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: P1367284

Luminaire Tested: **GSS-SB6B-730-U-T4W**

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:	P1367284
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-T4W
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31469.8 lumens
Efficiency:	N/A
Efficacy:	143.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

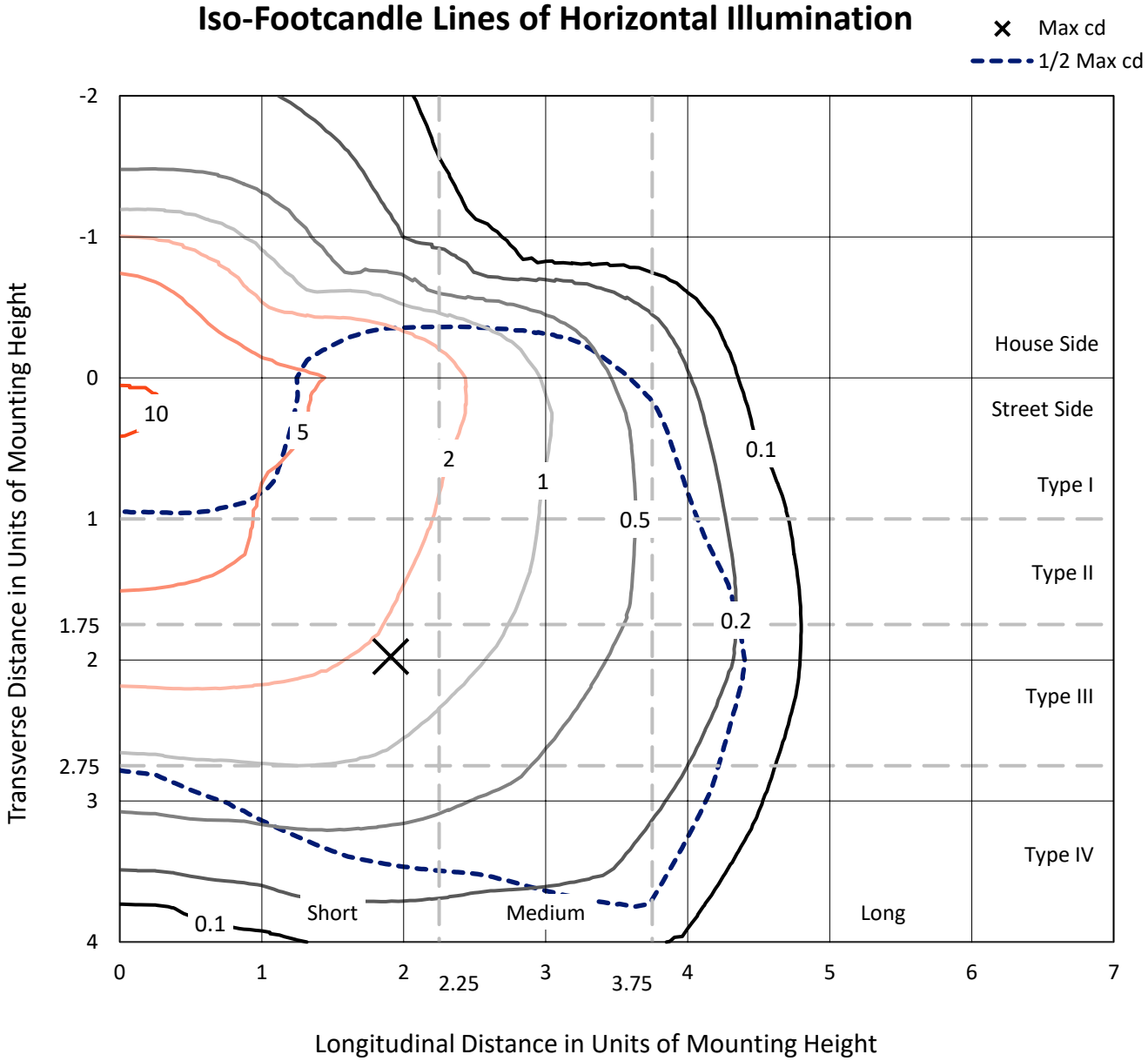
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



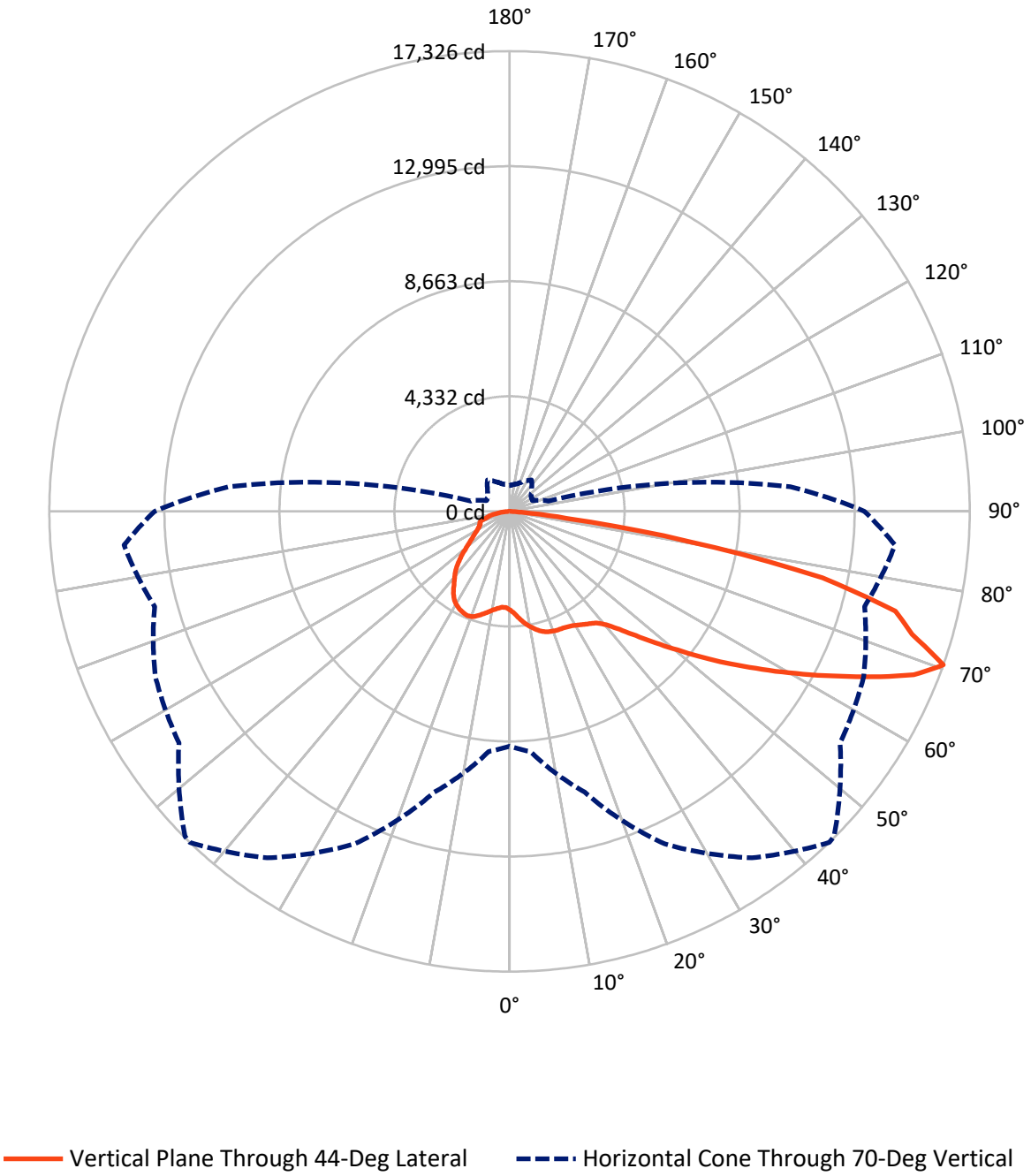
Based on 20 foot mounting height. Maximum calculated value = 11.4 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

Luminous Intensity Polar Plot



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

Scaled Data Report

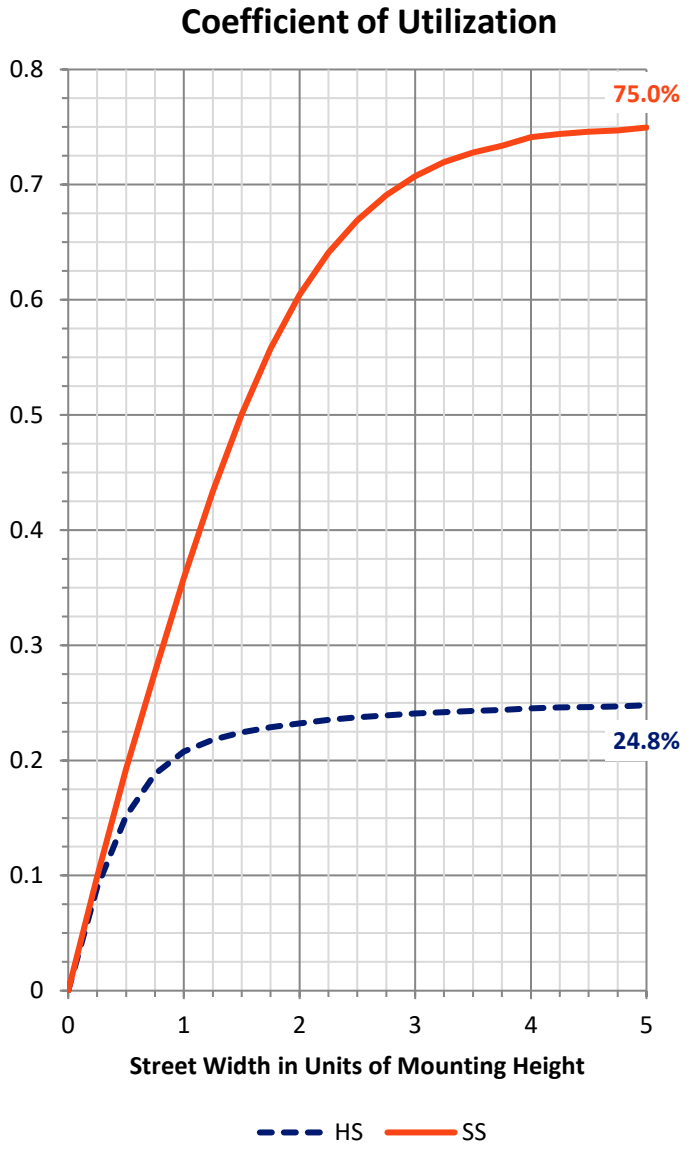
REPORT NUMBER: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7885.4	0.0	7885.4
	% Fixture	25.1	0.0	25.1
Street Side	Lumens	23584.5	0.0	23584.5
	% Fixture	74.9	0.0	74.9
Total	Lumens	31469.8	0.0	31469.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	375.3	1.2
10°-20°	1232.0	3.9
20°-30°	2119.9	6.7
30°-40°	2988.5	9.5
40°-50°	4135.4	13.1
50°-60°	6141.4	19.5
60°-70°	8207.8	26.1
70°-80°	5790.0	18.4
80°-90°	479.5	1.5
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°	31469.8	100.0
0°-180°	31469.8	100.0



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

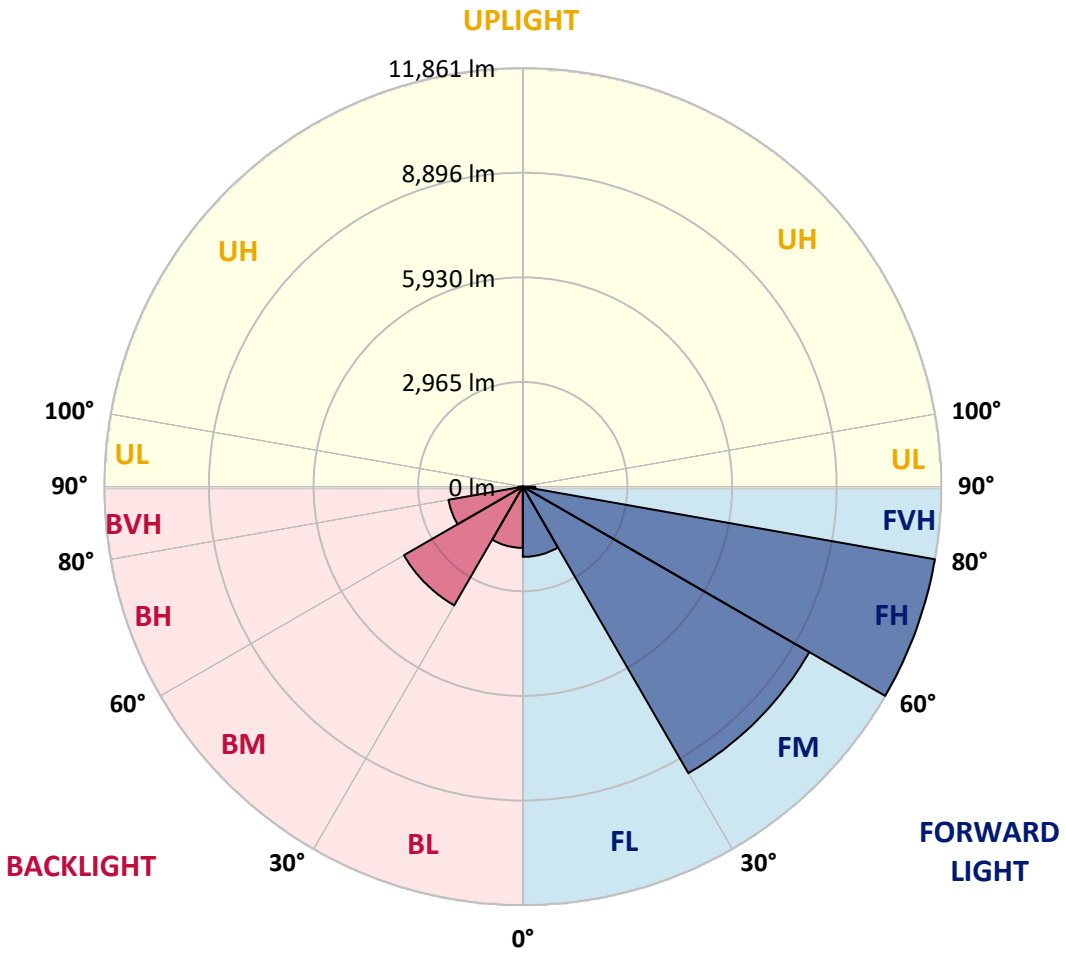
Scaled Data Report

REPORT NUMBER: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1991.6	6.3			
FM	(30°-60°)	9377.3	29.8			
FH	(60°-80°)	11860.7	37.7			G4/12000
FVH	(80°-90°)	354.9	1.1			G3/500
BL	(0°-30°)	1735.6	5.5	B3/2500		
BM	(30°-60°)	3888.0	12.4	B3/5000		
BH	(60°-80°)	2137.1	6.8	B3/2500		G3/2500
BVH	(80°-90°)	124.6	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 IV Short



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

Scaled Data Report

REPORT NUMBER: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	3718.7	3718.7	3718.7	3718.7	3718.7	*3718.7*	3718.7	3718.7	3718.7	3718.7	3718.7
2.5°	3993.6	3970.7	3947.8	3940.2	3909.6	*3863.8*	3863.8	3848.5	3810.4	3779.8	3756.9
5°	4253.2	4260.9	4222.7	4192.2	4146.3	*4070.0*	4077.6	4008.9	3932.5	3848.5	3787.4
7.5°	4505.2	4505.2	4459.4	4421.2	4360.1	*4268.5*	4268.5	4161.6	4070.0	3955.4	3871.4
10°	4734.3	4719.0	4658.0	4612.1	4528.1	*4428.9*	4421.2	4314.3	4199.8	4070.0	3955.4
12.5°	4909.9	4909.9	4848.9	4772.5	4680.9	*4574.0*	4566.3	4451.8	4337.2	4199.8	4062.3
15°	5077.9	5039.8	4986.3	4887.0	4780.1	*4696.1*	4680.9	4581.6	4467.1	4344.9	4192.2
17.5°	5139.0	5123.7	5055.0	4955.8	4856.5	*4764.9*	4764.9	4673.2	4589.2	4467.1	4314.3
20°	5123.7	5100.8	5039.8	4955.8	4879.4	*4803.0*	4803.0	4734.3	4688.5	4574.0	4436.5
22.5°	5047.4	5024.5	4986.3	4909.9	4871.8	*4825.9*	4825.9	4787.8	4772.5	4703.8	4574.0
25°	5024.5	5009.2	4955.8	4887.0	4848.9	*4841.2*	4848.9	4856.5	4871.8	4818.3	4711.4
27.5°	5039.8	5039.8	4993.9	4925.2	4879.4	*4887.0*	4894.7	4940.5	4986.3	4955.8	4864.1
30°	5139.0	5116.1	5085.6	5016.8	4963.4	*4971.0*	4971.0	5062.7	5108.5	5070.3	5001.6
32.5°	5307.0	5284.1	5238.3	5093.2	5039.8	*5077.9*	5093.2	5169.6	5200.1	5161.9	5131.4
35°	5696.4	5719.4	5566.6	5307.0	5161.9	*5192.5*	5207.7	5261.2	5299.4	5284.1	5253.6
37.5°	6406.6	6414.2	6223.3	5757.5	5421.5	*5329.9*	5337.6	5413.9	5459.7	5406.3	5383.4
40°	7292.4	7300.0	7032.7	6399.0	5833.9	*5604.8*	5597.2	5612.4	5681.2	5589.5	5574.3
42.5°	8254.5	8147.6	7918.5	7193.1	6444.8	*6063.0*	5994.2	5948.4	6032.4	5917.9	5841.5
45°	9170.8	9094.5	8781.4	8033.1	7177.8	*6666.2*	6597.5	6368.4	6505.9	6414.2	6276.8
47.5°	9934.4	9873.3	9636.6	8941.7	8010.1	*7391.6*	7284.7	6925.8	7170.2	7124.4	6956.4
50°	10499.5	10438.4	10278.0	9850.4	9063.9	*8201.0*	8101.8	7666.5	7918.5	8002.5	7872.7
52.5°	10911.8	10896.6	10835.5	10766.7	10133.0	*9140.3*	9025.7	8483.6	8895.9	9056.3	9018.1
55°	11538.0	11507.4	11530.3	11644.9	11278.4	*10140.6*	9972.6	9338.8	9903.9	10201.7	10262.8
57.5°	12133.6	12133.6	12332.1	12629.9	12584.1	*11217.3*	11018.7	10339.1	11125.6	11270.7	11560.9
60°	12691.0	12744.5	13019.4	13676.1	13805.9	*12385.6*	12148.9	11492.2	12286.3	12446.7	12973.5
62.5°	12454.3	12584.1	13462.2	14523.6	14951.3	*13637.9*	13401.2	12759.7	13592.1	13401.2	13874.6
65°	11247.8	11446.3	12805.5	14577.1	16066.1	*15012.3*	14813.8	14187.7	14309.8	13546.2	14378.6
67.5°	9980.2	10270.4	11851.0	13928.0	16356.3	*16417.4*	16241.7	15065.8	14302.2	13699.0	14890.2
70°	*8842.5*	*9079.2*	*10942.4*	*13813.5*	*15921.0*	*17326.1*	*17287.9*	*15195.6*	*14714.5*	*13836.4*	*14569.5*
72.5°	6200.4	6528.8	8437.8	12752.1	16050.8	*15844.7*	15760.7	16104.3	15020.0	13332.4	12912.5
75°	2229.7	2359.5	4375.4	8628.7	12759.7	*15004.7*	15073.4	14920.7	14722.2	11942.7	9705.3
77.5°	664.3	710.1	1244.7	3420.9	7154.9	*12041.9*	12156.5	11751.8	11064.5	7200.7	3672.9
80°	358.9	389.4	588.0	1000.3	2680.2	*6796.0*	7109.1	6017.2	3986.0	1901.4	824.7
82.5°	175.6	190.9	305.4	488.7	1153.0	*2161.0*	2168.6	1924.3	1298.1	572.7	305.4
85°	61.1	68.7	99.3	183.3	397.1	*442.9*	442.9	412.3	381.8	282.5	137.4
87.5°	15.3	15.3	22.9	30.5	38.2	*45.8*	45.8	53.5	61.1	68.7	68.7
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: P1367284
CATALOG NUMBER: GSS-SB6B-730-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7	3718.7
2.5°	3741.6	3711.1	3688.2	3665.3	3650.0	3619.5	3611.8	3611.8	3604.2	3611.8	3604.2
5°	3764.5	3718.7	3680.5	3650.0	3634.7	3619.5	3619.5	3627.1	3619.5	3627.1	3619.5
7.5°	3810.4	3779.8	3741.6	3695.8	3688.2	3680.5	3688.2	3703.5	3711.1	3718.7	3703.5
10°	3902.0	3856.2	3802.7	3779.8	3764.5	3756.9	3779.8	3810.4	3818.0	3833.3	3818.0
12.5°	4008.9	3955.4	3917.3	3863.8	3863.8	3871.4	3894.4	3932.5	3955.4	3978.3	3955.4
15°	4131.1	4077.6	4024.2	3978.3	3970.7	3986.0	4024.2	4062.3	4070.0	4077.6	4062.3
17.5°	4253.2	4199.8	4131.1	4077.6	4070.0	4108.2	4123.4	4123.4	4108.2	4108.2	4085.3
20°	4375.4	4337.2	4268.5	4169.2	4199.8	4215.1	4169.2	4131.1	4108.2	4100.5	4077.6
22.5°	4520.5	4459.4	4383.1	4276.2	4299.1	4238.0	4154.0	4138.7	4115.8	4123.4	4100.5
25°	4658.0	4619.8	4497.6	4360.1	4299.1	4199.8	4146.3	4146.3	4123.4	4138.7	4131.1
27.5°	4818.3	4772.5	4604.5	4406.0	4245.6	4138.7	4131.1	4131.1	4092.9	4100.5	4092.9
30°	4978.7	4909.9	4688.5	4367.8	4115.8	4047.1	4070.0	4062.3	4047.1	4070.0	4085.3
32.5°	5116.1	5062.7	4734.3	4276.2	3955.4	3924.9	3940.2	3978.3	4016.5	4039.4	4070.0
35°	5261.2	5200.1	4772.5	4115.8	3779.8	3734.0	3726.4	3840.9	3909.6	3947.8	3970.7
37.5°	5413.9	5337.6	4795.4	3940.2	3611.8	3474.4	3497.3	3588.9	3665.3	3734.0	3787.4
40°	5620.1	5543.7	4825.9	3749.3	3436.2	3252.9	3222.4	3245.3	3298.7	3398.0	3451.5
42.5°	5925.5	5803.3	4825.9	3504.9	3184.2	3054.4	2947.5	2863.5	2833.0	2894.0	2924.6
45°	6345.5	6162.2	4795.4	3252.9	2894.0	2802.4	2626.8	2489.3	2367.2	2306.1	2290.8
47.5°	7040.4	6719.7	4764.9	3008.6	2619.1	2504.6	2290.8	2130.4	1954.8	1794.5	1756.3
50°	7972.0	7460.4	4772.5	2764.2	2344.2	2191.5	2000.6	1832.6	1626.5	1473.7	1450.8
52.5°	9201.4	8498.9	4818.3	2497.0	2077.0	1939.5	1779.2	1611.2	1405.0	1290.5	1282.8
55°	10629.3	9751.2	4978.7	2199.2	1832.6	1725.7	1611.2	1450.8	1275.2	1175.9	1160.7
57.5°	12293.9	11202.0	5299.4	1886.1	1611.2	1573.0	1481.4	1328.7	1183.6	1084.3	1069.0
60°	13935.7	12607.0	5543.7	1611.2	1435.6	1435.6	1351.6	1237.0	1038.5	954.5	939.2
62.5°	14699.3	13042.3	5077.9	1389.7	1298.1	1321.0	1267.6	1107.2	1046.1	1008.0	985.0
65°	14882.5	12797.9	3818.0	1221.8	1183.6	1259.9	1175.9	1183.6	1130.1	1091.9	1069.0
67.5°	14661.1	12103.0	2443.5	1076.7	1099.6	1183.6	1298.1	1305.8	1130.1	1046.1	1030.9
70°	*13363.0*	*10614.0*	*1504.3*	*954.5*	*985.0*	*1168.3*	*1443.2*	*1229.4*	*1069.0*	*1000.3*	*969.8*
72.5°	11148.5	8758.5	1053.8	840.0	840.0	1107.2	1298.1	1153.0	985.0	946.9	908.7
75°	7826.9	5925.5	771.2	702.5	702.5	862.9	1198.8	1053.8	924.0	939.2	924.0
77.5°	2665.0	1924.3	557.4	542.2	519.2	740.7	1069.0	1008.0	855.2	809.4	748.3
80°	786.5	618.5	412.3	381.8	374.2	595.6	901.0	740.7	610.9	557.4	519.2
82.5°	305.4	274.9	267.3	244.4	236.7	397.1	595.6	511.6	458.2	381.8	374.2
85°	122.2	122.2	137.4	137.4	122.2	213.8	358.9	282.5	267.3	236.7	229.1
87.5°	61.1	61.1	53.5	38.2	38.2	45.8	38.2	38.2	38.2	38.2	38.2
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

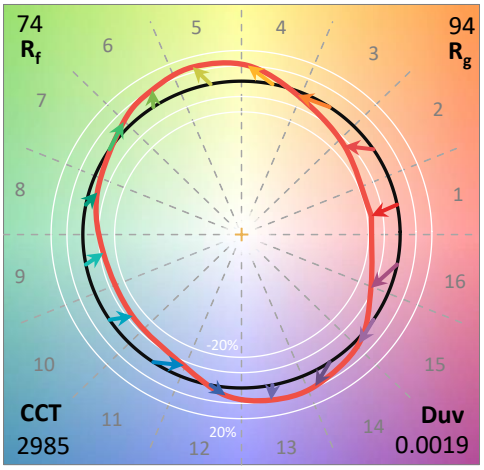
Test Information

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

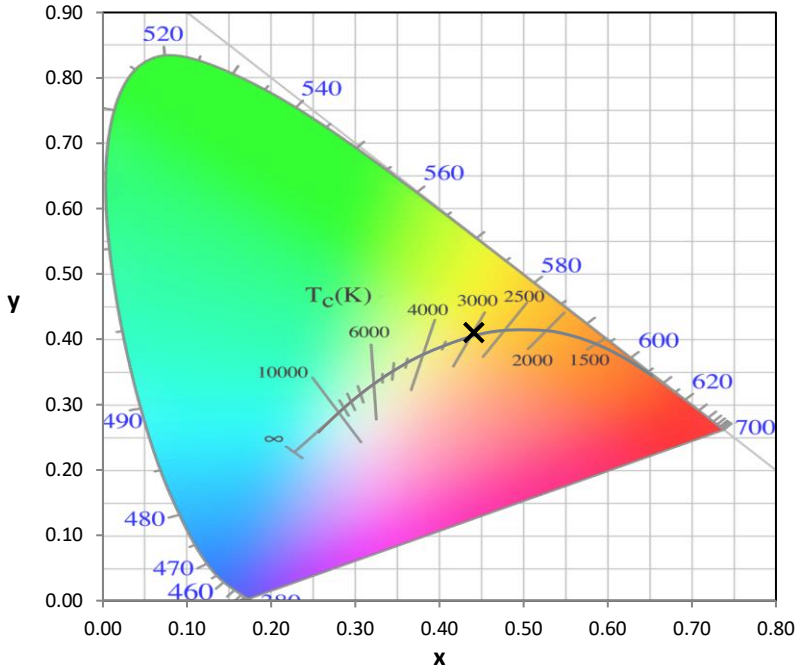
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

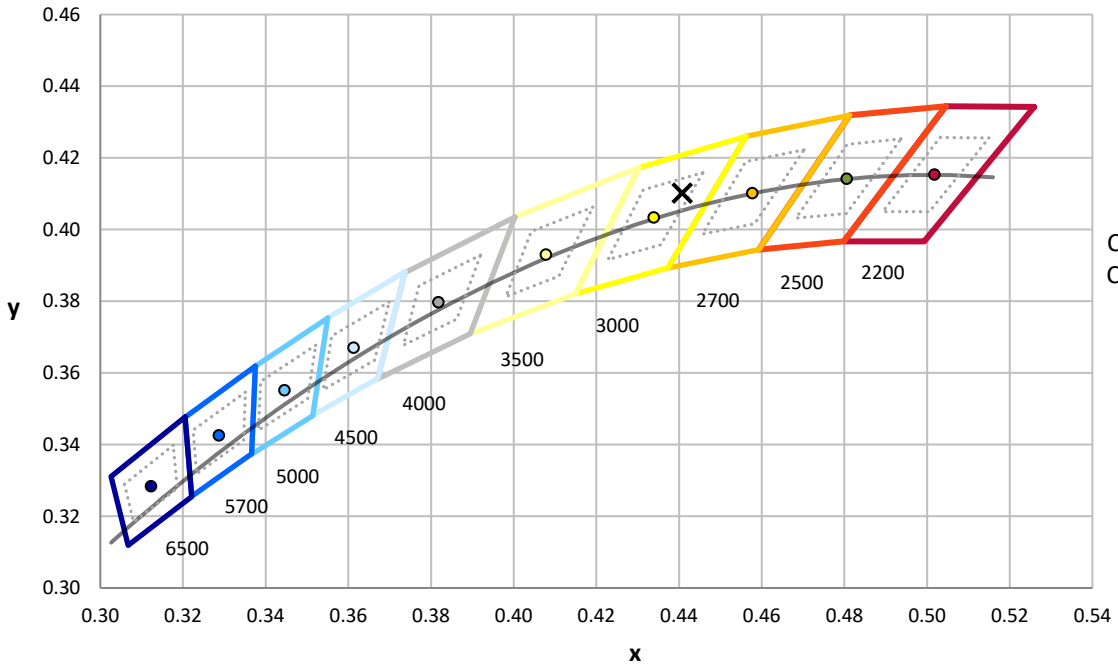
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

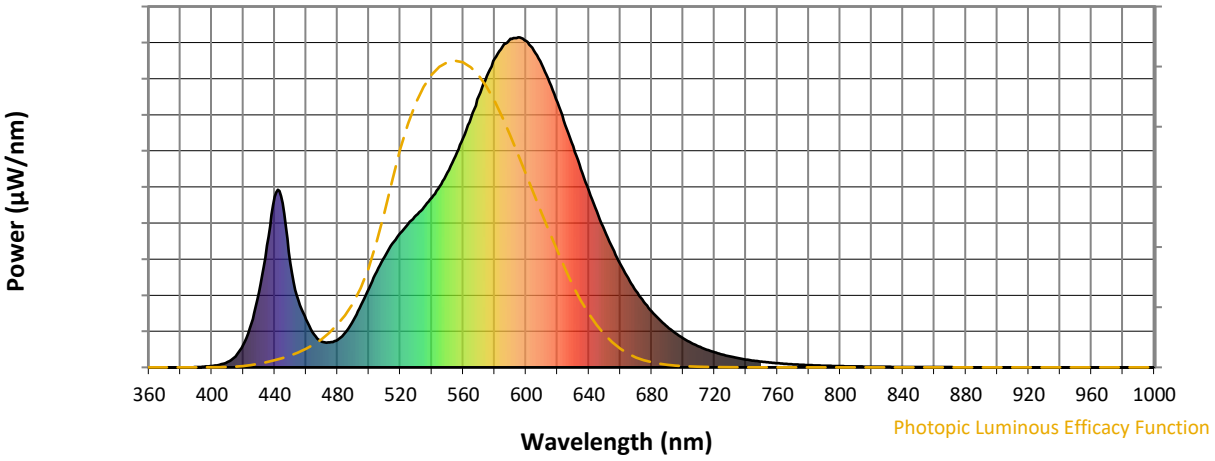


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

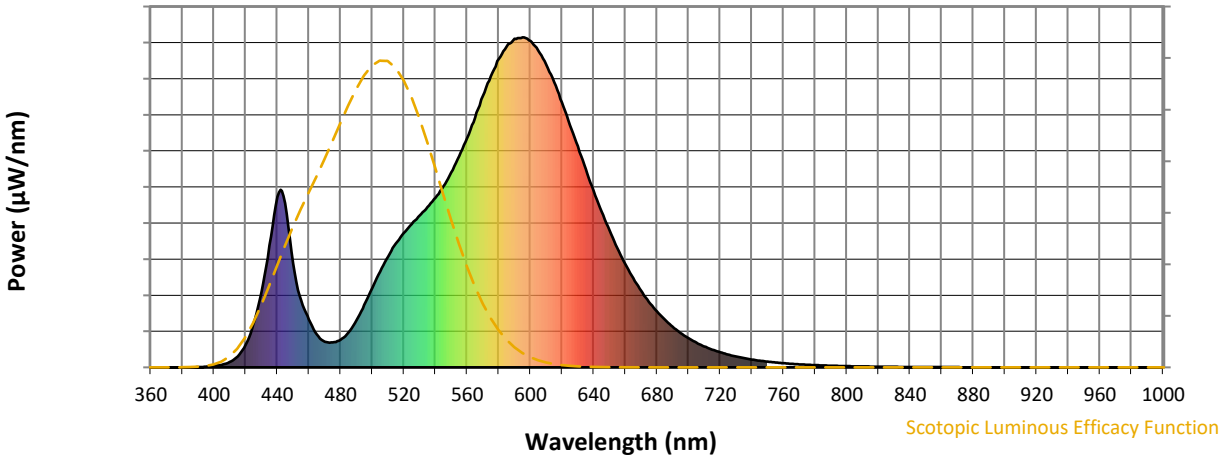


Photopic Lumens: NR

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

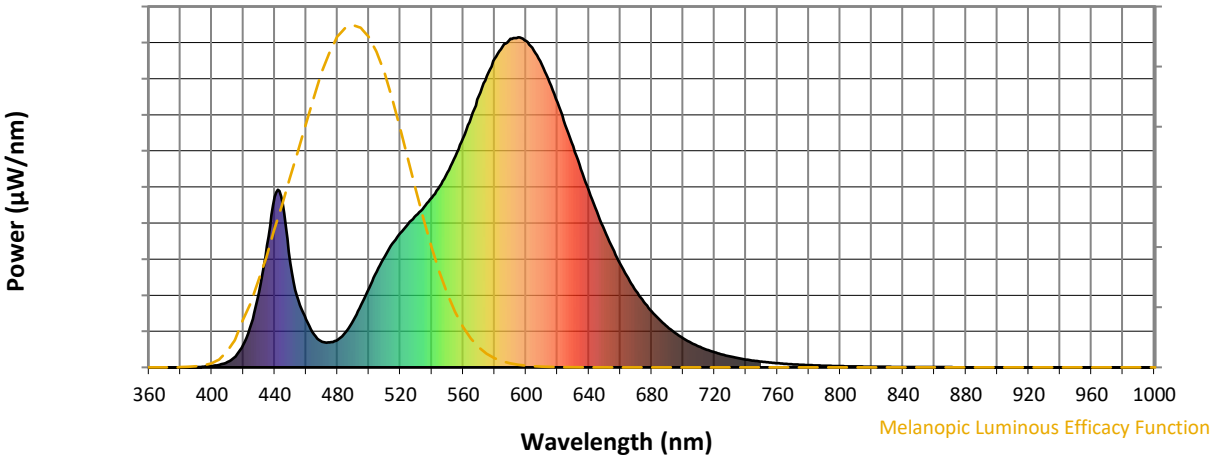


Scotopic Lumens: NR **S/P: 1.19**

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			

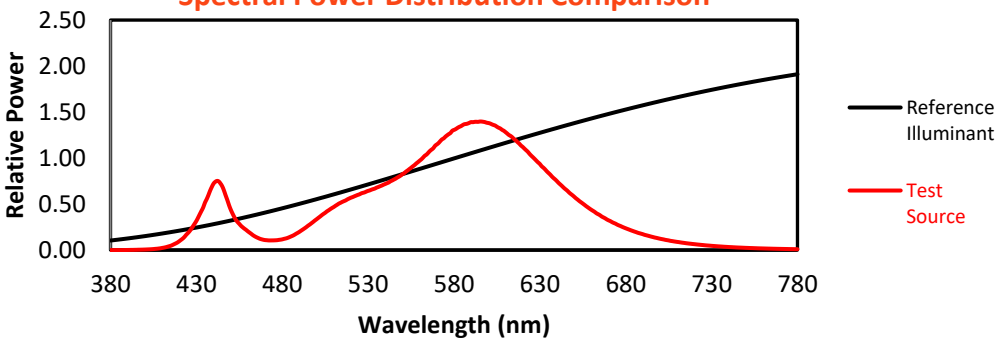
REPORT NUMBER: SP1-2407-184-4

TM-30-18

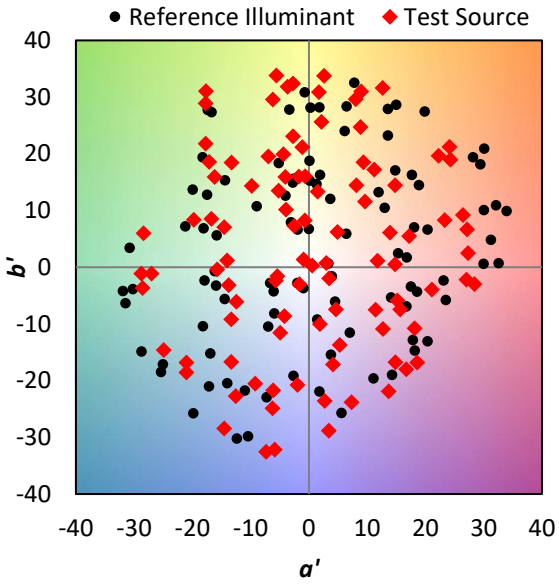
Summary

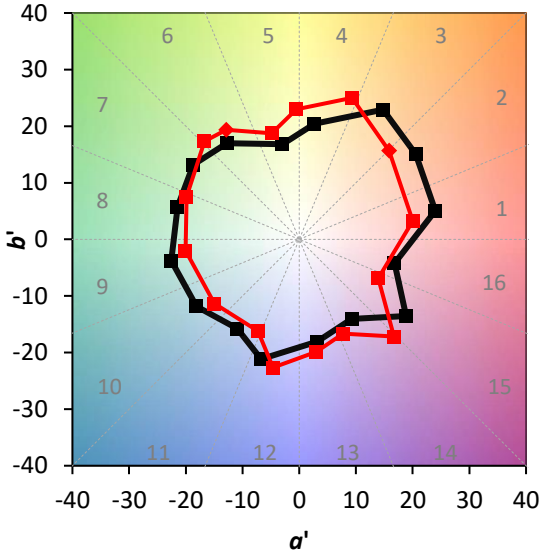
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

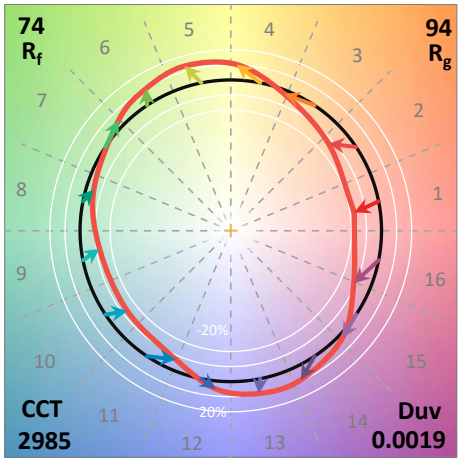
Spectral Power Distribution Comparison

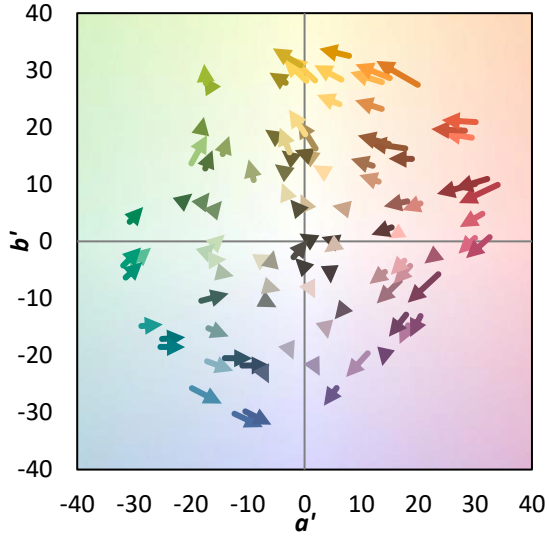


Color Vector Graphics







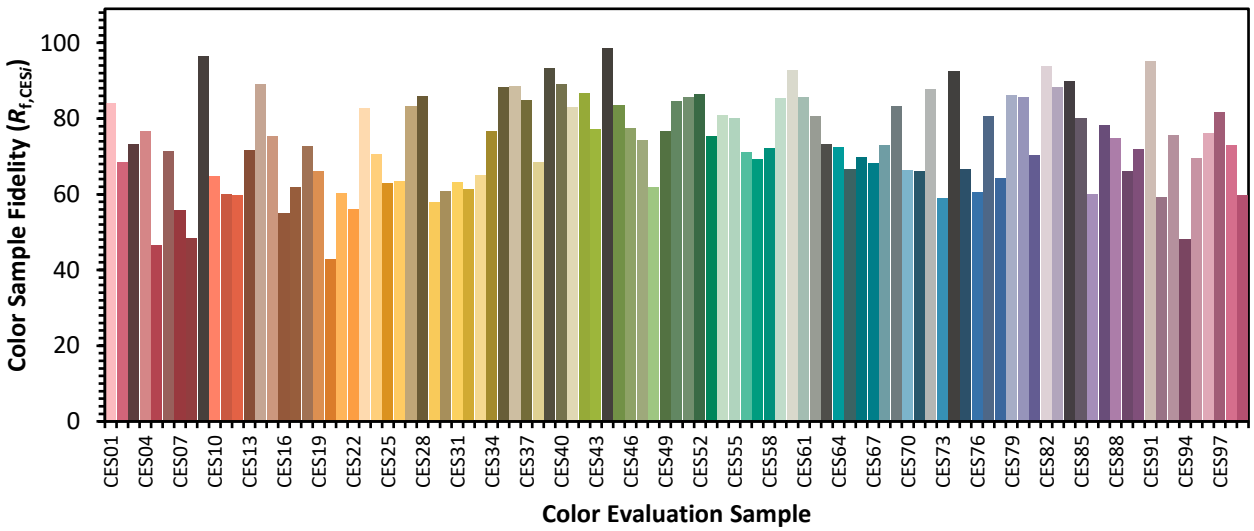


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

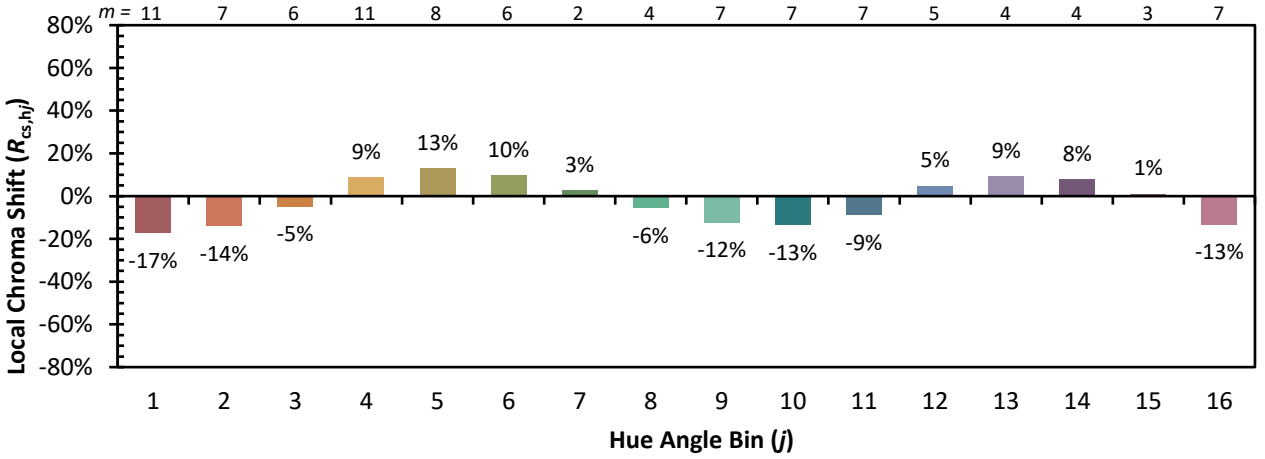
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

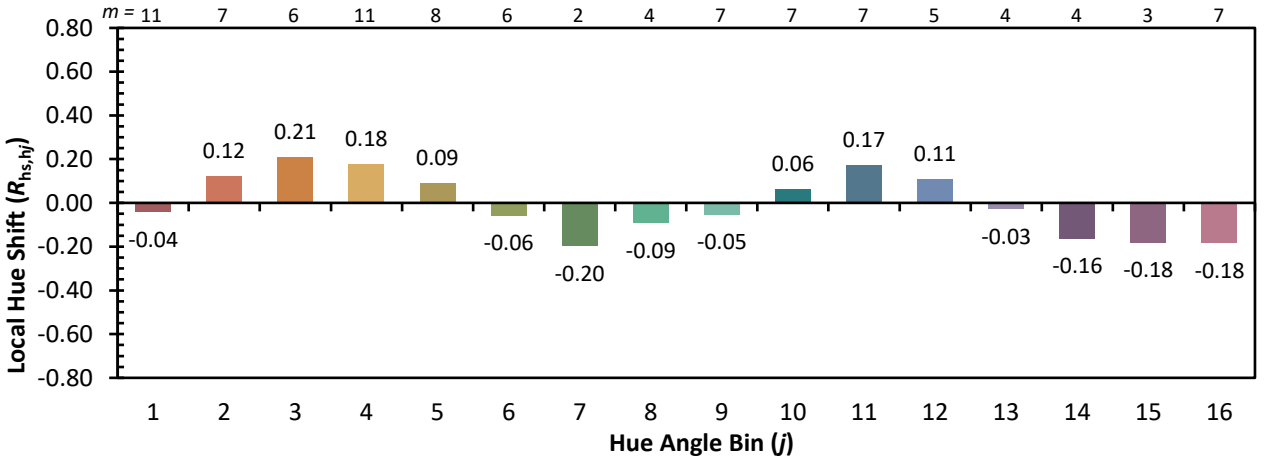


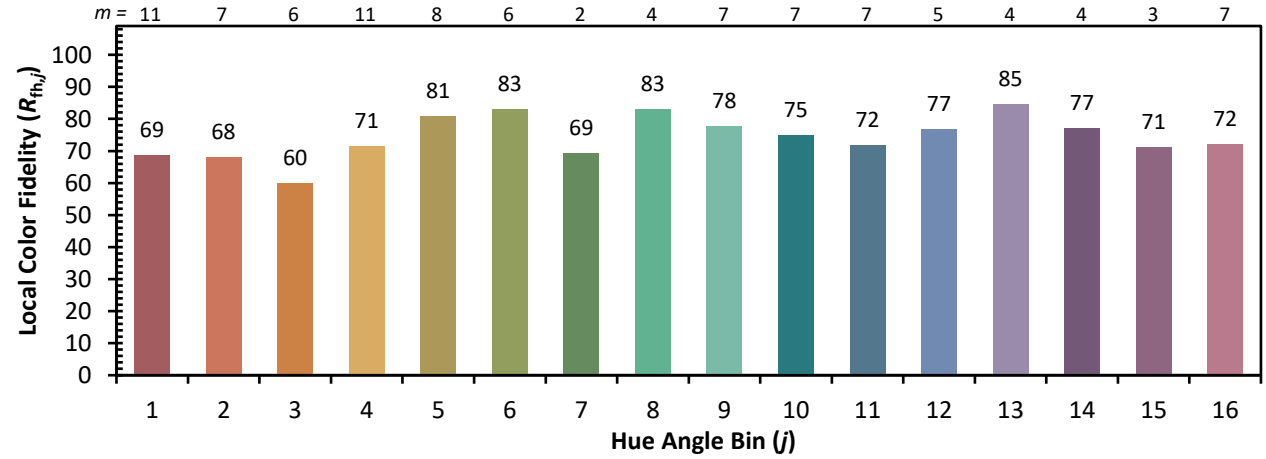
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



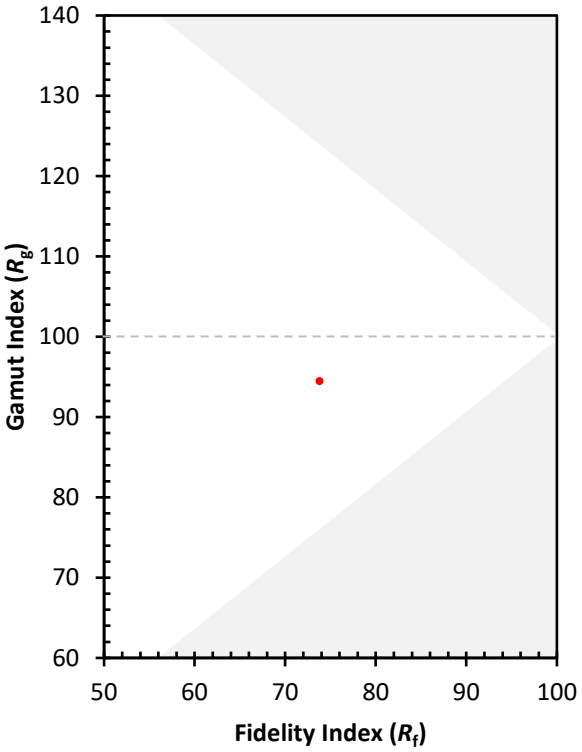


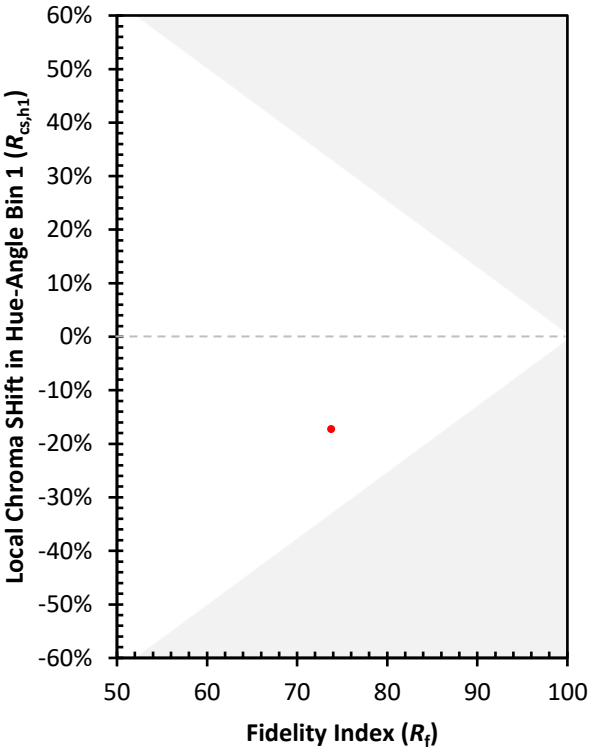


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)