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: P1359220

Luminaire Tested: **GSS-SB6B-730-U-T2**

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:	P1359220
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6B-730-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 3000K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32042.8 lumens
Efficiency:	N/A
Efficacy:	146.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

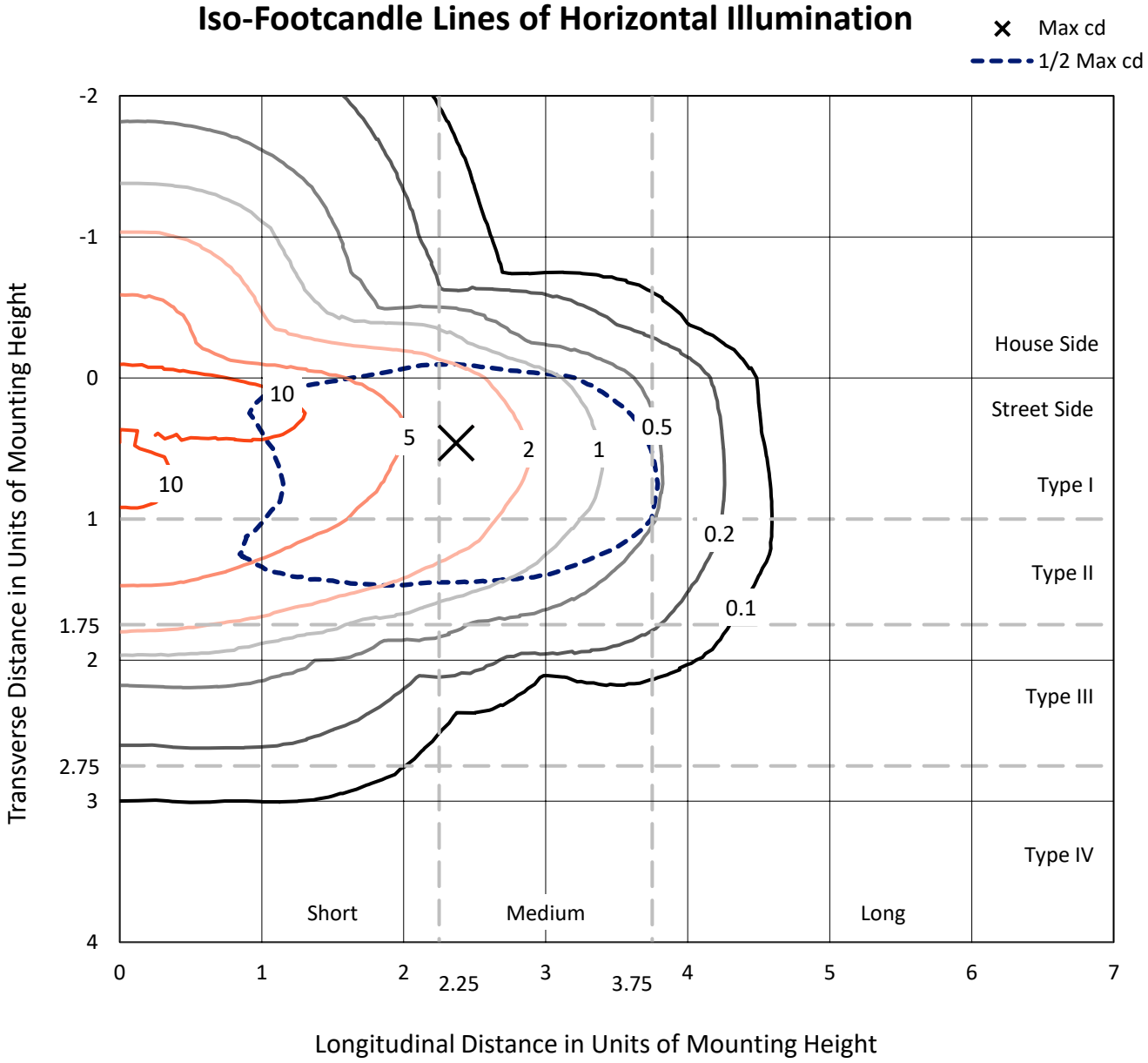
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

Iso-Footcandle Lines of Horizontal Illumination



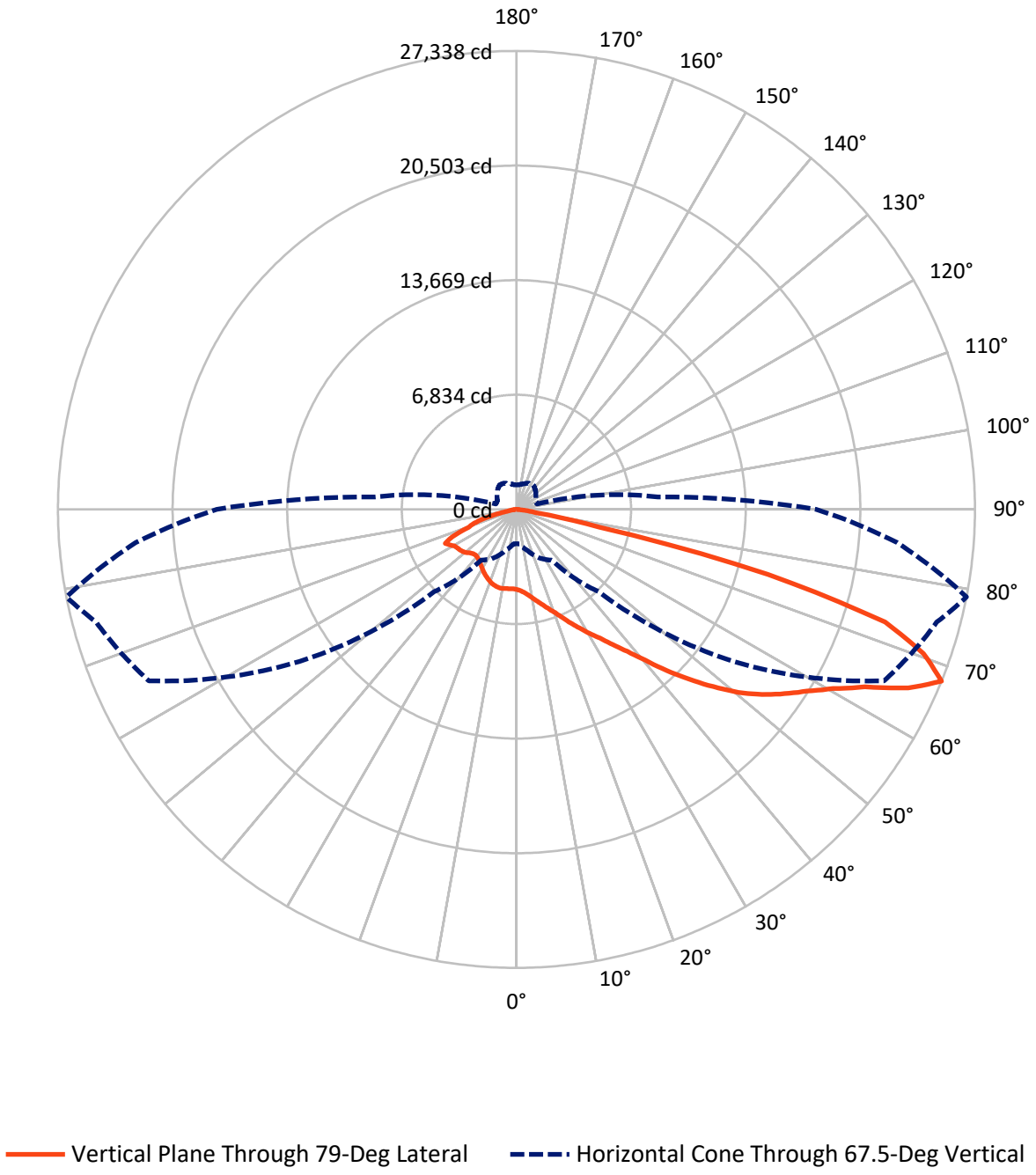
Based on 20 foot mounting height. Maximum calculated value = 14.2 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

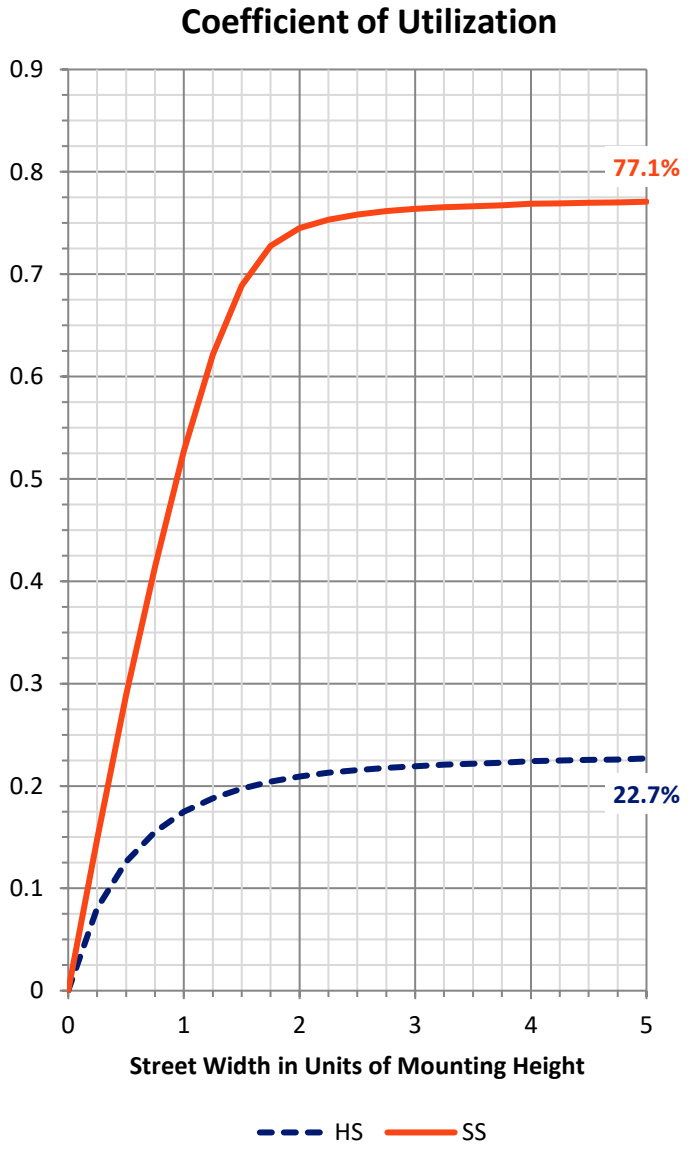
REPORT NUMBER: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7341.8	0.0	7341.8
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	24701.0	0.0	24701.0
	% Fixture	77.1	0.0	77.1
Total	Lumens	32042.8	0.0	32042.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	456.7	1.4
10°-20°	1374.9	4.3
20°-30°	2323.0	7.2
30°-40°	3583.6	11.2
40°-50°	5472.8	17.1
50°-60°	7567.0	23.6
60°-70°	7647.0	23.9
70°-80°	3364.4	10.5
80°-90°	253.4	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°	32042.8	100.0
0°-180°	32042.8	100.0



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

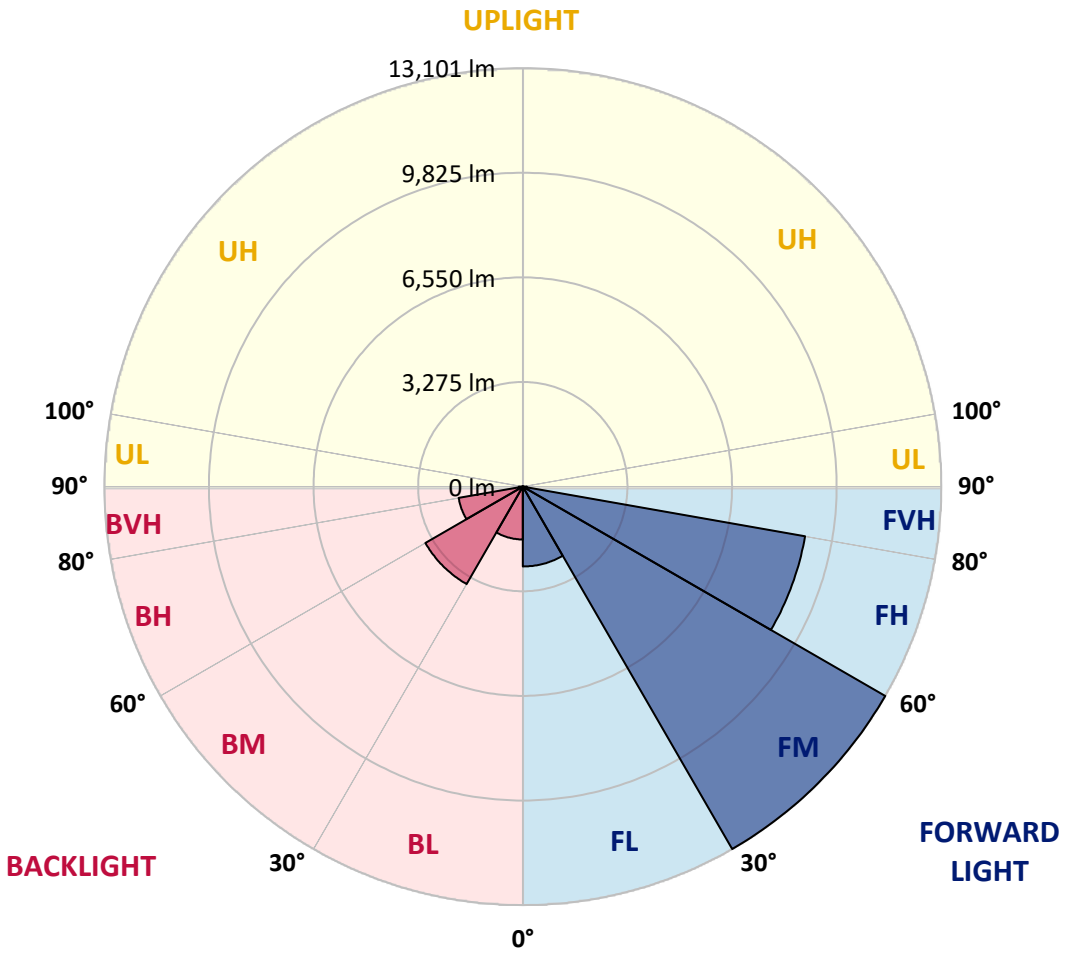
Scaled Data Report

REPORT NUMBER: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2499.9	7.8			
FM	(30°-60°)	13100.6	40.9			
FH	(60°-80°)	8972.1	28.0			G4/12000
FVH	(80°-90°)	128.4	0.4			G2/225
BL	(0°-30°)	1654.6	5.2	B3/2500		
BM	(30°-60°)	3522.8	11.0	B3/5000		
BH	(60°-80°)	2039.3	6.4	B3/2500		G3/2500
BVH	(80°-90°)	125.1	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type II Medium



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

Scaled Data Report

REPORT NUMBER: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	*4779.3*	4779.3
2.5°	5001.1	5079.8	5079.8	5044.0	5029.7	5022.5	4972.4	4915.2	4893.7	*4858.0*	4836.5
5°	5308.7	5308.7	5323.0	5287.2	5308.7	5280.1	5208.5	5137.0	5051.1	*4986.7*	4958.1
7.5°	5337.3	5394.6	5430.3	5430.3	5473.3	5480.4	5444.6	5365.9	5258.6	*5158.5*	5108.4
10°	5365.9	5416.0	5416.0	5473.3	5566.3	5637.8	5659.3	5630.7	5458.9	*5387.4*	5287.2
12.5°	5301.5	5358.8	5380.2	5494.7	5623.5	5759.4	5859.6	5873.9	5766.6	*5637.8*	5487.6
15°	5079.8	5129.8	5215.7	5387.4	5616.3	5823.8	6017.0	6124.3	6002.7	*5909.7*	5702.2
17.5°	4779.3	4807.9	4951.0	5172.8	5487.6	5838.1	6174.4	6381.9	6353.3	*6231.6*	5988.4
20°	4750.6	4779.3	4822.2	4986.7	5351.6	5788.1	6274.6	6675.2	6753.9	*6567.9*	6267.4
22.5°	4993.9	5022.5	5022.5	5044.0	5272.9	5745.1	6374.7	6990.0	7168.9	*7011.5*	6625.1
25°	5330.2	5387.4	5323.0	5272.9	5351.6	5773.7	6432.0	7347.8	7698.3	*7505.2*	7025.8
27.5°	5809.5	5802.4	5745.1	5594.9	5573.4	5859.6	6589.4	7626.8	8206.3	*8006.0*	7440.8
30°	6474.9	6510.7	6381.9	6067.1	5924.0	6052.8	6804.0	7855.7	8742.9	*8578.3*	7834.3
32.5°	7226.1	7211.8	7054.4	6753.9	6403.4	6367.6	7004.3	8099.0	9358.2	*9150.7*	8327.9
35°	8034.6	8020.3	7970.2	7455.1	6997.2	6804.0	7326.3	8378.0	10073.7	*9901.9*	8907.5
37.5°	8764.4	8828.8	8979.0	8149.1	7662.6	7376.4	7741.3	8843.1	10989.4	*10739.0*	9608.6
40°	9386.8	9501.3	9644.4	8893.1	8285.0	8041.8	8292.2	9601.5	11969.6	*11819.4*	10452.8
42.5°	9959.2	10037.9	10023.6	9565.7	9043.4	8771.5	8986.2	10388.5	13236.0	*13128.7*	11490.3
45°	10660.3	10746.2	10710.4	10274.0	9751.7	9508.4	9894.8	11311.4	14437.9	*14452.3*	12470.4
47.5°	11347.2	11433.0	11411.6	11010.9	10510.1	10309.8	10839.2	12398.9	15597.0	*15790.2*	13536.5
50°	11991.1	12069.8	12112.7	11862.3	11425.9	11211.2	11762.1	13422.0	16720.3	*17156.7*	14552.4
52.5°	12169.9	12270.1	12563.4	12656.5	12463.3	12205.7	12606.4	14402.2	17686.1	*18337.2*	15532.6
55°	11583.3	11755.0	12384.6	12856.8	13429.2	13457.8	13486.4	15353.7	18530.4	*19403.2*	16426.9
57.5°	10560.2	10588.8	11325.7	12284.4	13643.8	14860.1	15003.2	16462.7	19353.1	*20440.6*	17314.1
60°	8292.2	8141.9	9336.7	10960.8	12871.1	15418.1	17421.4	18179.8	20376.3	*21692.7*	18380.1
62.5°	4443.0	4457.3	5444.6	7462.2	10660.3	14874.4	19496.2	20741.1	21871.6	*23316.8*	19961.3
65°	2790.3	2897.6	3455.7	4350.0	6453.4	11819.4	19625.0	24146.7	24239.7	*25677.8*	21943.1
67.5°	*2039.1*	*2067.7*	*2539.9*	*3190.9*	*3698.9*	*6932.8*	*15797.3*	*24189.6*	*25949.7*	*27337.7*	*22787.3*
70°	1516.8	1531.1	1867.3	2403.9	2697.3	3248.2	10066.5	20934.3	25062.5	*25749.3*	20676.7
72.5°	1109.0	1116.1	1295.0	1767.2	2124.9	1931.7	4729.2	15081.9	21764.2	*22987.7*	18601.9
75°	779.8	794.2	922.9	1223.4	1430.9	1345.1	1803.0	9429.7	15625.6	*15489.7*	12992.7
77.5°	586.7	593.8	679.7	865.7	973.0	880.0	1016.0	4407.2	5580.6	*5036.8*	4099.6
80°	429.3	450.7	493.7	543.7	651.1	565.2	572.4	1237.7	1345.1	*1180.5*	1058.9
82.5°	228.9	257.6	329.1	329.1	379.2	336.3	300.5	550.9	579.5	*543.7*	472.2
85°	71.5	71.5	78.7	100.2	150.2	150.2	150.2	186.0	193.2	*193.2*	164.6
87.5°	14.3	14.3	14.3	14.3	21.5	28.6	42.9	57.2	64.4	*71.5*	71.5
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: P1359220
CATALOG NUMBER: GSS-SB6B-730-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3	4779.3
2.5°	4822.2	4772.1	4722.0	4636.2	4593.2	4528.9	4471.6	4443.0	4421.5	4414.4	4414.4
5°	4915.2	4836.5	4679.1	4528.9	4392.9	4271.3	4178.3	4106.7	4063.8	4028.0	4028.0
7.5°	5008.2	4900.9	4664.8	4400.1	4206.9	4056.6	3927.9	3884.9	3870.6	3834.9	3813.4
10°	5165.6	4993.9	4643.3	4264.1	3992.3	3863.5	3806.2	3791.9	3799.1	3806.2	3806.2
12.5°	5287.2	5101.2	4586.1	4092.4	3827.7	3756.2	3763.3	3799.1	3856.3	3849.2	3834.9
15°	5458.9	5179.9	4471.6	3892.1	3698.9	3698.9	3770.5	3849.2	3906.4	3942.2	3920.7
17.5°	5659.3	5272.9	4299.9	3706.1	3591.6	3656.0	3806.2	3884.9	3985.1	4006.6	3992.3
20°	5909.7	5351.6	4106.7	3527.2	3520.1	3656.0	3784.8	3899.2	3977.9	3999.4	4013.7
22.5°	6152.9	5423.2	3856.3	3398.4	3441.4	3613.1	3734.7	3856.3	3892.1	3913.6	3920.7
25°	6403.4	5494.7	3627.4	3298.3	3384.1	3555.8	3656.0	3706.1	3713.2	3698.9	3698.9
27.5°	6675.2	5501.9	3398.4	3219.6	3319.7	3470.0	3527.2	3541.5	3512.9	3412.7	3384.1
30°	6961.4	5430.3	3212.4	3148.0	3248.2	3369.8	3412.7	3369.8	3269.6	3126.6	3112.2
32.5°	7197.5	5323.0	3076.5	3062.2	3169.5	3276.8	3276.8	3198.1	3047.9	2904.8	2897.6
35°	7555.2	5172.8	2940.5	3004.9	3097.9	3148.0	3162.3	3047.9	2883.3	2747.4	2733.1
37.5°	7905.8	5044.0	2883.3	2933.4	3019.2	3062.2	3019.2	2904.8	2797.4	2683.0	2683.0
40°	8449.6	4965.3	2811.8	2883.3	2954.8	2962.0	2883.3	2797.4	2811.8	2747.4	2740.2
42.5°	9043.4	4958.1	2783.1	2833.2	2883.3	2869.0	2754.5	2754.5	2776.0	2654.4	2625.7
45°	9723.1	5058.3	2783.1	2761.7	2790.3	2747.4	2683.0	2668.7	2618.6	2439.7	2432.6
47.5°	10431.4	5301.5	2797.4	2661.5	2654.4	2640.0	2611.4	2561.3	2411.1	2260.8	2239.4
50°	10989.4	5637.8	2840.4	2532.7	2504.1	2554.2	2504.1	2418.2	2246.5	2103.4	2082.0
52.5°	11654.8	5974.1	2811.8	2375.3	2339.5	2468.3	2418.2	2296.6	2167.8	2082.0	2060.5
55°	12356.0	6324.7	2697.3	2160.7	2189.3	2361.0	2346.7	2210.8	2053.4	1938.9	1924.6
57.5°	13057.1	6768.2	2504.1	1974.7	2082.0	2296.6	2239.4	2074.8	1967.5	1888.8	1874.5
60°	14130.3	7405.0	2225.1	1781.5	1974.7	2160.7	2067.7	2017.6	1903.1	1838.7	1803.0
62.5°	15518.3	8463.9	1860.2	1602.6	1824.4	1996.1	1989.0	1931.7	1831.6	1760.0	1738.6
65°	17493.0	9472.7	1523.9	1430.9	1631.2	1795.8	1881.7	1831.6	1731.4	1652.7	1645.6
67.5°	*17872.1*	*8463.9*	*1266.4*	*1252.1*	*1416.6*	*1602.6*	*1767.2*	*1731.4*	*1574.0*	*1473.8*	*1459.5*
70°	15554.1	6045.6	1066.0	1080.3	1237.7	1402.3	1581.2	1495.3	1366.5	1309.3	1302.1
72.5°	13808.3	5194.2	894.3	922.9	1037.4	1187.7	1295.0	1323.6	1230.6	1180.5	1159.0
75°	9952.0	3892.1	722.6	758.4	837.1	922.9	1123.3	1173.4	1087.5	1037.4	1001.6
77.5°	3691.8	1624.1	536.6	572.4	629.6	751.2	908.6	1016.0	951.6	987.3	887.2
80°	887.2	572.4	393.5	386.3	443.6	565.2	722.6	801.3	736.9	701.1	608.1
82.5°	386.3	279.0	257.6	257.6	271.9	372.0	479.4	565.2	550.9	457.9	436.4
85°	143.1	121.6	121.6	128.8	128.8	171.7	257.6	300.5	271.9	236.1	228.9
87.5°	64.4	64.4	50.1	42.9	35.8	35.8	42.9	28.6	21.5	14.3	14.3
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

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

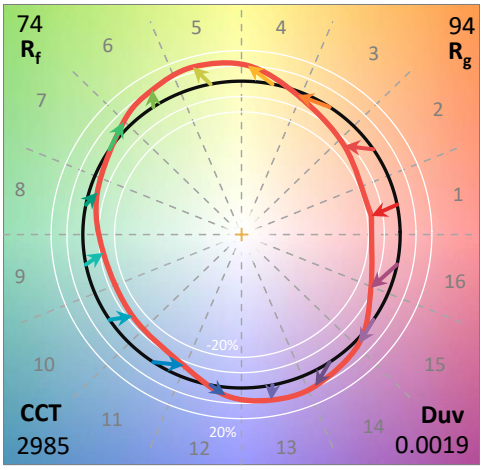
Test Information

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

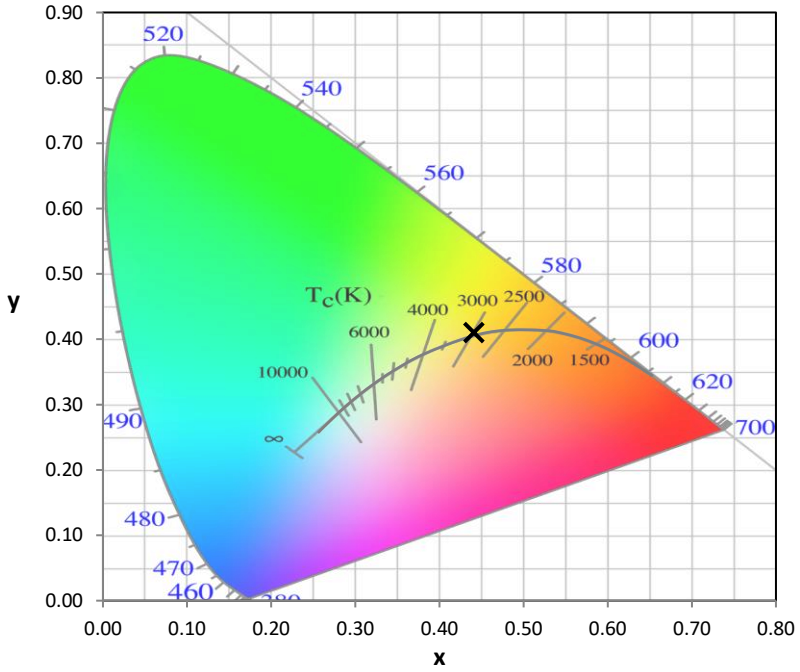
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

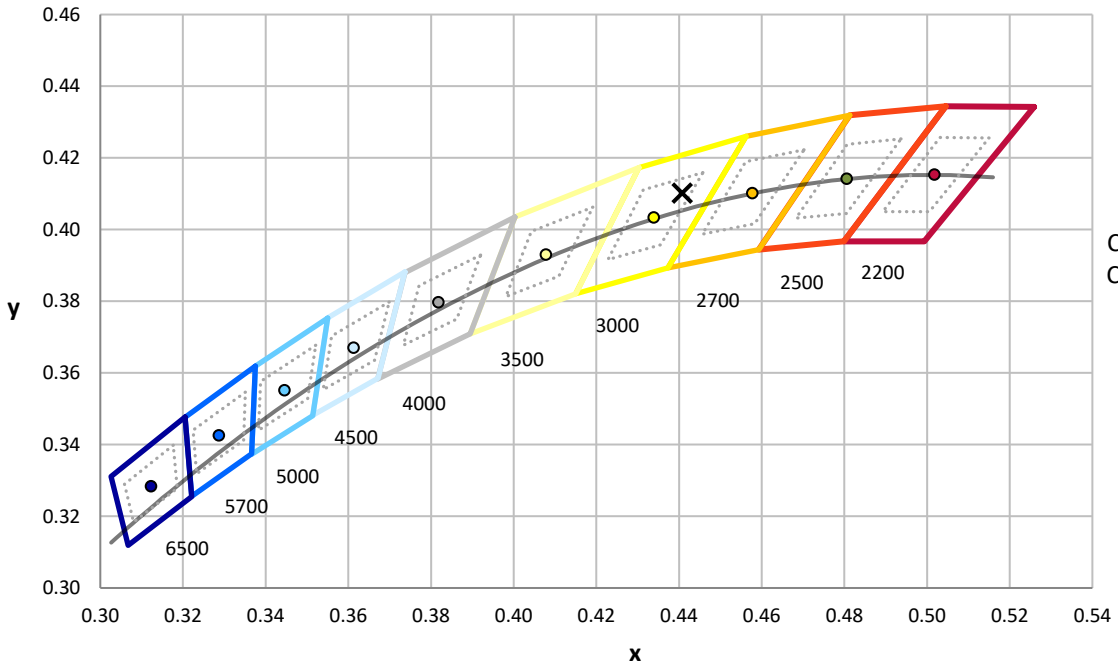
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

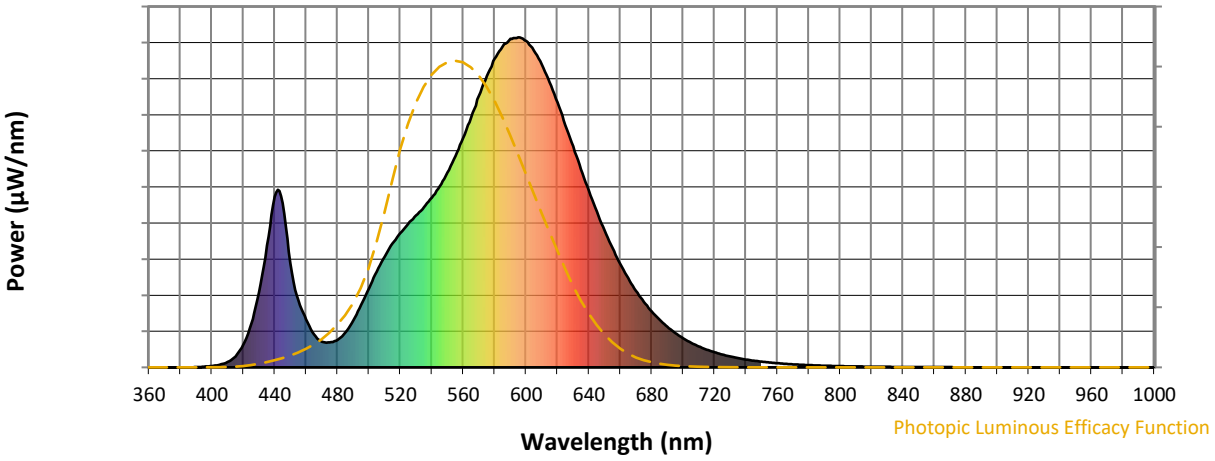


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

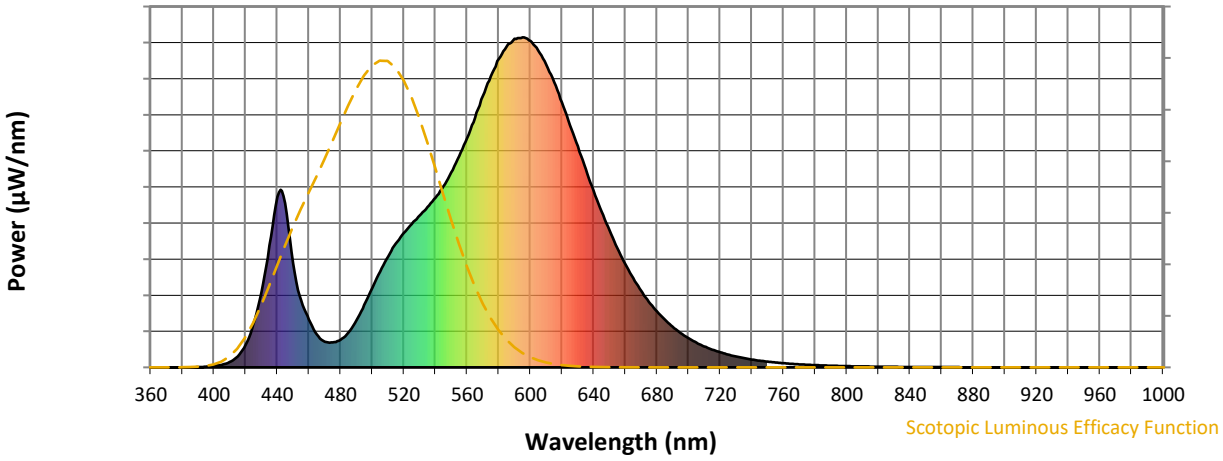


Photopic Lumens: NR

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

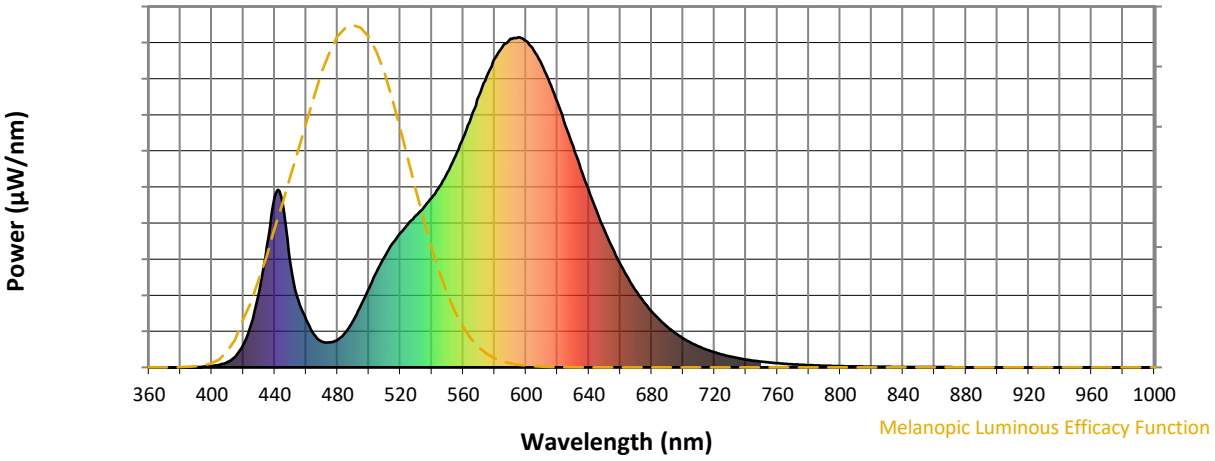


Scotopic Lumens: NR **S/P: 1.19**

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			

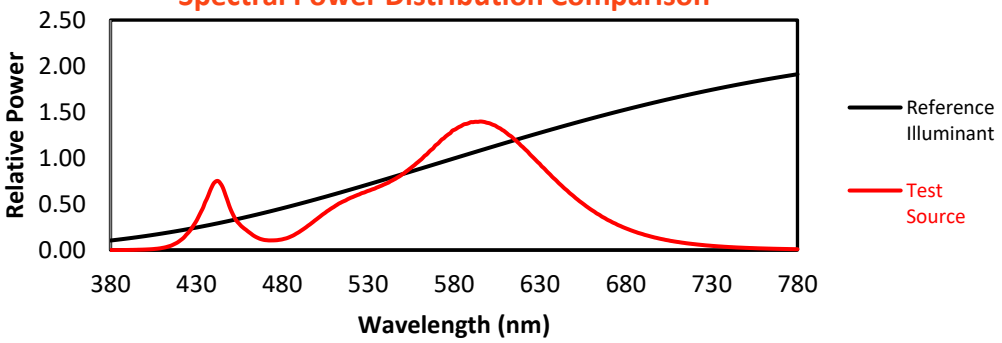
REPORT NUMBER: SP1-2407-184-4

TM-30-18

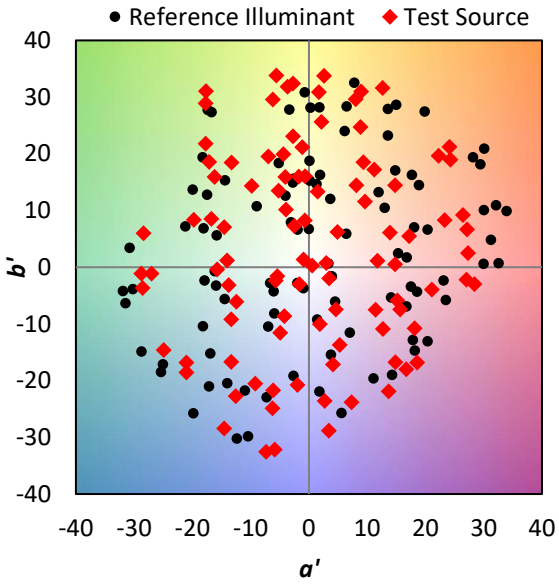
Summary

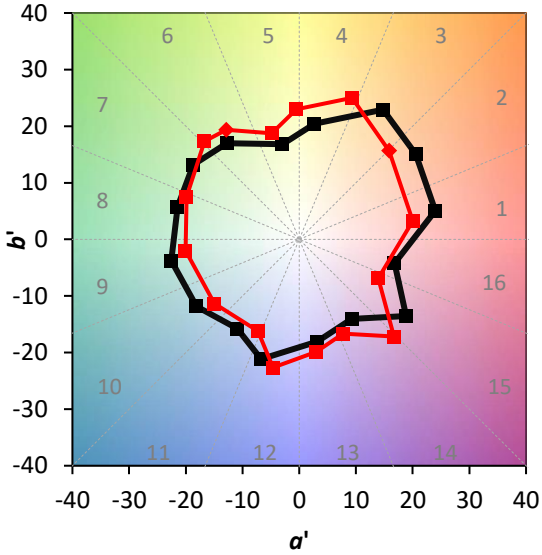
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

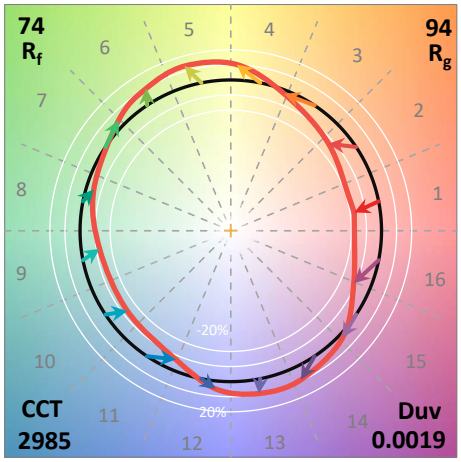
Spectral Power Distribution Comparison

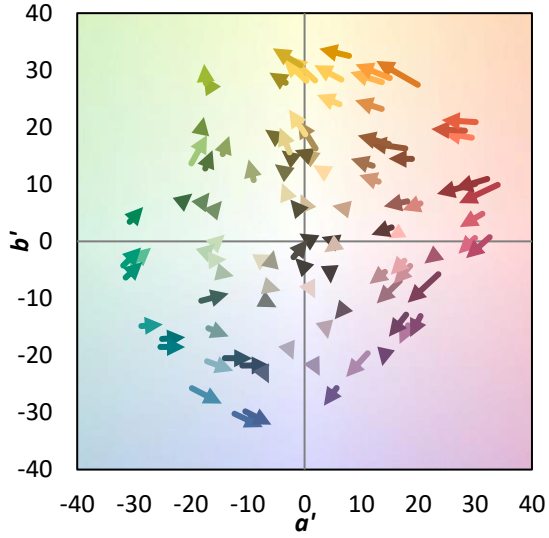


Color Vector Graphics







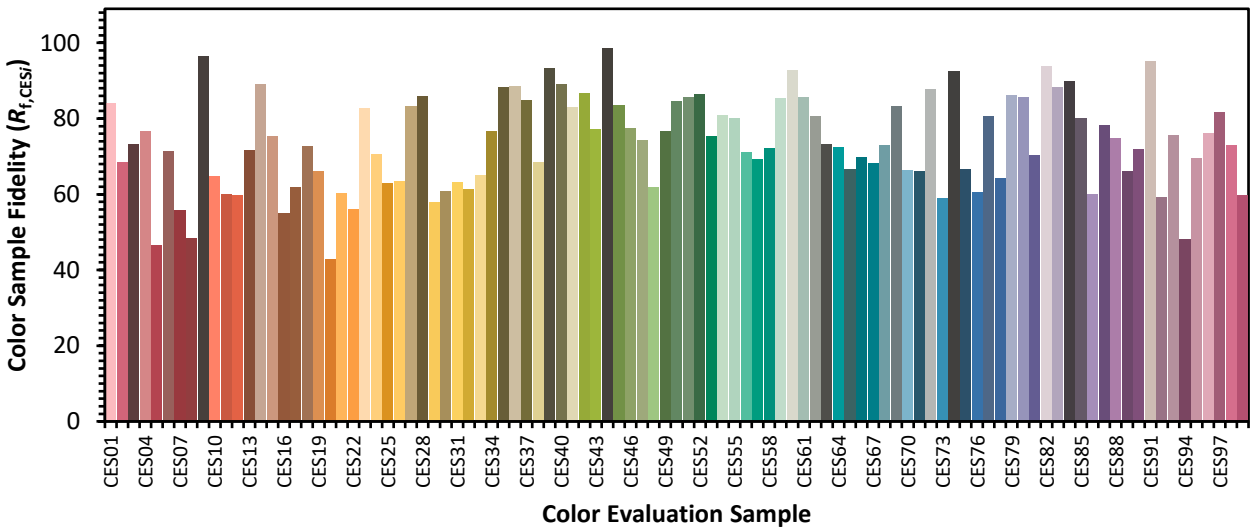


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

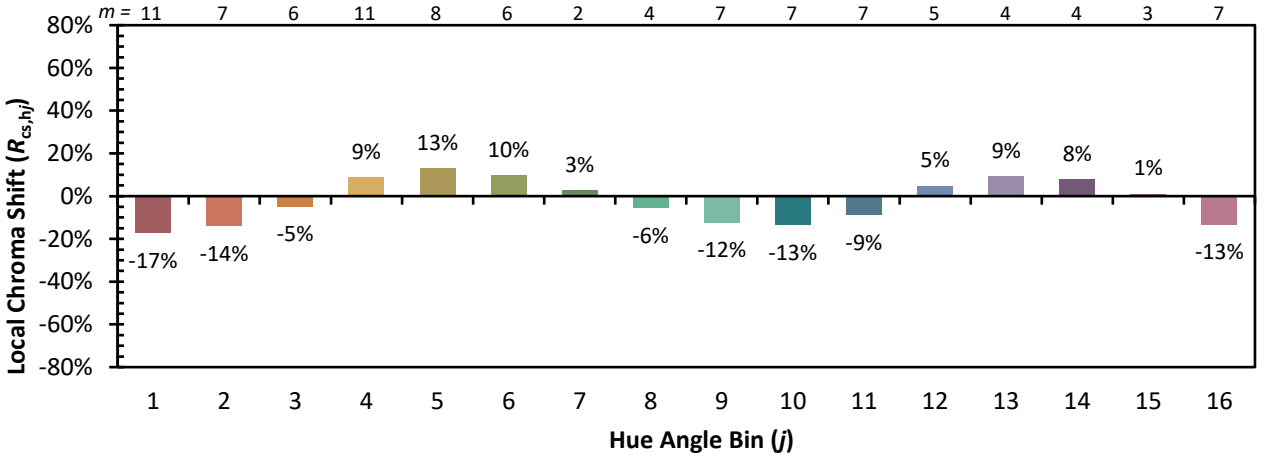
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

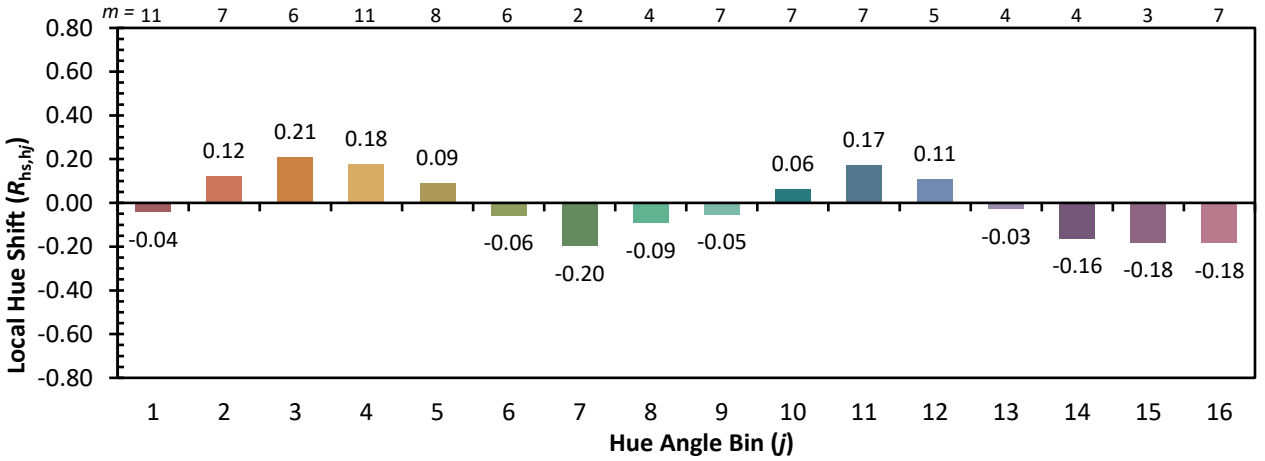


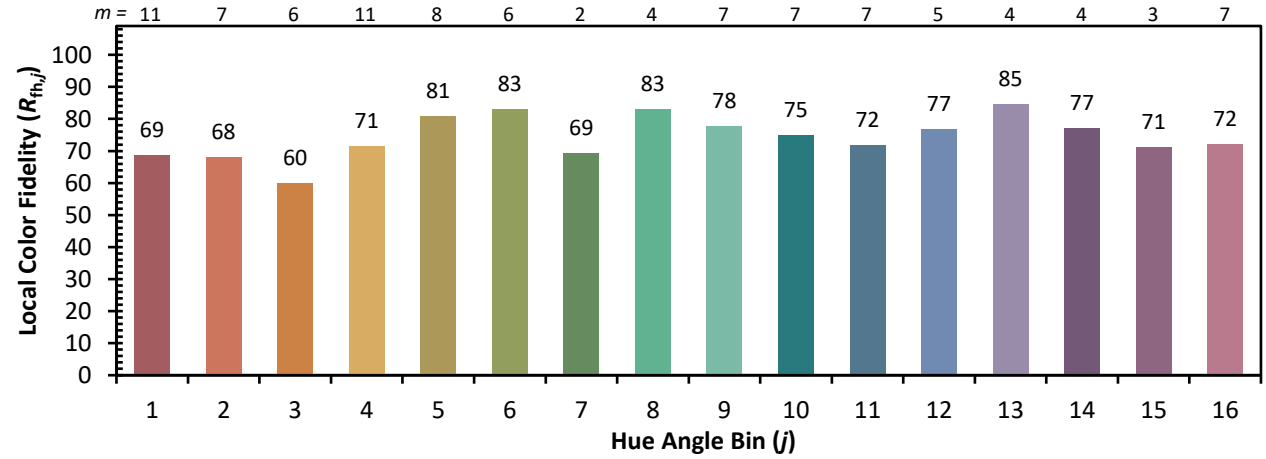
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



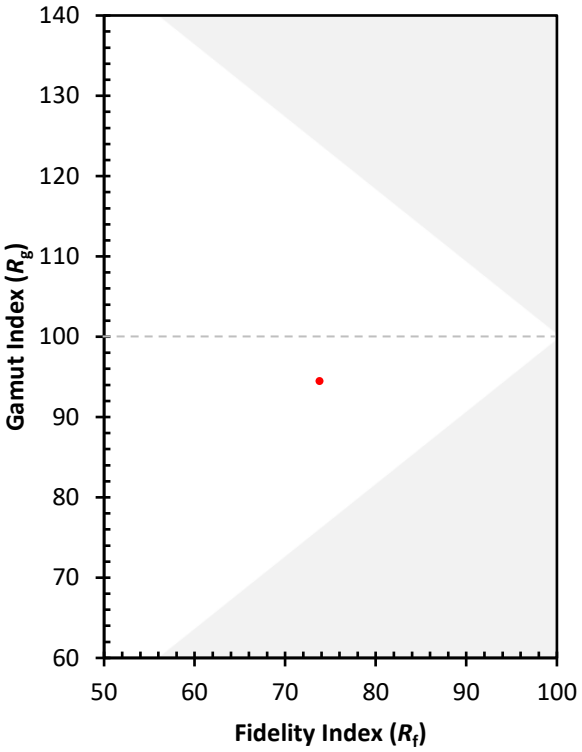


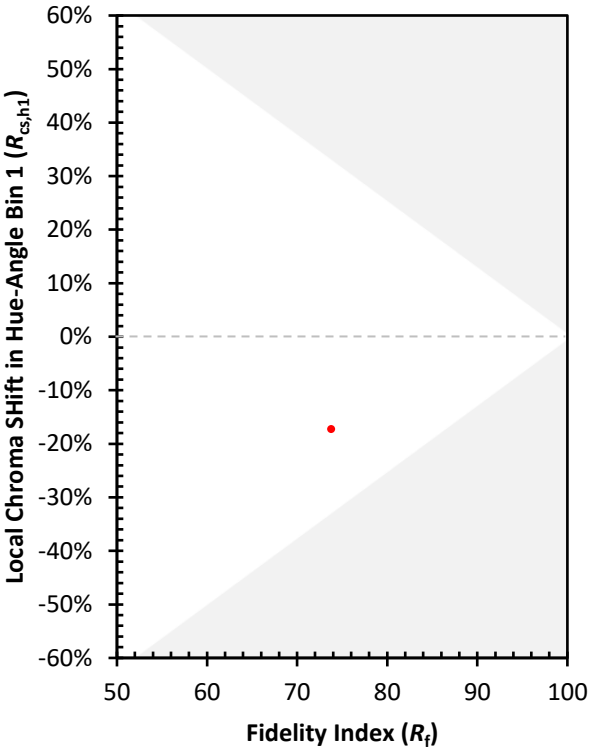


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)