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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500622

Luminaire Tested: GSS-SB5B-727-U-T4LG

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500622
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-727-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25498.3 lumens
Efficiency:	N/A
Efficacy:	138.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

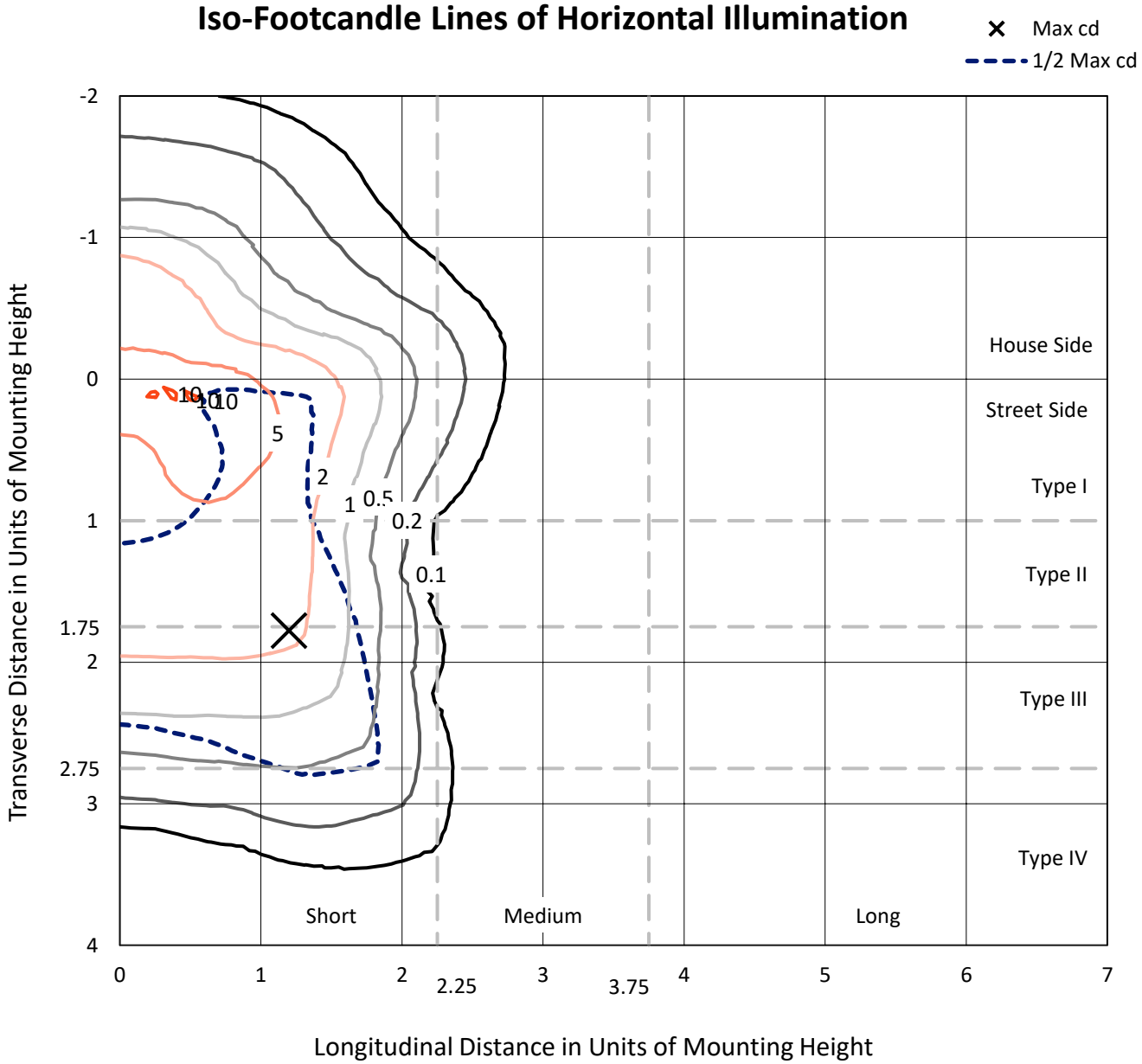
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500622
CATALOG NUMBER: GSS-SB5B-727-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



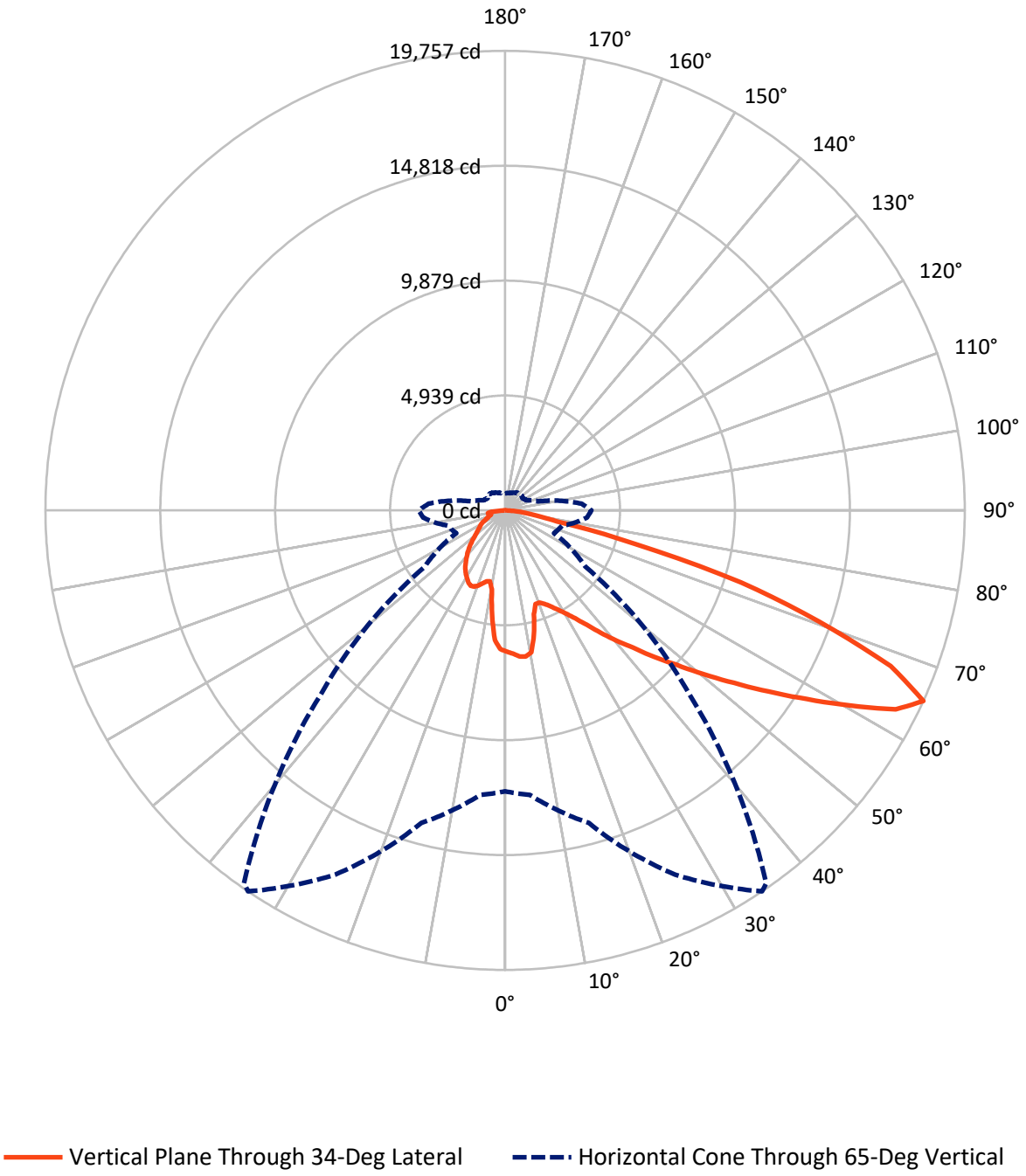
Based on 25 foot mounting height. Maximum calculated value = 10.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1500622
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Luminous Intensity Polar Plot



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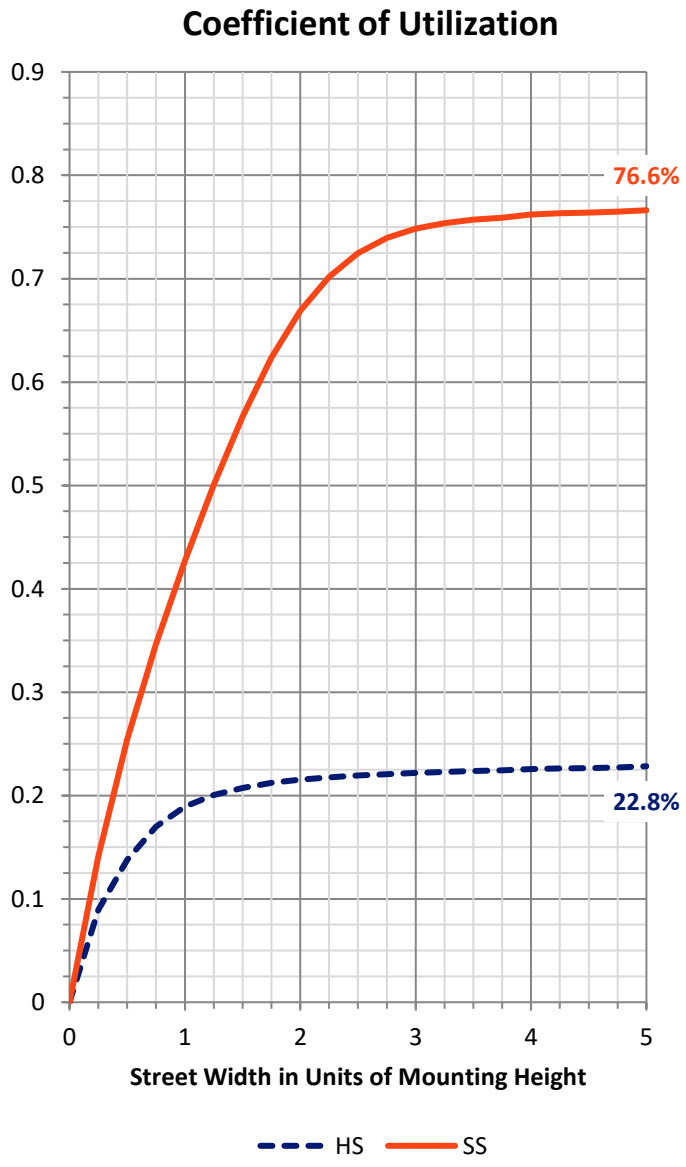
REPORT NUMBER: P1500622
CATALOG NUMBER: GSS-SB5B-727-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5932.3	0.0	5932.3
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	19566.0	0.0	19566.0
	% Fixture	76.7	0.0	76.7
Total	Lumens	25498.3	0.0	25498.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	546.5	2.1
10°-20°	1375.5	5.4
20°-30°	2280.1	8.9
30°-40°	3429.1	13.4
40°-50°	4804.1	18.8
50°-60°	6057.2	23.8
60°-70°	5209.7	20.4
70°-80°	1548.9	6.1
80°-90°	247.1	1.0
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°	25498.3	100.0
0°-180°	25498.3	100.0



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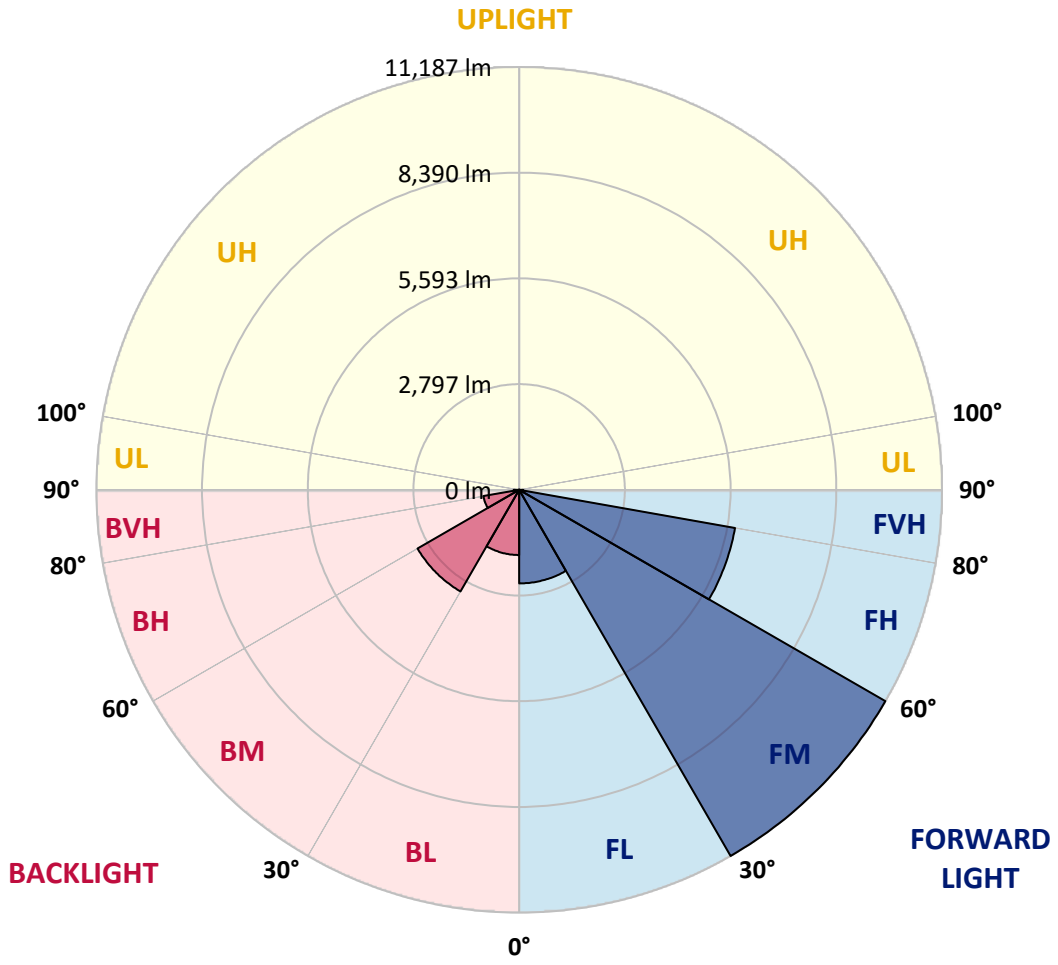
Scaled Data Report

REPORT NUMBER: P1500622
CATALOG NUMBER: GSS-SB5B-727-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2476.1	9.7			
FM	(30°-60°)	11186.9	43.9			
FH	(60°-80°)	5798.5	22.7			G3/7500
FVH	(80°-90°)	104.6	0.4			G2/225
BL	(0°-30°)	1726.1	6.8	B3/2500		
BM	(30°-60°)	3103.6	12.2	B3/5000		
BH	(60°-80°)	960.1	3.8	B2/1000		G2/1000
BVH	(80°-90°)	142.6	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3
2.5°	6177.8	6212.4	6172.0	6154.7	6160.5	6166.3	6137.4	6143.2	6108.5	6108.5	6079.6
5°	6310.6	6316.4	6293.3	6310.6	6304.8	6299.0	6299.0	6293.3	6218.2	6200.9	6172.0
7.5°	6235.5	6258.6	6270.2	6333.7	6351.0	6385.7	6408.7	6420.3	6362.6	6316.4	6241.3
10°	5548.5	5565.8	5698.6	5987.3	6206.7	6247.1	6460.7	6582.0	6541.5	6518.4	6391.4
12.5°	4434.2	4463.0	4613.1	4988.4	5502.3	5612.0	6293.3	6703.2	6795.6	6801.4	6616.6
15°	3954.9	3954.9	4001.1	4214.8	4630.5	4717.1	5721.7	6737.8	7066.9	7107.4	6882.2
17.5°	3856.8	3851.0	3879.9	4006.9	4226.3	4278.3	5063.5	6558.9	7390.3	7459.6	7170.9
20°	3851.0	3833.7	3891.4	4035.8	4226.3	4272.5	4757.5	6247.1	7644.3	7863.7	7459.6
22.5°	3856.8	3856.8	3937.6	4145.5	4364.9	4405.3	4815.2	5987.3	7852.2	8285.2	7765.6
25°	3920.3	3908.8	4024.2	4278.3	4578.5	4607.4	5051.9	5975.7	8031.1	8758.6	8135.1
27.5°	4024.2	4030.0	4185.9	4491.9	4832.5	4890.3	5381.0	6224.0	8250.5	9278.2	8493.0
30°	4243.6	4249.4	4434.2	4745.9	5138.5	5213.6	5762.1	6593.5	8562.3	9838.3	8879.9
32.5°	4491.9	4520.8	4745.9	5109.7	5531.2	5571.6	6229.8	7147.8	9030.0	10398.3	9295.6
35°	4907.6	4936.5	5190.5	5571.6	6039.2	6097.0	6801.4	7788.6	9601.6	10964.2	9618.9
37.5°	5444.5	5467.6	5715.9	6177.8	6674.3	6732.1	7436.5	8469.9	10178.9	11414.5	9907.6
40°	6085.4	6137.4	6403.0	6853.3	7355.6	7390.3	8129.3	9128.1	10802.5	11726.3	10023.0
42.5°	6784.0	6836.0	7107.4	7603.9	8065.8	8169.7	8879.9	9826.7	11310.6	11864.8	9930.7
45°	7678.9	7667.4	7921.4	8441.1	8983.8	9024.2	9682.4	10404.1	11616.6	11749.4	9838.3
47.5°	8764.4	8775.9	8937.6	9359.1	9919.1	10011.5	10519.6	10900.6	11795.6	11657.0	9734.4
50°	9988.4	10017.3	10155.8	10461.8	11062.3	11125.8	11275.9	11247.1	11905.3	11460.7	9774.8
52.5°	11212.4	11229.7	11414.5	11737.8	12321.0	12367.1	12038.1	11512.7	11495.3	10669.7	9688.2
55°	12217.0	12211.3	12540.4	13036.9	13747.1	13718.2	12788.6	11310.6	10213.6	9439.9	9301.3
57.5°	13088.9	13123.5	13550.7	14411.0	15305.9	15282.8	13591.2	10242.4	8342.9	7985.0	8672.0
60°	13874.1	13954.9	14757.4	16045.0	17032.3	16893.7	13735.5	8631.6	6489.6	6252.9	7424.9
62.5°	13533.4	13683.5	14971.1	17482.6	18839.4	18533.4	12846.4	6685.9	4393.7	4180.1	5248.2
65°	12078.5	12280.5	13914.5	17274.7	19757.4	19566.9	11229.7	4203.2	2315.2	2540.4	3533.5
67.5°	10144.3	10386.8	12153.5	15519.6	17875.2	17465.3	8724.0	2211.3	1079.7	1674.4	2194.0
70°	5560.0	6160.5	8787.5	13198.6	14318.6	13747.1	5046.2	1045.0	785.2	1045.0	1310.6
72.5°	2090.1	2234.4	3810.6	8874.1	10606.2	9901.8	1916.9	675.5	658.2	773.7	946.9
75°	1004.6	1073.9	1657.0	4035.8	5791.0	5398.4	941.1	502.3	565.8	606.2	687.1
77.5°	600.5	646.6	1033.5	2344.1	2280.6	2095.8	577.4	386.8	456.1	433.0	404.2
80°	358.0	398.4	629.3	1333.7	1374.1	1218.2	352.2	271.4	317.6	277.1	248.3
82.5°	207.9	225.2	329.1	600.5	871.8	802.5	202.1	161.7	230.9	184.8	138.6
85°	103.9	109.7	150.1	259.8	433.0	329.1	86.6	75.1	109.7	80.8	46.2
87.5°	23.1	23.1	23.1	28.9	40.4	40.4	11.5	5.8	5.8	5.8	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P1500622
CATALOG NUMBER: GSS-SB5B-727-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3	6062.3
2.5°	6073.9	6085.4	6045.0	5998.8	5987.3	5952.6	5964.2	5941.1	5906.4	5912.2	5918.0
5°	6131.6	6108.5	6027.7	5923.8	5831.4	5727.5	5606.2	5467.6	5369.5	5329.1	5363.7
7.5°	6183.6	6160.5	6021.9	5791.0	5479.2	5046.2	4595.8	4185.9	3903.0	3799.1	3822.2
10°	6327.9	6235.5	5981.5	5479.2	4734.4	3914.5	3458.4	3204.4	3117.8	3071.6	3077.4
12.5°	6518.4	6391.4	5906.4	4936.5	3810.6	3291.0	3129.3	3071.6	3042.7	3031.2	3042.7
15°	6749.4	6553.1	5727.5	4255.2	3383.4	3181.3	3146.6	3152.4	3152.4	3158.2	3158.2
17.5°	6951.5	6645.5	5404.1	3764.4	3296.8	3239.0	3273.7	3302.5	3302.5	3308.3	3302.5
20°	7136.2	6691.7	4988.4	3556.6	3314.1	3342.9	3423.8	3452.6	3458.4	3452.6	3452.6
22.5°	7332.5	6720.5	4572.7	3441.1	3354.5	3441.1	3527.7	3568.1	3579.7	3585.4	3591.2
25°	7523.1	6662.8	4232.1	3348.7	3337.2	3458.4	3556.6	3608.5	3620.1	3620.1	3625.8
27.5°	7713.6	6645.5	4001.1	3227.5	3256.3	3354.5	3470.0	3539.2	3585.4	3591.2	3597.0
30°	7933.0	6593.5	3781.7	3065.8	3077.4	3198.6	3319.8	3441.1	3533.5	3573.9	3573.9
32.5°	8083.1	6541.5	3585.4	2892.6	2892.6	3019.6	3169.7	3319.8	3452.6	3533.5	3550.8
35°	8227.4	6495.4	3412.2	2719.4	2725.2	2846.4	3002.3	3164.0	3331.4	3429.5	3475.7
37.5°	8302.5	6449.2	3291.0	2586.6	2563.5	2690.5	2794.4	2927.2	3106.2	3267.9	3308.3
40°	8319.8	6449.2	3279.4	2494.2	2396.1	2540.4	2586.6	2679.0	2840.6	3013.8	3077.4
42.5°	8204.4	6385.7	3337.2	2436.5	2222.9	2326.8	2378.7	2424.9	2528.9	2673.2	2725.2
45°	8065.8	6299.0	3389.1	2355.6	2009.2	2090.1	2170.9	2176.7	2222.9	2257.5	2292.1
47.5°	7950.3	6206.7	3296.8	2205.5	1789.8	1847.6	1934.2	1934.2	1911.1	1841.8	1818.7
50°	8042.7	6235.5	3140.9	1991.9	1587.8	1628.2	1720.5	1668.6	1616.6	1472.3	1455.0
52.5°	8123.5	6345.2	2956.1	1784.1	1414.5	1455.0	1547.3	1466.5	1362.6	1247.1	1229.8
55°	7990.7	6351.0	2615.5	1553.1	1293.3	1327.9	1414.5	1316.4	1218.2	1149.0	1137.4
57.5°	7592.3	6177.8	2257.5	1374.1	1189.4	1224.0	1304.8	1206.7	1114.3	1108.5	1137.4
60°	6714.8	5571.6	1928.4	1258.7	1091.2	1131.6	1212.5	1108.5	987.3	935.3	952.7
62.5°	5069.3	4284.0	1651.3	1125.9	998.8	1050.8	1108.5	941.1	837.2	814.1	791.0
65°	*3706.7*	*3291.0*	*1483.8*	*1021.9*	*912.2*	*975.7*	*929.6*	*837.2*	*767.9*	*744.8*	*733.3*
67.5°	2396.1	2234.4	1276.0	923.8	831.4	883.4	819.9	773.7	698.6	687.1	704.4
70°	1466.5	1518.5	1068.1	814.1	750.6	739.0	750.6	704.4	623.6	640.9	664.0
72.5°	1039.3	1120.1	918.0	710.2	640.9	617.8	669.7	640.9	583.1	600.5	623.6
75°	744.8	831.4	756.3	583.1	542.7	531.2	623.6	640.9	600.5	612.0	629.3
77.5°	438.8	531.2	536.9	450.3	409.9	473.4	664.0	739.0	710.2	675.5	658.2
80°	282.9	317.6	381.1	288.7	288.7	409.9	727.5	900.7	773.7	687.1	675.5
82.5°	144.3	167.4	248.3	184.8	173.2	306.0	715.9	860.3	854.5	762.1	744.8
85°	40.4	52.0	115.5	80.8	69.3	161.7	536.9	646.6	577.4	421.5	427.2
87.5°	5.8	5.8	0.0	0.0	5.8	23.1	63.5	11.5	11.5	11.5	11.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

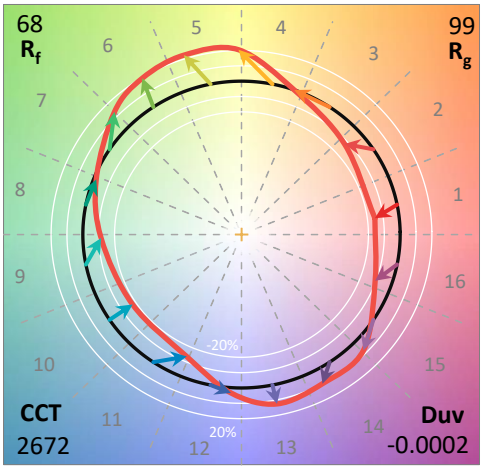
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

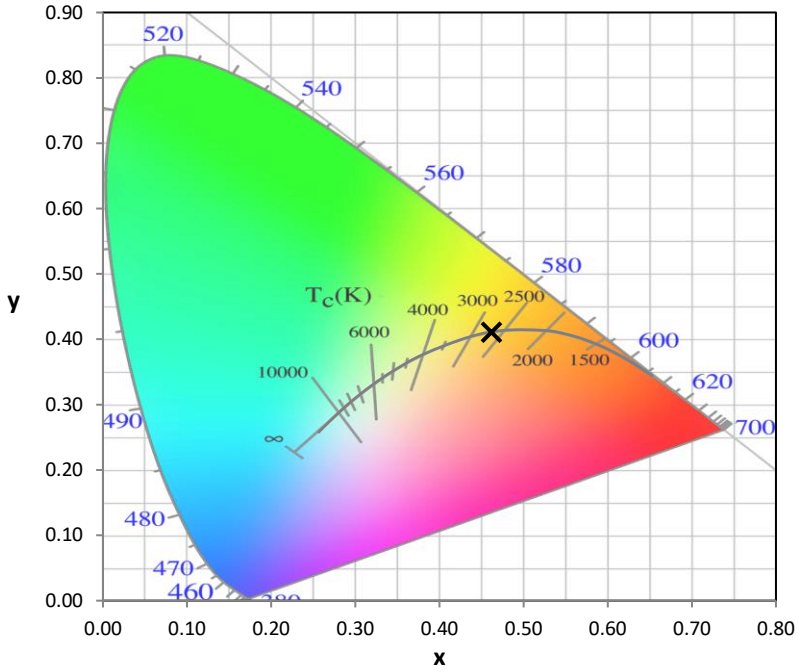
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

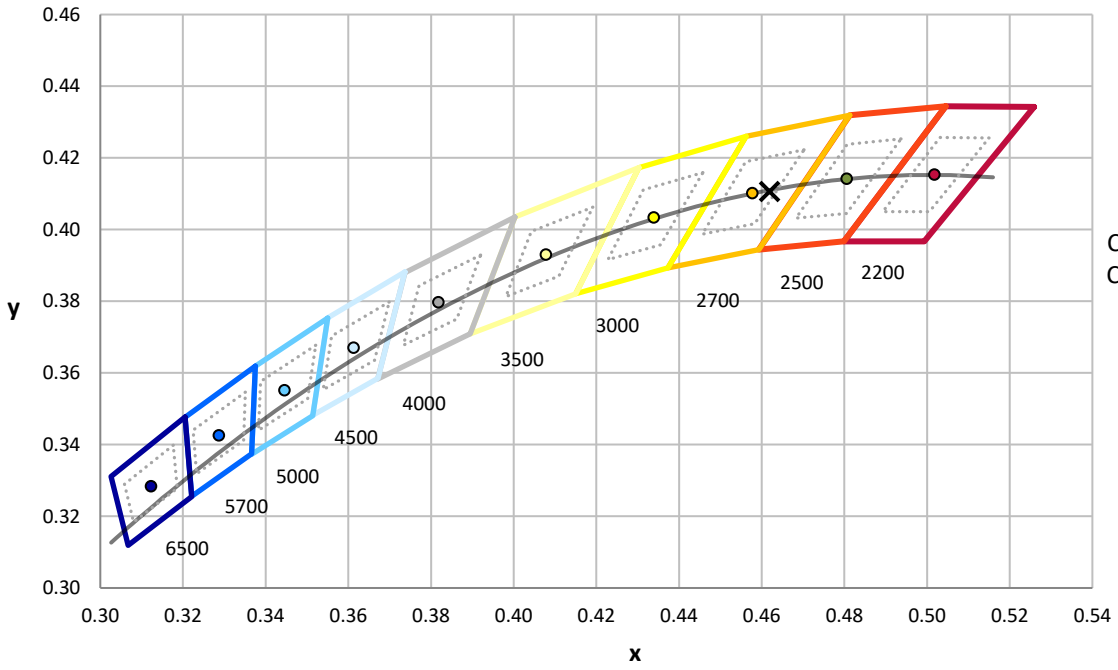
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

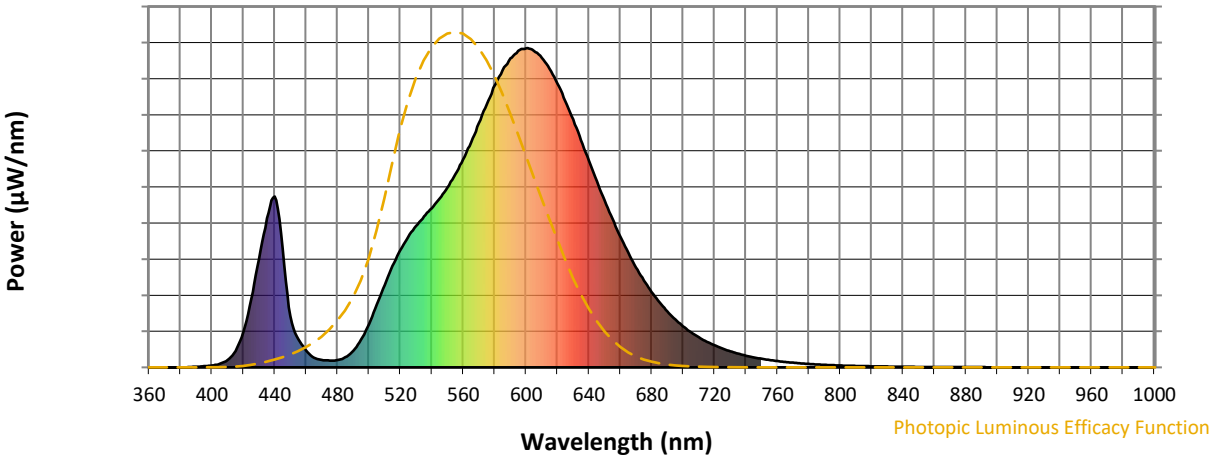


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

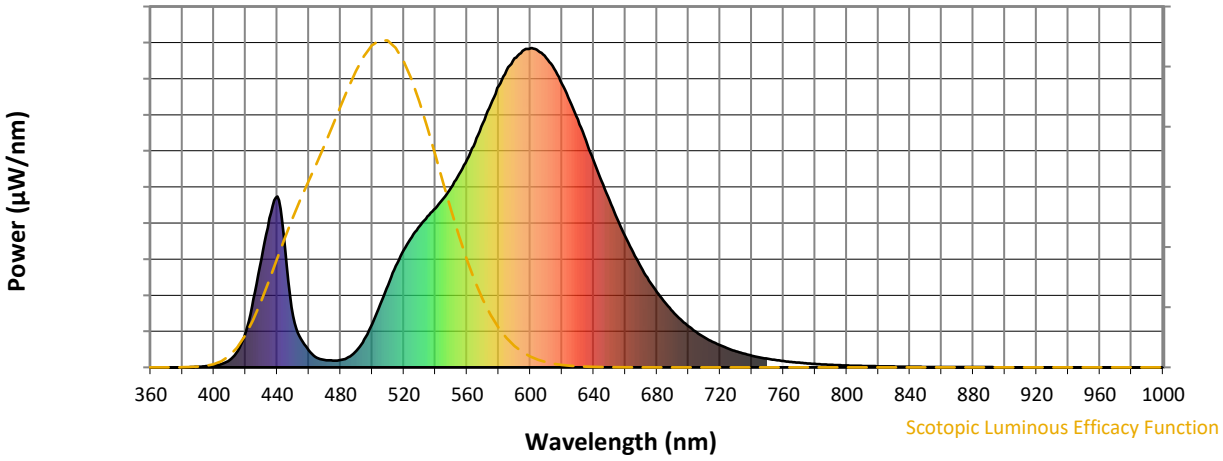


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

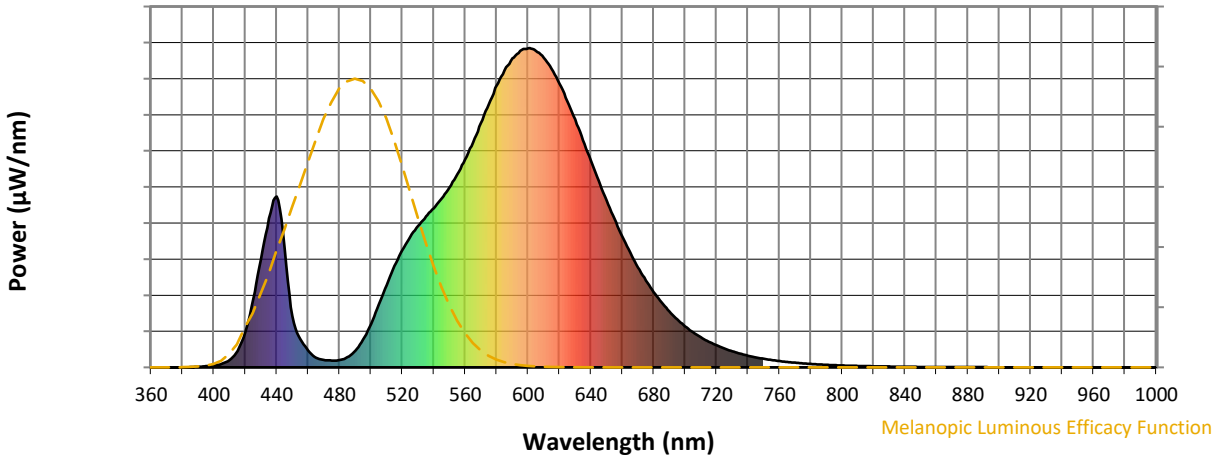


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

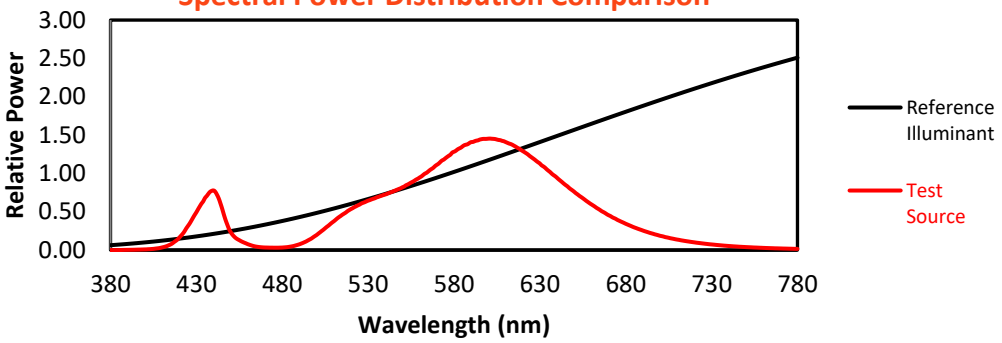
REPORT NUMBER: SP1-2407-184-3

TM-30-18

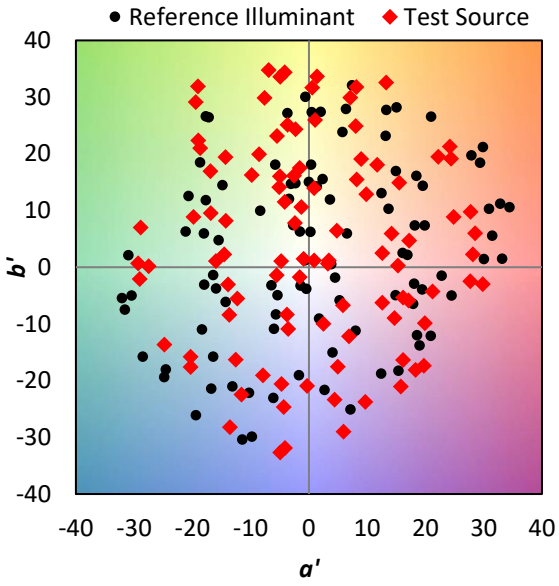
Summary

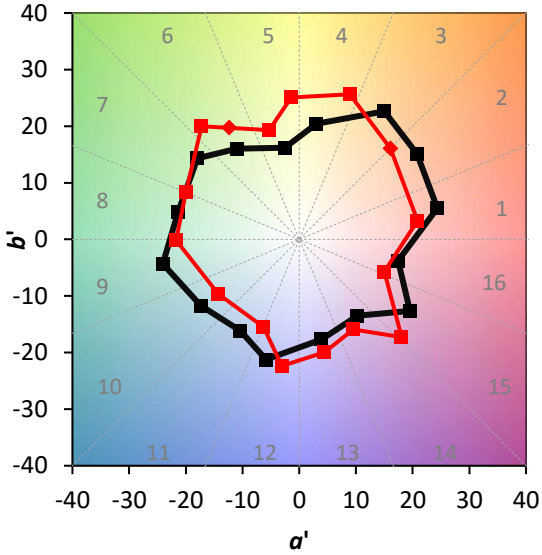
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

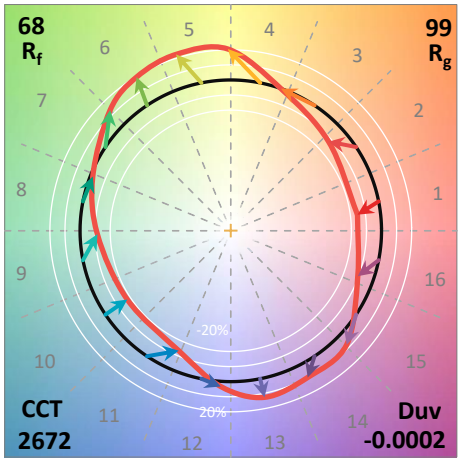
Spectral Power Distribution Comparison

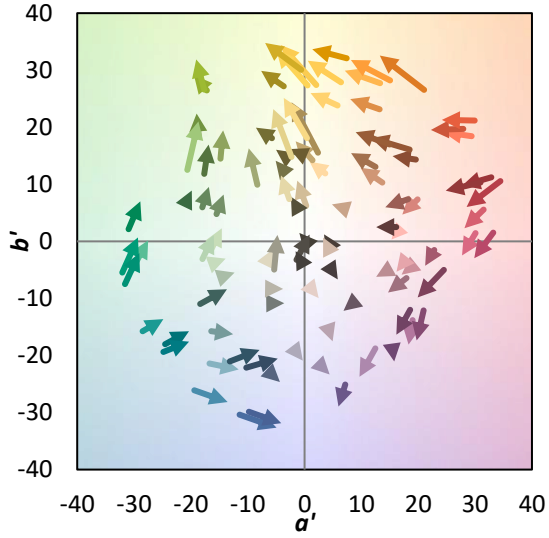


Color Vector Graphics







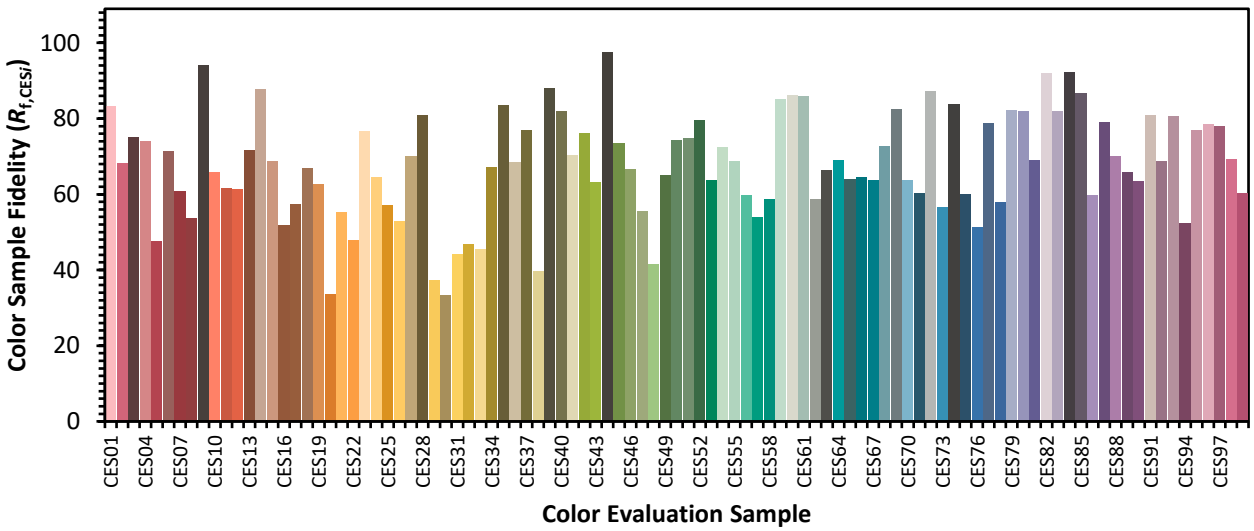


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

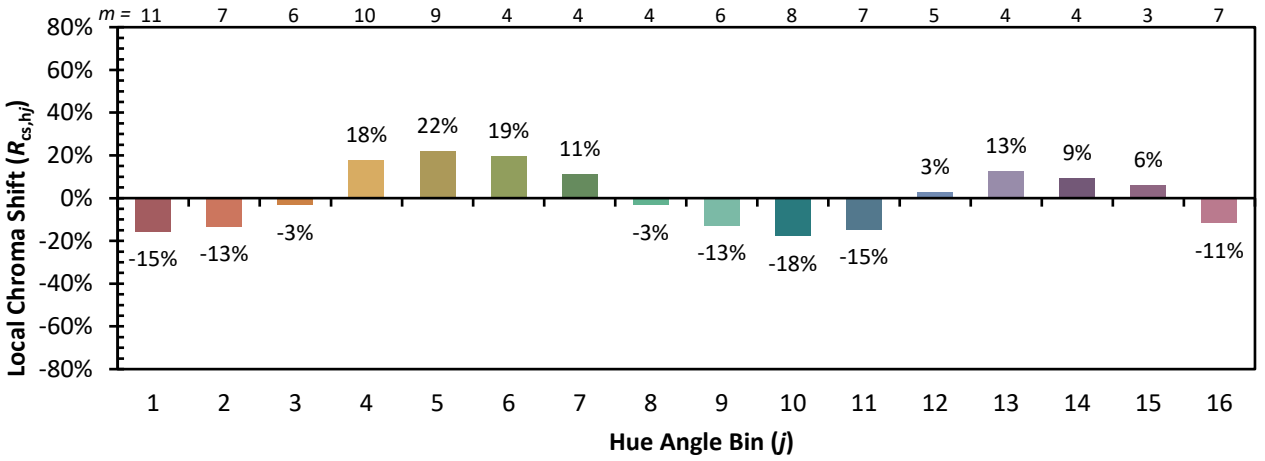
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

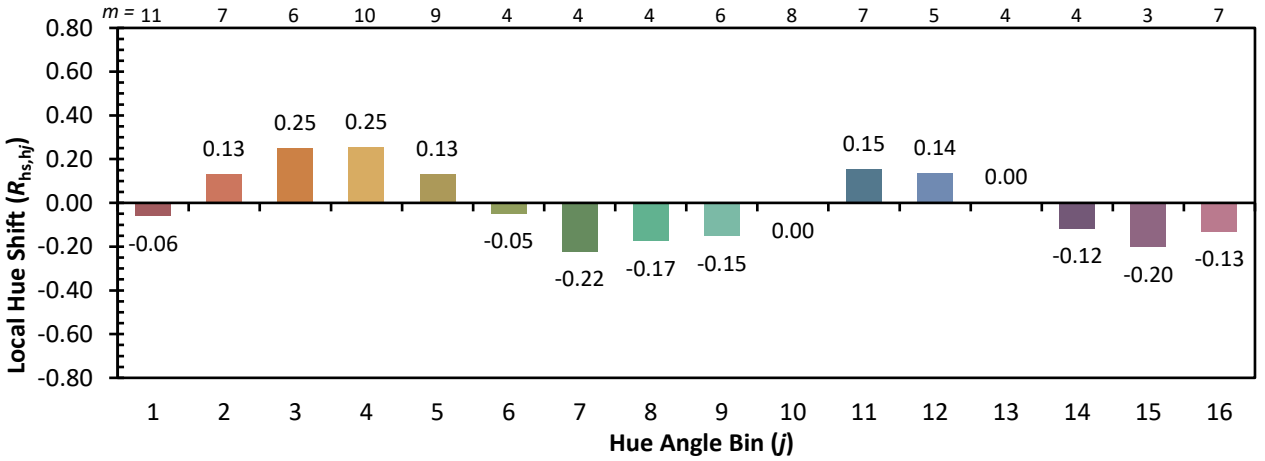


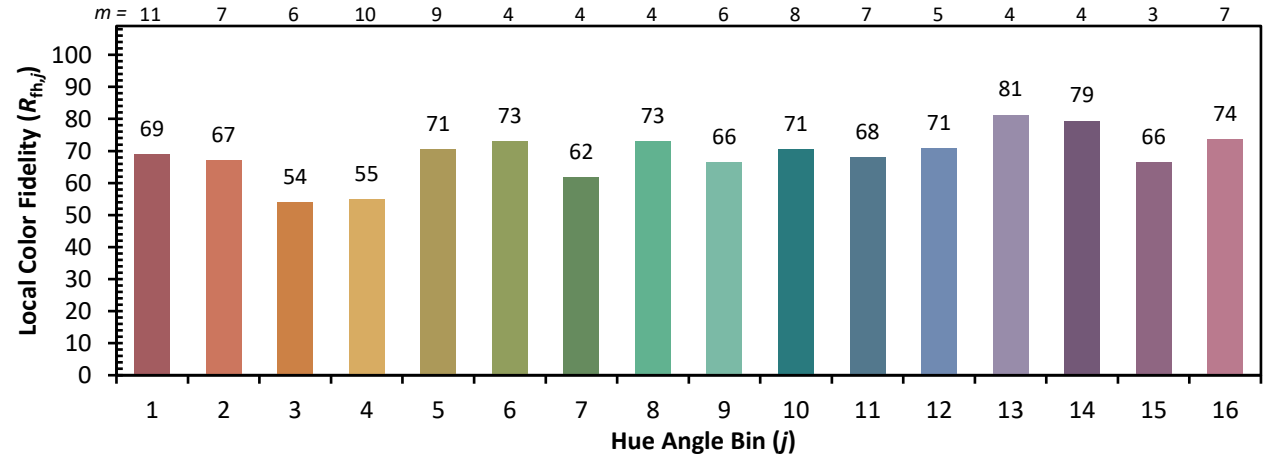
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



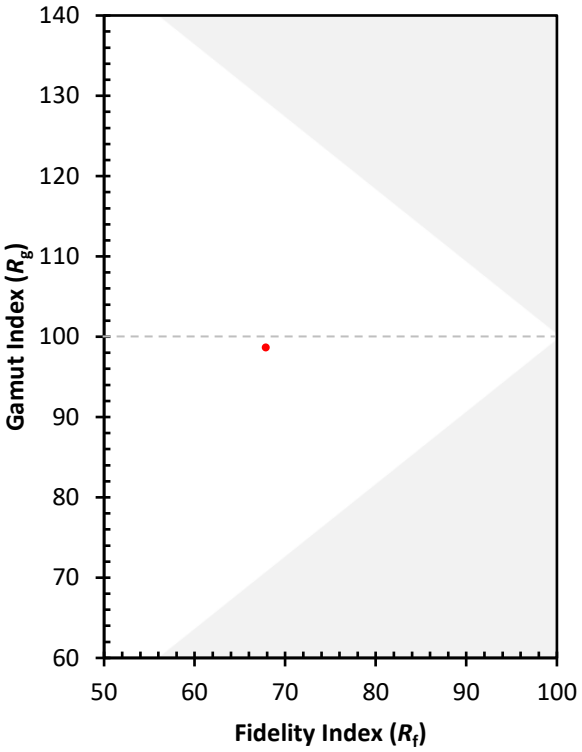


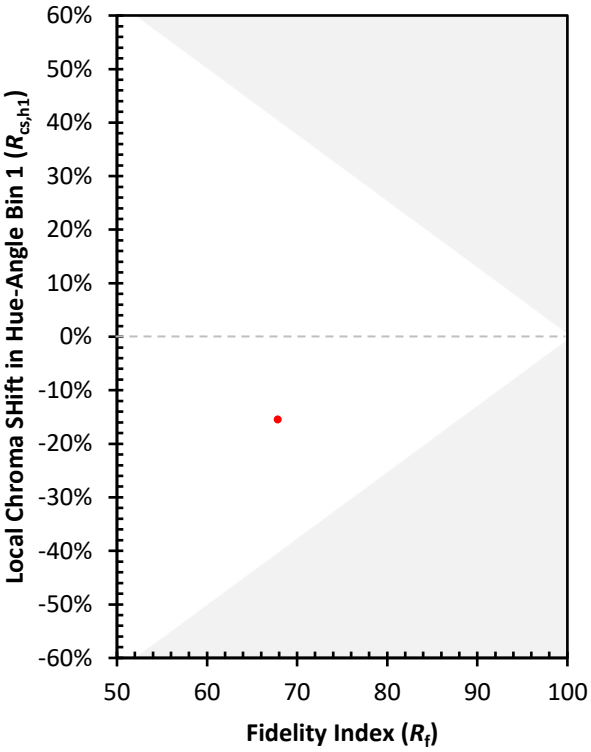


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





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