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: P1365673

Luminaire Tested: **GSS-SB5C-740-U-T2R**

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:	P1365673
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-T2R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38396.1 lumens
Efficiency:	N/A
Efficacy:	152.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

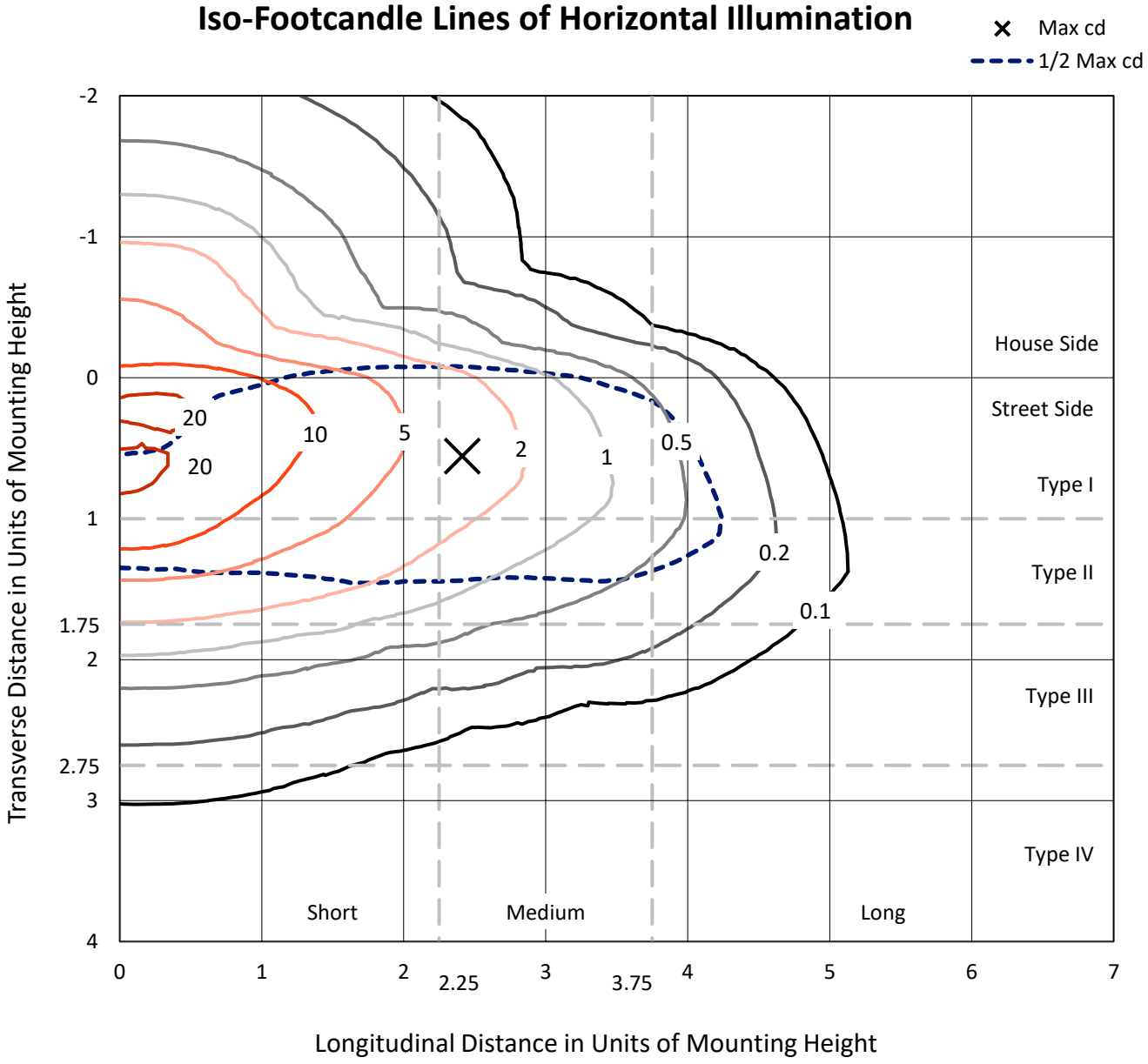
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



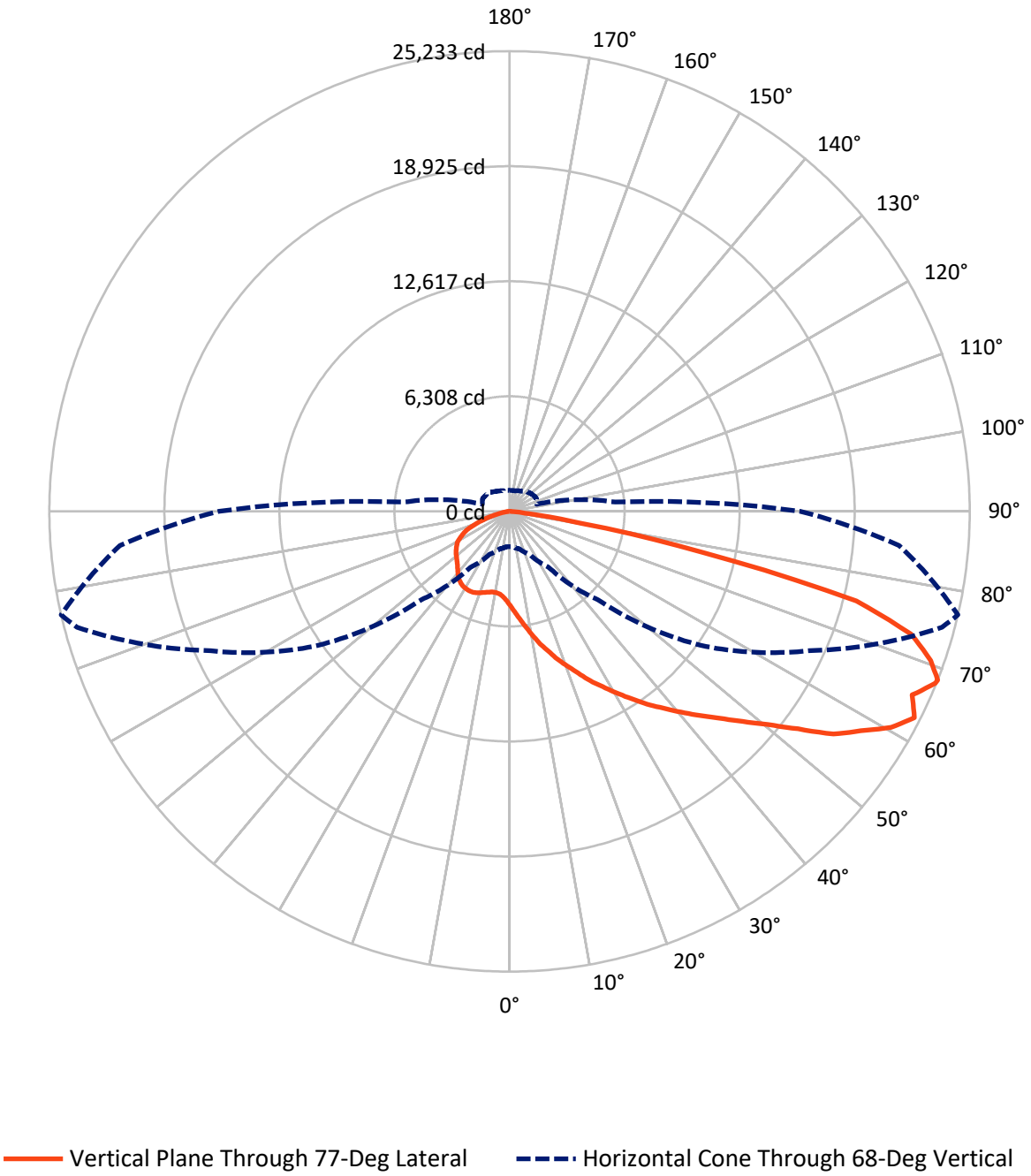
Based on 20 foot mounting height. Maximum calculated value = 22.4 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

Luminous Intensity Polar Plot



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

Scaled Data Report

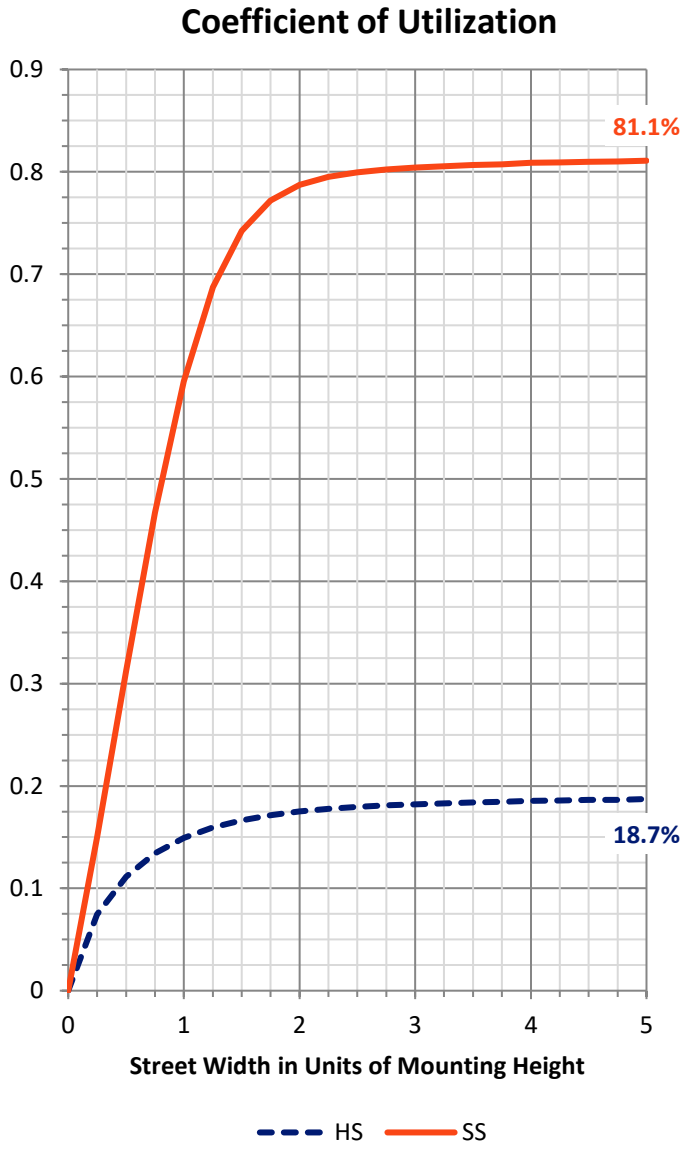
REPORT NUMBER: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7248.1	0.0	7248.1
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	31148.0	0.0	31148.0
	% Fixture	81.1	0.0	81.1
Total	Lumens	38396.1	0.0	38396.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	529.9	1.4
10°-20°	1861.1	4.8
20°-30°	3401.9	8.9
30°-40°	5512.2	14.4
40°-50°	7581.6	19.7
50°-60°	8500.8	22.1
60°-70°	7164.5	18.7
70°-80°	3550.9	9.2
80°-90°	293.3	0.8
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°	38396.1	100.0
0°-180°	38396.1	100.0



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

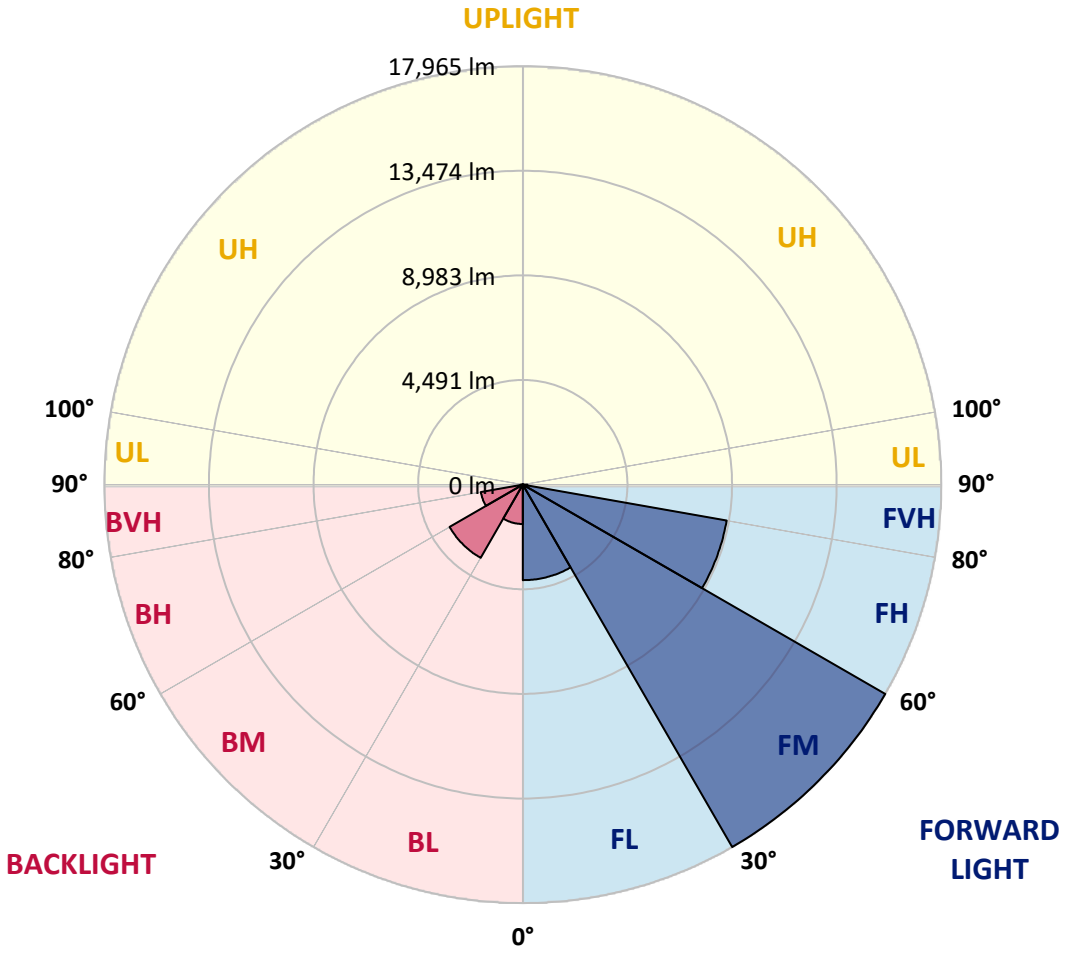
Scaled Data Report

REPORT NUMBER: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4102.9	10.7			
FM	(30°-60°)	17965.2	46.8			
FH	(60°-80°)	8887.1	23.1			G4/12000
FVH	(80°-90°)	192.8	0.5			G2/225
BL	(0°-30°)	1689.9	4.4	B3/2500		
BM	(30°-60°)	3629.4	9.5	B3/5000		
BH	(60°-80°)	1828.3	4.8	B3/2500		G3/2500
BVH	(80°-90°)	100.5	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: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	*5165.6*	5165.6
2.5°	6443.7	6408.2	6381.6	6292.8	6239.6	6097.6	5982.2	5786.9	5538.4	*5520.6*	5325.4
5°	7428.9	7384.5	7349.0	7224.8	7171.5	6923.0	6701.1	6355.0	5999.9	*5937.8*	5547.3
7.5°	8227.7	8174.5	8139.0	8023.6	7917.1	7721.8	7437.8	7020.6	6505.8	*6390.5*	5875.7
10°	8786.9	8786.9	8778.0	8707.0	8644.9	8458.5	8130.1	7641.9	7029.5	*6896.4*	6221.8
12.5°	9221.8	9195.2	9230.7	9275.0	9283.9	9177.4	8875.6	8325.4	7588.7	*7455.5*	6585.7
15°	9257.3	9266.2	9399.3	9576.8	9798.7	9834.2	9585.7	9008.8	8130.1	*7952.6*	7011.8
17.5°	9079.8	9124.2	9310.5	9603.4	10029.5	10286.9	10233.6	9718.8	8715.9	*8529.5*	7402.3
20°	9026.5	9079.8	9266.2	9630.1	10136.0	10562.0	10721.8	10349.0	9301.7	*9044.3*	7828.3
22.5°	9346.1	9363.8	9496.9	9798.7	10286.9	10775.0	11130.1	10952.5	9923.0	*9638.9*	8316.5
25°	10215.9	10198.1	10189.2	10260.2	10624.1	11050.2	11485.1	11520.6	10570.9	*10286.9*	8778.0
27.5°	11662.6	11733.6	11529.5	11138.9	11174.4	11502.8	11840.1	12026.5	11201.1	*10890.4*	9239.5
30°	13464.3	13455.5	13091.6	12461.4	11982.1	12097.5	12283.9	12505.8	11831.2	*11547.2*	9754.3
32.5°	14999.8	14964.3	14573.8	13846.0	13091.6	12843.1	12914.1	12958.4	12559.0	*12239.5*	10278.0
35°	15985.0	15993.9	15621.1	14991.0	14147.8	13739.5	13562.0	13455.5	13286.8	*12976.2*	10899.3
37.5°	16970.2	16917.0	16446.6	15701.0	14999.8	14662.6	14458.4	14005.8	13961.4	*13686.2*	11449.6
40°	17706.9	17653.7	17174.4	16322.3	15683.3	15408.1	15328.2	14644.8	14715.8	*14476.2*	12062.0
42.5°	18044.2	18053.1	17618.1	16846.0	16189.2	16056.0	16215.8	15381.5	15514.6	*15292.7*	12727.7
45°	18053.1	18008.7	17706.9	17094.5	16597.4	16490.9	16925.8	16215.8	16384.4	*16180.3*	13499.9
47.5°	17564.9	17564.9	17440.6	17076.7	16810.5	16819.3	17520.5	17059.0	17360.8	*17209.9*	14396.3
50°	16499.8	16588.6	16641.8	16712.8	16704.0	17050.1	17999.8	17937.7	18408.1	*18363.7*	15399.2
52.5°	13251.3	13624.1	14964.3	15825.3	16375.6	17023.5	18523.5	18843.0	19730.6	*19810.4*	16846.0
55°	10570.9	10659.6	11786.9	14005.8	15638.9	16801.6	18709.9	19863.7	21425.8	*21550.1*	18168.4
57.5°	8582.7	8795.8	9479.2	11600.5	14032.4	16304.6	18834.1	20414.0	22499.8	*22703.9*	19260.1
60°	6346.1	6470.3	7127.1	8884.5	11751.3	15141.8	18905.1	20919.9	23751.2	*24044.1*	20680.2
62.5°	4668.6	4677.5	5094.6	6204.1	9275.0	13233.6	18354.8	21328.2	24576.7	*24913.9*	21132.9
65°	3017.7	3053.2	3470.4	4428.9	6266.2	10846.0	17085.6	19730.6	23769.0	*24266.0*	20857.8
67.5°	2032.5	2094.7	2343.2	2822.5	4198.2	7739.6	13331.2	18266.1	24514.5	*25171.3*	21523.4
68°	*1934.9*	*1943.8*	*2139.0*	*2600.6*	*3736.6*	*6852.0*	*12816.4*	*18079.7*	*24550.0*	*25233.4*	*21443.5*
70°	1535.5	1553.2	1677.5	1926.0	2538.4	4198.2	10349.0	16517.6	23893.2	*24496.8*	20280.8
72.5°	1171.6	1198.2	1278.1	1375.7	1650.9	2573.9	6053.2	13455.5	22162.5	*23023.4*	18363.7
75°	994.1	1002.9	1065.1	1100.6	1082.8	1562.1	3399.4	10526.5	18851.9	*19641.8*	15079.7
77.5°	781.1	807.7	896.4	914.2	825.4	1082.8	1784.0	6008.8	11067.9	*10810.5*	7260.3
80°	559.2	576.9	647.9	612.4	647.9	745.6	843.2	2156.8	4606.5	*4020.7*	1704.1
82.5°	195.3	221.9	443.8	426.0	426.0	337.3	381.7	940.8	1198.2	*1047.3*	426.0
85°	35.5	44.4	124.3	177.5	159.8	124.3	159.8	292.9	239.6	*204.1*	124.3
87.5°	8.9	8.9	17.8	17.8	17.8	26.6	44.4	62.1	71.0	*71.0*	71.0
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

Scaled Data Report

REPORT NUMBER: P1365673
CATALOG NUMBER: GSS-SB5C-740-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6	5165.6
2.5°	5218.9	5085.7	4828.3	4597.6	4411.2	4233.7	4091.7	3994.0	3923.0	3887.5	3887.5
5°	5334.3	5050.2	4579.8	4162.7	3843.2	3630.1	3497.0	3417.1	3408.2	3399.4	3399.4
7.5°	5511.8	5112.4	4411.2	3887.5	3612.4	3497.0	3461.5	3452.6	3452.6	3470.4	3470.4
10°	5751.4	5218.9	4340.2	3789.9	3639.0	3603.5	3585.8	3612.4	3621.3	3630.1	3639.0
12.5°	6035.4	5352.0	4304.7	3834.3	3745.5	3727.8	3736.6	3727.8	3754.4	3772.1	3763.3
15°	6310.6	5520.6	4340.2	3923.0	3852.0	3843.2	3816.5	3834.3	3825.4	3816.5	3816.5
17.5°	6621.2	5715.9	4375.7	3994.0	3923.0	3887.5	3852.0	3834.3	3798.8	3789.9	3781.0
20°	6958.5	5911.2	4437.8	4056.2	3940.8	3860.9	3798.8	3727.8	3674.5	3647.9	3647.9
22.5°	7304.7	6115.3	4491.1	4065.0	3905.3	3763.3	3656.8	3568.0	3488.1	3434.9	3408.2
25°	7659.7	6319.5	4508.8	4029.5	3798.8	3630.1	3488.1	3381.6	3275.1	3221.9	3204.1
27.5°	8023.6	6497.0	4482.2	3940.8	3656.8	3470.4	3310.6	3195.2	3106.5	3044.3	3044.3
30°	8378.6	6665.6	4411.2	3816.5	3505.9	3319.5	3159.7	3053.2	2973.3	2920.1	2911.2
32.5°	8786.9	6834.2	4322.4	3656.8	3355.0	3186.4	3026.6	2929.0	2858.0	2831.3	2840.2
35°	9195.2	6985.1	4180.4	3505.9	3195.2	3053.2	2902.3	2822.5	2795.8	2778.1	2769.2
37.5°	9594.6	7091.6	3994.0	3319.5	3062.1	2893.5	2822.5	2742.6	2671.6	2582.8	2573.9
40°	10002.8	7180.4	3754.4	3133.1	2911.2	2778.1	2742.6	2636.1	2467.4	2316.5	2316.5
42.5°	10473.3	7269.2	3497.0	2955.6	2724.8	2662.7	2653.8	2485.2	2236.7	2130.2	2121.3
45°	11032.4	7331.3	3266.2	2787.0	2529.6	2502.9	2573.9	2352.0	2147.9	2059.1	2068.0
47.5°	11680.3	7473.3	3062.1	2600.6	2343.2	2387.5	2396.4	2227.8	2068.0	1961.5	1961.5
50°	12514.7	7721.8	2849.1	2360.9	2210.0	2307.7	2227.8	2103.5	1934.9	1872.8	1863.9
52.5°	13624.1	7925.9	2671.6	2165.7	2121.3	2218.9	2112.4	1979.3	1837.3	1748.5	1739.6
55°	14467.3	7934.8	2502.9	2014.8	2059.1	2041.4	1997.0	1855.0	1748.5	1642.0	1642.0
57.5°	15372.6	7881.6	2352.0	1926.0	1997.0	1917.1	1881.6	1730.8	1624.2	1544.4	1526.6
60°	16348.9	7783.9	2192.3	1863.9	1943.8	1828.4	1748.5	1624.2	1535.5	1473.4	1473.4
62.5°	16517.6	7313.5	1997.0	1846.1	1881.6	1739.6	1615.4	1517.7	1429.0	1393.5	1393.5
65°	16206.9	6816.5	1775.1	1757.4	1784.0	1633.1	1491.1	1402.4	1331.3	1295.8	1287.0
67.5°	16215.8	6008.8	1597.6	1650.9	1606.5	1508.9	1366.8	1287.0	1198.2	1171.6	1171.6
68°	*15931.8*	*5813.5*	*1535.5*	*1633.1*	*1571.0*	*1473.4*	*1331.3*	*1242.6*	*1162.7*	*1153.8*	*1153.8*
70°	14600.4	4713.0	1313.6	1508.9	1464.5	1349.1	1171.6	1127.2	1074.0	1065.1	1074.0
72.5°	12754.3	3479.3	1056.2	1269.2	1304.7	1047.3	1029.6	1011.8	949.7	949.7	940.8
75°	9976.2	2538.4	798.8	1002.9	967.4	958.6	878.7	869.8	816.6	807.7	789.9
77.5°	4526.6	1295.8	541.4	665.7	772.2	852.1	736.7	710.1	674.5	674.5	665.7
80°	1269.2	665.7	363.9	381.7	470.4	692.3	576.9	523.7	550.3	532.5	461.5
82.5°	390.5	275.1	221.9	239.6	221.9	399.4	426.0	328.4	292.9	310.6	328.4
85°	133.1	124.3	106.5	115.4	97.6	159.8	186.4	124.3	133.1	133.1	115.4
87.5°	71.0	71.0	53.3	44.4	35.5	26.6	17.8	17.8	8.9	8.9	8.9
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

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

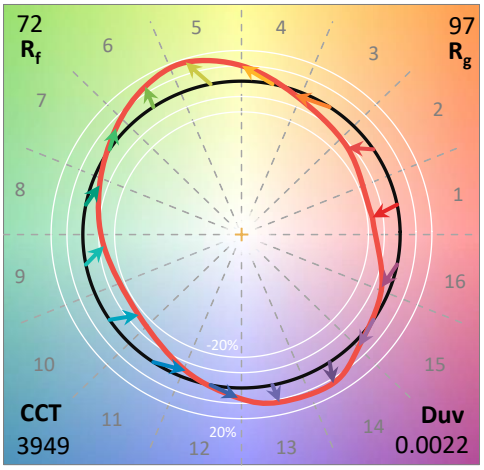
Test Information

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

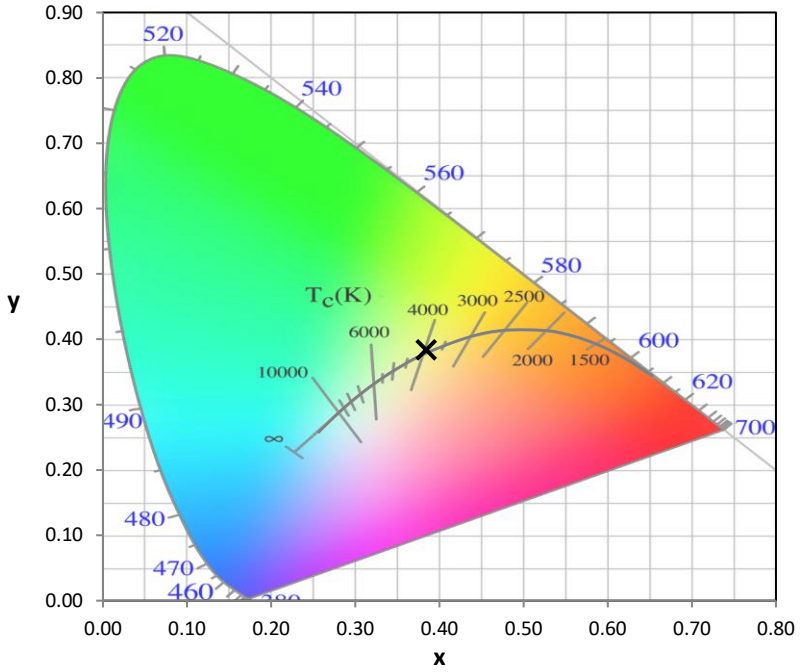
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

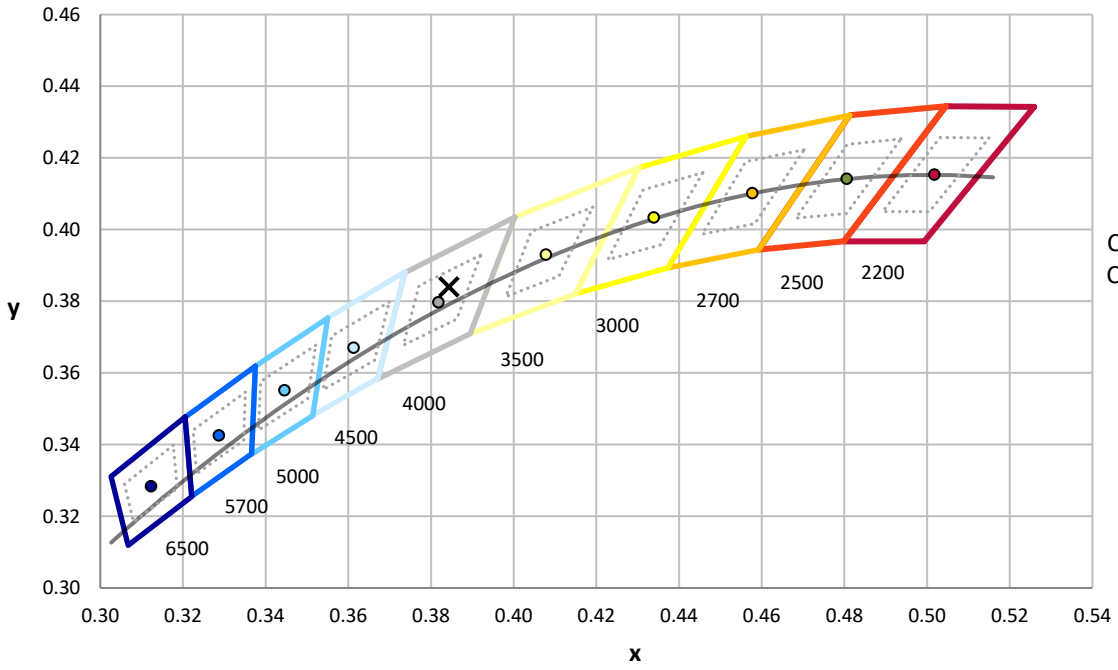
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

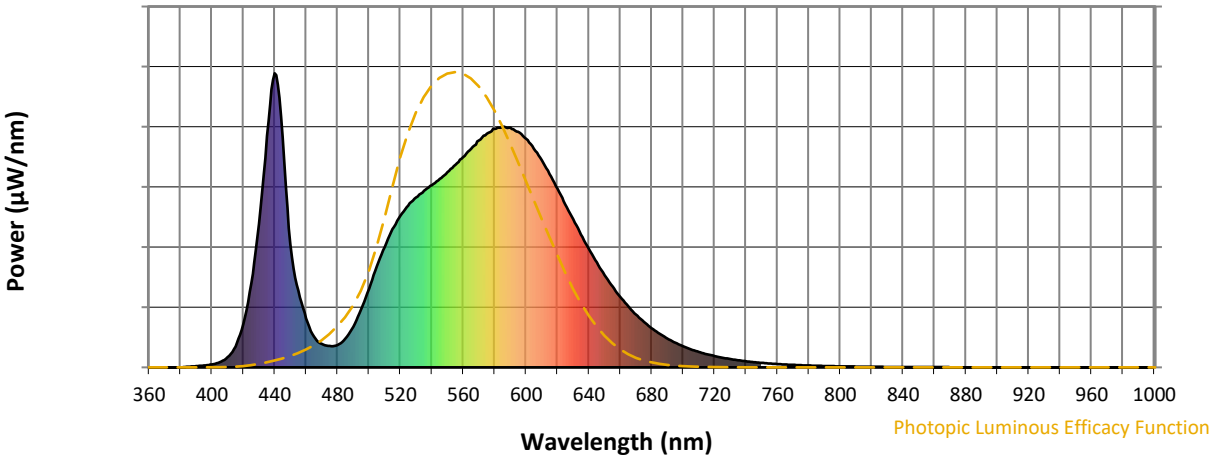


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

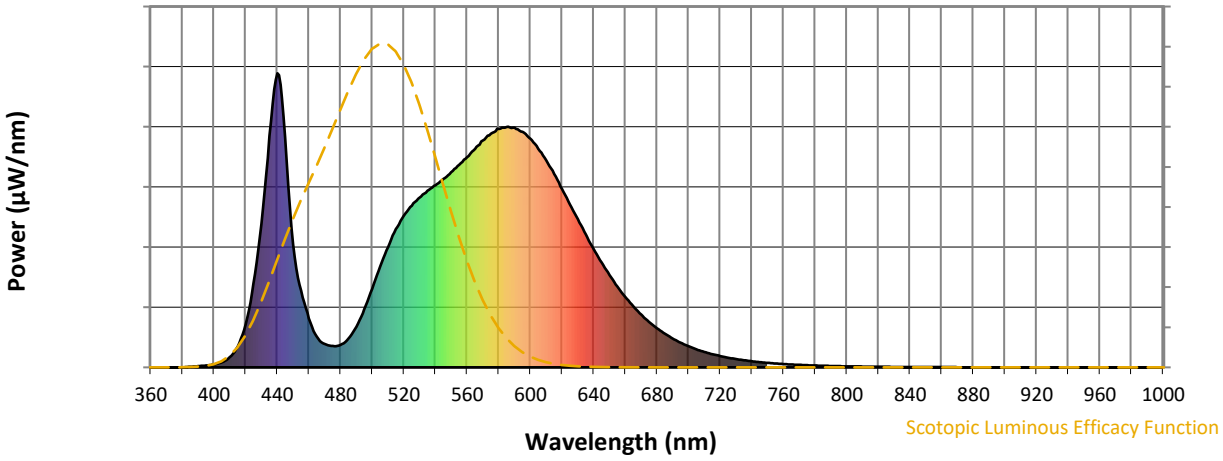


Photopic Lumens: NR

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

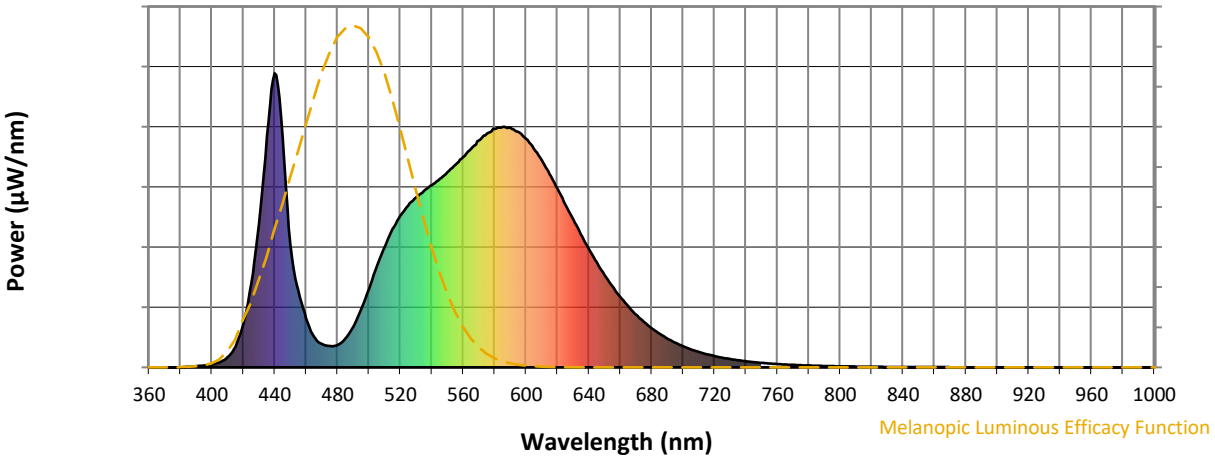


Scotopic Lumens: NR **S/P: 1.47**

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			

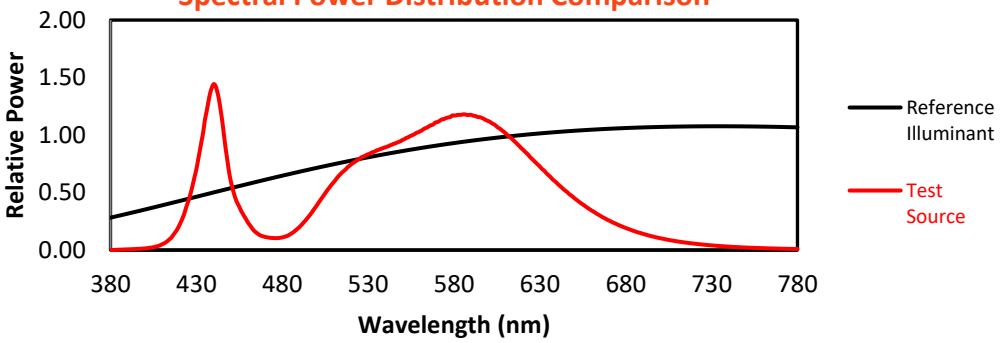
REPORT NUMBER: SP1-2407-184-1

TM-30-18

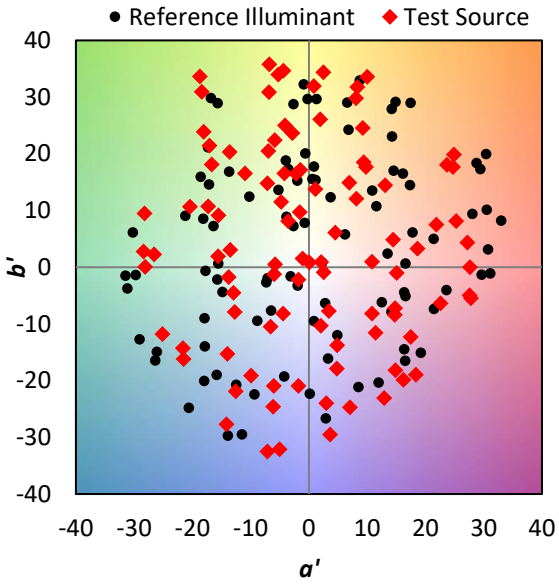
Summary

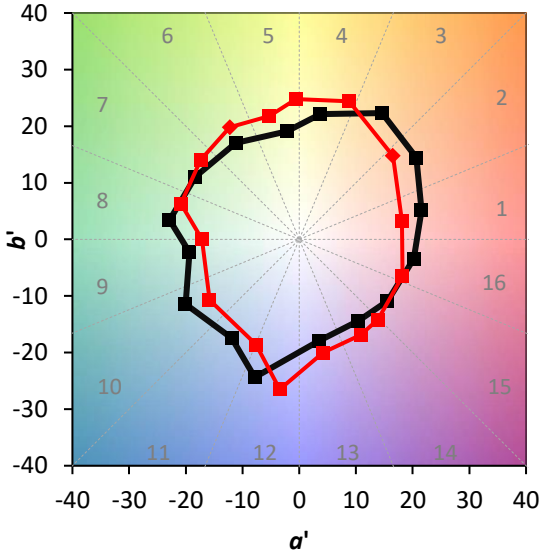
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

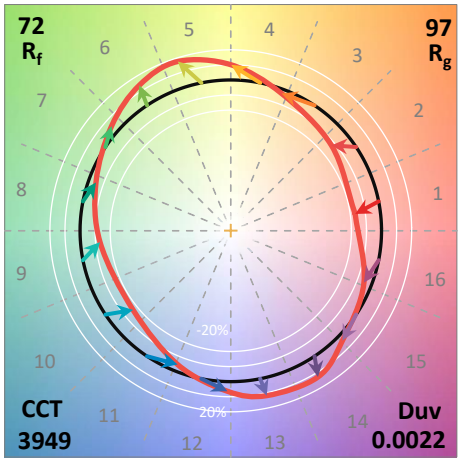
Spectral Power Distribution Comparison

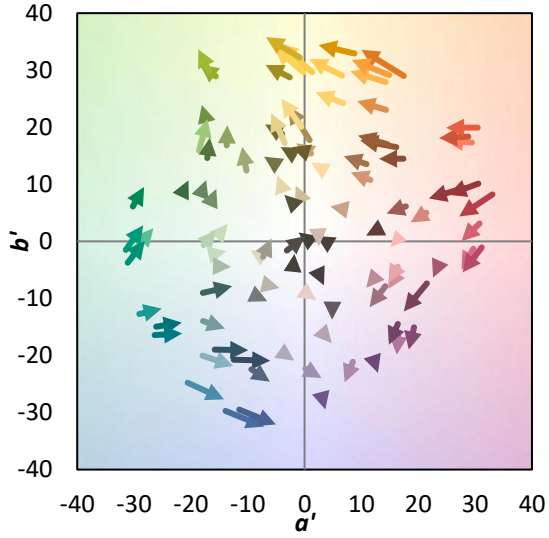


Color Vector Graphics







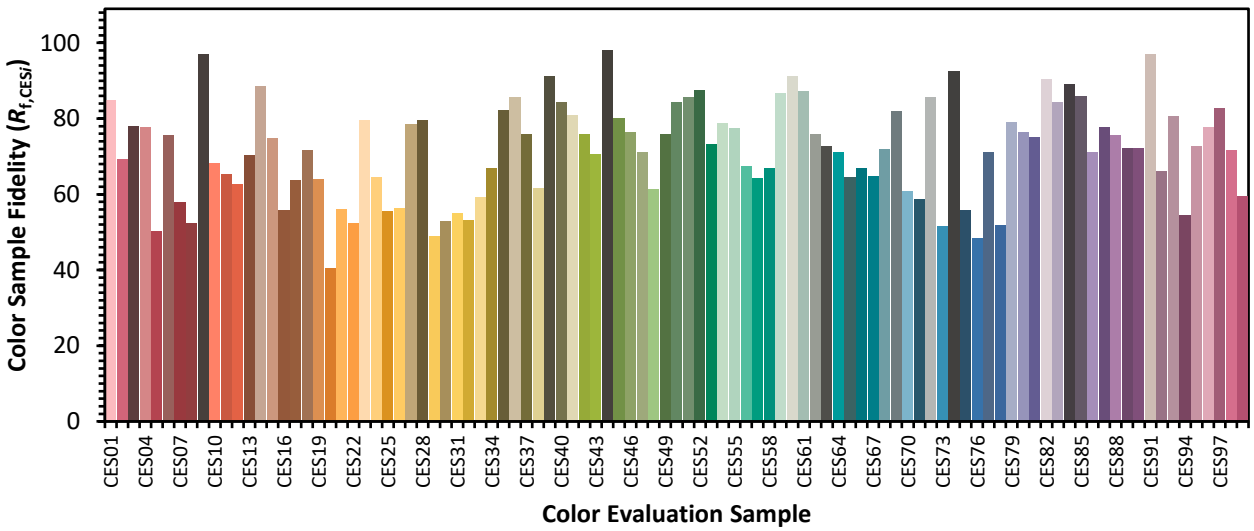


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

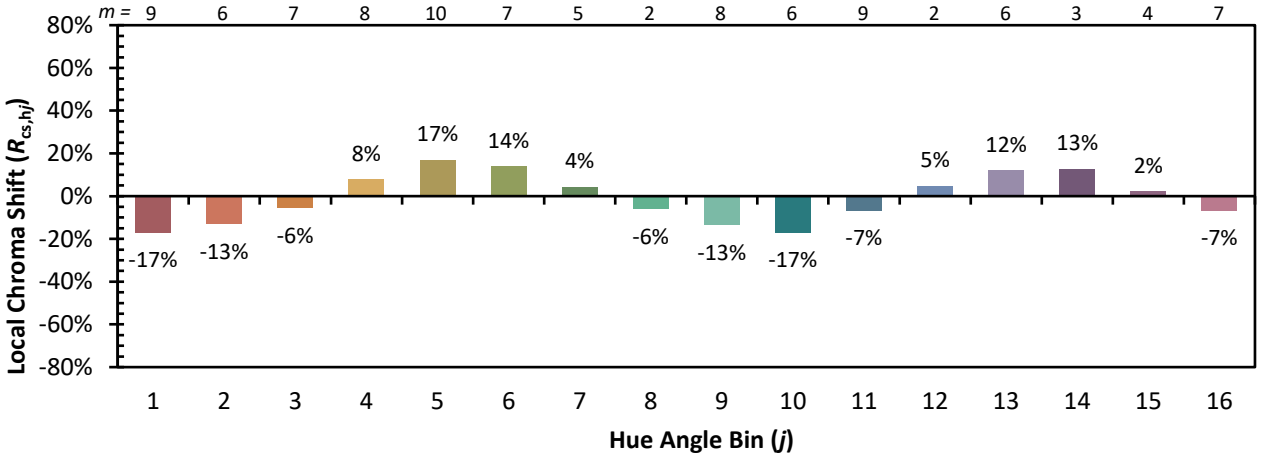
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

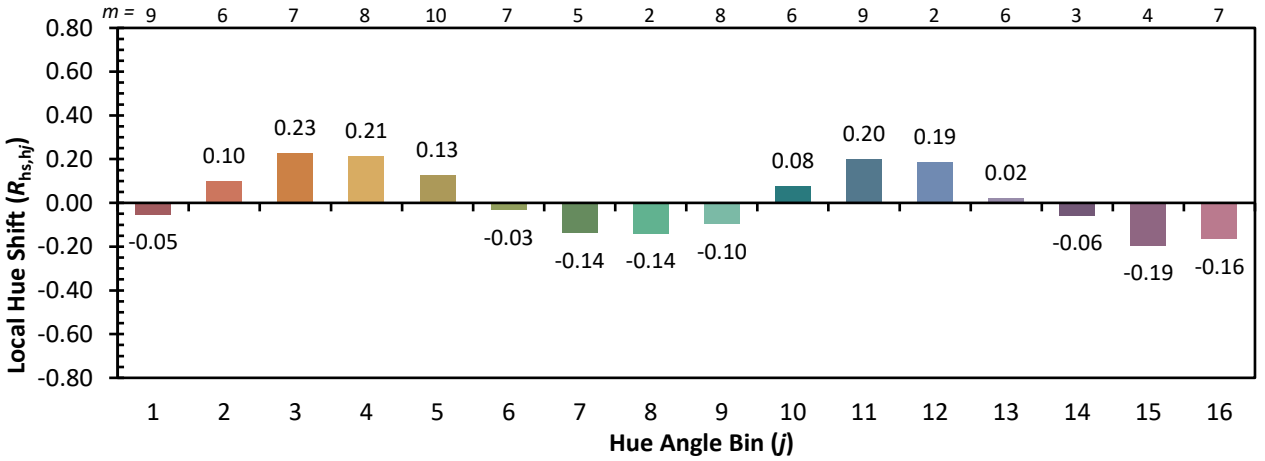


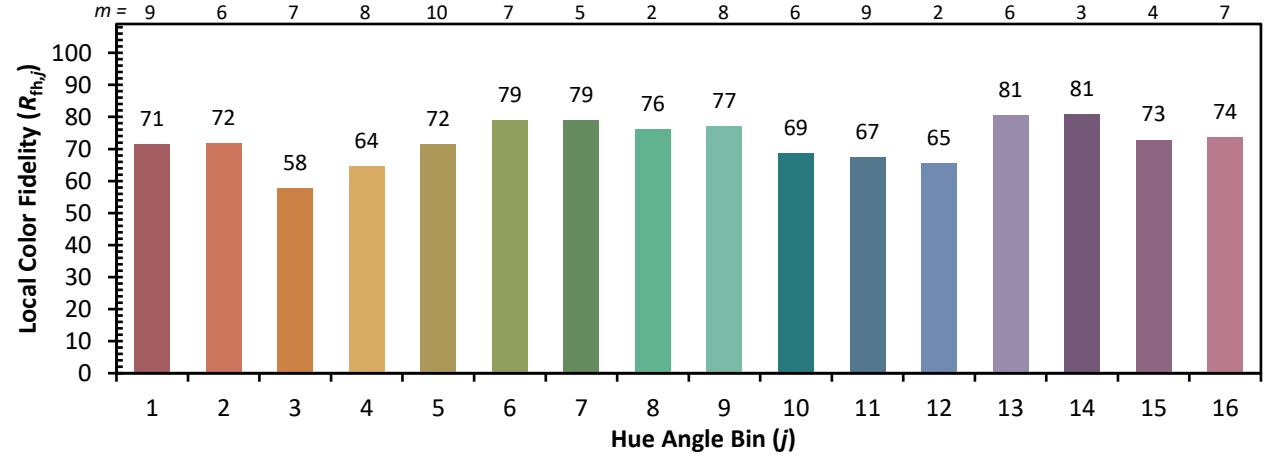
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



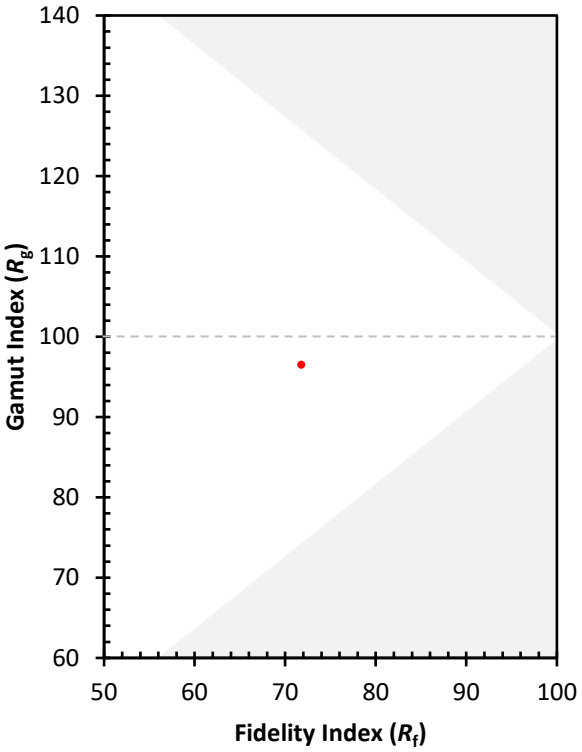


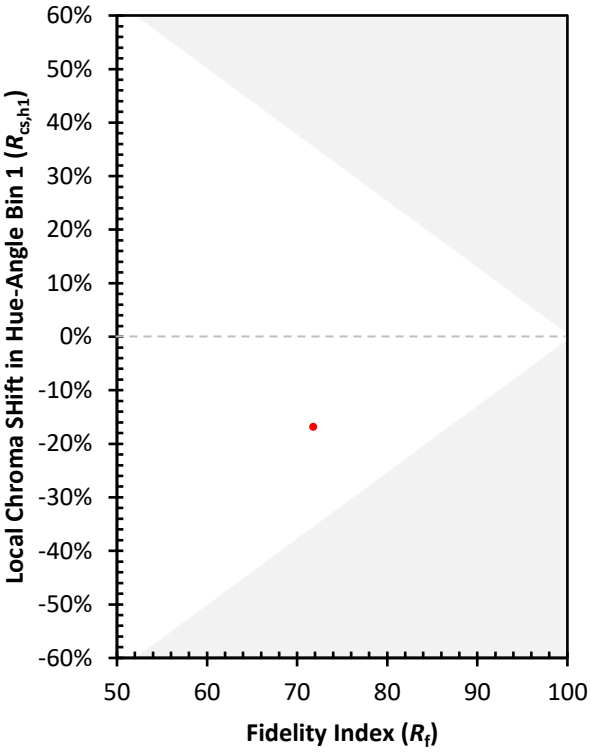


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)