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: P1367209

Luminaire Tested: **GSS-SB5C-740-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:	P1367209
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
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	36578 lumens
Efficiency:	N/A
Efficacy:	145.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G5

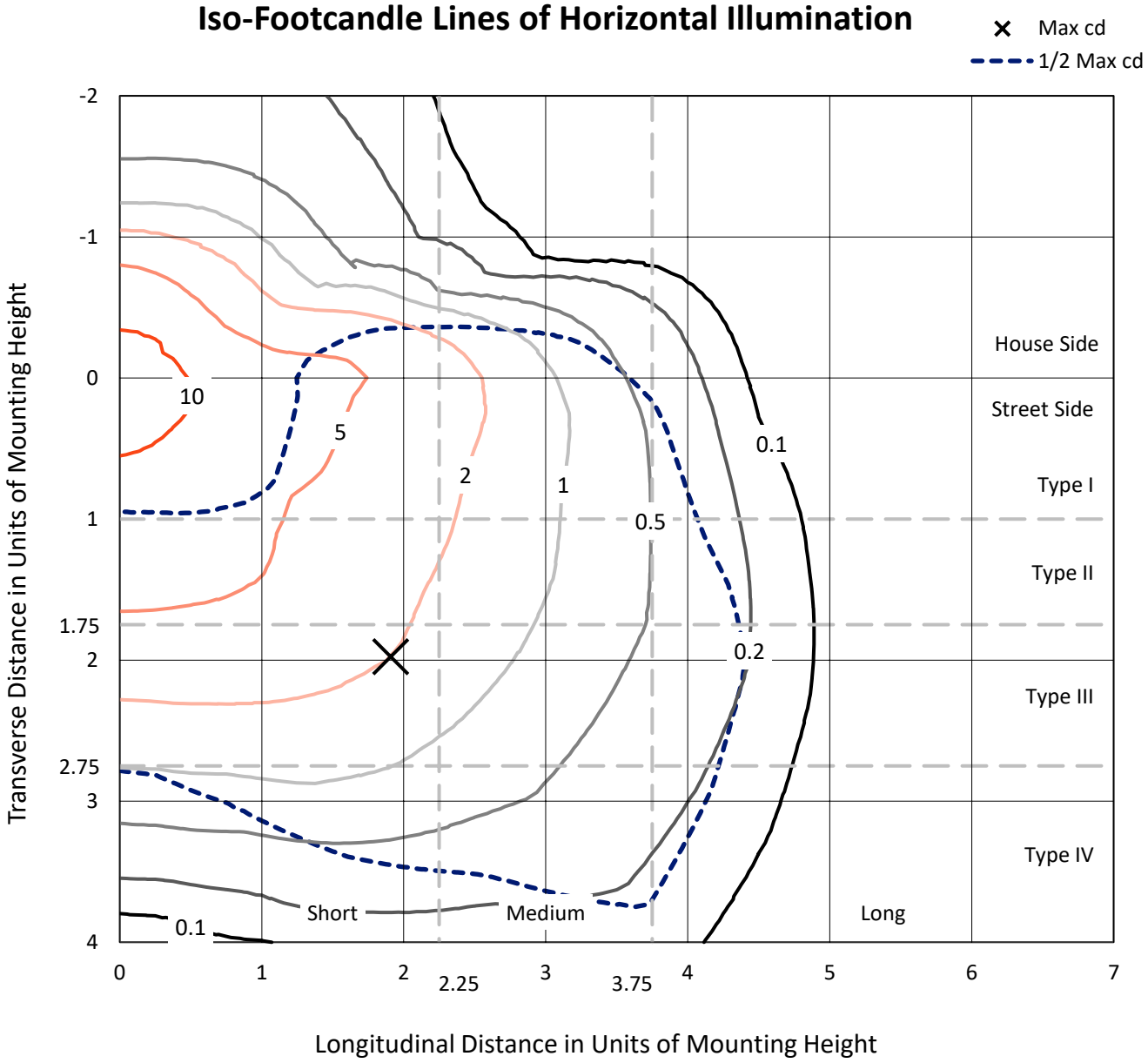
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



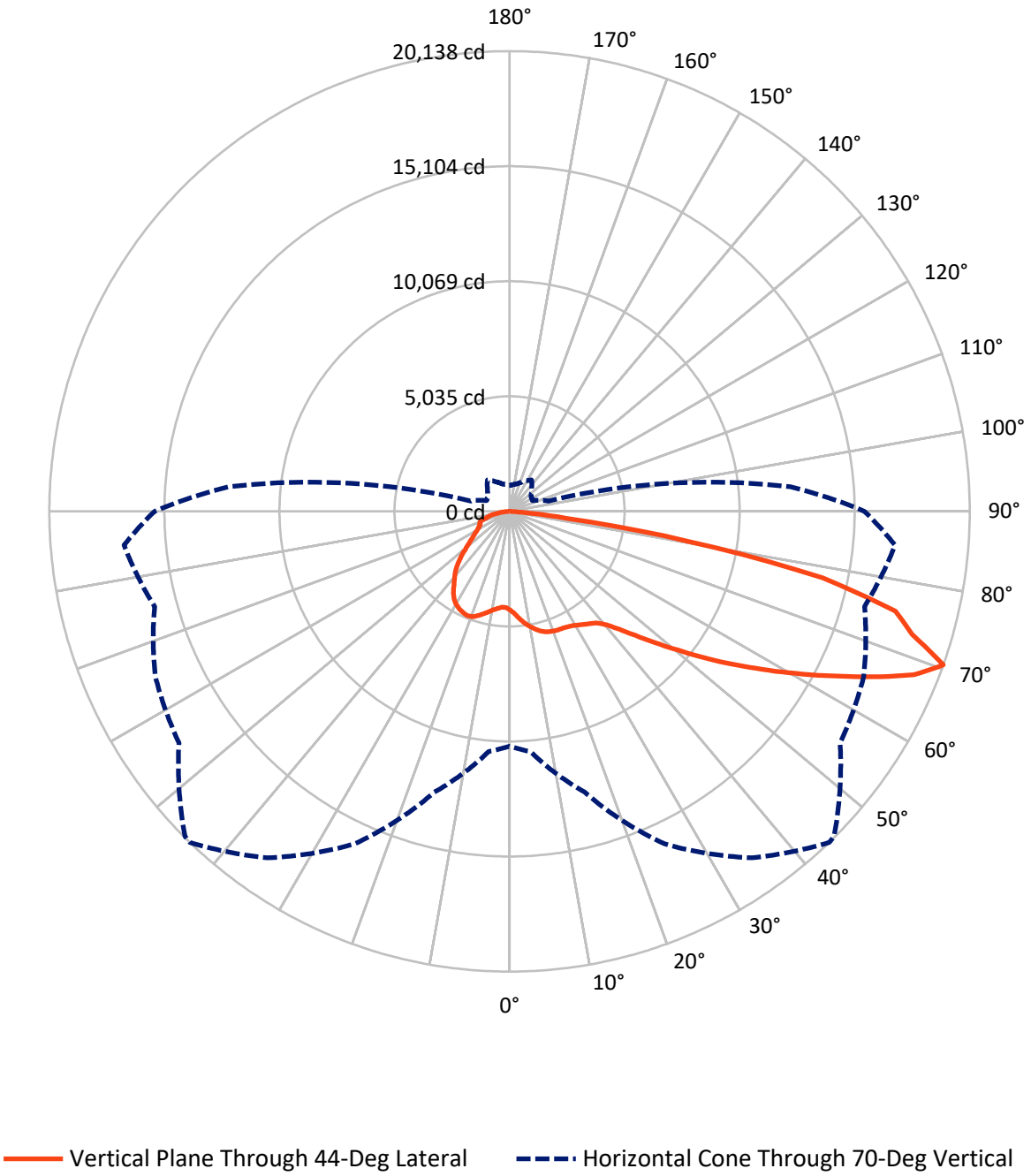
Based on 20 foot mounting height. Maximum calculated value = 13.3 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

Luminous Intensity Polar Plot



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

Scaled Data Report

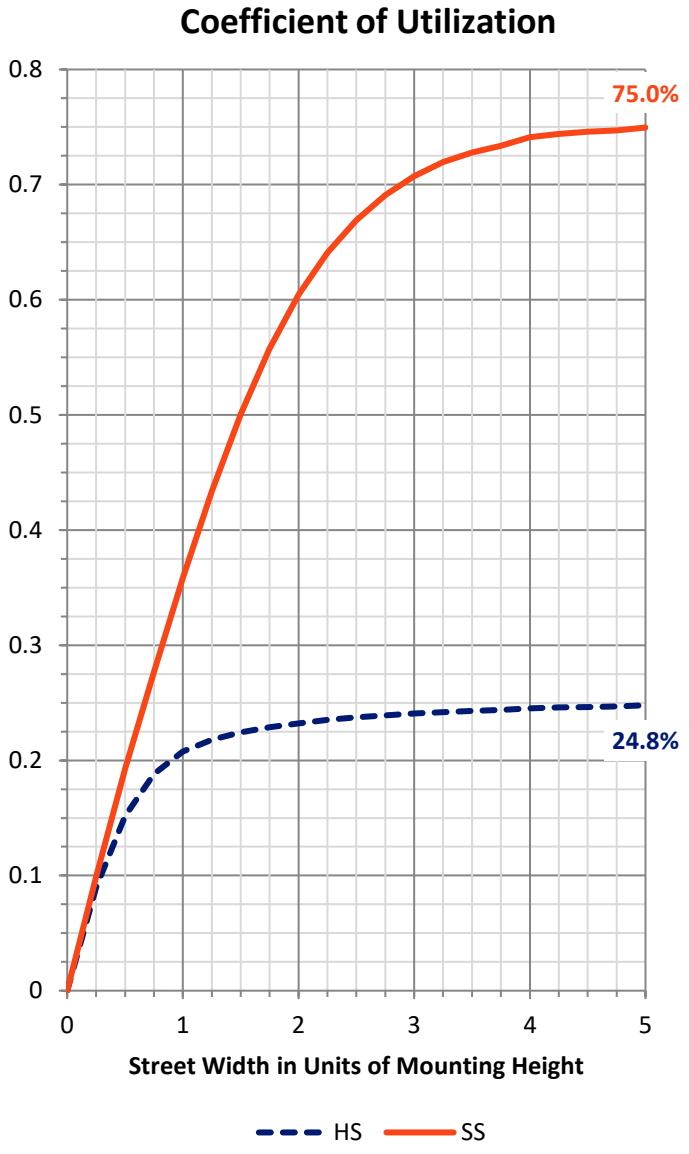
REPORT NUMBER: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9165.3	0.0	9165.3
	% Fixture	25.1	0.0	25.1
Street Side	Lumens	27412.7	0.0	27412.7
	% Fixture	74.9	0.0	74.9
Total	Lumens	36578.0	0.0	36578.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	436.2	1.2
10°-20°	1432.0	3.9
20°-30°	2464.0	6.7
30°-40°	3473.6	9.5
40°-50°	4806.6	13.1
50°-60°	7138.3	19.5
60°-70°	9540.1	26.1
70°-80°	6729.8	18.4
80°-90°	557.3	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°	36578.0	100.0
0°-180°	36578.0	100.0



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

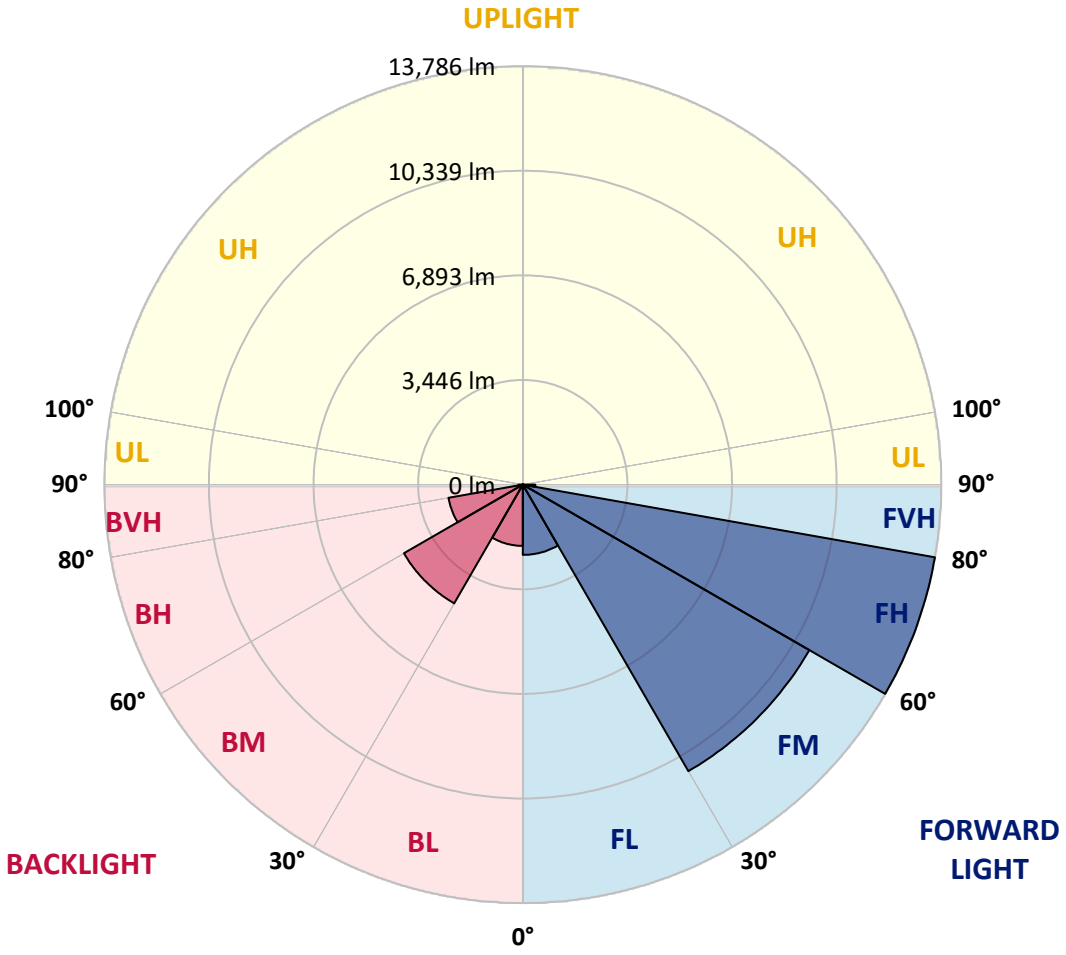
Scaled Data Report

REPORT NUMBER: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2314.9	6.3			
FM	(30°-60°)	10899.4	29.8			
FH	(60°-80°)	13786.0	37.7			G5
FVH	(80°-90°)	412.5	1.1			G3/500
BL	(0°-30°)	2017.4	5.5	B3/2500		
BM	(30°-60°)	4519.1	12.4	B3/5000		
BH	(60°-80°)	2484.0	6.8	B3/2500		G3/2500
BVH	(80°-90°)	144.9	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-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	4322.3	4322.3	4322.3	4322.3	4322.3	*4322.3*	4322.3	4322.3	4322.3	4322.3	4322.3
2.5°	4641.9	4615.2	4588.6	4579.7	4544.2	*4491.0*	4491.0	4473.2	4428.9	4393.4	4366.7
5°	4943.6	4952.5	4908.1	4872.6	4819.4	*4730.6*	4739.5	4659.6	4570.9	4473.2	4402.2
7.5°	5236.5	5236.5	5183.3	5138.9	5067.9	*4961.4*	4961.4	4837.1	4730.6	4597.5	4499.9
10°	5502.8	5485.0	5414.0	5360.8	5263.1	*5147.8*	5138.9	5014.6	4881.5	4730.6	4597.5
12.5°	5706.9	5706.9	5635.9	5547.2	5440.7	*5316.4*	5307.5	5174.4	5041.3	4881.5	4721.7
15°	5902.2	5857.8	5795.7	5680.3	5556.0	*5458.4*	5440.7	5325.3	5192.1	5050.1	4872.6
17.5°	5973.2	5955.4	5875.6	5760.2	5644.8	*5538.3*	5538.3	5431.8	5334.2	5192.1	5014.6
20°	5955.4	5928.8	5857.8	5760.2	5671.4	*5582.7*	5582.7	5502.8	5449.5	5316.4	5156.6
22.5°	5866.7	5840.1	5795.7	5706.9	5662.5	*5609.3*	5609.3	5564.9	5547.2	5467.3	5316.4
25°	5840.1	5822.3	5760.2	5680.3	5635.9	*5627.0*	5635.9	5644.8	5662.5	5600.4	5476.2
27.5°	5857.8	5857.8	5804.6	5724.7	5671.4	*5680.3*	5689.2	5742.4	5795.7	5760.2	5653.7
30°	5973.2	5946.6	5911.1	5831.2	5769.0	*5777.9*	5777.9	5884.4	5937.7	5893.3	5813.4
32.5°	6168.4	6141.8	6088.6	5919.9	5857.8	*5902.2*	5919.9	6008.7	6044.2	5999.8	5964.3
35°	6621.1	6647.7	6470.2	6168.4	5999.8	*6035.3*	6053.1	6115.2	6159.6	6141.8	6106.3
37.5°	7446.5	7455.4	7233.5	6692.1	6301.6	*6195.1*	6203.9	6292.7	6346.0	6283.8	6257.2
40°	8476.1	8484.9	8174.3	7437.6	6780.9	*6514.6*	6505.7	6523.5	6603.3	6496.8	6479.1
42.5°	9594.4	9470.1	9203.9	8360.7	7490.9	*7047.1*	6967.2	6914.0	7011.6	6878.5	6789.7
45°	10659.4	10570.7	10206.8	9337.0	8342.9	*7748.3*	7668.4	7402.1	7561.9	7455.4	7295.6
47.5°	11547.0	11476.0	11200.8	10393.2	9310.4	*8591.4*	8467.2	8050.0	8334.1	8280.8	8085.5
50°	12203.8	12132.8	11946.4	11449.3	10535.2	*9532.2*	9416.9	8911.0	9203.9	9301.5	9150.6
52.5°	12683.0	12665.3	12594.3	12514.4	11777.7	*10623.9*	10490.8	9860.6	10339.9	10526.3	10481.9
55°	13410.8	13375.3	13401.9	13535.1	13109.1	*11786.6*	11591.4	10854.7	11511.5	11857.6	11928.6
57.5°	14103.1	14103.1	14333.9	14680.0	14626.8	*13038.1*	12807.3	12017.4	12931.5	13100.2	13437.4
60°	14751.0	14813.1	15132.7	15895.9	16046.8	*14396.0*	14120.9	13357.6	14280.6	14467.0	15079.4
62.5°	14475.9	14626.8	15647.4	16881.1	17378.1	*15851.6*	15576.4	14830.9	15798.3	15576.4	16126.7
65°	13073.6	13304.3	14884.1	16943.3	18674.0	*17449.2*	17218.4	16490.6	16632.6	15745.1	16712.5
67.5°	11600.2	11937.5	13774.7	16188.8	19011.2	*19082.2*	18878.1	17511.3	16623.7	15922.6	17307.1
70°	*10277.8*	*10552.9*	*12718.5*	*16055.7*	*18505.3*	*20138.4*	*20094.0*	*17662.2*	*17103.0*	*16082.3*	*16934.4*
72.5°	7206.9	7588.5	9807.4	14822.0	18656.2	*18416.6*	18318.9	18718.3	17458.0	15496.6	15008.4
75°	2591.6	2742.5	5085.6	10029.3	14830.9	*17440.3*	17520.2	17342.6	17111.9	13881.2	11280.7
77.5°	772.2	825.4	1446.7	3976.2	8316.3	*13996.6*	14129.7	13659.3	12860.5	8369.6	4269.1
80°	417.1	452.6	683.4	1162.7	3115.3	*7899.2*	8263.1	6993.9	4633.0	2210.0	958.5
82.5°	204.1	221.9	355.0	568.0	1340.2	*2511.8*	2520.6	2236.6	1508.8	665.7	355.0
85°	71.0	79.9	115.4	213.0	461.5	*514.8*	514.8	479.3	443.8	328.4	159.8
87.5°	17.8	17.8	26.6	35.5	44.4	*53.3*	53.3	62.1	71.0	79.9	79.9
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: P1367209
CATALOG NUMBER: GSS-SB5C-740-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3	4322.3
2.5°	4349.0	4313.5	4286.8	4260.2	4242.5	4207.0	4198.1	4198.1	4189.2	4198.1	4189.2
5°	4375.6	4322.3	4278.0	4242.5	4224.7	4207.0	4207.0	4215.8	4207.0	4215.8	4207.0
7.5°	4428.9	4393.4	4349.0	4295.7	4286.8	4278.0	4286.8	4304.6	4313.5	4322.3	4304.6
10°	4535.4	4482.1	4420.0	4393.4	4375.6	4366.7	4393.4	4428.9	4437.7	4455.5	4437.7
12.5°	4659.6	4597.5	4553.1	4491.0	4491.0	4499.9	4526.5	4570.9	4597.5	4624.1	4597.5
15°	4801.6	4739.5	4677.4	4624.1	4615.2	4633.0	4677.4	4721.7	4730.6	4739.5	4721.7
17.5°	4943.6	4881.5	4801.6	4739.5	4730.6	4775.0	4792.7	4792.7	4775.0	4775.0	4748.4
20°	5085.6	5041.3	4961.4	4846.0	4881.5	4899.3	4846.0	4801.6	4775.0	4766.1	4739.5
22.5°	5254.3	5183.3	5094.5	4970.3	4996.9	4925.9	4828.3	4810.5	4783.9	4792.7	4766.1
25°	5414.0	5369.7	5227.6	5067.9	4996.9	4881.5	4819.4	4819.4	4792.7	4810.5	4801.6
27.5°	5600.4	5547.2	5351.9	5121.1	4934.8	4810.5	4801.6	4801.6	4757.2	4766.1	4757.2
30°	5786.8	5706.9	5449.5	5076.8	4783.9	4704.0	4730.6	4721.7	4704.0	4730.6	4748.4
32.5°	5946.6	5884.4	5502.8	4970.3	4597.5	4562.0	4579.7	4624.1	4668.5	4695.1	4730.6
35°	6115.2	6044.2	5547.2	4783.9	4393.4	4340.1	4331.2	4464.4	4544.2	4588.6	4615.2
37.5°	6292.7	6203.9	5573.8	4579.7	4198.1	4038.3	4065.0	4171.5	4260.2	4340.1	4402.2
40°	6532.3	6443.6	5609.3	4357.9	3994.0	3780.9	3745.4	3772.1	3834.2	3949.6	4011.7
42.5°	6887.4	6745.3	5609.3	4073.8	3701.1	3550.2	3425.9	3328.3	3292.8	3363.8	3399.3
45°	7375.5	7162.5	5573.8	3780.9	3363.8	3257.3	3053.2	2893.4	2751.4	2680.4	2662.6
47.5°	8183.2	7810.4	5538.3	3496.9	3044.3	2911.2	2662.6	2476.3	2272.1	2085.7	2041.4
50°	9266.0	8671.3	5547.2	3212.9	2724.8	2547.3	2325.4	2130.1	1890.5	1713.0	1686.3
52.5°	10694.9	9878.4	5600.4	2902.3	2414.1	2254.4	2068.0	1872.7	1633.1	1500.0	1491.1
55°	12354.6	11334.0	5786.8	2556.1	2130.1	2005.9	1872.7	1686.3	1482.2	1366.8	1349.1
57.5°	14289.5	13020.3	6159.6	2192.2	1872.7	1828.3	1721.8	1544.3	1375.7	1260.3	1242.6
60°	16197.7	14653.4	6443.6	1872.7	1668.6	1668.6	1571.0	1437.8	1207.1	1109.4	1091.7
62.5°	17085.3	15159.3	5902.2	1615.3	1508.8	1535.5	1473.3	1286.9	1215.9	1171.6	1144.9
65°	17298.3	14875.3	4437.7	1420.1	1375.7	1464.5	1366.8	1375.7	1313.6	1269.2	1242.6
67.5°	17040.9	14067.6	2840.1	1251.4	1278.1	1375.7	1508.8	1517.7	1313.6	1215.9	1198.2
70°	*15532.1*	*12336.9*	*1748.5*	*1109.4*	*1144.9*	*1357.9*	*1677.5*	*1428.9*	*1242.6*	*1162.7*	*1127.2*
72.5°	12958.2	10180.2	1224.8	976.3	976.3	1286.9	1508.8	1340.2	1144.9	1100.6	1056.2
75°	9097.3	6887.4	896.4	816.5	816.5	1002.9	1393.4	1224.8	1073.9	1091.7	1073.9
77.5°	3097.5	2236.6	647.9	630.2	603.5	860.9	1242.6	1171.6	994.1	940.8	869.8
80°	914.2	718.9	479.3	443.8	434.9	692.3	1047.3	860.9	710.0	647.9	603.5
82.5°	355.0	319.5	310.6	284.0	275.1	461.5	692.3	594.7	532.5	443.8	434.9
85°	142.0	142.0	159.8	159.8	142.0	248.5	417.1	328.4	310.6	275.1	266.3
87.5°	71.0	71.0	62.1	44.4	44.4	53.3	44.4	44.4	44.4	44.4	44.4
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

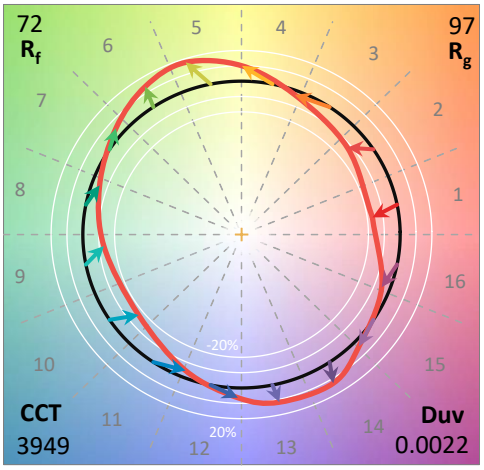
Test Information

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

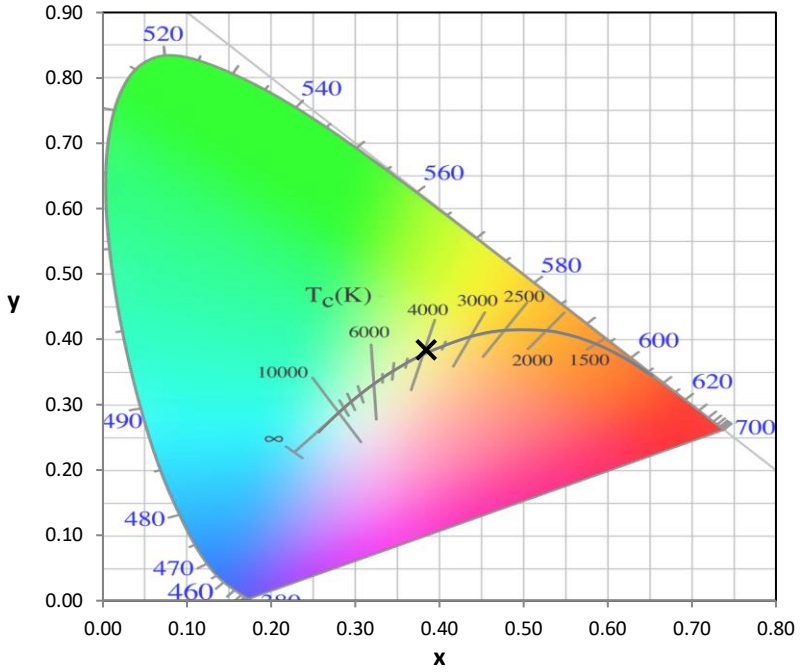
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

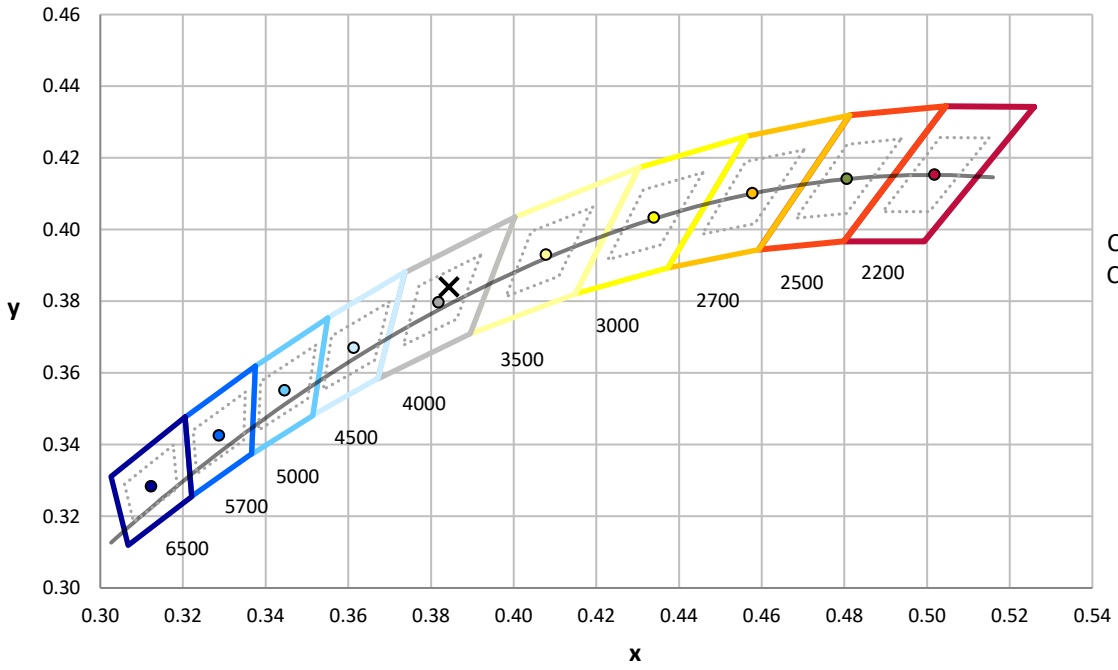
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

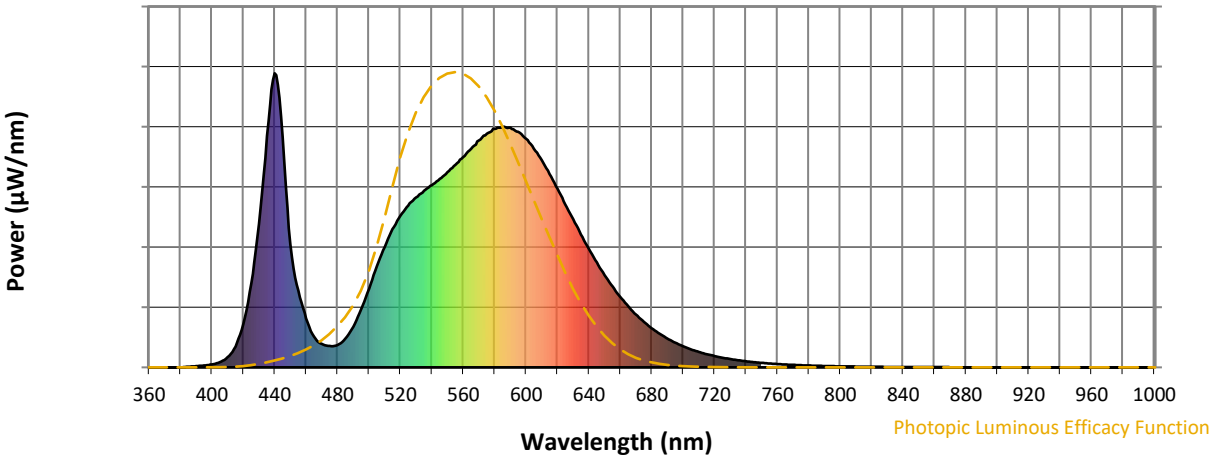


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

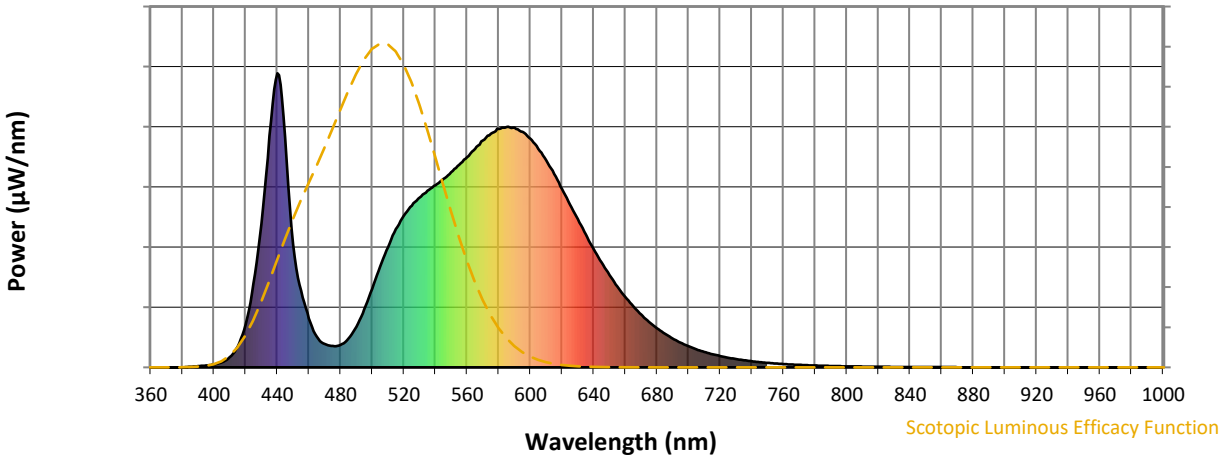


Photopic Lumens: NR

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

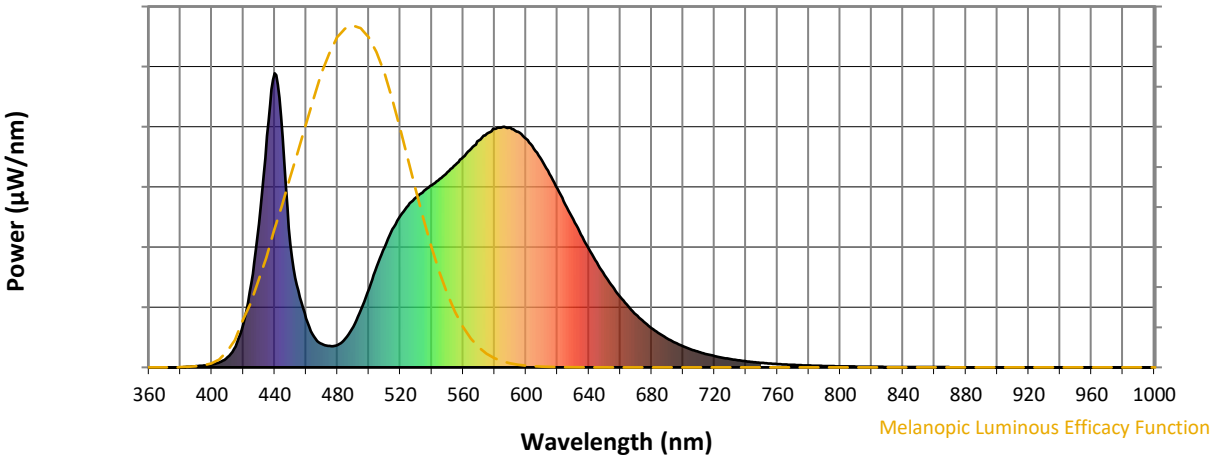


Scotopic Lumens: NR **S/P: 1.47**

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			

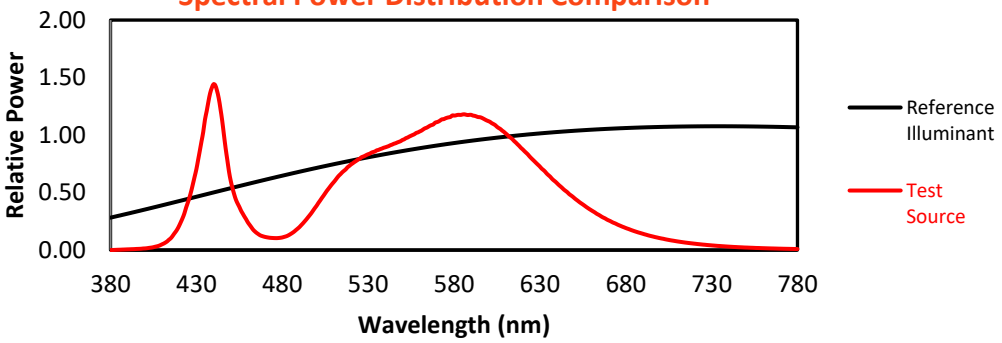
REPORT NUMBER: SP1-2407-184-1

TM-30-18

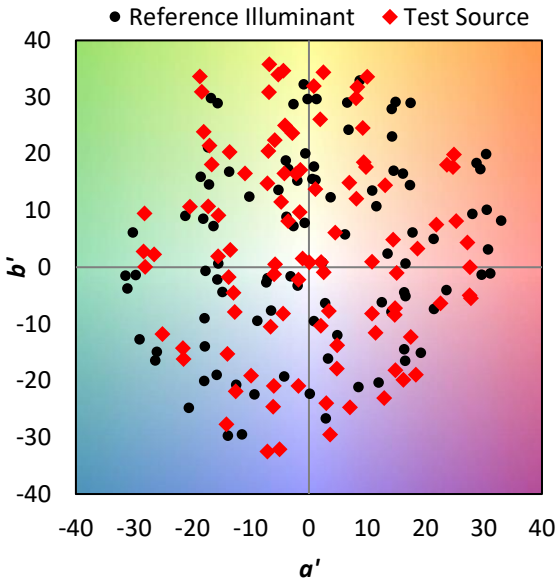
Summary

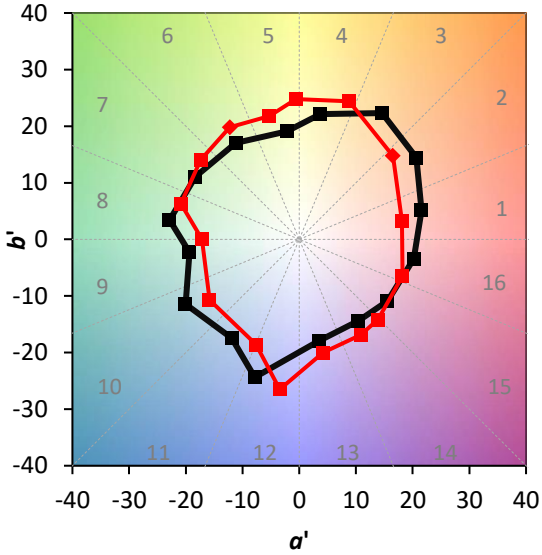
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

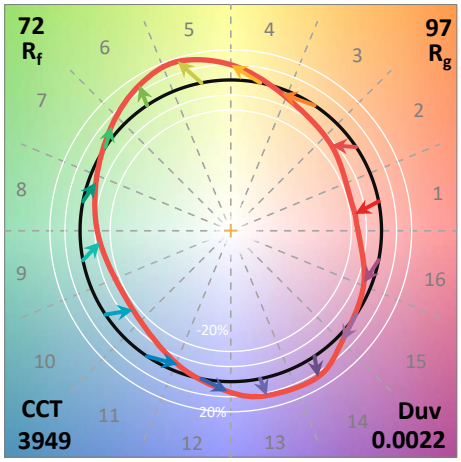
Spectral Power Distribution Comparison

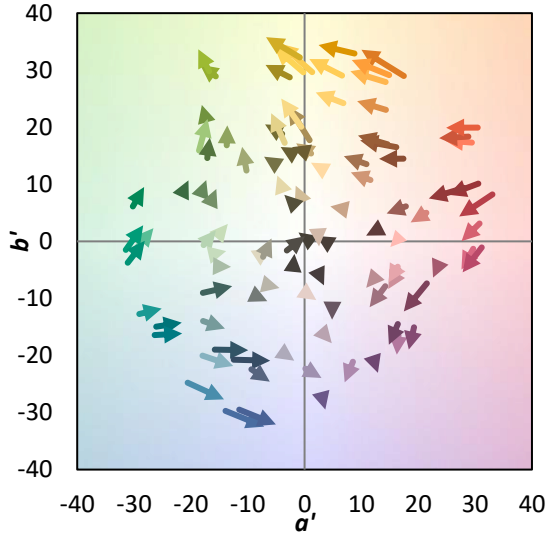


Color Vector Graphics







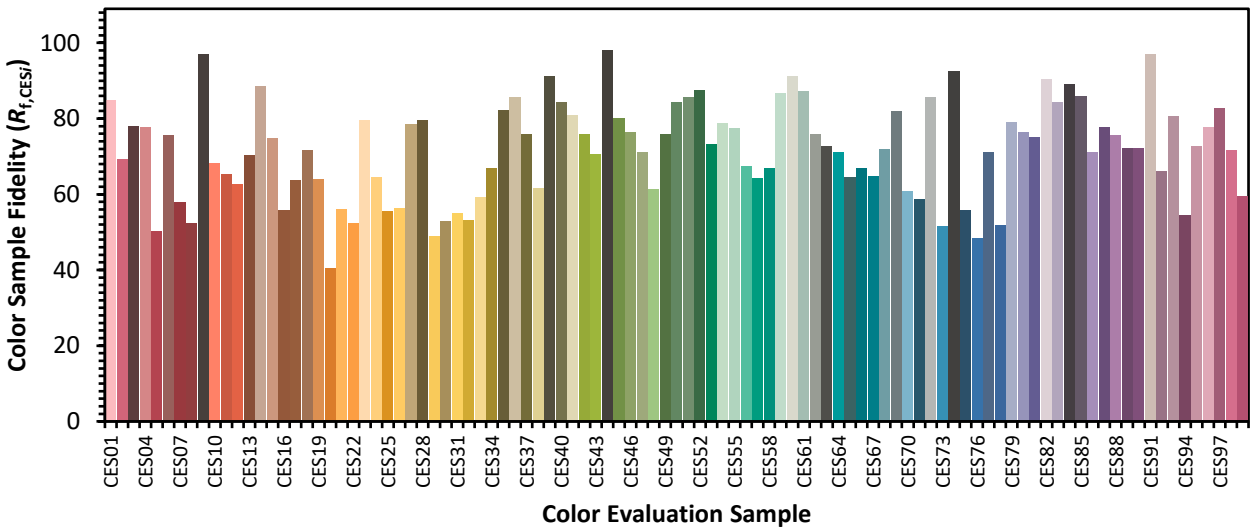


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

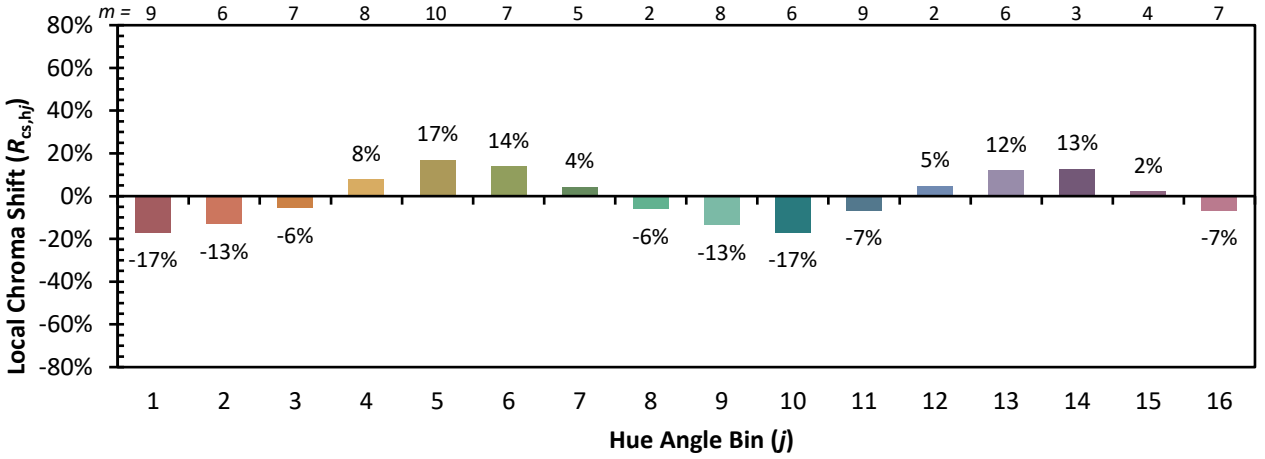
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

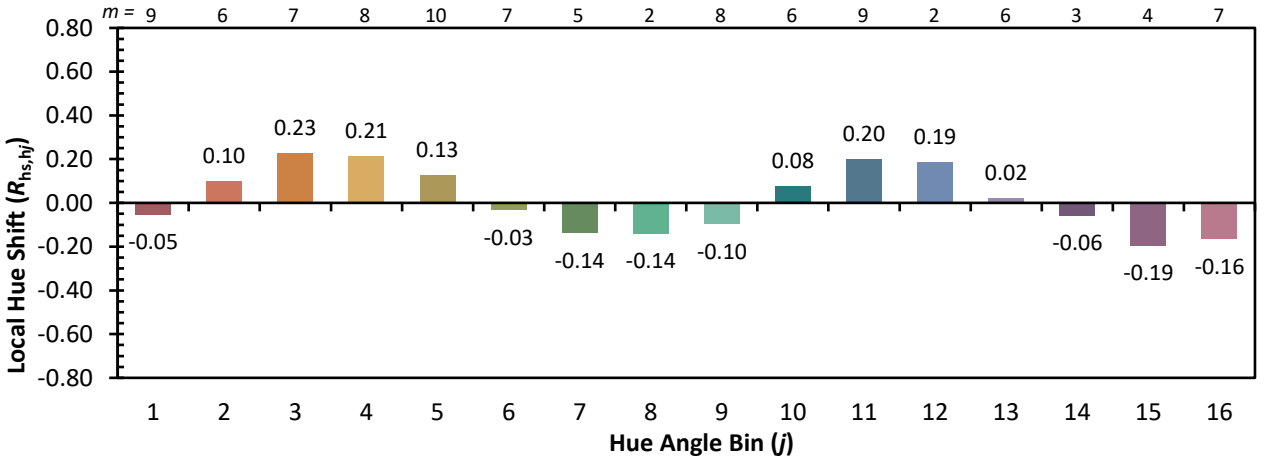


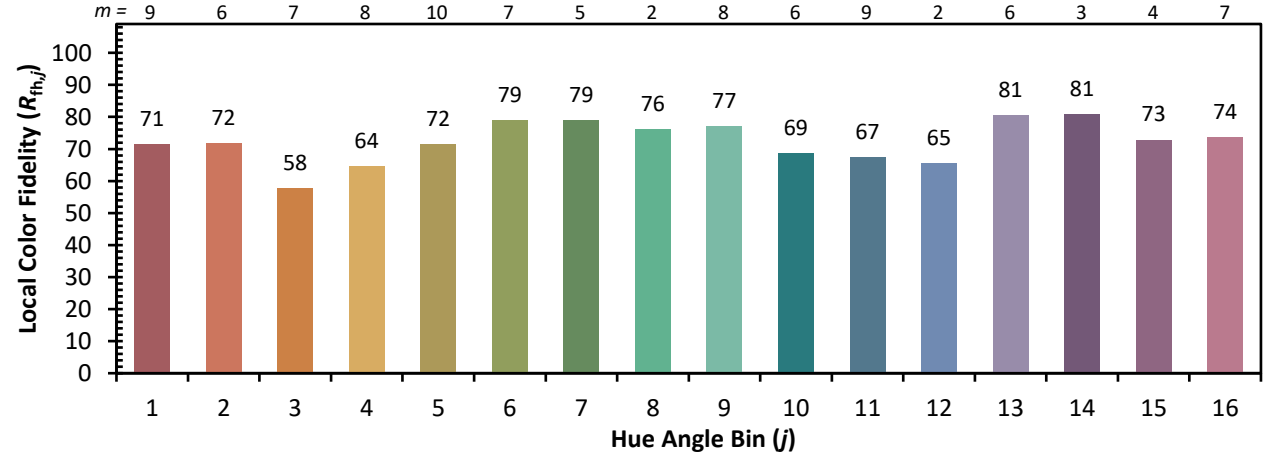
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



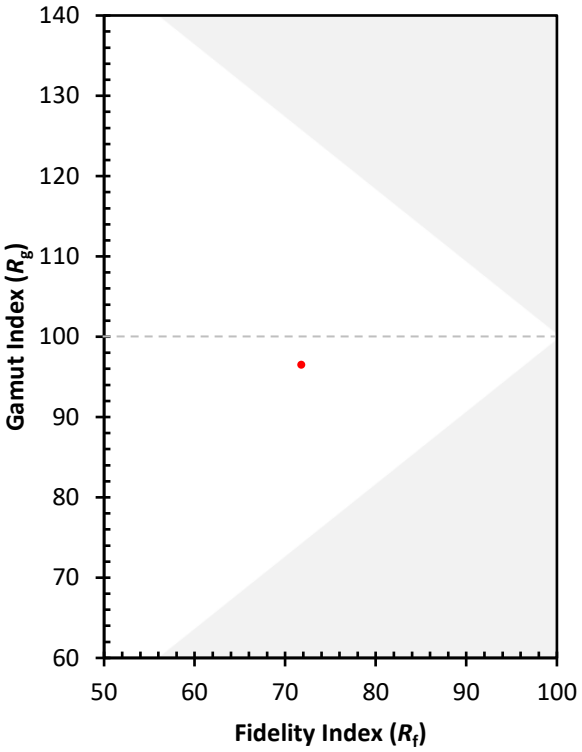


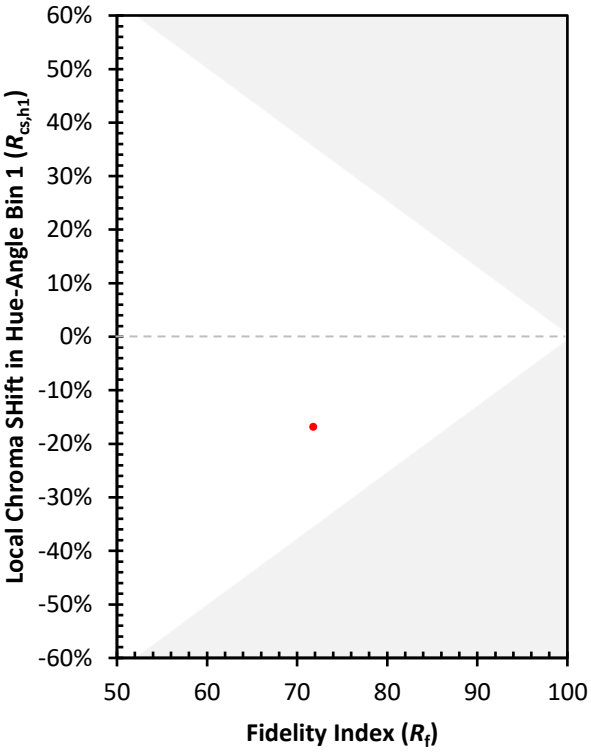


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)