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: P1358377

Luminaire Tested: **GSS-SB5C-740-U-SL4**

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:	P1358377
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-740-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	36668.3 lumens
Efficiency:	N/A
Efficacy:	145.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

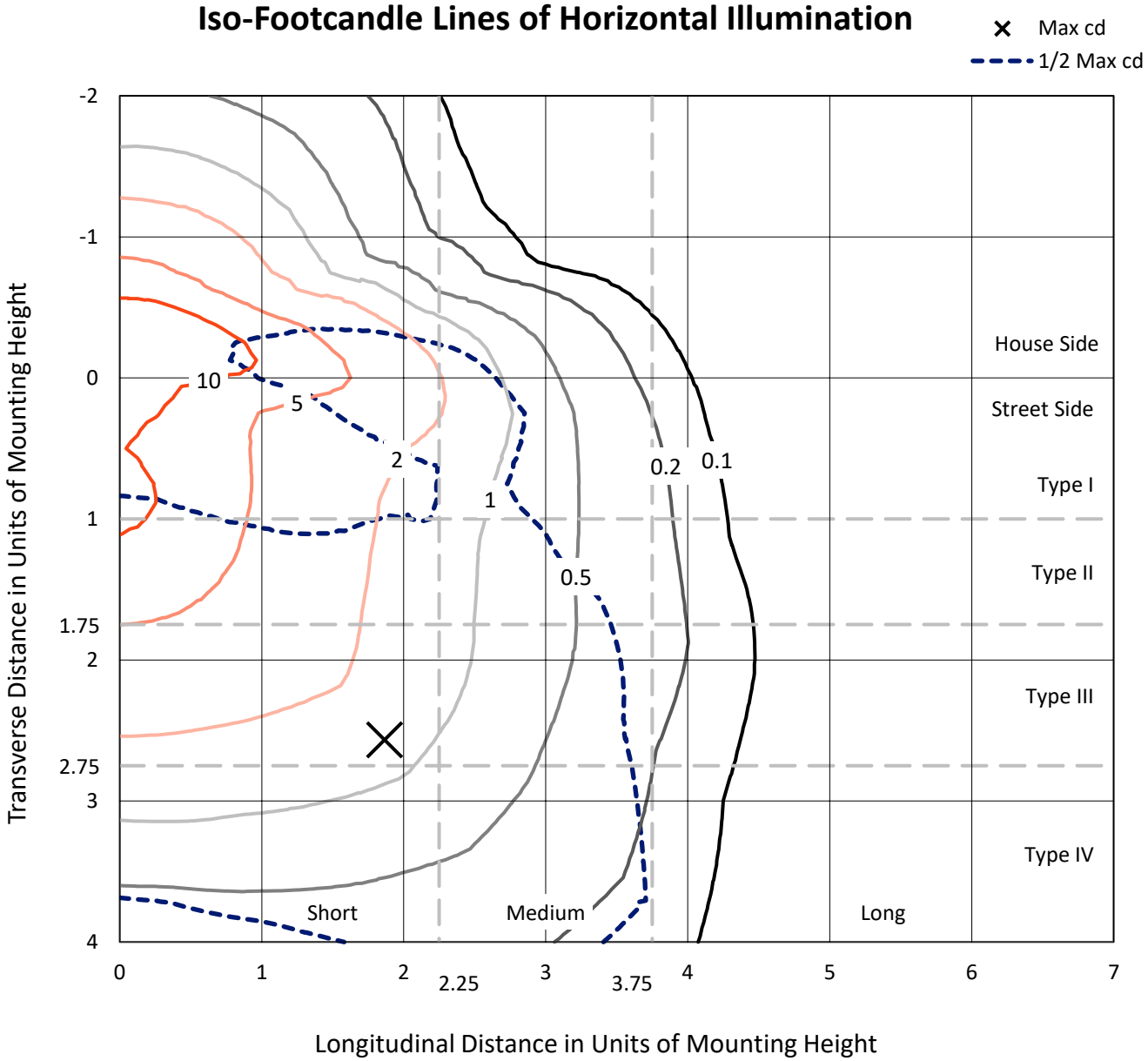
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



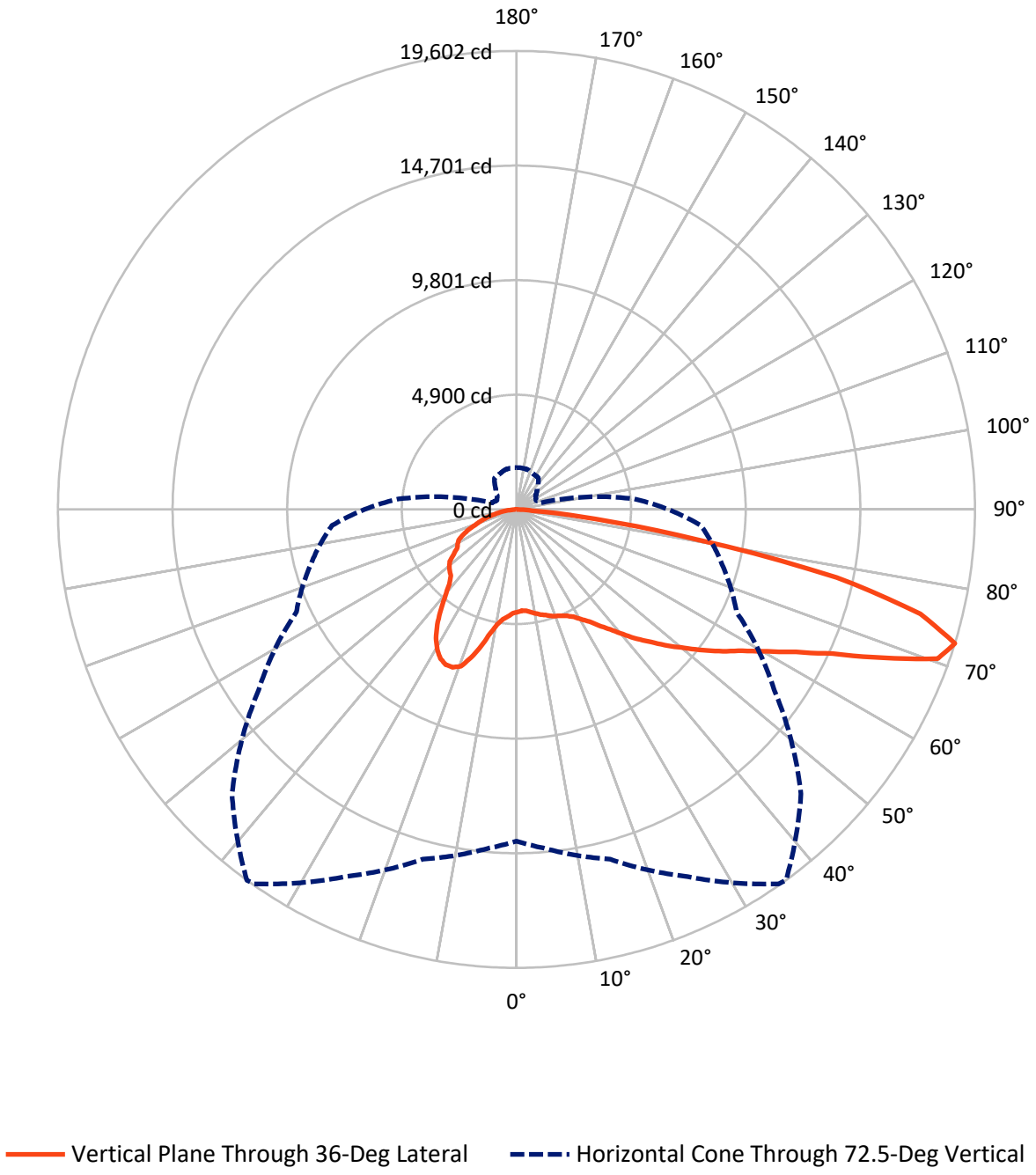
Based on 20 foot mounting height. Maximum calculated value = 14.7 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

Luminous Intensity Polar Plot



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

Scaled Data Report

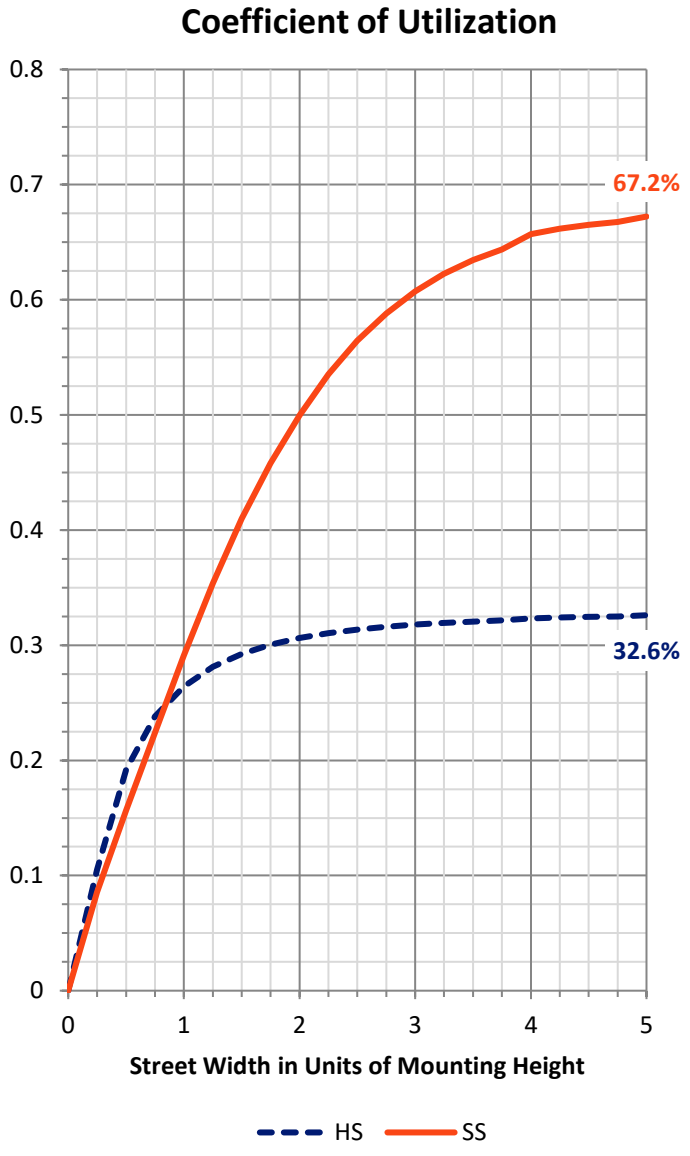
REPORT NUMBER: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12067.2	0.0	12067.2
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	24601.1	0.0	24601.1
	% Fixture	67.1	0.0	67.1
Total	Lumens	36668.3	0.0	36668.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	434.7	1.2
10°-20°	1498.6	4.1
20°-30°	2845.5	7.8
30°-40°	4154.8	11.3
40°-50°	5526.2	15.1
50°-60°	7085.4	19.3
60°-70°	8334.6	22.7
70°-80°	6243.4	17.0
80°-90°	545.1	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°	36668.3	100.0
0°-180°	36668.3	100.0



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

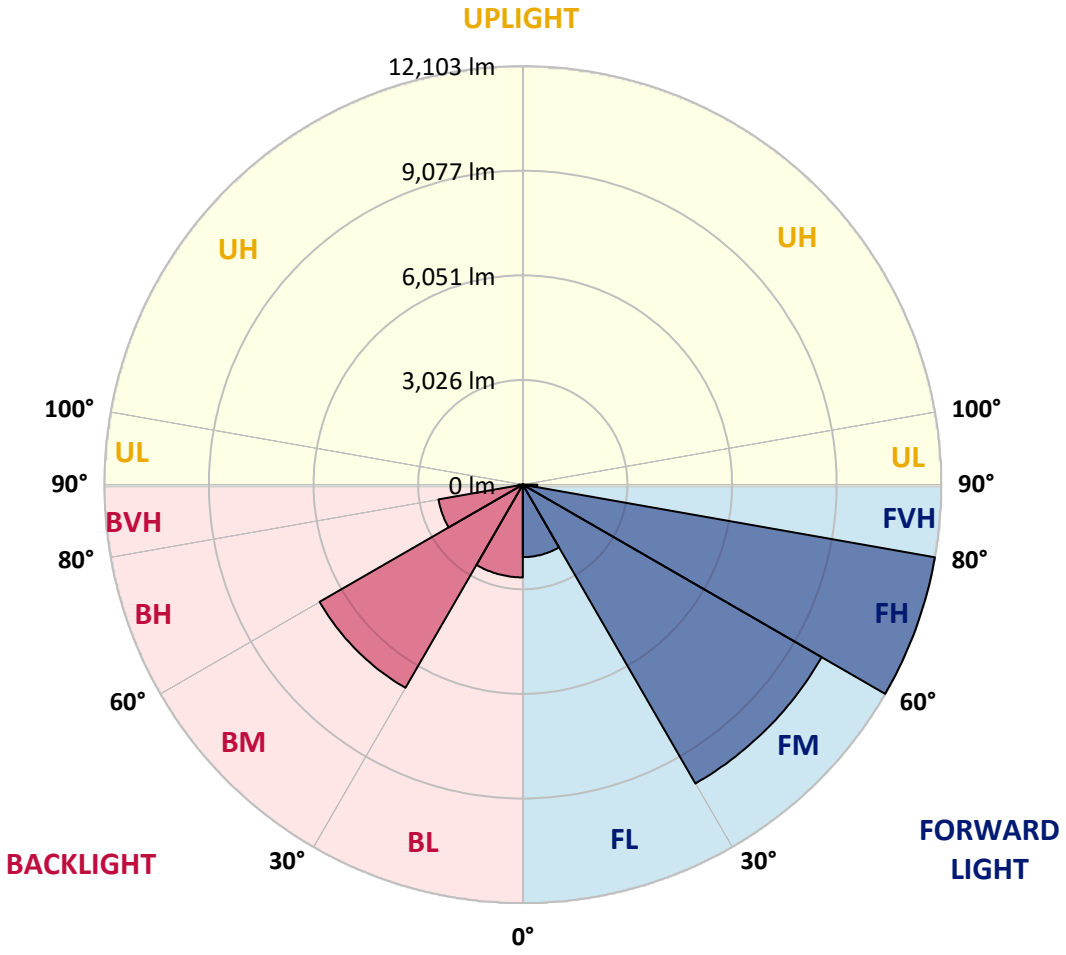
Scaled Data Report

REPORT NUMBER: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2096.3	5.7			
FM	(30°-60°)	9982.4	27.2			
FH	(60°-80°)	12102.6	33.0			G5
FVH	(80°-90°)	419.8	1.1			G3/500
BL	(0°-30°)	2682.5	7.3	B4/5000		
BM	(30°-60°)	6784.1	18.5	B4/8500		
BH	(60°-80°)	2475.4	6.8	B3/2500		G3/2500
BVH	(80°-90°)	125.2	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0
2.5°	4357.8	4332.8	4349.5	4332.8	4332.8	4332.8	4349.5	4349.5	4374.4	4374.4	4374.4
5°	4391.0	4382.7	4391.0	4382.7	4357.8	4357.8	4374.4	4357.8	4399.3	4382.7	4407.7
7.5°	4482.5	4465.9	4465.9	4440.9	4449.2	4432.6	4449.2	4424.3	4449.2	4432.6	4432.6
10°	4590.6	4565.7	4574.0	4540.7	4515.8	4524.1	4540.7	4515.8	4524.1	4532.4	4532.4
12.5°	4682.1	4665.5	4665.5	4598.9	4615.6	4615.6	4632.2	4607.3	4623.9	4615.6	4648.8
15°	4798.5	4773.6	4757.0	4707.1	4698.7	4690.4	4715.4	4690.4	4732.0	4723.7	4765.3
17.5°	4906.6	4881.7	4865.1	4781.9	4765.3	4790.2	4798.5	4781.9	4823.5	4840.1	4923.3
20°	5006.4	5014.8	4956.5	4856.7	4856.7	4865.1	4865.1	4865.1	4931.6	4956.5	5048.0
22.5°	5181.1	5164.5	5106.2	4989.8	4939.9	4939.9	5014.8	4964.9	5006.4	5064.7	5222.7
25°	5405.6	5372.4	5272.6	5122.9	5039.7	5048.0	5073.0	5039.7	5089.6	5156.1	5397.3
27.5°	5804.8	5763.2	5588.6	5289.2	5189.4	5197.7	5206.0	5114.6	5106.2	5214.4	5547.0
30°	6387.0	6337.1	6070.9	5696.7	5430.6	5447.2	5355.7	5189.4	5131.2	5247.6	5721.6
32.5°	7019.0	6952.5	6686.3	6154.1	5796.5	5713.3	5538.7	5247.6	5156.1	5280.9	5879.7
35°	7775.8	7717.6	7393.2	6644.8	6154.1	6104.2	5754.9	5372.4	5222.7	5305.8	6029.4
37.5°	8848.6	8698.9	8308.0	7276.8	6586.5	6511.7	6037.7	5547.0	5231.0	5289.2	6237.3
40°	9771.7	9622.0	9197.9	8075.2	7135.4	7019.0	6453.5	5754.9	5314.1	5322.5	6503.4
42.5°	10736.4	10595.0	10137.6	8748.8	7626.1	7567.9	6819.4	6004.4	5422.3	5413.9	6802.8
45°	11751.0	11759.3	11052.4	9555.5	8208.2	8091.8	7268.5	6337.1	5621.9	5522.1	7293.4
47.5°	13181.4	13023.4	12158.5	10328.9	8856.9	8707.2	7742.5	6686.3	5921.2	5771.5	7842.3
50°	14337.4	14221.0	13173.1	11218.8	9464.0	9306.0	8299.7	7068.9	6187.4	6120.8	8574.2
52.5°	15302.1	15102.5	14137.8	12058.7	10145.9	10004.6	8757.1	7443.1	6561.6	6528.3	9430.7
55°	15834.3	15626.4	14803.1	12840.4	10919.4	10703.1	9272.7	7892.2	7010.7	7027.3	10387.1
57.5°	16250.1	16033.9	15227.2	13430.9	11684.5	11393.4	9838.2	8382.9	7542.9	7700.9	11692.8
60°	16399.8	16183.6	15584.8	14212.6	12507.8	12324.8	10478.6	8990.0	8158.3	8491.0	12965.2
62.5°	16616.1	16666.0	16241.8	15169.0	13580.6	13422.6	11301.9	9738.4	8915.1	9181.2	13414.3
65°	16790.7	16765.8	16815.7	16491.3	15077.5	14853.0	12524.4	10711.5	9422.4	9414.1	13189.7
67.5°	16383.2	16408.2	16674.3	17472.6	17156.6	16940.4	14104.5	11609.6	9663.6	9854.9	12474.5
70°	16075.5	16150.3	16508.0	17505.9	19086.0	19111.0	16308.4	12374.7	10353.9	9854.9	10478.6
72.5°	14179.4	14561.9	15485.0	17323.0	19543.4	19601.6	17198.2	13447.5	10378.8	9106.4	7917.2
75°	9389.2	9688.5	12150.2	15543.3	17921.7	17830.3	15925.8	12931.9	9713.5	7426.5	5039.7
77.5°	2769.3	3334.9	5688.4	9638.6	13414.3	13996.4	13065.0	8848.6	7202.0	3484.6	1796.3
80°	790.1	881.5	1588.4	3384.8	7243.5	7867.3	8116.8	4233.0	2137.3	923.1	598.8
82.5°	382.6	399.2	573.8	948.1	3102.0	3393.1	2844.2	1280.7	573.8	332.7	232.9
85°	66.5	83.2	141.4	282.8	557.2	673.6	632.0	257.8	174.6	149.7	108.1
87.5°	16.6	16.6	24.9	24.9	33.3	33.3	33.3	41.6	41.6	41.6	41.6
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: P1358377
CATALOG NUMBER: GSS-SB5C-740-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0	4391.0
2.5°	4416.0	4416.0	4449.2	4465.9	4465.9	4440.9	4440.9	4515.8	4482.5	4499.1	4490.8
5°	4424.3	4457.6	4457.6	4507.5	4532.4	4574.0	4590.6	4623.9	4657.2	4657.2	4648.8
7.5°	4474.2	4499.1	4540.7	4574.0	4640.5	4707.1	4732.0	4831.8	4848.4	4890.0	4873.4
10°	4549.0	4590.6	4657.2	4748.6	4831.8	4939.9	4989.8	5097.9	5156.1	5222.7	5181.1
12.5°	4665.5	4715.4	4823.5	4948.2	5131.2	5297.5	5430.6	5538.7	5621.9	5696.7	5671.7
15°	4790.2	4890.0	5031.4	5255.9	5580.3	5879.7	6054.3	6237.3	6278.8	6345.4	6337.1
17.5°	5006.4	5073.0	5355.7	5804.8	6228.9	6486.8	6636.4	6727.9	6703.0	6727.9	6711.3
20°	5181.1	5347.4	5854.7	6511.7	6927.5	7093.8	7110.5	7027.3	6852.7	6819.4	6752.9
22.5°	5438.9	5688.4	6503.4	7185.3	7518.0	7501.3	7260.2	7010.7	6786.1	6694.7	6661.4
25°	5688.4	6137.5	7185.3	7825.7	7917.2	7626.1	7260.2	6935.8	6636.4	6545.0	6470.1
27.5°	6004.4	6653.1	7958.7	8366.2	8091.8	7642.7	7102.2	6736.2	6453.5	6303.8	6270.5
30°	6328.7	7251.9	8607.4	8624.1	8141.7	7468.1	6811.1	6486.8	6162.4	6012.7	6021.0
32.5°	6769.5	7908.8	9156.3	8815.3	8000.3	7118.8	6420.2	6070.9	5788.2	5713.3	5696.7
35°	7202.0	8649.0	9597.1	8832.0	7667.7	6628.1	5904.6	5513.7	5339.1	5264.2	5297.5
37.5°	7817.4	9405.8	9854.9	8674.0	7185.3	5971.1	5297.5	4989.8	4856.7	4831.8	4865.1
40°	8491.0	10104.4	10021.2	8491.0	6528.3	5272.6	4715.4	4524.1	4440.9	4457.6	4515.8
42.5°	9214.5	10678.2	10145.9	8075.2	5754.9	4632.2	4249.7	4166.5	4291.2	4366.1	4416.0
45°	9987.9	11202.1	10187.5	7484.7	5031.4	4141.5	3983.5	4141.5	4332.8	4366.1	4391.0
47.5°	10753.0	11659.5	10187.5	6703.0	4341.1	3817.2	3900.4	4108.3	4258.0	4199.8	4208.1
50°	11484.9	12025.4	10162.6	5796.5	3858.8	3650.9	3792.3	3925.3	3858.8	3692.5	3709.1
52.5°	12150.2	12349.8	9987.9	4865.1	3459.6	3609.3	3617.6	3451.3	3301.6	3218.4	3235.1
55°	12890.3	12649.2	9472.3	4033.4	3201.8	3501.2	3268.3	3052.1	3126.9	3102.0	3093.7
57.5°	13663.8	12998.5	8765.4	3318.2	2960.6	3243.4	2985.6	2968.9	2960.6	2927.4	2885.8
60°	14329.1	13281.2	7709.3	2611.3	2603.0	2852.5	2927.4	2885.8	2844.2	2777.7	2744.4
62.5°	13946.5	12574.3	6162.4	2112.4	2237.1	2544.8	2819.2	2736.1	2744.4	2686.2	2661.2
65°	12865.4	11177.2	4199.8	1763.1	1887.8	2270.4	2561.4	2486.6	2445.0	2428.4	2411.7
67.5°	11468.2	9680.2	2769.3	1397.1	1580.1	1987.6	2262.0	2170.6	2228.8	2228.8	2220.5
70°	9023.2	7401.6	1746.4	1139.3	1255.8	1646.6	1879.5	1921.1	2004.2	2012.6	2004.2
72.5°	*6486.8*	*5064.7*	*1089.4*	*914.8*	*998.0*	*1255.8*	*1638.3*	*1679.9*	*1771.4*	*1788.0*	*1788.0*
75°	3825.5	2852.5	731.8	731.8	773.4	1022.9	1355.6	1488.6	1530.2	1546.8	1530.2
77.5°	1538.5	1097.8	482.3	540.6	598.8	823.3	1039.5	1205.9	1189.2	1180.9	1139.3
80°	548.9	474.0	332.7	357.6	432.5	615.4	773.4	823.3	873.2	848.3	823.3
82.5°	224.5	216.2	207.9	232.9	257.8	374.2	540.6	540.6	548.9	540.6	532.2
85°	83.2	83.2	99.8	116.4	141.4	174.6	241.2	307.7	257.8	183.0	191.3
87.5°	41.6	41.6	33.3	33.3	41.6	58.2	58.2	74.8	74.8	41.6	24.9
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

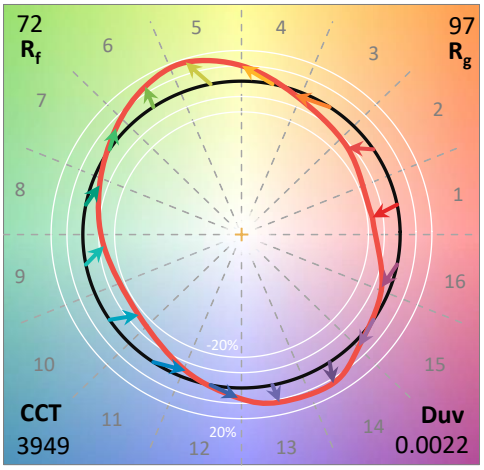
Test Information

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

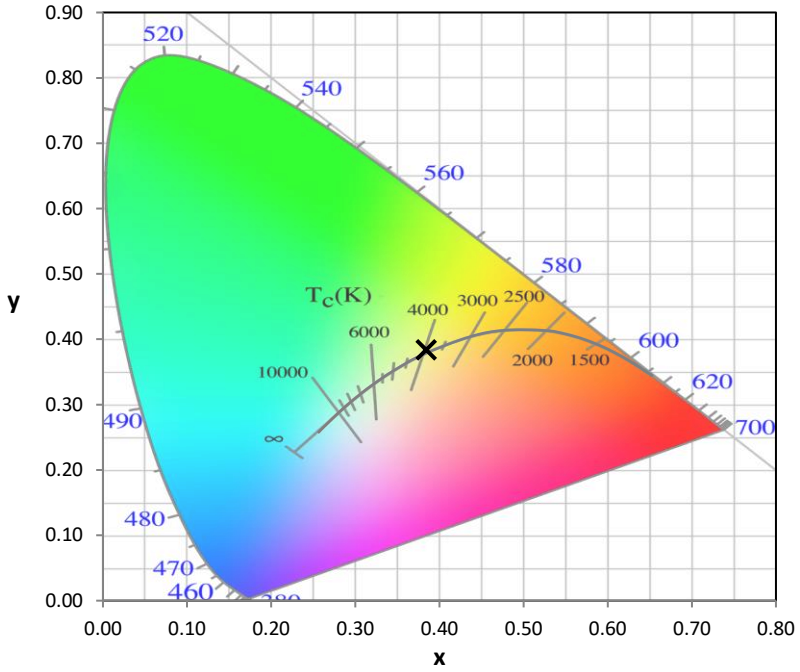
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

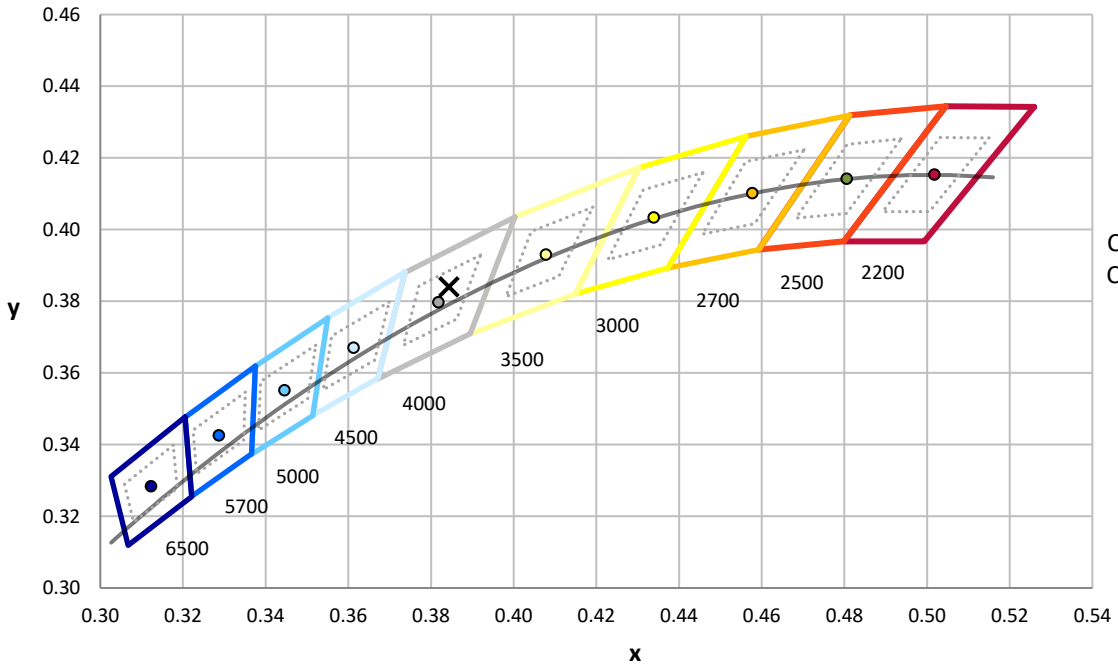
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

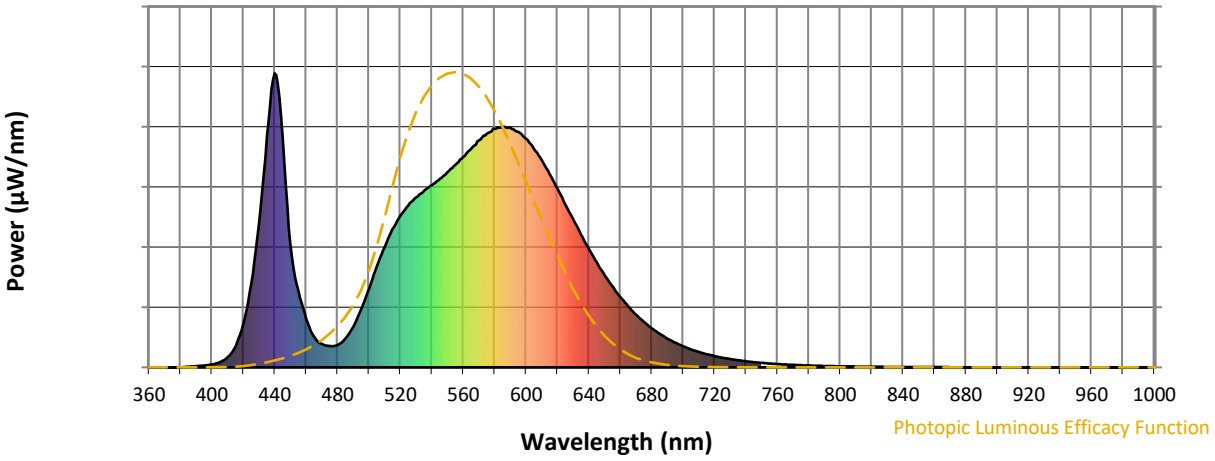


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

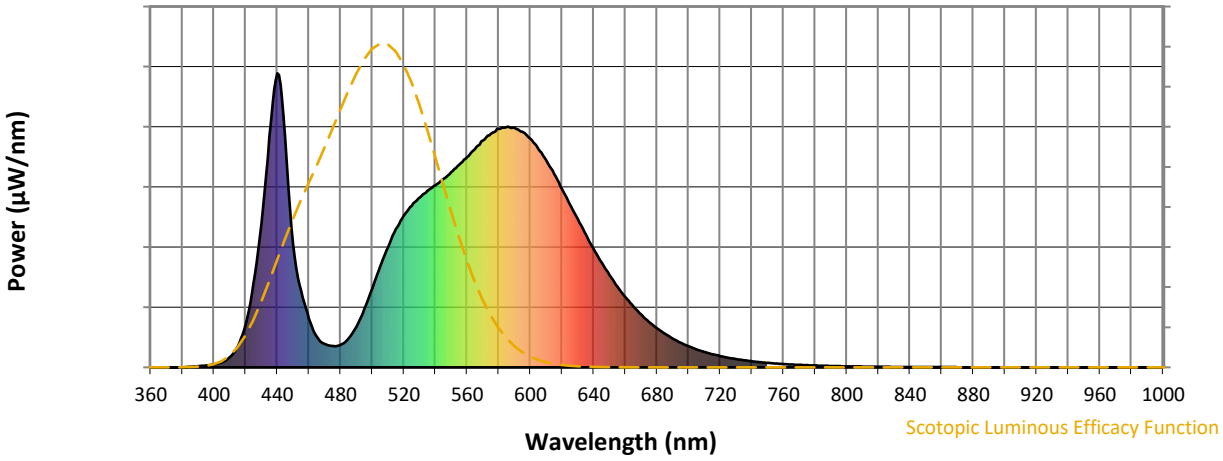


Photopic Lumens: NR

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

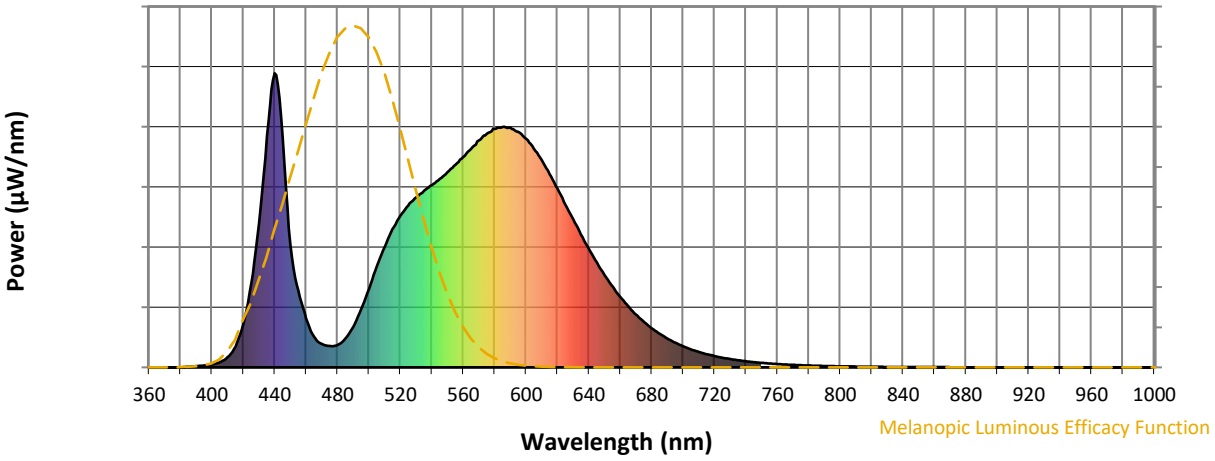


Scotopic Lumens: NR **S/P: 1.47**

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			

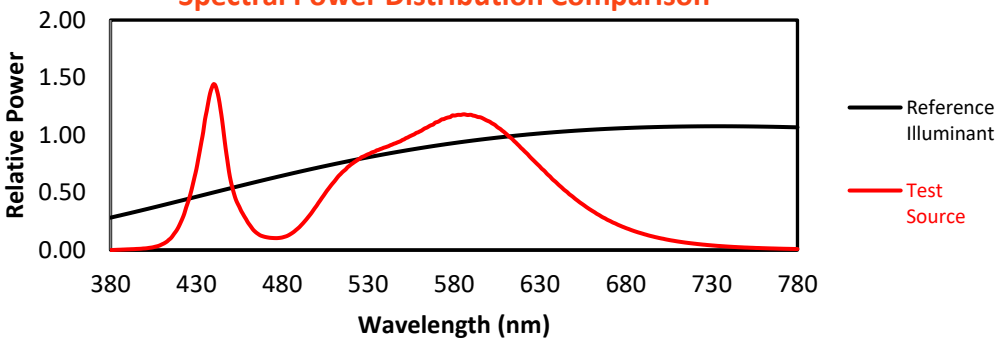
REPORT NUMBER: SP1-2407-184-1

TM-30-18

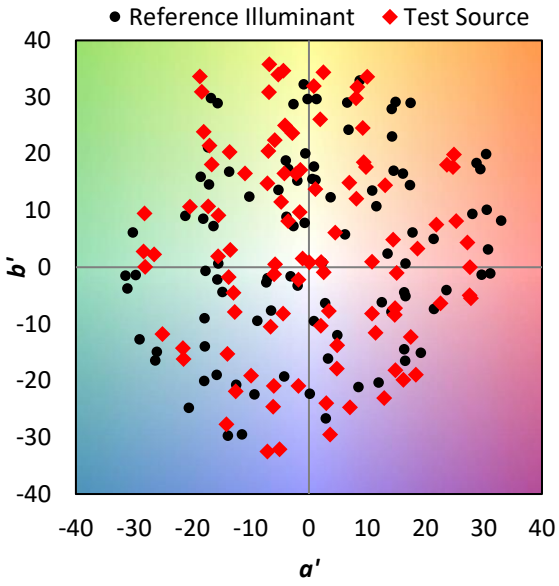
Summary

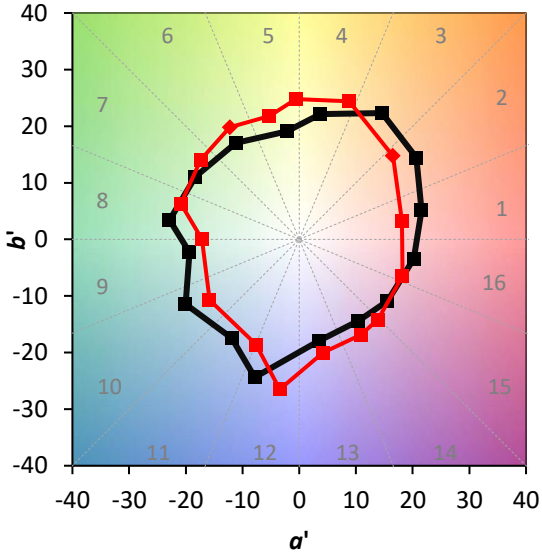
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

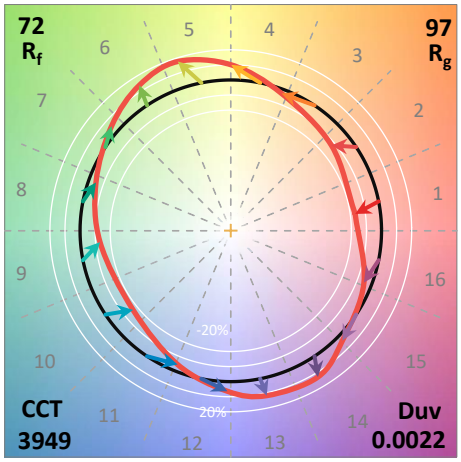
Spectral Power Distribution Comparison

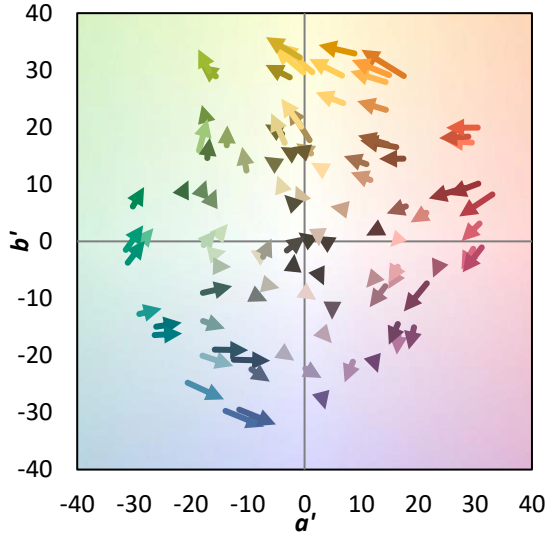


Color Vector Graphics







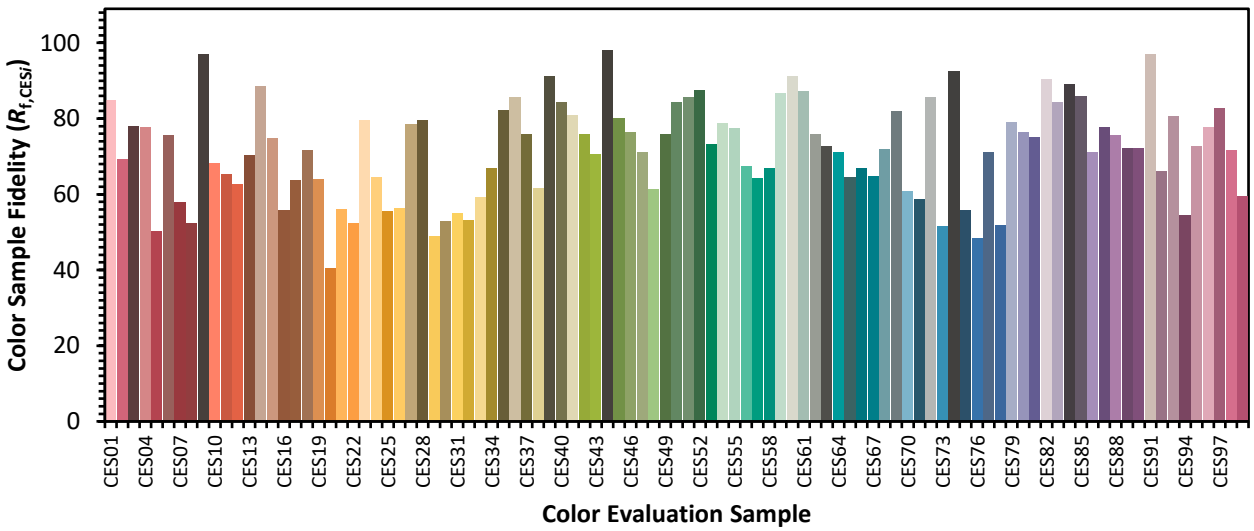


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

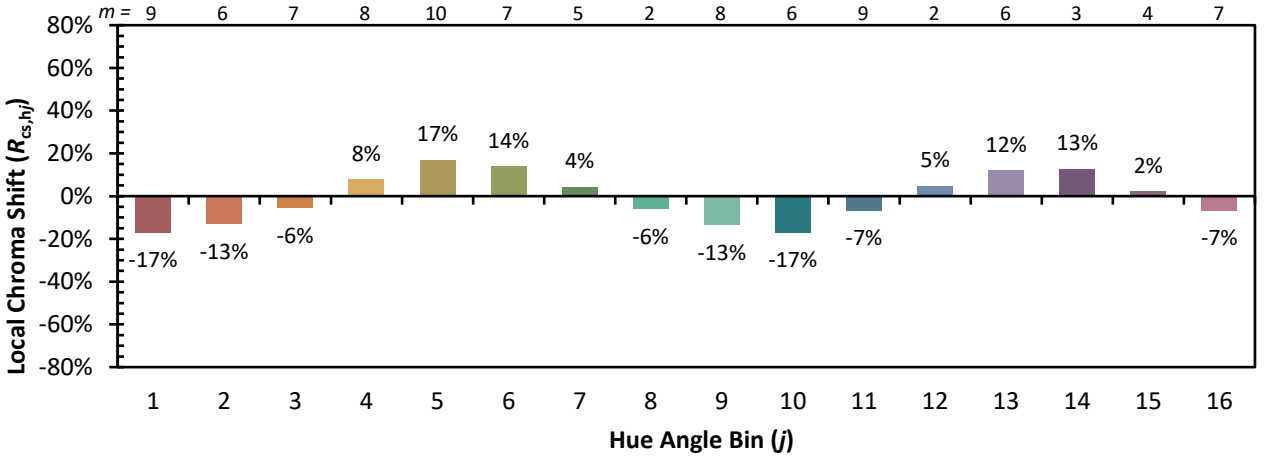
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

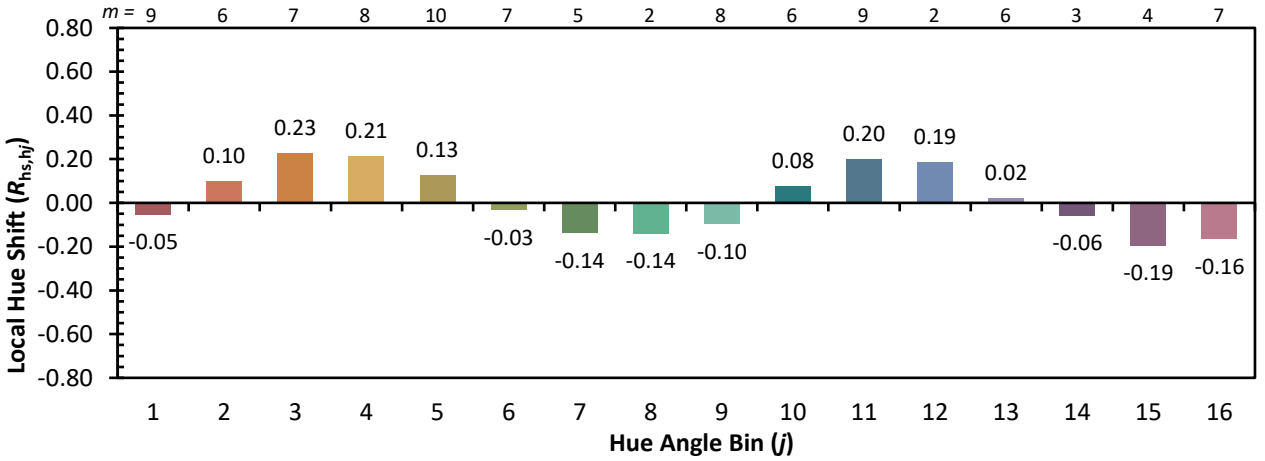


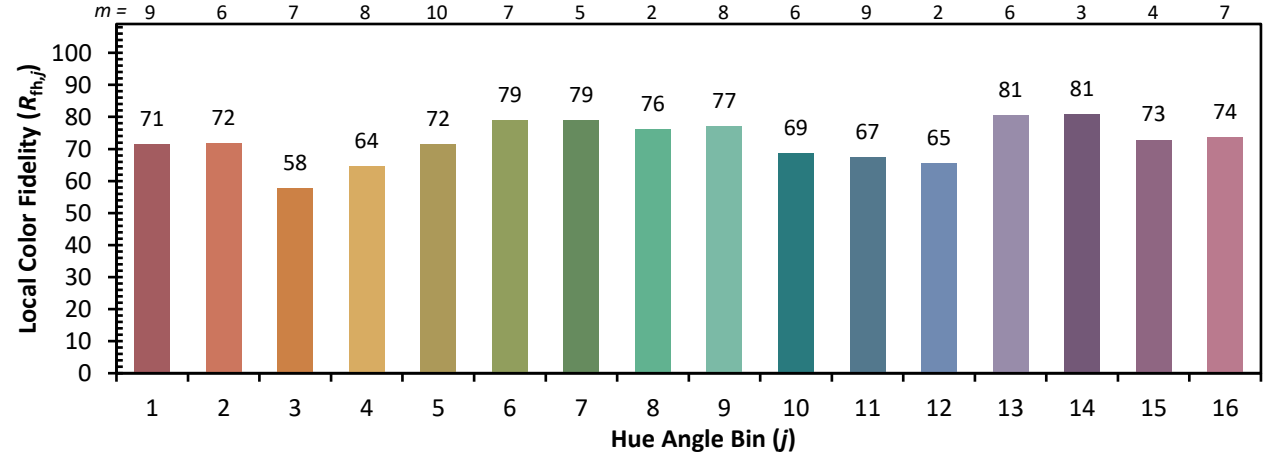
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



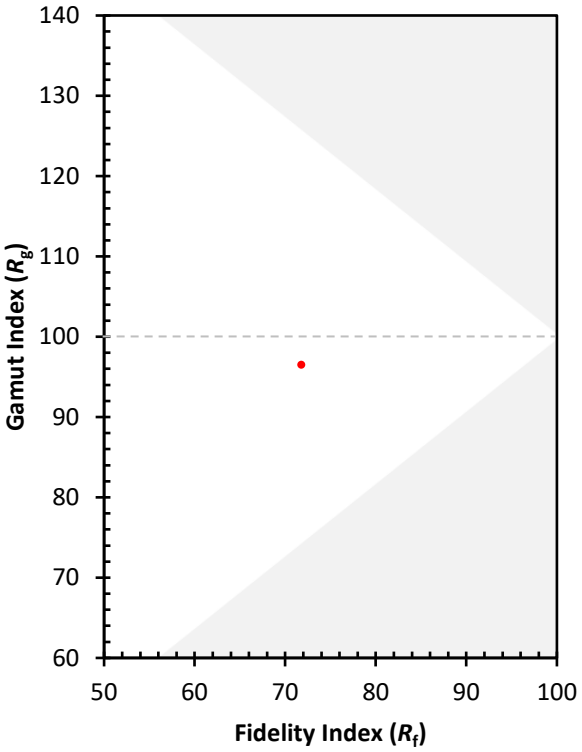


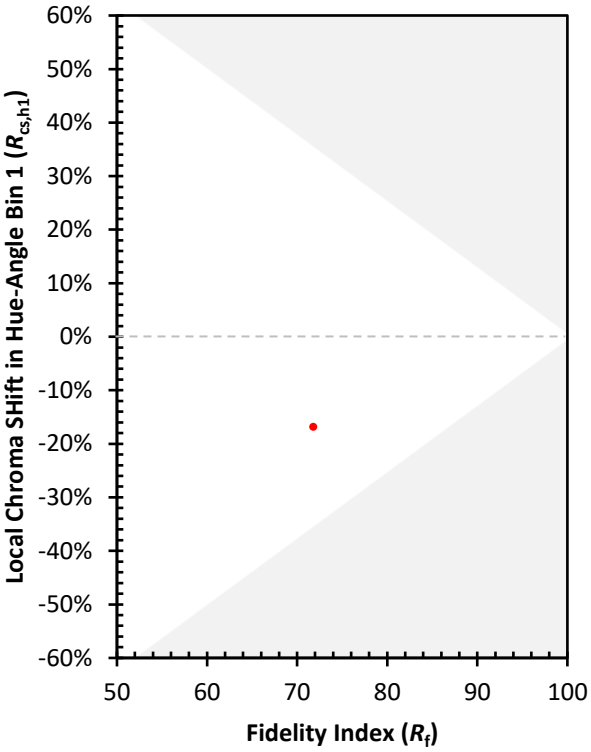


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)