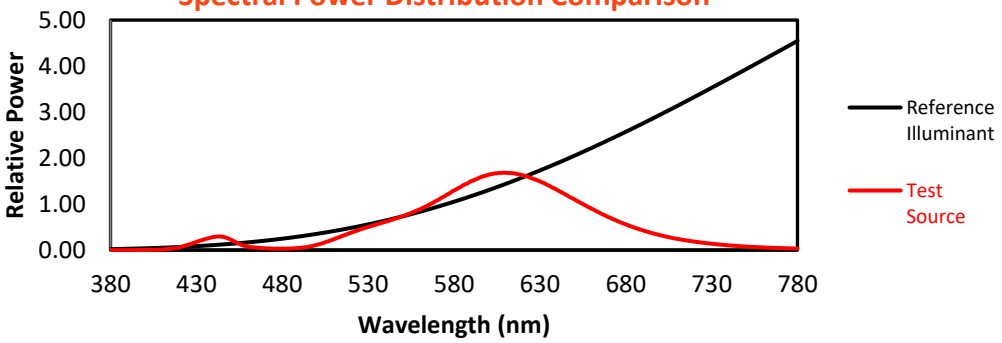
REPORT NUMBER: SP1-2407-184-2

TM-30-18

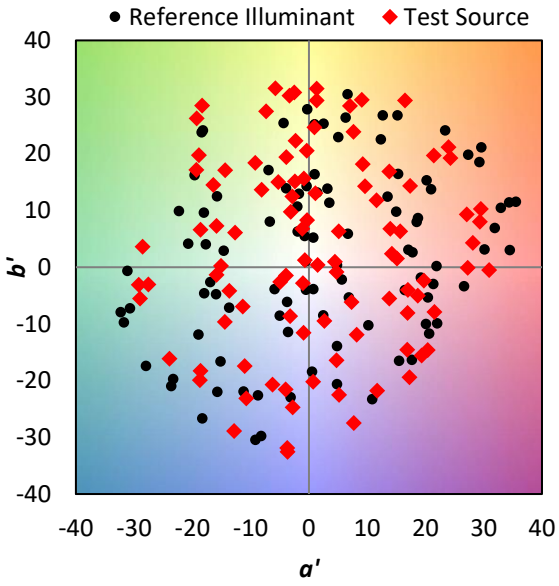
Summary

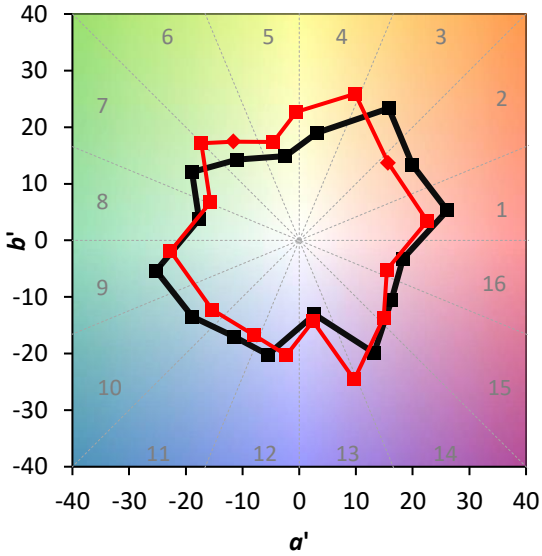
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

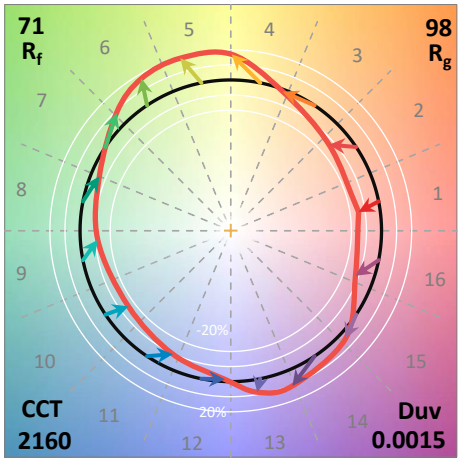
Spectral Power Distribution Comparison

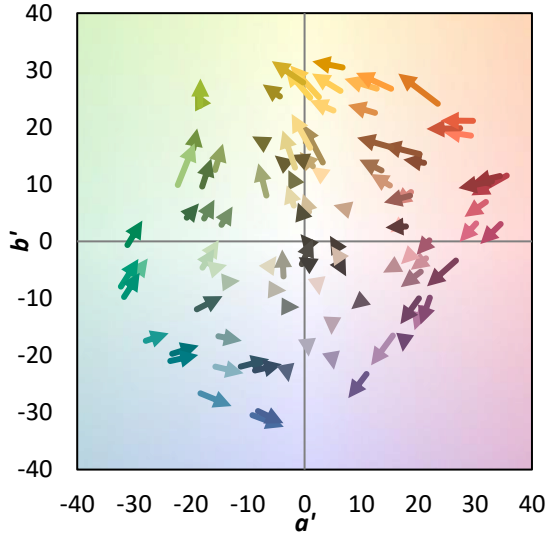


Color Vector Graphics







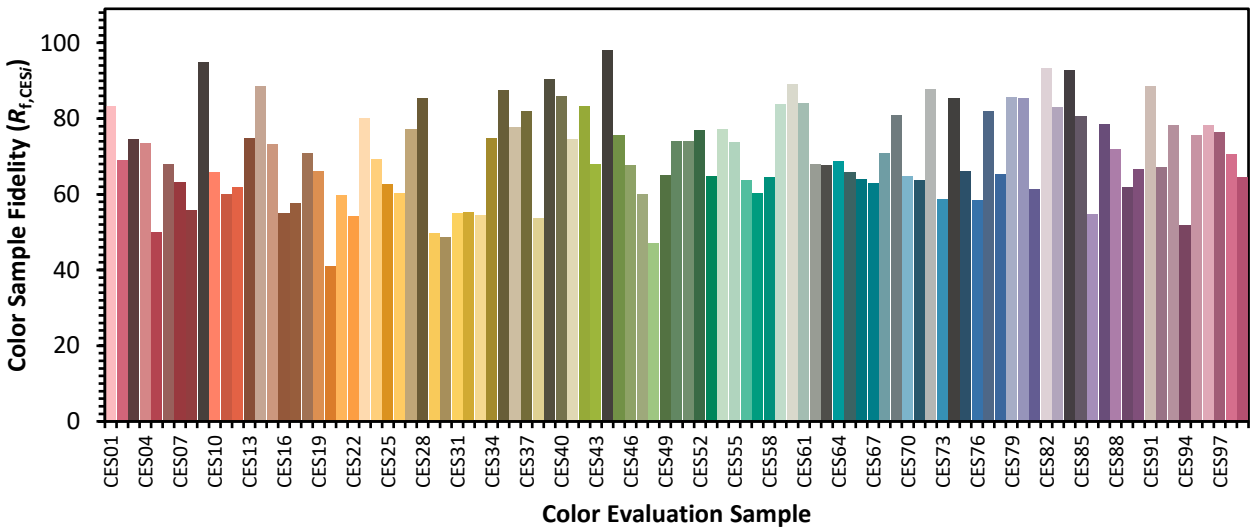


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

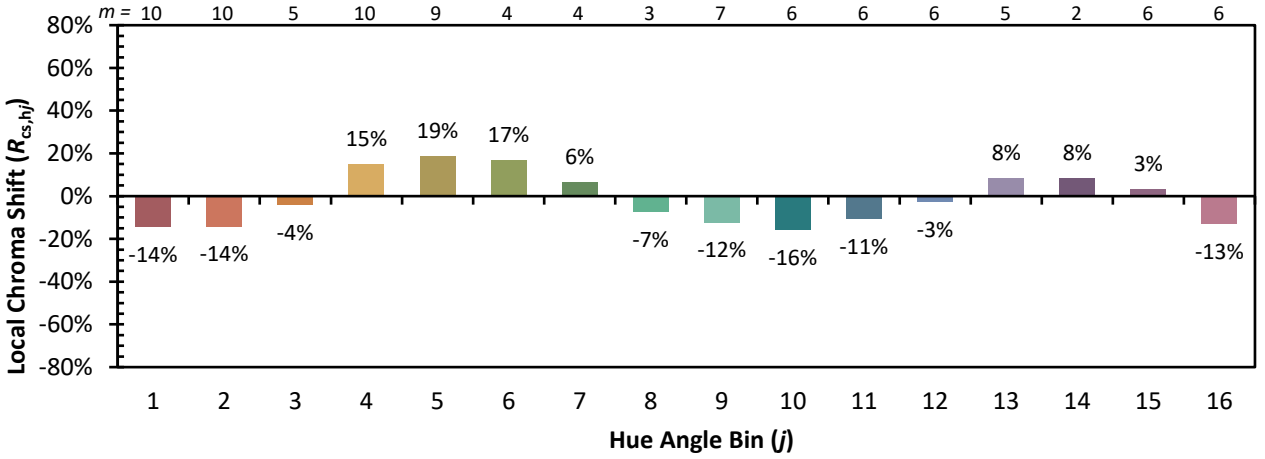
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

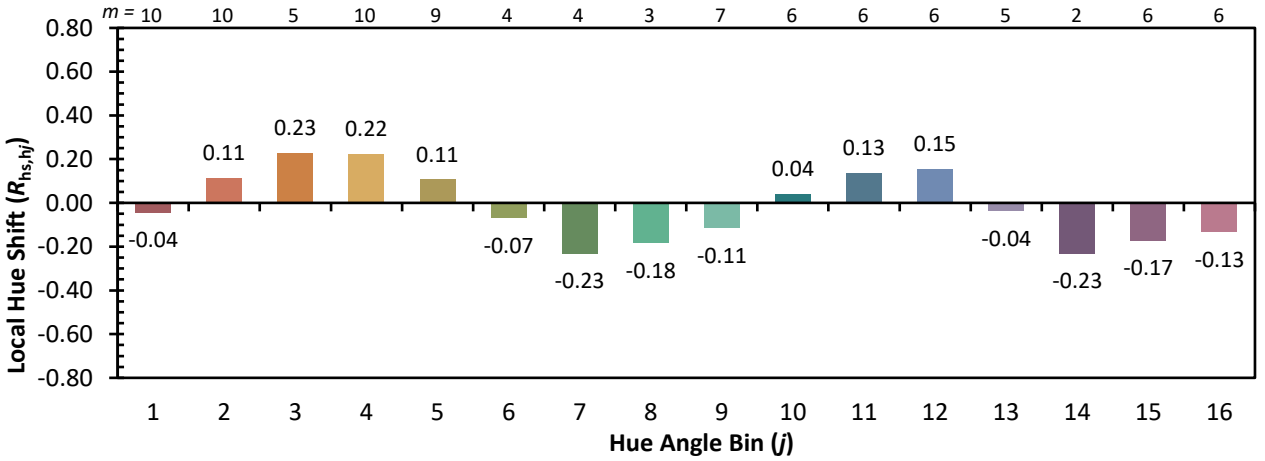


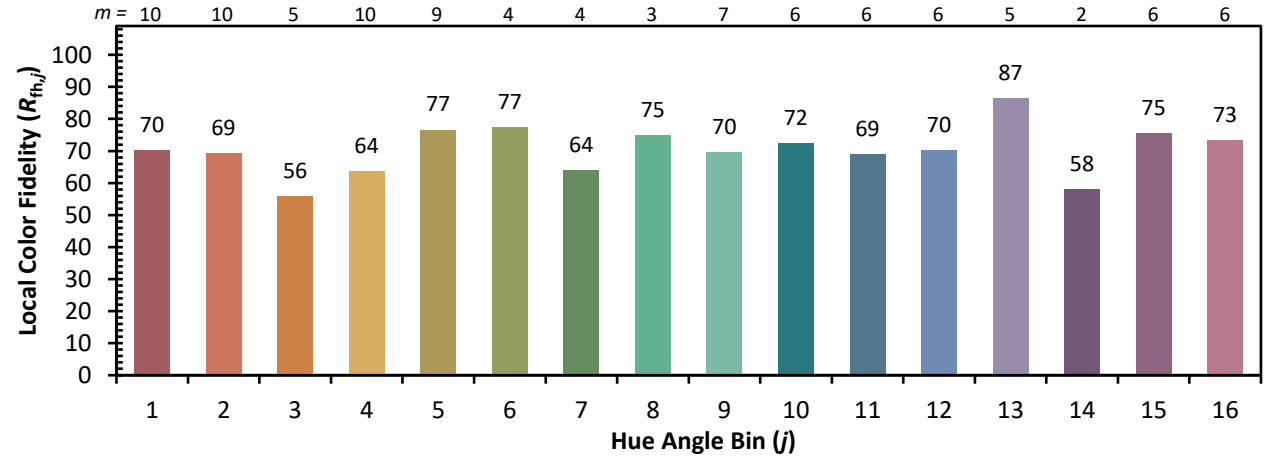
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



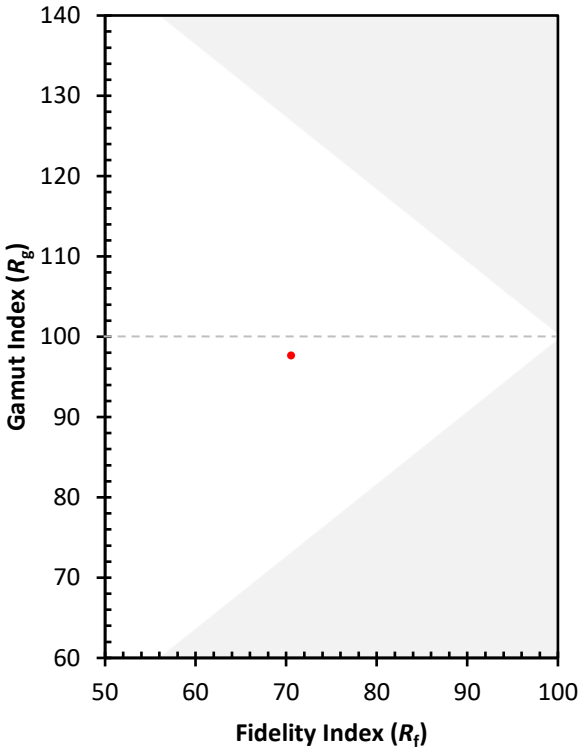


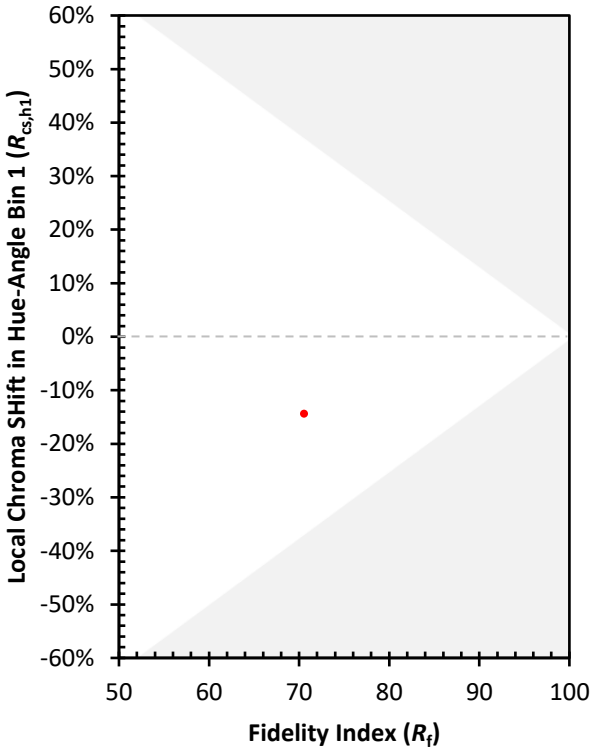


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





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