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: P1363390

Luminaire Tested: **GSS-SB4D-722-U-SL3**

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:	P1363390
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-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2200K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24668.5 lumens
Efficiency:	N/A
Efficacy:	103.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G4

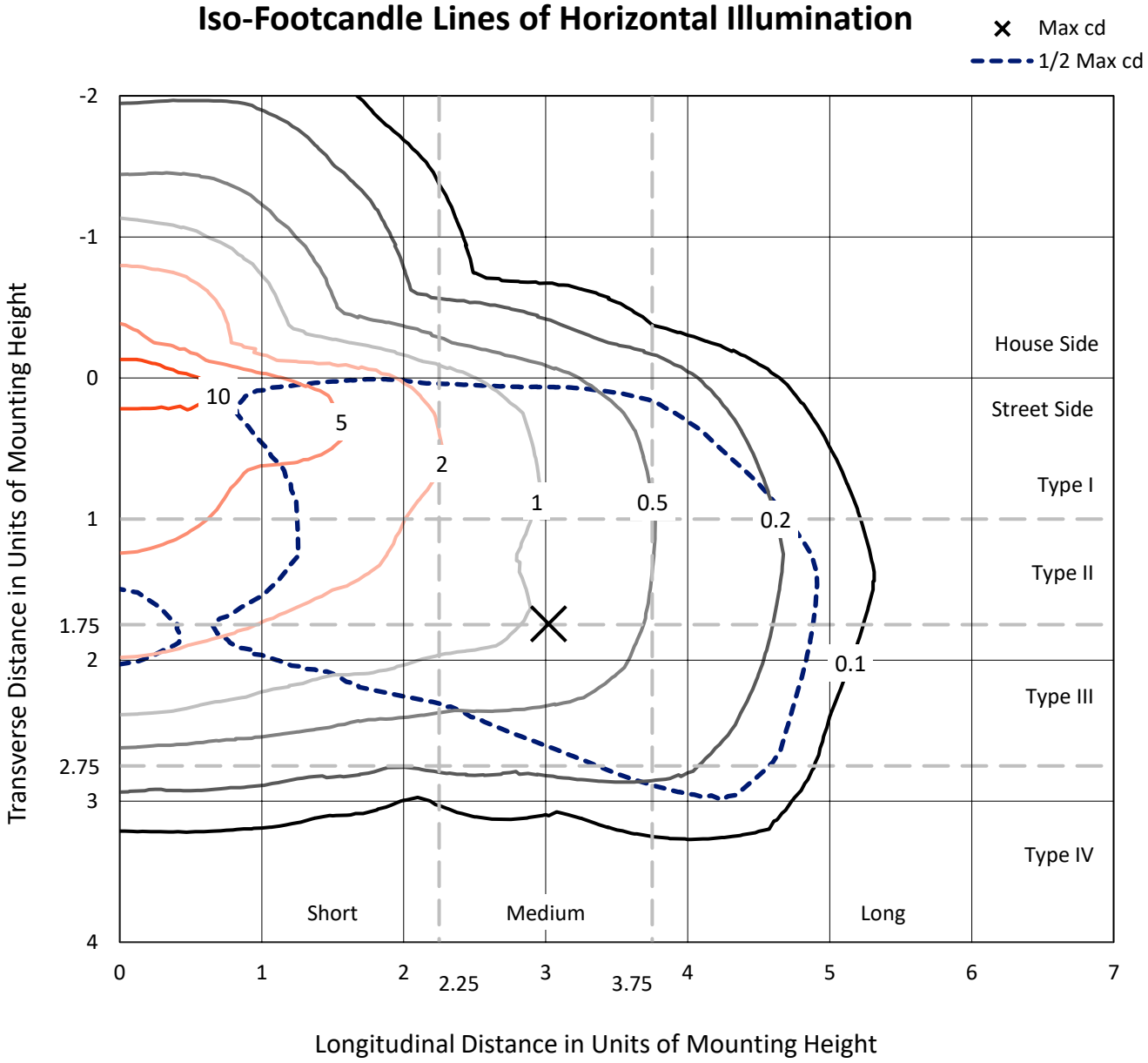
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



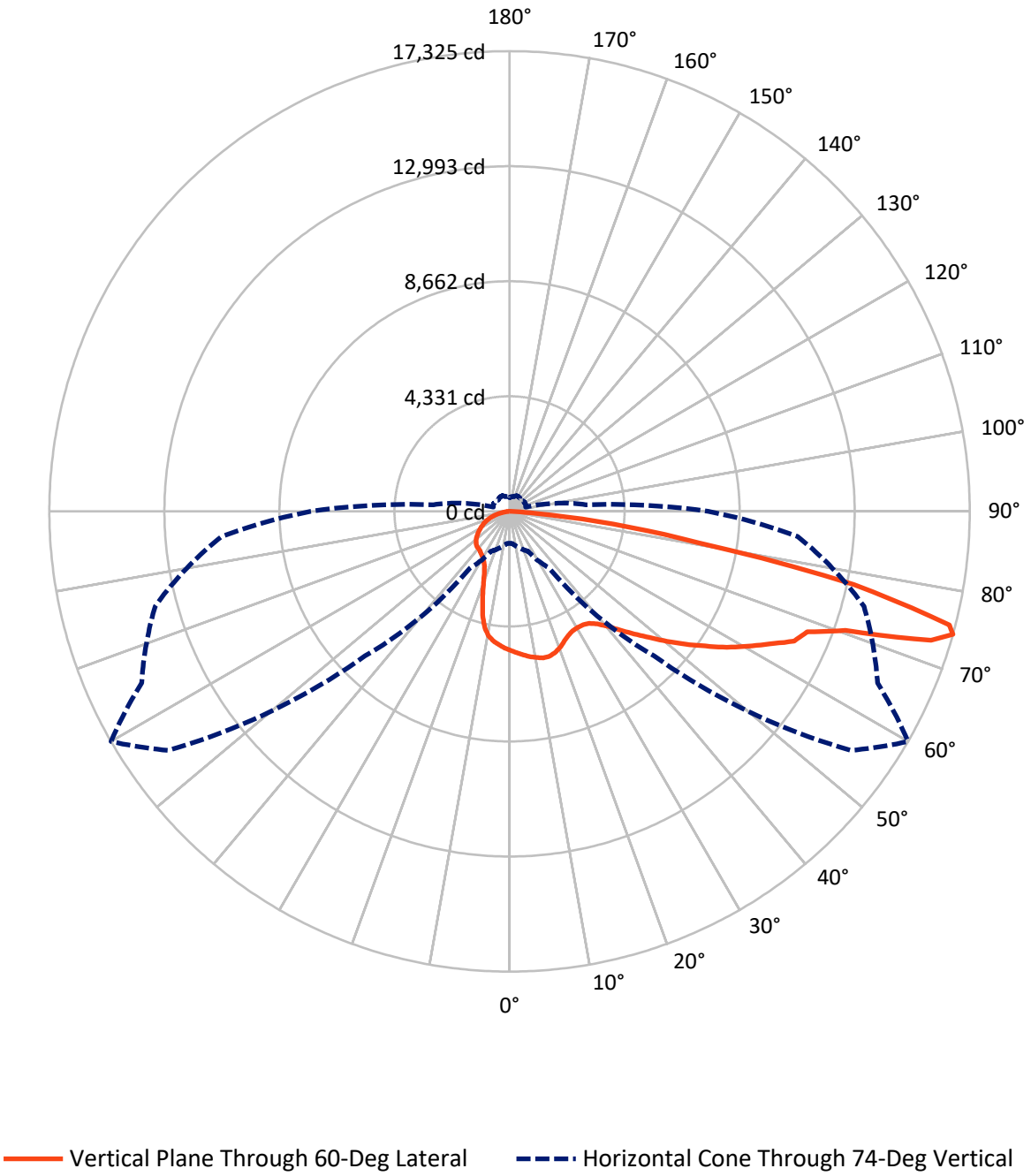
Based on 20 foot mounting height. Maximum calculated value = 13.1 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

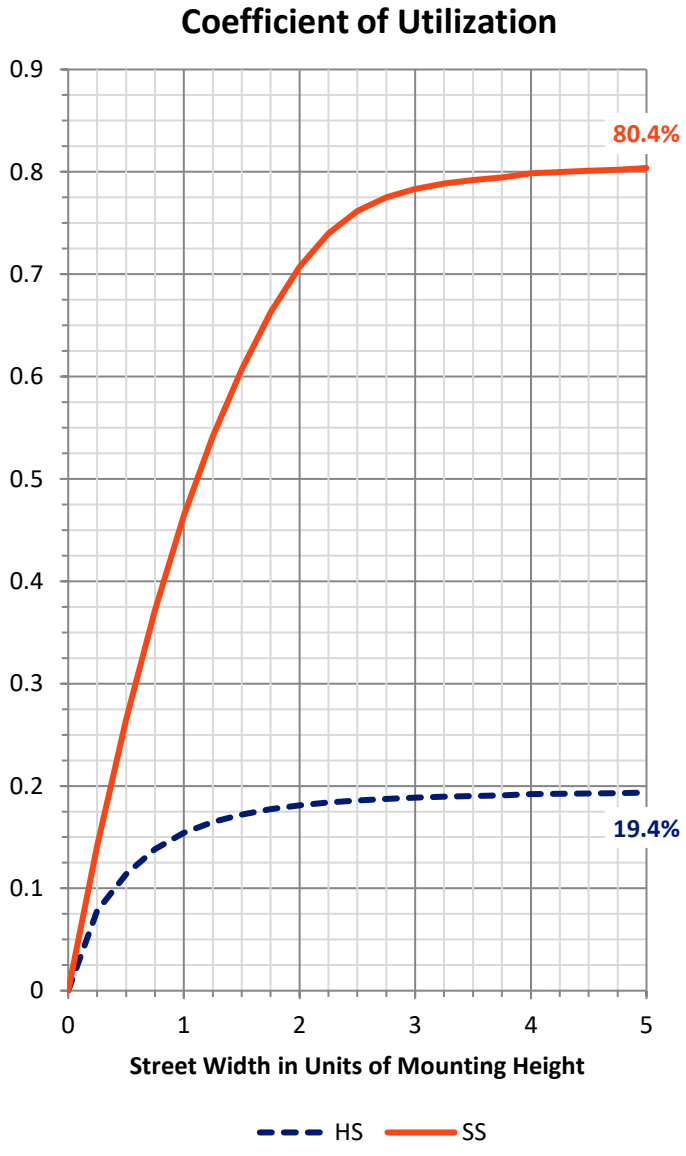
REPORT NUMBER: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4815.2	0.0	4815.2
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	19853.3	0.0	19853.3
	% Fixture	80.5	0.0	80.5
Total	Lumens	24668.5	0.0	24668.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.5	2.0
10°-20°	1181.4	4.8
20°-30°	1766.3	7.2
30°-40°	2517.8	10.2
40°-50°	3620.4	14.7
50°-60°	4847.6	19.7
60°-70°	5692.4	23.1
70°-80°	4060.1	16.5
80°-90°	501.1	2.0
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°	24668.5	100.0
0°-180°	24668.5	100.0



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

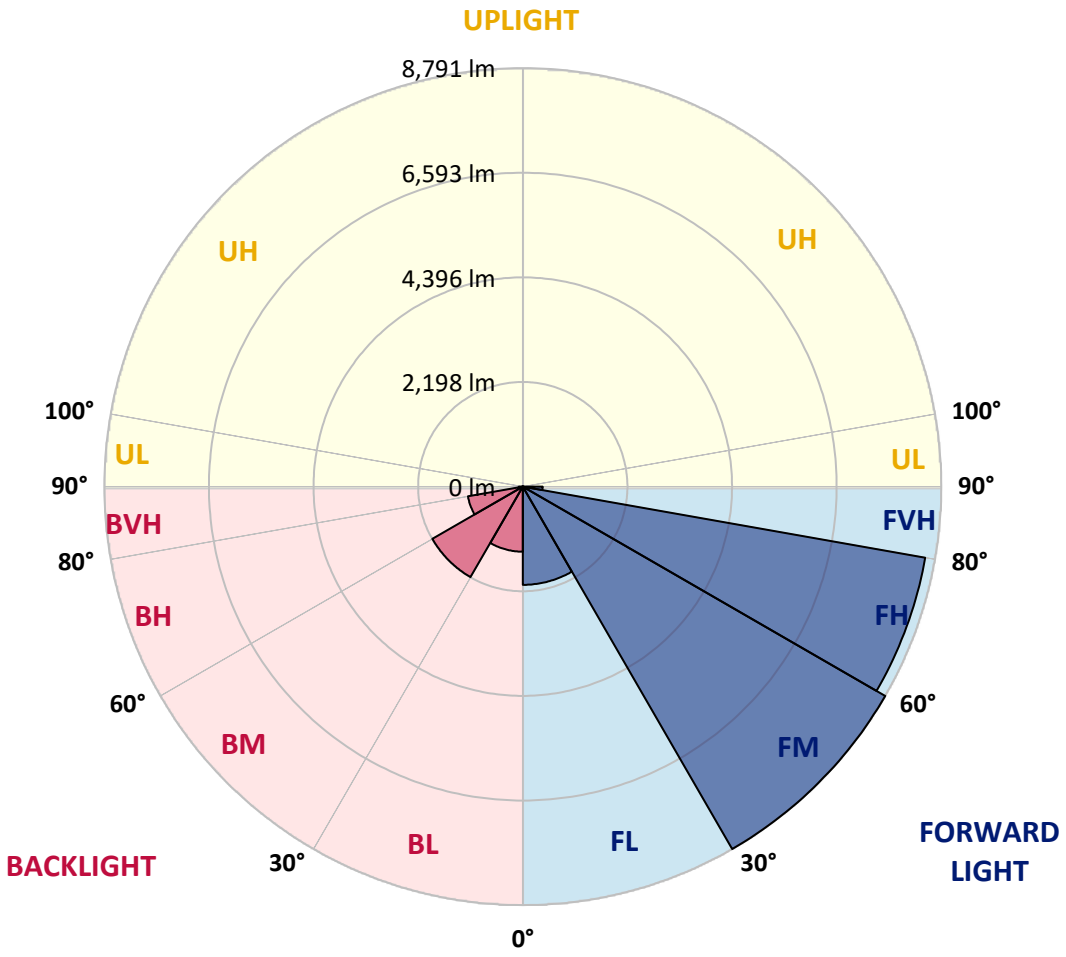
Scaled Data Report

REPORT NUMBER: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2062.6	8.4			
FM	(30°-60°)	8791.3	35.6			
FH	(60°-80°)	8583.0	34.8			G4/12000
FVH	(80°-90°)	416.4	1.7			G3/500
BL	(0°-30°)	1366.5	5.5	B3/2500		
BM	(30°-60°)	2194.6	8.9	B2/2500		
BH	(60°-80°)	1169.5	4.7	B3/2500		G3/2500
BVH	(80°-90°)	84.6	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-G4
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3
2.5°	5398.2	5404.3	5379.7	5361.3	5361.3	5330.6	5330.6	5330.6	5299.9	5293.8	5250.8
5°	5459.6	5453.4	5441.2	5447.3	5453.4	5441.2	5447.3	5428.9	5385.9	5373.6	5306.0
7.5°	5287.6	5287.6	5318.3	5379.7	5465.7	5508.7	5533.3	5521.0	5502.6	5465.7	5367.5
10°	4667.4	4710.3	4802.5	5005.1	5256.9	5465.7	5600.8	5594.7	5600.8	5551.7	5441.2
12.5°	4120.8	4139.2	4225.2	4403.3	4765.6	5213.9	5588.5	5662.2	5680.7	5650.0	5514.8
15°	3826.0	3819.9	3887.4	4028.7	4305.0	4796.3	5453.4	5656.1	5766.6	5760.5	5619.2
17.5°	3697.0	3703.2	3740.0	3832.1	4034.8	4440.1	5213.9	5582.4	5809.6	5883.3	5717.5
20°	3758.4	3740.0	3758.4	3776.9	3887.4	4206.8	4956.0	5453.4	5846.5	6000.0	5828.0
22.5°	3887.4	3869.0	3862.8	3850.6	3875.1	4071.7	4722.6	5293.8	5877.2	6153.5	5957.0
25°	4114.6	4096.2	4040.9	3973.4	3942.7	4028.7	4569.1	5158.7	5907.9	6368.5	6122.8
27.5°	4440.1	4415.6	4335.7	4176.1	4077.8	4090.1	4520.0	5085.0	5963.2	6577.3	6282.5
30°	4925.3	4913.0	4734.9	4477.0	4274.3	4200.6	4544.5	5066.5	6024.6	6816.8	6442.2
32.5°	5361.3	5349.0	5213.9	4925.3	4587.5	4378.7	4605.9	5091.1	6104.4	7123.9	6675.5
35°	5717.5	5692.9	5582.4	5361.3	5017.4	4648.9	4741.0	5177.1	6276.4	7529.2	6958.0
37.5°	6079.8	6061.4	5907.9	5674.5	5459.6	5023.5	4968.3	5373.6	6509.7	8081.9	7369.5
40°	6515.9	6491.3	6307.1	6030.7	5840.3	5533.3	5293.8	5686.8	6865.9	8714.4	7836.2
42.5°	6933.5	6908.9	6694.0	6454.5	6214.9	6024.6	5754.4	6104.4	7308.1	9518.9	8389.0
45°	7418.6	7418.6	7117.7	6853.6	6601.8	6368.5	6190.4	6583.4	7824.0	10427.8	9003.1
47.5°	7873.1	7830.1	7535.3	7246.7	7001.0	6558.9	6608.0	7087.0	8401.2	11349.0	9666.3
50°	8020.5	8008.2	7811.7	7553.7	7344.9	6792.2	7037.9	7688.8	9052.2	12227.2	10292.7
52.5°	8192.4	8137.2	7854.7	7817.8	7578.3	7087.0	7566.0	8309.1	9647.9	13025.6	10796.3
55°	8407.4	8346.0	7959.1	7885.4	7756.4	7418.6	8167.9	8947.8	10212.9	13645.9	11269.2
57.5°	8800.4	8726.7	8180.1	8020.5	7916.1	7836.2	8849.5	9654.1	10784.0	14131.0	11674.5
60°	9027.6	8966.2	8499.5	8382.8	8229.3	8413.5	9580.4	10305.0	11324.5	14505.6	11987.7
62.5°	8911.0	8868.0	8542.5	8763.6	8886.4	9175.0	10415.6	10980.6	11754.4	14788.1	12000.0
65°	8309.1	8223.1	8002.1	8671.4	9641.8	10458.6	11478.0	11772.8	12036.9	14026.6	11275.3
67.5°	6865.9	6779.9	6908.9	7596.7	9211.9	12436.0	12939.6	12092.1	11527.1	13332.7	11170.9
70°	3119.8	2978.5	3758.4	5373.6	7621.3	12006.2	14972.4	13418.6	12043.0	13271.2	10962.1
72.5°	1529.2	1590.6	1836.2	2413.5	4661.2	9218.0	16507.7	16593.7	13793.3	13430.9	11109.5
74°	1197.5	1216.0	1418.6	1658.1	2603.9	7695.0	15684.8	17324.5	15285.6	13811.7	10882.3
75°	1031.7	1056.3	1259.0	1381.8	1676.6	6479.0	14640.7	17103.4	15967.3	13738.0	10378.7
77.5°	755.4	749.2	896.6	1099.3	786.1	2886.4	11858.8	13252.8	13615.2	11189.4	6921.2
80°	466.7	485.2	620.3	767.7	522.0	1099.3	6970.3	7240.5	6442.2	6479.0	3359.3
82.5°	282.5	294.8	331.6	399.2	288.6	386.9	3156.6	3936.5	3261.0	2118.7	565.0
85°	86.0	92.1	110.5	141.2	104.4	141.2	1062.4	958.0	681.7	282.5	165.8
87.5°	6.1	6.1	12.3	12.3	18.4	30.7	43.0	49.1	55.3	61.4	61.4
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: P1363390
CATALOG NUMBER: GSS-SB4D-722-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3	5232.3
2.5°	5250.8	5232.3	5207.8	5164.8	5134.1	5103.4	5066.5	5011.3	4992.8	4999.0	5011.3
5°	5293.8	5244.6	5170.9	5072.7	4999.0	4937.6	4839.3	4759.5	4710.3	4710.3	4685.8
7.5°	5336.7	5269.2	5152.5	4986.7	4857.7	4685.8	4501.5	4317.3	4188.3	4133.1	4083.9
10°	5410.4	5306.0	5115.7	4894.6	4618.2	4274.3	3899.7	3518.9	3279.4	3156.6	3150.5
12.5°	5459.6	5355.2	5097.2	4741.0	4219.0	3568.1	2996.9	2683.7	2585.5	2542.5	2530.2
15°	5539.4	5398.2	5054.3	4458.6	3604.9	2825.0	2511.8	2419.7	2413.5	2419.7	2425.8
17.5°	5607.0	5435.0	4943.7	4010.2	2892.5	2456.5	2376.7	2370.5	2413.5	2431.9	2450.4
20°	5680.7	5465.7	4747.2	3383.8	2493.3	2346.0	2333.7	2370.5	2431.9	2481.1	2487.2
22.5°	5785.1	5490.3	4403.3	2763.6	2303.0	2284.5	2315.3	2352.1	2388.9	2431.9	2444.2
25°	5895.6	5490.3	3930.4	2339.8	2204.7	2253.8	2284.5	2253.8	2241.6	2278.4	2278.4
27.5°	5981.6	5447.3	3261.0	2112.6	2137.2	2217.0	2198.6	2131.0	2118.7	2143.3	2137.2
30°	6043.0	5287.6	2585.5	1989.8	2069.6	2137.2	2088.0	2051.2	2026.6	2032.8	2038.9
32.5°	6135.1	5042.0	2118.7	1903.8	2014.3	2008.2	2002.0	1965.2	1934.5	1940.6	1946.8
35°	6245.7	4636.6	1854.7	1842.4	1965.2	1916.1	1922.2	1879.2	1842.4	1842.4	1848.5
37.5°	6386.9	4151.5	1744.1	1817.8	1885.4	1879.2	1860.8	1805.5	1750.3	1738.0	1738.0
40°	6540.4	3555.8	1688.8	1805.5	1848.5	1866.9	1830.1	1762.5	1615.1	1523.0	1516.9
42.5°	6638.7	3064.5	1670.4	1787.1	1842.4	1860.8	1811.7	1602.9	1461.6	1400.2	1394.1
45°	6779.9	2794.3	1670.4	1738.0	1817.8	1836.2	1664.3	1523.0	1443.2	1412.5	1418.6
47.5°	6921.2	2794.3	1670.4	1701.1	1750.3	1774.8	1547.6	1486.2	1412.5	1412.5	1437.1
50°	7117.7	2947.8	1658.1	1645.9	1664.3	1572.2	1473.9	1424.8	1326.5	1289.7	1295.8
52.5°	7412.5	3181.2	1609.0	1566.0	1572.2	1455.5	1424.8	1351.1	1252.8	1179.1	1160.7
55°	7731.8	3433.0	1510.7	1473.9	1467.8	1381.8	1369.5	1289.7	1197.5	1099.3	1080.9
57.5°	8081.9	3635.6	1387.9	1381.8	1363.4	1308.1	1326.5	1271.2	1142.3	1013.3	994.9
60°	8413.5	3862.8	1271.2	1283.5	1252.8	1240.5	1265.1	1228.3	1068.6	927.3	915.0
62.5°	8413.5	3856.7	1166.8	1179.1	1173.0	1142.3	1185.3	1160.7	970.3	853.6	841.4
65°	7952.9	3684.8	1044.0	1074.7	1099.3	1037.9	1093.1	1050.2	884.3	792.2	773.8
67.5°	7891.5	3617.2	921.2	951.9	994.9	927.3	964.2	921.2	804.5	724.7	712.4
70°	7768.7	3463.7	810.6	847.5	865.9	792.2	841.4	810.6	724.7	663.3	651.0
72.5°	7830.1	3328.6	694.0	737.0	743.1	675.5	724.7	712.4	638.7	595.7	571.1
74°	*7486.2*	*2880.2*	*626.4*	*663.3*	*651.0*	*601.8*	*644.8*	*644.8*	*577.3*	*546.6*	*515.9*
75°	7031.7	2554.8	577.3	614.1	583.4	552.7	595.7	601.8	534.3	534.3	485.2
77.5°	4618.2	1713.4	454.5	479.0	466.7	448.3	472.9	466.7	417.6	405.3	374.6
80°	2260.0	939.6	343.9	331.6	337.8	331.6	350.1	343.9	319.3	307.1	300.9
82.5°	423.7	313.2	227.2	221.1	208.8	196.5	221.1	221.1	294.8	331.6	331.6
85°	129.0	122.8	110.5	110.5	104.4	92.1	98.3	141.2	172.0	116.7	110.5
87.5°	55.3	55.3	49.1	43.0	30.7	30.7	24.6	24.6	24.6	24.6	24.6
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

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

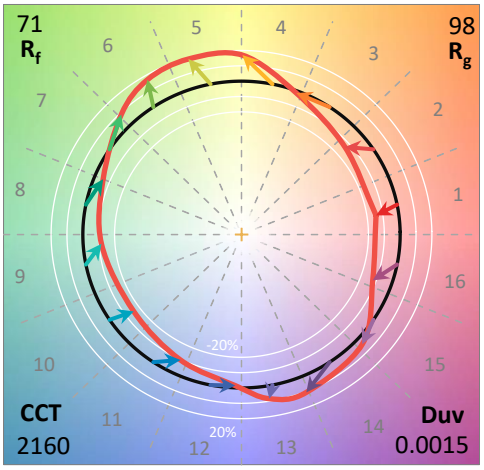
Test Information

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

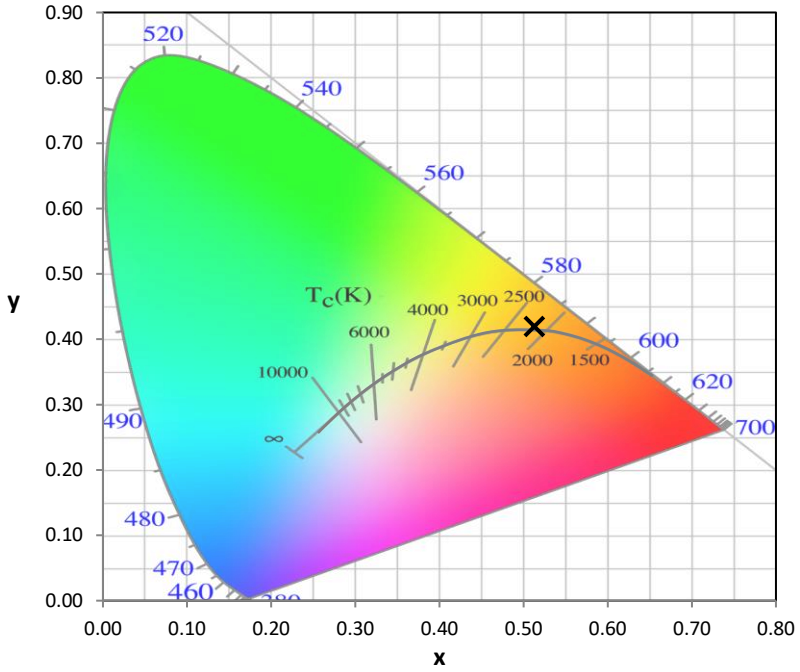
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

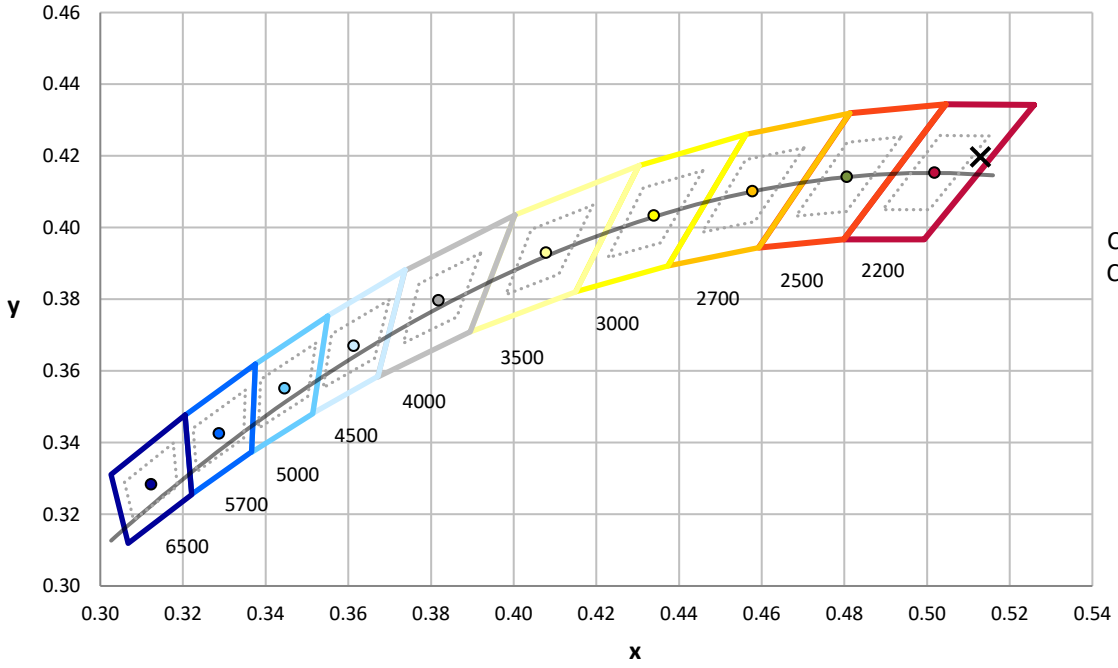
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

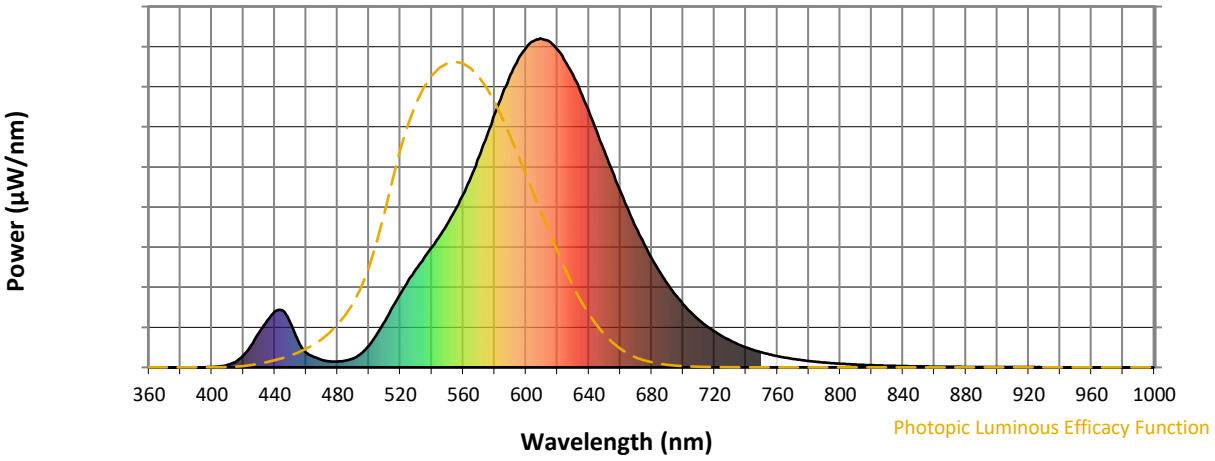


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

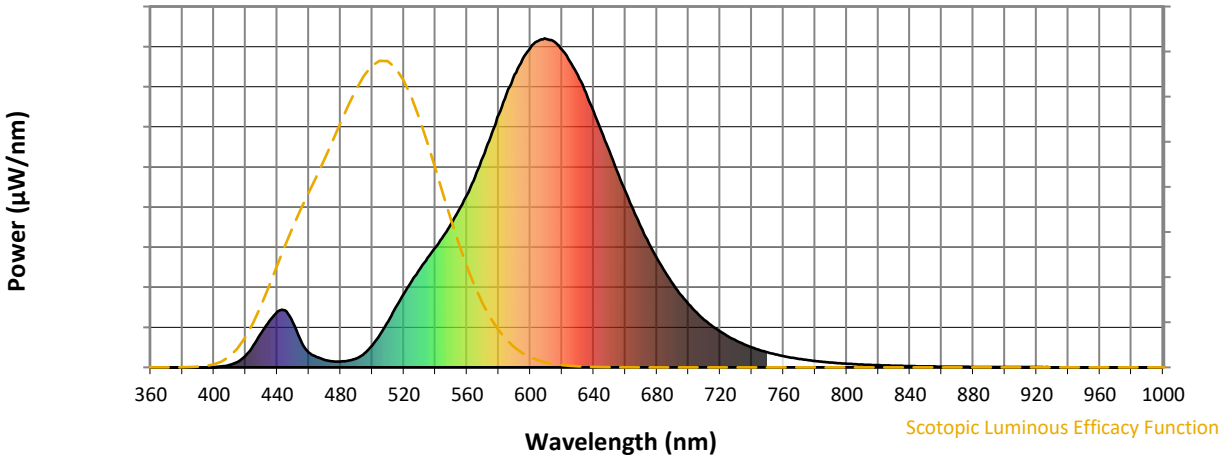


Photopic Lumens: NR

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

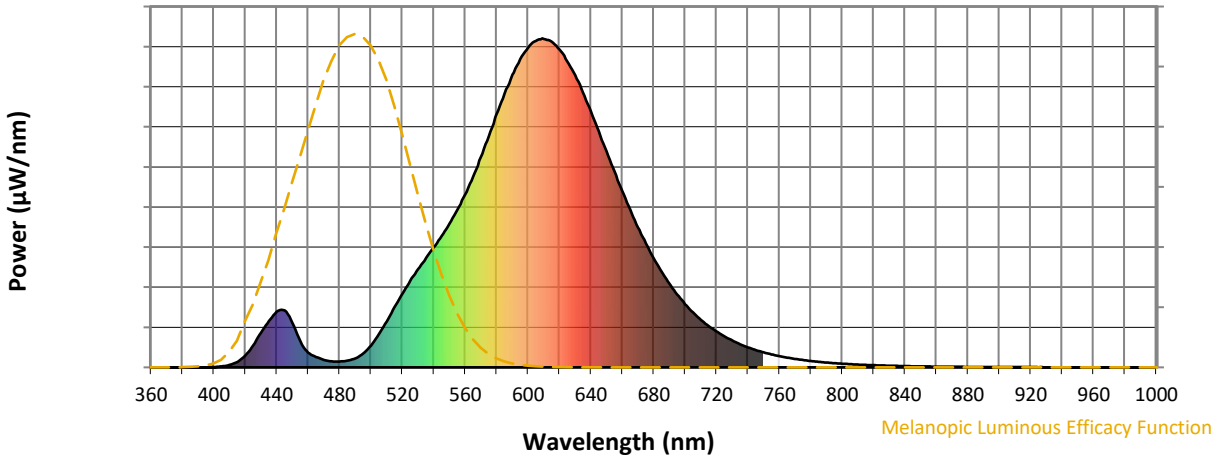


Scotopic Lumens: NR **S/P: 0.8**

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			

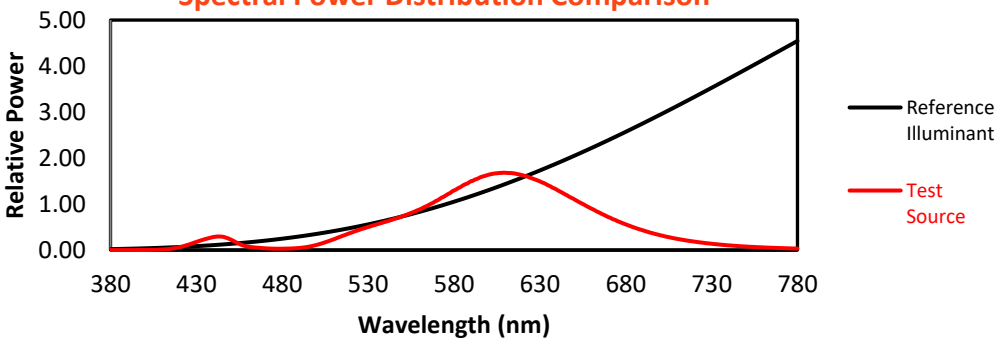
REPORT NUMBER: SP1-2407-184-2

TM-30-18

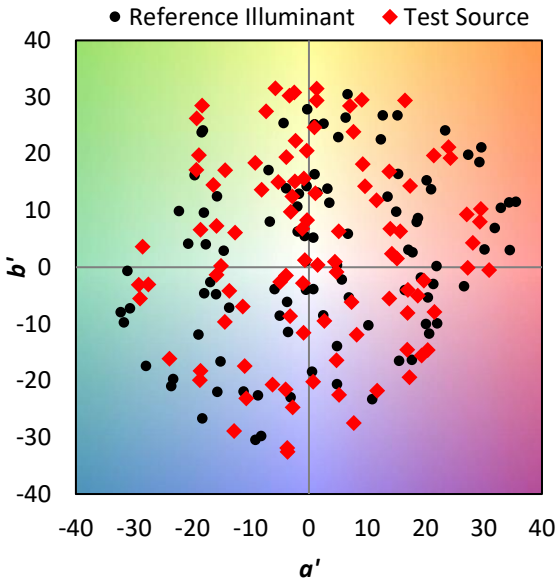
Summary

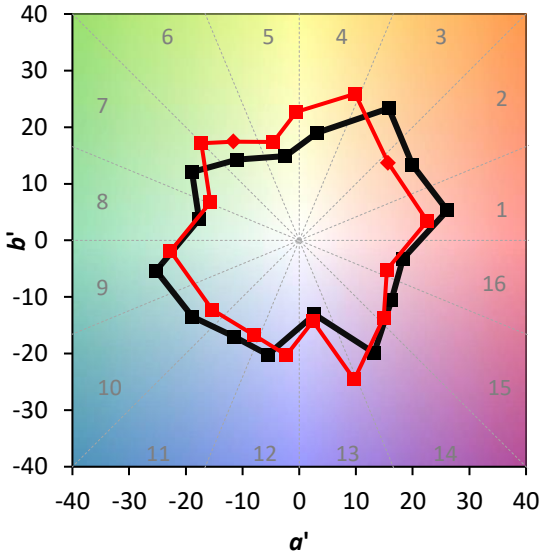
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

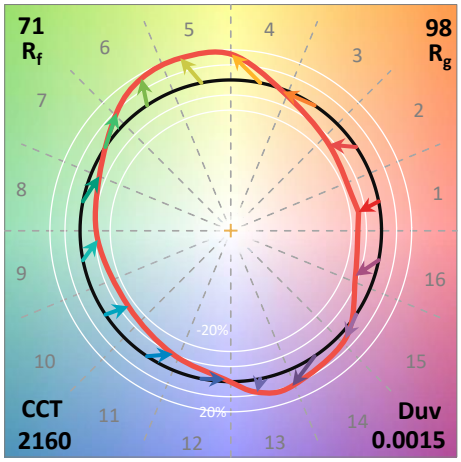
Spectral Power Distribution Comparison

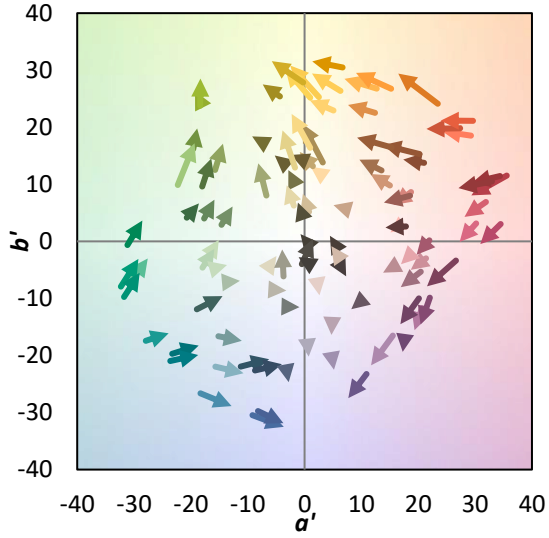


Color Vector Graphics







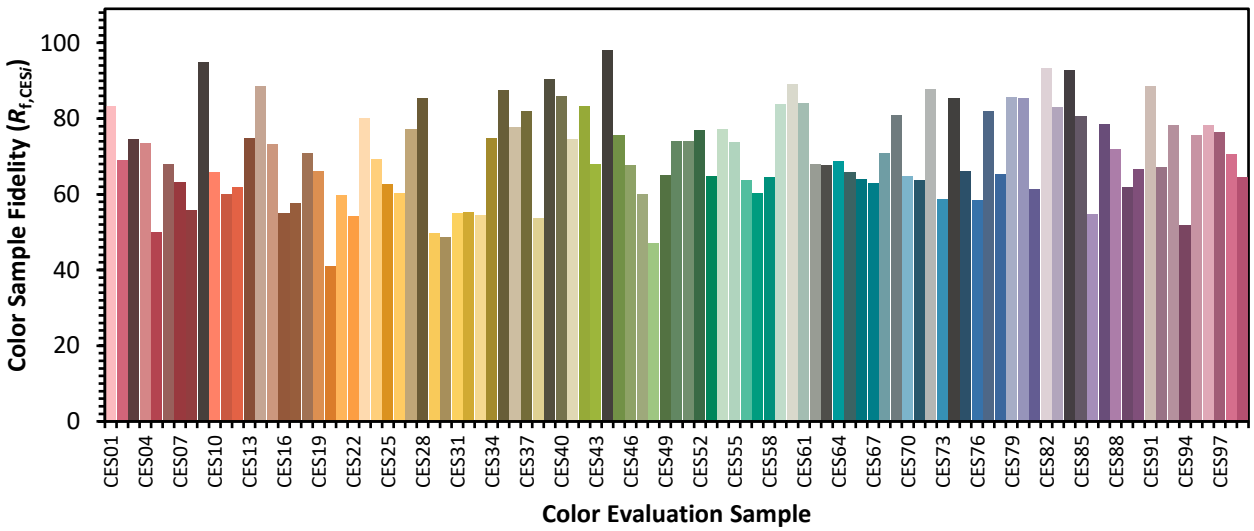


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

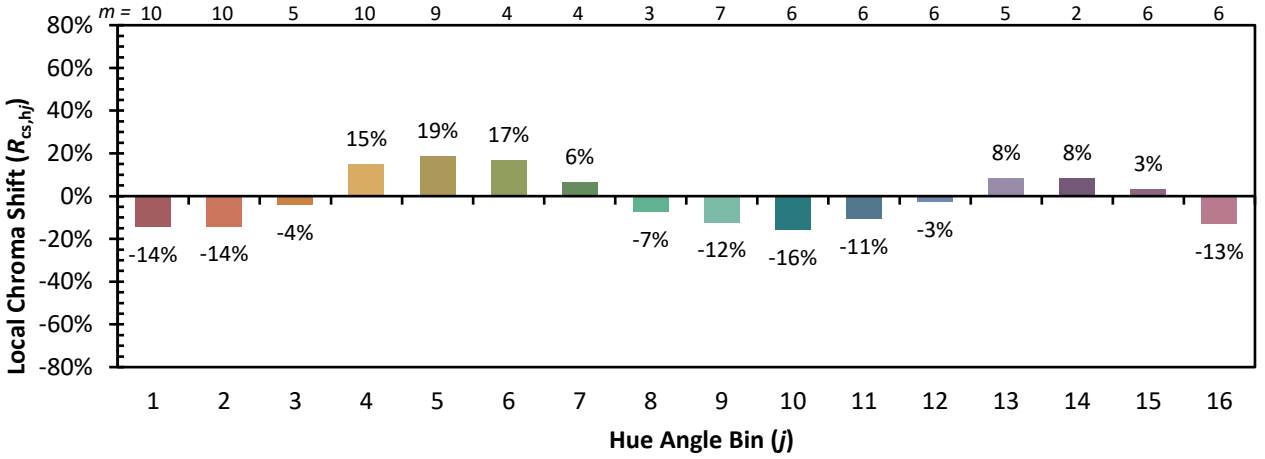
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

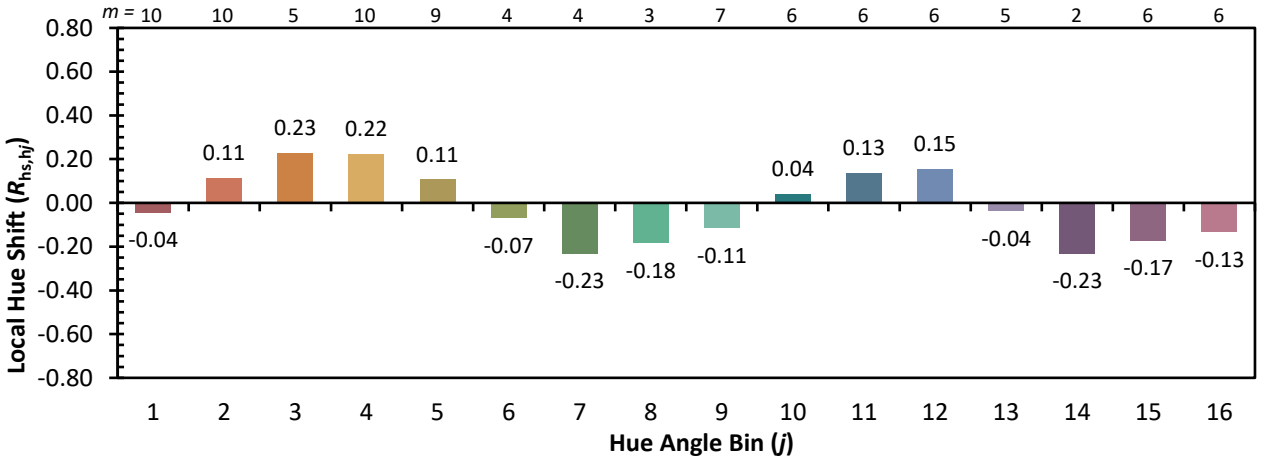


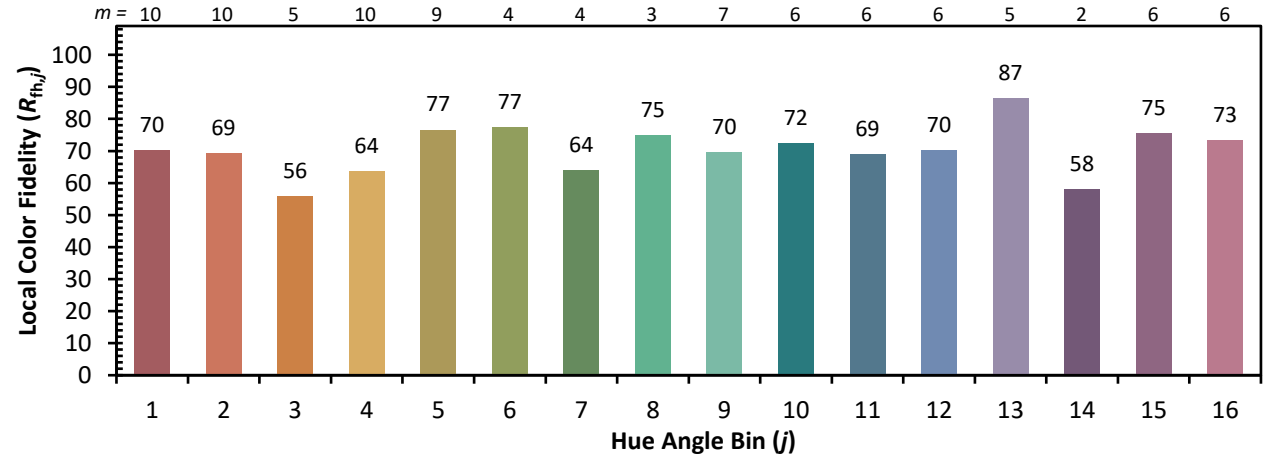
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



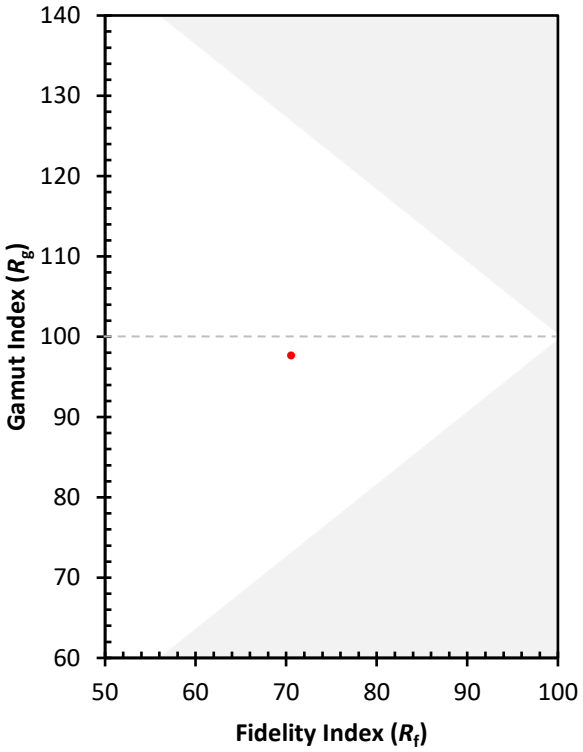


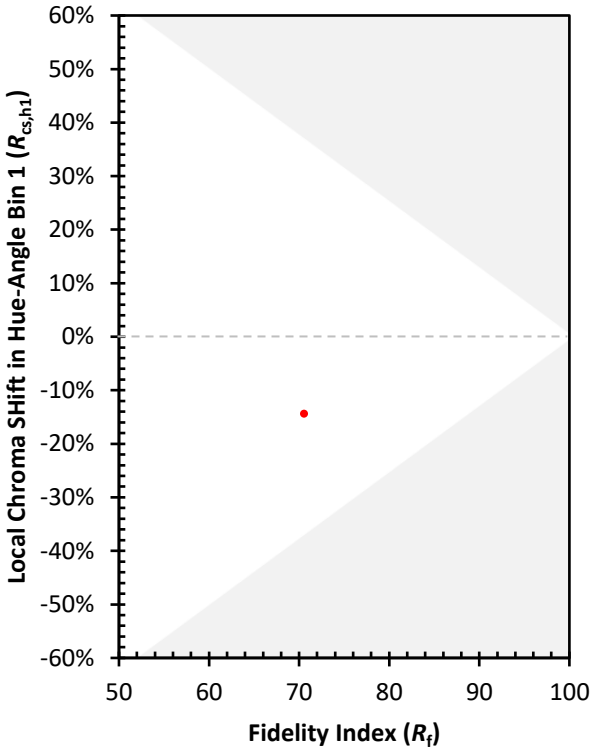


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)