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: P1363367

Luminaire Tested: **GSS-SB5A-740-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:	P1363367
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-740-U-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 4000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21459.3 lumens
Efficiency:	N/A
Efficacy:	150.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

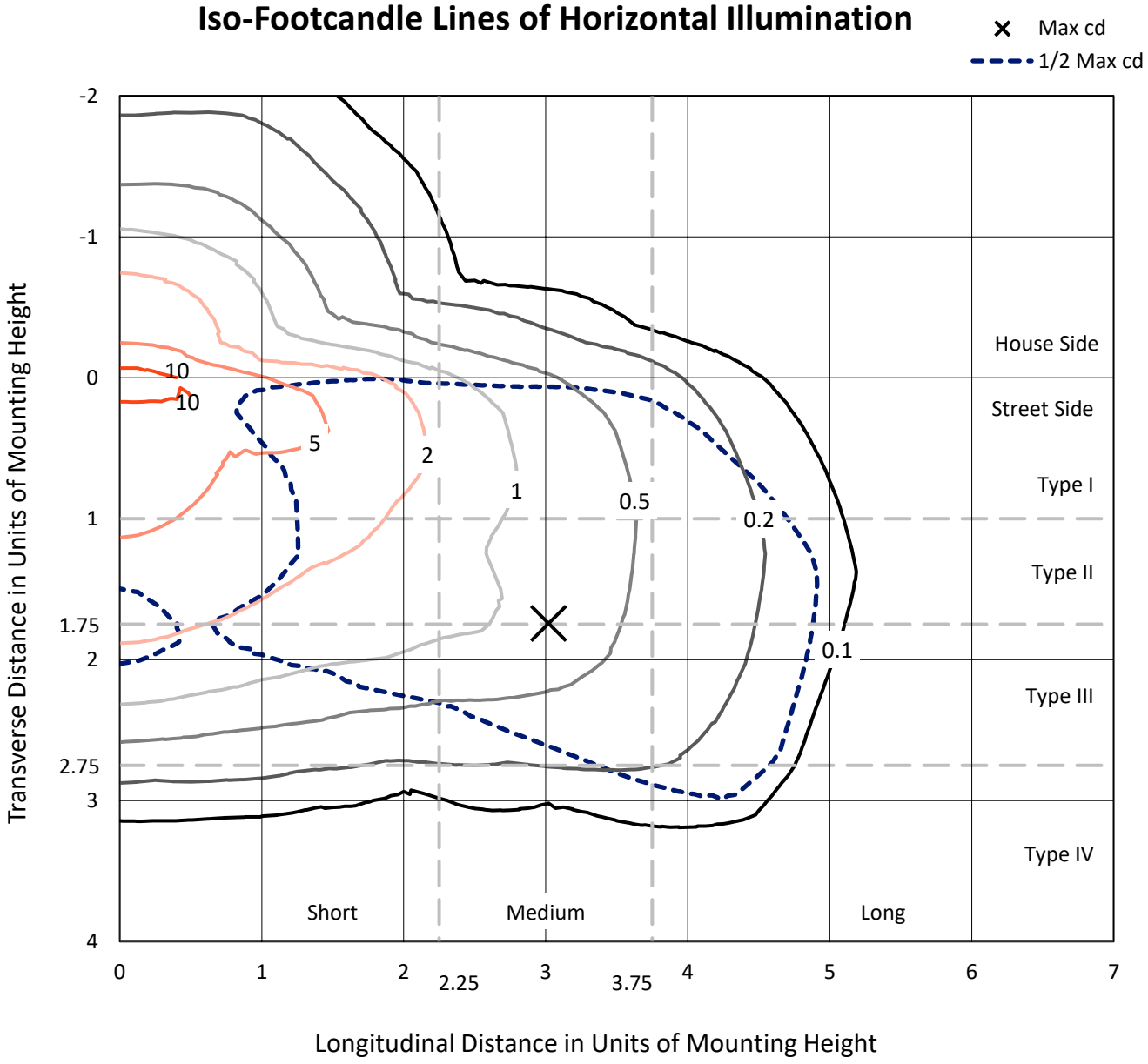
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



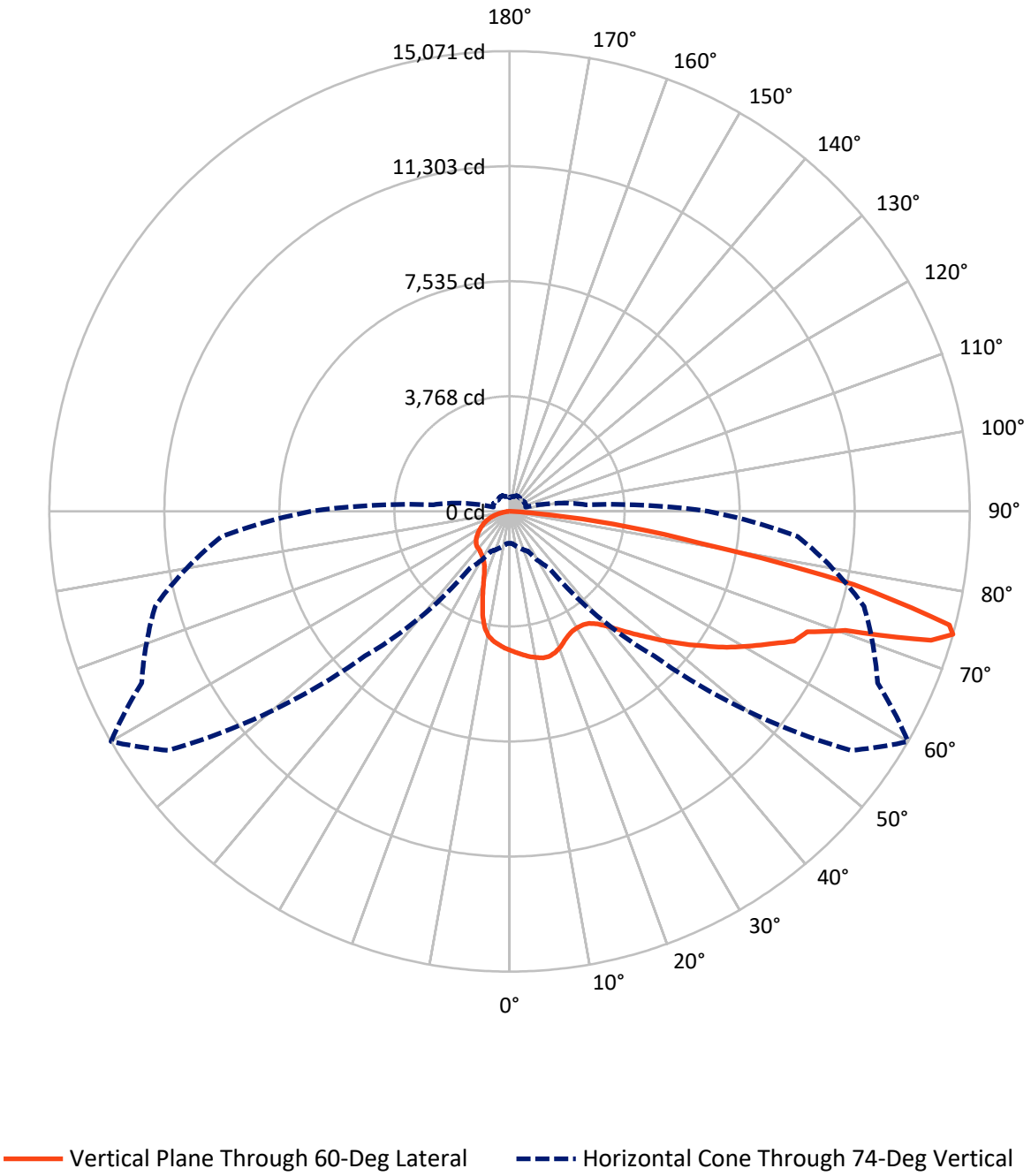
Based on 20 foot mounting height. Maximum calculated value = 11.4 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

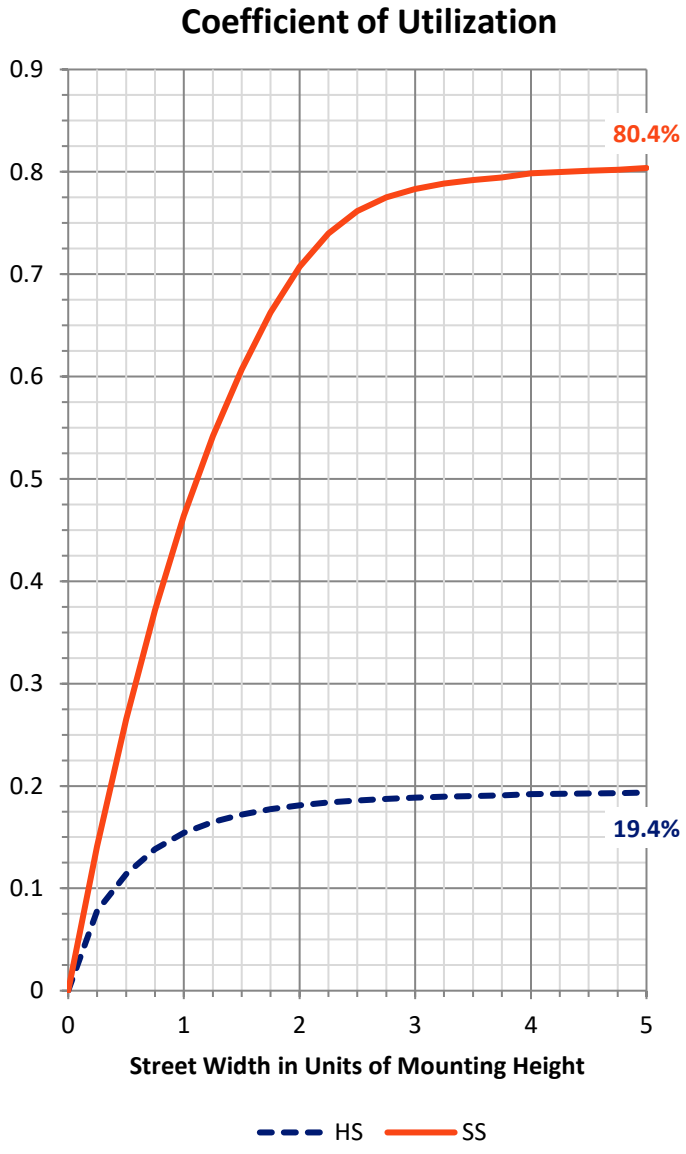
REPORT NUMBER: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4188.8	0.0	4188.8
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	17270.5	0.0	17270.5
	% Fixture	80.5	0.0	80.5
Total	Lumens	21459.3	0.0	21459.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	418.8	2.0
10°-20°	1027.7	4.8
20°-30°	1536.5	7.2
30°-40°	2190.3	10.2
40°-50°	3149.4	14.7
50°-60°	4216.9	19.7
60°-70°	4951.8	23.1
70°-80°	3531.9	16.5
80°-90°	435.9	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°	21459.3	100.0
0°-180°	21459.3	100.0



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

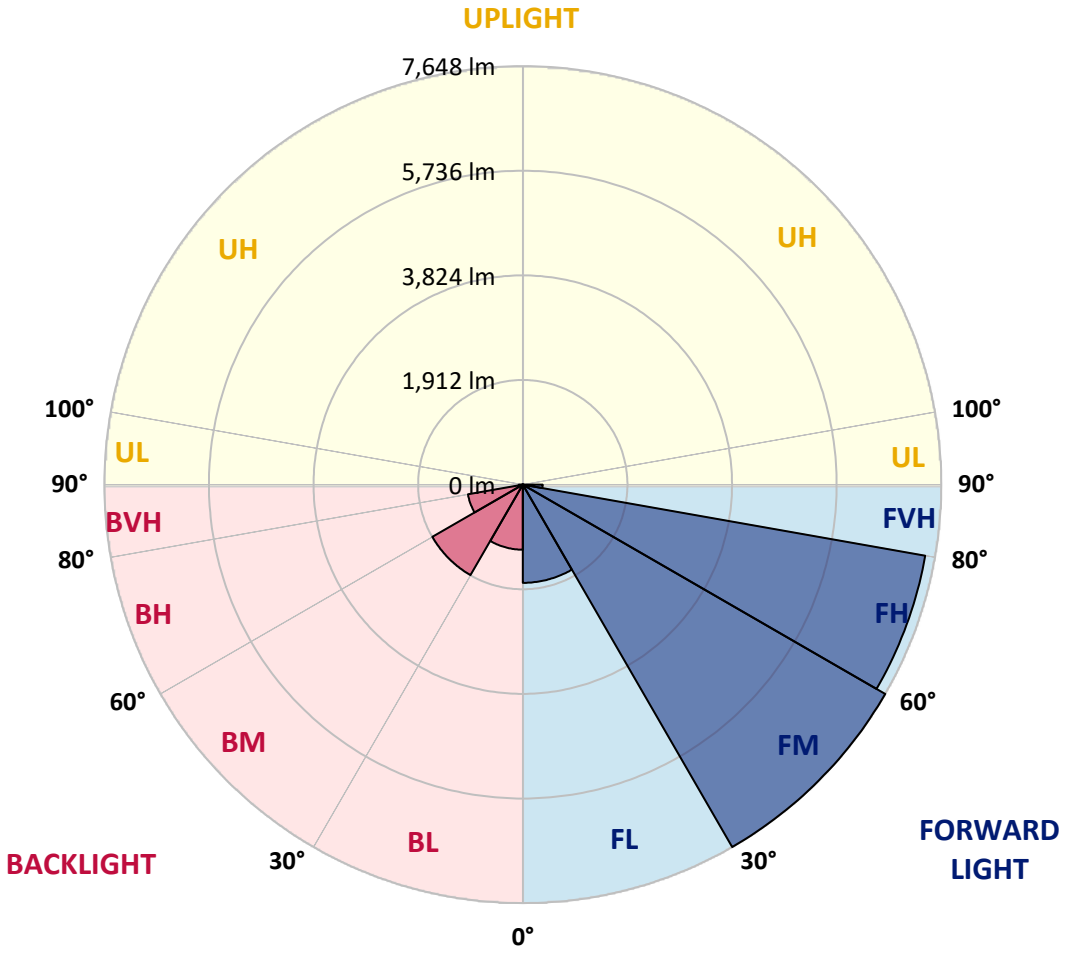
Scaled Data Report

REPORT NUMBER: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1794.3	8.4			
FM	(30°-60°)	7647.6	35.6			
FH	(60°-80°)	7466.4	34.8			G3/7500
FVH	(80°-90°)	362.2	1.7			G3/500
BL	(0°-30°)	1188.7	5.5	B3/2500		
BM	(30°-60°)	1909.1	8.9	B2/2500		
BH	(60°-80°)	1017.3	4.7	B3/2500		G3/2500
BVH	(80°-90°)	73.6	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-G3
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6
2.5°	4695.9	4701.2	4679.9	4663.8	4663.8	4637.1	4637.1	4637.1	4610.4	4605.1	4567.7
5°	4749.3	4744.0	4733.3	4738.6	4744.0	4733.3	4738.6	4722.6	4685.2	4674.5	4615.8
7.5°	4599.7	4599.7	4626.4	4679.9	4754.7	4792.1	4813.4	4802.7	4786.7	4754.7	4669.2
10°	4060.2	4097.6	4177.7	4354.0	4573.0	4754.7	4872.2	4866.8	4872.2	4829.4	4733.3
12.5°	3584.7	3600.7	3675.5	3830.4	4145.6	4535.6	4861.5	4925.6	4941.6	4914.9	4797.4
15°	3328.3	3322.9	3381.7	3504.6	3745.0	4172.3	4744.0	4920.3	5016.4	5011.1	4888.2
17.5°	3216.1	3221.4	3253.5	3333.6	3509.9	3862.5	4535.6	4856.2	5053.8	5117.9	4973.7
20°	3269.5	3253.5	3269.5	3285.5	3381.7	3659.5	4311.2	4744.0	5085.9	5219.4	5069.9
22.5°	3381.7	3365.7	3360.3	3349.6	3371.0	3542.0	4108.2	4605.1	5112.6	5353.0	5182.0
25°	3579.3	3563.3	3515.2	3456.5	3429.8	3504.6	3974.7	4487.5	5139.3	5540.0	5326.3
27.5°	3862.5	3841.1	3771.7	3632.8	3547.3	3558.0	3931.9	4423.4	5187.4	5721.6	5465.2
30°	4284.5	4273.8	4118.9	3894.5	3718.2	3654.1	3953.3	4407.4	5240.8	5930.0	5604.1
32.5°	4663.8	4653.2	4535.6	4284.5	3990.7	3809.1	4006.7	4428.8	5310.3	6197.1	5807.1
35°	4973.7	4952.3	4856.2	4663.8	4364.7	4044.1	4124.3	4503.6	5459.8	6549.7	6052.8
37.5°	5288.9	5272.9	5139.3	4936.3	4749.3	4370.0	4321.9	4674.5	5662.9	7030.5	6410.8
40°	5668.2	5646.8	5486.6	5246.1	5080.5	4813.4	4605.1	4947.0	5972.7	7580.7	6816.8
42.5°	6031.5	6010.1	5823.1	5614.8	5406.4	5240.8	5005.7	5310.3	6357.4	8280.6	7297.6
45°	6453.5	6453.5	6191.7	5962.0	5743.0	5540.0	5385.0	5727.0	6806.1	9071.2	7831.8
47.5°	6848.8	6811.4	6555.0	6303.9	6090.2	5705.6	5748.3	6165.0	7308.3	9872.6	8408.8
50°	6977.1	6966.4	6795.4	6571.0	6389.4	5908.6	6122.3	6688.6	7874.6	10636.5	8953.7
52.5°	7126.6	7078.6	6832.8	6800.8	6592.4	6165.0	6581.7	7228.1	8392.8	11331.0	9391.8
55°	7313.6	7260.2	6923.6	6859.5	6747.3	6453.5	7105.3	7783.7	8884.3	11870.6	9803.1
57.5°	7655.5	7591.4	7116.0	6977.1	6886.2	6816.8	7698.3	8398.1	9381.1	12292.7	10155.7
60°	7853.2	7799.8	7393.8	7292.3	7158.7	7319.0	8334.0	8964.4	9851.2	12618.5	10428.2
62.5°	7751.7	7714.3	7431.2	7623.5	7730.3	7981.4	9060.6	9552.1	10225.2	12864.3	10438.9
65°	7228.1	7153.4	6961.0	7543.3	8387.4	9098.0	9984.8	10241.2	10470.9	12201.8	9808.5
67.5°	5972.7	5897.9	6010.1	6608.4	8013.5	10818.2	11256.3	10519.0	10027.5	11598.2	9717.7
70°	2713.9	2591.0	3269.5	4674.5	6629.8	10444.2	13024.6	11673.0	10476.3	11544.7	9536.0
72.5°	1330.2	1383.7	1597.4	2099.5	4054.8	8018.8	14360.1	14434.9	11998.8	11683.6	9664.2
74°	1041.8	1057.8	1234.1	1442.4	2265.1	6693.9	13644.3	15070.7	13297.0	12014.9	9466.6
75°	897.5	918.9	1095.2	1202.0	1458.5	5636.1	12736.1	14878.3	13890.0	11950.8	9028.5
77.5°	657.1	651.8	780.0	956.3	683.8	2510.9	10316.0	11528.7	11843.9	9733.7	6020.8
80°	406.0	422.0	539.6	667.8	454.1	956.3	6063.5	6298.6	5604.1	5636.1	2922.2
82.5°	245.7	256.4	288.5	347.3	251.1	336.6	2745.9	3424.4	2836.8	1843.1	491.5
85°	74.8	80.1	96.2	122.9	90.8	122.9	924.2	833.4	593.0	245.7	144.2
87.5°	5.3	5.3	10.7	10.7	16.0	26.7	37.4	42.7	48.1	53.4	53.4
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: P1363367
CATALOG NUMBER: GSS-SB5A-740-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6	4551.6
2.5°	4567.7	4551.6	4530.3	4492.9	4466.2	4439.5	4407.4	4359.3	4343.3	4348.6	4359.3
5°	4605.1	4562.3	4498.2	4412.7	4348.6	4295.2	4209.7	4140.3	4097.6	4097.6	4076.2
7.5°	4642.5	4583.7	4482.2	4338.0	4225.8	4076.2	3915.9	3755.6	3643.5	3595.4	3552.6
10°	4706.6	4615.8	4450.1	4257.8	4017.4	3718.2	3392.4	3061.1	2852.8	2745.9	2740.6
12.5°	4749.3	4658.5	4434.1	4124.3	3670.2	3103.9	2607.0	2334.6	2249.1	2211.7	2201.0
15°	4818.8	4695.9	4396.7	3878.5	3135.9	2457.5	2185.0	2104.9	2099.5	2104.9	2110.2
17.5°	4877.5	4727.9	4300.6	3488.5	2516.2	2136.9	2067.5	2062.1	2099.5	2115.6	2131.6
20°	4941.6	4754.7	4129.6	2943.6	2169.0	2040.8	2030.1	2062.1	2115.6	2158.3	2163.6
22.5°	5032.5	4776.0	3830.4	2404.0	2003.4	1987.3	2014.1	2046.1	2078.2	2115.6	2126.2
25°	5128.6	4776.0	3419.1	2035.4	1917.9	1960.6	1987.3	1960.6	1949.9	1982.0	1982.0
27.5°	5203.4	4738.6	2836.8	1837.8	1859.1	1928.6	1912.5	1853.8	1843.1	1864.5	1859.1
30°	5256.8	4599.7	2249.1	1730.9	1800.4	1859.1	1816.4	1784.3	1763.0	1768.3	1773.6
32.5°	5337.0	4386.0	1843.1	1656.1	1752.3	1746.9	1741.6	1709.5	1682.8	1688.2	1693.5
35°	5433.1	4033.4	1613.4	1602.7	1709.5	1666.8	1672.1	1634.7	1602.7	1602.7	1608.0
37.5°	5556.0	3611.4	1517.2	1581.3	1640.1	1634.7	1618.7	1570.6	1522.6	1511.9	1511.9
40°	5689.6	3093.2	1469.1	1570.6	1608.0	1624.1	1592.0	1533.2	1405.0	1324.9	1319.6
42.5°	5775.0	2665.8	1453.1	1554.6	1602.7	1618.7	1576.0	1394.3	1271.5	1218.0	1212.7
45°	5897.9	2430.8	1453.1	1511.9	1581.3	1597.4	1447.8	1324.9	1255.4	1228.7	1234.1
47.5°	6020.8	2430.8	1453.1	1479.8	1522.6	1543.9	1346.3	1292.8	1228.7	1228.7	1250.1
50°	6191.7	2564.3	1442.4	1431.7	1447.8	1367.6	1282.2	1239.4	1153.9	1121.9	1127.2
52.5°	6448.2	2767.3	1399.7	1362.3	1367.6	1266.1	1239.4	1175.3	1089.8	1025.7	1009.7
55°	6726.0	2986.4	1314.2	1282.2	1276.8	1202.0	1191.3	1121.9	1041.8	956.3	940.2
57.5°	7030.5	3162.6	1207.4	1202.0	1186.0	1137.9	1153.9	1105.9	993.7	881.5	865.5
60°	7319.0	3360.3	1105.9	1116.5	1089.8	1079.1	1100.5	1068.5	929.6	806.7	796.0
62.5°	7319.0	3355.0	1015.0	1025.7	1020.4	993.7	1031.1	1009.7	844.1	742.6	731.9
65°	6918.3	3205.4	908.2	934.9	956.3	902.9	950.9	913.5	769.3	689.2	673.1
67.5°	6864.9	3146.6	801.3	828.1	865.5	806.7	838.7	801.3	699.8	630.4	619.7
70°	6758.0	3013.1	705.2	737.2	753.3	689.2	731.9	705.2	630.4	577.0	566.3
72.5°	6811.4	2895.5	603.7	641.1	646.4	587.7	630.4	619.7	555.6	518.2	496.8
74°	*6512.3*	*2505.5*	*544.9*	*577.0*	*566.3*	*523.5*	*560.9*	*560.9*	*502.2*	*475.5*	*448.8*
75°	6116.9	2222.4	502.2	534.2	507.5	480.8	518.2	523.5	464.8	464.8	422.0
77.5°	4017.4	1490.5	395.3	416.7	406.0	390.0	411.4	406.0	363.3	352.6	325.9
80°	1966.0	817.4	299.2	288.5	293.8	288.5	304.5	299.2	277.8	267.1	261.8
82.5°	368.6	272.5	197.7	192.3	181.6	171.0	192.3	192.3	256.4	288.5	288.5
85°	112.2	106.8	96.2	96.2	90.8	80.1	85.5	122.9	149.6	101.5	96.2
87.5°	48.1	48.1	42.7	37.4	26.7	26.7	21.4	21.4	21.4	21.4	21.4
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

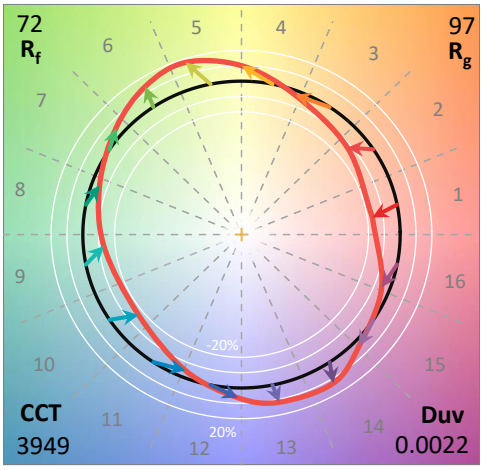
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

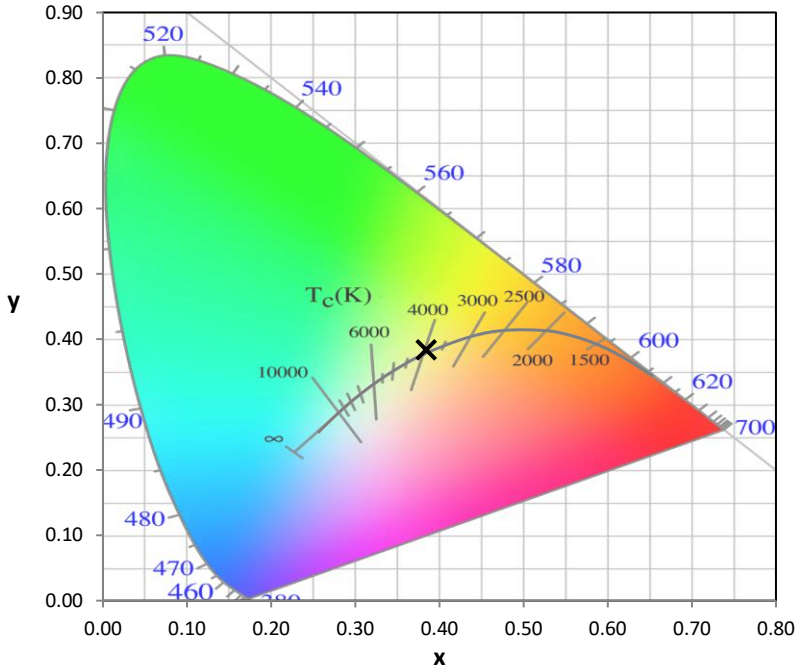
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

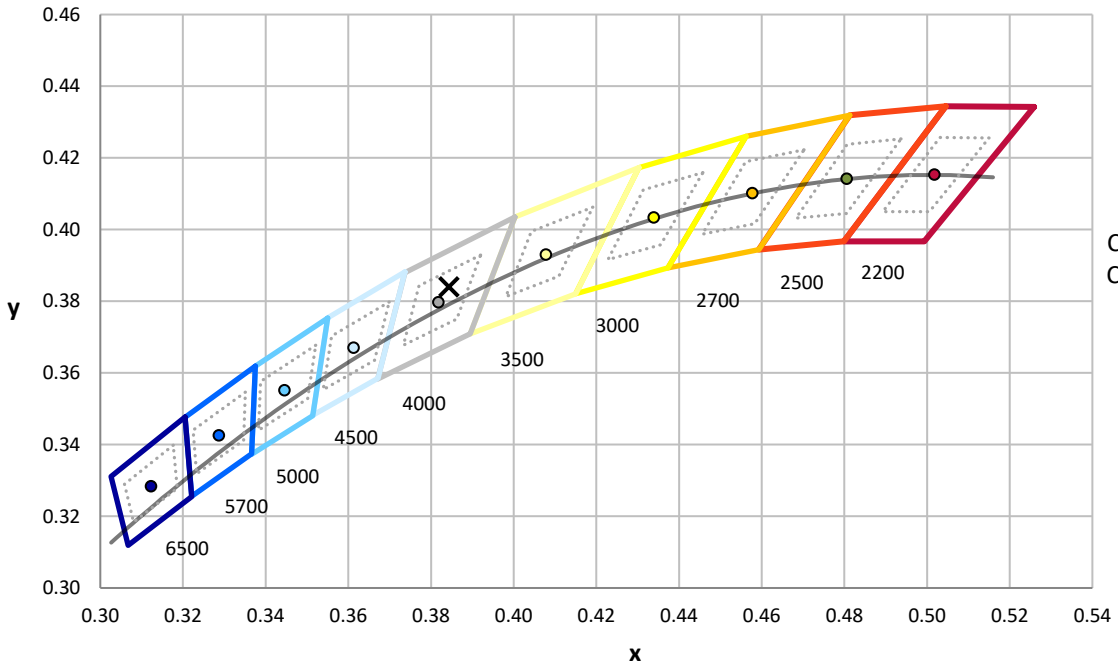
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

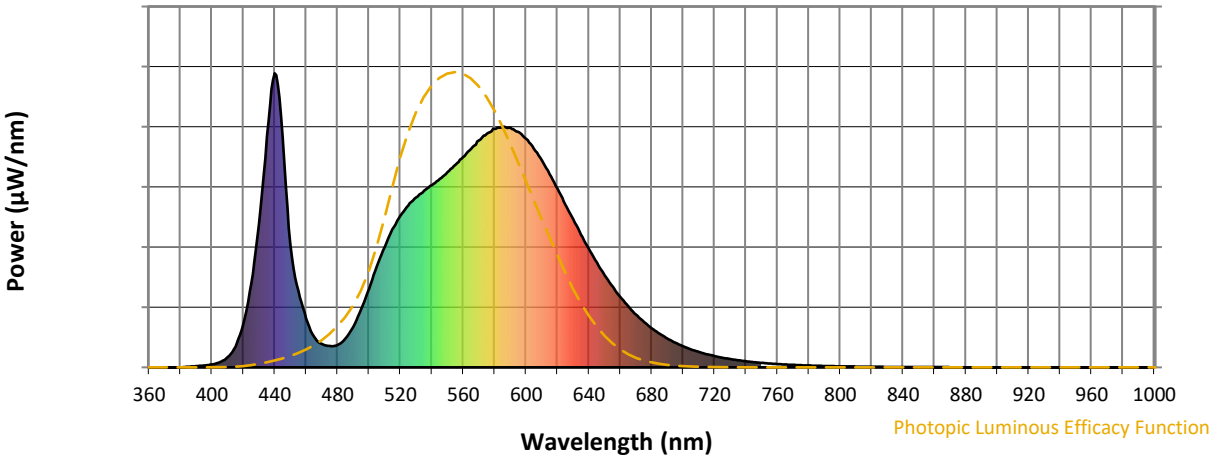


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

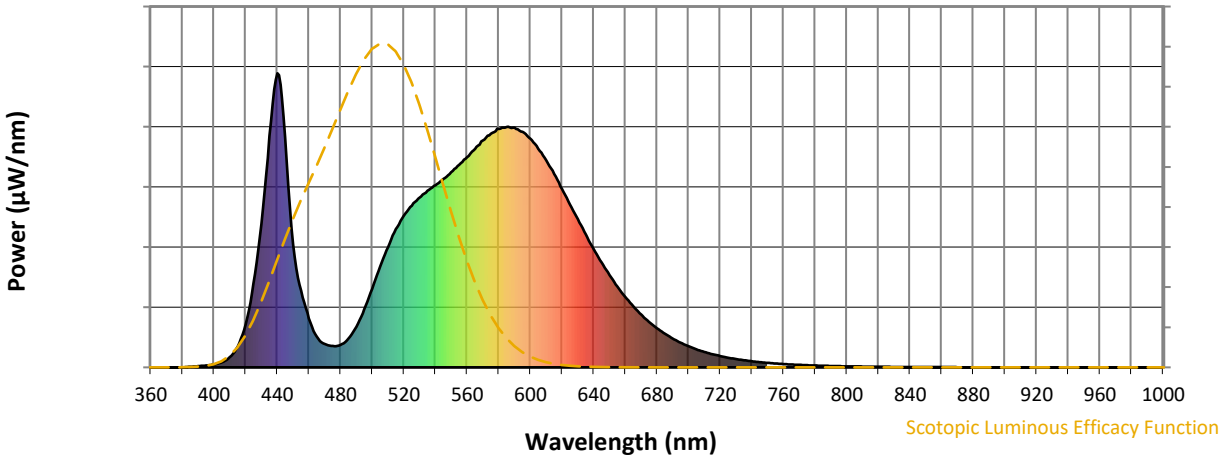


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

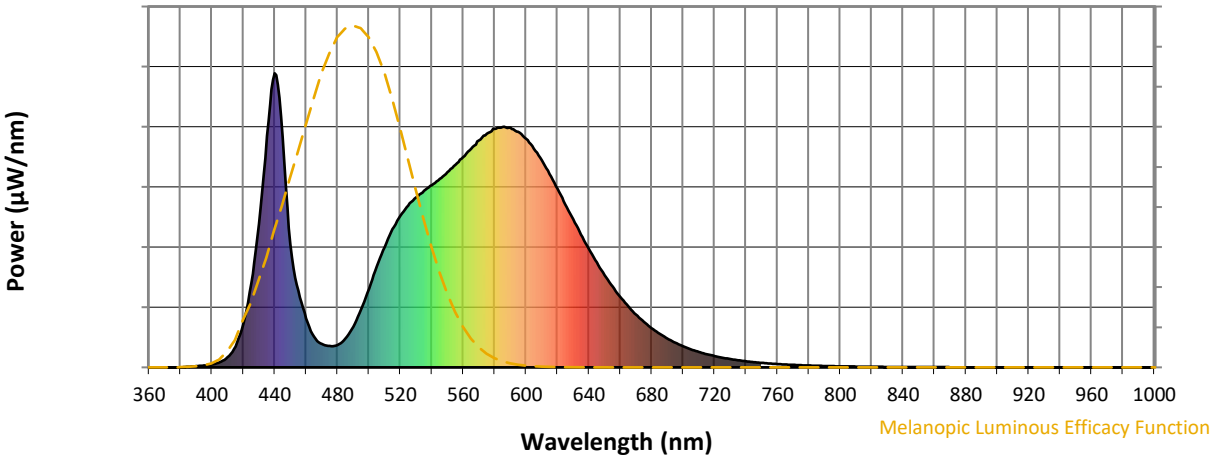


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

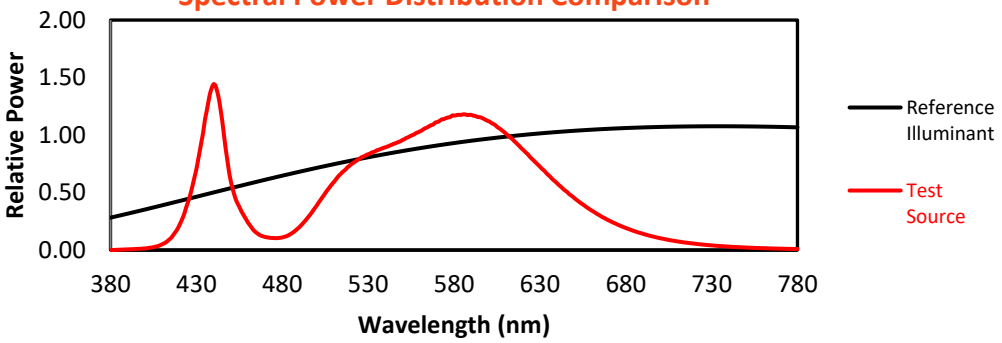
REPORT NUMBER: SP1-2407-184-1

TM-30-18

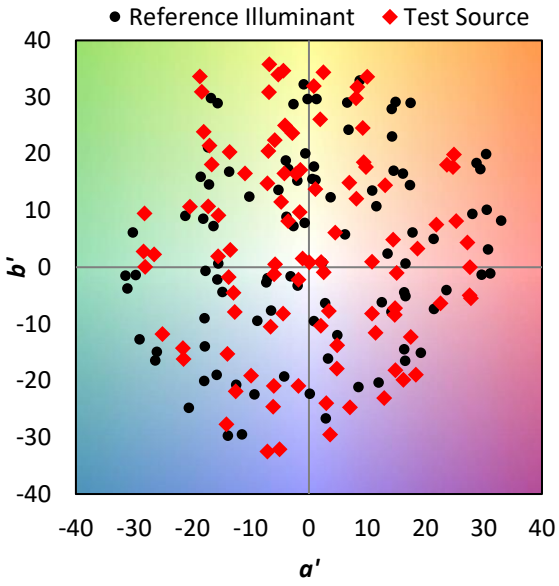
Summary

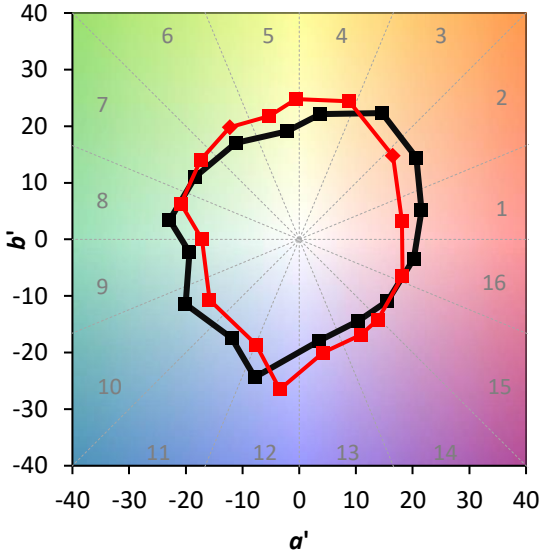
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

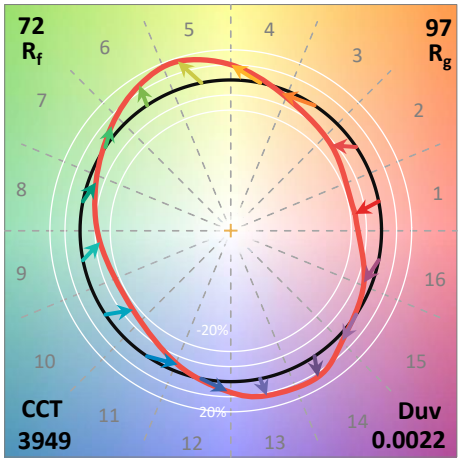
Spectral Power Distribution Comparison

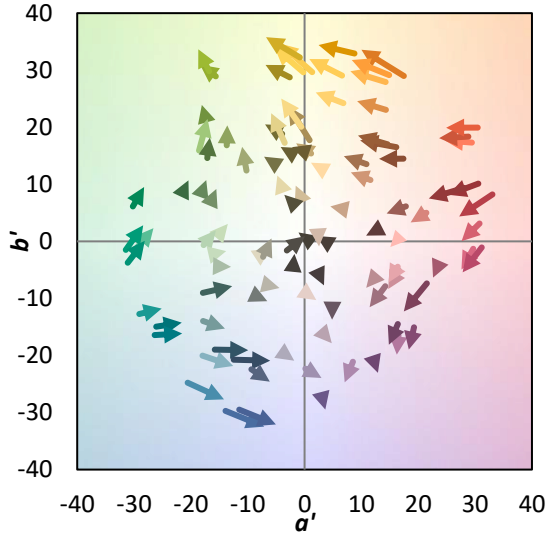


Color Vector Graphics







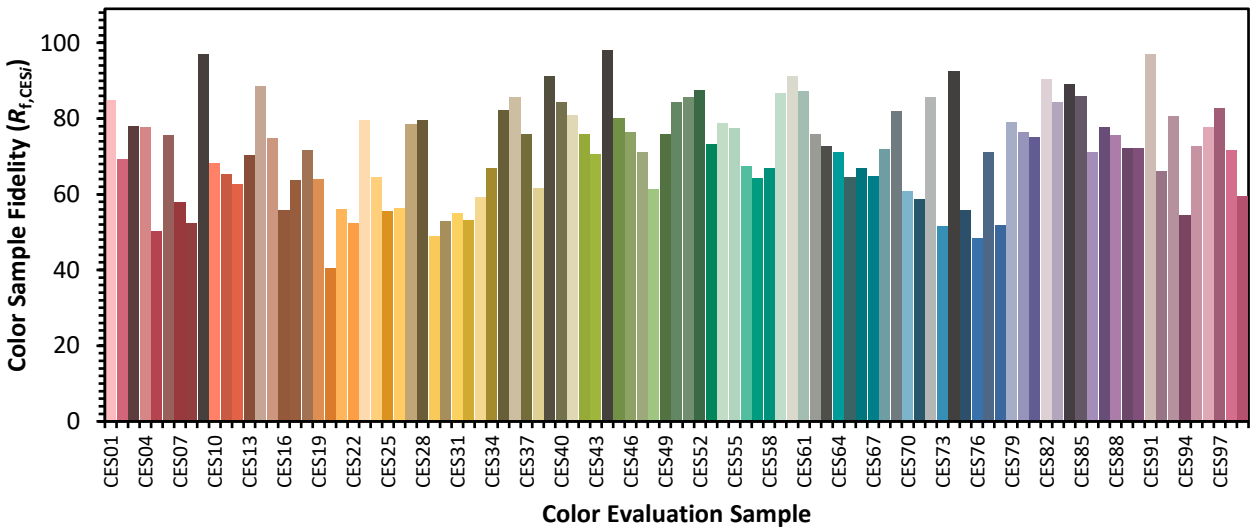


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

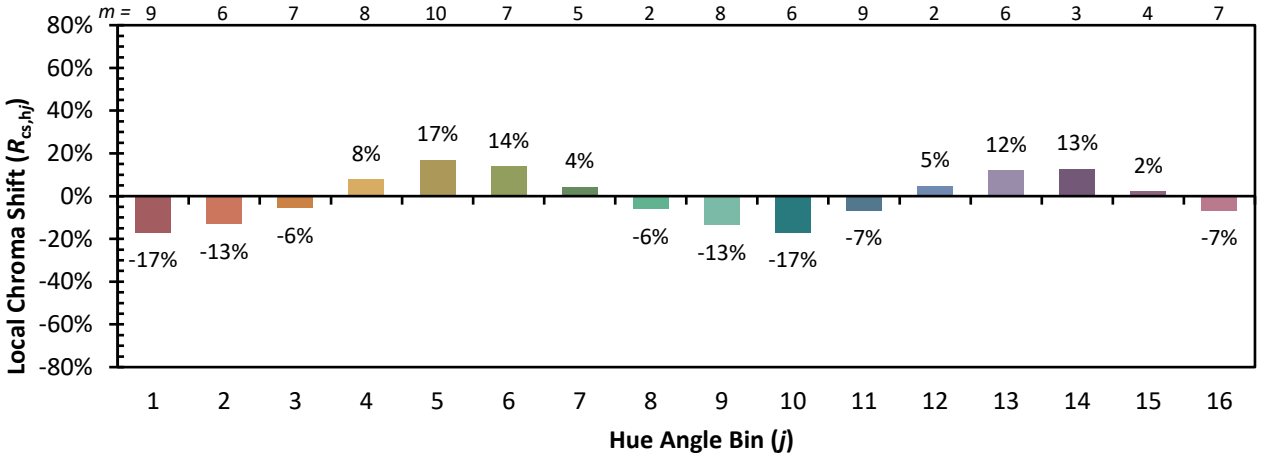
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

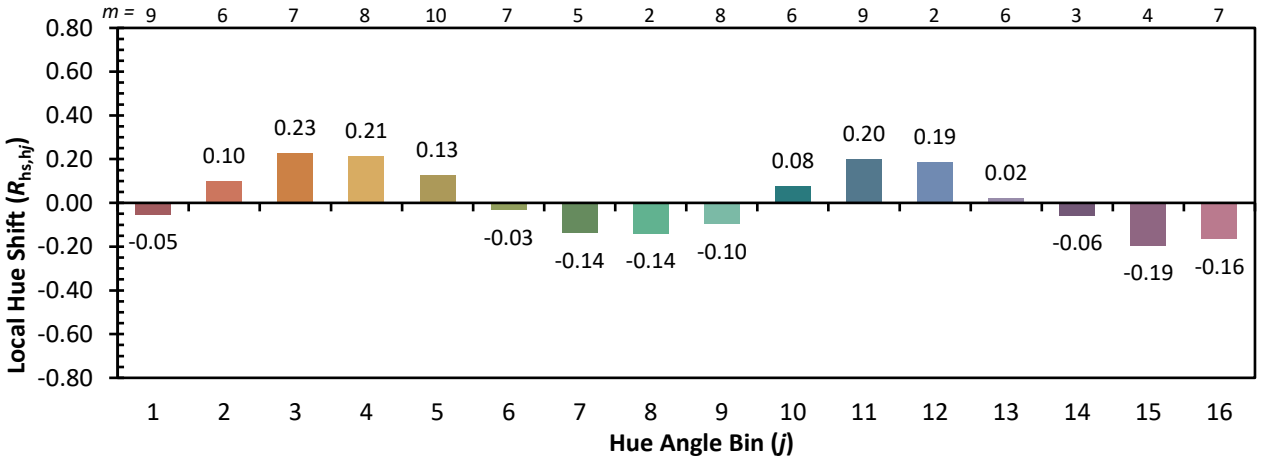


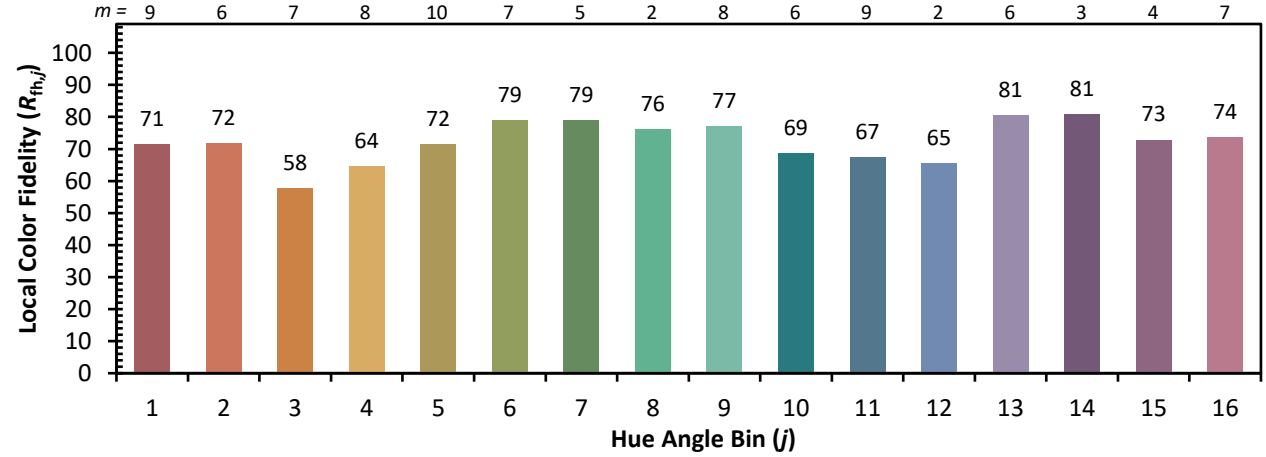
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



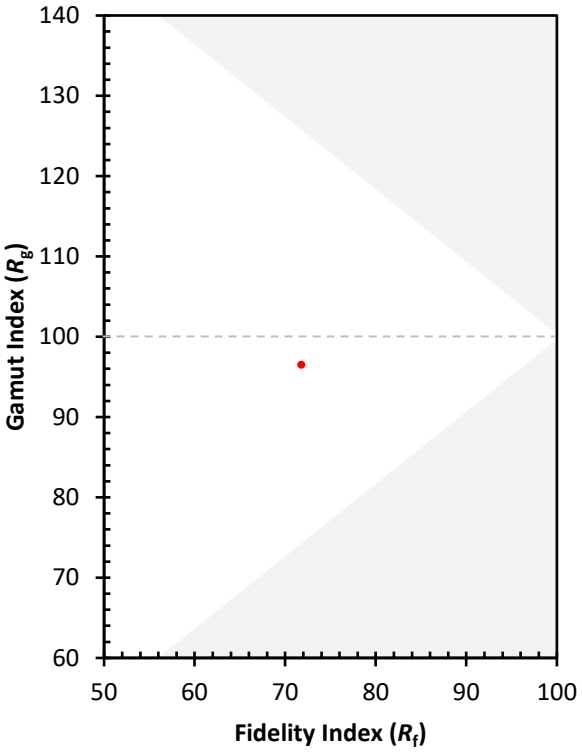


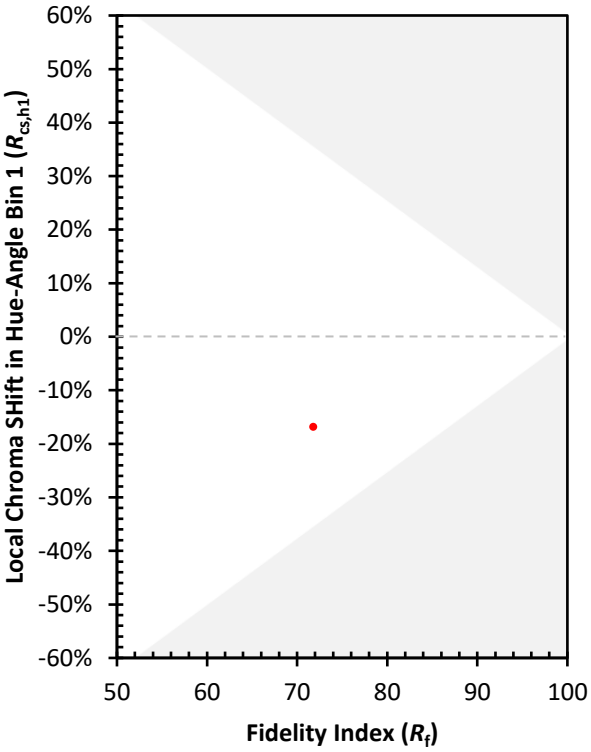


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)