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: P1366900

Luminaire Tested: **GSS-SB6B-730-U-T3R-HSS**

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:	P1366900
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6B-730-U-T3R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 3000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26338.4 lumens
Efficiency:	N/A
Efficacy:	120.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G4

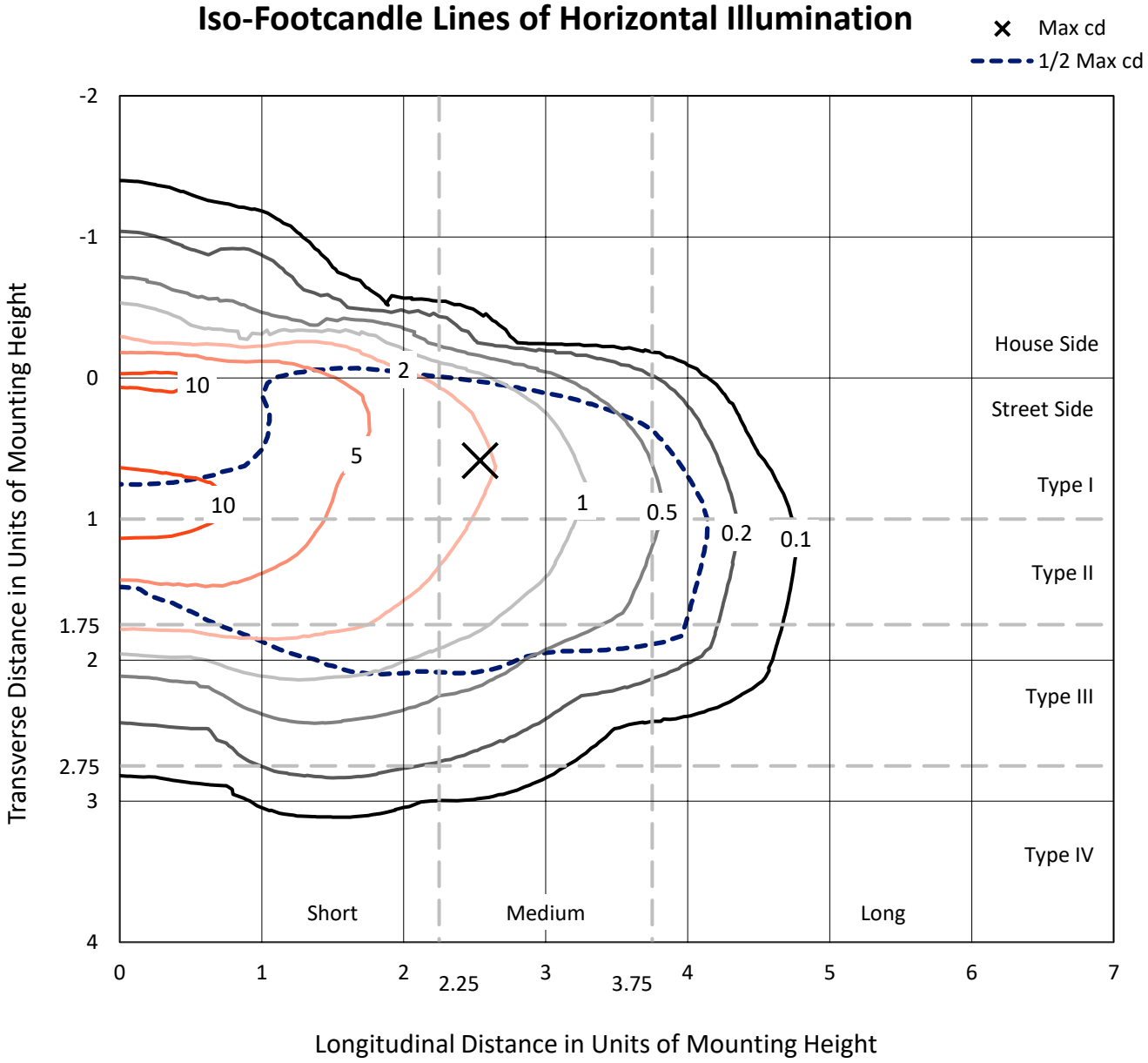
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



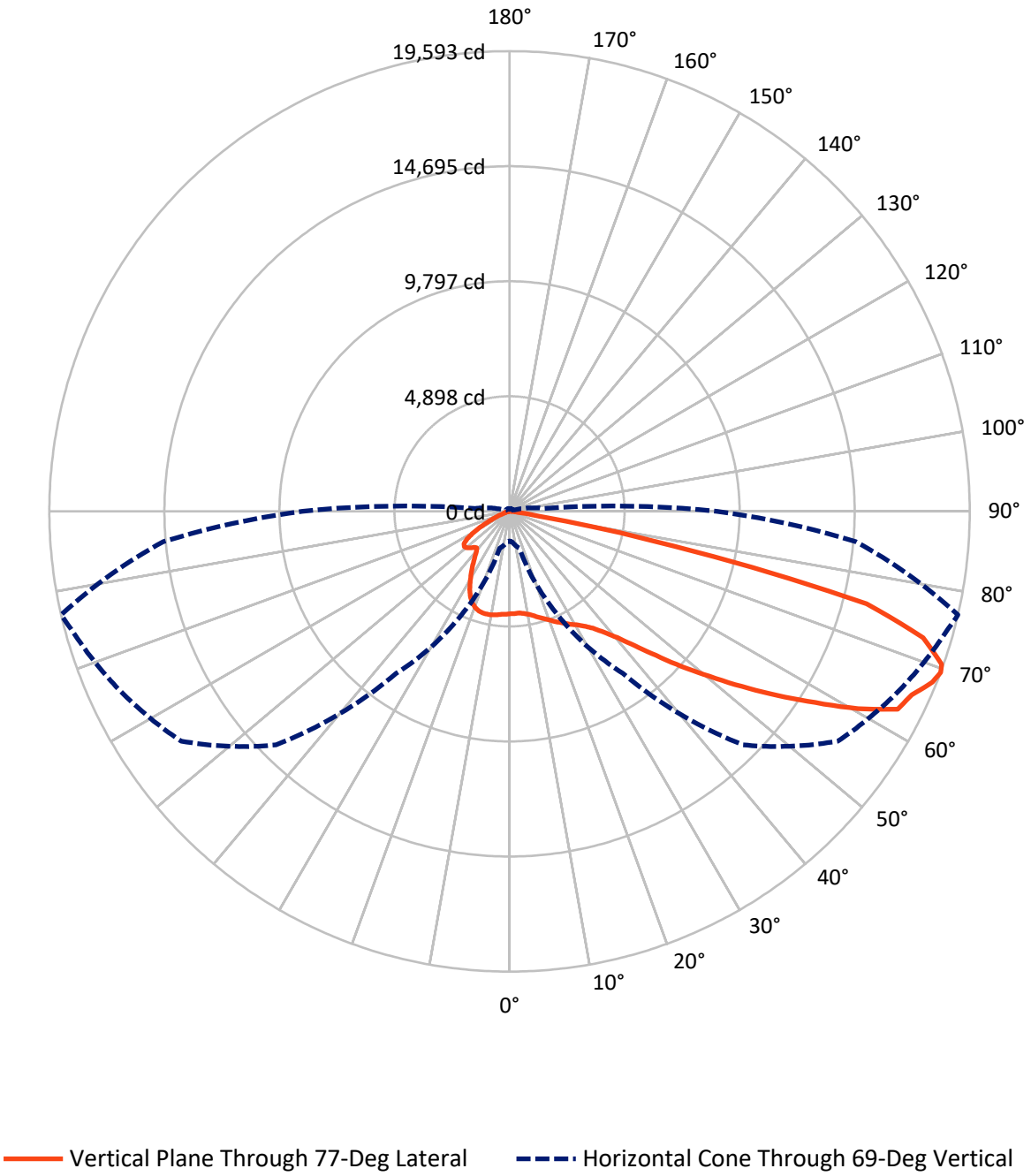
Based on 20 foot mounting height. Maximum calculated value = 12.4 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

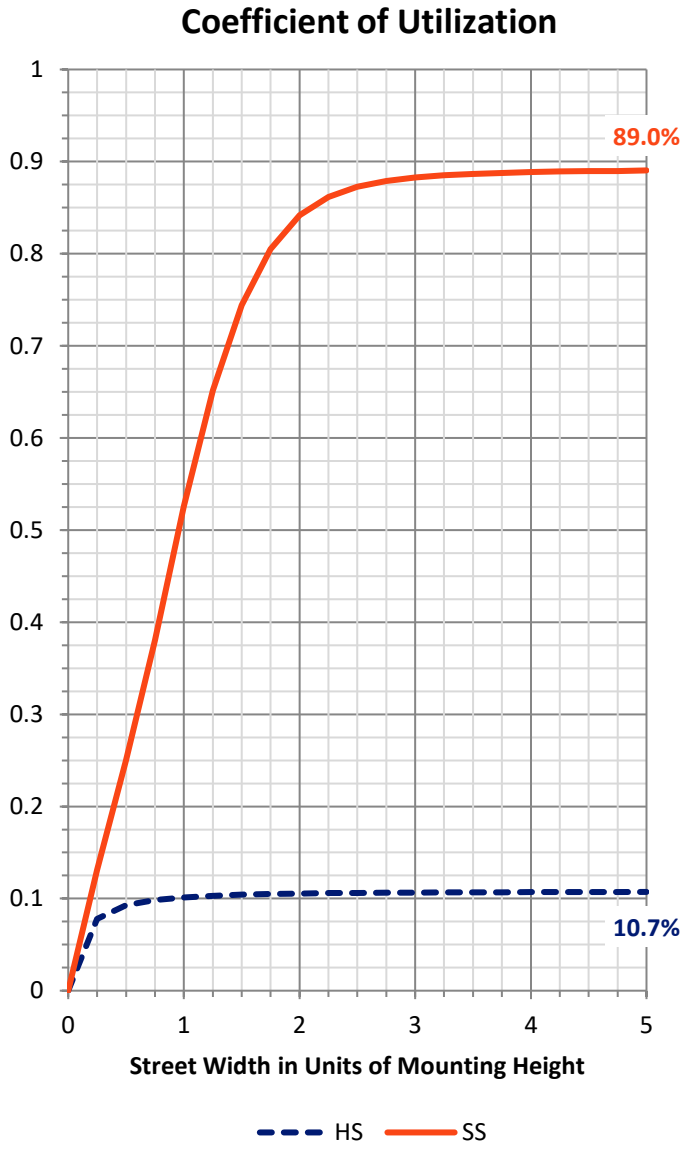
REPORT NUMBER: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2846.9	0.0	2846.9
	% Fixture	10.8	0.0	10.8
Street Side	Lumens	23491.5	0.0	23491.5
	% Fixture	89.2	0.0	89.2
Total	Lumens	26338.4	0.0	26338.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.5	1.4
10°-20°	884.4	3.4
20°-30°	1364.5	5.2
30°-40°	2423.9	9.2
40°-50°	4682.2	17.8
50°-60°	6802.9	25.8
60°-70°	6528.3	24.8
70°-80°	3163.7	12.0
80°-90°	116.1	0.4
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°	26338.4	100.0
0°-180°	26338.4	100.0



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

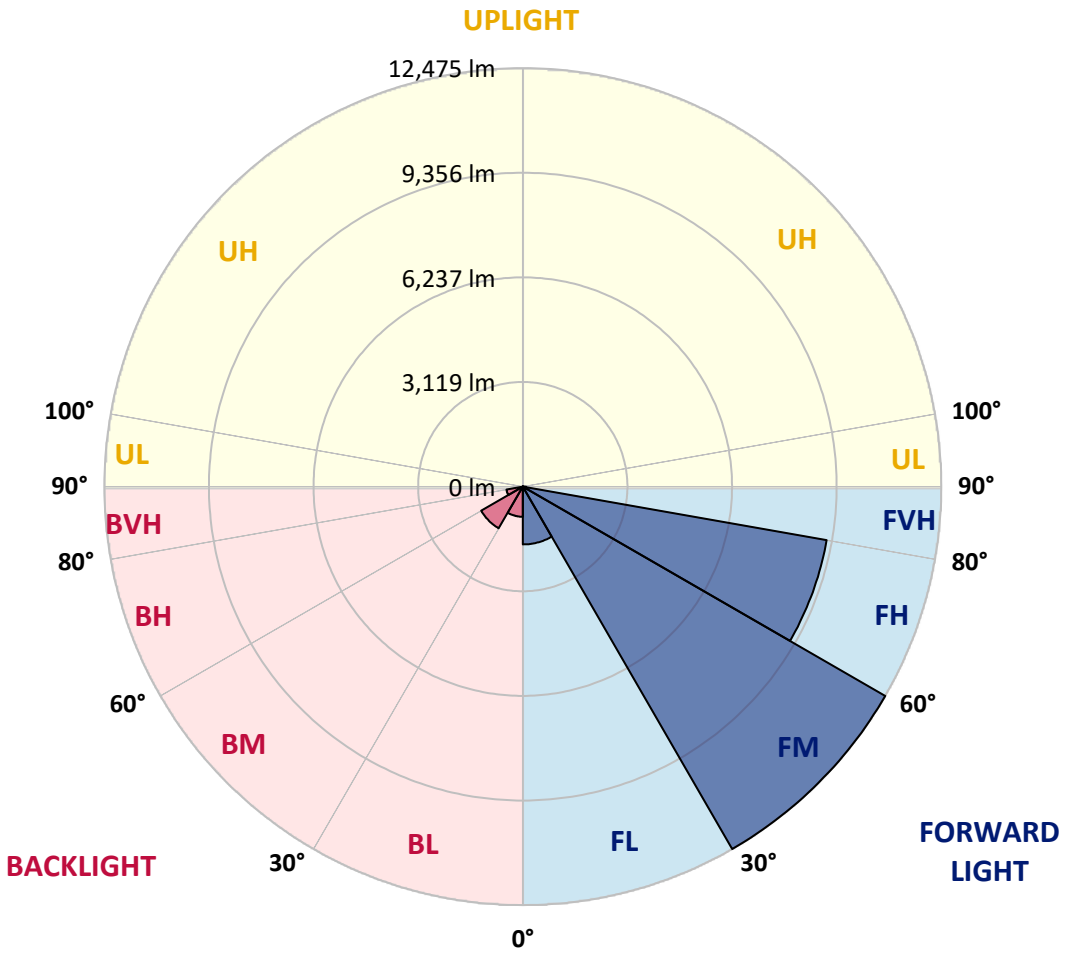
Scaled Data Report

REPORT NUMBER: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1723.1	6.5			
FM	(30°-60°)	12475.0	47.4			
FH	(60°-80°)	9195.7	34.9			G4/12000
FVH	(80°-90°)	97.8	0.4			G1/100
BL	(0°-30°)	898.3	3.4	B2/1000		
BM	(30°-60°)	1434.0	5.4	B2/2500		
BH	(60°-80°)	496.3	1.9	B1/500		G1/500
BVH	(80°-90°)	18.3	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	*4360.0*	4360.0
2.5°	4192.0	4207.3	4184.4	4199.7	4222.6	4237.9	4276.0	4291.3	4344.8	*4360.0*	4375.3
5°	3985.9	4001.1	4001.1	4031.7	4069.9	4115.7	4176.8	4237.9	4337.1	*4344.8*	4413.5
7.5°	3741.5	3733.9	3756.8	3817.9	3894.2	4008.8	4115.7	4222.6	4367.7	*4390.6*	4512.7
10°	3428.5	3428.5	3474.3	3558.3	3680.4	3871.3	4054.6	4215.0	4405.8	*4459.3*	4619.6
12.5°	3252.8	3260.5	3283.4	3352.1	3527.7	3749.2	3993.5	4253.1	4505.1	*4558.6*	4780.0
15°	3184.1	3191.8	3222.3	3291.0	3428.5	3688.1	3978.2	4298.9	4612.0	*4680.7*	4948.0
17.5°	3191.8	3184.1	3207.0	3260.5	3397.9	3649.9	3993.5	4375.3	4726.5	*4810.5*	5123.6
20°	3237.6	3237.6	3237.6	3275.7	3405.6	3649.9	4039.3	4482.2	4871.6	*4948.0*	5337.4
22.5°	3321.6	3306.3	3313.9	3329.2	3451.4	3695.7	4108.1	4596.7	5016.7	*5108.3*	5535.9
25°	3382.7	3375.0	3375.0	3405.6	3520.1	3741.5	4176.8	4772.4	5177.1	*5261.1*	5742.1
27.5°	3764.4	3726.3	3604.1	3504.8	3596.5	3840.8	4276.0	4925.1	5345.0	*5436.7*	5933.0
30°	4963.3	4902.2	4528.0	3993.5	3764.4	3955.3	4405.8	5085.4	5528.3	*5604.7*	6177.3
32.5°	6765.3	6688.9	6108.6	5085.4	4321.9	4184.4	4581.5	5276.3	5734.5	*5818.5*	6467.5
35°	8651.3	8552.1	7979.4	6818.8	5505.4	4696.0	4848.7	5520.7	6017.0	*6108.6*	6879.8
37.5°	10041.1	9972.3	9567.6	8605.5	7024.9	5665.7	5291.6	5871.9	6414.1	*6513.3*	7444.9
40°	11194.1	11148.2	11026.1	10224.3	8735.3	7070.7	6039.9	6414.1	6956.2	*7063.1*	8132.1
42.5°	12202.0	12186.7	12240.2	11881.3	10651.9	8697.2	7170.0	7208.2	7696.9	*7811.4*	9002.6
45°	13034.3	13041.9	13255.7	13431.3	12621.9	10476.3	8475.7	8155.0	8590.3	*8743.0*	9949.4
47.5°	13851.3	13790.2	14179.6	14561.4	14271.3	12278.3	9827.2	9224.0	9689.8	*9865.4*	11003.2
50°	13965.8	13988.8	14660.7	15294.5	15546.4	13981.1	11293.3	10422.8	10858.1	*11026.1*	12125.6
52.5°	13316.8	13454.2	14469.8	15630.4	16294.8	15485.4	12820.5	11705.7	12095.1	*12385.2*	13278.6
55°	10148.0	10468.7	13797.9	15263.9	16416.9	16500.9	14233.1	12927.4	13477.2	*13828.4*	14362.9
57.5°	8827.0	8918.6	10743.5	14500.3	16004.6	17043.1	15424.3	14149.1	14973.8	*15363.2*	15462.5
60°	7582.3	7628.1	9033.1	13286.3	15294.5	16821.6	16424.6	15577.0	16600.2	*17050.7*	16401.7
62.5°	4459.3	4818.2	6391.1	10705.4	14408.7	16531.5	17188.1	17050.7	18142.6	*18547.3*	16516.2
65°	2260.2	2458.7	3413.2	7933.6	12873.9	16371.1	17883.0	17883.0	18432.8	*18822.2*	15676.3
67.5°	1466.1	1542.4	1924.2	5894.8	10002.9	15767.9	17592.8	17898.3	18990.2	*19417.8*	15332.6
69°	*1259.9*	*1313.4*	*1634.1*	*4886.9*	*8422.3*	*14057.5*	*17058.3*	*18226.6*	*19333.8*	*19593.4*	*14790.5*
70°	1130.1	1175.9	1489.0	4260.8	7315.1	11858.4	16752.9	18325.9	19280.3	*19517.1*	14240.7
72.5°	786.5	794.1	1107.2	2519.8	4634.9	7536.5	13591.7	17524.1	18417.5	*18417.5*	12545.6
75°	328.3	389.4	626.1	1107.2	1931.9	4176.8	6582.0	14943.2	15981.7	*15706.8*	9666.9
77.5°	259.6	305.4	542.1	610.9	702.5	1725.7	2336.5	8743.0	7620.5	*7192.9*	3161.2
80°	190.9	221.4	458.1	412.3	259.6	504.0	580.3	1992.9	1427.9	*1252.3*	481.1
82.5°	84.0	106.9	351.2	259.6	145.1	160.4	213.8	420.0	412.3	*366.5*	198.5
85°	45.8	68.7	152.7	91.6	61.1	61.1	84.0	129.8	114.5	*114.5*	84.0
87.5°	0.0	0.0	7.6	7.6	15.3	22.9	30.5	45.8	53.5	*53.5*	53.5
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: P1366900
CATALOG NUMBER: GSS-SB6B-730-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0	4360.0
2.5°	4375.3	4382.9	4382.9	4360.0	4337.1	4306.6	4253.1	4222.6	4207.3	4192.0	4184.4
5°	4413.5	4428.8	4390.6	4291.3	4169.1	4001.1	3848.4	3726.3	3619.4	3596.5	3573.5
7.5°	4512.7	4528.0	4413.5	4161.5	3848.4	3565.9	3260.5	3046.7	2871.1	2832.9	2840.5
10°	4642.6	4657.8	4421.1	3985.9	3512.5	3031.4	2611.4	2244.9	2008.2	1954.8	1886.0
12.5°	4825.8	4810.5	4398.2	3764.4	3084.9	2405.3	1840.2	1443.2	1244.6	1122.5	1145.4
15°	5001.4	4963.3	4352.4	3489.6	2542.7	1718.1	1160.6	939.2	870.5	862.8	862.8
17.5°	5215.2	5123.6	4268.4	3130.7	1924.2	1153.0	878.1	832.3	817.0	824.7	817.0
20°	5413.8	5245.8	4131.0	2680.2	1382.1	885.8	817.0	794.1	786.5	778.8	778.8
22.5°	5627.6	5345.0	3924.8	2160.9	992.7	809.4	778.8	755.9	733.0	725.4	725.4
25°	5833.7	5413.8	3649.9	1641.7	817.0	763.6	725.4	694.9	671.9	656.7	656.7
27.5°	6009.4	5436.7	3306.3	1198.8	748.3	717.8	664.3	626.1	595.6	588.0	588.0
30°	6215.5	5429.0	2886.3	901.0	702.5	656.7	595.6	542.1	519.2	526.9	526.9
32.5°	6429.3	5459.6	2466.4	755.9	656.7	588.0	504.0	458.1	442.9	442.9	450.5
35°	6704.2	5505.4	2069.3	710.1	610.9	504.0	427.6	374.2	366.5	381.8	381.8
37.5°	7063.1	5558.8	1687.5	702.5	572.7	435.2	351.2	320.7	313.1	320.7	320.7
40°	7567.1	5726.8	1328.6	702.5	542.1	389.4	297.8	282.5	282.5	282.5	282.5
42.5°	8284.8	6108.6	1084.3	694.9	526.9	358.9	267.3	252.0	252.0	259.6	259.6
45°	9056.0	6688.9	1007.9	671.9	511.6	358.9	252.0	236.7	244.3	244.3	244.3
47.5°	9796.7	7276.9	1030.8	633.8	496.3	366.5	244.3	229.1	229.1	229.1	229.1
50°	10453.4	7689.2	1069.0	580.3	465.8	358.9	244.3	213.8	221.4	221.4	221.4
52.5°	11140.6	7864.9	1084.3	504.0	420.0	343.6	244.3	206.2	206.2	213.8	213.8
55°	11720.9	7811.4	1023.2	427.6	366.5	320.7	229.1	198.5	198.5	198.5	198.5
57.5°	12209.6	7422.0	832.3	358.9	313.1	267.3	213.8	190.9	190.9	190.9	190.9
60°	12385.2	6444.6	610.9	305.4	252.0	221.4	198.5	183.3	175.6	175.6	168.0
62.5°	11713.3	4970.9	420.0	259.6	213.8	190.9	175.6	168.0	160.4	145.1	137.4
65°	10445.7	3420.8	305.4	213.8	183.3	160.4	160.4	152.7	129.8	114.5	106.9
67.5°	9483.6	2099.8	244.3	175.6	152.7	137.4	137.4	137.4	122.2	99.3	99.3
69°	*8819.3*	*1458.4*	*221.4*	*160.4*	*137.4*	*122.2*	*122.2*	*129.8*	*114.5*	*91.6*	*91.6*
70°	8246.6	1145.4	206.2	145.1	122.2	114.5	114.5	122.2	106.9	84.0	84.0
72.5°	6879.8	565.0	175.6	122.2	99.3	91.6	99.3	99.3	91.6	68.7	68.7
75°	5016.7	336.0	145.1	99.3	76.4	68.7	84.0	84.0	68.7	53.5	53.5
77.5°	1626.4	198.5	114.5	84.0	68.7	61.1	68.7	61.1	53.5	38.2	38.2
80°	343.6	122.2	84.0	61.1	53.5	45.8	45.8	38.2	38.2	30.5	30.5
82.5°	152.7	91.6	61.1	53.5	38.2	38.2	30.5	30.5	22.9	22.9	22.9
85°	76.4	61.1	45.8	38.2	30.5	30.5	22.9	22.9	22.9	22.9	22.9
87.5°	53.5	45.8	38.2	22.9	22.9	22.9	15.3	15.3	15.3	15.3	15.3
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

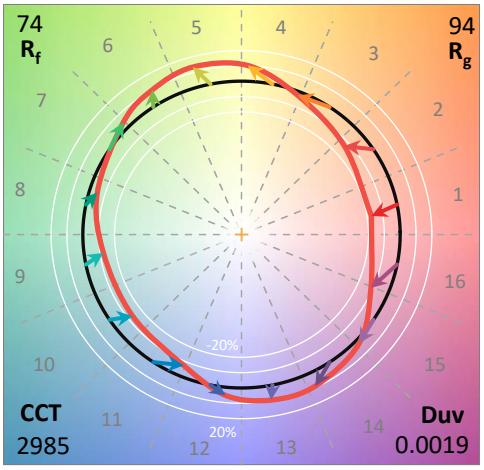
Test Information

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

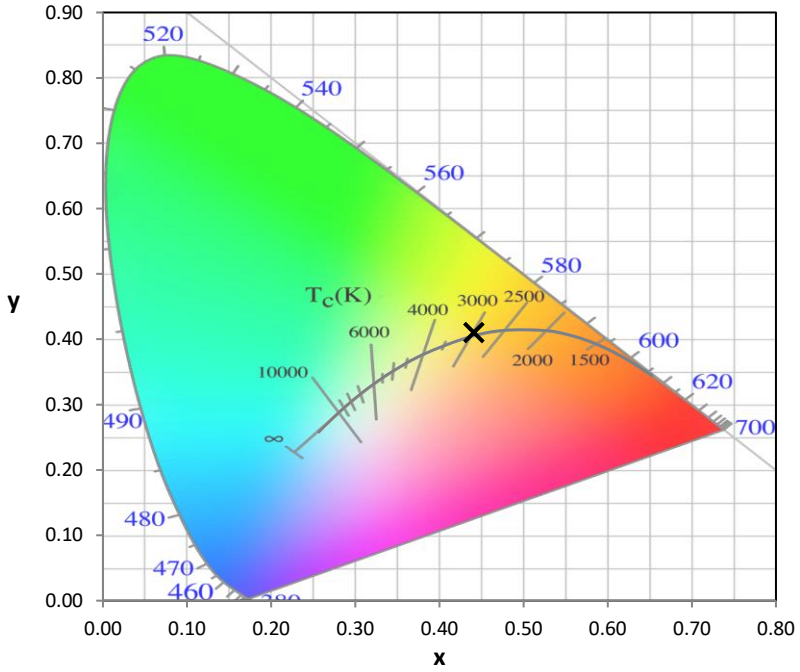
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

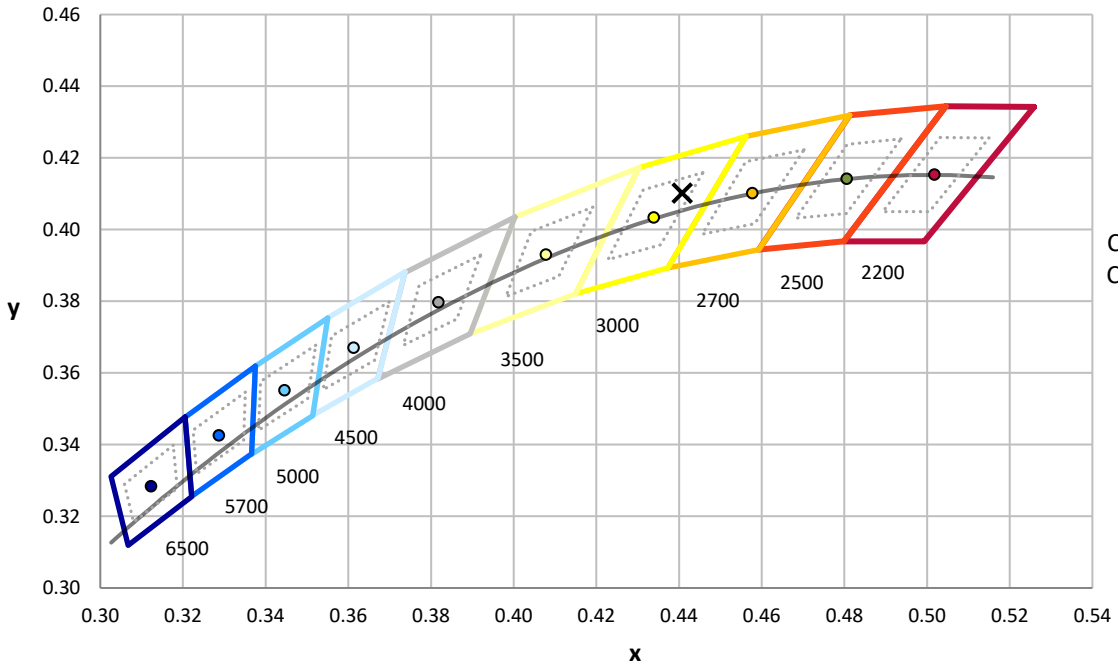
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

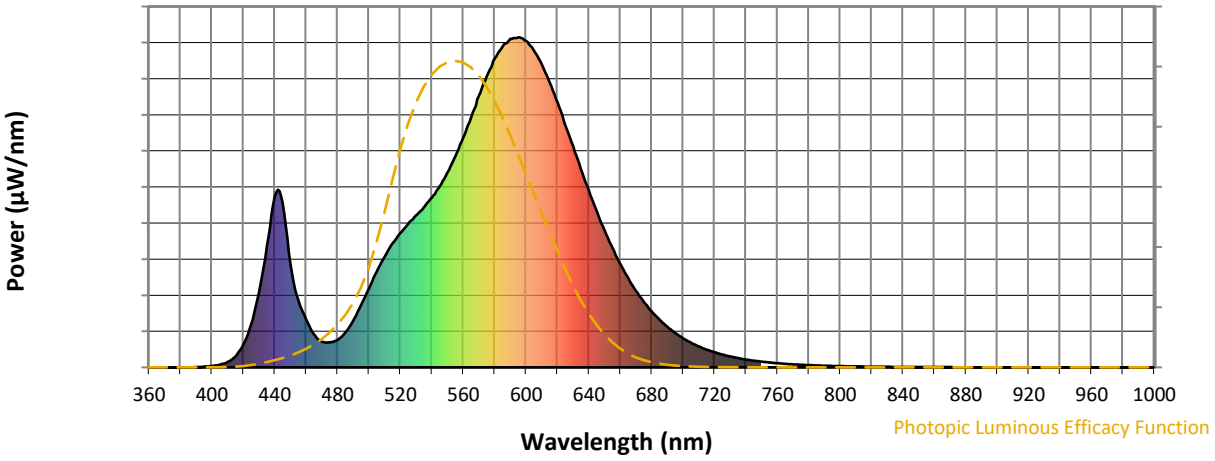


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

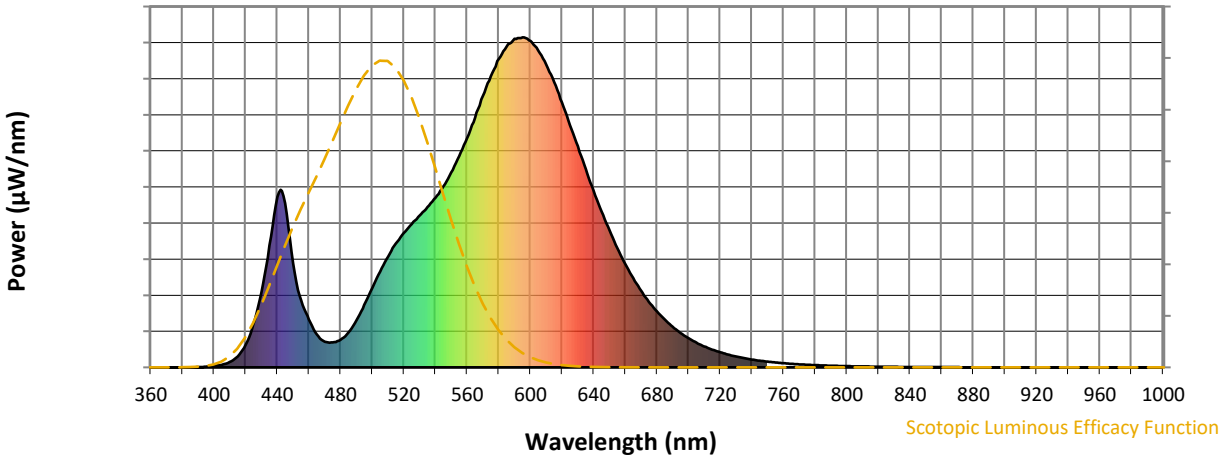


Photopic Lumens: NR

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

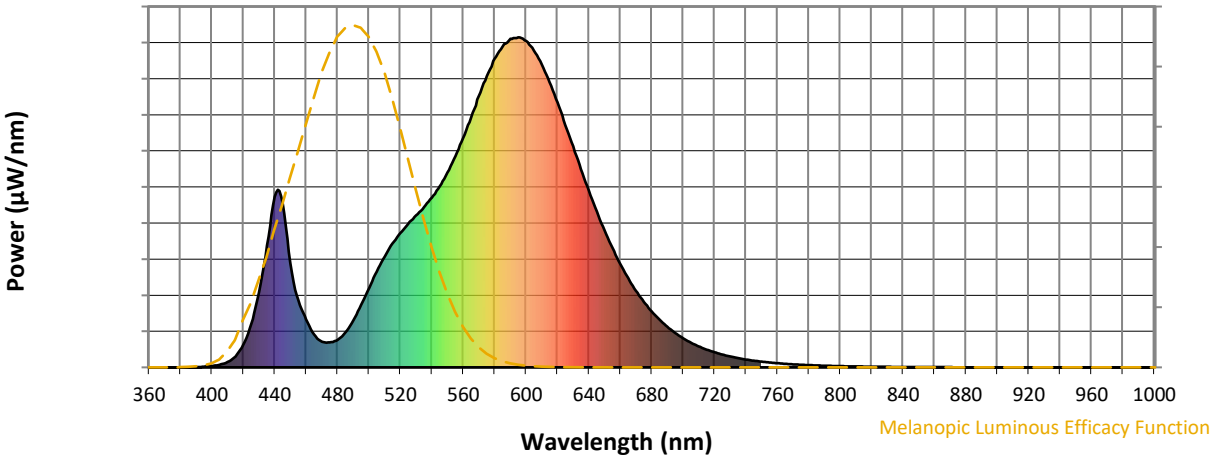


Scotopic Lumens: NR **S/P: 1.19**

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			

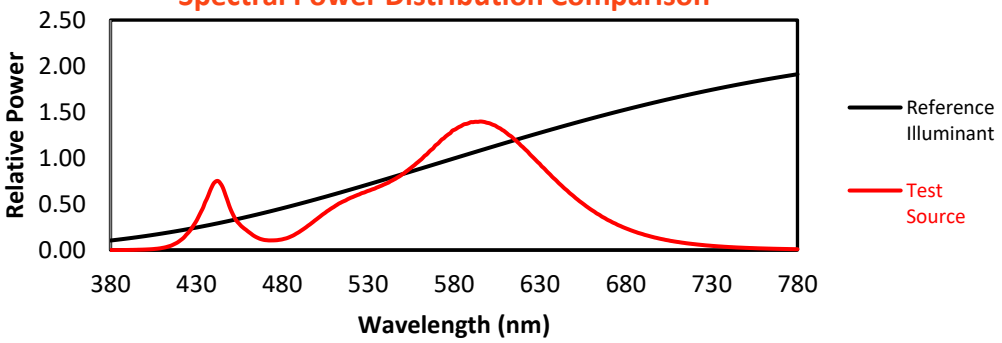
REPORT NUMBER: SP1-2407-184-4

TM-30-18

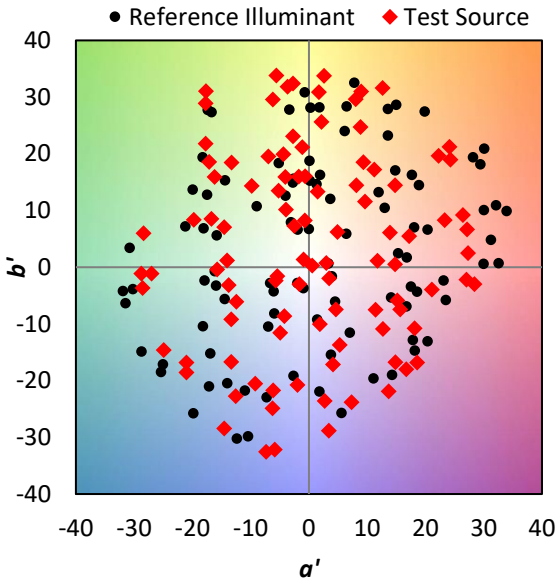
Summary

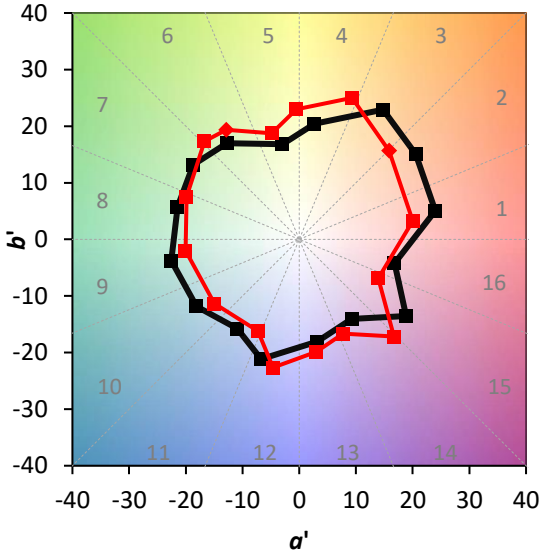
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

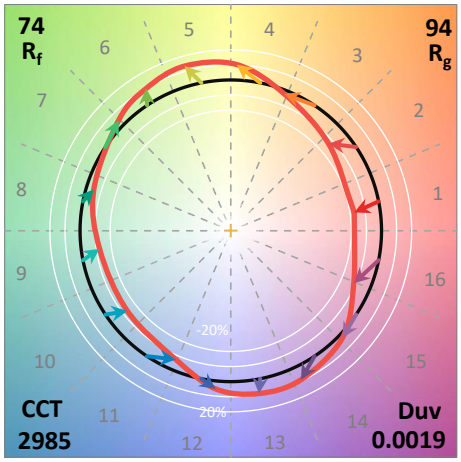
Spectral Power Distribution Comparison

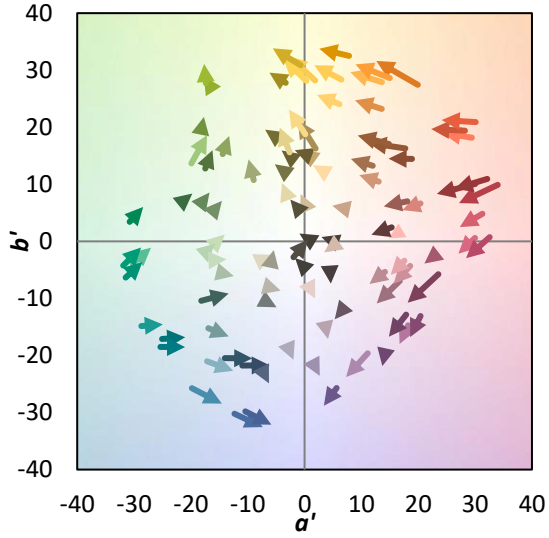


Color Vector Graphics







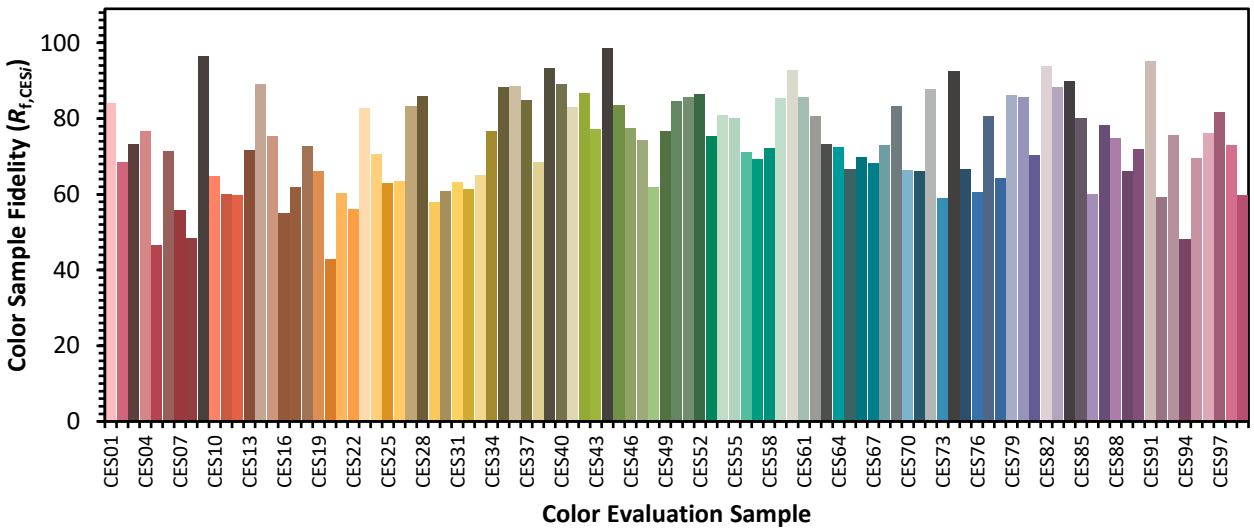


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

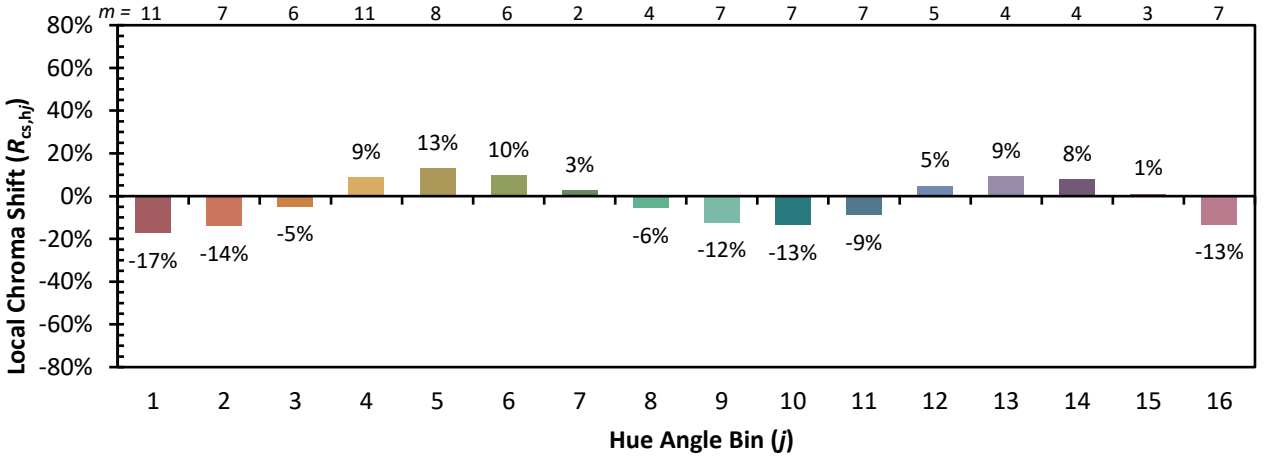
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

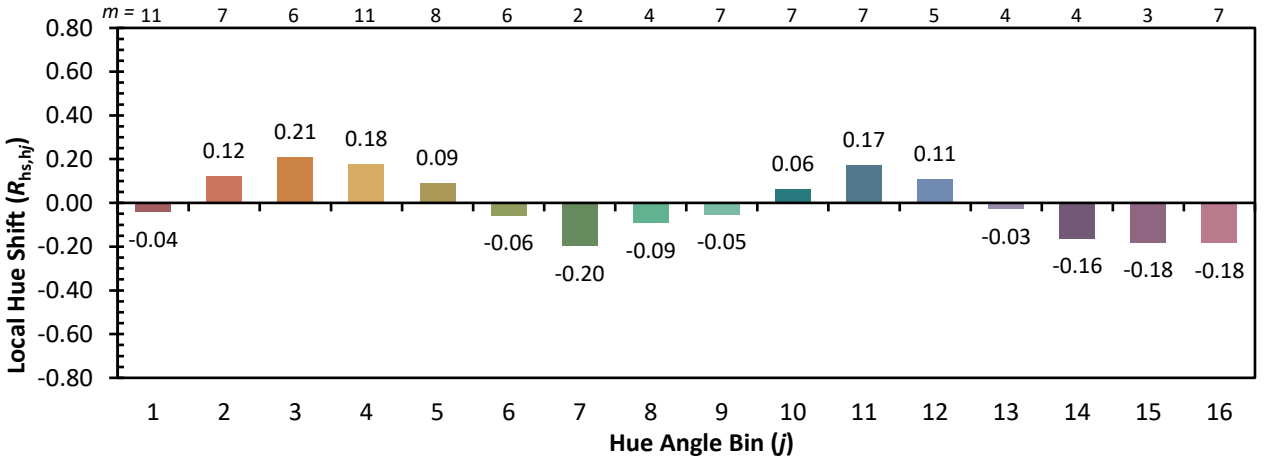


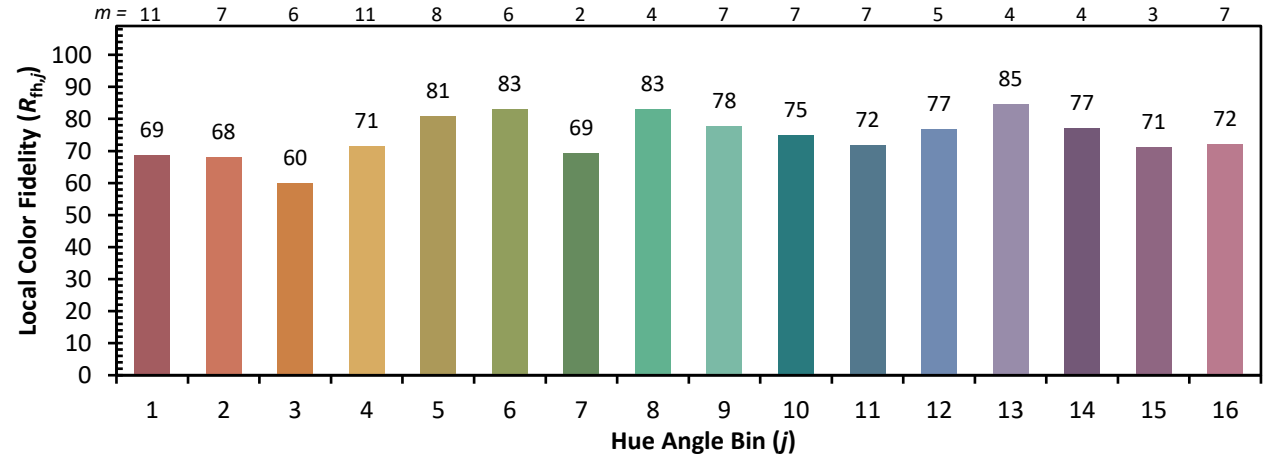
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



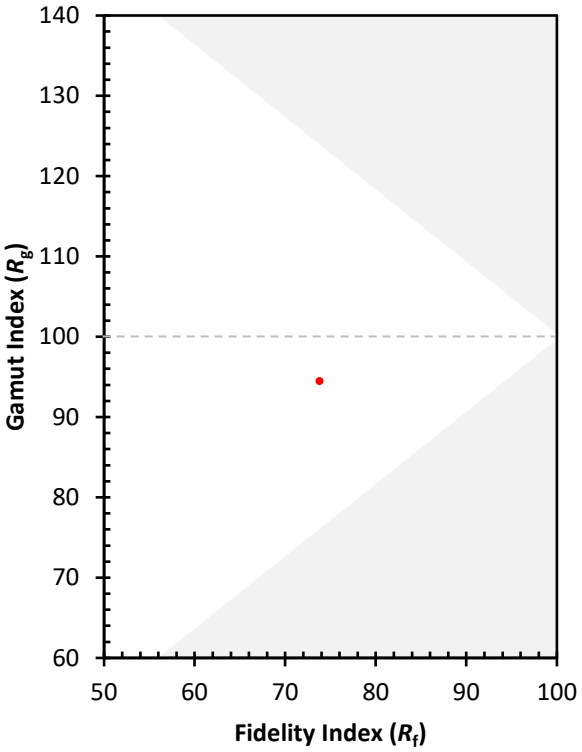


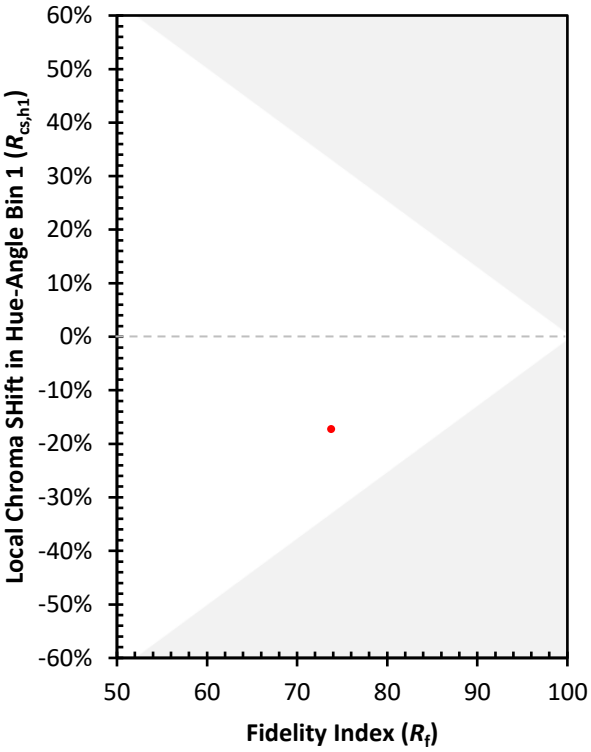


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)