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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1362621

Luminaire Tested: **GSS-SB4C-722-U-SL2**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1362621
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-722-U-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 70CRI 2200K FIXTURE w/ TYPE II SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23450.7 lumens
Efficiency:	N/A
Efficacy:	115.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

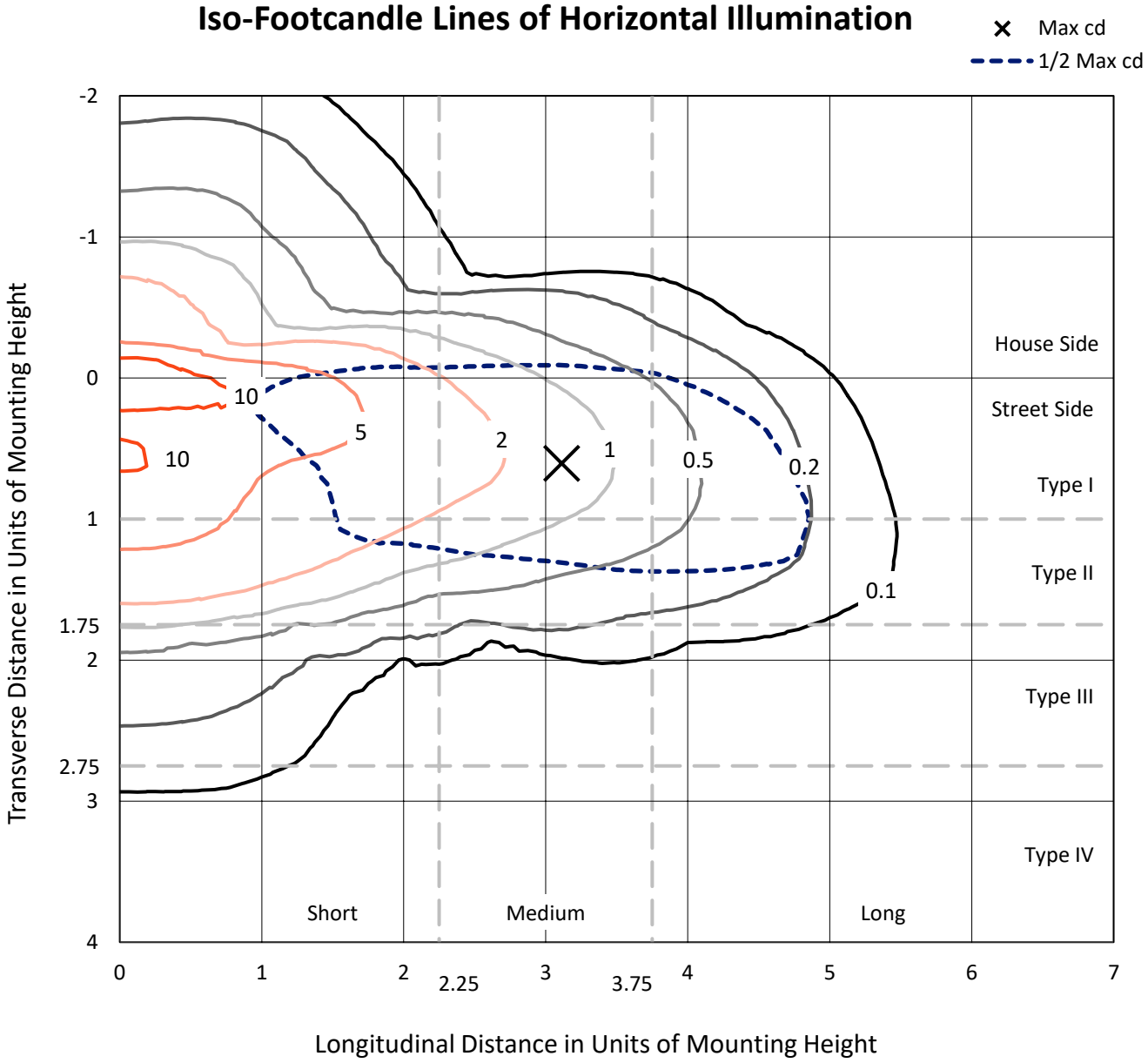
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



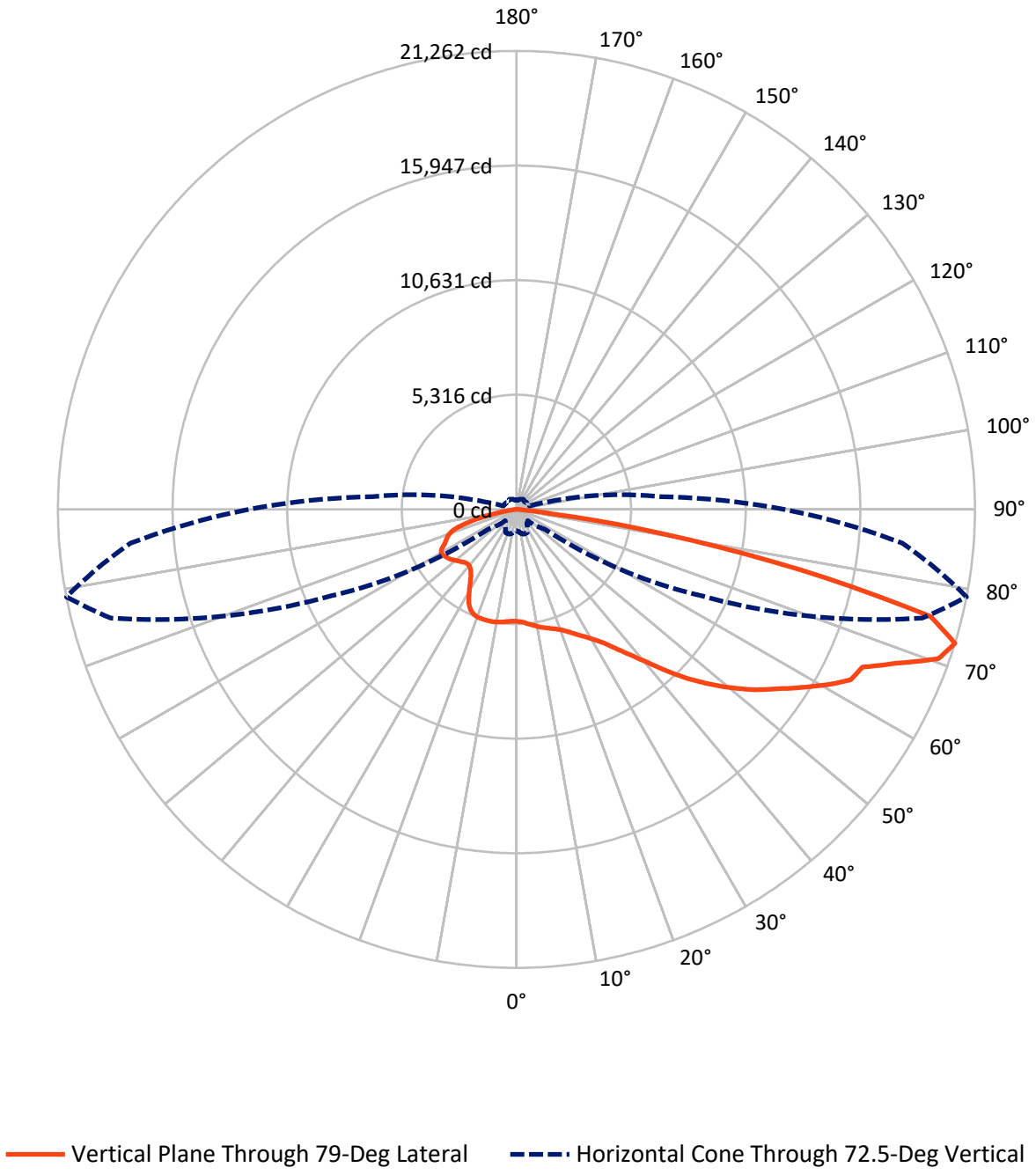
Based on 20 foot mounting height. Maximum calculated value = 13 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

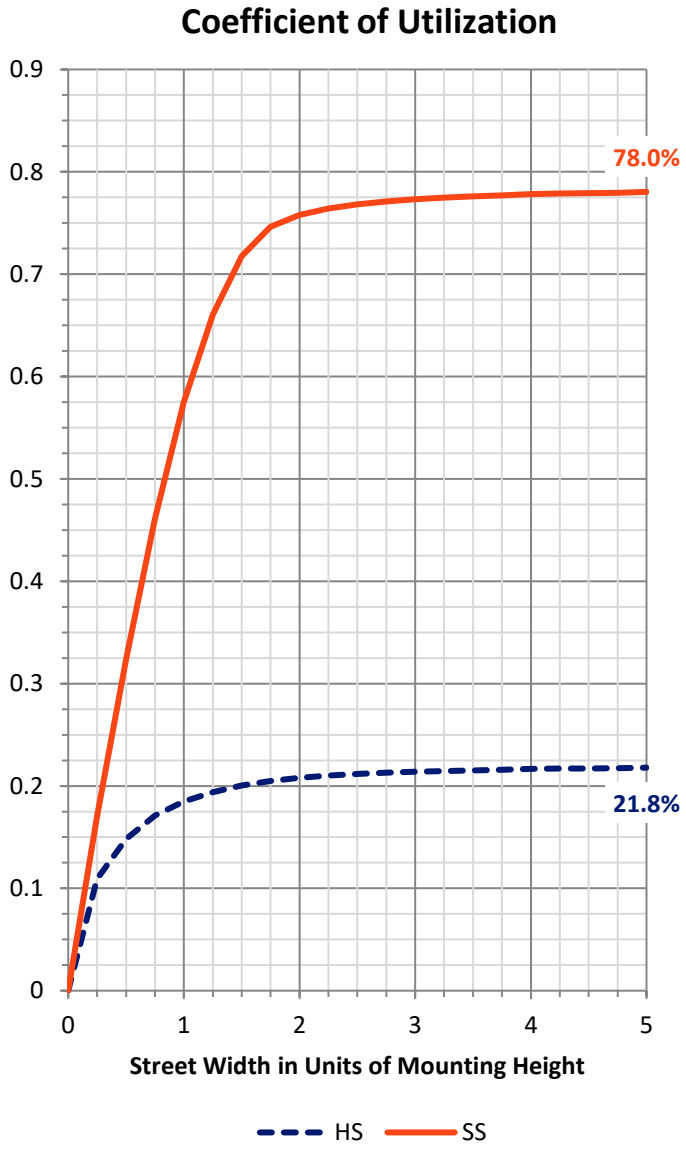
REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5151.3	0.0	5151.3
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	18299.3	0.0	18299.3
	% Fixture	78.0	0.0	78.0
Total	Lumens	23450.7	0.0	23450.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	482.1	2.1
10°-20°	1197.3	5.1
20°-30°	1885.1	8.0
30°-40°	2813.2	12.0
40°-50°	4000.0	17.1
50°-60°	5052.7	21.5
60°-70°	4729.4	20.2
70°-80°	3004.2	12.8
80°-90°	286.6	1.2
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°	23450.7	100.0
0°-180°	23450.7	100.0



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

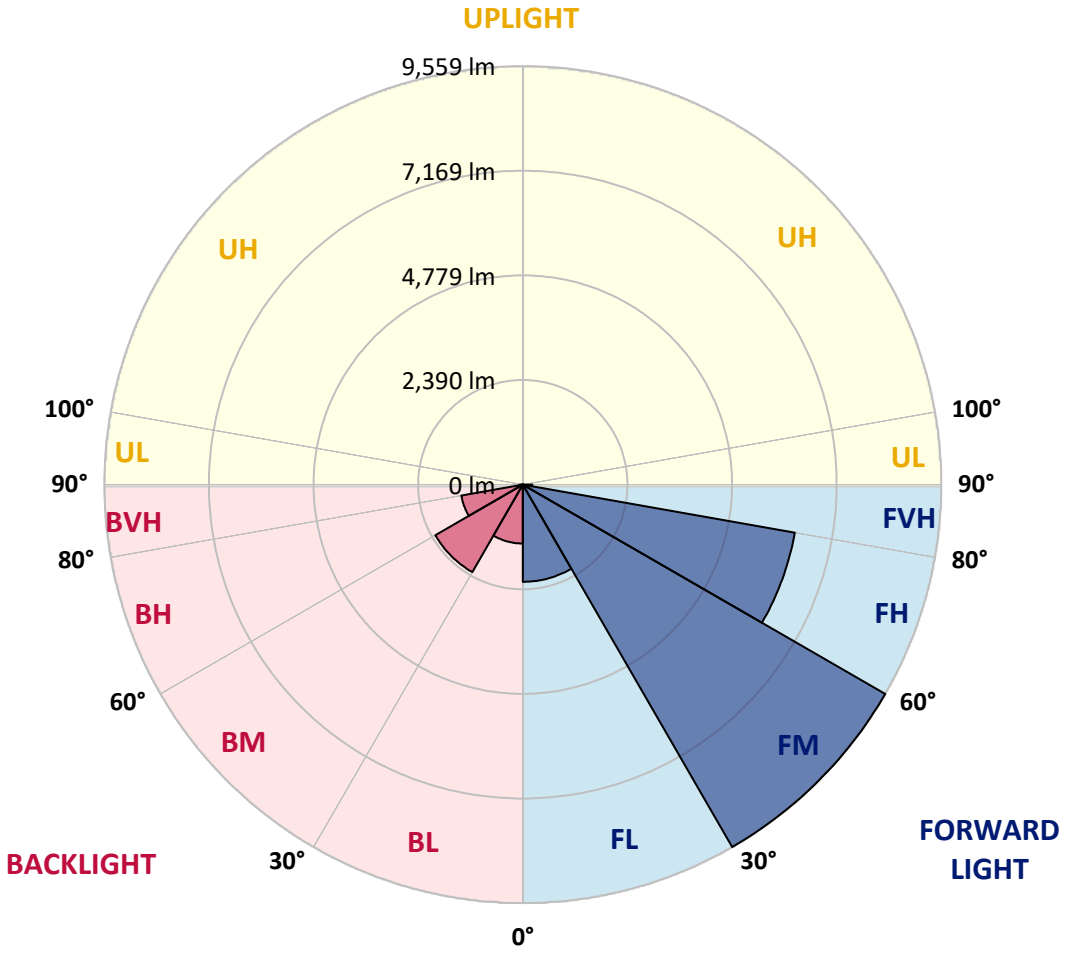
Scaled Data Report

REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2219.7	9.5			
FM	(30°-60°)	9558.5	40.8			
FH	(60°-80°)	6307.6	26.9			G3/7500
FVH	(80°-90°)	213.5	0.9			G2/225
BL	(0°-30°)	1344.9	5.7	B3/2500		
BM	(30°-60°)	2307.4	9.8	B2/2500		
BH	(60°-80°)	1426.0	6.1	B3/2500		G3/2500
BVH	(80°-90°)	73.1	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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

Scaled Data Report

REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	*5193.4*	5193.4
2.5°	5315.5	5321.0	5298.8	5298.8	5304.4	5282.2	5254.5	5248.9	5226.7	*5226.7*	5226.7
5°	5343.2	5343.2	5337.7	5365.4	5376.5	5393.2	5371.0	5354.3	5321.0	*5321.0*	5276.6
7.5°	5049.2	5038.1	5082.5	5210.1	5343.2	5415.4	5459.8	5459.8	5443.1	*5415.4*	5376.5
10°	4494.3	4511.0	4577.5	4749.5	4993.7	5321.0	5498.6	5570.7	5543.0	*5531.9*	5465.3
12.5°	4200.2	4194.7	4244.6	4372.2	4583.1	4982.6	5420.9	5648.4	5653.9	*5626.2*	5548.5
15°	4166.9	4150.3	4172.5	4216.9	4355.6	4677.4	5187.9	5676.1	5731.6	*5720.5*	5631.8
17.5°	4355.6	4350.0	4316.8	4305.7	4300.1	4477.7	4960.4	5653.9	5837.0	*5826.0*	5726.1
20°	4683.0	4655.2	4594.2	4538.7	4422.2	4438.8	4782.8	5626.2	5981.3	*5964.7*	5864.8
22.5°	5032.5	5043.6	4988.1	4855.0	4649.7	4555.3	4727.3	5587.4	6175.5	*6164.4*	6031.2
25°	5459.8	5448.7	5382.1	5232.3	4960.4	4755.1	4788.4	5576.3	6397.5	*6408.5*	6247.6
27.5°	5898.1	5887.0	5803.8	5615.1	5298.8	4999.2	4927.1	5620.7	6680.4	*6674.9*	6475.1
30°	6386.4	6391.9	6286.5	6031.2	5648.4	5304.4	5149.0	5737.2	6963.4	*6980.0*	6735.9
32.5°	6824.7	6852.4	6791.4	6552.8	6075.6	5620.7	5420.9	5925.8	7340.7	*7368.4*	7068.8
35°	7102.1	7118.8	7113.2	7002.2	6530.6	5981.3	5692.8	6164.4	7795.7	*7901.1*	7512.7
37.5°	7368.4	7407.3	7412.8	7329.6	6974.5	6408.5	6014.6	6497.3	8378.3	*8550.3*	8095.3
40°	7657.0	7645.9	7723.5	7623.7	7374.0	6863.5	6347.5	6874.6	9021.9	*9304.9*	8777.8
42.5°	7829.0	7856.7	7956.6	7934.4	7684.7	7285.2	6724.8	7296.3	9826.4	*10242.6*	9604.5
45°	7939.9	7967.7	8111.9	8134.1	8001.0	7573.7	7079.9	7701.4	10564.4	*11213.6*	10492.3
47.5°	7978.8	7995.4	8184.1	8272.9	8217.4	7756.8	7357.3	8161.9	11291.3	*12129.1*	11380.0
50°	7823.4	7884.5	8128.6	8328.3	8367.2	7851.2	7595.9	8650.2	12073.6	*13016.8*	12273.3
52.5°	7584.8	7618.1	7912.2	8339.4	8461.5	8006.5	7890.0	9166.2	12811.5	*13904.6*	13039.0
55°	7118.8	7185.3	7551.5	8156.3	8517.0	8211.8	8272.9	9748.8	13577.2	*14681.4*	13871.3
57.5°	5798.2	5914.7	6519.5	7374.0	8367.2	8616.9	8844.4	10470.1	14415.1	*15580.3*	14614.8
60°	3634.3	3789.6	4422.2	5803.8	7518.3	8855.4	9754.3	11407.8	15413.8	*16523.5*	15441.5
62.5°	1969.7	1964.2	2152.8	2968.5	5420.9	8234.0	10536.7	13033.5	16701.1	*17400.2*	15924.3
65°	1708.9	1708.9	1731.1	1725.6	2341.5	6075.6	9759.9	14004.5	17588.8	*17633.2*	15513.7
67.5°	1536.9	1536.9	1570.2	1487.0	1276.2	2718.8	7141.0	13427.4	19059.2	*19031.4*	16040.8
70°	1353.8	1359.4	1414.9	1364.9	1026.5	1104.2	3906.2	12229.0	20157.8	*20751.5*	17089.5
72.5°	*993.2*	*1026.5*	*1187.4*	*1187.4*	*843.4*	*743.5*	*1586.9*	*9482.4*	*19469.8*	*21262.0*	*17960.6*
75°	699.1	704.7	787.9	848.9	665.8	560.4	771.2	6347.5	17860.7	*19836.0*	17183.8
77.5°	532.7	538.2	565.9	676.9	455.0	410.6	532.7	3467.8	12883.7	*13394.1*	11147.0
80°	355.1	349.6	388.4	477.2	321.8	277.4	344.0	1159.6	7229.7	*6896.8*	4655.2
82.5°	177.6	183.1	210.8	249.7	188.6	166.5	199.7	599.2	2835.3	*1647.9*	676.9
85°	49.9	61.0	72.1	99.9	77.7	72.1	94.3	210.8	360.7	*266.3*	183.1
87.5°	5.5	5.5	11.1	11.1	11.1	16.6	27.7	44.4	61.0	*61.0*	61.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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

Scaled Data Report

REPORT NUMBER: P1362621
CATALOG NUMBER: GSS-SB4C-722-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4	5193.4
2.5°	5215.6	5199.0	5176.8	5143.5	5143.5	5104.6	5082.5	5038.1	5054.7	5032.5	5021.4
5°	5265.6	5243.4	5193.4	5137.9	5082.5	4999.2	4932.6	4838.3	4827.2	4805.0	4771.7
7.5°	5354.3	5298.8	5237.8	5110.2	5004.8	4816.1	4666.3	4477.7	4372.2	4305.7	4311.2
10°	5443.1	5371.0	5243.4	5076.9	4849.4	4538.7	4150.3	3778.5	3495.6	3334.7	3368.0
12.5°	5504.1	5426.5	5254.5	4988.1	4566.4	3945.0	3223.7	2696.6	2491.3	2385.9	2385.9
15°	5565.2	5465.3	5237.8	4799.5	4033.8	2974.0	2402.5	2202.8	2147.3	2114.0	2102.9
17.5°	5642.9	5526.3	5187.9	4449.9	3179.3	2324.8	2125.1	2064.1	2064.1	2058.5	2047.4
20°	5737.2	5598.5	5126.8	3895.1	2441.4	2086.2	2030.8	2019.7	2030.8	2025.2	2019.7
22.5°	5881.4	5687.2	4971.5	3129.4	2097.3	1975.3	1969.7	1914.2	1925.3	1936.4	1930.9
25°	6064.5	5798.2	4677.4	2391.4	1925.3	1903.1	1847.7	1797.7	1792.2	1797.7	1797.7
27.5°	6236.5	5881.4	4200.2	1969.7	1803.3	1797.7	1747.8	1703.4	1703.4	1708.9	1708.9
30°	6425.2	5931.4	3467.8	1753.3	1731.1	1703.4	1686.8	1670.1	1675.7	1692.3	1692.3
32.5°	6674.9	5981.3	2752.1	1631.3	1659.0	1620.2	1631.3	1625.7	1636.8	1664.6	1670.1
35°	6980.0	6003.5	2202.8	1559.1	1559.1	1525.8	1531.4	1509.2	1509.2	1525.8	1536.9
37.5°	7385.1	6014.6	1853.2	1520.3	1481.5	1464.8	1453.7	1426.0	1387.1	1359.4	1364.9
40°	7823.4	6042.3	1664.6	1492.6	1448.2	1442.6	1420.4	1381.6	1270.6	1181.8	1176.3
42.5°	8406.0	6120.0	1570.2	1448.2	1448.2	1448.2	1414.9	1242.9	1154.1	1093.1	1087.5
45°	8994.2	6325.3	1520.3	1409.3	1442.6	1448.2	1298.4	1192.9	1120.8	1054.2	1037.6
47.5°	9648.9	6619.4	1498.1	1387.1	1403.8	1414.9	1220.7	1170.7	1087.5	1009.8	993.2
50°	10298.1	6930.1	1475.9	1348.3	1348.3	1276.2	1204.0	1148.5	1065.3	982.1	971.0
52.5°	10986.1	7290.8	1453.7	1281.7	1276.2	1198.5	1187.4	1143.0	1054.2	948.8	926.6
55°	11585.3	7618.1	1414.9	1204.0	1198.5	1120.8	1176.3	1120.8	987.6	865.6	843.4
57.5°	12156.8	7884.5	1364.9	1120.8	1131.9	1059.8	1131.9	1076.4	926.6	804.5	793.4
60°	12700.6	8161.9	1298.4	1048.7	1048.7	1004.3	1076.4	1004.3	865.6	743.5	726.9
62.5°	12861.5	8073.1	1187.4	971.0	965.4	932.2	1004.3	921.1	787.9	676.9	660.3
65°	12306.6	7618.1	1054.2	893.3	876.7	848.9	898.9	821.2	699.1	610.3	604.8
67.5°	12384.3	7440.6	904.4	793.4	776.8	754.6	771.2	710.2	615.9	549.3	543.8
70°	12484.2	7246.4	765.7	699.1	660.3	621.4	660.3	610.3	543.8	488.3	482.7
72.5°	*12406.5*	*6708.2*	*632.5*	*588.1*	*560.4*	*516.0*	*565.9*	*527.1*	*471.6*	*427.2*	*416.1*
75°	11285.7	5393.2	516.0	482.7	449.4	421.7	455.0	443.9	399.5	393.9	355.1
77.5°	7590.4	3456.7	399.5	371.8	360.7	332.9	355.1	338.5	316.3	294.1	277.4
80°	3290.3	1548.0	288.5	260.8	249.7	233.0	255.2	249.7	238.6	221.9	216.4
82.5°	471.6	366.2	194.2	177.6	149.8	138.7	149.8	160.9	233.0	283.0	277.4
85°	133.2	111.0	94.3	83.2	66.6	55.5	61.0	99.9	133.2	83.2	72.1
87.5°	61.0	55.5	44.4	27.7	16.6	16.6	11.1	5.5	5.5	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

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

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

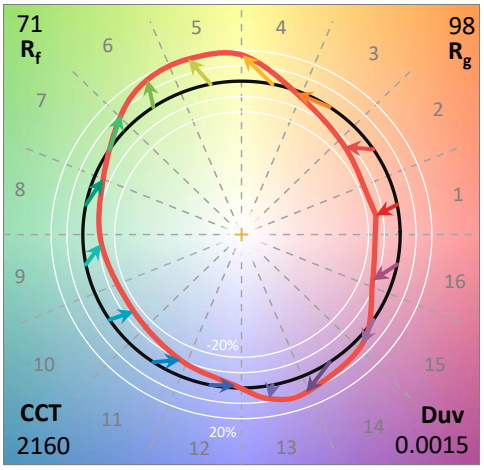
Test Information

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

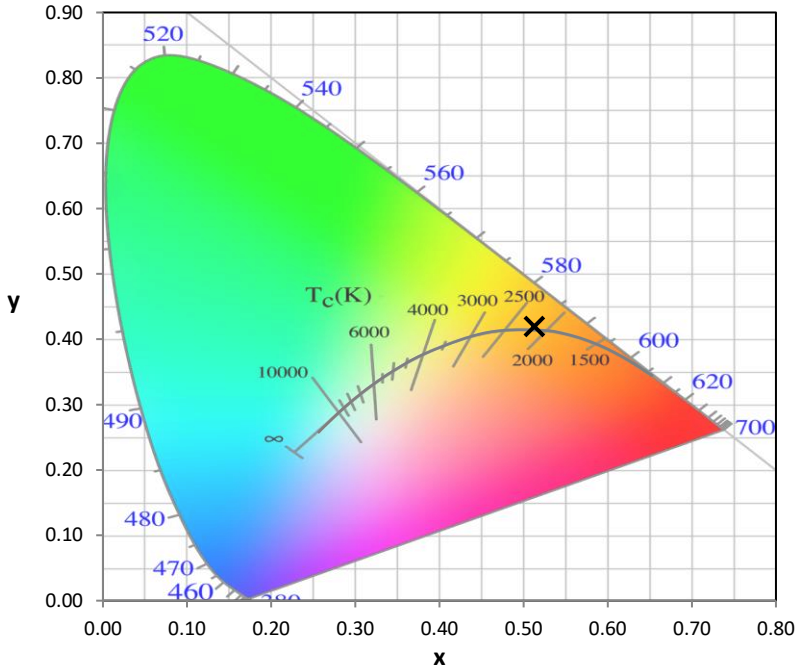
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

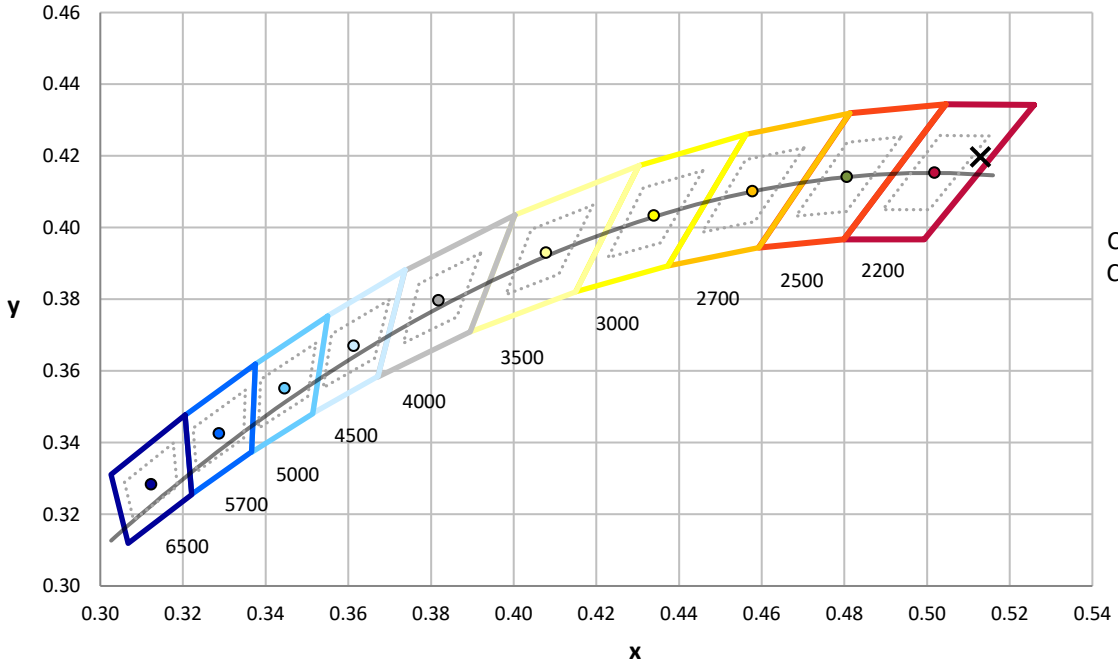
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

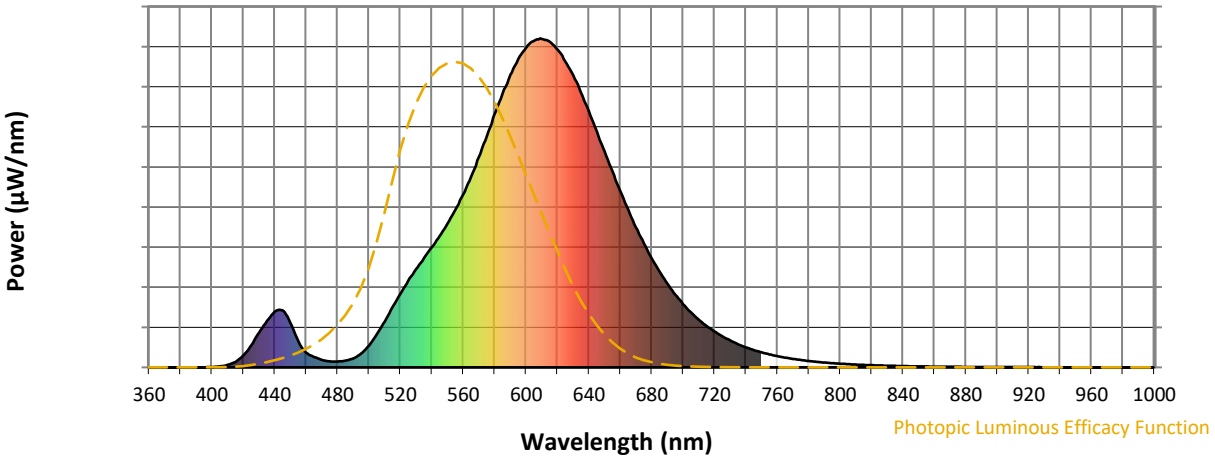


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

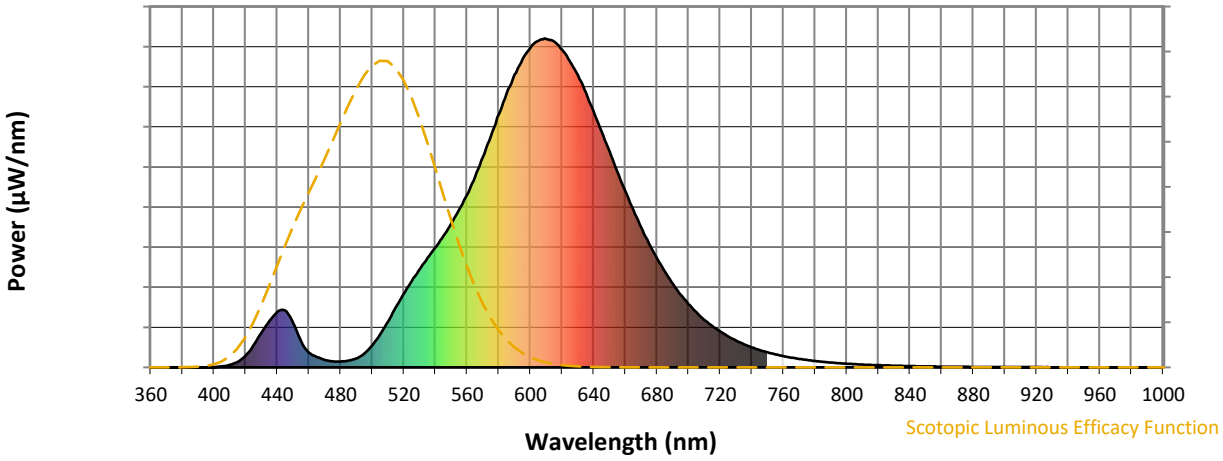


Photopic Lumens: NR

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

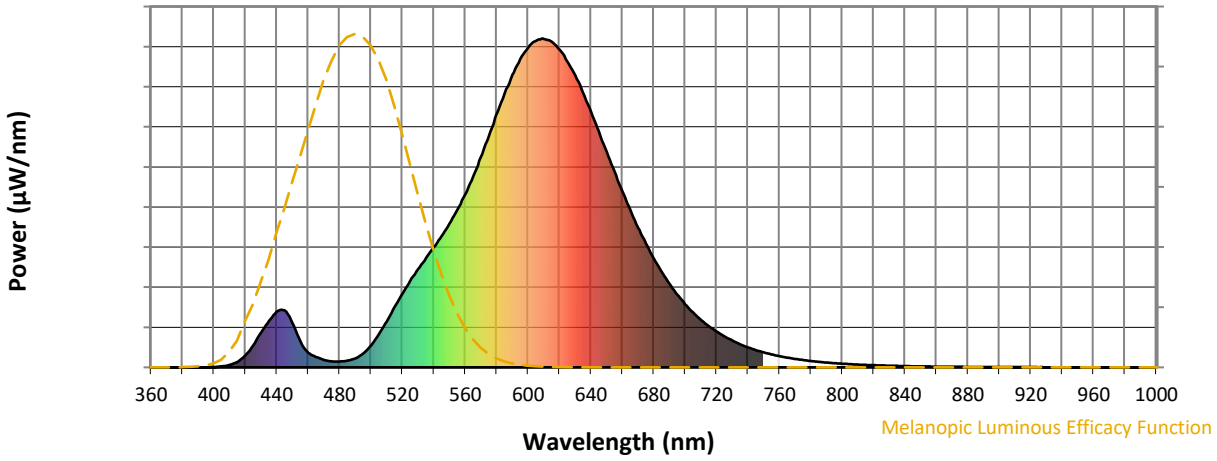


Scotopic Lumens: NR **S/P: 0.8**

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			

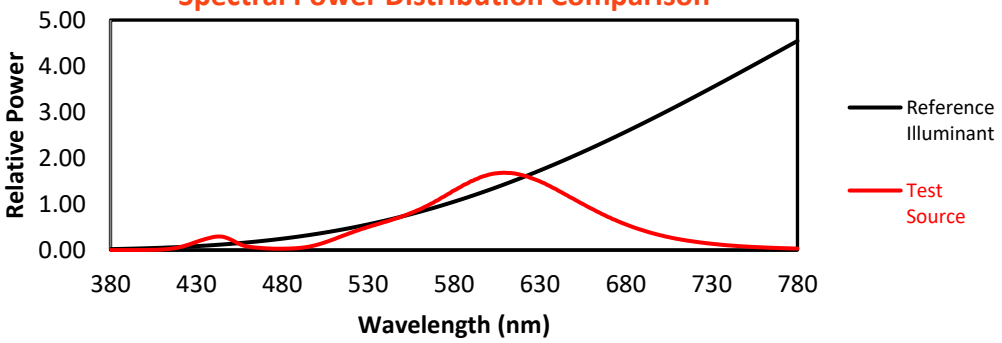
REPORT NUMBER: SP1-2407-184-2

TM-30-18

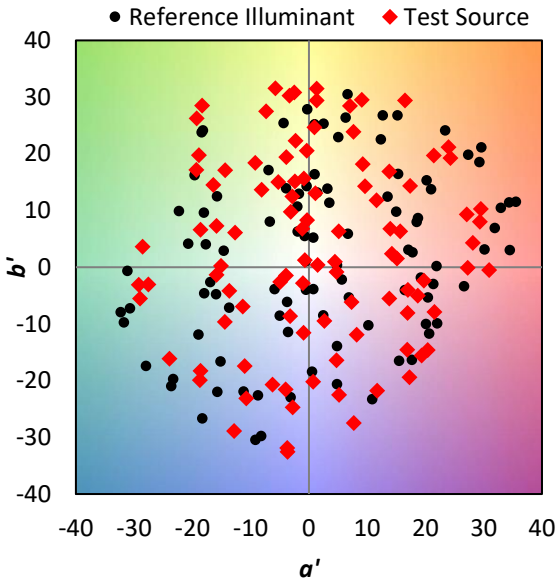
Summary

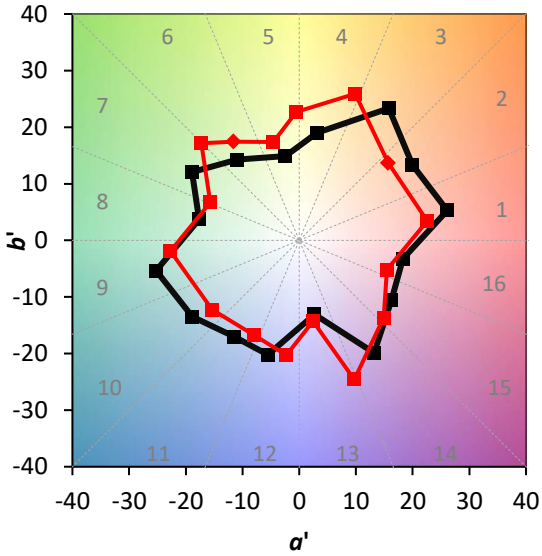
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

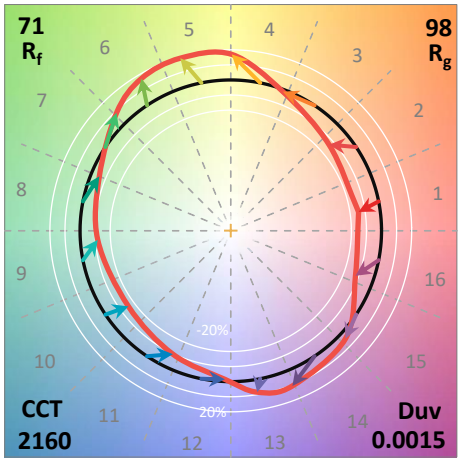
Spectral Power Distribution Comparison

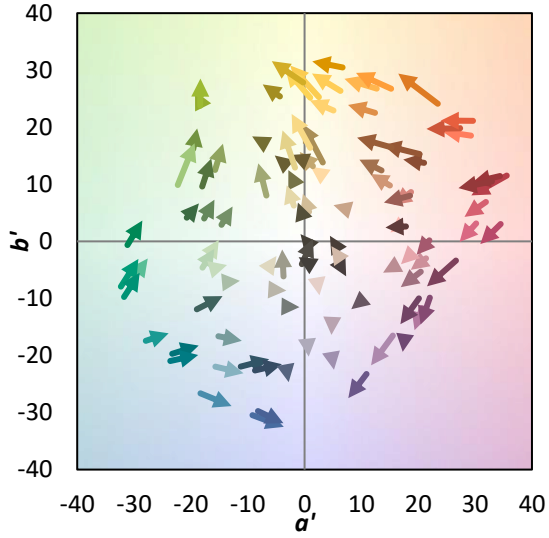


Color Vector Graphics







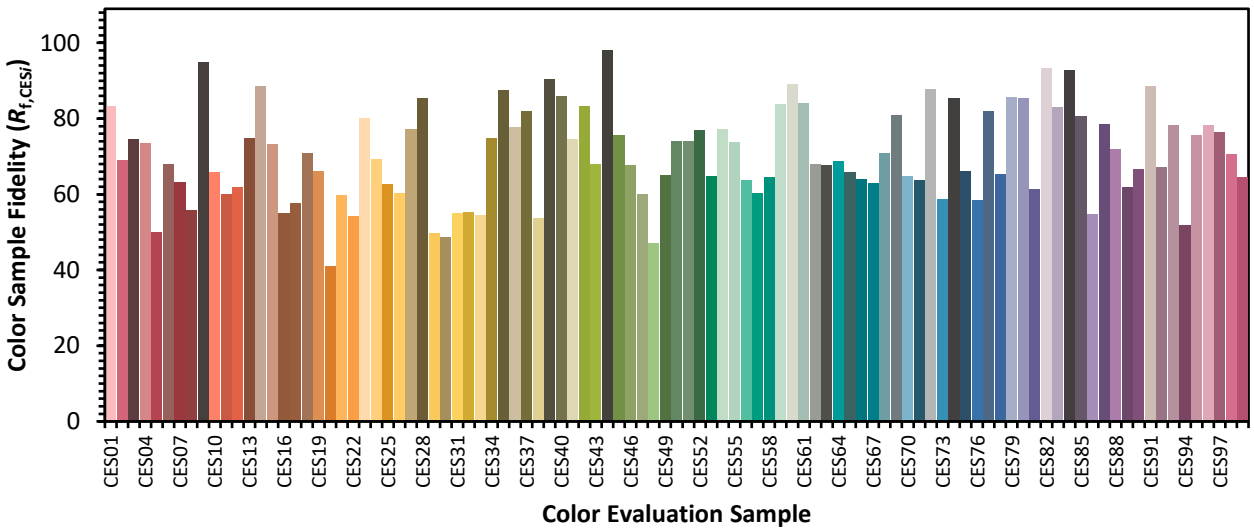


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

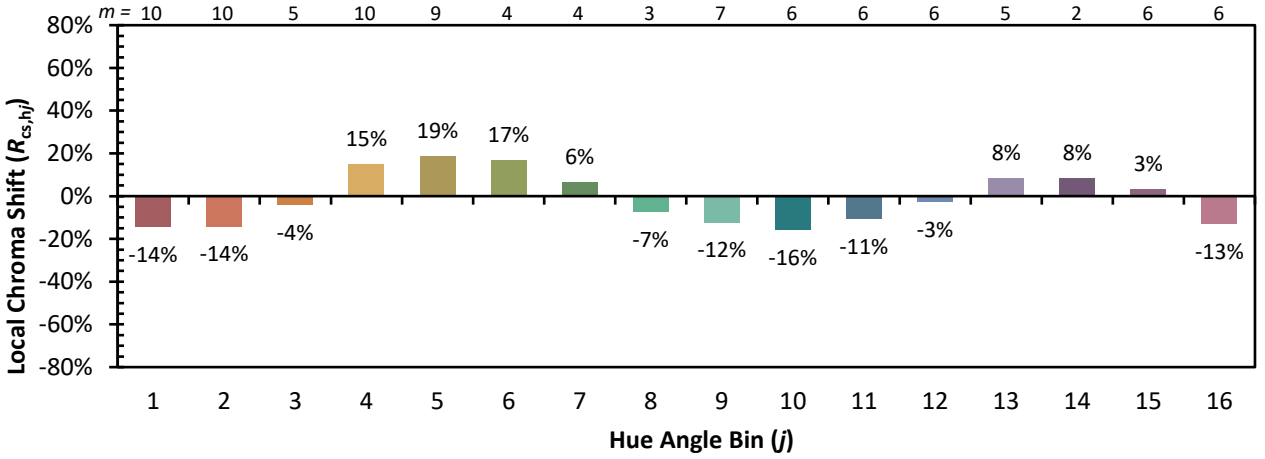
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

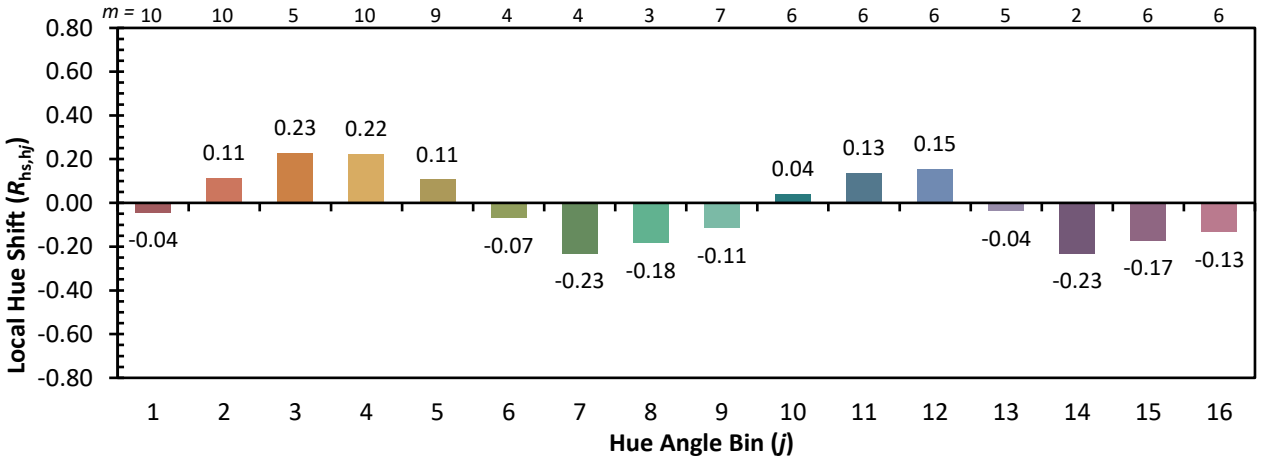


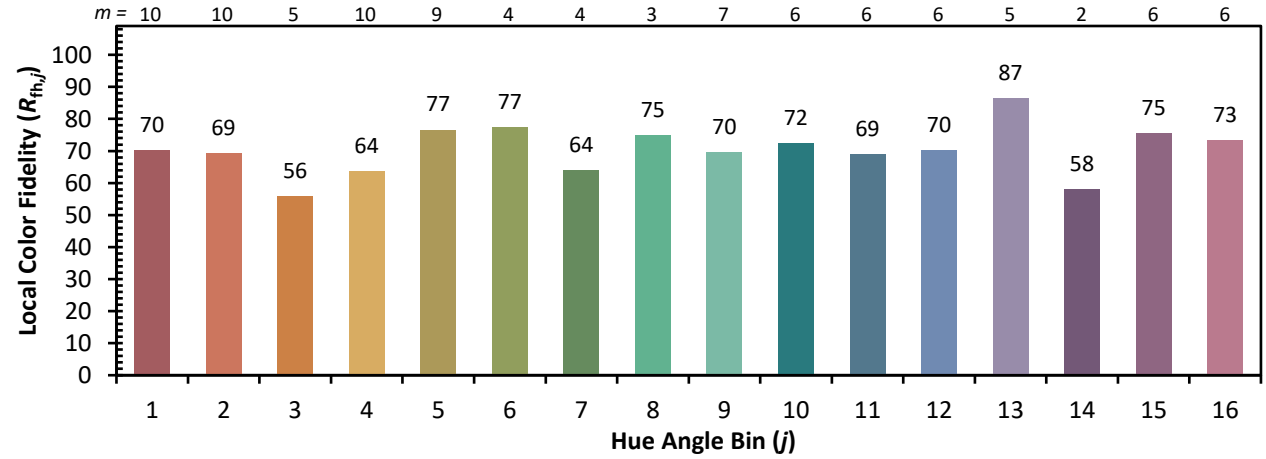
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



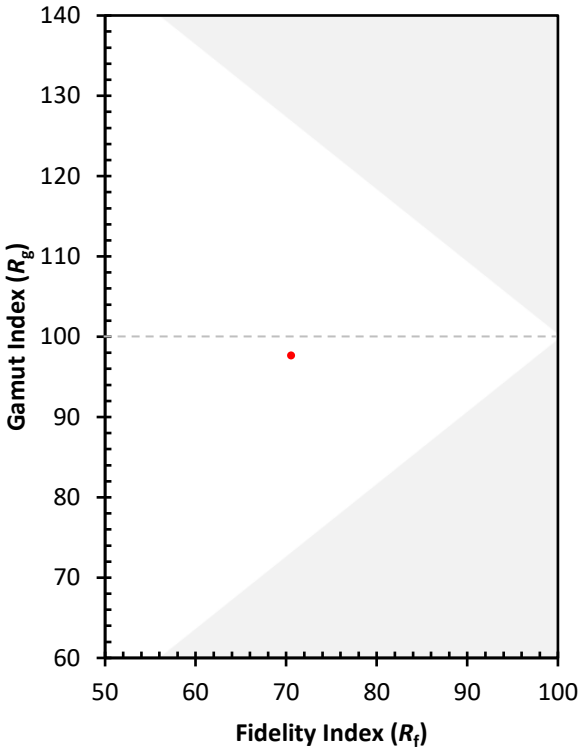


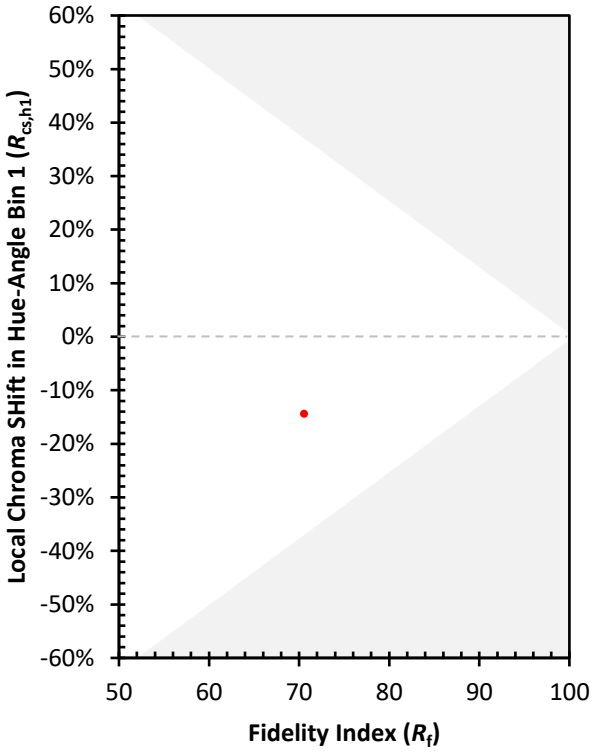


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)