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: P1362601

Luminaire Tested: **GSS-SB5C-740-U-SL2**

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:	P1362601
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-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE II SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37512.8 lumens
Efficiency:	N/A
Efficacy:	148.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

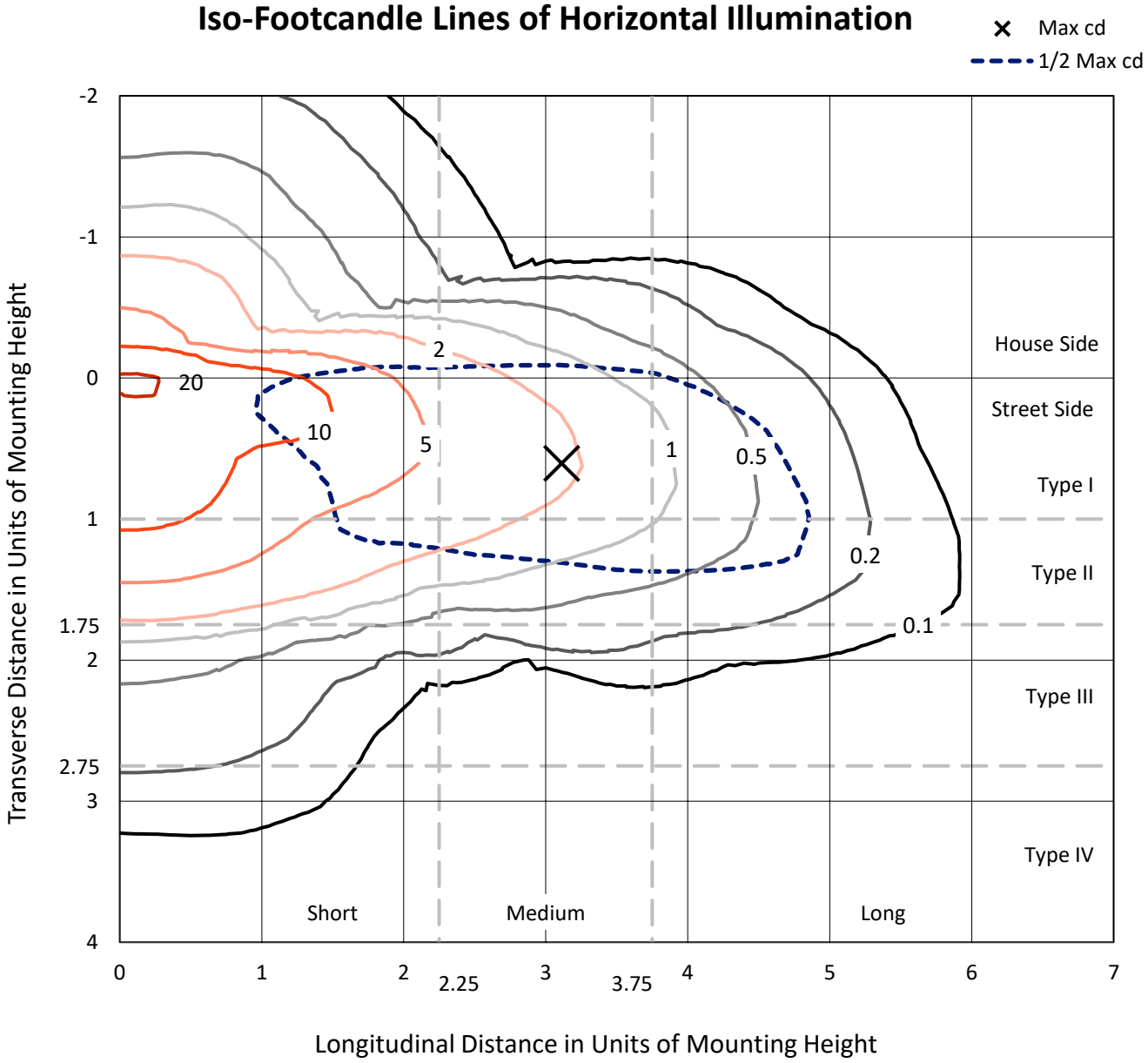
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



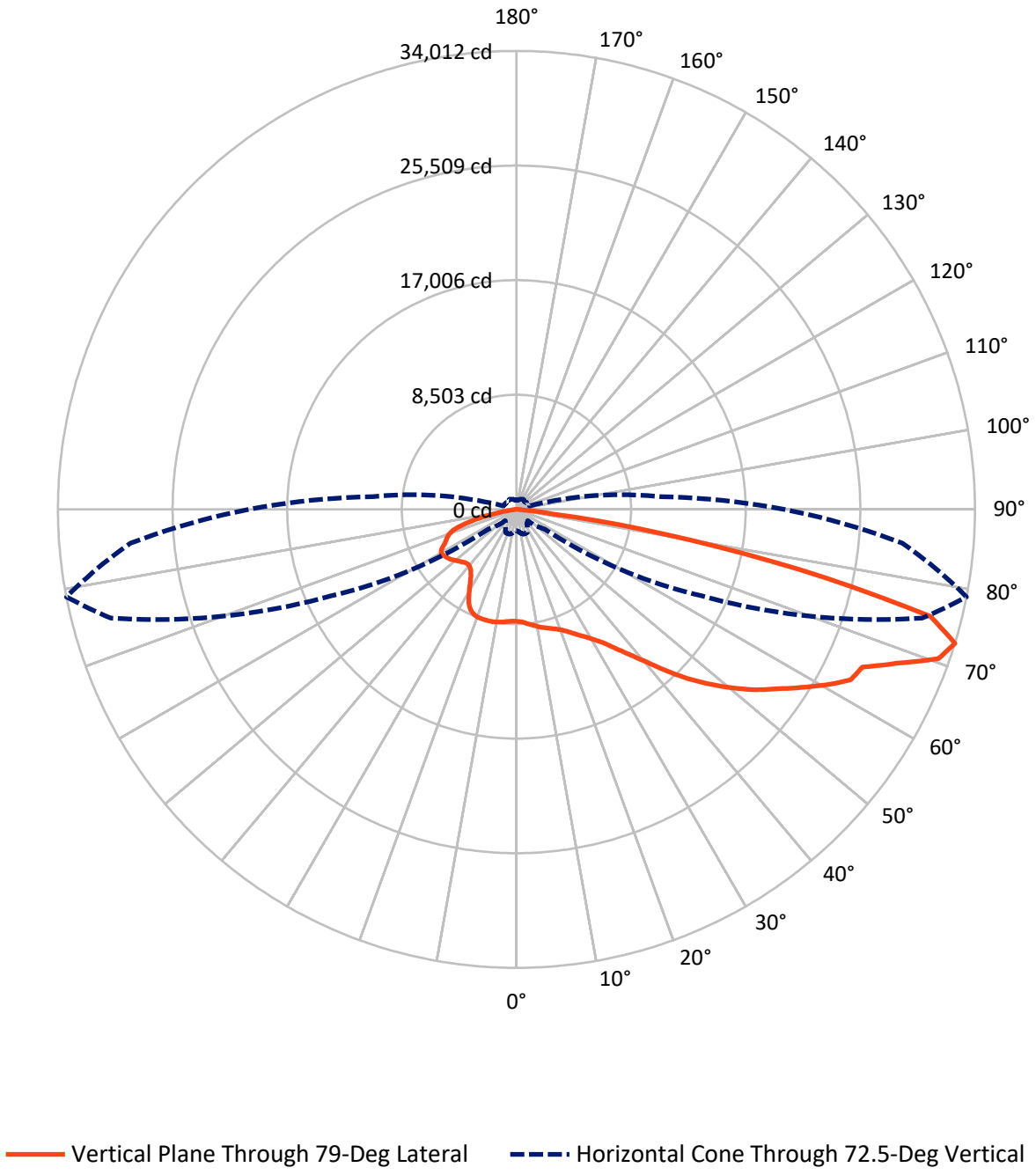
Based on 20 foot mounting height. Maximum calculated value = 20.9 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

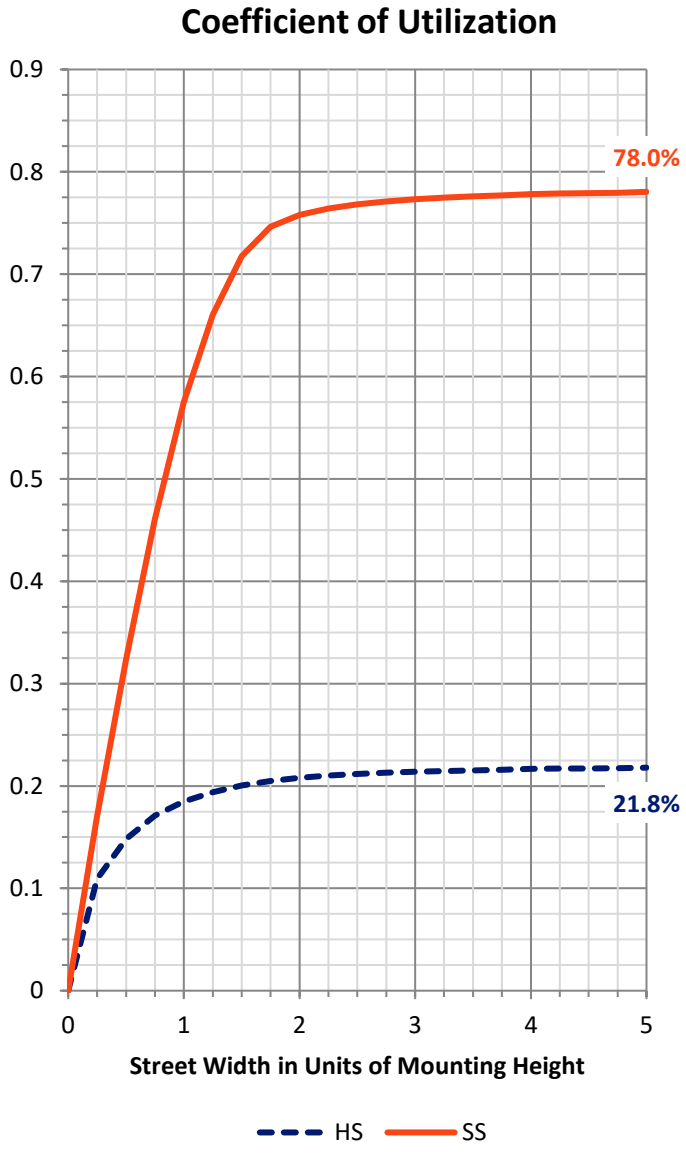
REPORT NUMBER: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8240.3	0.0	8240.3
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	29272.5	0.0	29272.5
	% Fixture	78.0	0.0	78.0
Total	Lumens	37512.8	0.0	37512.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	771.2	2.1
10°-20°	1915.3	5.1
20°-30°	3015.5	8.0
30°-40°	4500.1	12.0
40°-50°	6398.5	17.1
50°-60°	8082.6	21.5
60°-70°	7565.4	20.2
70°-80°	4805.6	12.8
80°-90°	458.4	1.2
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°	37512.8	100.0
0°-180°	37512.8	100.0



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

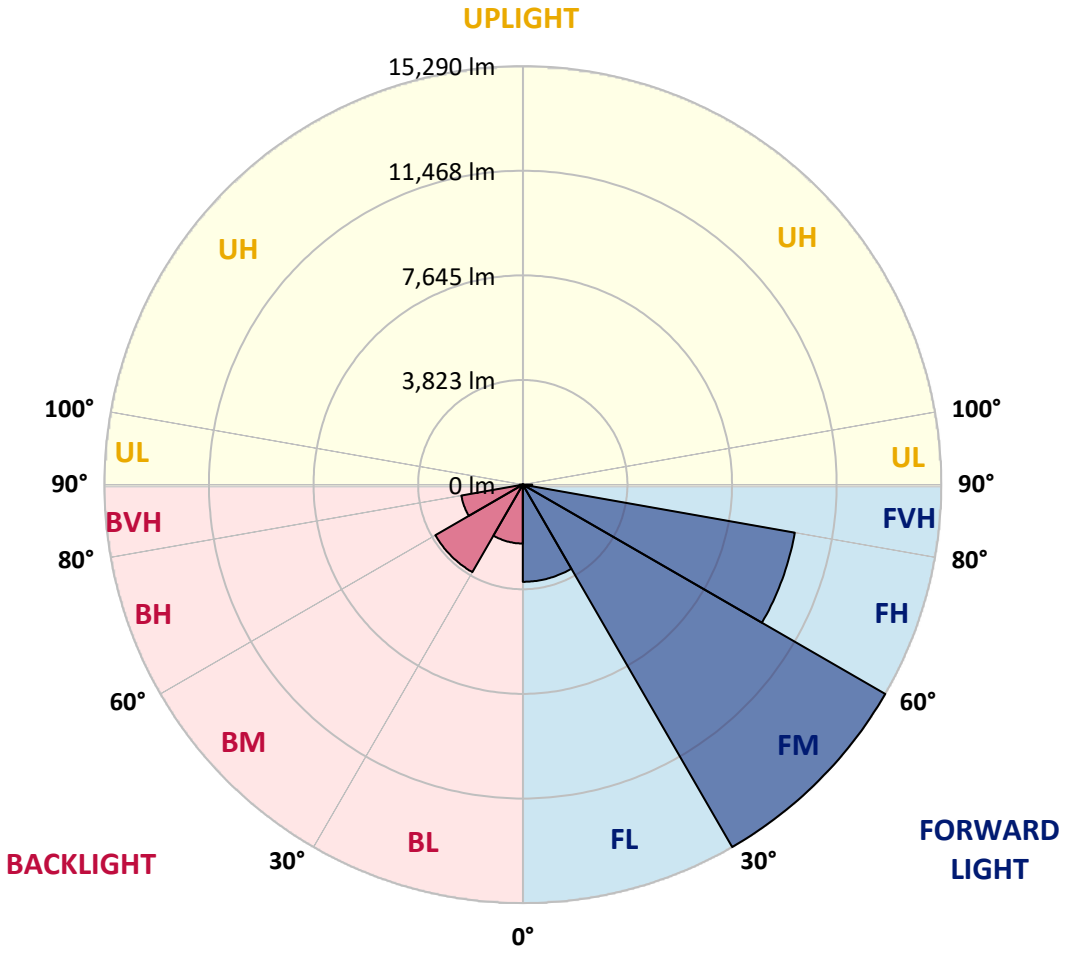
Scaled Data Report

REPORT NUMBER: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3550.7	9.5			
FM	(30°-60°)	15290.3	40.8			
FH	(60°-80°)	10090.0	26.9			G4/12000
FVH	(80°-90°)	341.5	0.9			G3/500
BL	(0°-30°)	2151.3	5.7	B3/2500		
BM	(30°-60°)	3691.0	9.8	B3/5000		
BH	(60°-80°)	2281.1	6.1	B3/2500		G3/2500
BVH	(80°-90°)	116.9	0.3			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	*8307.6*	8307.6
2.5°	8502.9	8511.8	8476.3	8476.3	8485.2	8449.7	8405.3	8396.4	8360.9	*8360.9*	8360.9
5°	8547.3	8547.3	8538.4	8582.8	8600.5	8627.2	8591.7	8565.0	8511.8	*8511.8*	8440.8
7.5°	8076.9	8059.1	8130.1	8334.3	8547.3	8662.7	8733.7	8733.7	8707.0	*8662.7*	8600.5
10°	7189.3	7215.9	7322.4	7597.6	7988.1	8511.8	8795.8	8911.2	8866.8	*8849.1*	8742.6
12.5°	6718.9	6710.0	6789.9	6994.0	7331.3	7970.4	8671.5	9035.4	9044.3	*8999.9*	8875.7
15°	6665.6	6639.0	6674.5	6745.5	6967.4	7482.2	8298.8	9079.8	9168.6	*9150.8*	9008.8
17.5°	6967.4	6958.5	6905.3	6887.5	6878.7	7162.7	7934.9	9044.3	9337.2	*9319.5*	9159.7
20°	7491.1	7446.7	7349.1	7260.3	7073.9	7100.5	7650.8	8999.9	9568.0	*9541.4*	9381.6
22.5°	8050.2	8068.0	7979.2	7766.2	7437.8	7286.9	7562.1	8937.8	9878.6	*9860.9*	9647.9
25°	8733.7	8715.9	8609.4	8369.8	7934.9	7606.5	7659.7	8920.1	10233.7	*10251.4*	9994.0
27.5°	9434.9	9417.1	9284.0	8982.2	8476.3	7997.0	7881.6	8991.1	10686.3	*10677.5*	10357.9
30°	10215.9	10224.8	10056.2	9647.9	9035.4	8485.2	8236.6	9177.5	11139.0	*11165.6*	10775.1
32.5°	10917.1	10961.5	10863.8	10482.2	9718.9	8991.1	8671.5	9479.2	11742.5	*11786.9*	11307.6
35°	11360.9	11387.5	11378.6	11201.1	10446.7	9568.0	9106.5	9860.9	12470.3	*12639.0*	12017.7
37.5°	11786.9	11849.0	11857.9	11724.8	11156.7	10251.4	9621.2	10393.4	13402.3	*13677.4*	12949.6
40°	12248.4	12230.7	12355.0	12195.2	11795.8	10979.2	10153.8	10997.0	14431.9	*14884.5*	14041.3
42.5°	12523.6	12568.0	12727.7	12692.2	12292.8	11653.8	10757.3	11671.5	15718.8	*16384.5*	15363.8
45°	12701.1	12745.5	12976.3	13011.8	12798.7	12115.3	11325.4	12319.5	16899.3	*17937.8*	16783.9
47.5°	12763.2	12789.9	13091.6	13233.6	13144.9	12408.2	11769.2	13056.1	18062.0	*19402.3*	18204.0
50°	12514.7	12612.4	13002.9	13322.4	13384.5	12559.1	12150.8	13837.2	19313.5	*20822.4*	19633.0
52.5°	12133.1	12186.3	12656.7	13340.2	13535.4	12807.6	12621.2	14662.6	20494.0	*22242.5*	20857.9
55°	11387.5	11494.0	12079.8	13047.3	13624.2	13136.0	13233.6	15594.6	21718.8	*23485.1*	22189.2
57.5°	9275.1	9461.5	10428.9	11795.8	13384.5	13783.9	14147.8	16748.4	23059.0	*24922.9*	23378.6
60°	5813.6	6062.1	7073.9	9284.0	12026.6	14165.6	15603.5	18248.4	24656.7	*26431.8*	24701.0
62.5°	3150.9	3142.0	3443.8	4748.5	8671.5	13171.5	16854.9	20849.0	26715.8	*27834.2*	25473.2
65°	2733.7	2733.7	2769.2	2760.3	3745.5	9718.9	15612.3	22402.2	28135.9	*28206.9*	24816.4
67.5°	2458.6	2458.6	2511.8	2378.7	2041.4	4349.1	11423.0	21479.2	30488.0	*30443.6*	25659.6
70°	2165.7	2174.5	2263.3	2183.4	1642.0	1766.3	6248.5	19562.0	32245.4	*33195.1*	27337.1
72.5°	*1588.7*	*1642.0*	*1899.4*	*1899.4*	*1349.1*	*1189.3*	*2538.4*	*15168.5*	*31144.8*	*34011.6*	*28730.6*
75°	1118.3	1127.2	1260.3	1358.0	1065.1	896.4	1233.7	10153.8	28570.8	*31730.6*	27488.0
77.5°	852.1	860.9	905.3	1082.8	727.8	656.8	852.1	5547.3	20609.3	*21425.9*	17831.3
80°	568.0	559.2	621.3	763.3	514.8	443.8	550.3	1855.0	11565.0	*11032.5*	7446.7
82.5°	284.0	292.9	337.3	399.4	301.8	266.3	319.5	958.6	4535.5	*2636.1*	1082.8
85°	79.9	97.6	115.4	159.8	124.3	115.4	150.9	337.3	576.9	*426.0*	292.9
87.5°	8.9	8.9	17.8	17.8	17.8	26.6	44.4	71.0	97.6	*97.6*	97.6
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: P1362601
CATALOG NUMBER: GSS-SB5C-740-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6	8307.6
2.5°	8343.1	8316.5	8281.0	8227.8	8227.8	8165.6	8130.1	8059.1	8085.8	8050.2	8032.5
5°	8423.0	8387.5	8307.6	8218.9	8130.1	7997.0	7890.5	7739.6	7721.8	7686.3	7633.1
7.5°	8565.0	8476.3	8378.6	8174.5	8005.9	7704.1	7464.5	7162.7	6994.0	6887.5	6896.4
10°	8707.0	8591.7	8387.5	8121.3	7757.3	7260.3	6639.0	6044.3	5591.7	5334.3	5387.5
12.5°	8804.7	8680.4	8405.3	7979.2	7304.7	6310.6	5156.8	4313.6	3985.2	3816.5	3816.5
15°	8902.3	8742.6	8378.6	7677.5	6452.6	4757.4	3843.2	3523.6	3434.9	3381.6	3363.9
17.5°	9026.6	8840.2	8298.8	7118.3	5085.8	3718.9	3399.4	3301.8	3301.8	3292.9	3275.1
20°	9177.5	8955.6	8201.1	6230.7	3905.3	3337.3	3248.5	3230.7	3248.5	3239.6	3230.7
22.5°	9408.2	9097.6	7952.6	5005.9	3355.0	3159.7	3150.9	3062.1	3079.9	3097.6	3088.7
25°	9701.1	9275.1	7482.2	3825.4	3079.9	3044.4	2955.6	2875.7	2866.8	2875.7	2875.7
27.5°	9976.3	9408.2	6718.9	3150.9	2884.6	2875.7	2795.8	2724.8	2724.8	2733.7	2733.7
30°	10278.0	9488.1	5547.3	2804.7	2769.2	2724.8	2698.2	2671.6	2680.5	2707.1	2707.1
32.5°	10677.5	9568.0	4402.3	2609.5	2653.8	2591.7	2609.5	2600.6	2618.3	2662.7	2671.6
35°	11165.6	9603.5	3523.6	2494.1	2494.1	2440.8	2449.7	2414.2	2414.2	2440.8	2458.6
37.5°	11813.5	9621.2	2964.5	2431.9	2369.8	2343.2	2325.4	2281.1	2218.9	2174.5	2183.4
40°	12514.7	9665.6	2662.7	2387.6	2316.6	2307.7	2272.2	2210.0	2032.5	1890.5	1881.6
42.5°	13446.7	9789.9	2511.8	2316.6	2316.6	2316.6	2263.3	1988.2	1846.1	1748.5	1739.6
45°	14387.5	10118.3	2431.9	2254.4	2307.7	2316.6	2076.9	1908.3	1792.9	1686.4	1659.8
47.5°	15434.8	10588.7	2396.4	2218.9	2245.5	2263.3	1952.7	1872.8	1739.6	1615.4	1588.7
50°	16473.3	11085.7	2360.9	2156.8	2156.8	2041.4	1926.0	1837.3	1704.1	1571.0	1553.2
52.5°	17573.9	11662.7	2325.4	2050.3	2041.4	1917.1	1899.4	1828.4	1686.4	1517.7	1482.2
55°	18532.4	12186.3	2263.3	1926.0	1917.1	1792.9	1881.6	1792.9	1579.9	1384.6	1349.1
57.5°	19446.6	12612.4	2183.4	1792.9	1810.6	1695.3	1810.6	1721.9	1482.2	1287.0	1269.2
60°	20316.4	13056.1	2076.9	1677.5	1677.5	1606.5	1721.9	1606.5	1384.6	1189.3	1162.7
62.5°	20573.8	12914.1	1899.4	1553.2	1544.4	1491.1	1606.5	1473.4	1260.3	1082.8	1056.2
65°	19686.3	12186.3	1686.4	1429.0	1402.4	1358.0	1437.9	1313.6	1118.3	976.3	967.4
67.5°	19810.5	11902.3	1446.7	1269.2	1242.6	1207.1	1233.7	1136.1	985.2	878.7	869.8
70°	19970.3	11591.6	1224.8	1118.3	1056.2	994.1	1056.2	976.3	869.8	781.1	772.2
72.5°	*19846.0*	*10730.7*	*1011.8*	*940.8*	*896.4*	*825.4*	*905.3*	*843.2*	*754.4*	*683.4*	*665.7*
75°	18053.1	8627.2	825.4	772.2	718.9	674.6	727.8	710.1	639.0	630.2	568.0
77.5°	12141.9	5529.6	639.0	594.7	576.9	532.5	568.0	541.4	505.9	470.4	443.8
80°	5263.3	2476.3	461.5	417.2	399.4	372.8	408.3	399.4	381.7	355.0	346.2
82.5°	754.4	585.8	310.6	284.0	239.6	221.9	239.6	257.4	372.8	452.7	443.8
85°	213.0	177.5	150.9	133.1	106.5	88.8	97.6	159.8	213.0	133.1	115.4
87.5°	97.6	88.8	71.0	44.4	26.6	26.6	17.8	8.9	8.9	0.0	0.0
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

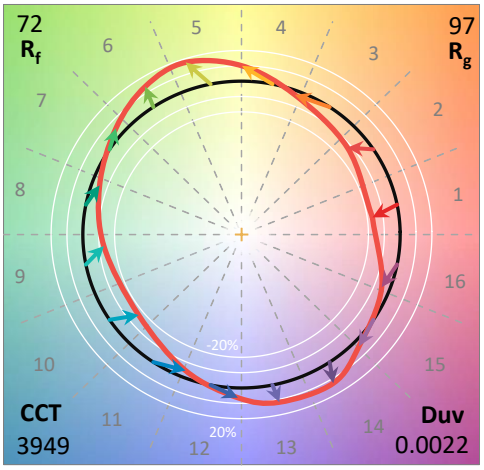
Test Information

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

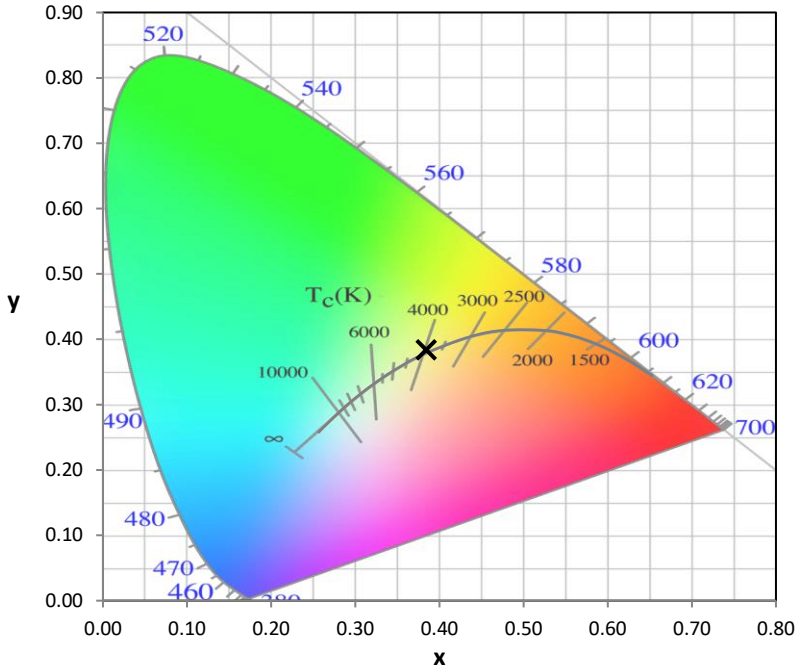
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

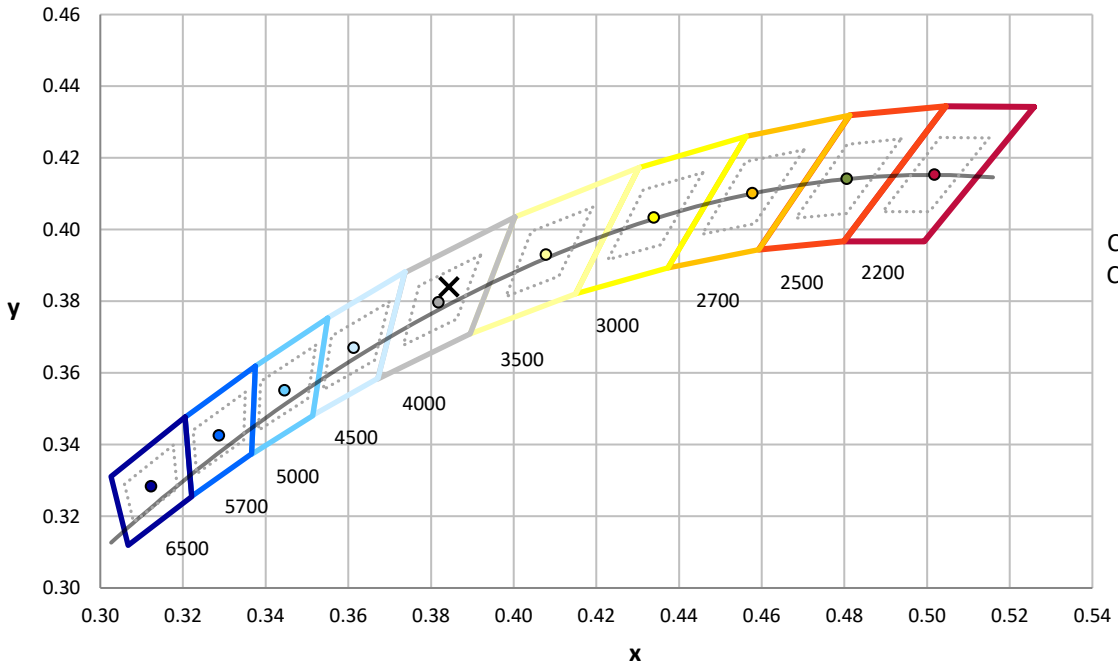
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

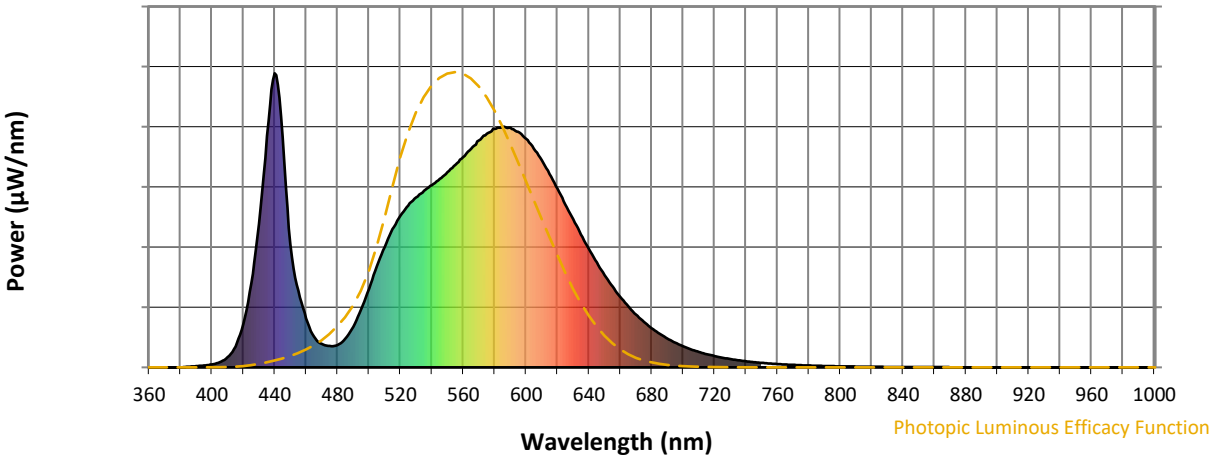


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

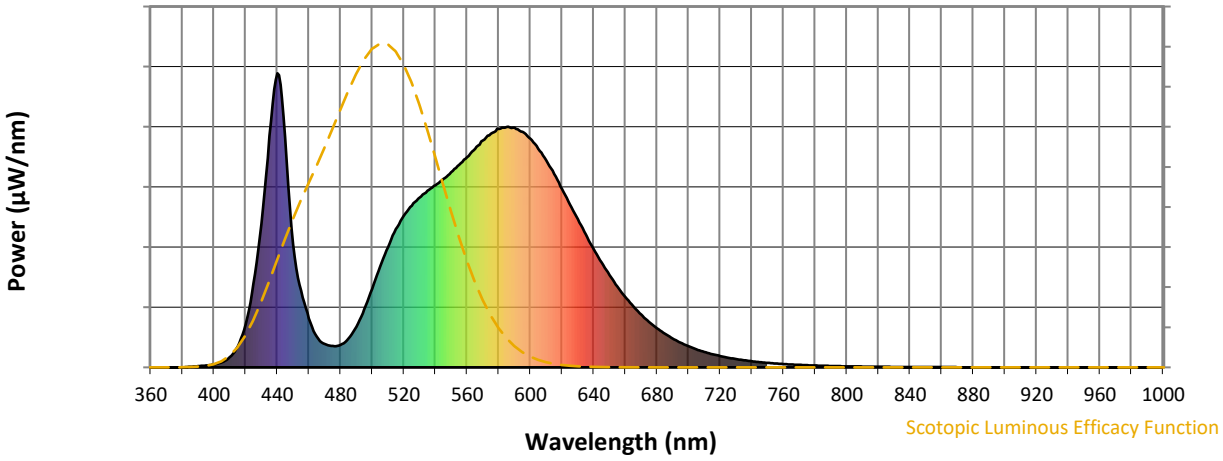


Photopic Lumens: NR

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

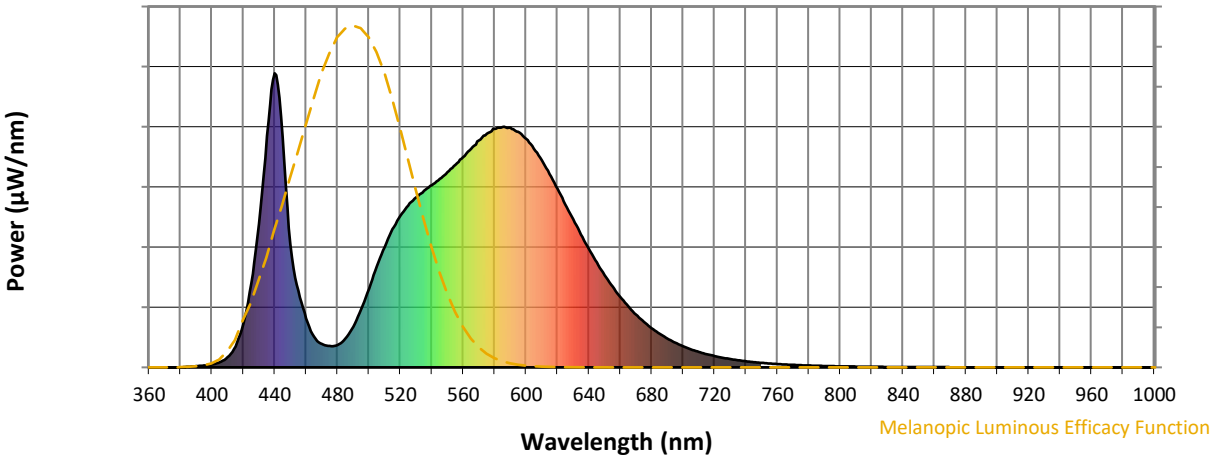


Scotopic Lumens: NR **S/P: 1.47**

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			

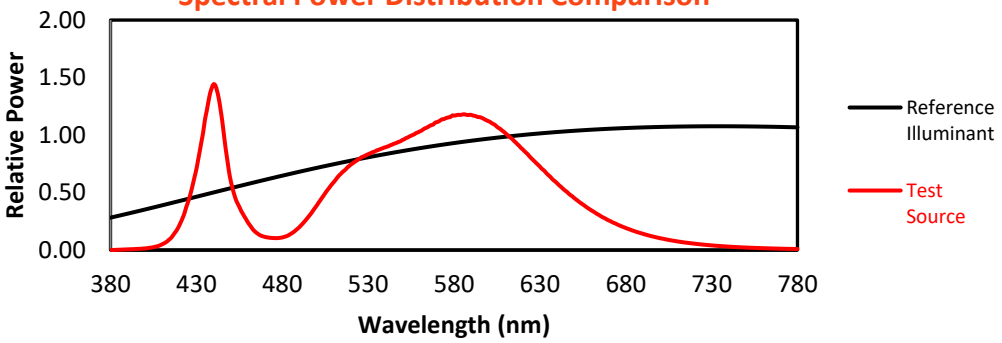
REPORT NUMBER: SP1-2407-184-1

TM-30-18

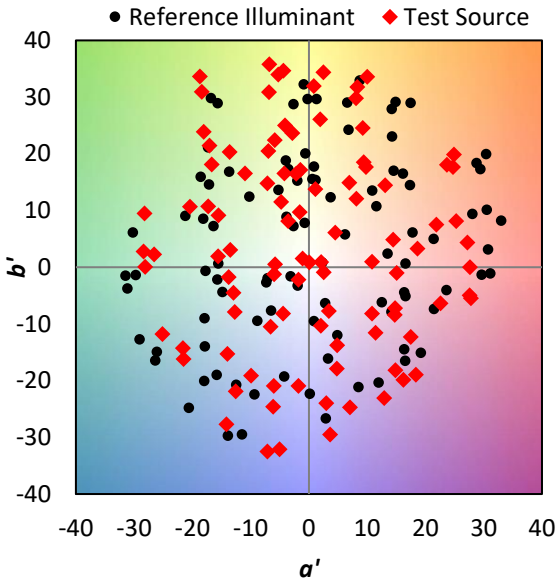
Summary

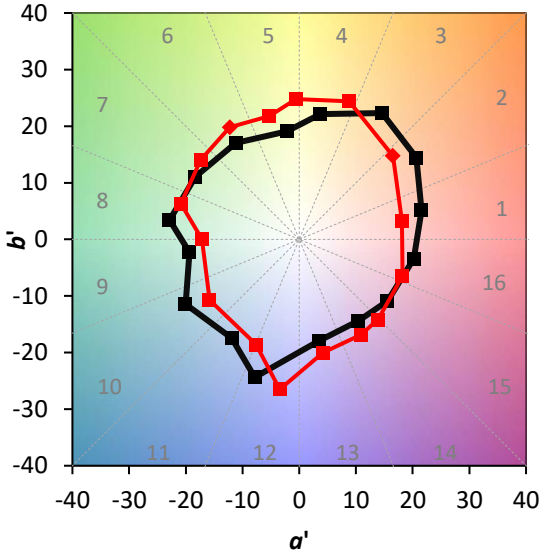
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

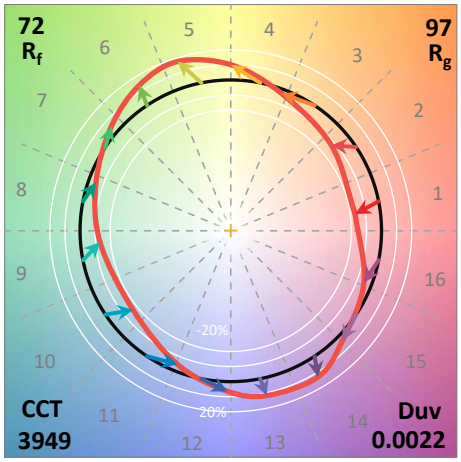
Spectral Power Distribution Comparison

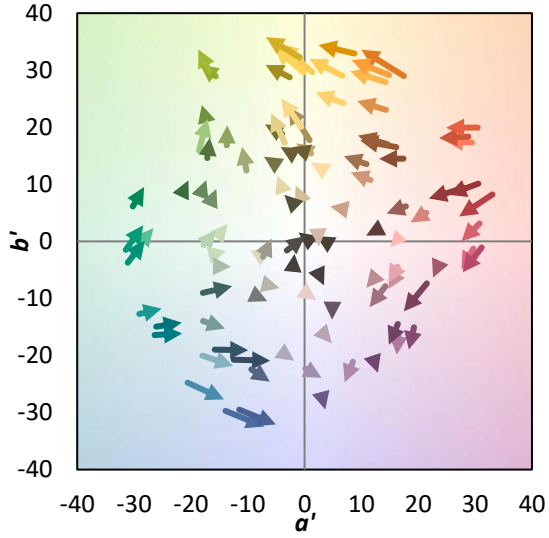


Color Vector Graphics







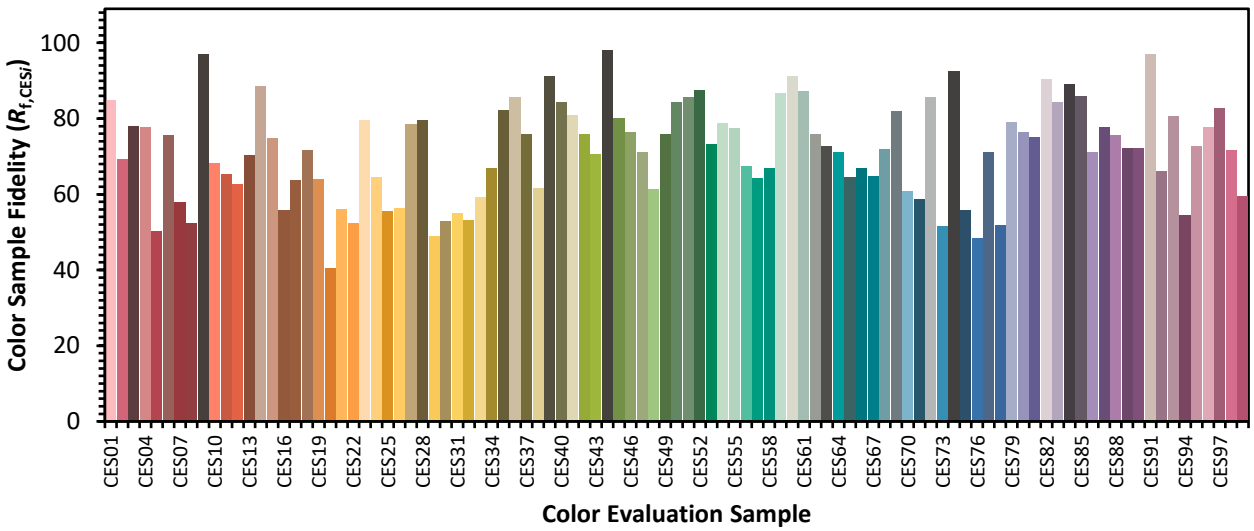


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

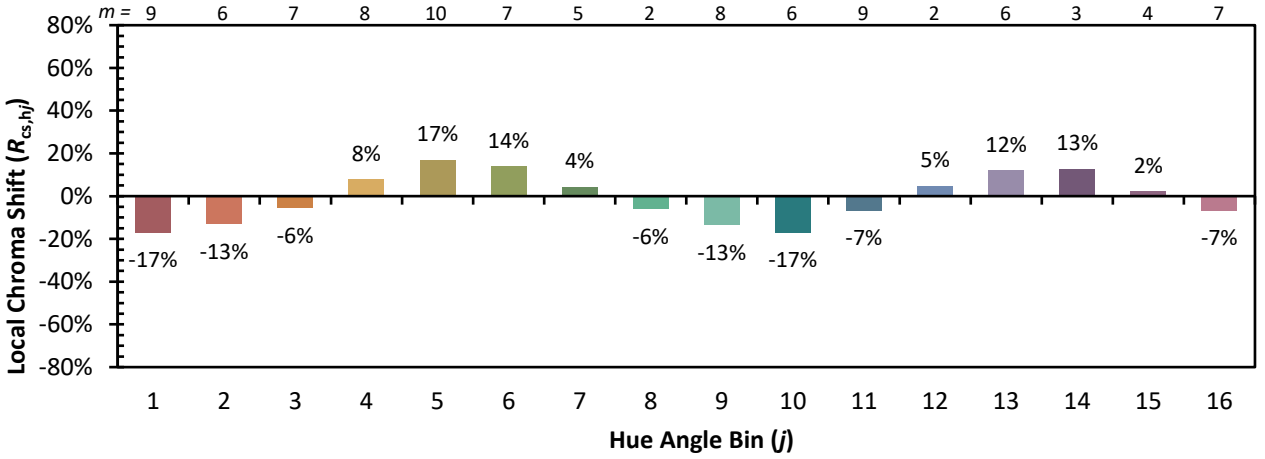
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

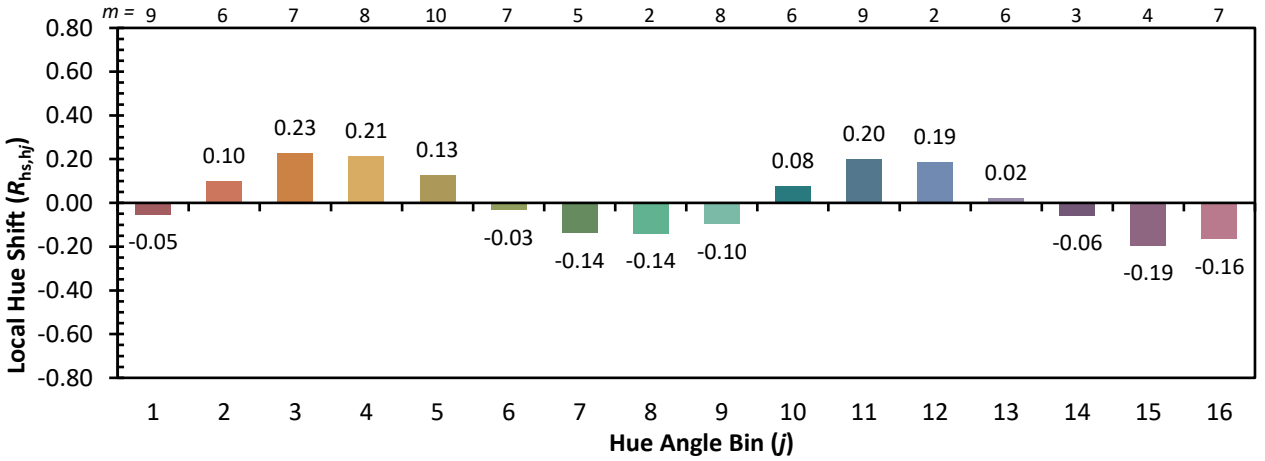


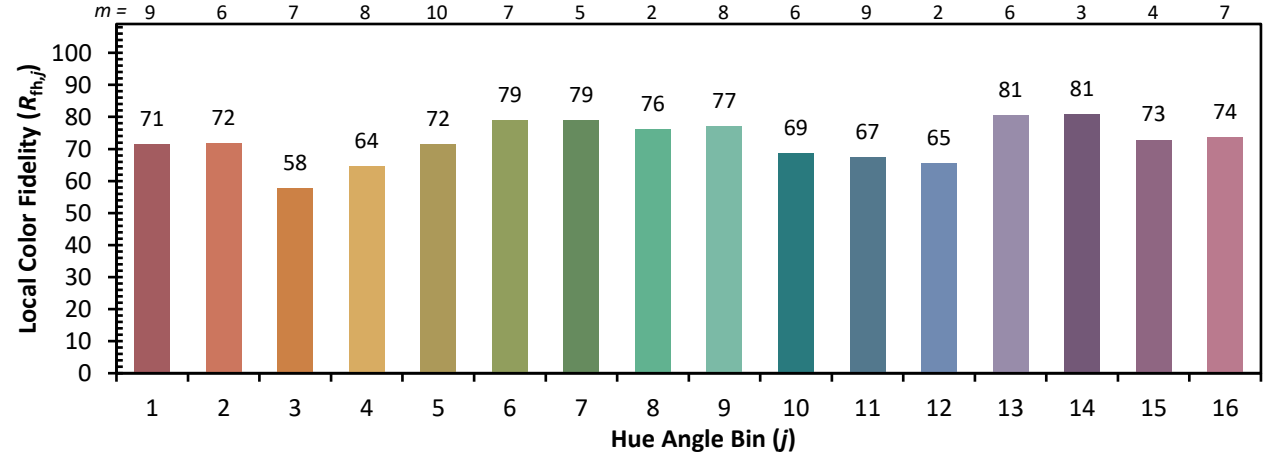
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



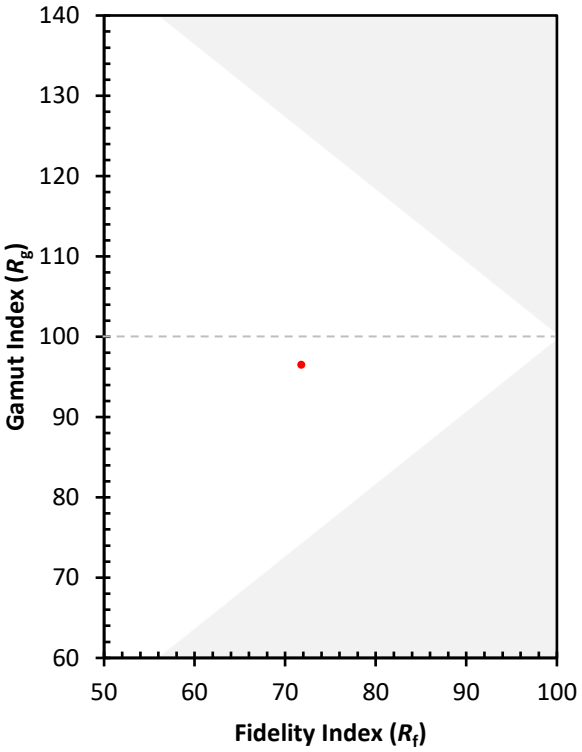


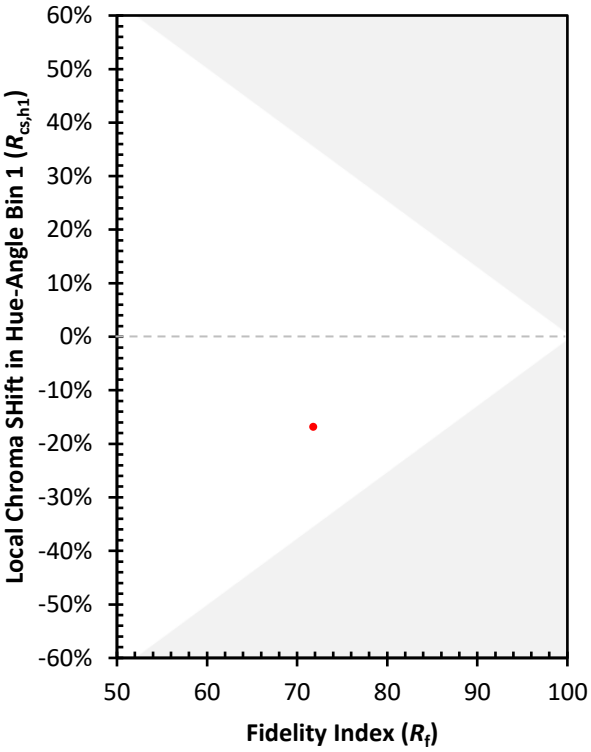


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)