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: P1367593

Luminaire Tested: **GSS-SB5C-740-U-T4W-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:	P1367593
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-740-U-T4W-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27641.5 lumens
Efficiency:	N/A
Efficacy:	109.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G5

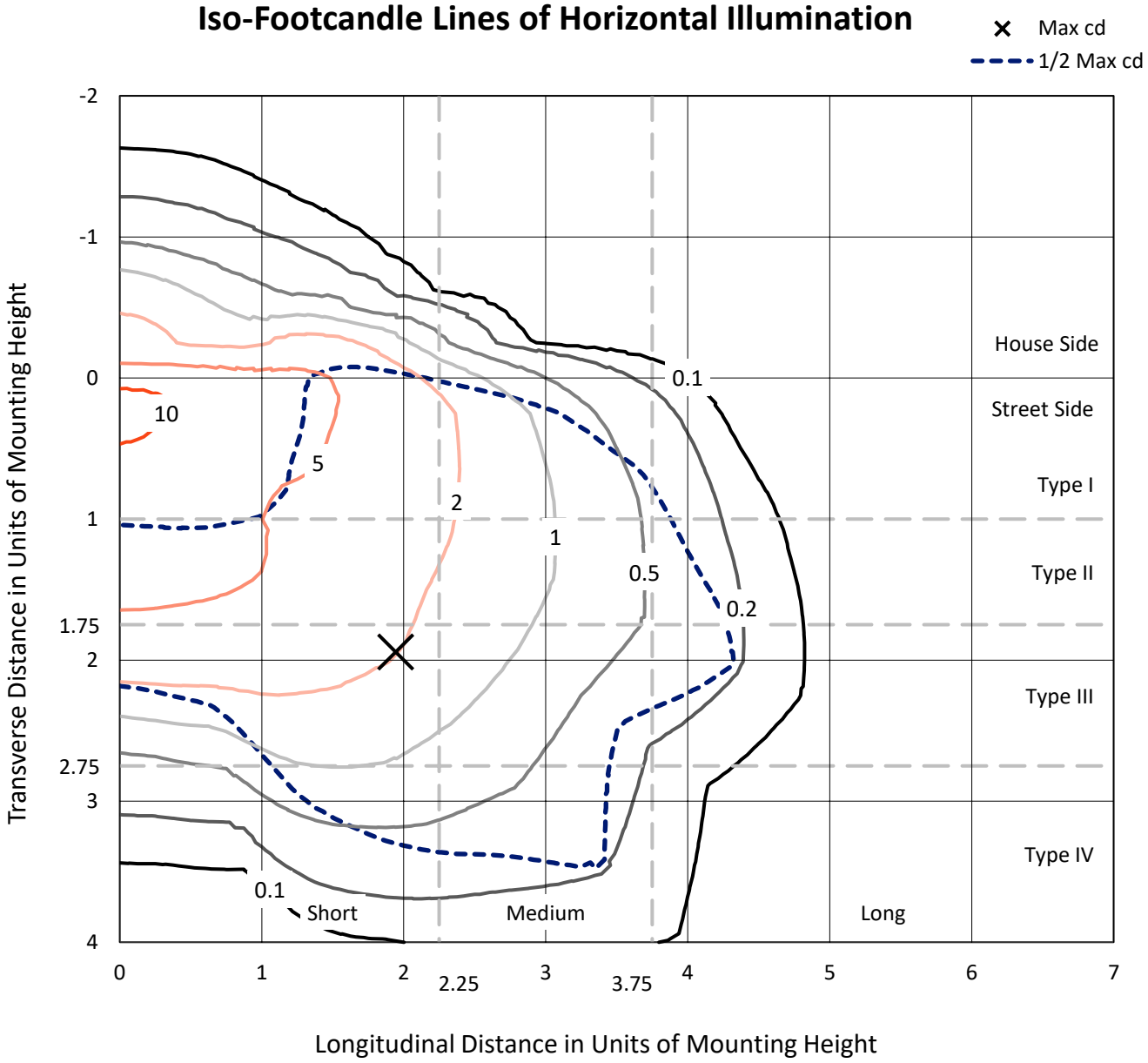
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



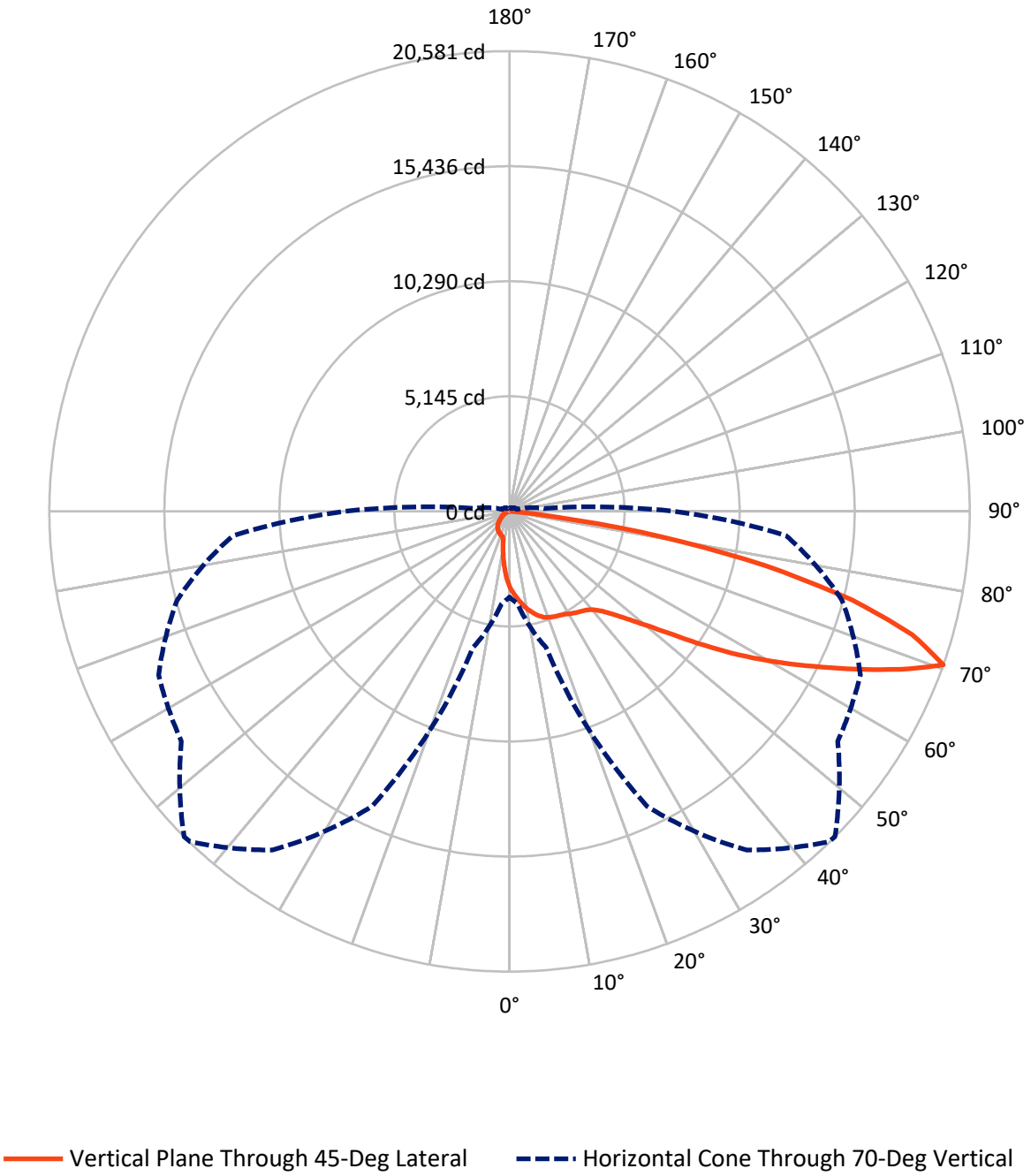
Based on 20 foot mounting height. Maximum calculated value = 11.9 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

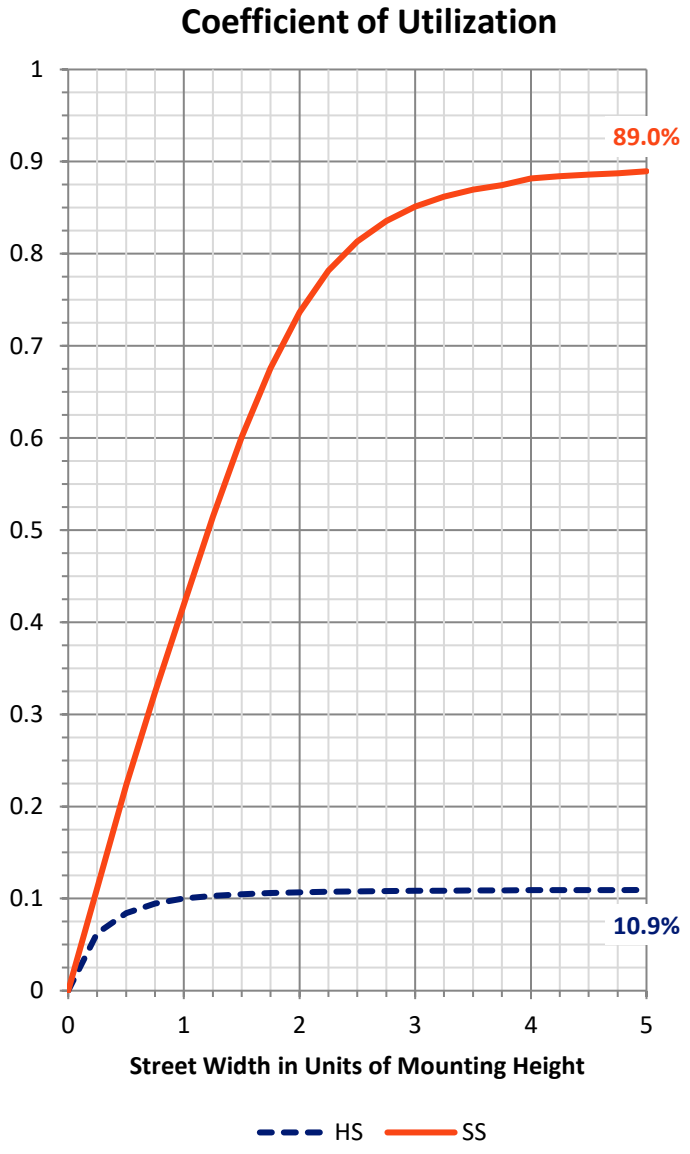
REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3052.5	0.0	3052.5
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	24589.1	0.0	24589.1
	% Fixture	89.0	0.0	89.0
Total	Lumens	27641.5	0.0	27641.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.8	1.1
10°-20°	922.8	3.3
20°-30°	1531.9	5.5
30°-40°	2171.7	7.9
40°-50°	3444.3	12.5
50°-60°	6065.3	21.9
60°-70°	7862.3	28.4
70°-80°	5022.0	18.2
80°-90°	308.4	1.1
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°	27641.5	100.0
0°-180°	27641.5	100.0



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

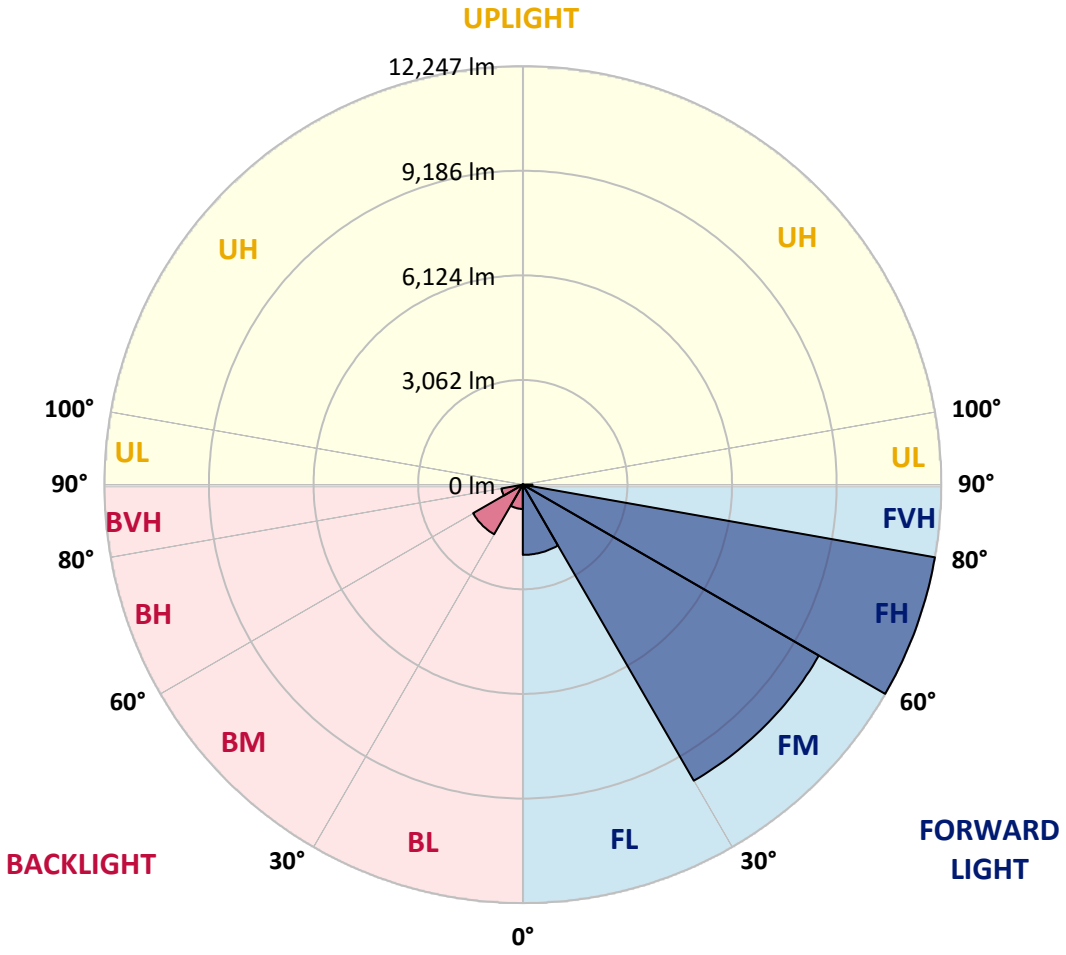
Scaled Data Report

REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2056.5	7.4			
FM	(30°-60°)	10003.8	36.2			
FH	(60°-80°)	12247.4	44.3			G5
FVH	(80°-90°)	281.3	1.0			G3/500
BL	(0°-30°)	711.0	2.6	B2/1000		
BM	(30°-60°)	1677.6	6.1	B2/2500		
BH	(60°-80°)	636.8	2.3	B2/1000		G2/1000
BVH	(80°-90°)	27.1	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-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	*3416.8*	3416.8	3416.8	3416.8	3416.8
2.5°	3816.2	3816.2	3780.7	3762.9	3736.3	3683.1	*3683.1*	3647.6	3576.6	3523.3	3461.2
5°	4206.7	4188.9	4135.7	4100.2	4029.2	3949.3	*3949.3*	3851.7	3745.2	3665.3	3532.2
7.5°	4526.2	4517.3	4481.8	4419.7	4322.0	4224.4	*4206.7*	4091.3	3940.4	3798.4	3638.7
10°	4836.8	4836.8	4756.9	4685.9	4579.4	4455.2	*4455.2*	4304.3	4126.8	3958.2	3754.1
12.5°	5103.0	5067.5	5005.4	4890.0	4783.5	4659.3	*4650.4*	4499.5	4313.2	4135.7	3896.1
15°	5307.2	5289.4	5209.5	5085.3	4961.0	4836.8	*4836.8*	4677.0	4499.5	4295.4	4038.1
17.5°	5449.2	5440.3	5351.5	5209.5	5076.4	4969.9	*4978.8*	4836.8	4677.0	4464.0	4197.8
20°	5484.7	5458.0	5387.0	5253.9	5147.4	5049.8	*5058.7*	4952.2	4810.2	4641.5	4348.7
22.5°	5431.4	5422.5	5342.7	5236.2	5174.0	5103.0	*5111.9*	5049.8	4961.0	4783.5	4526.2
25°	5369.3	5351.5	5298.3	5209.5	5174.0	5138.5	*5156.3*	5129.7	5094.2	4952.2	4703.7
27.5°	5351.5	5333.8	5271.7	5191.8	5191.8	5191.8	*5209.5*	5245.0	5236.2	5120.8	4881.2
30°	5378.2	5387.0	5324.9	5245.0	5227.3	5280.5	*5316.0*	5395.9	5395.9	5271.7	5076.4
32.5°	5458.0	5449.2	5395.9	5289.4	5280.5	5369.3	*5404.8*	5520.2	5493.5	5395.9	5245.0
35°	5617.8	5617.8	5537.9	5378.2	5342.7	5458.0	*5493.5*	5635.5	5635.5	5546.8	5413.7
37.5°	5910.6	5946.1	5848.5	5591.2	5475.8	5537.9	*5591.2*	5759.8	5821.9	5715.4	5617.8
40°	6434.3	6363.3	6265.6	5910.6	5697.6	5750.9	*5777.5*	5963.9	6052.6	5919.5	5857.4
42.5°	7712.2	7632.4	7206.4	6398.8	6061.5	6070.4	*6097.0*	6274.5	6443.1	6292.3	6239.0
45°	9602.6	9531.6	8812.7	7437.1	6602.9	6558.5	*6594.0*	6744.9	6975.6	6869.1	6815.9
47.5°	11049.2	10960.4	10419.1	8963.6	7472.6	7206.4	*7233.0*	7348.4	7738.9	7650.1	7641.2
50°	11750.3	11697.0	11377.5	10605.4	8937.0	8049.5	*8040.6*	8147.1	8679.6	8670.7	8697.3
52.5°	12451.4	12451.4	12202.9	11839.0	10694.2	9212.1	*9158.8*	9061.2	9789.0	9842.2	10126.2
55°	13214.6	13232.4	13223.5	13125.9	12433.7	10729.7	*10561.1*	10214.9	11075.8	11235.6	11581.7
57.5°	13986.8	14022.3	14093.3	14474.9	14279.6	12327.2	*12114.2*	11475.2	12584.5	12549.0	12770.9
60°	14590.2	14625.7	14918.6	15628.6	15788.3	13942.4	*13649.5*	12921.8	14084.4	13880.3	13738.3
62.5°	14226.4	14315.1	15353.5	16587.1	17110.7	15451.1	*15264.7*	14554.7	15566.5	14918.6	14111.0
65°	10827.3	11271.1	13569.6	16773.5	18308.8	17163.9	*17004.2*	16294.2	16578.2	15078.4	13818.1
67.5°	6691.6	7304.0	9797.8	15628.6	18921.2	19027.7	*18850.2*	17581.1	16658.1	15211.5	13480.9
70°	*3833.9*	*4144.6*	*6292.3*	*14545.9*	*18486.3*	*20545.3*	*20580.8*	*17918.3*	*17314.8*	*15397.9*	*12407.0*
72.5°	2529.3	2618.1	3452.3	12167.4	17918.3	18628.3	*18832.4*	19160.8	17758.6	14545.9	10232.7
75°	1153.7	1198.1	1739.5	7783.2	13631.8	16010.2	*15815.0*	15957.0	16862.2	12708.8	7508.1
77.5°	363.9	417.1	701.1	2964.2	7250.7	11839.0	*11697.0*	8227.0	12495.8	6957.9	2351.8
80°	177.5	204.1	417.1	896.4	2680.2	6709.4	*6878.0*	2804.5	3958.2	1570.8	479.2
82.5°	79.9	88.7	239.6	426.0	1047.2	1970.2	*2094.5*	914.1	1029.5	488.1	177.5
85°	35.5	44.4	97.6	168.6	292.9	319.5	*346.1*	195.2	381.6	275.1	88.7
87.5°	0.0	8.9	8.9	26.6	26.6	35.5	*35.5*	44.4	53.2	62.1	53.2
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

Scaled Data Report

REPORT NUMBER: P1367593
CATALOG NUMBER: GSS-SB5C-740-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8	3416.8
2.5°	3425.7	3381.3	3319.2	3230.4	3168.3	3070.7	2999.7	2946.4	2884.3	2902.1	2910.9
5°	3452.3	3381.3	3212.7	2999.7	2813.3	2627.0	2493.8	2369.6	2289.7	2280.8	2245.3
7.5°	3523.3	3399.1	3115.1	2769.0	2440.6	2192.1	1970.2	1801.6	1695.1	1659.6	1641.8
10°	3620.9	3443.4	2999.7	2511.6	2076.7	1739.5	1482.1	1349.0	1295.7	1286.9	1286.9
12.5°	3727.4	3505.6	2884.3	2254.2	1721.7	1357.9	1242.5	1224.7	1224.7	1233.6	1233.6
15°	3851.7	3549.9	2751.2	1952.5	1375.6	1198.1	1189.2	1189.2	1189.2	1207.0	1198.1
17.5°	3975.9	3612.1	2591.5	1650.7	1189.2	1153.7	1153.7	1153.7	1153.7	1171.5	1162.6
20°	4109.1	3656.4	2422.8	1375.6	1136.0	1127.1	1127.1	1118.2	1118.2	1136.0	1136.0
22.5°	4259.9	3691.9	2236.5	1189.2	1109.4	1091.6	1091.6	1091.6	1082.7	1100.5	1100.5
25°	4410.8	3745.2	2023.5	1091.6	1073.9	1065.0	1056.1	1056.1	1047.2	1065.0	1056.1
27.5°	4579.4	3807.3	1819.3	1056.1	1047.2	1038.4	1029.5	1020.6	1011.7	1029.5	1020.6
30°	4774.7	3869.4	1624.1	1038.4	1020.6	1011.7	994.0	985.1	967.4	985.1	985.1
32.5°	4952.2	3931.6	1473.2	1029.5	1002.9	967.4	940.7	923.0	914.1	931.9	940.7
35°	5138.5	4029.2	1393.4	1047.2	985.1	931.9	887.5	860.9	852.0	869.7	878.6
37.5°	5360.4	4144.6	1375.6	1082.7	967.4	887.5	825.4	781.0	772.1	789.9	798.7
40°	5671.0	4304.3	1411.1	1100.5	940.7	834.2	745.5	701.1	674.5	674.5	683.4
42.5°	6070.4	4641.5	1437.7	1118.2	896.4	772.1	674.5	612.4	568.0	568.0	576.9
45°	6682.8	5200.7	1570.8	1100.5	852.0	692.2	594.6	514.7	479.2	479.2	488.1
47.5°	7508.1	5981.6	1943.6	1065.0	789.9	621.2	514.7	443.7	417.1	417.1	417.1
50°	8599.7	6957.9	2343.0	1002.9	718.9	550.2	443.7	399.4	381.6	372.7	363.9
52.5°	9904.3	7987.4	2627.0	940.7	656.7	488.1	399.4	363.9	346.1	337.2	337.2
55°	11164.6	8715.1	2724.6	878.6	594.6	434.9	372.7	346.1	328.4	319.5	319.5
57.5°	11927.8	8857.1	2325.2	807.6	532.5	399.4	337.2	319.5	301.7	292.9	292.9
60°	12105.3	8244.7	1641.8	710.0	461.5	355.0	310.6	292.9	275.1	257.4	257.4
62.5°	11475.2	6815.9	1144.9	576.9	408.2	319.5	284.0	266.2	239.6	221.9	213.0
65°	10206.1	4978.8	807.6	452.6	355.0	284.0	248.5	230.7	204.1	177.5	168.6
67.5°	8910.3	3017.4	523.6	372.7	310.6	230.7	213.0	204.1	177.5	150.9	150.9
70°	*7375.0*	*1544.2*	*363.9*	*301.7*	*257.4*	*186.4*	*177.5*	*177.5*	*159.7*	*133.1*	*133.1*
72.5°	5688.8	568.0	248.5	239.6	195.2	142.0	159.7	150.9	133.1	115.4	115.4
75°	3860.6	275.1	186.4	168.6	133.1	115.4	124.2	124.2	115.4	97.6	88.7
77.5°	1224.7	177.5	142.0	133.1	106.5	97.6	106.5	106.5	88.7	79.9	71.0
80°	310.6	124.2	115.4	97.6	79.9	79.9	88.7	71.0	71.0	62.1	62.1
82.5°	133.1	88.7	79.9	71.0	62.1	62.1	62.1	62.1	53.2	53.2	53.2
85°	71.0	62.1	53.2	53.2	53.2	44.4	44.4	53.2	44.4	44.4	44.4
87.5°	44.4	44.4	35.5	26.6	26.6	35.5	35.5	35.5	35.5	35.5	35.5
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

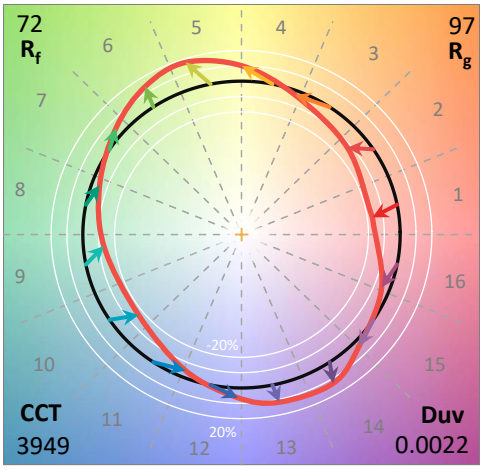
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

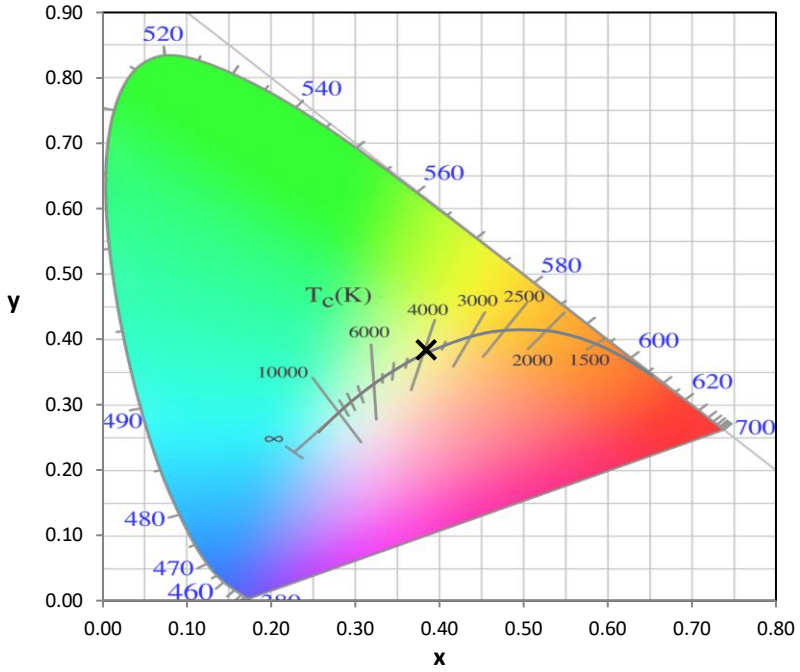
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

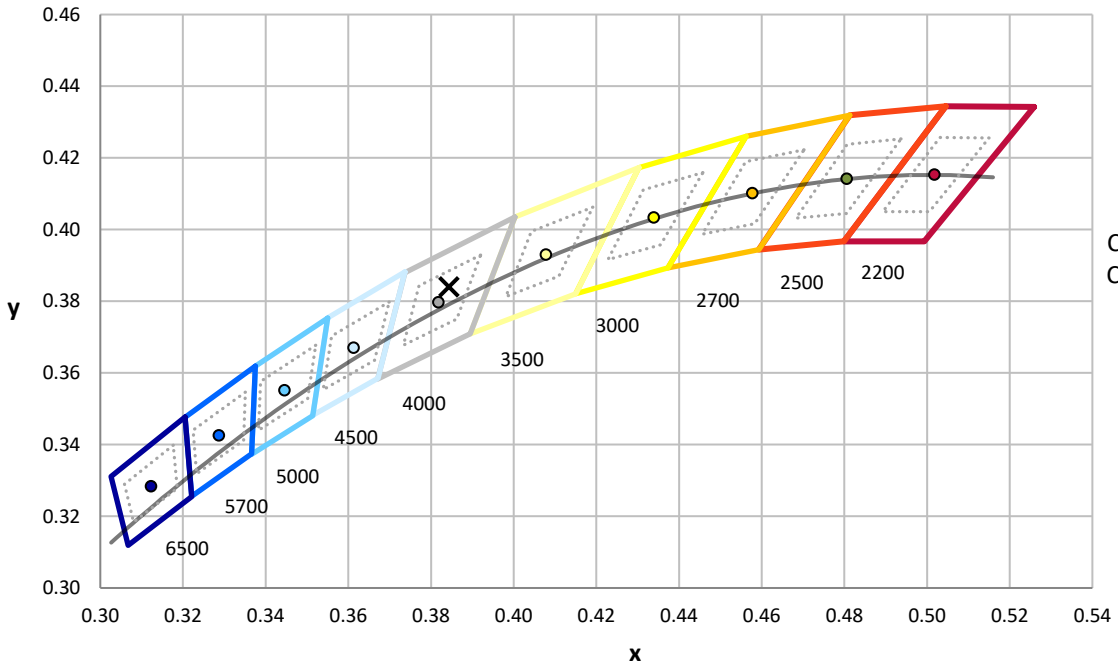
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

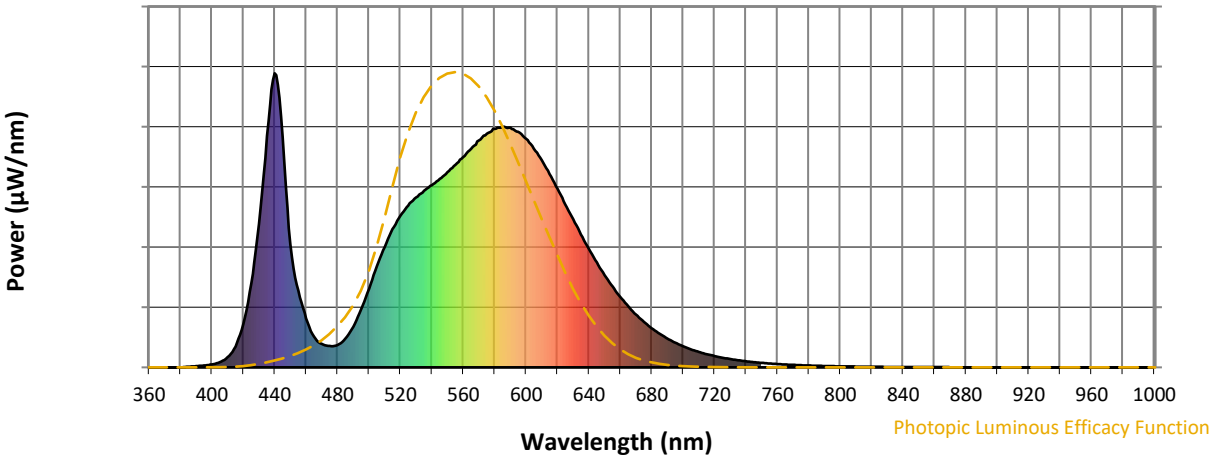


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

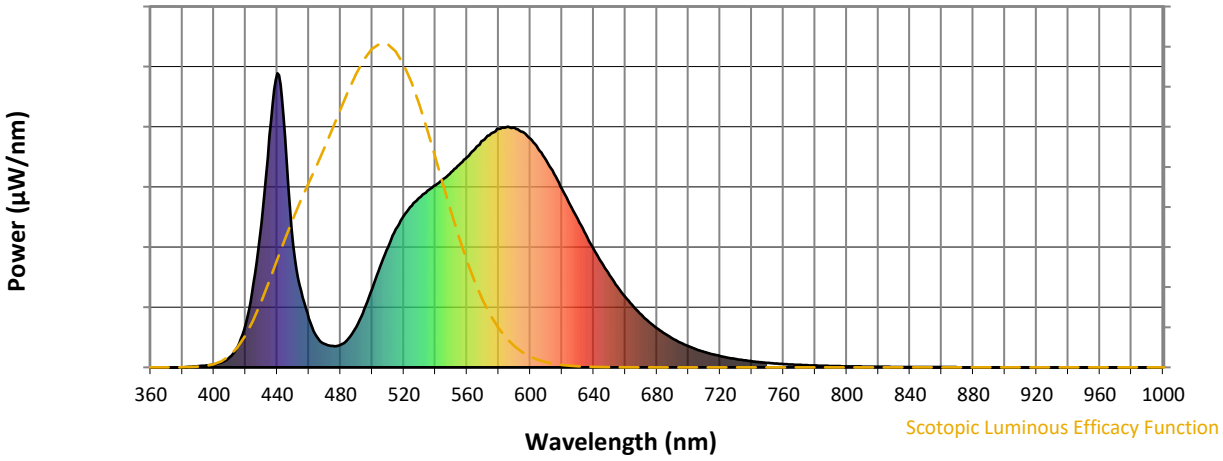


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

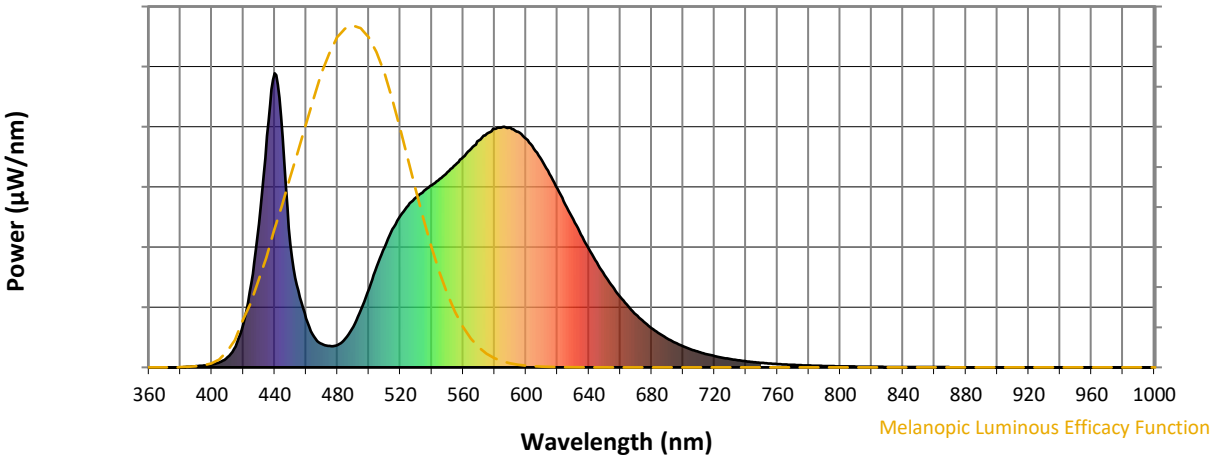


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

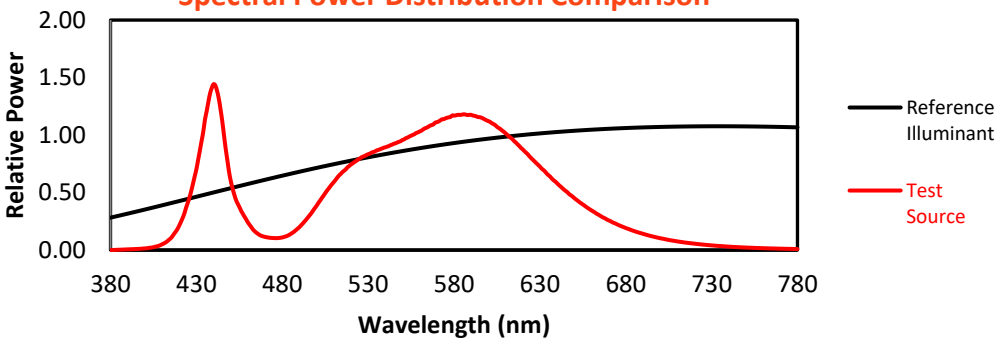
REPORT NUMBER: SP1-2407-184-1

TM-30-18

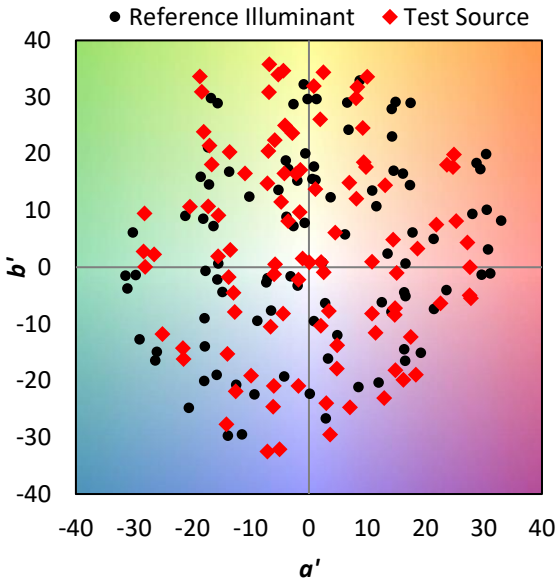
Summary

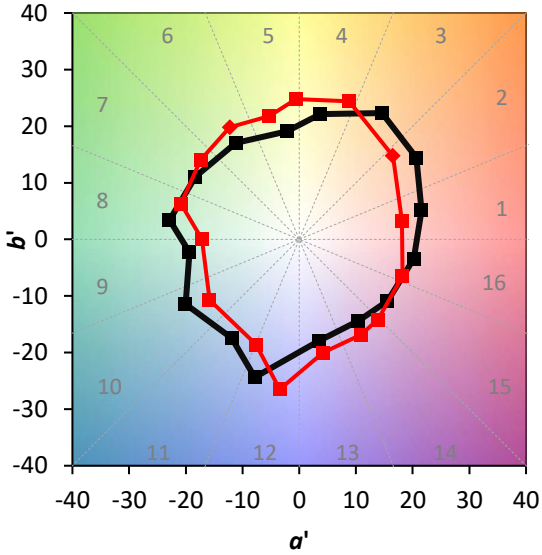
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

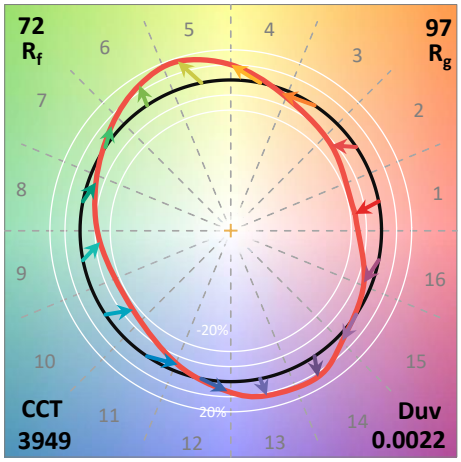
Spectral Power Distribution Comparison

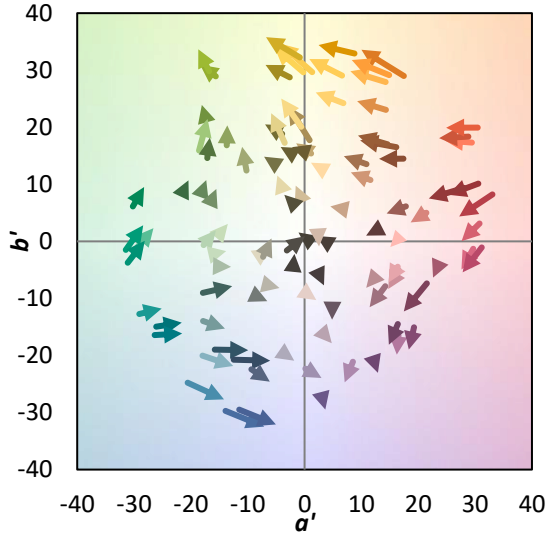


Color Vector Graphics







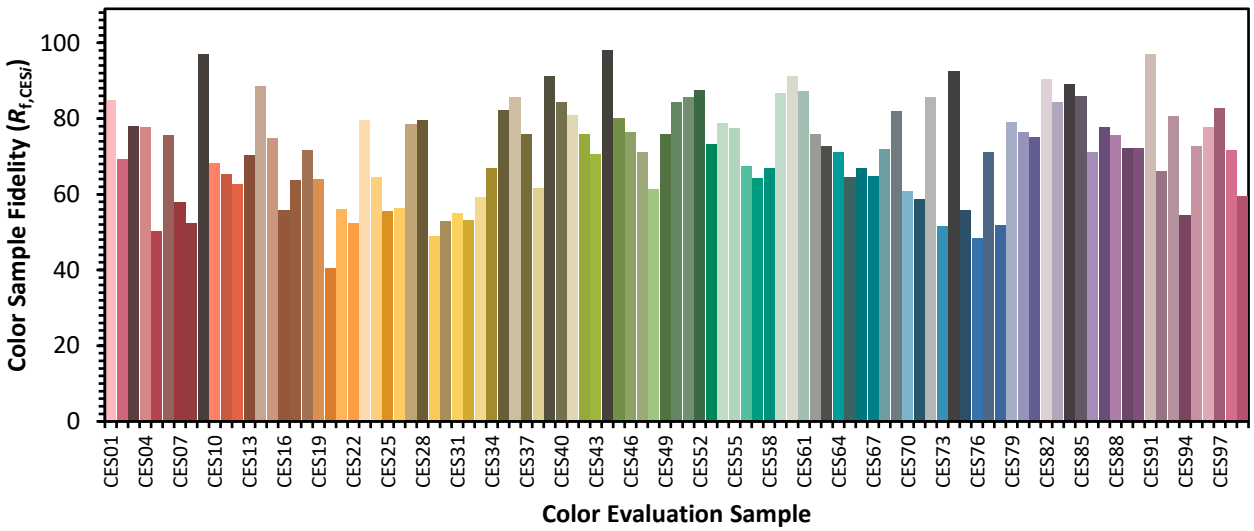


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

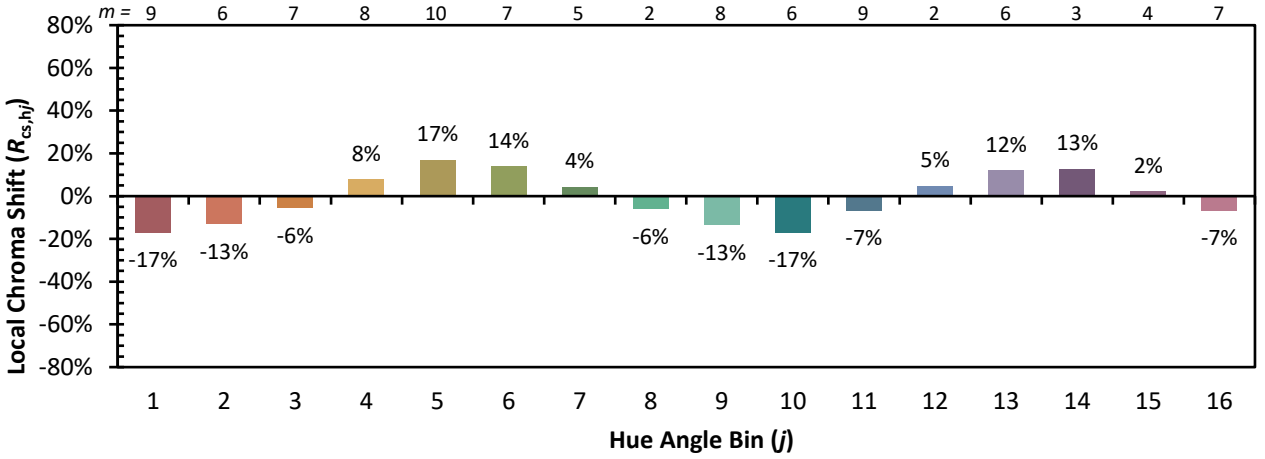
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

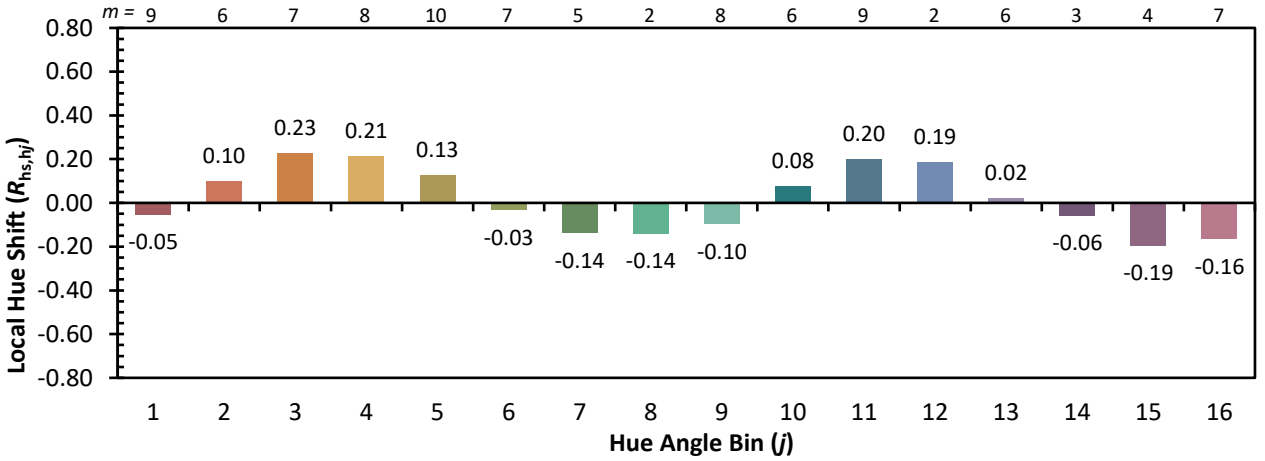


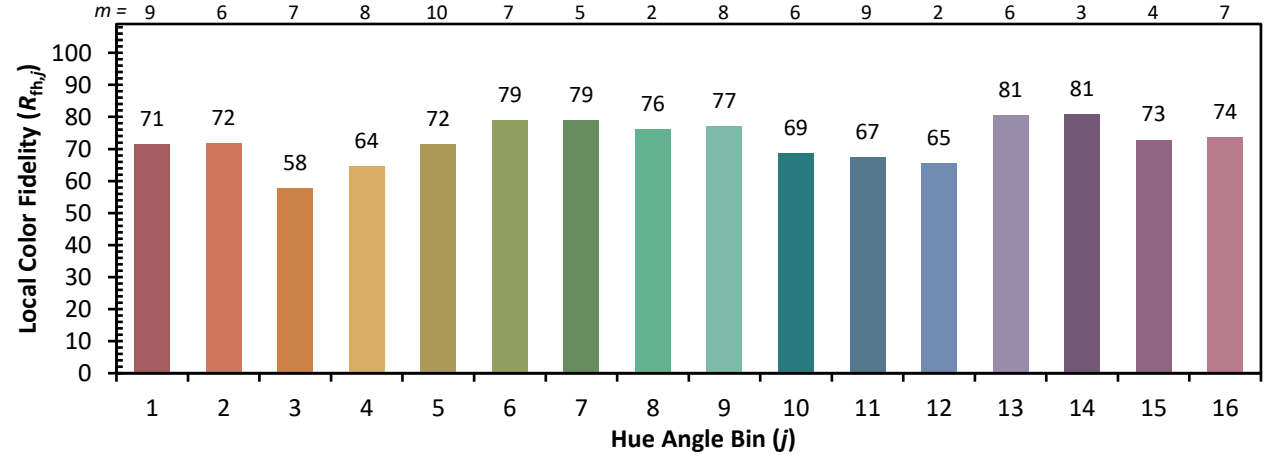
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



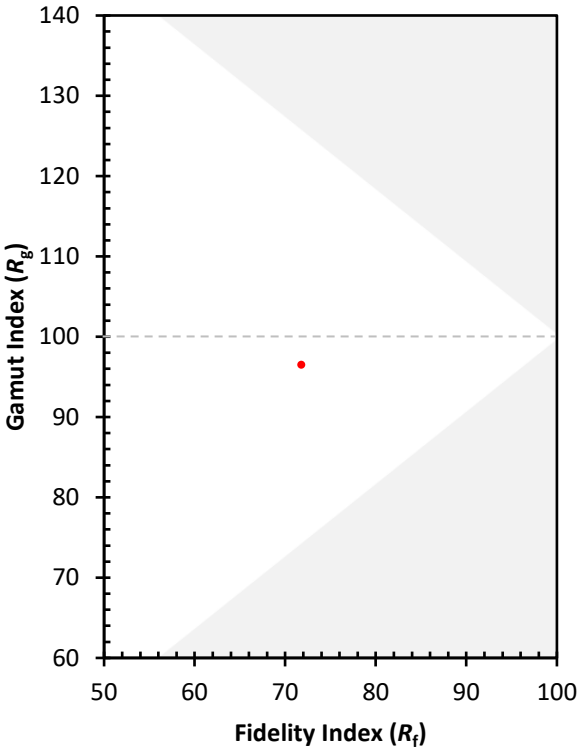


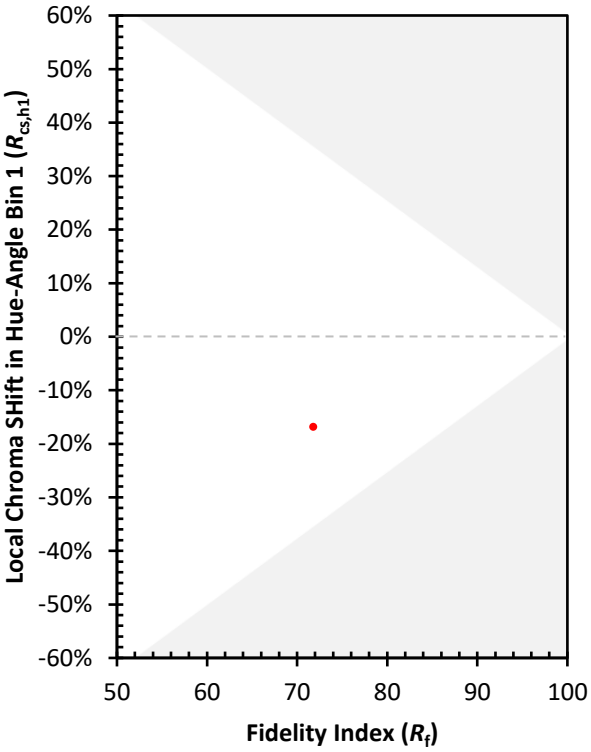


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)