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: P1362622

Luminaire Tested: **GSS-SB4D-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:	P1362622
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-722-U-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 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:	25955.4 lumens
Efficiency:	N/A
Efficacy:	109.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

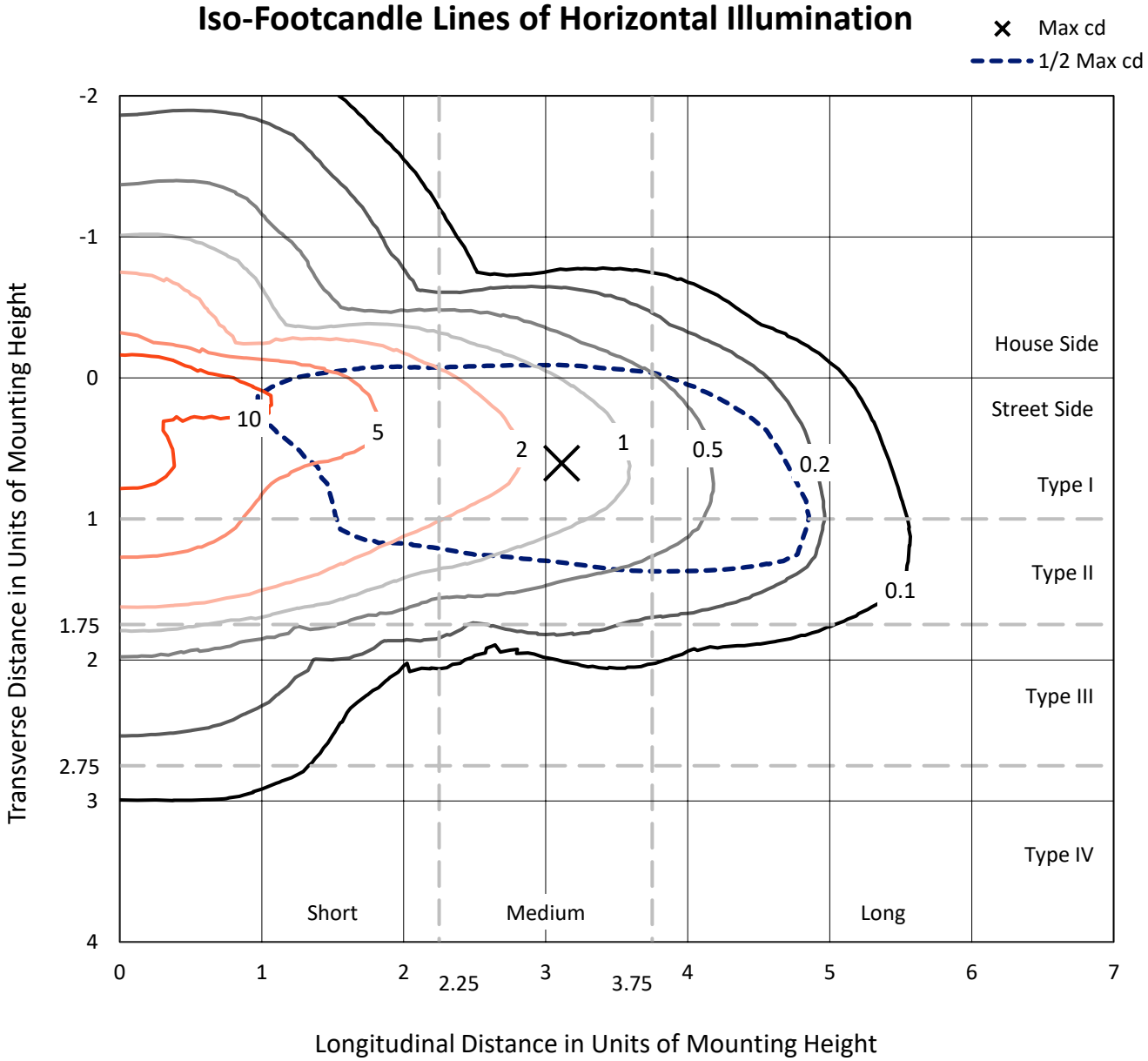
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



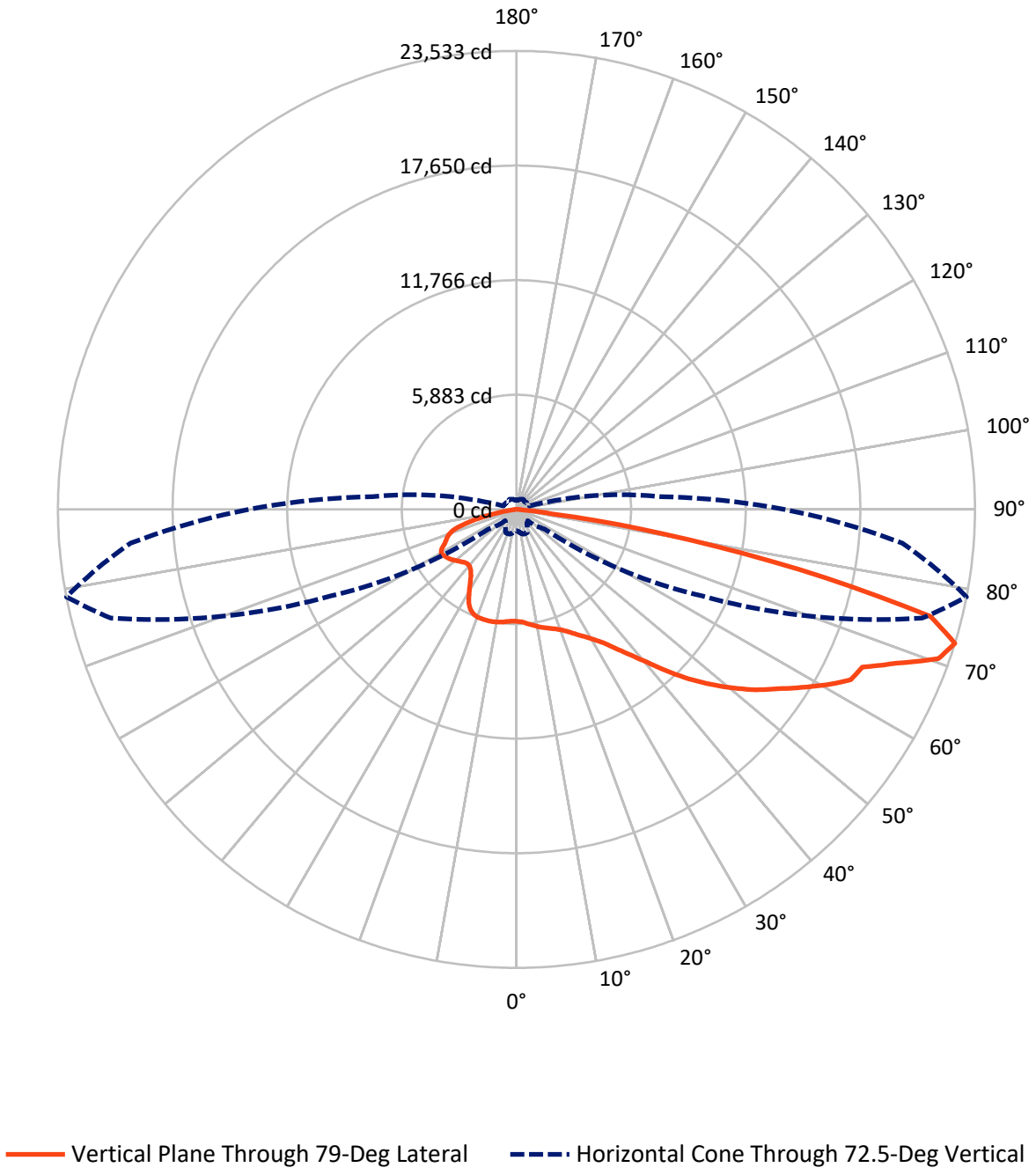
Based on 20 foot mounting height. Maximum calculated value = 14.4 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

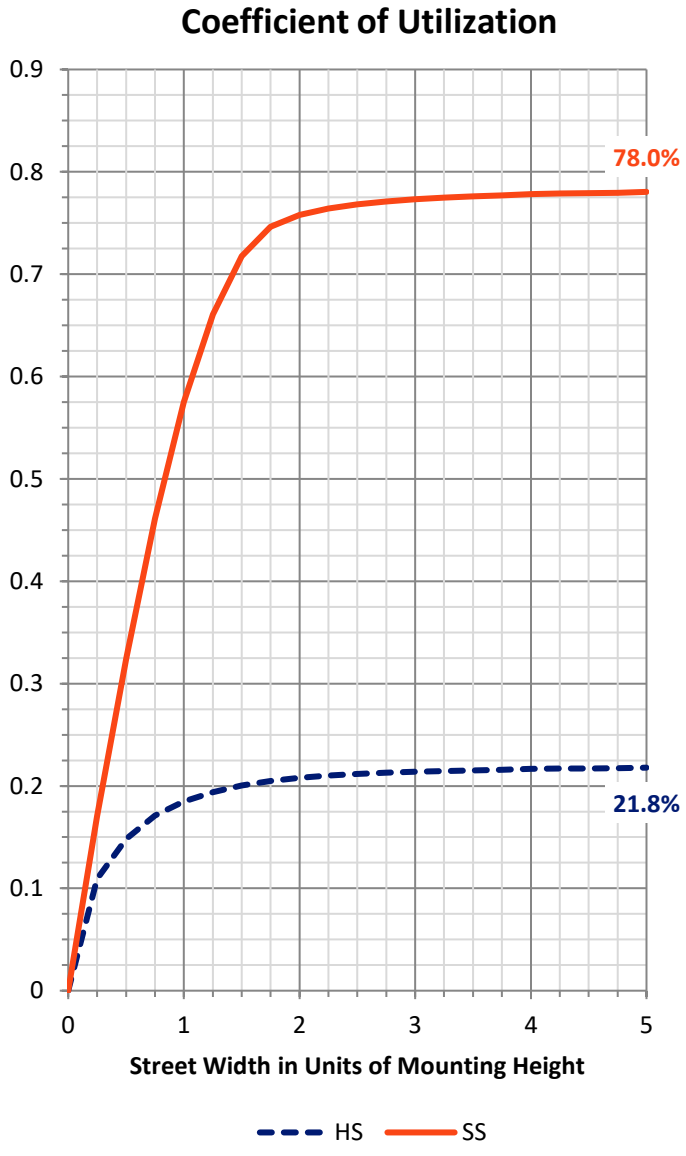
REPORT NUMBER: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5701.5	0.0	5701.5
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	20253.8	0.0	20253.8
	% Fixture	78.0	0.0	78.0
Total	Lumens	25955.4	0.0	25955.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	533.6	2.1
10°-20°	1325.2	5.1
20°-30°	2086.5	8.0
30°-40°	3113.7	12.0
40°-50°	4427.2	17.1
50°-60°	5592.4	21.5
60°-70°	5234.6	20.2
70°-80°	3325.0	12.8
80°-90°	317.2	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°	25955.4	100.0
0°-180°	25955.4	100.0



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

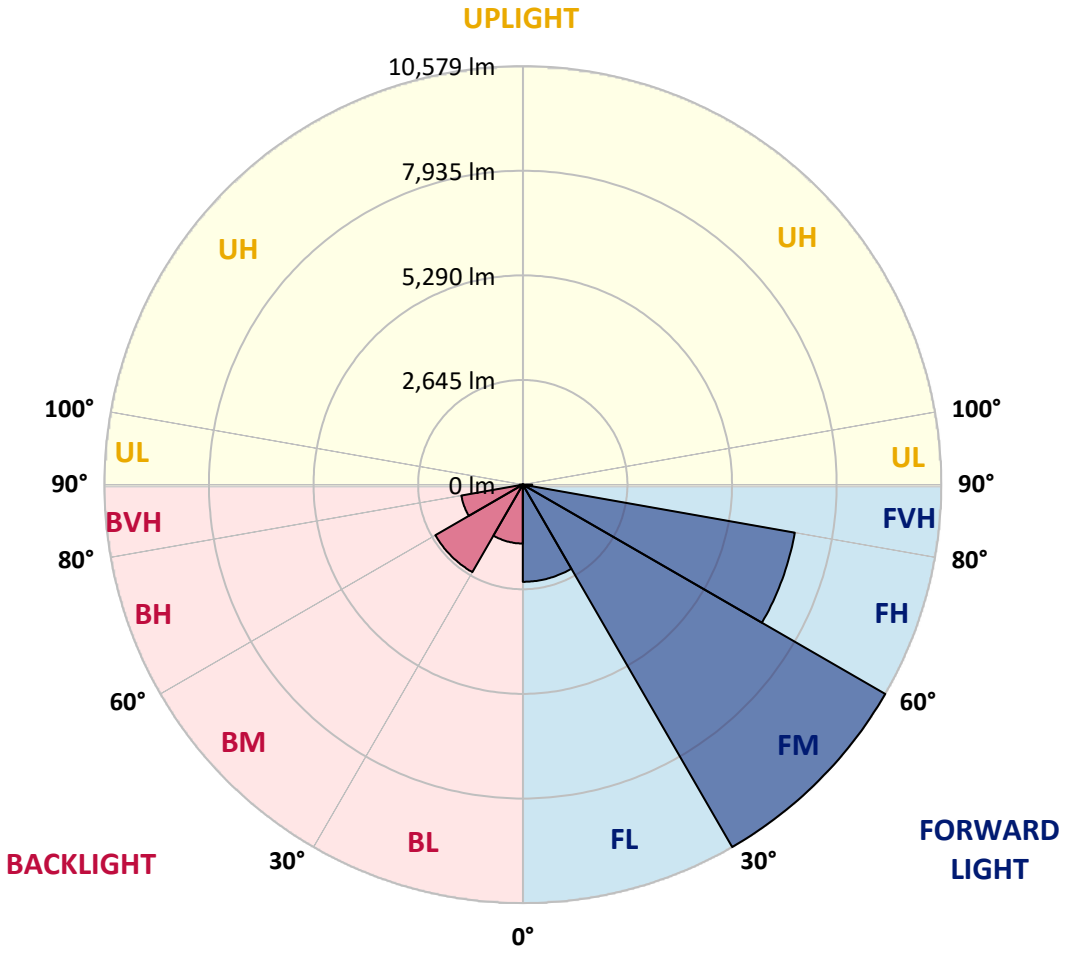
Scaled Data Report

REPORT NUMBER: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2456.8	9.5			
FM	(30°-60°)	10579.4	40.8			
FH	(60°-80°)	6981.3	26.9			G3/7500
FVH	(80°-90°)	236.3	0.9			G3/500
BL	(0°-30°)	1488.5	5.7	B3/2500		
BM	(30°-60°)	2553.8	9.8	B3/5000		
BH	(60°-80°)	1578.3	6.1	B3/2500		G3/2500
BVH	(80°-90°)	80.9	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: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	*5748.1*	5748.1
2.5°	5883.2	5889.4	5864.8	5864.8	5870.9	5846.4	5815.7	5809.5	5785.0	*5785.0*	5785.0
5°	5913.9	5913.9	5907.8	5938.5	5950.8	5969.2	5944.6	5926.2	5889.4	*5889.4*	5840.2
7.5°	5588.4	5576.2	5625.3	5766.5	5913.9	5993.8	6042.9	6042.9	6024.5	*5993.8*	5950.8
10°	4974.3	4992.8	5066.4	5256.8	5527.0	5889.4	6085.9	6165.7	6135.0	*6122.7*	6049.0
12.5°	4648.8	4642.7	4698.0	4839.2	5072.6	5514.7	5999.9	6251.7	6257.8	*6227.1*	6141.1
15°	4612.0	4593.6	4618.1	4667.3	4820.8	5177.0	5742.0	6282.4	6343.8	*6331.5*	6233.3
17.5°	4820.8	4814.7	4777.8	4765.5	4759.4	4955.9	5490.2	6257.8	6460.5	*6448.2*	6337.7
20°	5183.1	5152.4	5084.9	5023.5	4894.5	4912.9	5293.7	6227.1	6620.2	*6601.7*	6491.2
22.5°	5570.0	5582.3	5520.9	5373.5	5146.3	5041.9	5232.3	6184.1	6835.1	*6822.8*	6675.4
25°	6042.9	6030.6	5956.9	5791.1	5490.2	5263.0	5299.8	6171.9	7080.7	*7093.0*	6914.9
27.5°	6528.0	6515.8	6423.6	6214.8	5864.8	5533.2	5453.3	6221.0	7393.9	*7387.8*	7166.7
30°	7068.5	7074.6	6957.9	6675.4	6251.7	5870.9	5699.0	6349.9	7707.1	*7725.6*	7455.3
32.5°	7553.6	7584.3	7516.8	7252.7	6724.6	6221.0	5999.9	6558.7	8124.7	*8155.4*	7823.8
35°	7860.7	7879.1	7872.9	7750.1	7228.1	6620.2	6300.8	6822.8	8628.3	*8745.0*	8315.1
37.5°	8155.4	8198.4	8204.6	8112.5	7719.4	7093.0	6657.0	7191.3	9273.1	*9463.5*	8959.9
40°	8474.8	8462.5	8548.5	8437.9	8161.6	7596.6	7025.5	7608.9	9985.5	*10298.7*	9715.3
42.5°	8665.2	8695.9	8806.4	8781.8	8505.5	8063.3	7443.1	8075.6	10876.0	*11336.6*	10630.3
45°	8788.0	8818.7	8978.4	9002.9	8855.5	8382.7	7836.1	8523.9	11692.7	*12411.3*	11612.9
47.5°	8831.0	8849.4	9058.2	9156.4	9095.0	8585.3	8143.2	9033.6	12497.2	*13424.5*	12595.5
50°	8659.0	8726.6	8996.8	9217.9	9260.8	8689.7	8407.2	9574.0	13363.1	*14407.1*	13584.2
52.5°	8394.9	8431.8	8757.3	9230.1	9365.2	8861.7	8732.7	10145.2	14179.9	*15389.7*	14431.7
55°	7879.1	7952.8	8358.1	9027.5	9426.7	9088.9	9156.4	10790.0	15027.4	*16249.5*	15352.9
57.5°	6417.5	6546.5	7215.8	8161.6	9260.8	9537.2	9789.0	11588.3	15954.7	*17244.3*	16175.8
60°	4022.4	4194.4	4894.5	6423.6	8321.3	9801.3	10796.1	12626.2	17060.1	*18288.3*	17090.8
62.5°	2180.1	2174.0	2382.8	3285.5	5999.9	9113.5	11662.0	14425.5	18484.8	*19258.6*	17625.1
65°	1891.5	1891.5	1916.0	1909.9	2591.6	6724.6	10802.3	15500.2	19467.4	*19516.6*	17170.6
67.5°	1701.1	1701.1	1737.9	1645.8	1412.5	3009.2	7903.7	14861.6	21094.8	*21064.1*	17754.0
70°	1498.4	1504.6	1566.0	1510.7	1136.1	1222.1	4323.4	13535.1	22310.8	*22967.9*	18914.7
72.5°	*1099.3*	*1136.1*	*1314.2*	*1314.2*	*933.5*	*822.9*	*1756.4*	*10495.2*	*21549.3*	*23532.9*	*19878.9*
75°	773.8	779.9	872.0	939.6	736.9	620.3	853.6	7025.5	19768.3	*21954.6*	19019.1
77.5°	589.5	595.7	626.4	749.2	503.6	454.4	589.5	3838.2	14259.7	*14824.7*	12337.6
80°	393.0	386.9	429.9	528.1	356.2	307.1	380.8	1283.5	8001.9	*7633.4*	5152.4
82.5°	196.5	202.7	233.4	276.4	208.8	184.2	221.1	663.2	3138.1	*1823.9*	749.2
85°	55.3	67.6	79.8	110.5	86.0	79.8	104.4	233.4	399.2	*294.8*	202.7
87.5°	6.1	6.1	12.3	12.3	12.3	18.4	30.7	49.1	67.6	*67.6*	67.6
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: P1362622
CATALOG NUMBER: GSS-SB4D-722-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1	5748.1
2.5°	5772.7	5754.3	5729.7	5692.8	5692.8	5649.9	5625.3	5576.2	5594.6	5570.0	5557.7
5°	5827.9	5803.4	5748.1	5686.7	5625.3	5533.2	5459.5	5355.1	5342.8	5318.2	5281.4
7.5°	5926.2	5864.8	5797.2	5656.0	5539.3	5330.5	5164.7	4955.9	4839.2	4765.5	4771.7
10°	6024.5	5944.6	5803.4	5619.1	5367.4	5023.5	4593.6	4182.1	3868.9	3690.8	3727.7
12.5°	6092.0	6006.0	5815.7	5520.9	5054.2	4366.4	3568.0	2984.6	2757.4	2640.7	2640.7
15°	6159.6	6049.0	5797.2	5312.1	4464.6	3291.7	2659.1	2438.0	2376.6	2339.8	2327.5
17.5°	6245.5	6116.6	5742.0	4925.2	3518.9	2573.1	2352.1	2284.5	2284.5	2278.4	2266.1
20°	6349.9	6196.4	5674.4	4311.1	2702.1	2309.1	2247.7	2235.4	2247.7	2241.5	2235.4
22.5°	6509.6	6294.7	5502.5	3463.6	2321.4	2186.2	2180.1	2118.7	2131.0	2143.3	2137.1
25°	6712.3	6417.5	5177.0	2646.8	2131.0	2106.4	2045.0	1989.7	1983.6	1989.7	1989.7
27.5°	6902.6	6509.6	4648.8	2180.1	1995.9	1989.7	1934.5	1885.3	1885.3	1891.5	1891.5
30°	7111.4	6564.9	3838.2	1940.6	1916.0	1885.3	1866.9	1848.5	1854.6	1873.0	1873.0
32.5°	7387.8	6620.2	3046.0	1805.5	1836.2	1793.2	1805.5	1799.4	1811.6	1842.3	1848.5
35°	7725.6	6644.7	2438.0	1725.7	1725.7	1688.8	1695.0	1670.4	1670.4	1688.8	1701.1
37.5°	8173.9	6657.0	2051.1	1682.7	1639.7	1621.3	1609.0	1578.3	1535.3	1504.6	1510.7
40°	8659.0	6687.7	1842.3	1652.0	1602.8	1596.7	1572.1	1529.1	1406.3	1308.1	1301.9
42.5°	9303.8	6773.7	1737.9	1602.8	1602.8	1602.8	1566.0	1375.6	1277.4	1209.8	1203.7
45°	9954.8	7000.9	1682.7	1559.9	1596.7	1602.8	1437.0	1320.3	1240.5	1166.8	1148.4
47.5°	10679.5	7326.4	1658.1	1535.3	1553.7	1566.0	1351.1	1295.8	1203.7	1117.7	1099.3
50°	11398.0	7670.3	1633.5	1492.3	1492.3	1412.5	1332.6	1271.2	1179.1	1087.0	1074.7
52.5°	12159.5	8069.5	1609.0	1418.6	1412.5	1326.5	1314.2	1265.1	1166.8	1050.1	1025.6
55°	12822.7	8431.8	1566.0	1332.6	1326.5	1240.5	1301.9	1240.5	1093.1	958.0	933.5
57.5°	13455.2	8726.6	1510.7	1240.5	1252.8	1173.0	1252.8	1191.4	1025.6	890.5	878.2
60°	14057.1	9033.6	1437.0	1160.7	1160.7	1111.5	1191.4	1111.5	958.0	822.9	804.5
62.5°	14235.2	8935.4	1314.2	1074.7	1068.6	1031.7	1111.5	1019.4	872.0	749.2	730.8
65°	13621.1	8431.8	1166.8	988.7	970.3	939.6	994.9	908.9	773.8	675.5	669.4
67.5°	13707.0	8235.3	1001.0	878.2	859.8	835.2	853.6	786.1	681.7	608.0	601.8
70°	13817.6	8020.3	847.5	773.8	730.8	687.8	730.8	675.5	601.8	540.4	534.3
72.5°	*13731.6*	*7424.6*	*700.1*	*651.0*	*620.3*	*571.1*	*626.4*	*583.4*	*522.0*	*472.9*	*460.6*
75°	12491.1	5969.2	571.1	534.3	497.4	466.7	503.6	491.3	442.2	436.0	393.0
77.5°	8401.1	3825.9	442.2	411.5	399.2	368.5	393.0	374.6	350.0	325.5	307.1
80°	3641.7	1713.4	319.3	288.6	276.4	257.9	282.5	276.4	264.1	245.6	239.5
82.5°	522.0	405.3	214.9	196.5	165.8	153.5	165.8	178.1	257.9	313.2	307.1
85°	147.4	122.8	104.4	92.1	73.7	61.4	67.6	110.5	147.4	92.1	79.8
87.5°	67.6	61.4	49.1	30.7	18.4	18.4	12.3	6.1	6.1	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

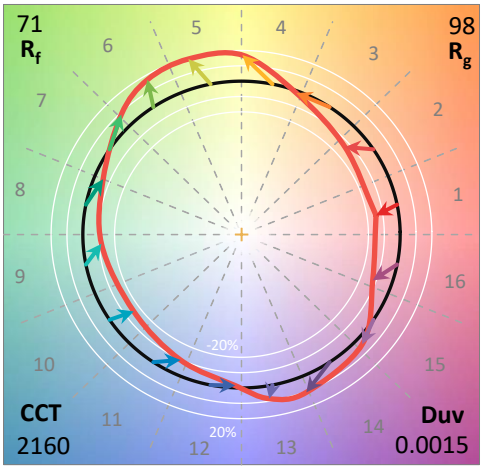
Test Information

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

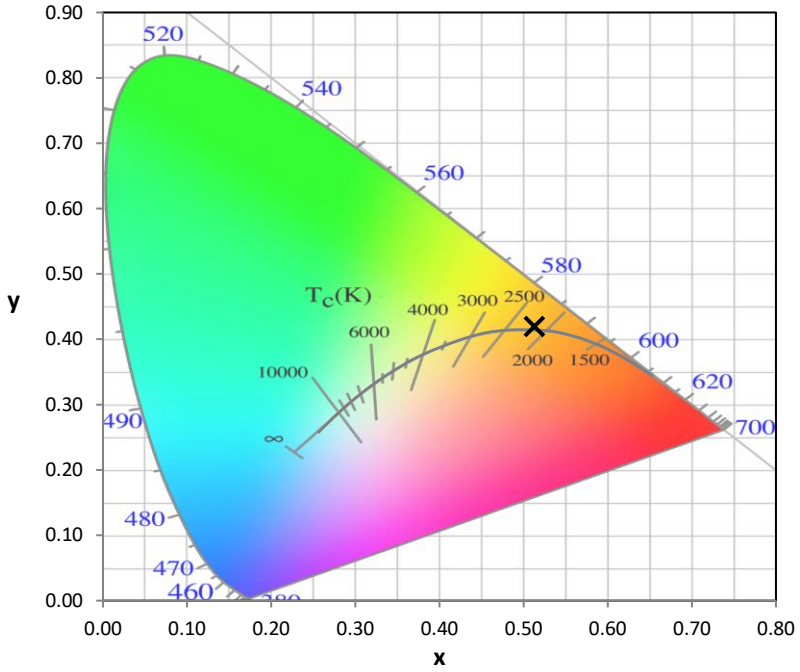
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

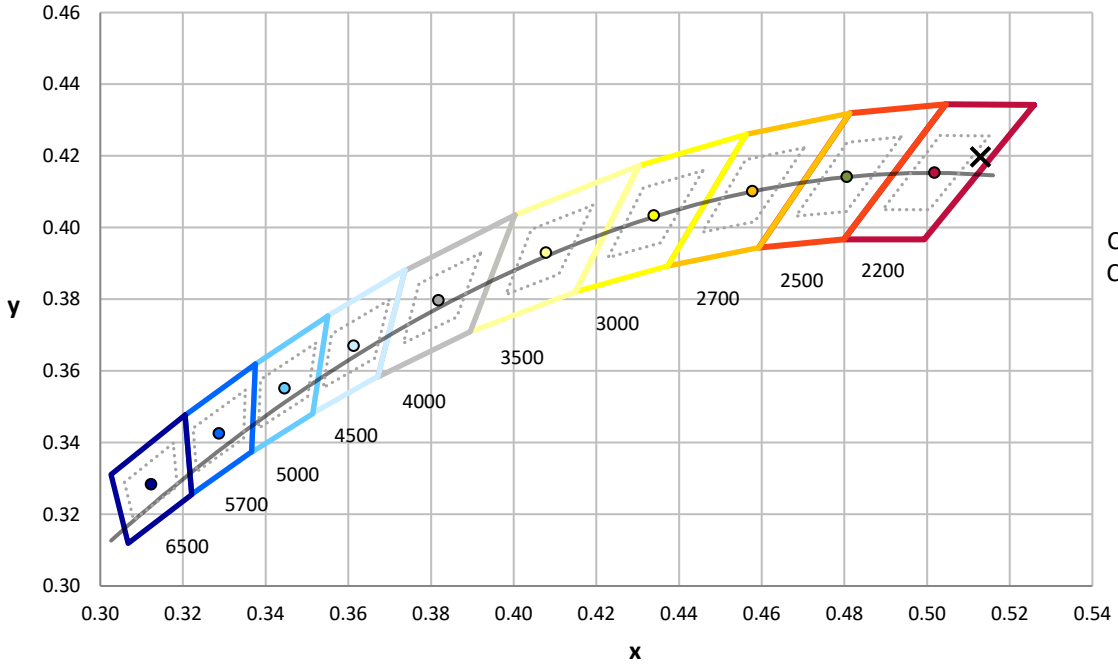
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

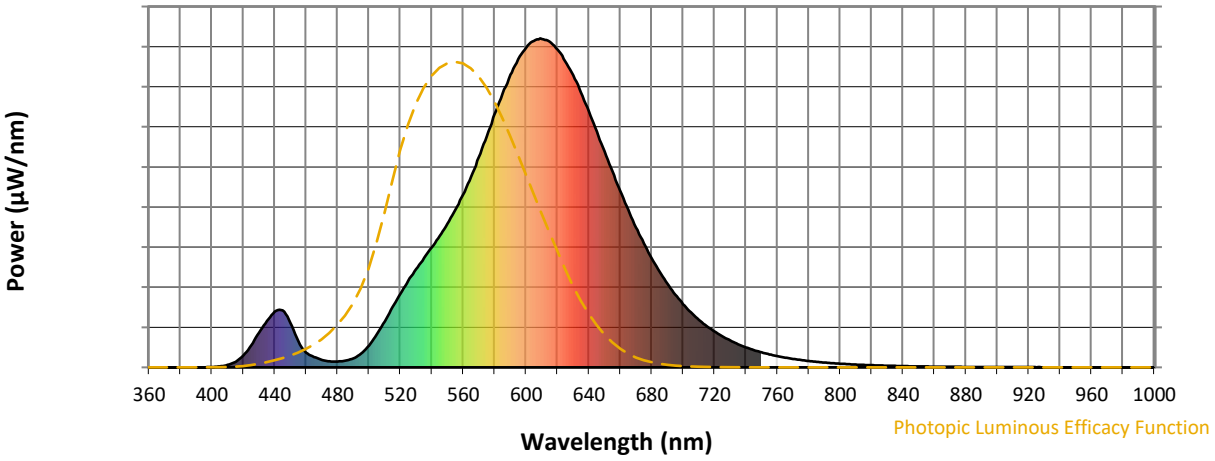


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

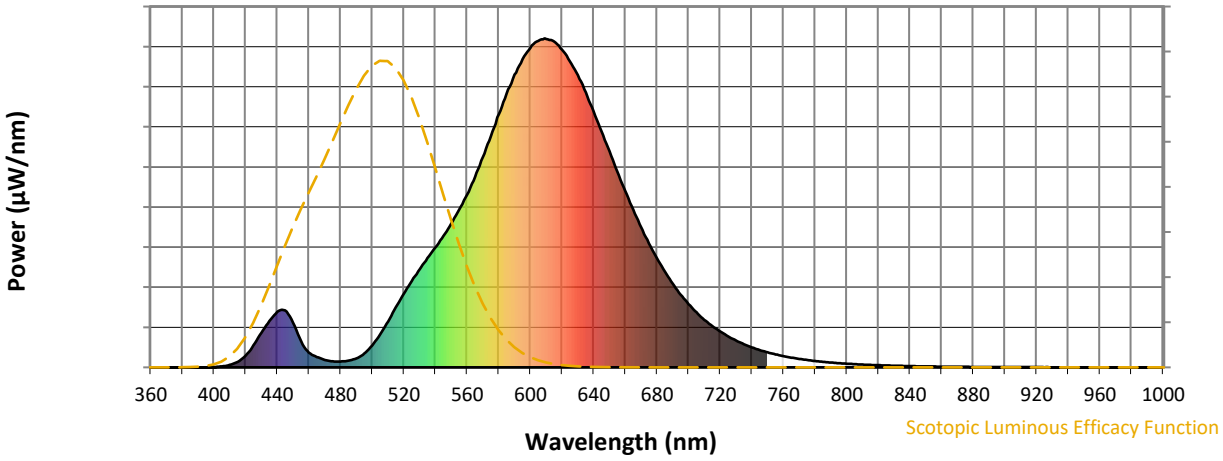


Photopic Lumens: NR

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

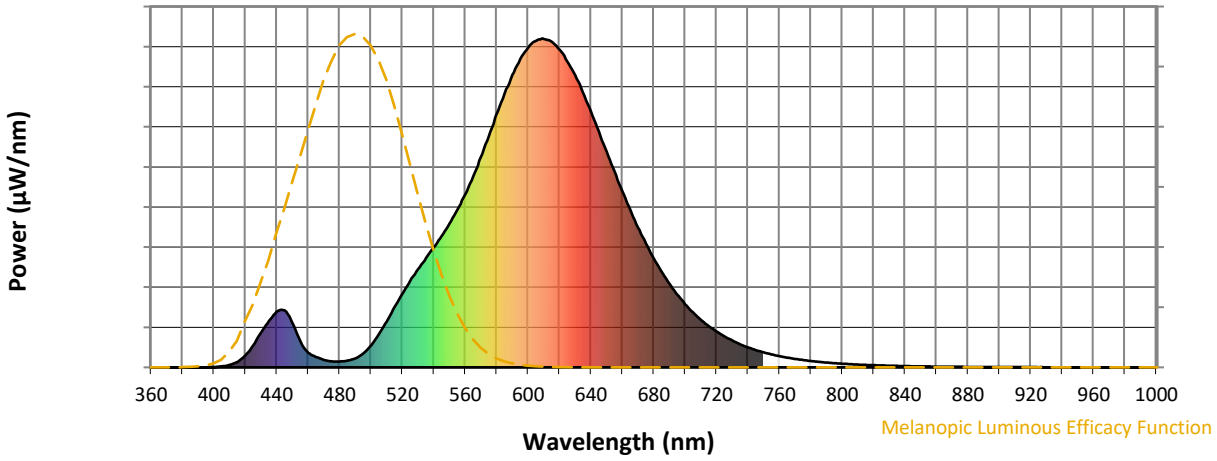


Scotopic Lumens: NR **S/P: 0.8**

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			

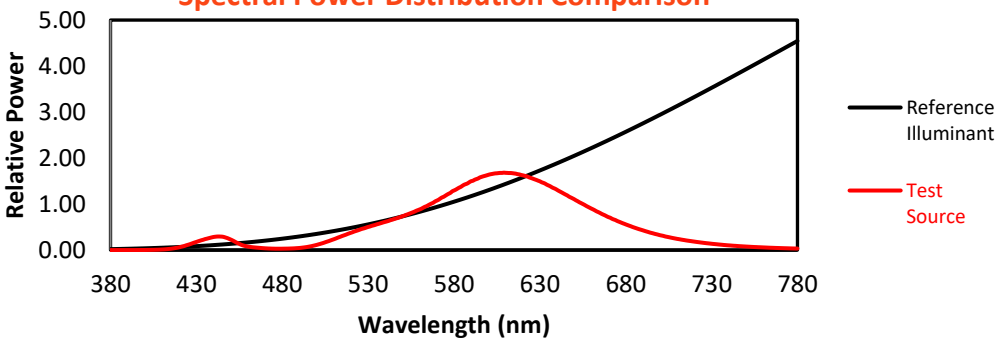
REPORT NUMBER: SP1-2407-184-2

TM-30-18

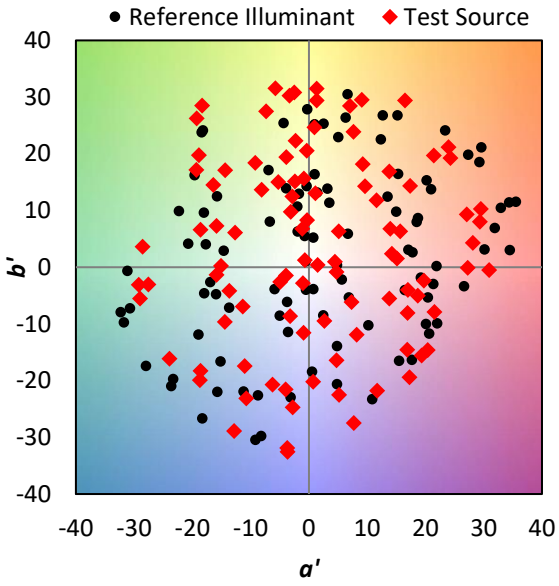
Summary

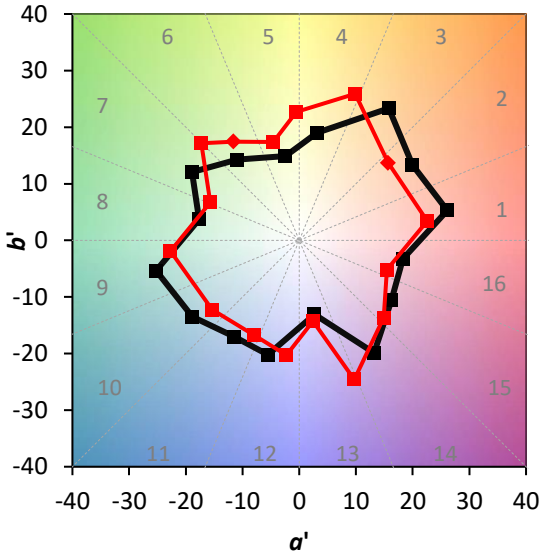
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

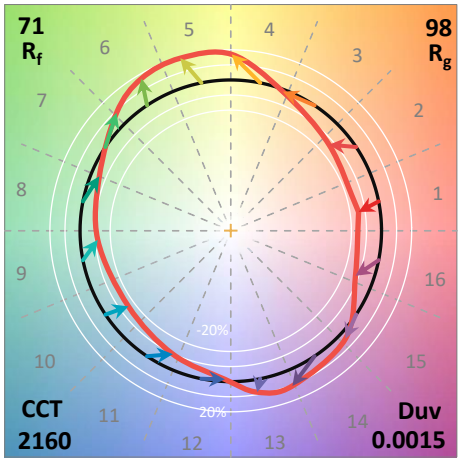
Spectral Power Distribution Comparison

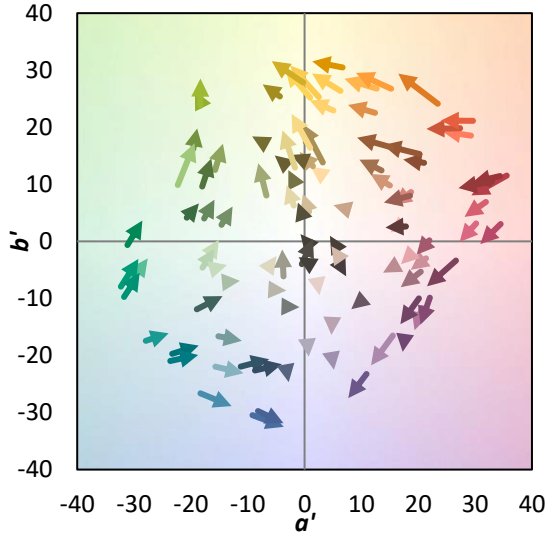


Color Vector Graphics







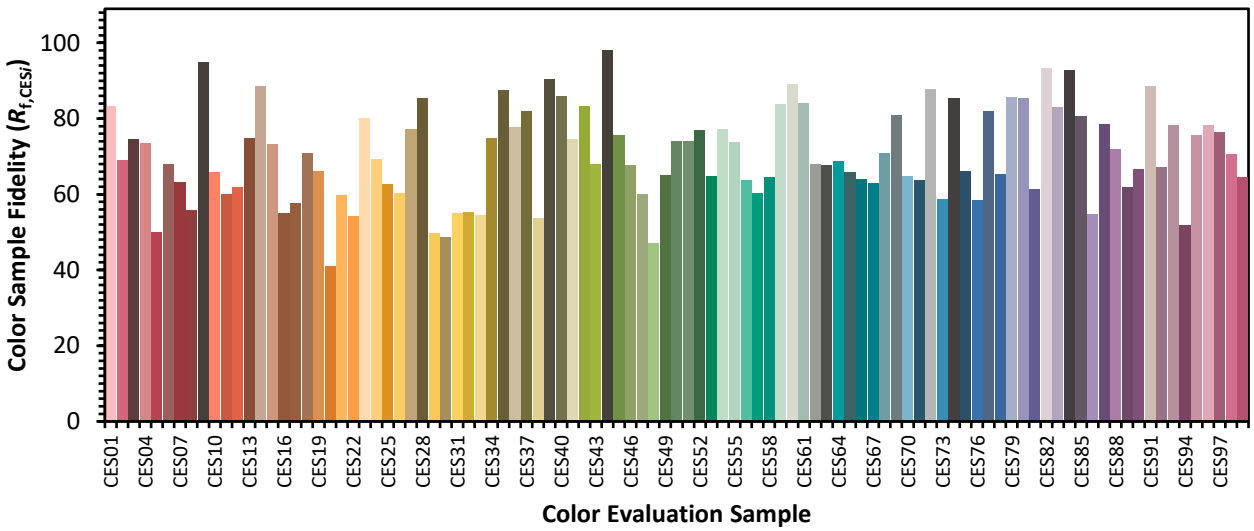


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

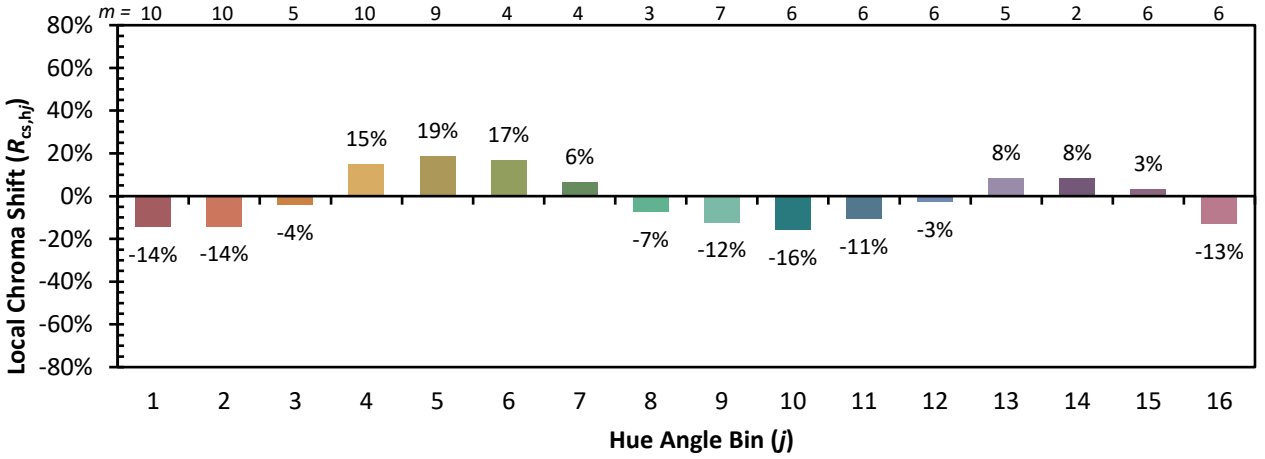
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

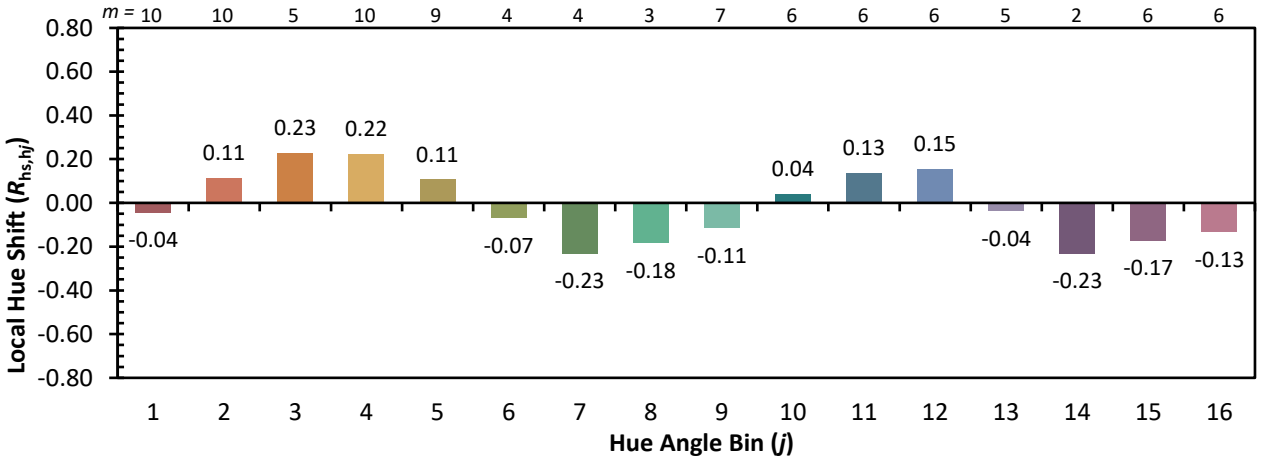


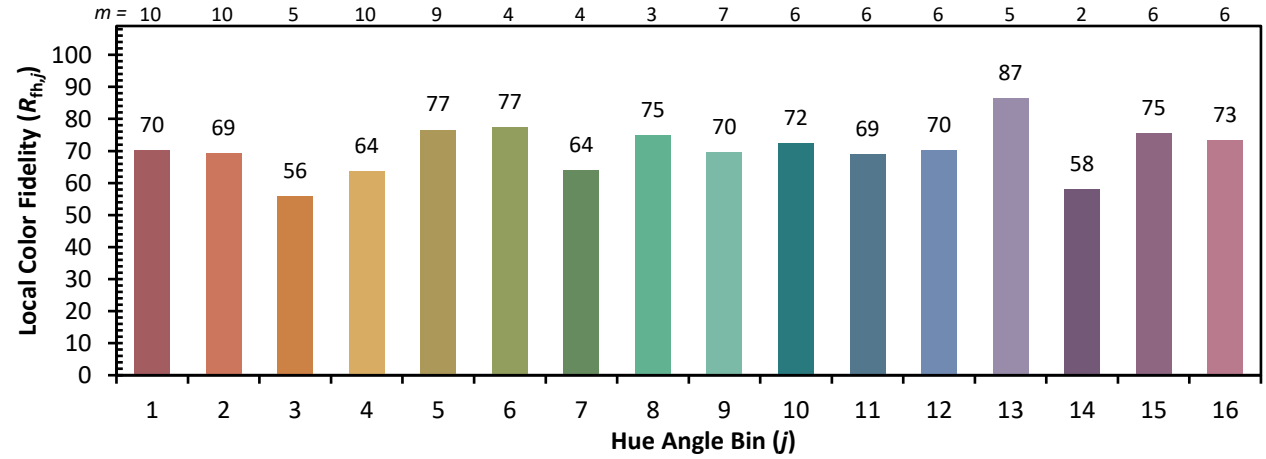
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



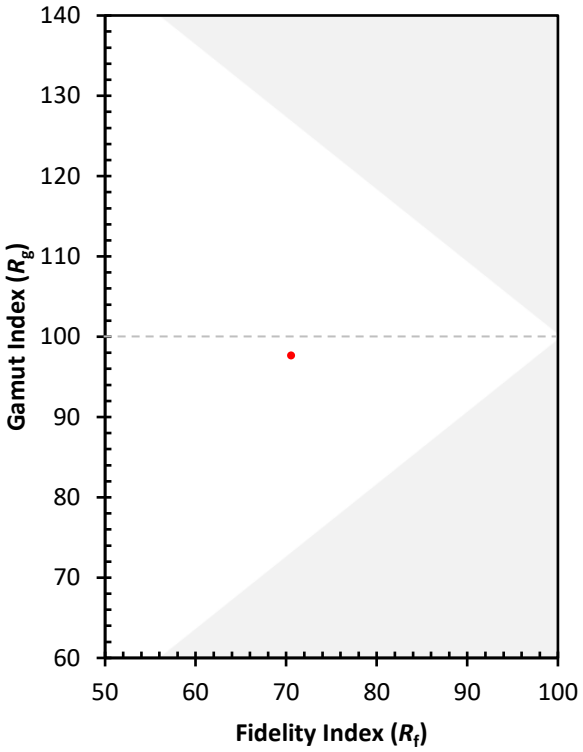


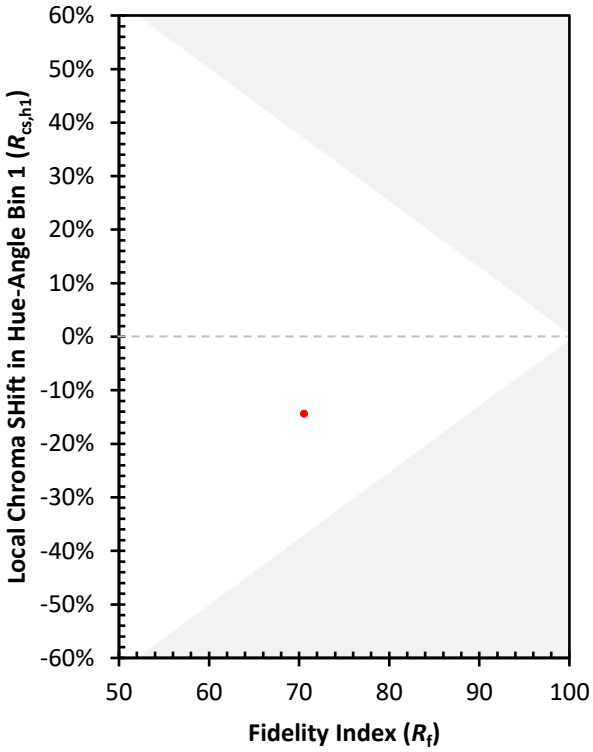


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)