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: P1363825

Luminaire Tested: **GSS-SB5C-730-U-SL3-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:	P1363825
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-730-U-SL3-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 3000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25754.4 lumens
Efficiency:	N/A
Efficacy:	102.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G4

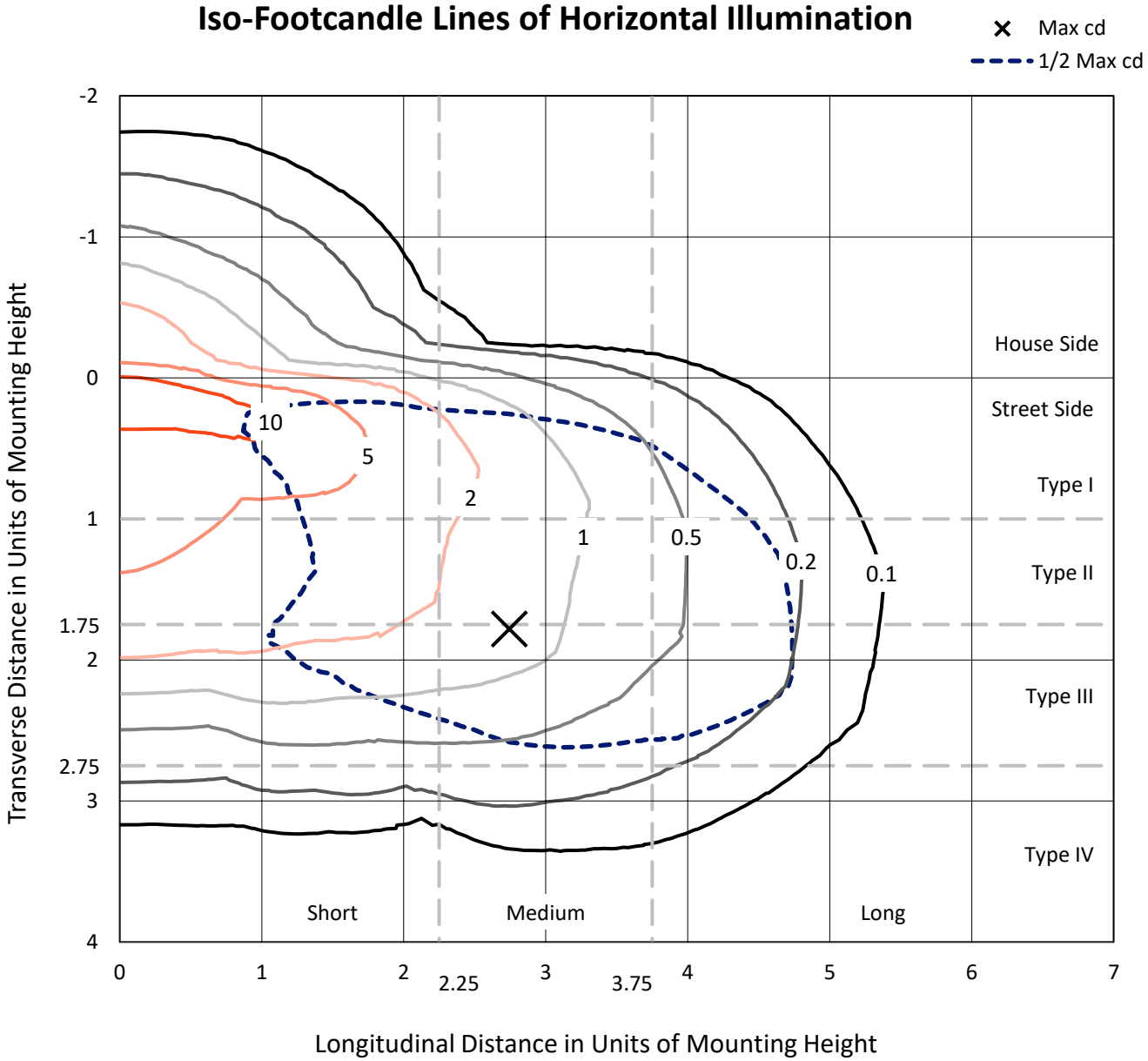
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



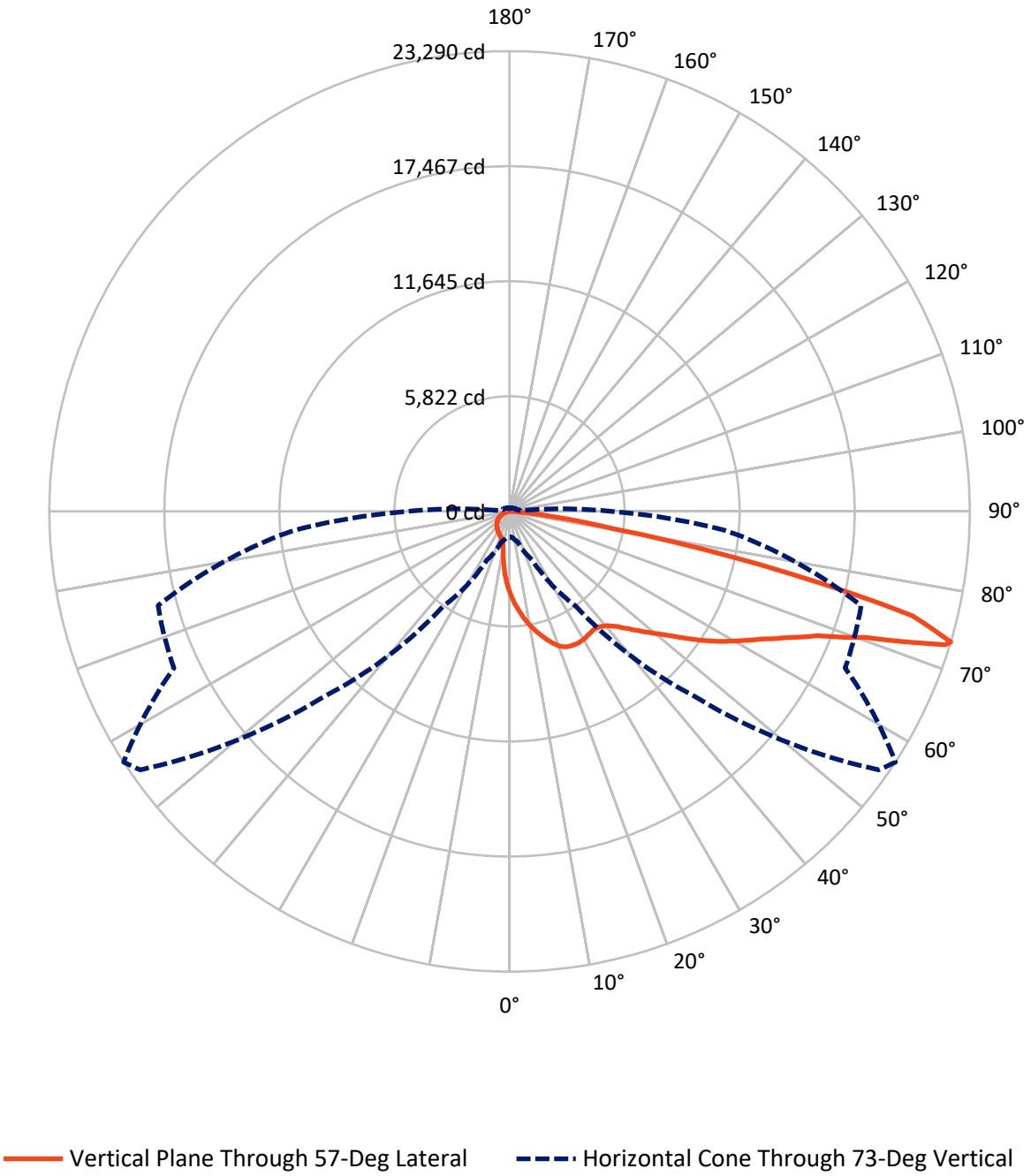
Based on 20 foot mounting height. Maximum calculated value = 15.1 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

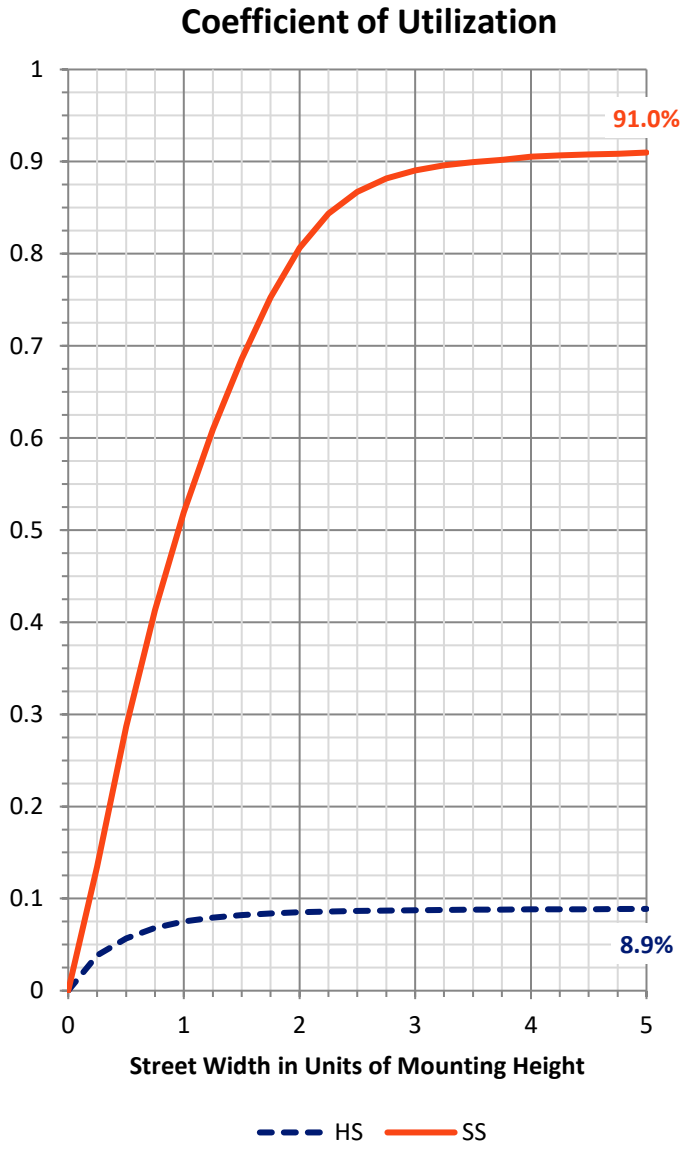
REPORT NUMBER: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2306.9	0.0	2306.9
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	23447.5	0.0	23447.5
	% Fixture	91.0	0.0	91.0
Total	Lumens	25754.4	0.0	25754.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	384.1	1.5
10°-20°	1101.5	4.3
20°-30°	1671.8	6.5
30°-40°	2421.2	9.4
40°-50°	3615.7	14.0
50°-60°	5235.3	20.3
60°-70°	6342.4	24.6
70°-80°	4580.7	17.8
80°-90°	401.6	1.6
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°	25754.4	100.0
0°-180°	25754.4	100.0



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

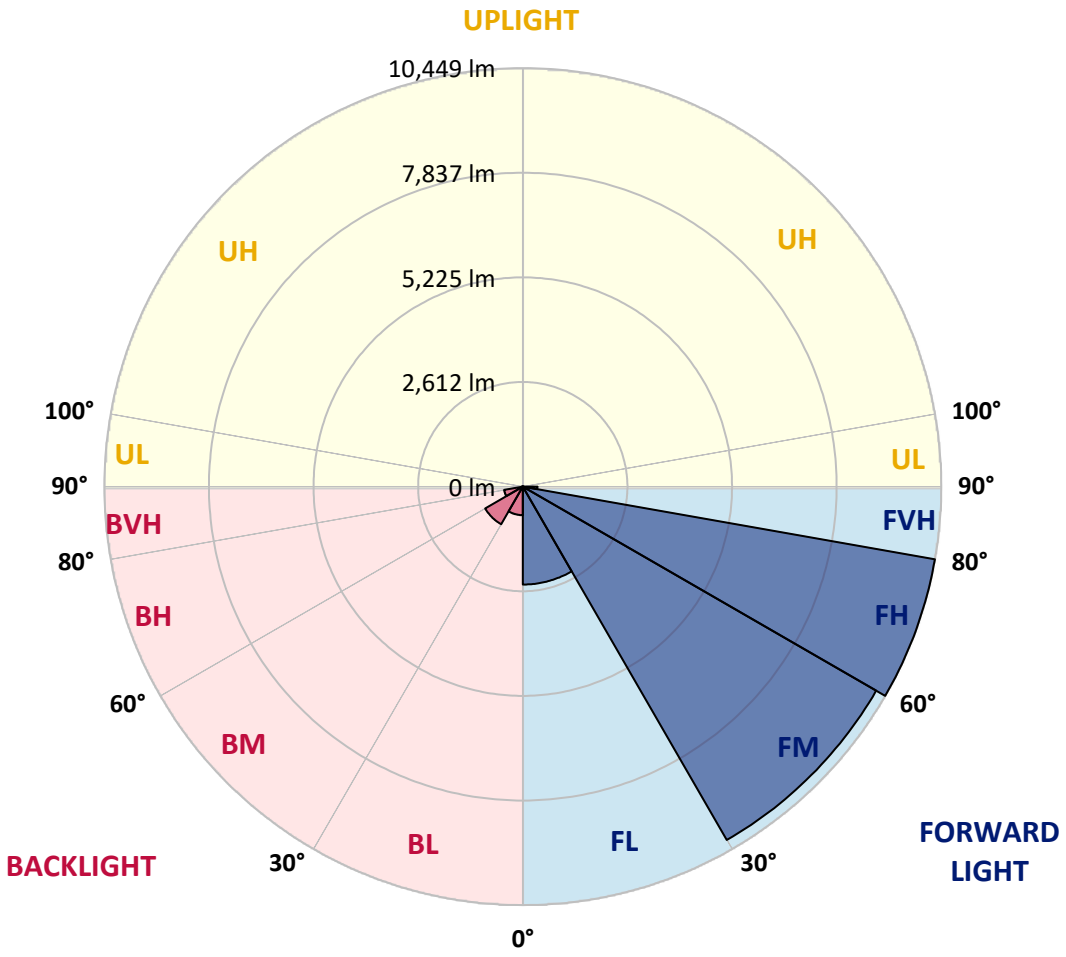
Scaled Data Report

REPORT NUMBER: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2444.3	9.5			
FM	(30°-60°)	10187.2	39.6			
FH	(60°-80°)	10449.3	40.6			G4/12000
FVH	(80°-90°)	366.8	1.4			G3/500
BL	(0°-30°)	713.1	2.8	B2/1000		
BM	(30°-60°)	1085.0	4.2	B2/2500		
BH	(60°-80°)	473.9	1.8	B1/500		G1/500
BVH	(80°-90°)	34.8	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: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0
2.5°	4981.7	4998.5	4939.8	4906.2	4839.1	4730.1	4621.1	4621.1	4495.3	4377.9	4226.9
5°	5719.7	5669.4	5644.2	5560.4	5434.6	5300.4	5107.5	5057.2	4855.9	4604.3	4302.4
7.5°	6281.6	6222.9	6197.8	6122.3	5979.7	5803.6	5543.6	5501.7	5208.1	4839.1	4403.0
10°	6625.5	6583.6	6583.6	6524.8	6415.8	6231.3	5971.3	5912.6	5560.4	5057.2	4470.1
12.5°	6474.5	6457.8	6558.4	6692.6	6742.9	6633.9	6357.1	6281.6	5879.1	5300.4	4554.0
15°	5786.8	5770.0	5954.6	6306.8	6734.5	6919.0	6709.4	6642.3	6222.9	5552.0	4637.8
17.5°	5124.3	5099.1	5275.2	5627.5	6264.9	6952.6	7078.4	6994.5	6566.8	5803.6	4730.1
20°	4746.9	4721.7	4839.1	5124.3	5703.0	6684.2	7271.3	7288.0	6944.2	6080.4	4822.3
22.5°	4612.7	4604.3	4663.0	4855.9	5266.8	6222.9	7346.7	7447.4	7355.1	6399.0	4956.5
25°	4671.4	4637.8	4654.6	4730.1	5023.6	5853.9	7304.8	7497.7	7699.0	6784.8	5132.7
27.5°	4822.3	4797.2	4772.0	4772.0	4923.0	5585.5	7195.8	7514.5	8051.2	7204.2	5283.6
30°	5074.0	5040.4	4964.9	4872.7	4923.0	5417.8	7070.0	7472.5	8353.1	7657.1	5493.3
32.5°	5644.2	5619.1	5401.0	5107.5	5040.4	5375.9	6927.4	7397.1	8680.2	8193.8	5736.5
35°	6206.2	6181.0	6030.0	5610.7	5241.7	5409.4	6835.2	7346.7	9082.8	8848.0	6021.6
37.5°	6457.8	6415.8	6298.4	6072.0	5711.3	5602.3	6860.3	7405.5	9661.5	9569.2	6373.9
40°	6776.4	6709.4	6533.2	6323.6	6164.2	6046.8	7061.6	7606.7	10307.2	10399.5	6759.7
42.5°	7246.1	7170.6	6910.6	6617.1	6432.6	6667.4	7447.4	7967.4	11104.0	11322.0	7229.3
45°	7891.9	7791.2	7455.8	7070.0	6843.5	6977.7	7967.4	8478.9	11993.0	12370.4	7774.5
47.5°	8478.9	8453.8	8076.4	7631.9	7363.5	7187.4	8529.3	9074.4	12932.3	13544.5	8336.4
50°	9032.5	8940.2	8571.2	8135.1	7908.7	7615.1	9149.9	9737.0	13871.6	14618.0	8940.2
52.5°	9636.3	9535.7	9032.5	8537.7	8311.2	8244.1	9955.0	10525.3	14693.5	15750.2	9552.4
55°	10106.0	9963.4	9409.9	8998.9	8638.3	8864.7	10818.8	11473.0	15423.1	16773.4	10173.1
57.5°	10693.0	10508.5	9720.2	9418.3	9141.5	9493.7	11791.7	12420.7	16186.3	17637.2	10793.7
60°	11204.6	11062.1	10298.9	9921.5	9661.5	10206.6	12739.4	13292.9	16781.8	18375.2	11364.0
62.5°	9644.7	9627.9	9829.2	10961.4	10575.6	11288.5	13754.2	14240.6	17142.4	18870.1	11598.8
65°	6843.5	6893.9	7455.8	10978.2	12353.6	13100.0	15087.7	15406.4	17159.2	18308.2	11137.5
67.5°	4352.7	4302.4	4998.5	9191.8	12420.7	16672.8	17117.2	16798.6	16387.6	17704.3	11196.2
70°	2608.3	2625.0	2859.9	6667.4	10240.2	17486.3	19951.9	19130.1	16848.9	18148.8	11246.6
72.5°	1417.4	1450.9	1786.4	3270.8	6784.8	13913.5	22954.4	23071.8	18425.6	18358.5	11053.7
73°	1291.6	1299.9	1601.9	2734.1	5870.7	13225.8	22811.8	23289.9	18744.3	18417.2	10927.9
75°	855.4	855.4	1090.3	1551.5	2574.7	10282.1	18937.2	21050.6	19826.1	17813.3	9946.6
77.5°	528.4	561.9	754.8	1073.5	939.3	5174.6	11137.5	12882.0	17679.2	13401.9	6248.1
80°	192.9	209.7	469.7	704.5	545.1	1962.5	4671.4	5359.1	8193.8	6801.6	2256.0
82.5°	100.6	109.0	293.5	360.6	293.5	511.6	2088.3	2230.9	3304.4	1769.6	419.3
85°	50.3	58.7	125.8	151.0	117.4	167.7	520.0	486.4	746.4	234.8	117.4
87.5°	0.0	0.0	8.4	16.8	25.2	33.5	50.3	50.3	58.7	67.1	67.1
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: P1363825
CATALOG NUMBER: GSS-SB5C-730-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0	4143.0
2.5°	4134.6	4067.5	3908.2	3748.9	3631.4	3505.6	3388.2	3287.6	3228.9	3203.7	3228.9
5°	4143.0	4000.5	3673.4	3346.3	3027.6	2767.6	2524.4	2348.3	2222.5	2180.5	2163.8
7.5°	4143.0	3908.2	3396.6	2859.9	2390.2	2046.4	1803.1	1694.1	1635.4	1627.0	1627.0
10°	4134.6	3799.2	3086.3	2381.8	1845.1	1610.2	1534.8	1518.0	1518.0	1518.0	1526.4
12.5°	4126.3	3698.5	2734.1	1920.6	1551.5	1476.1	1450.9	1450.9	1459.3	1467.7	1476.1
15°	4109.5	3547.6	2365.0	1601.9	1442.5	1417.4	1400.6	1400.6	1409.0	1425.7	1425.7
17.5°	4092.7	3396.6	2004.4	1459.3	1392.2	1367.0	1358.6	1350.3	1367.0	1383.8	1383.8
20°	4059.2	3203.7	1702.5	1383.8	1341.9	1325.1	1316.7	1308.3	1316.7	1333.5	1341.9
22.5°	4017.2	2960.5	1501.2	1333.5	1299.9	1274.8	1266.4	1258.0	1258.0	1291.6	1291.6
25°	3975.3	2692.1	1383.8	1283.2	1249.6	1224.5	1207.7	1199.3	1207.7	1232.8	1232.8
27.5°	3891.4	2398.6	1308.3	1241.2	1207.7	1174.1	1157.4	1140.6	1149.0	1174.1	1174.1
30°	3765.6	2088.3	1266.4	1199.3	1157.4	1115.4	1090.3	1073.5	1081.9	1107.0	1115.4
32.5°	3581.1	1819.9	1249.6	1165.8	1115.4	1056.7	1023.2	998.0	1006.4	1040.0	1040.0
35°	3388.2	1627.0	1241.2	1132.2	1065.1	1006.4	947.7	914.1	930.9	964.5	972.9
37.5°	3186.9	1518.0	1241.2	1115.4	1031.6	956.1	872.2	838.7	847.1	880.6	889.0
40°	3010.8	1467.7	1249.6	1098.7	989.6	897.4	805.1	763.2	780.0	821.9	813.5
42.5°	2943.7	1459.3	1249.6	1056.7	947.7	838.7	738.0	696.1	712.9	738.0	746.4
45°	3019.2	1492.8	1232.8	1014.8	889.0	771.6	687.7	645.8	654.2	670.9	687.7
47.5°	3279.2	1534.8	1207.7	964.5	838.7	721.3	637.4	603.8	587.1	612.2	620.6
50°	3639.8	1559.9	1165.8	914.1	796.7	670.9	595.5	553.5	536.7	545.1	553.5
52.5°	4050.8	1559.9	1123.8	863.8	754.8	620.6	561.9	520.0	486.4	494.8	494.8
55°	4461.7	1543.2	1014.8	821.9	712.9	587.1	528.4	469.7	444.5	444.5	436.1
57.5°	4889.4	1518.0	880.6	763.2	662.5	545.1	486.4	436.1	402.6	385.8	385.8
60°	5308.8	1484.4	805.1	704.5	603.8	511.6	444.5	402.6	360.6	335.5	327.1
62.5°	5526.8	1392.2	721.3	629.0	545.1	461.3	402.6	360.6	310.3	276.8	268.4
65°	5409.4	1199.3	620.6	561.9	494.8	410.9	360.6	318.7	260.0	218.1	218.1
67.5°	5535.2	1006.4	528.4	478.0	427.7	352.2	301.9	276.8	226.4	192.9	192.9
70°	5577.2	788.3	444.5	410.9	369.0	293.5	260.0	243.2	201.3	167.7	159.3
72.5°	5266.8	587.1	360.6	343.9	301.9	226.4	218.1	201.3	167.7	134.2	134.2
73°	*5141.0*	*545.1*	*343.9*	*327.1*	*285.1*	*218.1*	*209.7*	*192.9*	*159.3*	*134.2*	*125.8*
75°	4528.8	419.3	285.1	268.4	226.4	184.5	176.1	159.3	134.2	109.0	109.0
77.5°	3002.4	301.9	218.1	201.3	167.7	142.6	134.2	117.4	100.6	83.9	83.9
80°	1107.0	201.3	159.3	142.6	125.8	117.4	100.6	83.9	67.1	67.1	58.7
82.5°	226.4	134.2	117.4	100.6	92.3	83.9	67.1	58.7	50.3	50.3	50.3
85°	92.3	83.9	67.1	67.1	67.1	58.7	50.3	50.3	41.9	41.9	33.5
87.5°	58.7	50.3	50.3	41.9	41.9	33.5	33.5	33.5	33.5	33.5	33.5
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

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

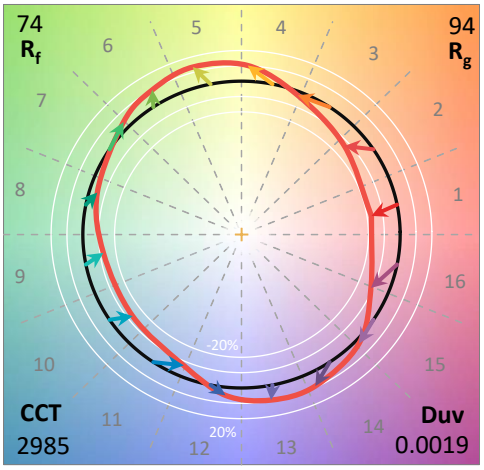
Test Information

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

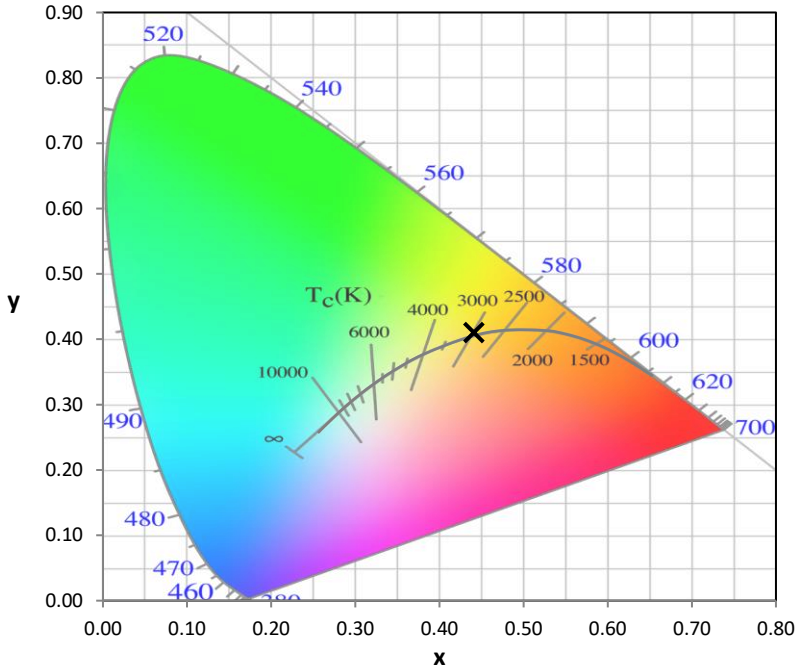
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

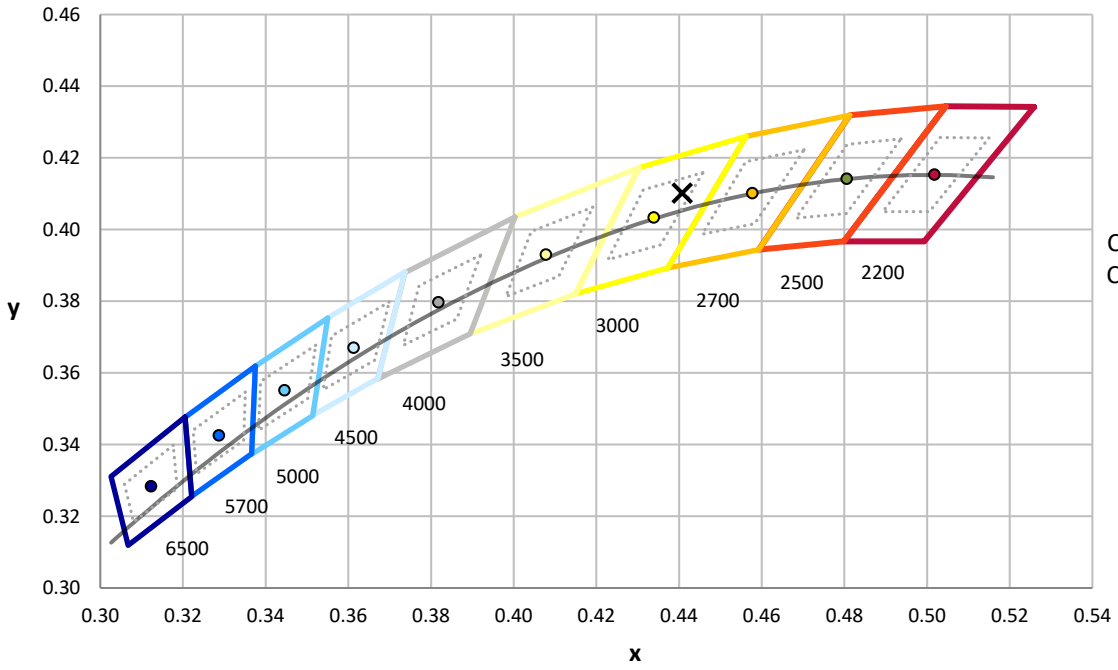
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

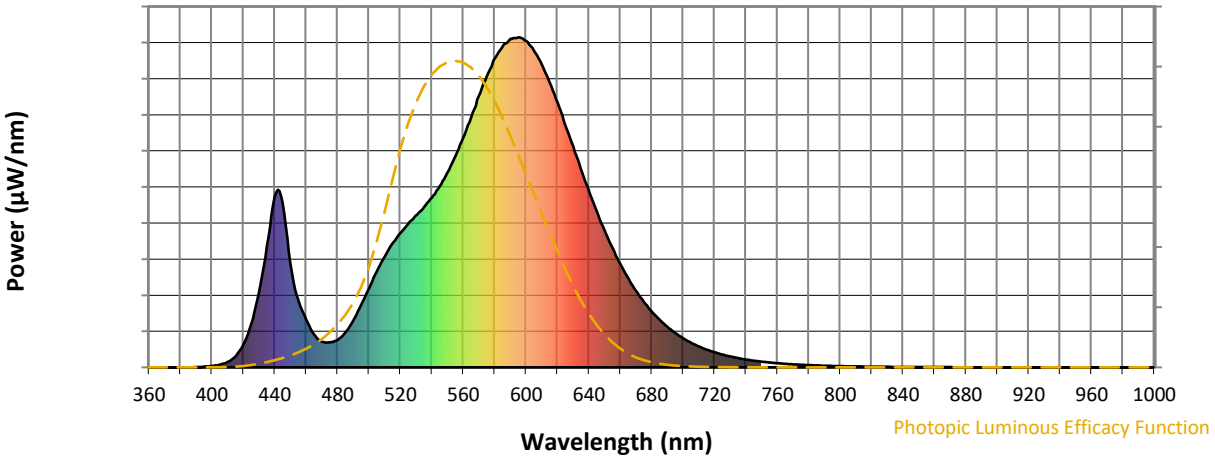


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

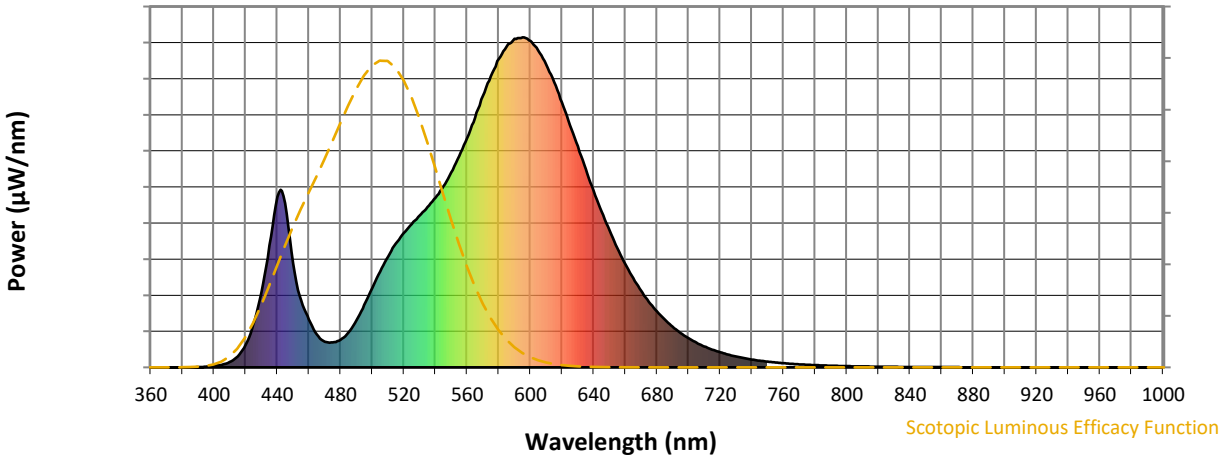


Photopic Lumens: NR

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

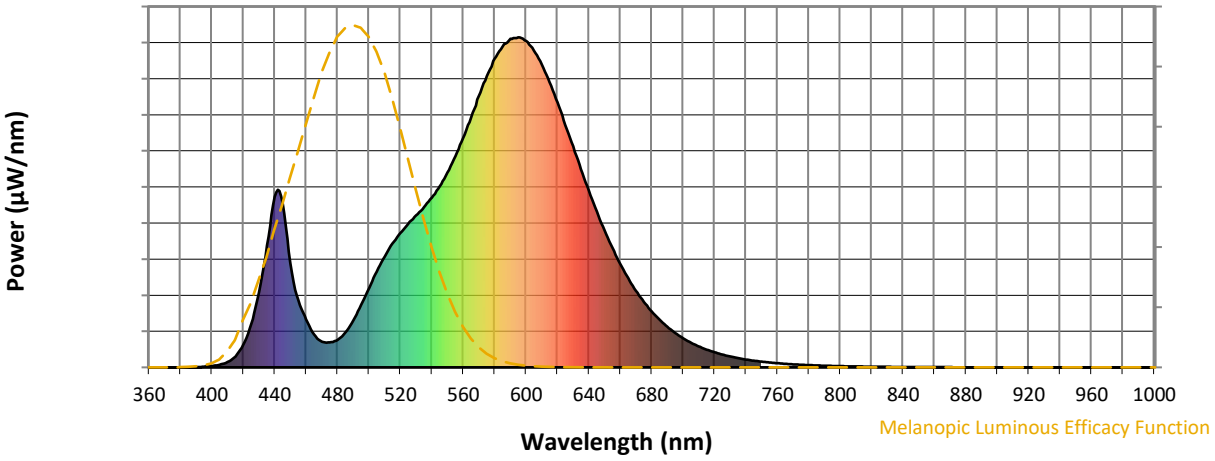


Scotopic Lumens: NR **S/P: 1.19**

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			

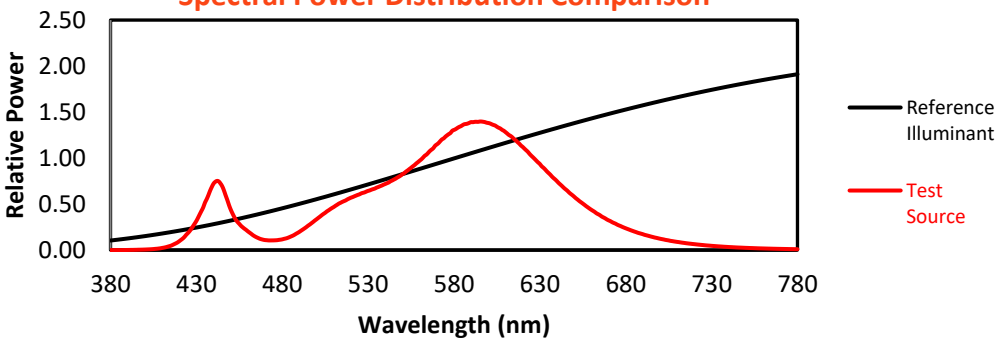
REPORT NUMBER: SP1-2407-184-4

TM-30-18

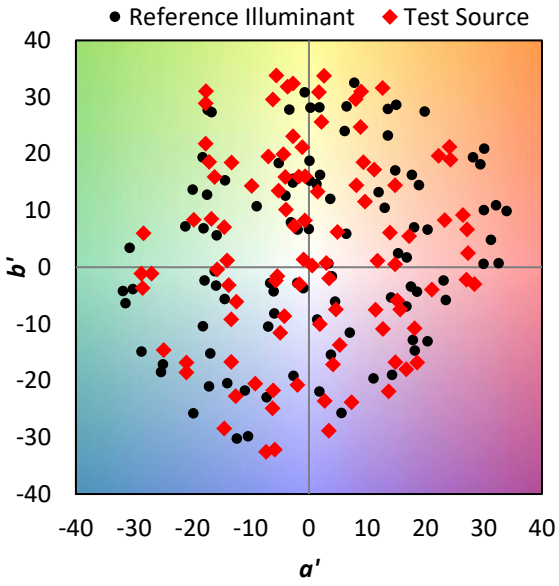
Summary

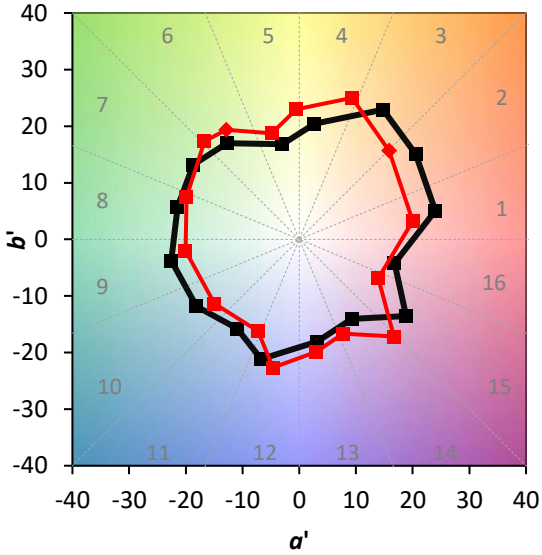
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

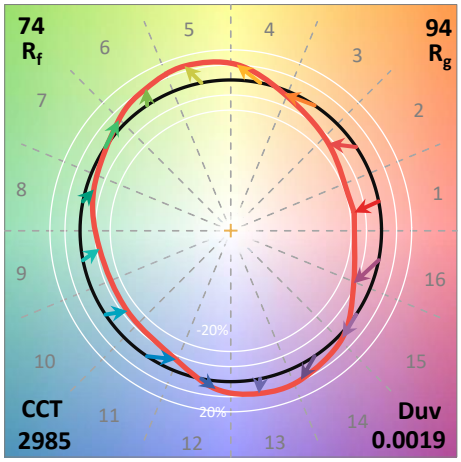
Spectral Power Distribution Comparison

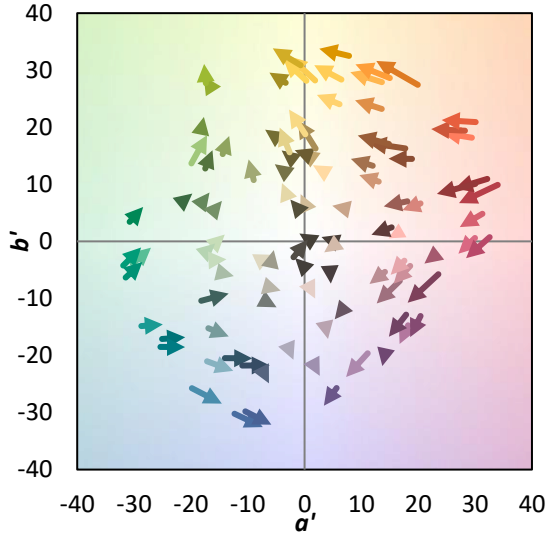


Color Vector Graphics







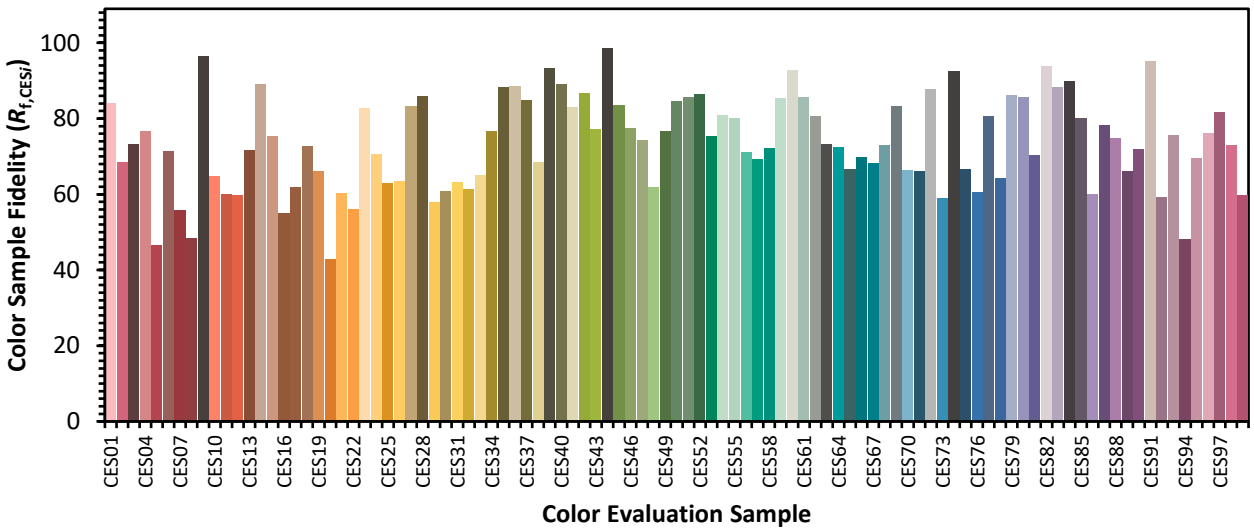


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

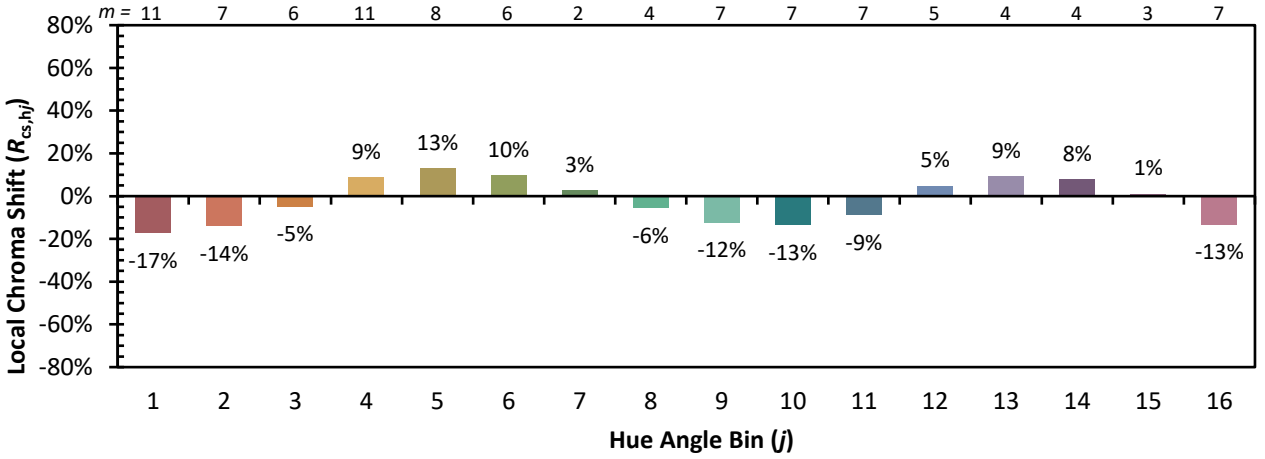
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

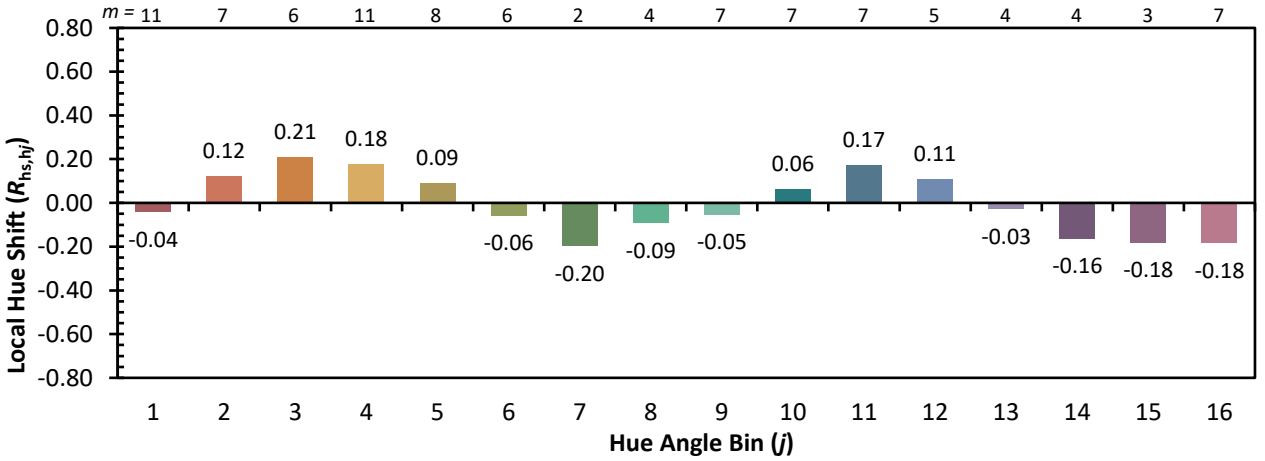


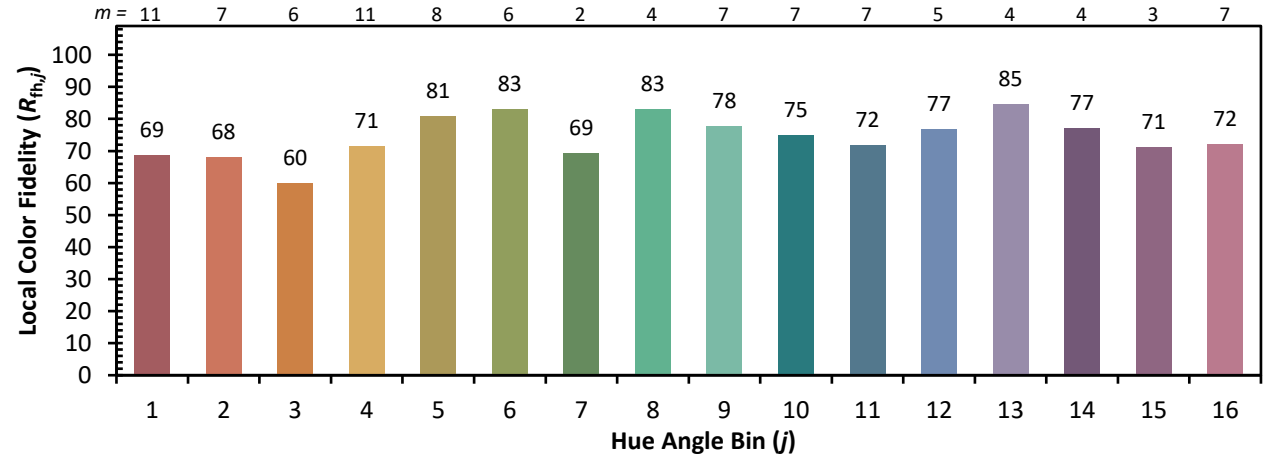
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



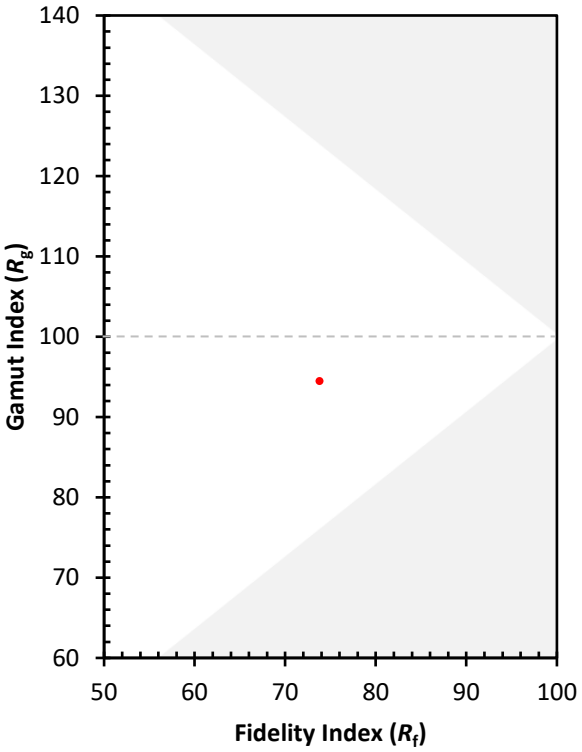


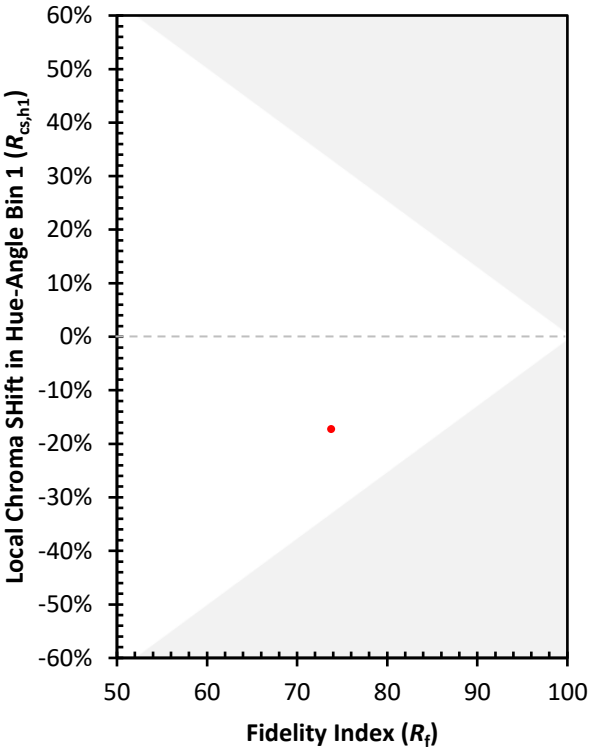


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)