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: P1365743

Luminaire Tested: **GSS-SB5A-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:	P1365743
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-730-U-T2R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(130) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21839.3 lumens
Efficiency:	N/A
Efficacy:	152.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

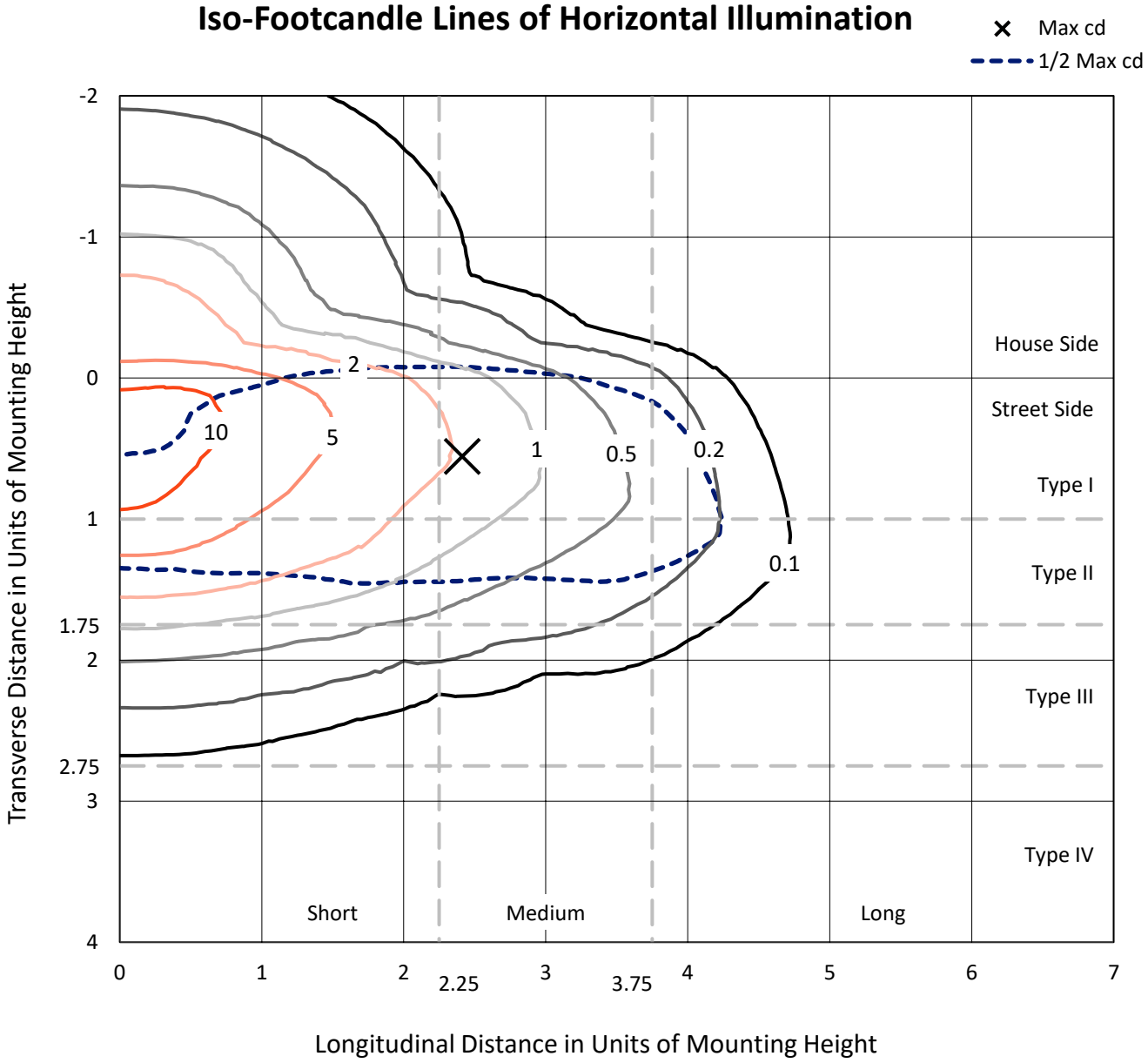
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



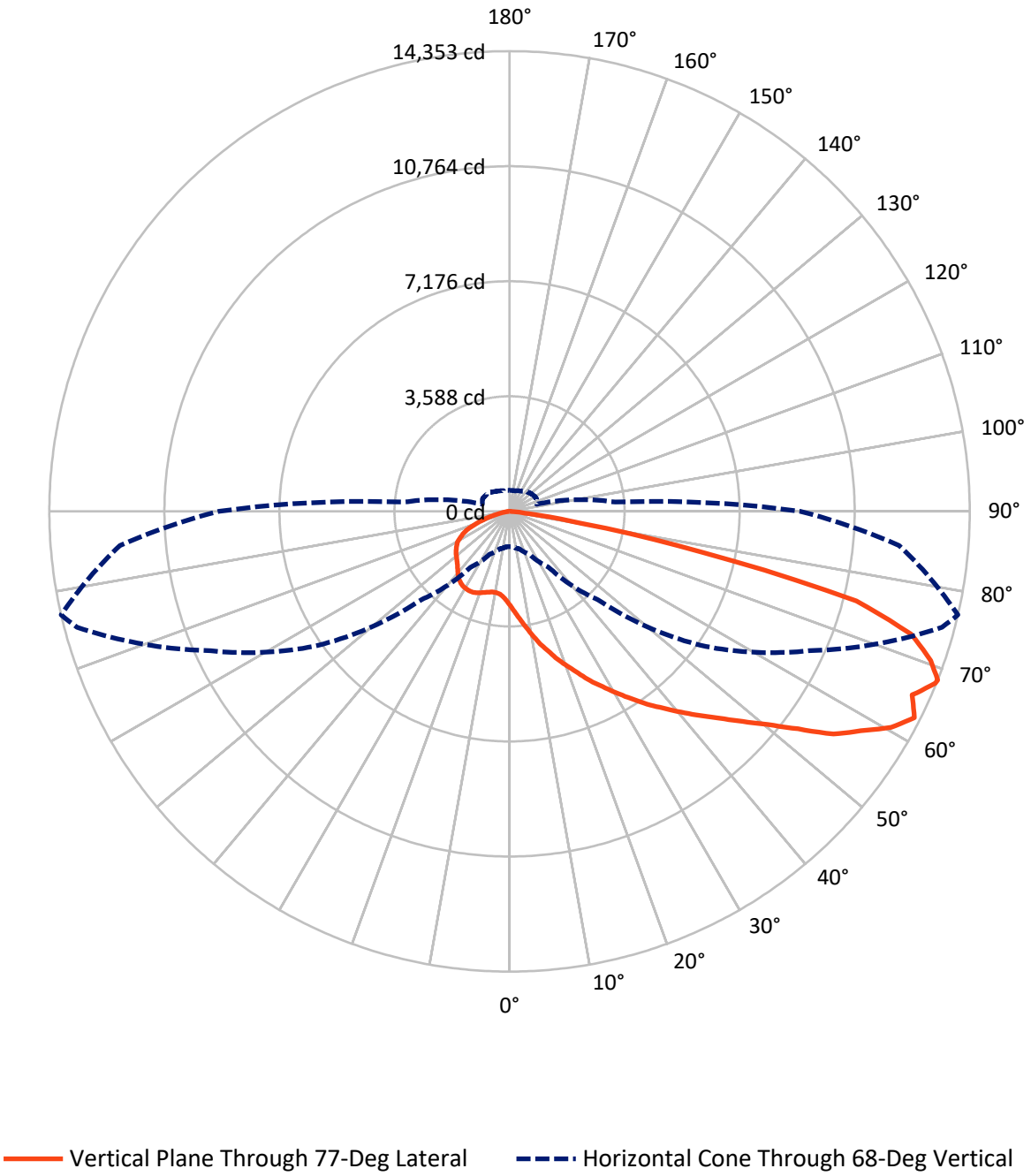
Based on 20 foot mounting height. Maximum calculated value = 12.7 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

Luminous Intensity Polar Plot



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

Scaled Data Report

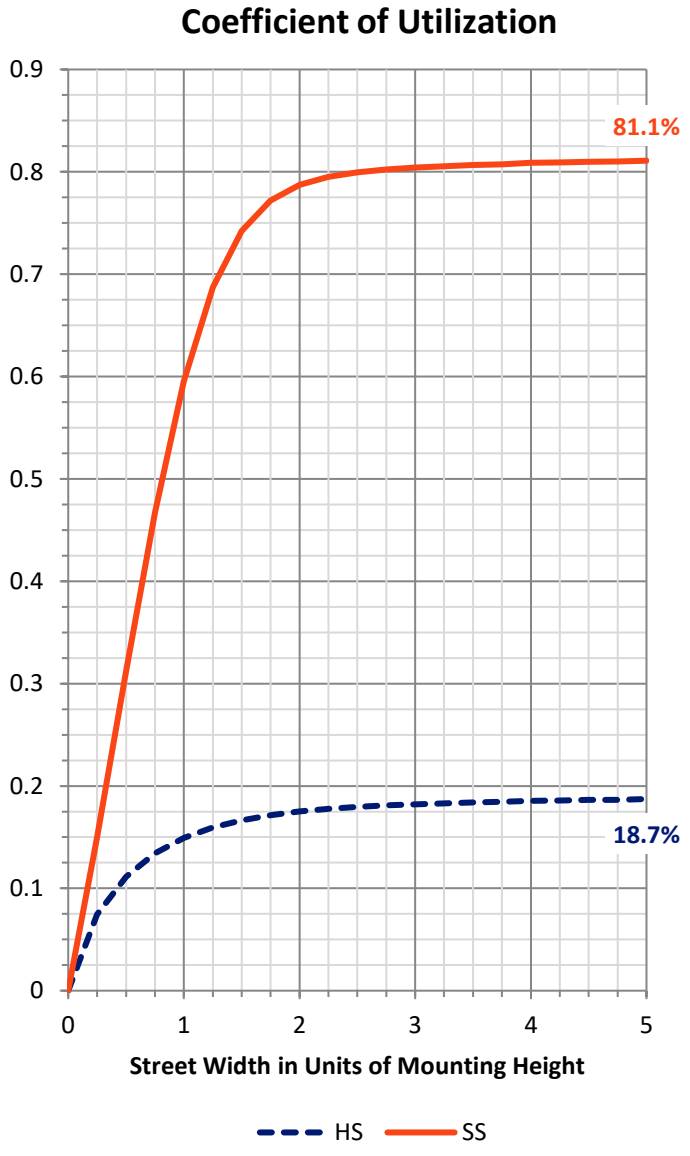
REPORT NUMBER: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4122.7	0.0	4122.7
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	17716.6	0.0	17716.6
	% Fixture	81.1	0.0	81.1
Total	Lumens	21839.3	0.0	21839.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.4	1.4
10°-20°	1058.6	4.8
20°-30°	1934.9	8.9
30°-40°	3135.3	14.4
40°-50°	4312.4	19.7
50°-60°	4835.1	22.1
60°-70°	4075.1	18.7
70°-80°	2019.7	9.2
80°-90°	166.8	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°	21839.3	100.0
0°-180°	21839.3	100.0



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

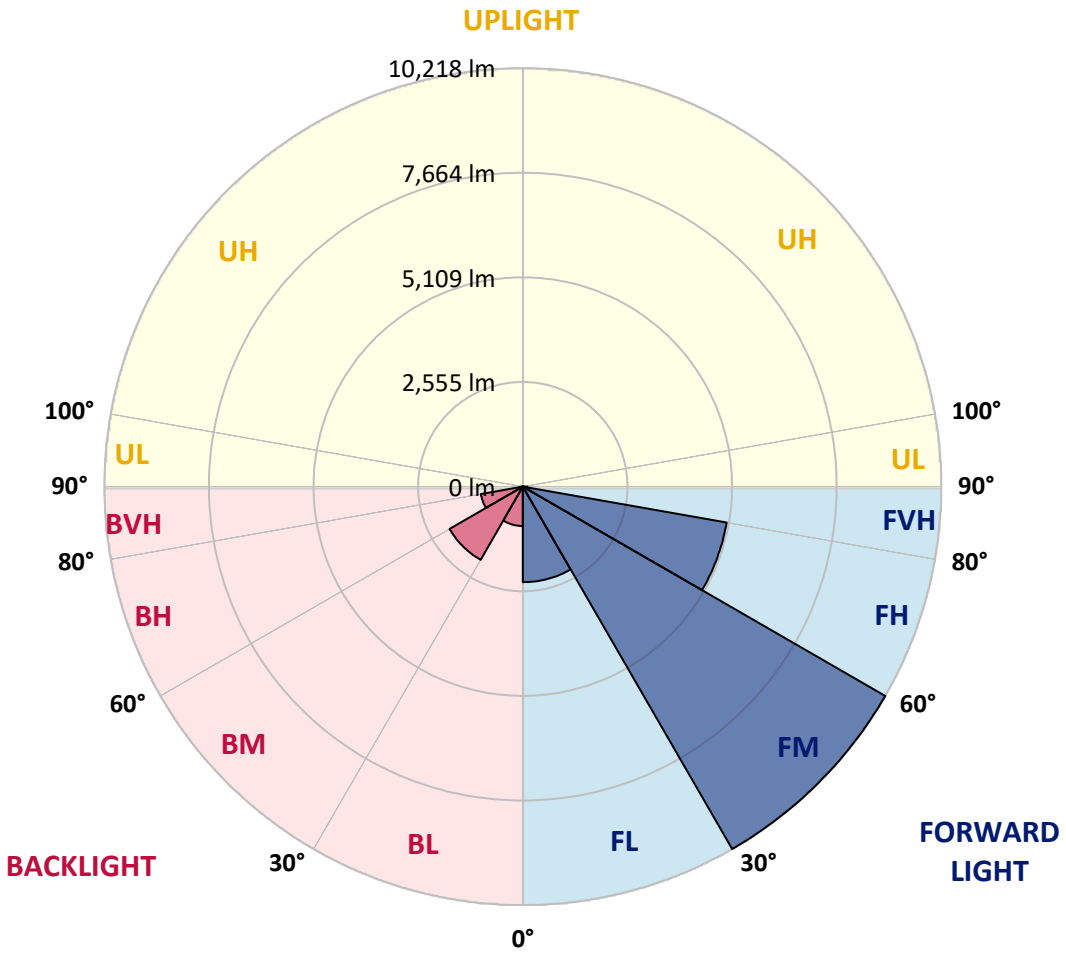
Scaled Data Report

REPORT NUMBER: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2333.7	10.7			
FM	(30°-60°)	10218.4	46.8			
FH	(60°-80°)	5054.9	23.1			G3/7500
FVH	(80°-90°)	109.6	0.5			G2/225
BL	(0°-30°)	961.2	4.4	B2/1000		
BM	(30°-60°)	2064.3	9.5	B2/2500		
BH	(60°-80°)	1039.9	4.8	B3/2500		G3/2500
BVH	(80°-90°)	57.2	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: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	*2938.2*	2938.2
2.5°	3665.1	3644.9	3629.8	3579.3	3549.0	3468.2	3402.6	3291.5	3150.2	*3140.1*	3029.0
5°	4225.5	4200.2	4180.0	4109.4	4079.1	3937.7	3811.5	3614.6	3412.7	*3377.4*	3155.2
7.5°	4679.8	4649.5	4629.4	4563.7	4503.1	4392.1	4230.5	3993.3	3700.5	*3634.8*	3342.0
10°	4997.9	4997.9	4992.8	4952.5	4917.1	4811.1	4624.3	4346.6	3998.3	*3922.6*	3538.9
12.5°	5245.3	5230.1	5250.3	5275.5	5280.6	5220.0	5048.4	4735.4	4316.4	*4240.6*	3745.9
15°	5265.4	5270.5	5346.2	5447.2	5573.4	5593.6	5452.2	5124.1	4624.3	*4523.3*	3988.2
17.5°	5164.5	5189.7	5295.7	5462.3	5704.7	5851.1	5820.8	5528.0	4957.5	*4851.5*	4210.3
20°	5134.2	5164.5	5270.5	5477.5	5765.2	6007.6	6098.4	5886.4	5290.7	*5144.3*	4452.7
22.5°	5315.9	5326.0	5401.8	5573.4	5851.1	6128.7	6330.7	6229.7	5644.1	*5482.5*	4730.3
25°	5810.7	5800.6	5795.5	5835.9	6042.9	6285.2	6532.6	6552.8	6012.6	*5851.1*	4992.8
27.5°	6633.6	6673.9	6557.8	6335.7	6355.9	6542.7	6734.5	6840.5	6371.0	*6194.3*	5255.4
30°	7658.4	7653.3	7446.3	7087.9	6815.3	6880.9	6986.9	7113.2	6729.5	*6567.9*	5548.2
32.5°	8531.7	8511.6	8289.4	7875.5	7446.3	7305.0	7345.4	7370.6	7143.4	*6961.7*	5846.0
35°	9092.1	9097.2	8885.1	8526.7	8047.1	7814.9	7713.9	7653.3	7557.4	*7380.7*	6199.4
37.5°	9652.5	9622.2	9354.6	8930.6	8531.7	8339.9	8223.8	7966.3	7941.1	*7784.6*	6512.4
40°	10071.5	10041.2	9768.6	9284.0	8920.5	8764.0	8718.5	8329.8	8370.2	*8233.9*	6860.7
42.5°	10263.3	10268.4	10021.0	9581.8	9208.2	9132.5	9223.4	8748.8	8824.5	*8698.3*	7239.4
45°	10268.4	10243.1	10071.5	9723.2	9440.5	9379.9	9627.2	9223.4	9319.3	*9203.2*	7678.6
47.5°	9990.7	9990.7	9920.0	9713.1	9561.6	9566.7	9965.5	9703.0	9874.6	*9788.8*	8188.5
50°	9384.9	9435.4	9465.7	9506.1	9501.0	9697.9	10238.1	10202.8	10470.3	*10445.1*	8758.9
52.5°	7537.2	7749.2	8511.6	9001.2	9314.2	9682.8	10535.9	10717.7	11222.5	*11268.0*	9581.8
55°	6012.6	6063.1	6704.2	7966.3	8895.2	9556.6	10642.0	11298.3	12186.8	*12257.4*	10334.0
57.5°	4881.8	5002.9	5391.7	6598.2	7981.5	9273.9	10712.6	11611.2	12797.6	*12913.7*	10955.0
60°	3609.6	3680.3	4053.8	5053.4	6684.0	8612.5	10753.0	11899.0	13509.4	*13676.0*	11762.7
62.5°	2655.4	2660.5	2897.8	3528.8	5275.5	7527.1	10440.0	12131.2	13978.9	*14170.8*	12020.2
65°	1716.4	1736.6	1973.9	2519.1	3564.1	6169.1	9718.1	11222.5	13519.5	*13802.2*	11863.7
67.5°	1156.1	1191.4	1332.8	1605.4	2387.9	4402.2	7582.7	10389.5	13943.6	*14317.2*	12242.3
68°	*1100.5*	*1105.6*	*1216.7*	*1479.2*	*2125.4*	*3897.3*	*7289.8*	*10283.5*	*13963.8*	*14352.5*	*12196.9*
70°	873.4	883.5	954.1	1095.5	1443.8	2387.9	5886.4	9395.0	13590.2	*13933.5*	11535.5
72.5°	666.4	681.5	727.0	782.5	939.0	1464.0	3443.0	7653.3	12605.8	*13095.5*	10445.1
75°	565.4	570.5	605.8	626.0	615.9	888.5	1933.5	5987.4	10722.7	*11172.0*	8577.2
77.5°	444.3	459.4	509.9	520.0	469.5	615.9	1014.7	3417.7	6295.3	*6148.9*	4129.6
80°	318.0	328.1	368.5	348.3	368.5	424.1	479.6	1226.8	2620.1	*2286.9*	969.3
82.5°	111.1	126.2	252.4	242.3	242.3	191.8	217.1	535.1	681.5	*595.7*	242.3
85°	20.2	25.2	70.7	101.0	90.9	70.7	90.9	166.6	136.3	*116.1*	70.7
87.5°	5.0	5.0	10.1	10.1	10.1	15.1	25.2	35.3	40.4	*40.4*	40.4
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: P1365743
CATALOG NUMBER: GSS-SB5A-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2	2938.2
2.5°	2968.4	2892.7	2746.3	2615.1	2509.0	2408.1	2327.3	2271.8	2231.4	2211.2	2211.2
5°	3034.1	2872.5	2605.0	2367.7	2185.9	2064.8	1989.1	1943.6	1938.6	1933.5	1933.5
7.5°	3135.0	2907.9	2509.0	2211.2	2054.7	1989.1	1968.9	1963.8	1963.8	1973.9	1973.9
10°	3271.3	2968.4	2468.7	2155.7	2069.8	2049.6	2039.5	2054.7	2059.7	2064.8	2069.8
12.5°	3432.9	3044.2	2448.5	2180.9	2130.4	2120.3	2125.4	2120.3	2135.5	2145.6	2140.5
15°	3589.4	3140.1	2468.7	2231.4	2191.0	2185.9	2170.8	2180.9	2175.8	2170.8	2170.8
17.5°	3766.1	3251.1	2488.8	2271.8	2231.4	2211.2	2191.0	2180.9	2160.7	2155.7	2150.6
20°	3957.9	3362.2	2524.2	2307.1	2241.5	2196.0	2160.7	2120.3	2090.0	2074.9	2074.9
22.5°	4154.8	3478.3	2554.5	2312.2	2221.3	2140.5	2079.9	2029.4	1984.0	1953.7	1938.6
25°	4356.7	3594.4	2564.6	2292.0	2160.7	2064.8	1984.0	1923.4	1862.8	1832.6	1822.5
27.5°	4563.7	3695.4	2549.4	2241.5	2079.9	1973.9	1883.0	1817.4	1766.9	1731.6	1731.6
30°	4765.7	3791.3	2509.0	2170.8	1994.1	1888.1	1797.2	1736.6	1691.2	1660.9	1655.9
32.5°	4997.9	3887.2	2458.6	2079.9	1908.3	1812.4	1721.5	1666.0	1625.6	1610.4	1615.5
35°	5230.1	3973.1	2377.8	1994.1	1817.4	1736.6	1650.8	1605.4	1590.2	1580.1	1575.1
37.5°	5457.3	4033.6	2271.8	1888.1	1741.7	1645.8	1605.4	1559.9	1519.6	1469.1	1464.0
40°	5689.5	4084.1	2135.5	1782.1	1655.9	1580.1	1559.9	1499.4	1403.4	1317.6	1317.6
42.5°	5957.1	4134.6	1989.1	1681.1	1549.8	1514.5	1509.5	1413.5	1272.2	1211.6	1206.6
45°	6275.1	4170.0	1857.8	1585.2	1438.8	1423.6	1464.0	1337.8	1221.7	1171.2	1176.3
47.5°	6643.7	4250.7	1741.7	1479.2	1332.8	1358.0	1363.1	1267.1	1176.3	1115.7	1115.7
50°	7118.2	4392.1	1620.5	1342.9	1257.0	1312.6	1267.1	1196.5	1100.5	1065.2	1060.2
52.5°	7749.2	4508.2	1519.6	1231.8	1206.6	1262.1	1201.5	1125.8	1045.0	994.5	989.5
55°	8228.8	4513.2	1423.6	1146.0	1171.2	1161.1	1135.9	1055.1	994.5	933.9	933.9
57.5°	8743.8	4483.0	1337.8	1095.5	1135.9	1090.4	1070.3	984.4	923.9	878.4	868.3
60°	9299.1	4427.4	1246.9	1060.2	1105.6	1040.0	994.5	923.9	873.4	838.0	838.0
62.5°	9395.0	4159.9	1135.9	1050.1	1070.3	989.5	918.8	863.3	812.8	792.6	792.6
65°	9218.3	3877.1	1009.7	999.6	1014.7	928.9	848.1	797.6	757.3	737.1	732.0
67.5°	9223.4	3417.7	908.7	939.0	913.8	858.2	777.4	732.0	681.5	666.4	666.4
68°	*9061.8*	*3306.7*	*873.4*	*928.9*	*893.6*	*838.0*	*757.3*	*706.8*	*661.3*	*656.3*	*656.3*
70°	8304.6	2680.7	747.2	858.2	833.0	767.4	666.4	641.1	610.9	605.8	610.9
72.5°	7254.5	1979.0	600.8	721.9	742.1	595.7	585.6	575.5	540.2	540.2	535.1
75°	5674.4	1443.8	454.4	570.5	550.3	545.2	499.8	494.7	464.4	459.4	449.3
77.5°	2574.7	737.1	308.0	378.6	439.2	484.6	419.0	403.9	383.7	383.7	378.6
80°	721.9	378.6	207.0	217.1	267.6	393.8	328.1	297.9	313.0	302.9	262.5
82.5°	222.1	156.5	126.2	136.3	126.2	227.2	242.3	186.8	166.6	176.7	186.8
85°	75.7	70.7	60.6	65.6	55.5	90.9	106.0	70.7	75.7	75.7	65.6
87.5°	40.4	40.4	30.3	25.2	20.2	15.1	10.1	10.1	5.0	5.0	5.0
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: SP1-2407-184-4

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

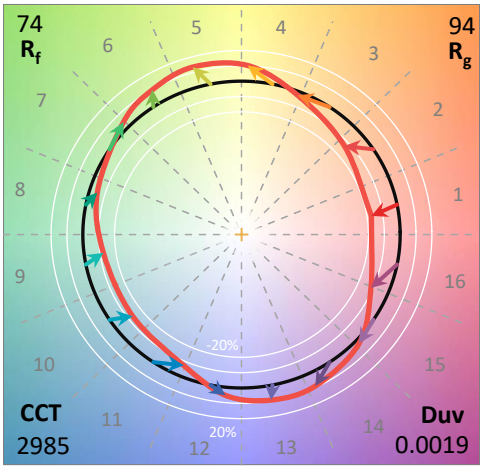
Test Information

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

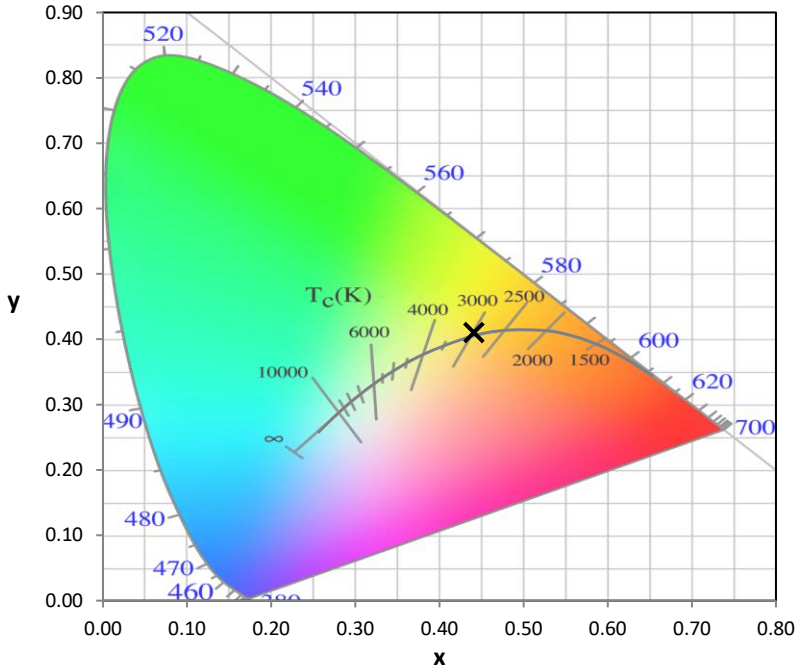
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

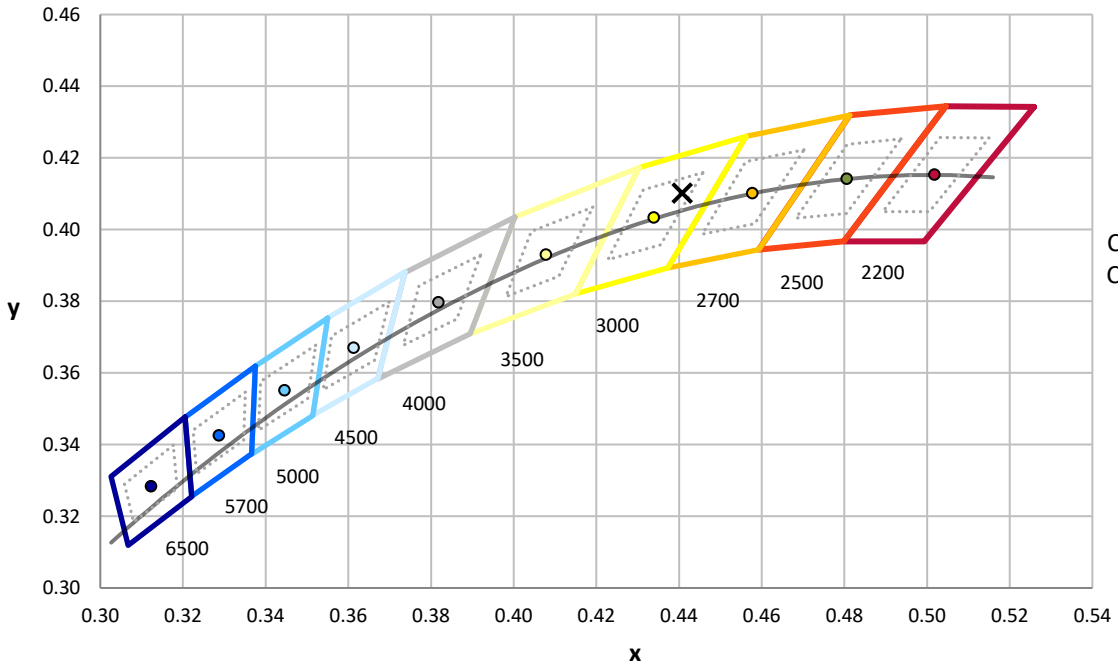
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

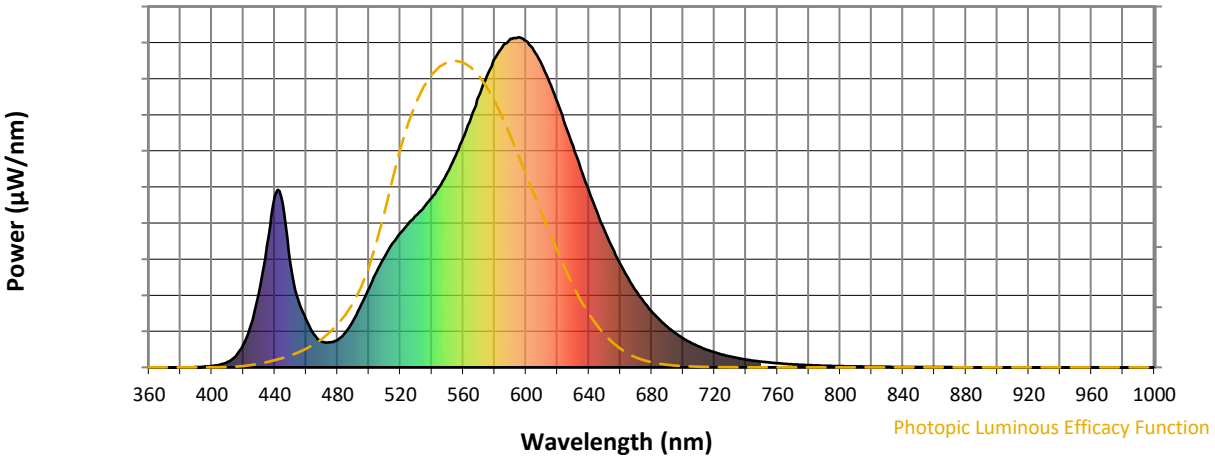


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

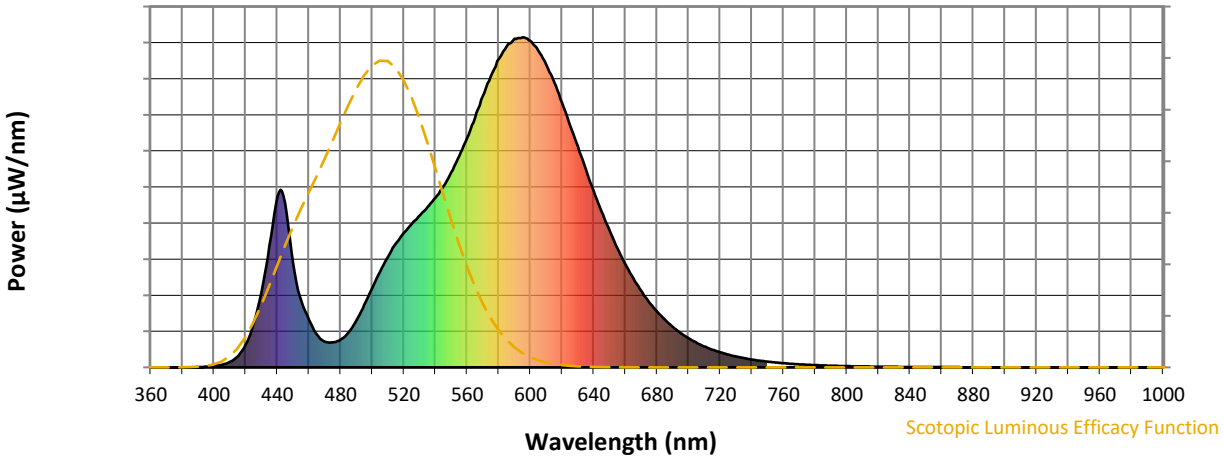


Photopic Lumens: NR

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

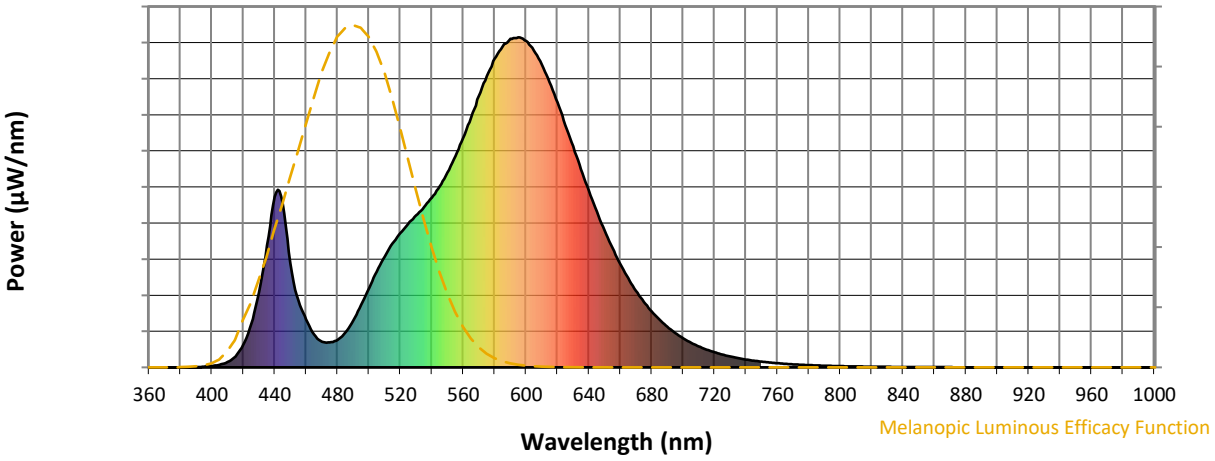


Scotopic Lumens: NR **S/P: 1.19**

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			

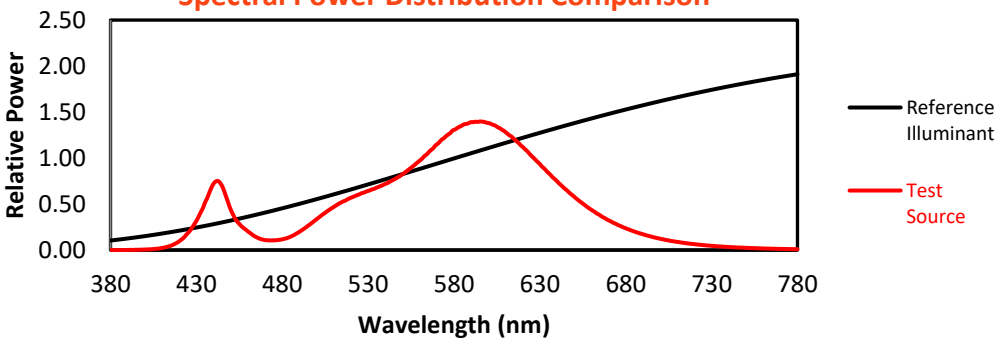
REPORT NUMBER: SP1-2407-184-4

TM-30-18

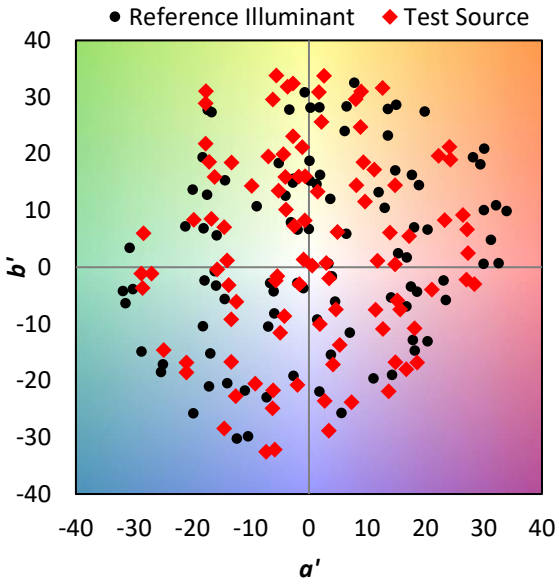
Summary

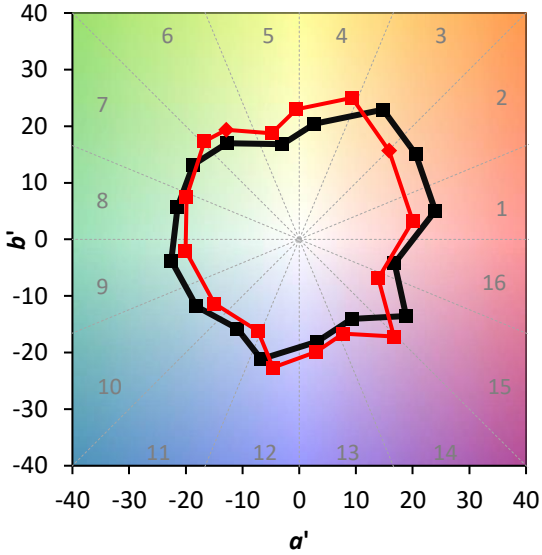
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

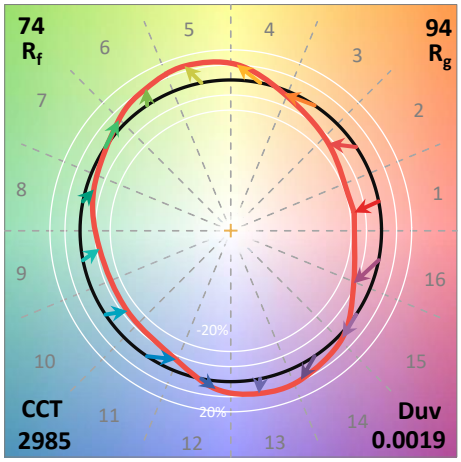
Spectral Power Distribution Comparison

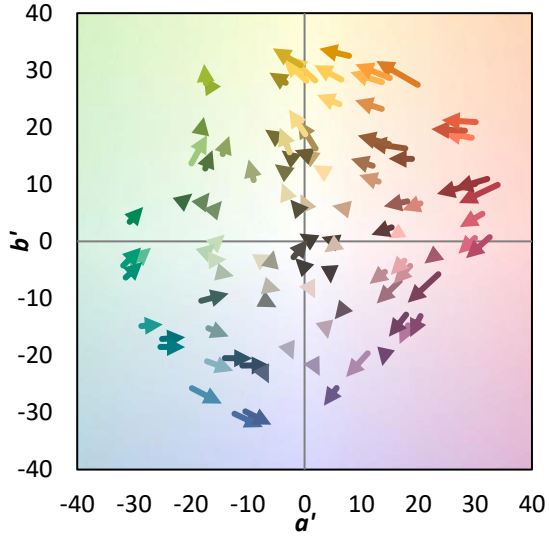


Color Vector Graphics







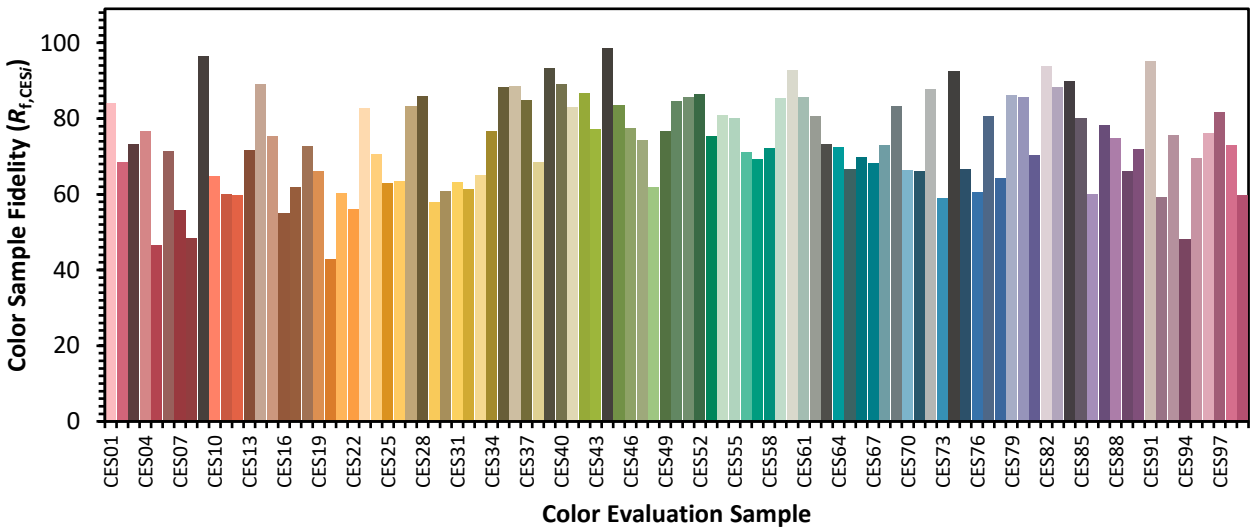


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

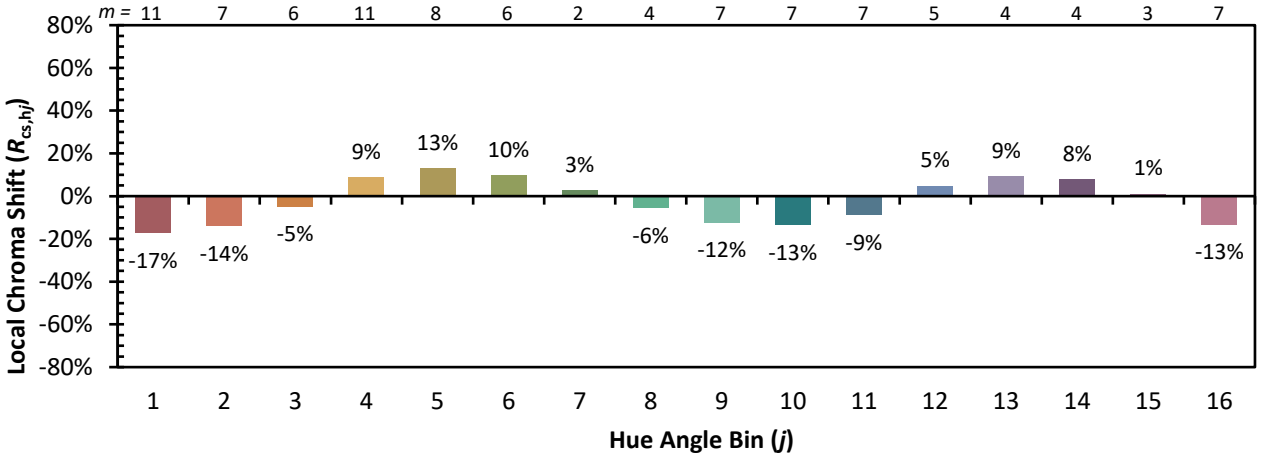
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

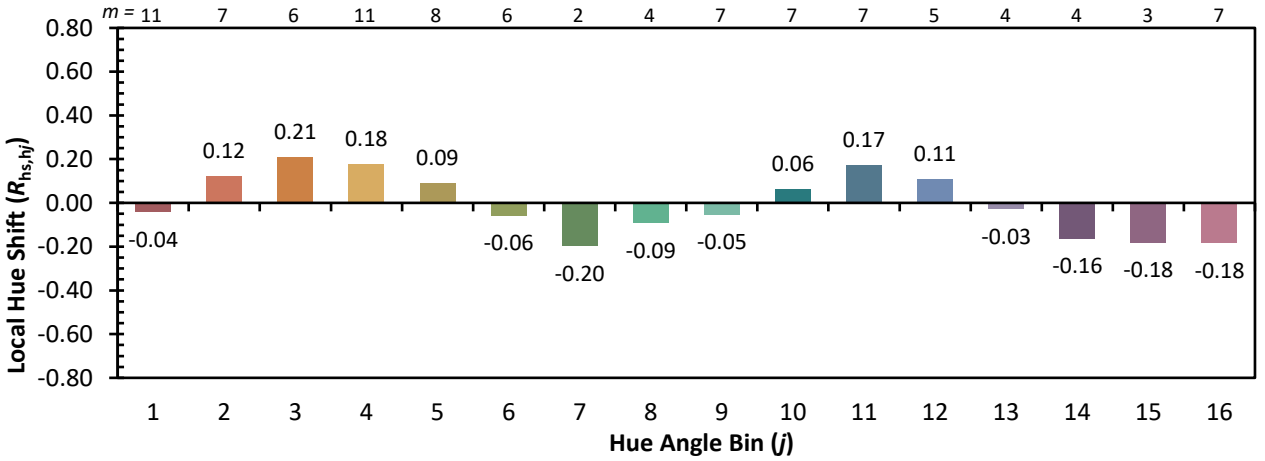


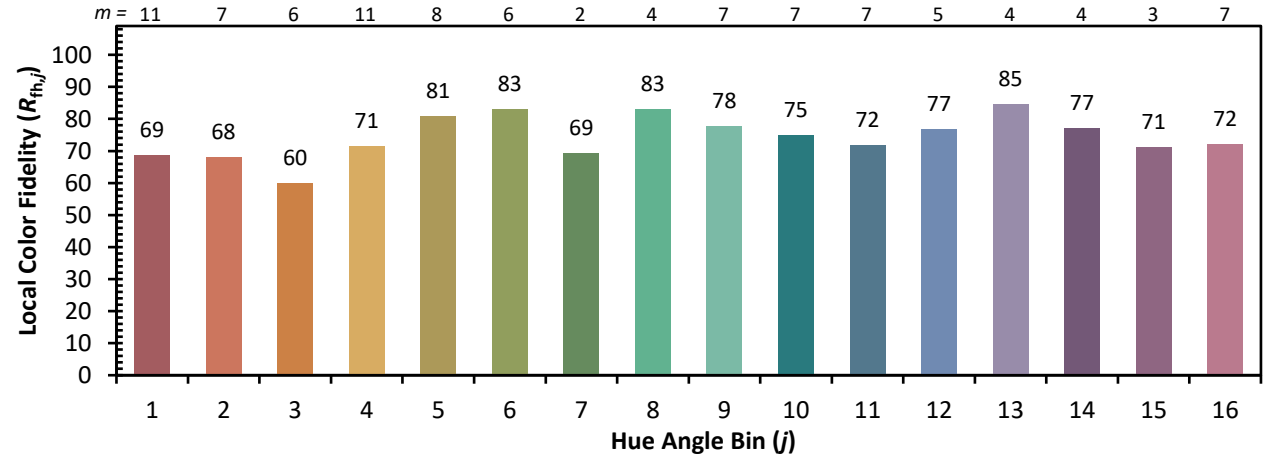
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



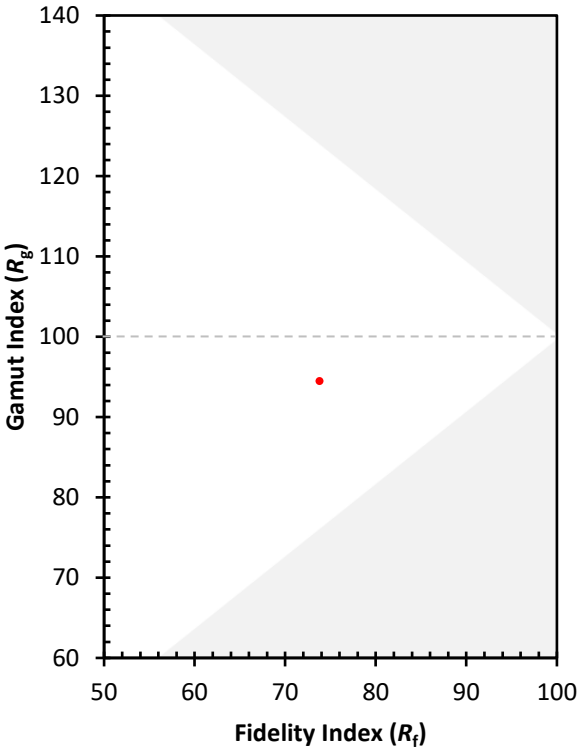


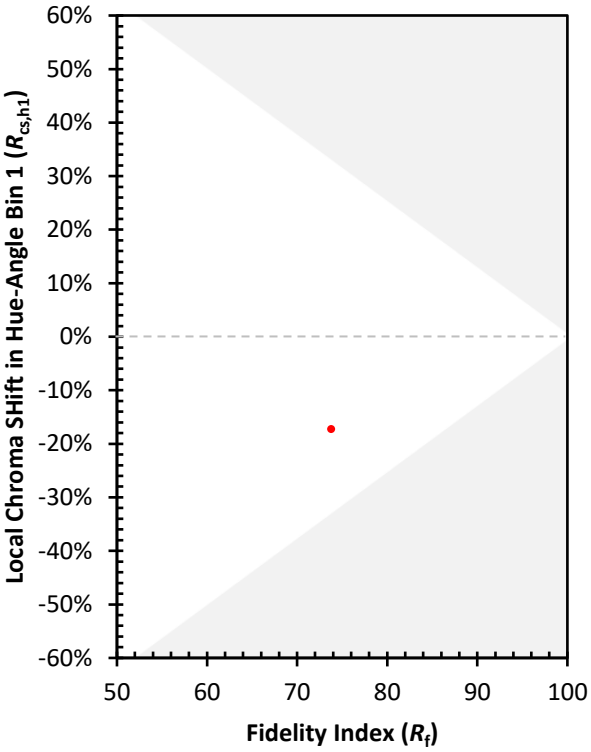


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)