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: P1365734

Luminaire Tested: **GSS-SB2D-730-U-T2R**

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:	P1365734
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-730-U-T2R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(52) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19061.7 lumens
Efficiency:	N/A
Efficacy:	129.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

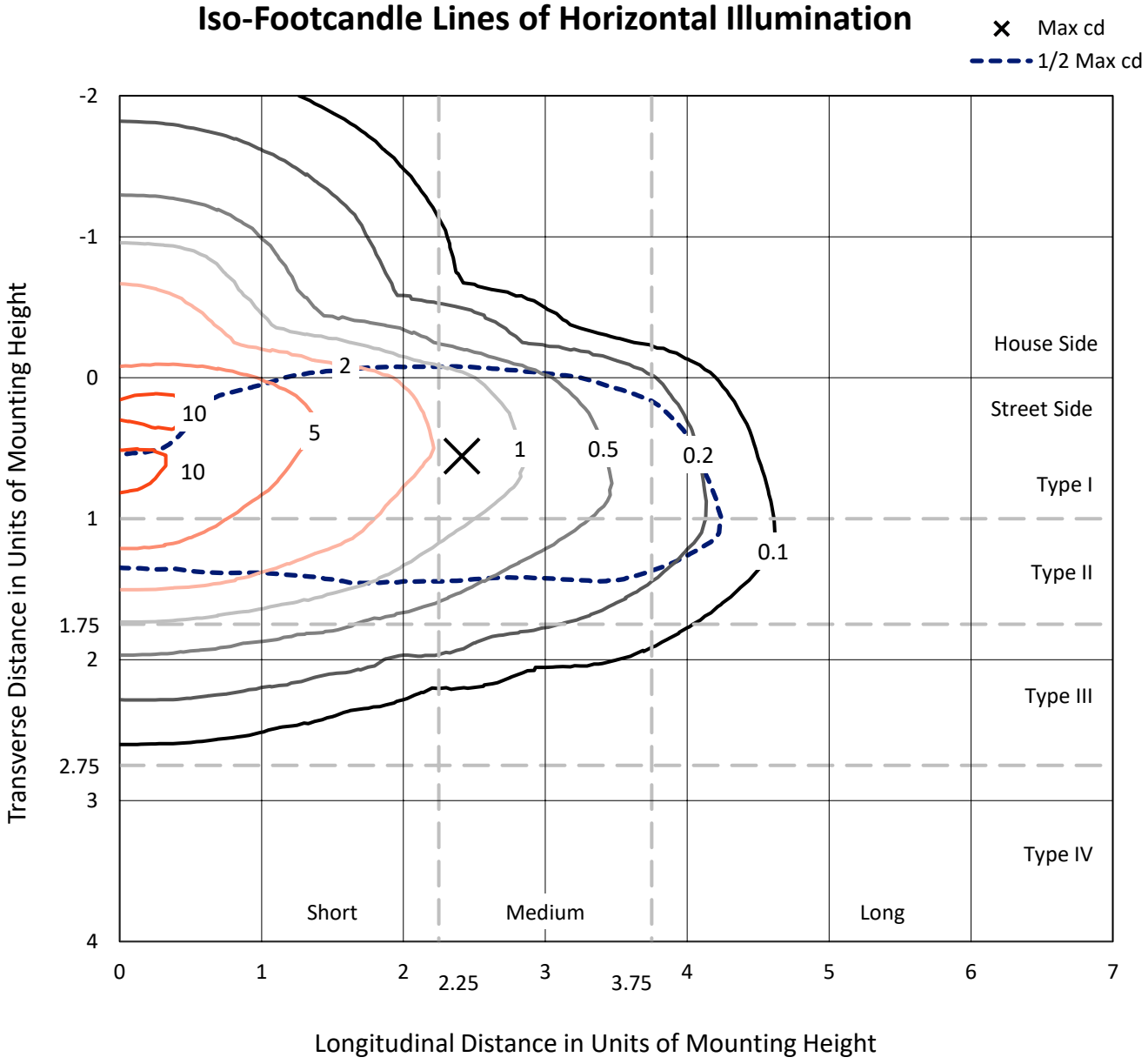
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



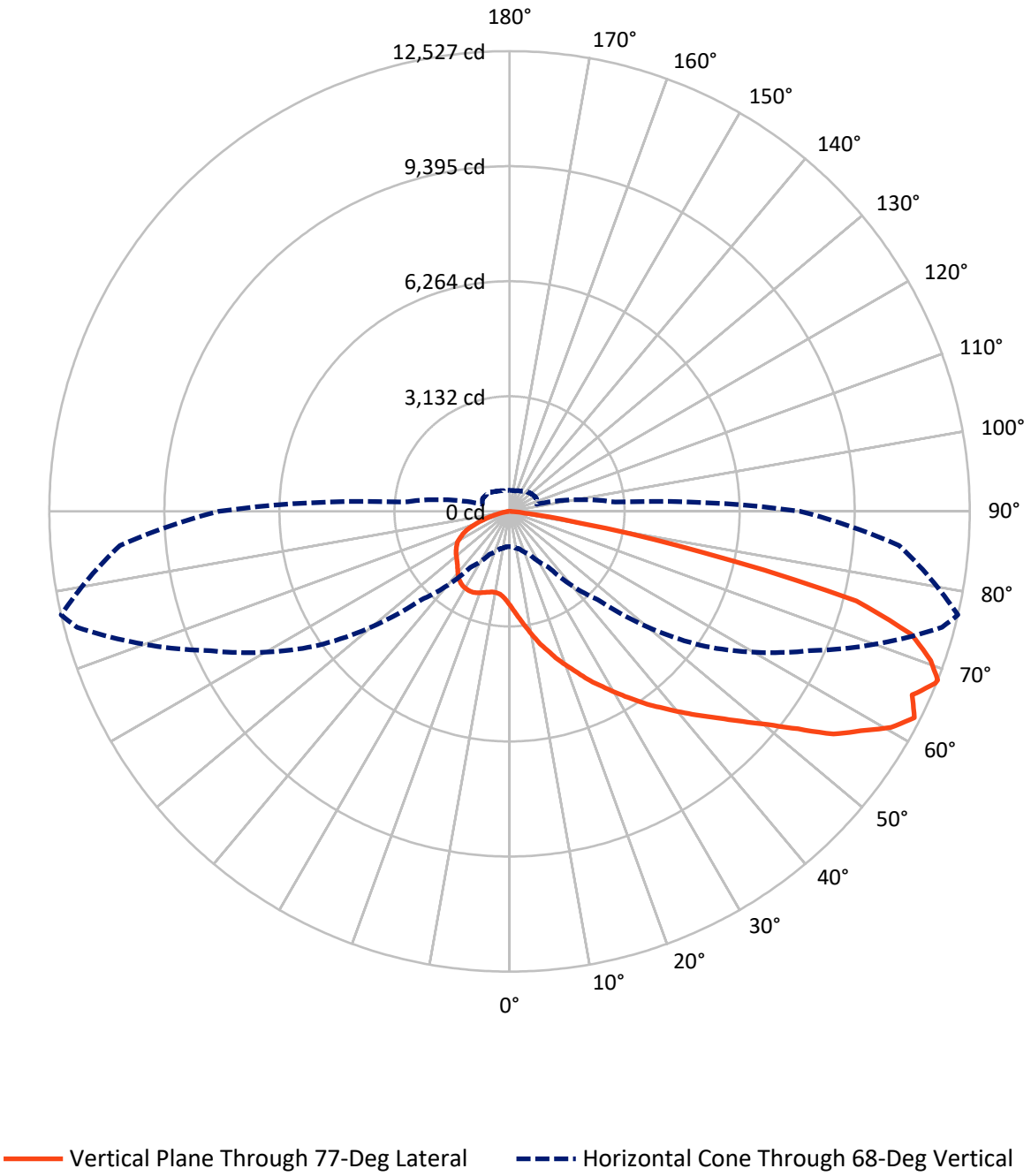
Based on 20 foot mounting height. Maximum calculated value = 11.1 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

Luminous Intensity Polar Plot



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

Scaled Data Report

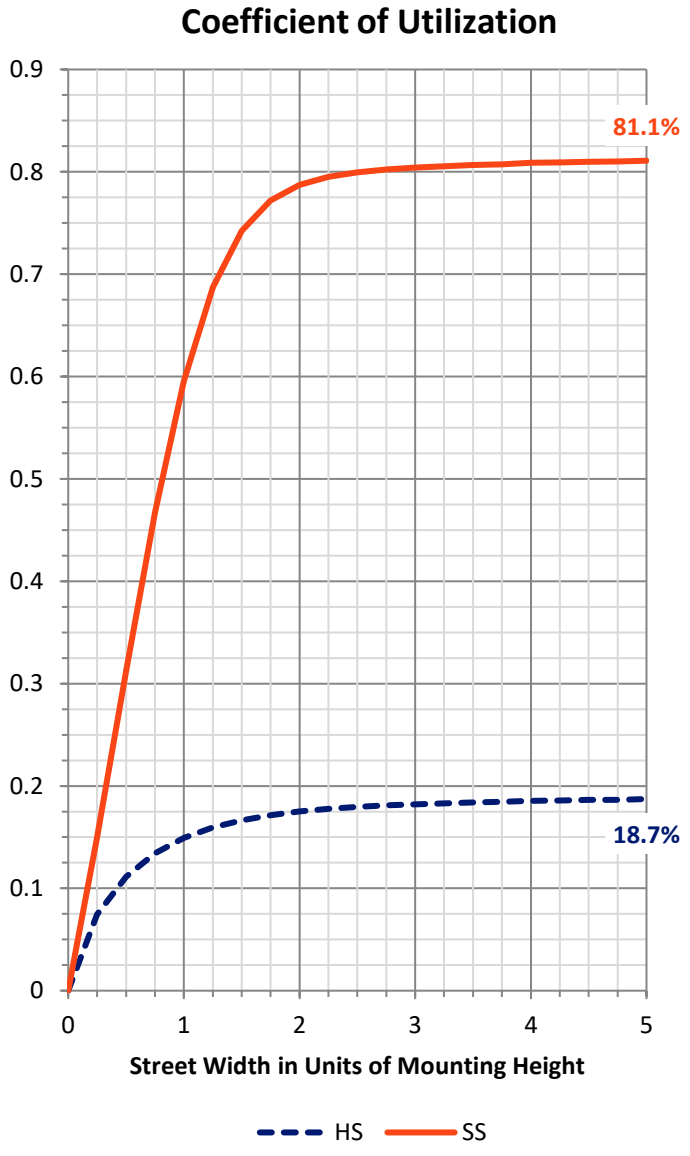
REPORT NUMBER: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3598.3	0.0	3598.3
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	15463.3	0.0	15463.3
	% Fixture	81.1	0.0	81.1
Total	Lumens	19061.7	0.0	19061.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.1	1.4
10°-20°	923.9	4.8
20°-30°	1688.8	8.9
30°-40°	2736.5	14.4
40°-50°	3763.9	19.7
50°-60°	4220.2	22.1
60°-70°	3556.8	18.7
70°-80°	1762.8	9.2
80°-90°	145.6	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19061.7	100.0
0°-180°	19061.7	100.0



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

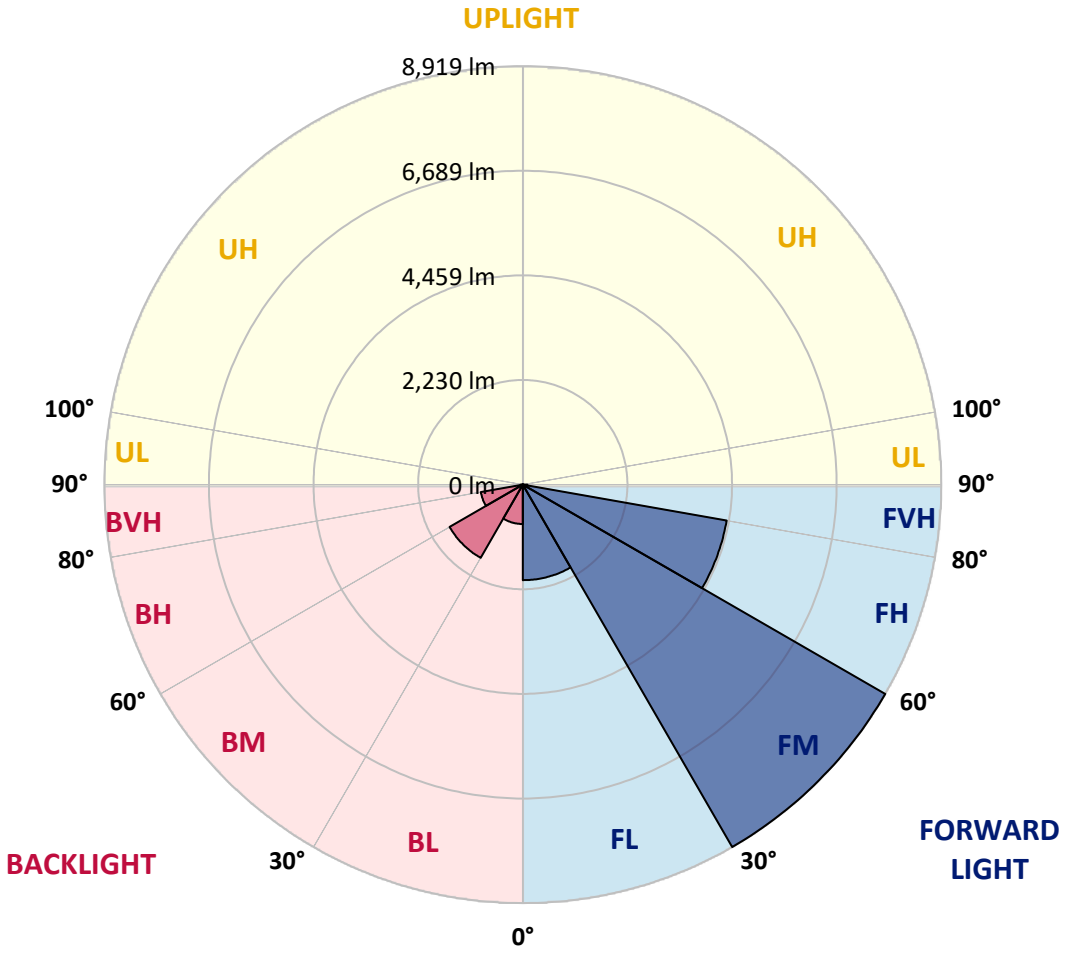
Scaled Data Report

REPORT NUMBER: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2036.9	10.7			
FM	(30°-60°)	8918.8	46.8			
FH	(60°-80°)	4412.0	23.1			G2/5000
FVH	(80°-90°)	95.7	0.5			G1/100
BL	(0°-30°)	839.0	4.4	B2/1000		
BM	(30°-60°)	1801.8	9.5	B2/2500		
BH	(60°-80°)	907.7	4.8	B2/1000		G2/1000
BVH	(80°-90°)	49.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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

Scaled Data Report

REPORT NUMBER: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	*2564.5*	2564.5
2.5°	3199.0	3181.3	3168.1	3124.1	3097.6	3027.1	2969.8	2872.9	2749.5	*2740.7*	2643.8
5°	3688.1	3666.0	3648.4	3586.7	3560.3	3436.9	3326.8	3154.9	2978.7	*2947.8*	2753.9
7.5°	4084.6	4058.2	4040.6	3983.3	3930.4	3833.5	3692.5	3485.4	3229.8	*3172.5*	2917.0
10°	4362.2	4362.2	4357.8	4322.6	4291.7	4199.2	4036.2	3793.8	3489.8	*3423.7*	3088.8
12.5°	4578.1	4564.9	4582.5	4604.6	4609.0	4556.1	4406.3	4133.1	3767.4	*3701.3*	3269.5
15°	4595.8	4600.2	4666.3	4754.4	4864.5	4882.2	4758.8	4472.4	4036.2	*3948.0*	3481.0
17.5°	4507.6	4529.7	4622.2	4767.6	4979.1	5106.9	5080.5	4824.9	4327.0	*4234.4*	3674.8
20°	4481.2	4507.6	4600.2	4780.8	5032.0	5243.5	5322.8	5137.7	4617.8	*4490.0*	3886.3
22.5°	4639.8	4648.6	4714.7	4864.5	5106.9	5349.2	5525.5	5437.4	4926.2	*4785.2*	4128.7
25°	5071.6	5062.8	5058.4	5093.7	5274.3	5485.8	5701.7	5719.4	5247.9	*5106.9*	4357.8
27.5°	5789.9	5825.1	5723.8	5529.9	5547.5	5710.6	5878.0	5970.5	5560.7	*5406.5*	4586.9
30°	6684.3	6679.9	6499.3	6186.4	5948.5	6005.8	6098.3	6208.5	5873.6	*5732.6*	4842.5
32.5°	7446.6	7429.0	7235.1	6873.8	6499.3	6375.9	6411.2	6433.2	6234.9	*6076.3*	5102.5
35°	7935.7	7940.1	7755.1	7442.2	7023.6	6820.9	6732.8	6679.9	6596.2	*6442.0*	5410.9
37.5°	8424.8	8398.4	8164.9	7794.7	7446.6	7279.2	7177.8	6953.1	6931.1	*6794.5*	5684.1
40°	8790.6	8764.1	8526.2	8103.2	7785.9	7649.3	7609.7	7270.4	7305.6	*7186.7*	5988.2
42.5°	8958.0	8962.4	8746.5	8363.1	8037.1	7971.0	8050.3	7636.1	7702.2	*7592.0*	6318.6
45°	8962.4	8940.4	8790.6	8486.5	8239.8	8186.9	8402.8	8050.3	8134.0	*8032.7*	6702.0
47.5°	8720.1	8720.1	8658.4	8477.7	8345.5	8349.9	8698.0	8468.9	8618.7	*8543.8*	7147.0
50°	8191.3	8235.4	8261.8	8297.0	8292.6	8464.5	8936.0	8905.1	9138.6	*9116.6*	7644.9
52.5°	6578.6	6763.7	7429.0	7856.4	8129.6	8451.3	9195.9	9354.6	9795.2	*9834.8*	8363.1
55°	5247.9	5292.0	5851.6	6953.1	7763.9	8341.1	9288.5	9861.3	10636.8	*10698.5*	9019.7
57.5°	4260.9	4366.6	4705.9	5759.0	6966.3	8094.4	9350.2	10134.5	11169.9	*11271.3*	9561.7
60°	3150.5	3212.2	3538.3	4410.7	5833.9	7517.1	9385.4	10385.6	11791.2	*11936.6*	10266.7
62.5°	2317.7	2322.1	2529.2	3080.0	4604.6	6569.8	9112.2	10588.3	12201.0	*12368.5*	10491.4
65°	1498.1	1515.8	1722.9	2198.7	3110.8	5384.5	8482.1	9795.2	11800.0	*12046.8*	10354.8
67.5°	1009.0	1039.9	1163.3	1401.2	2084.2	3842.3	6618.3	9068.1	12170.2	*12496.2*	10685.3
68°	*960.6*	*965.0*	*1061.9*	*1291.0*	*1855.0*	*3401.7*	*6362.7*	*8975.6*	*12187.8*	*12527.1*	*10645.6*
70°	762.3	771.1	832.8	956.2	1260.2	2084.2	5137.7	8200.1	11861.7	*12161.4*	10068.4
72.5°	581.6	594.8	634.5	683.0	819.6	1277.8	3005.1	6679.9	11002.5	*11429.9*	9116.6
75°	493.5	497.9	528.8	546.4	537.6	775.5	1687.6	5225.9	9359.0	*9751.1*	7486.3
77.5°	387.8	401.0	445.0	453.8	409.8	537.6	885.7	2983.1	5494.6	*5366.9*	3604.3
80°	277.6	286.4	321.7	304.0	321.7	370.1	418.6	1070.7	2286.9	*1996.1*	846.0
82.5°	96.9	110.2	220.3	211.5	211.5	167.4	189.5	467.1	594.8	*519.9*	211.5
85°	17.6	22.0	61.7	88.1	79.3	61.7	79.3	145.4	119.0	*101.3*	61.7
87.5°	4.4	4.4	8.8	8.8	8.8	13.2	22.0	30.8	35.3	*35.3*	35.3
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: P1365734
CATALOG NUMBER: GSS-SB2D-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5	2564.5
2.5°	2590.9	2524.8	2397.0	2282.5	2189.9	2101.8	2031.3	1982.8	1947.6	1930.0	1930.0
5°	2648.2	2507.2	2273.6	2066.6	1907.9	1802.2	1736.1	1696.4	1692.0	1687.6	1687.6
7.5°	2736.3	2538.0	2189.9	1930.0	1793.4	1736.1	1718.5	1714.0	1714.0	1722.9	1722.9
10°	2855.3	2590.9	2154.7	1881.5	1806.6	1789.0	1780.1	1793.4	1797.8	1802.2	1806.6
12.5°	2996.3	2657.0	2137.1	1903.5	1859.5	1850.6	1855.0	1850.6	1863.9	1872.7	1868.3
15°	3132.9	2740.7	2154.7	1947.6	1912.3	1907.9	1894.7	1903.5	1899.1	1894.7	1894.7
17.5°	3287.1	2837.7	2172.3	1982.8	1947.6	1930.0	1912.3	1903.5	1885.9	1881.5	1877.1
20°	3454.5	2934.6	2203.1	2013.7	1956.4	1916.7	1885.9	1850.6	1824.2	1811.0	1811.0
22.5°	3626.4	3035.9	2229.6	2018.1	1938.8	1868.3	1815.4	1771.3	1731.7	1705.2	1692.0
25°	3802.6	3137.3	2238.4	2000.5	1885.9	1802.2	1731.7	1678.8	1625.9	1599.5	1590.7
27.5°	3983.3	3225.4	2225.2	1956.4	1815.4	1722.9	1643.5	1586.3	1542.2	1511.4	1511.4
30°	4159.5	3309.1	2189.9	1894.7	1740.5	1648.0	1568.6	1515.8	1476.1	1449.7	1445.3
32.5°	4362.2	3392.8	2145.9	1815.4	1665.6	1581.9	1502.5	1454.1	1418.8	1405.6	1410.0
35°	4564.9	3467.8	2075.4	1740.5	1586.3	1515.8	1440.9	1401.2	1388.0	1379.2	1374.8
37.5°	4763.2	3520.6	1982.8	1648.0	1520.2	1436.5	1401.2	1361.5	1326.3	1282.2	1277.8
40°	4965.9	3564.7	1863.9	1555.4	1445.3	1379.2	1361.5	1308.7	1224.9	1150.0	1150.0
42.5°	5199.4	3608.8	1736.1	1467.3	1352.7	1321.9	1317.5	1233.8	1110.4	1057.5	1053.1
45°	5477.0	3639.6	1621.5	1383.6	1255.8	1242.6	1277.8	1167.7	1066.3	1022.3	1026.7
47.5°	5798.7	3710.1	1520.2	1291.0	1163.3	1185.3	1189.7	1106.0	1026.7	973.8	973.8
50°	6212.9	3833.5	1414.4	1172.1	1097.2	1145.6	1106.0	1044.3	960.6	929.7	925.3
52.5°	6763.7	3934.8	1326.3	1075.1	1053.1	1101.6	1048.7	982.6	912.1	868.0	863.6
55°	7182.3	3939.2	1242.6	1000.2	1022.3	1013.4	991.4	920.9	868.0	815.2	815.2
57.5°	7631.7	3912.8	1167.7	956.2	991.4	951.8	934.1	859.2	806.4	766.7	757.9
60°	8116.4	3864.3	1088.4	925.3	965.0	907.7	868.0	806.4	762.3	731.4	731.4
62.5°	8200.1	3630.8	991.4	916.5	934.1	863.6	801.9	753.5	709.4	691.8	691.8
65°	8045.9	3384.0	881.3	872.4	885.7	810.8	740.3	696.2	660.9	643.3	638.9
67.5°	8050.3	2983.1	793.1	819.6	797.5	749.1	678.6	638.9	594.8	581.6	581.6
68°	*7909.3*	*2886.1*	*762.3*	*810.8*	*779.9*	*731.4*	*660.9*	*616.9*	*577.2*	*572.8*	*572.8*
70°	7248.4	2339.7	652.1	749.1	727.0	669.8	581.6	559.6	533.2	528.8	533.2
72.5°	6331.8	1727.3	524.3	630.1	647.7	519.9	511.1	502.3	471.5	471.5	467.1
75°	4952.7	1260.2	396.6	497.9	480.3	475.9	436.2	431.8	405.4	401.0	392.2
77.5°	2247.2	643.3	268.8	330.5	383.3	423.0	365.7	352.5	334.9	334.9	330.5
80°	630.1	330.5	180.7	189.5	233.5	343.7	286.4	260.0	273.2	264.4	229.1
82.5°	193.9	136.6	110.2	119.0	110.2	198.3	211.5	163.0	145.4	154.2	163.0
85°	66.1	61.7	52.9	57.3	48.5	79.3	92.5	61.7	66.1	66.1	57.3
87.5°	35.3	35.3	26.4	22.0	17.6	13.2	8.8	8.8	4.4	4.4	4.4
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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

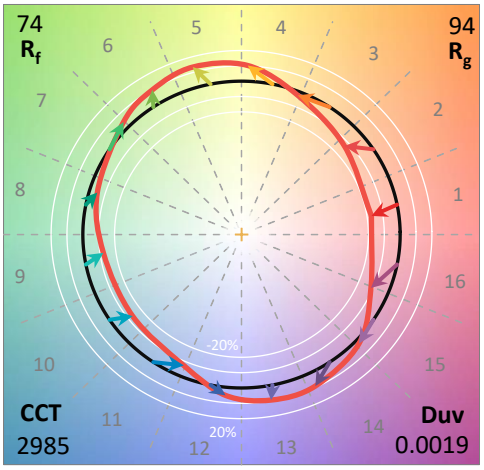
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

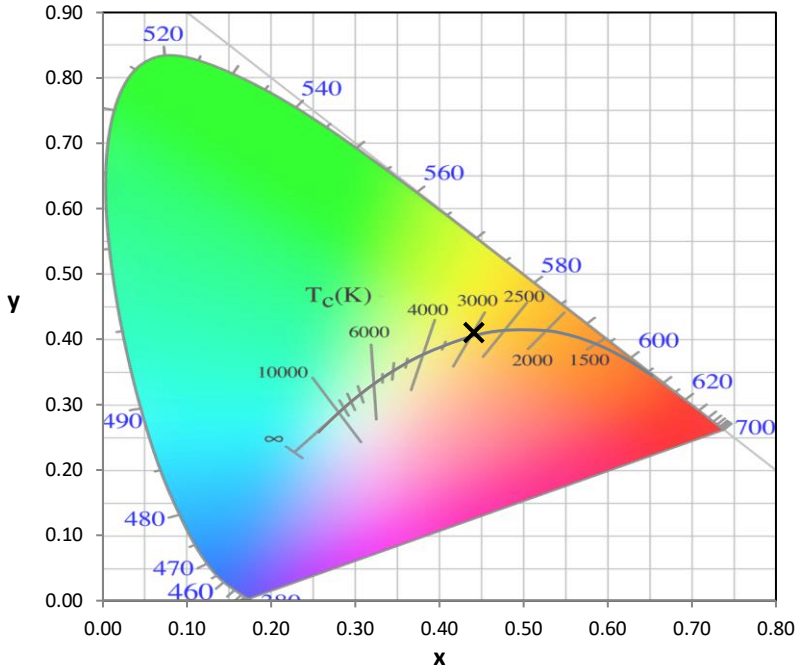
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

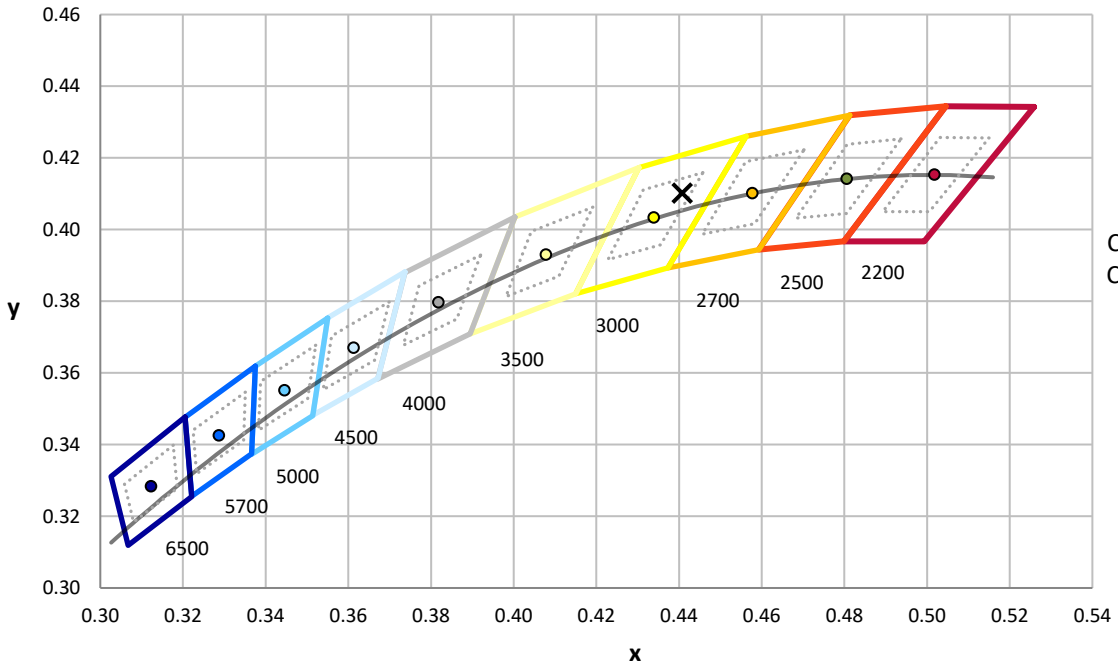
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

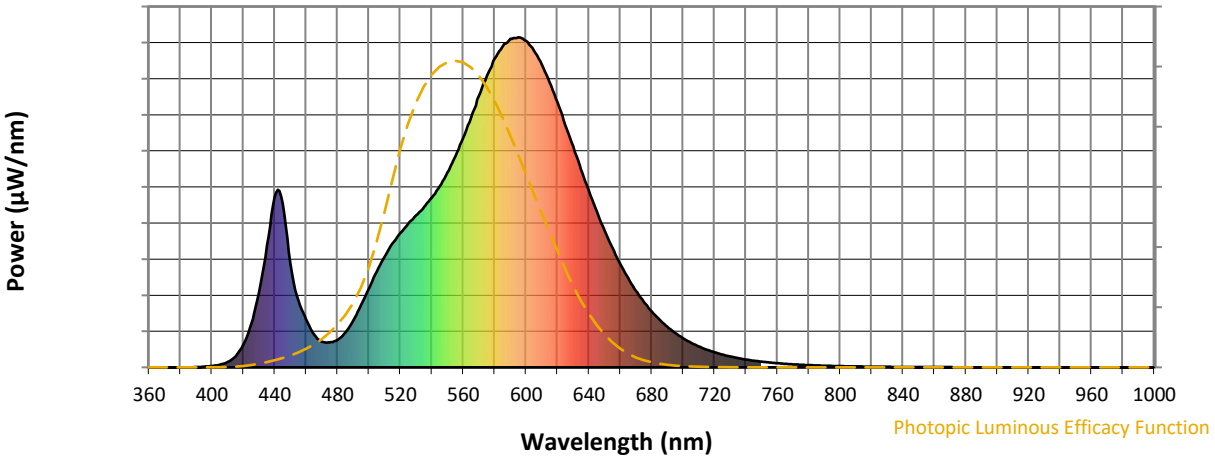


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

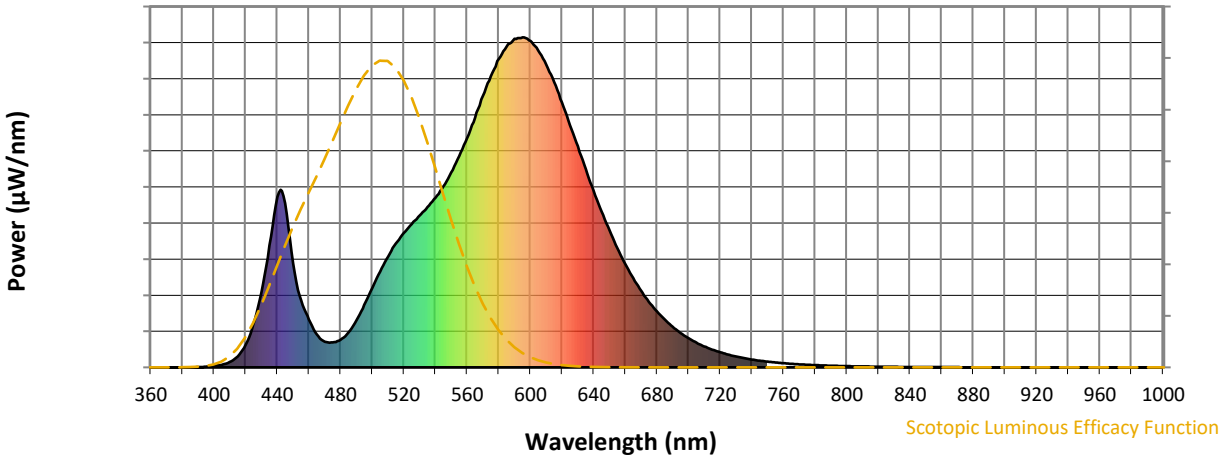


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

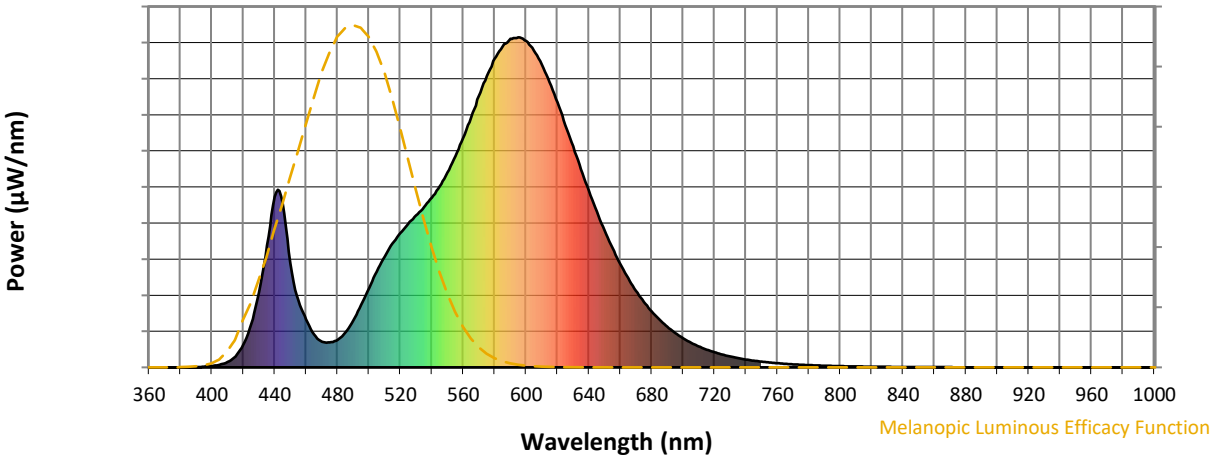


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

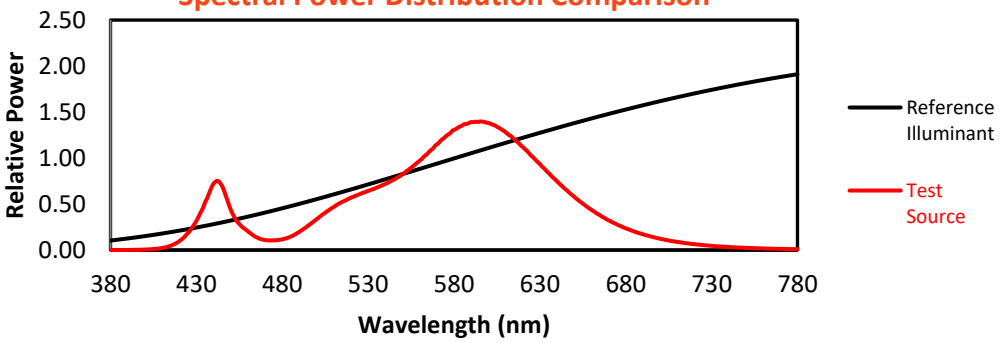
REPORT NUMBER: SP1-2407-184-4

TM-30-18

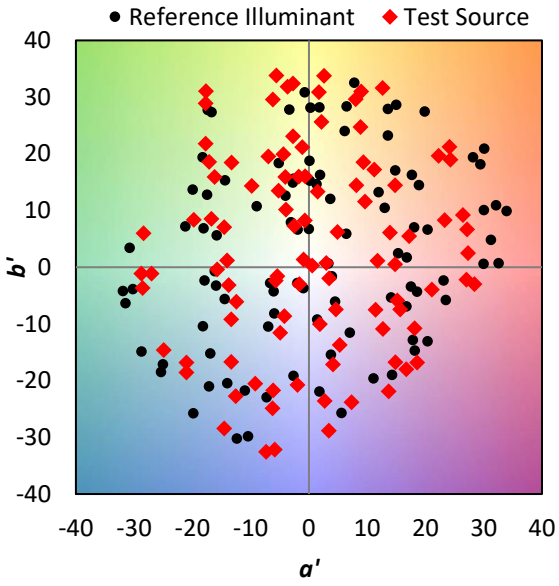
Summary

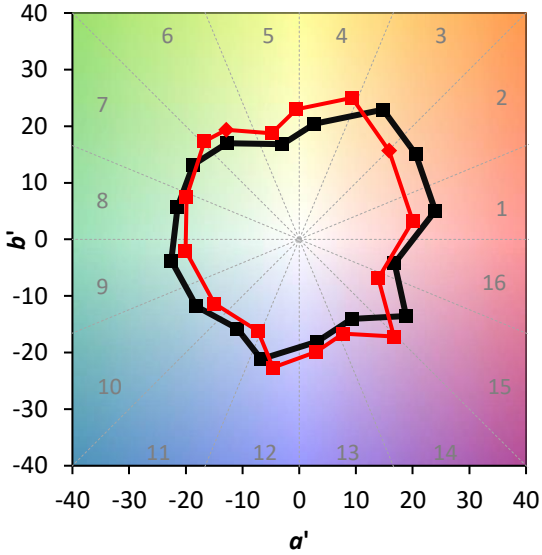
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

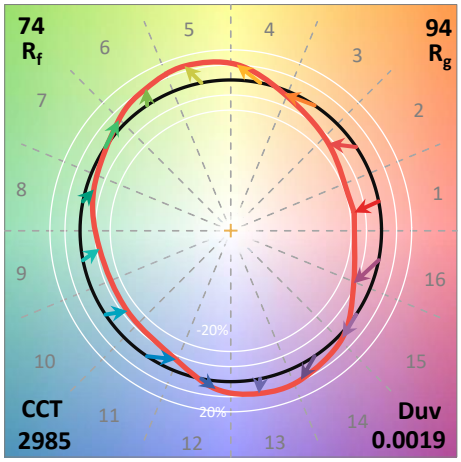
Spectral Power Distribution Comparison

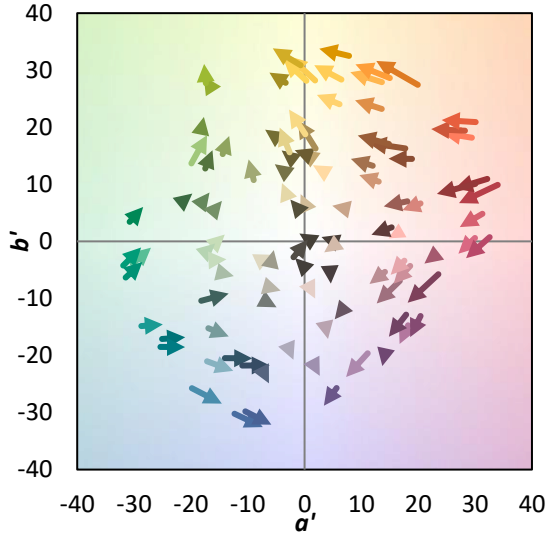


Color Vector Graphics







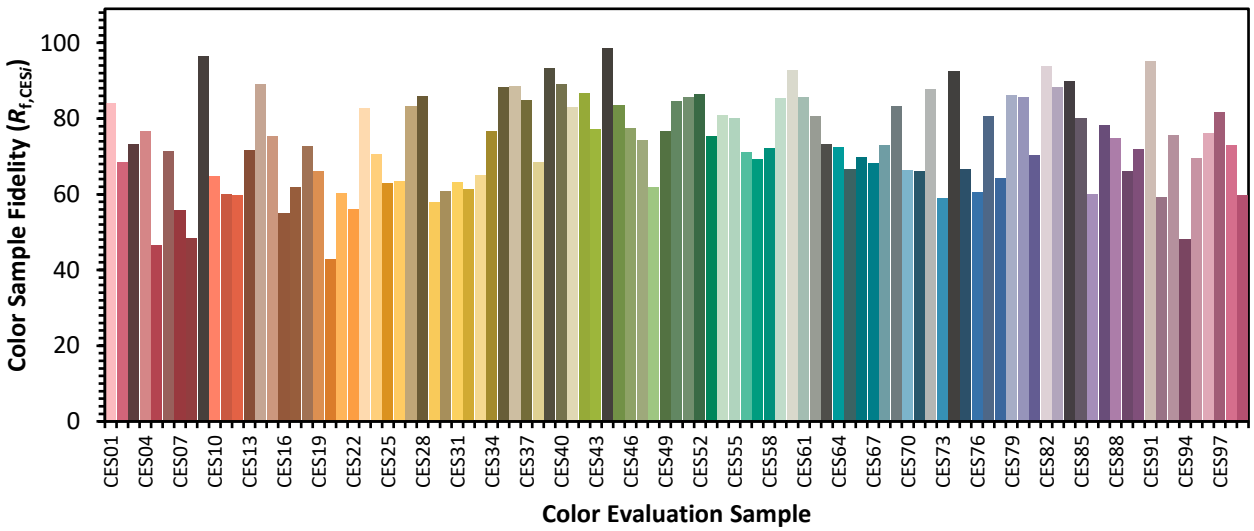


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

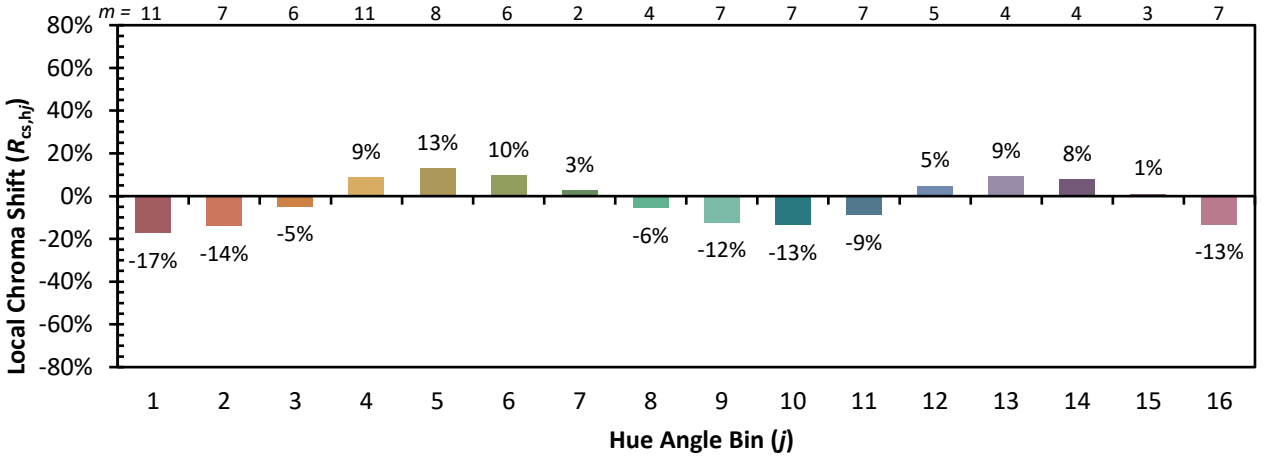
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

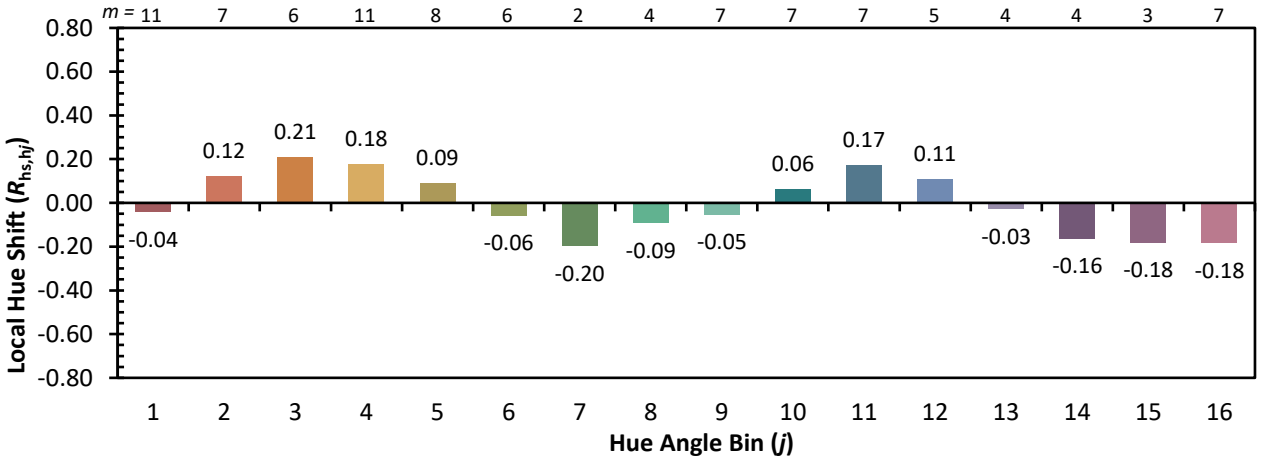


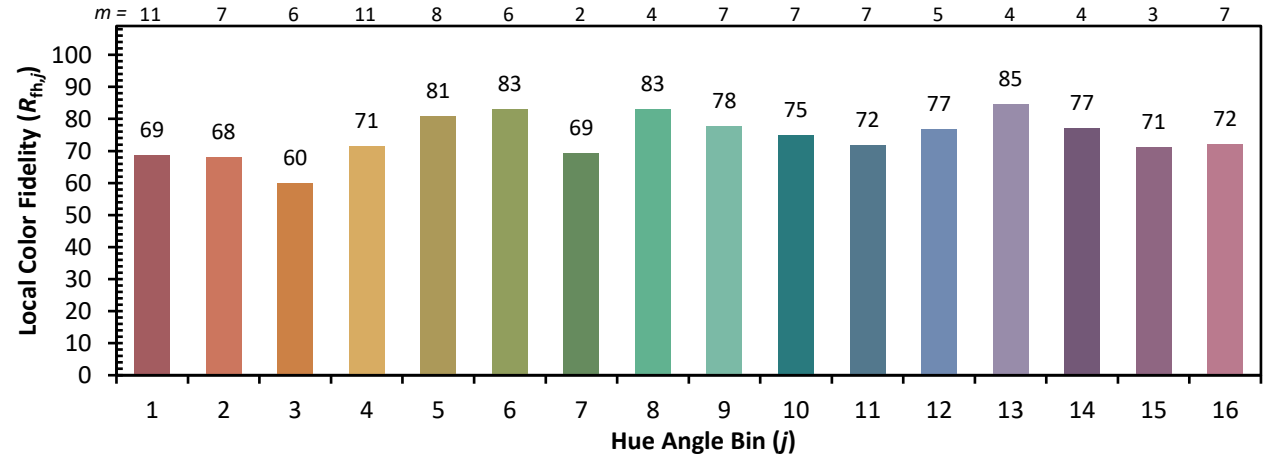
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



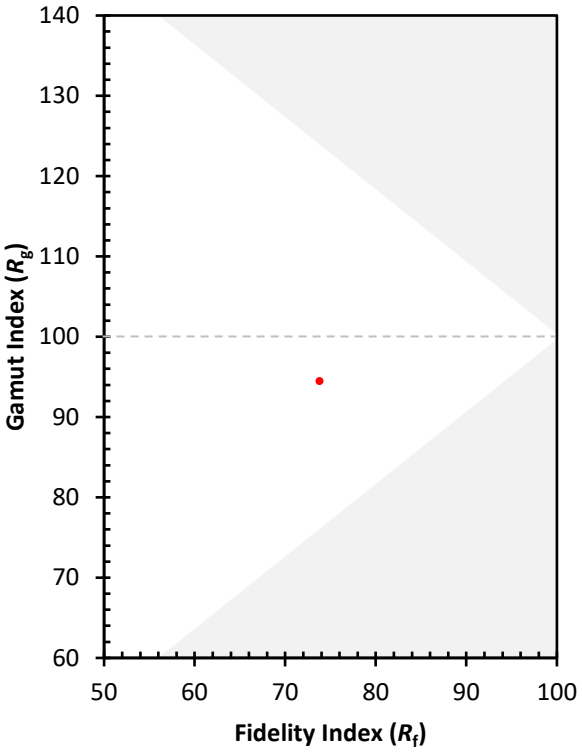


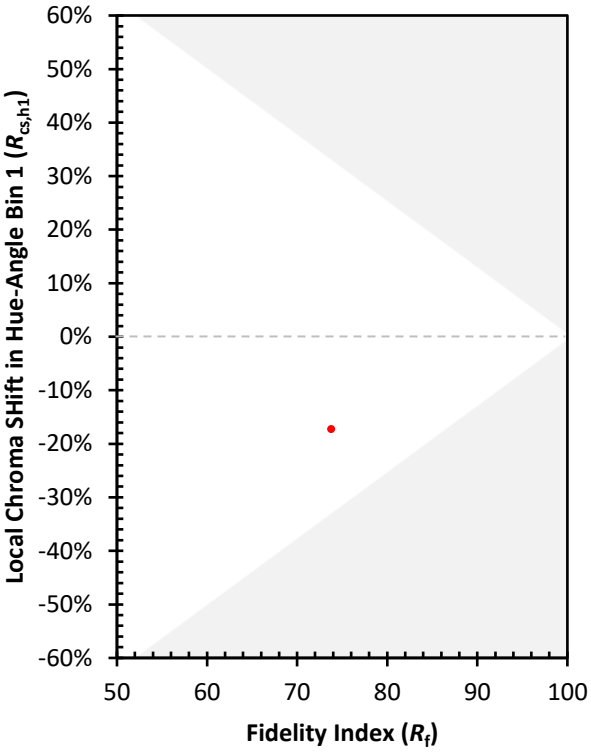


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)