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: P1501172

Luminaire Tested: GSS-SB4D-835-U-T3LG

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:	P1501172
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30344.7 lumens
Efficiency:	N/A
Efficacy:	127.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

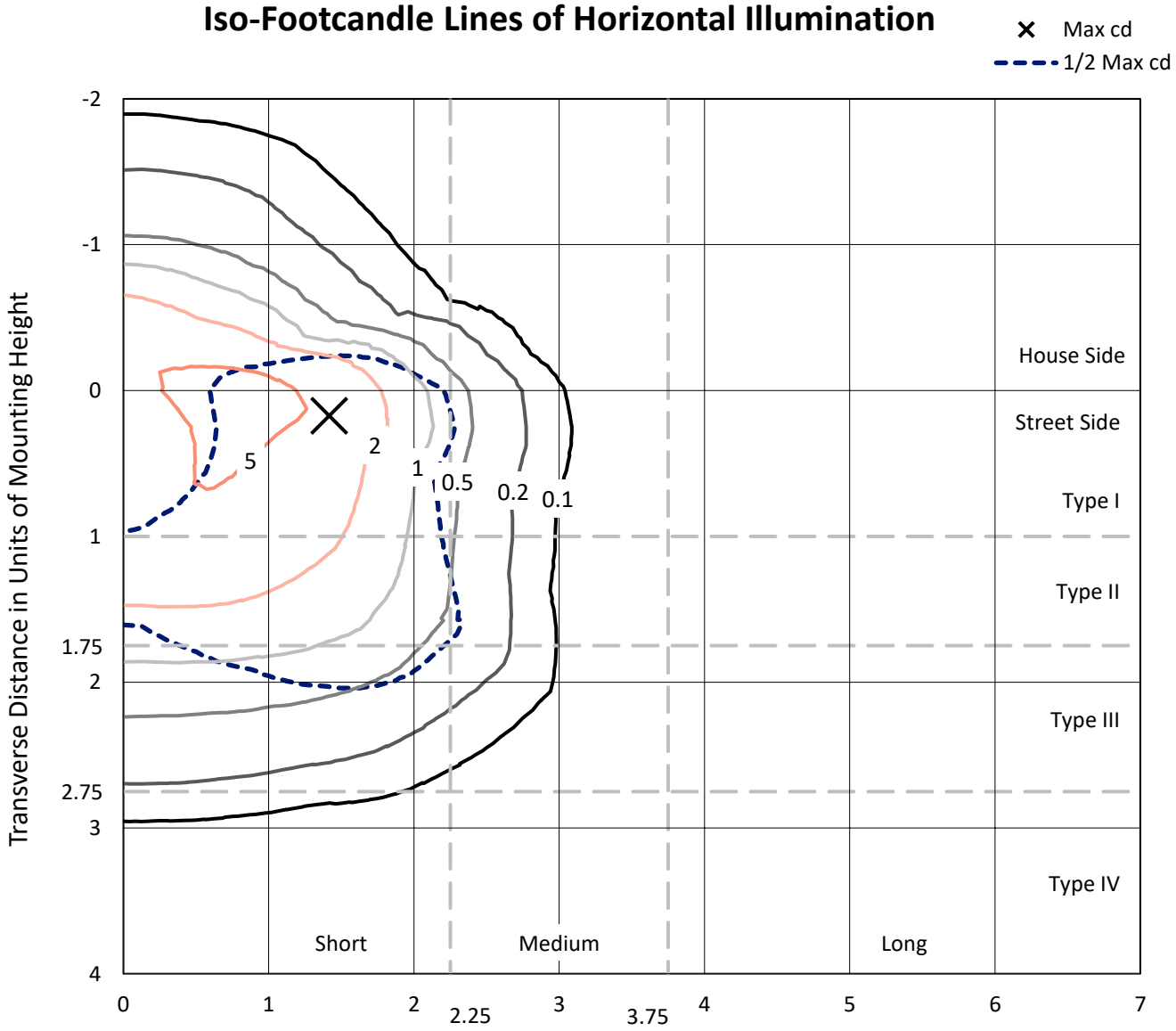
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501172
CATALOG NUMBER: GSS-SB4D-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



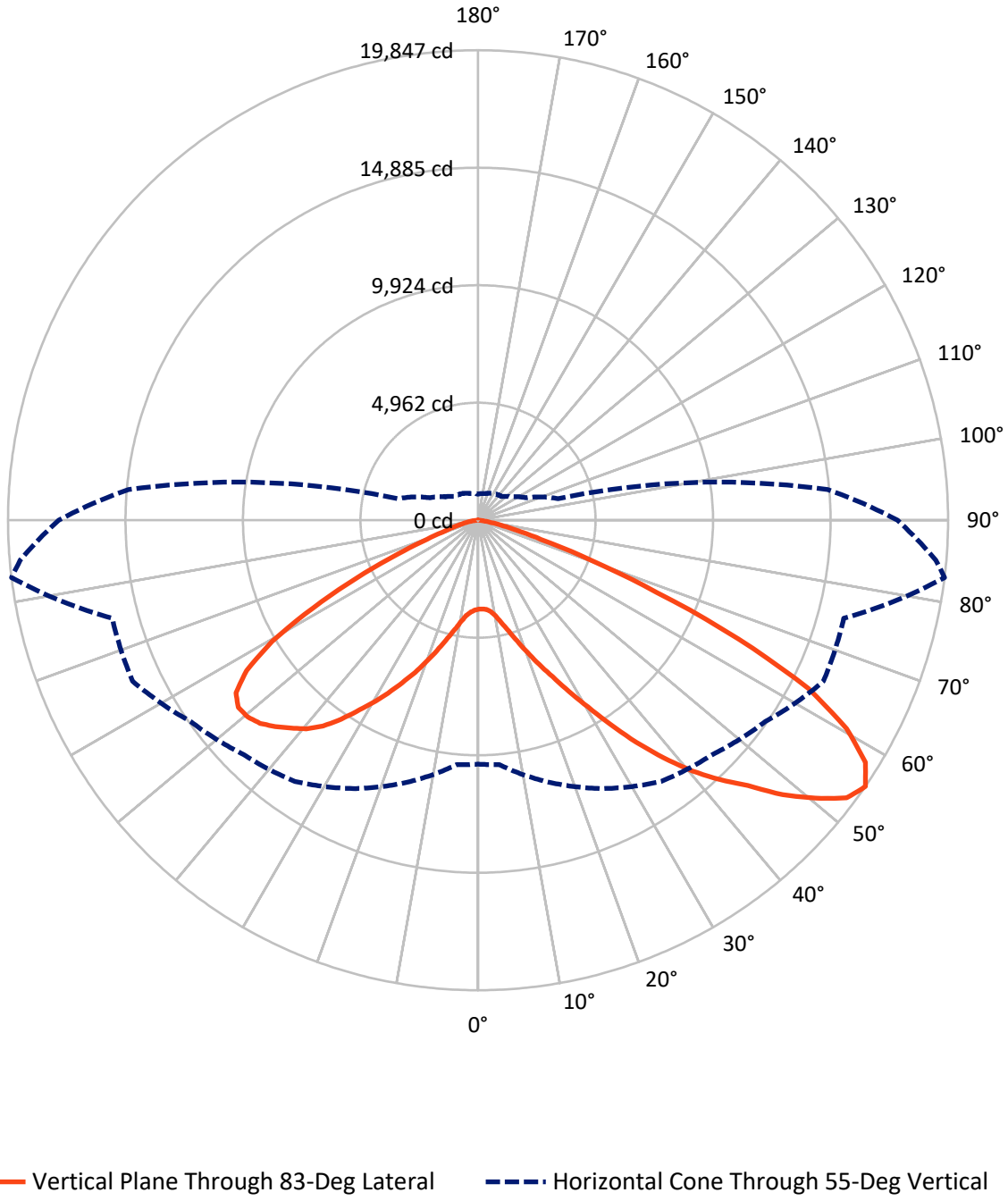
Based on 30 foot mounting height. Maximum calculated value = 7.1 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501172
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Luminous Intensity Polar Plot



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Scaled Data Report

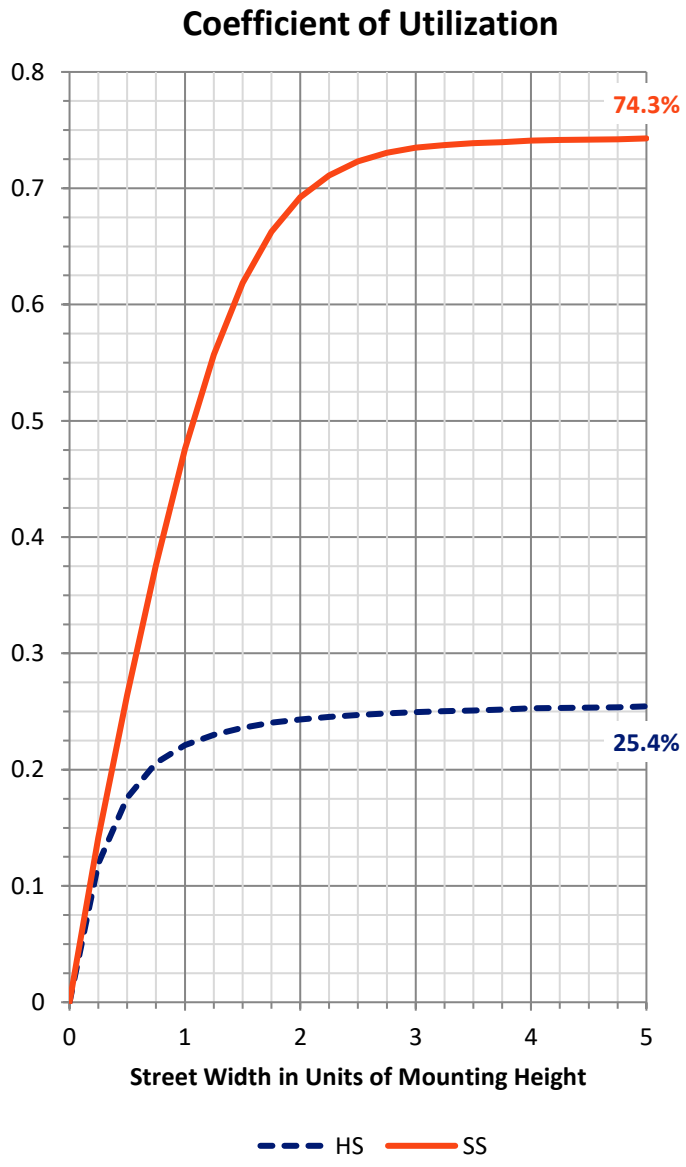
REPORT NUMBER: P1501172
CATALOG NUMBER: GSS-SB4D-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7787.1	0.0	7787.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	22557.6	0.0	22557.6
	% Fixture	74.3	0.0	74.3
Total	Lumens	30344.7	0.0	30344.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	362.9	1.2
10°-20°	1182.4	3.9
20°-30°	2367.1	7.8
30°-40°	4211.4	13.9
40°-50°	6346.4	20.9
50°-60°	7733.6	25.5
60°-70°	6253.7	20.6
70°-80°	1712.8	5.6
80°-90°	174.4	0.6
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°	30344.7	100.0
0°-180°	30344.7	100.0



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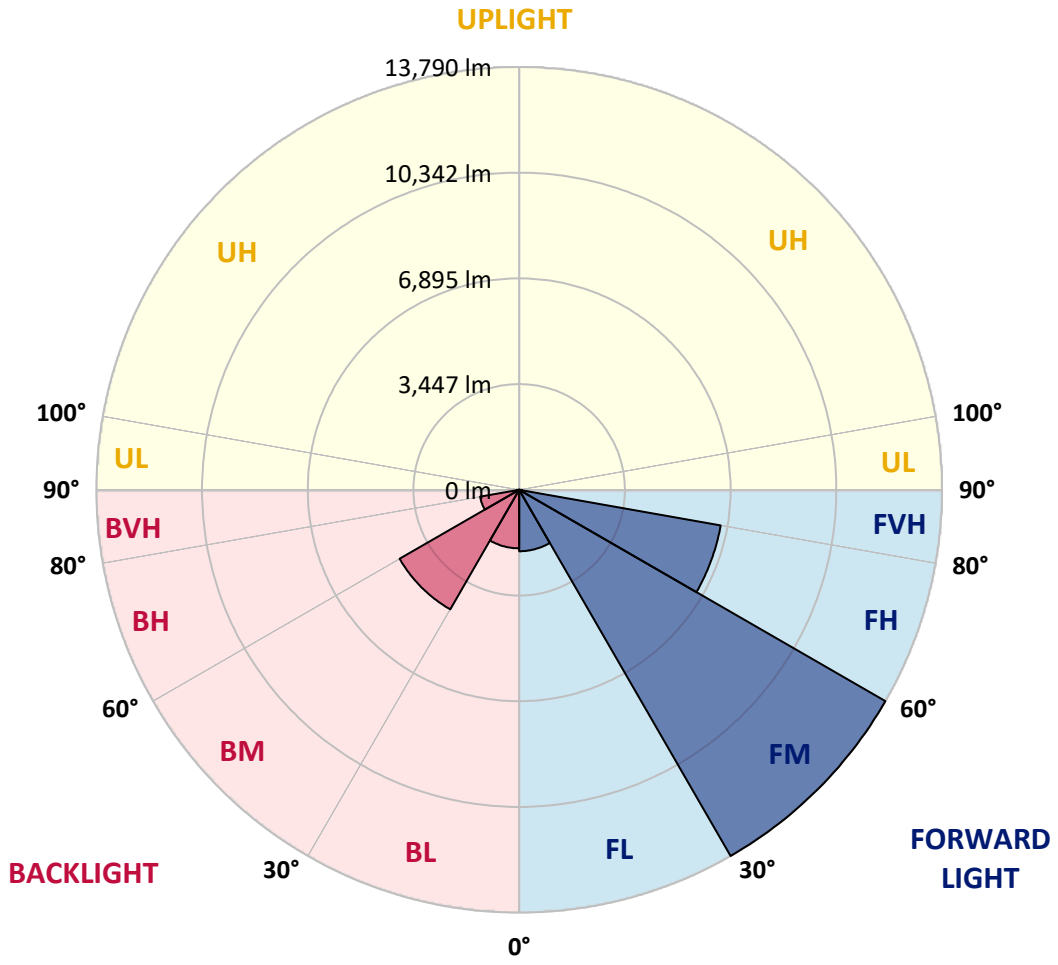
Scaled Data Report

REPORT NUMBER: P1501172
CATALOG NUMBER: GSS-SB4D-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2003.6	6.6			
FM	(30°-60°)	13789.6	45.4			
FH	(60°-80°)	6673.6	22.0			G3/7500
FVH	(80°-90°)	90.9	0.3			G1/100
BL	(0°-30°)	1908.8	6.3	B3/2500		
BM	(30°-60°)	4501.8	14.8	B3/5000		
BH	(60°-80°)	1292.9	4.3	B3/2500		G3/2500
BVH	(80°-90°)	83.6	0.3			G1/100
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°	35°	45°	55°	65°	75°	83°	85°
0°	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	*3756.4*	3756.4
2.5°	3648.5	3641.7	3635.0	3628.2	3641.7	3661.9	3682.2	3695.7	3729.4	*3756.4*	3742.9
5°	3358.5	3345.0	3358.5	3412.4	3459.6	3540.6	3621.5	3675.4	3749.6	*3783.3*	3796.8
7.5°	3102.2	3088.7	3102.2	3169.6	3250.6	3378.7	3547.3	3682.2	3817.1	*3898.0*	3911.5
10°	3102.2	3108.9	3108.9	3135.9	3176.4	3304.5	3506.8	3763.1	3999.1	*4113.8*	4140.8
12.5°	3203.4	3203.4	3203.4	3237.1	3264.1	3365.2	3594.5	3911.5	4289.1	*4457.7*	4478.0
15°	3338.2	3331.5	3351.7	3372.0	3419.2	3520.3	3749.6	4127.3	4606.1	*4862.4*	4889.3
17.5°	3527.1	3513.6	3533.8	3581.0	3648.5	3763.1	3992.4	4424.0	5044.4	*5368.2*	5408.6
20°	3736.1	3729.4	3769.8	3844.0	3938.4	4080.1	4343.1	4781.4	5543.5	*5954.9*	6029.1
22.5°	3985.7	3972.2	4046.3	4181.2	4309.4	4471.2	4788.2	5246.8	6116.7	*6609.0*	6683.2
25°	4268.9	4268.9	4370.1	4531.9	4727.5	5017.5	5334.4	5840.2	6791.1	*7317.1*	7431.8
27.5°	4734.2	4767.9	4808.4	4977.0	5253.5	5644.7	5981.8	6555.1	7526.2	*8187.1*	8227.6
30°	5489.5	5476.1	5543.5	5658.1	5887.4	6298.8	6804.6	7418.3	8456.9	*9151.5*	9252.6
32.5°	6170.7	6190.9	6285.3	6501.1	6777.6	7128.3	7735.3	8490.6	9468.5	*10271.0*	10318.2
35°	6858.6	6872.0	7054.1	7377.8	7789.2	8180.4	8841.3	9583.1	10567.7	*11518.6*	11646.7
37.5°	7822.9	7809.4	7991.5	8268.0	8821.0	9428.0	9960.8	10668.9	11619.8	*12732.5*	12880.9
40°	8544.5	8618.7	8962.7	9313.3	9832.6	10459.8	10911.6	11579.3	12483.0	*13919.4*	14054.3
42.5°	9286.4	9347.1	9805.6	10331.7	10877.9	11302.8	11653.5	12273.9	13170.9	*14971.5*	15045.7
45°	9900.1	9981.0	10507.0	11174.7	11741.2	12172.8	12294.2	12874.1	13872.2	*15983.1*	16097.7
47.5°	10291.2	10378.9	10999.3	11781.6	12361.6	12820.2	12779.7	13595.7	14620.8	*17325.1*	17284.6
50°	10561.0	10614.9	11289.3	12125.6	12880.9	13184.3	13359.7	14411.7	15389.6	*18451.3*	18303.0
52.5°	10756.5	10844.2	11457.9	12375.1	13170.9	13568.8	14040.8	15355.9	15922.4	*19483.2*	19152.7
55°	*10298.0*	*10365.4*	*11444.4*	*12503.2*	*13467.6*	*13993.6*	*14816.4*	*16091.0*	*15989.8*	*19847.3*	*19402.2*
57.5°	9825.9	9879.8	10877.9	12469.5	13791.3	14519.6	15699.8	16185.4	15389.6	*19287.6*	18727.8
60°	9232.4	9272.9	10271.0	12112.1	13798.0	14931.0	16151.7	15497.5	14276.9	*17878.1*	17345.3
62.5°	8139.9	8139.9	9239.2	11147.7	13460.8	15140.1	16030.3	14195.9	12786.5	*15659.4*	14924.3
65°	7060.9	7013.7	7755.5	9428.0	12563.9	15086.1	15119.9	12550.4	10473.3	*12078.3*	11505.1
67.5°	5887.4	5894.2	6332.5	7654.3	10176.6	13959.9	13197.8	9697.7	7296.9	*8133.2*	7836.4
70°	3985.7	4086.8	4531.9	5557.0	7674.6	9893.3	10507.0	6568.6	4552.1	*5051.2*	4808.4
72.5°	1517.4	1537.6	2056.9	2913.4	4848.9	5948.1	7330.6	3675.4	2663.8	*2785.2*	2798.7
75°	640.7	667.6	876.7	1227.4	2151.3	3243.8	3857.5	1861.3	1618.5	*1665.7*	1652.3
77.5°	431.6	445.1	532.8	660.9	971.1	1301.6	1611.8	1052.1	991.4	*930.7*	903.7
80°	323.7	323.7	384.4	445.1	546.3	667.6	701.4	532.8	593.5	*492.3*	478.8
82.5°	209.1	222.5	242.8	263.0	310.2	330.5	283.2	290.0	343.9	*256.3*	242.8
85°	101.2	107.9	114.6	121.4	121.4	114.6	101.2	128.1	175.3	*107.9*	101.2
87.5°	13.5	13.5	13.5	13.5	13.5	13.5	6.7	6.7	6.7	*6.7*	6.7
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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Scaled Data Report

REPORT NUMBER: P1501172
CATALOG NUMBER: GSS-SB4D-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4	3756.4
2.5°	3763.1	3790.1	3810.3	3823.8	3857.5	3850.8	3871.0	3884.5	3898.0	3918.2	3891.2
5°	3830.5	3877.7	3931.7	3972.2	4012.6	4032.9	4039.6	4053.1	4059.8	4073.3	4066.6
7.5°	3978.9	4032.9	4113.8	4154.2	4188.0	4188.0	4167.7	4161.0	4140.8	4154.2	4154.2
10°	4228.4	4309.4	4397.0	4403.8	4363.3	4316.1	4241.9	4201.5	4147.5	4134.0	4120.5
12.5°	4592.6	4700.5	4767.9	4720.7	4579.1	4403.8	4208.2	4026.1	3884.5	3823.8	3810.3
15°	5004.0	5138.9	5152.3	5017.5	4761.2	4336.3	3925.0	3722.6	3648.5	3648.5	3641.7
17.5°	5570.5	5664.9	5610.9	5287.2	4714.0	4019.4	3722.6	3688.9	3709.2	3736.1	3736.1
20°	6163.9	6271.8	6049.3	5476.1	4424.0	3830.5	3742.9	3769.8	3817.1	3844.0	3837.3
22.5°	6872.0	6926.0	6494.4	5482.8	4113.8	3783.3	3783.3	3817.1	3850.8	3891.2	3891.2
25°	7600.4	7580.2	6905.8	5233.3	3938.4	3769.8	3756.4	3783.3	3796.8	3817.1	3810.3
27.5°	8416.4	8308.5	7222.7	4835.4	3884.5	3729.4	3661.9	3635.0	3648.5	3668.7	3675.4
30°	9353.8	9097.5	7479.0	4585.9	3864.3	3635.0	3473.1	3398.9	3385.4	3412.4	3412.4
32.5°	10439.6	9886.6	7634.1	4552.1	3844.0	3466.4	3250.6	3108.9	3082.0	3095.5	3129.2
35°	11552.3	10837.5	7593.6	4639.8	3850.8	3331.5	3014.5	2825.7	2798.7	2812.2	2845.9
37.5°	12719.0	11741.2	7438.5	4774.7	3796.8	3149.4	2798.7	2569.4	2529.0	2555.9	2569.4
40°	13622.7	12503.2	7054.1	4828.6	3702.4	2920.1	2549.2	2353.6	2245.7	2239.0	2272.7
42.5°	14458.9	13103.4	6636.0	4741.0	3506.8	2677.3	2292.9	2097.4	1928.8	1800.6	1800.6
45°	15295.2	13710.4	6211.1	4491.4	3183.1	2421.1	2023.2	1760.2	1564.6	1470.2	1476.9
47.5°	16131.4	14297.1	5705.3	4113.8	2859.4	2151.3	1733.2	1524.1	1389.2	1315.1	1315.1
50°	16907.0	14722.0	5057.9	3513.6	2488.5	1881.6	1530.9	1409.5	1308.3	1240.9	1227.4
52.5°	17588.1	15005.2	4181.2	2785.2	2083.9	1578.1	1423.0	1328.6	1254.4	1180.2	1160.0
55°	*17709.5*	*14816.4*	*3500.1*	*2239.0*	*1719.7*	*1416.2*	*1342.0*	*1261.1*	*1160.0*	*1126.2*	*1106.0*
57.5°	16960.9	13818.3	2953.8	1888.3	1470.2	1301.6	1274.6	1180.2	1099.3	1065.5	1045.3
60°	15686.3	12004.2	2441.3	1618.5	1308.3	1193.7	1227.4	1133.0	1004.8	984.6	964.4
62.5°	13393.4	9367.3	1949.0	1362.3	1186.9	1112.7	1146.5	1011.6	903.7	876.7	870.0
65°	10412.6	6703.4	1638.8	1200.4	1092.5	1031.8	1018.3	896.9	816.0	795.8	795.8
67.5°	7269.9	4262.2	1369.0	1099.3	971.1	930.7	923.9	843.0	789.0	768.8	768.8
70°	4451.0	2582.9	1153.2	1004.8	856.5	782.3	829.5	816.0	735.1	714.9	708.1
72.5°	2313.2	1544.4	1011.6	923.9	721.6	667.6	741.8	748.6	681.1	708.1	701.4
75°	1342.0	1072.3	883.5	816.0	573.2	559.7	647.4	714.9	660.9	681.1	667.6
77.5°	768.8	687.9	681.1	667.6	451.8	458.6	580.0	640.7	566.5	586.7	539.5
80°	424.9	445.1	472.1	418.1	317.0	357.4	465.3	512.5	431.6	424.9	391.1
82.5°	222.5	276.5	317.0	269.8	182.1	215.8	317.0	317.0	276.5	263.0	256.3
85°	101.2	114.6	148.4	134.9	67.4	80.9	148.4	161.9	141.6	128.1	121.4
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	13.5	20.2	6.7	6.7	6.7
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

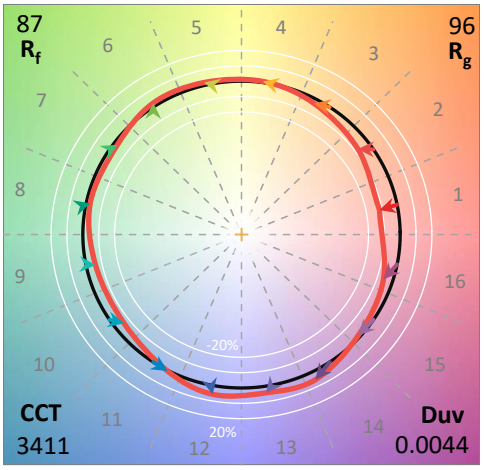
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

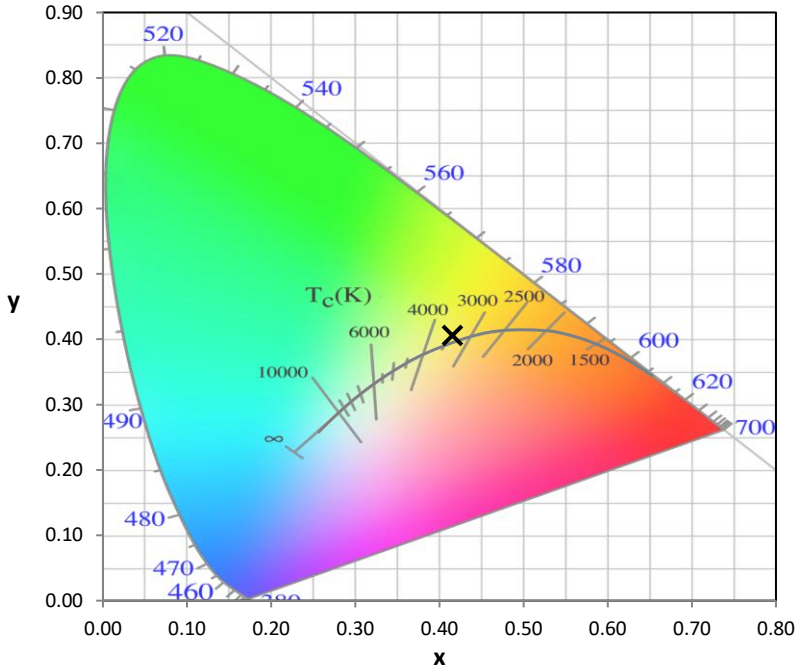
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

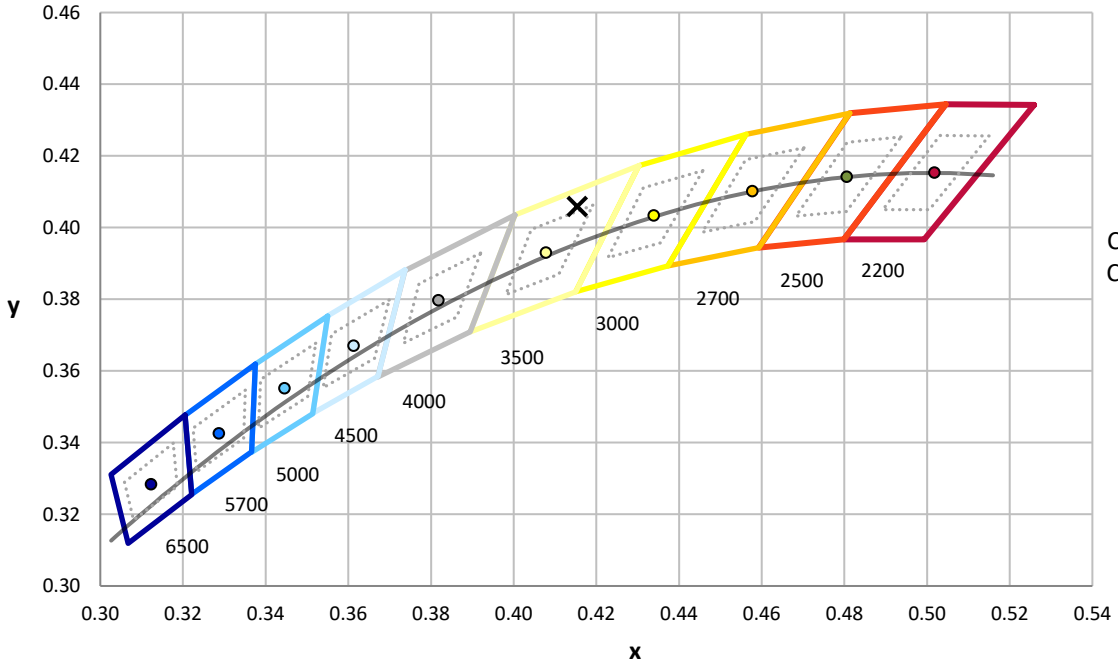
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

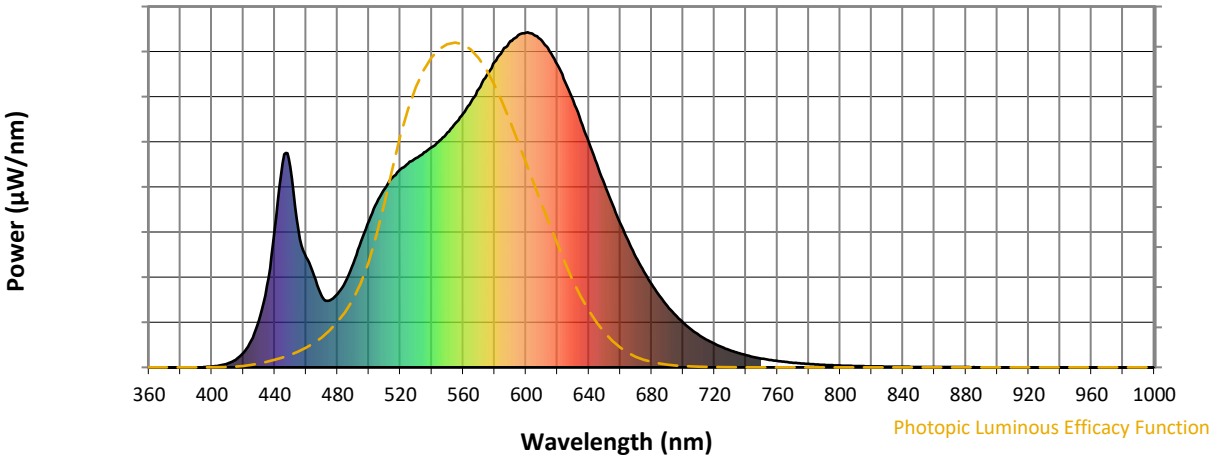


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

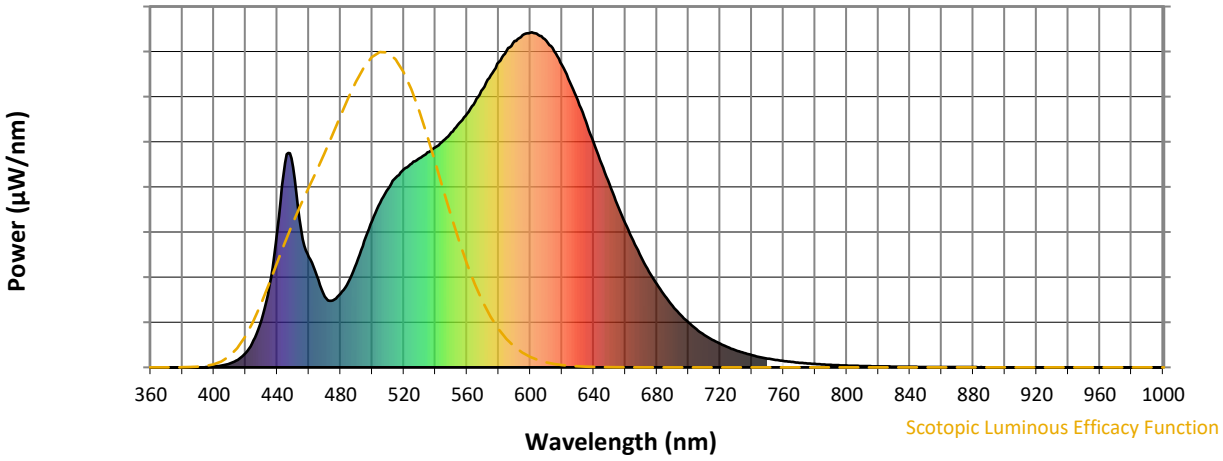


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

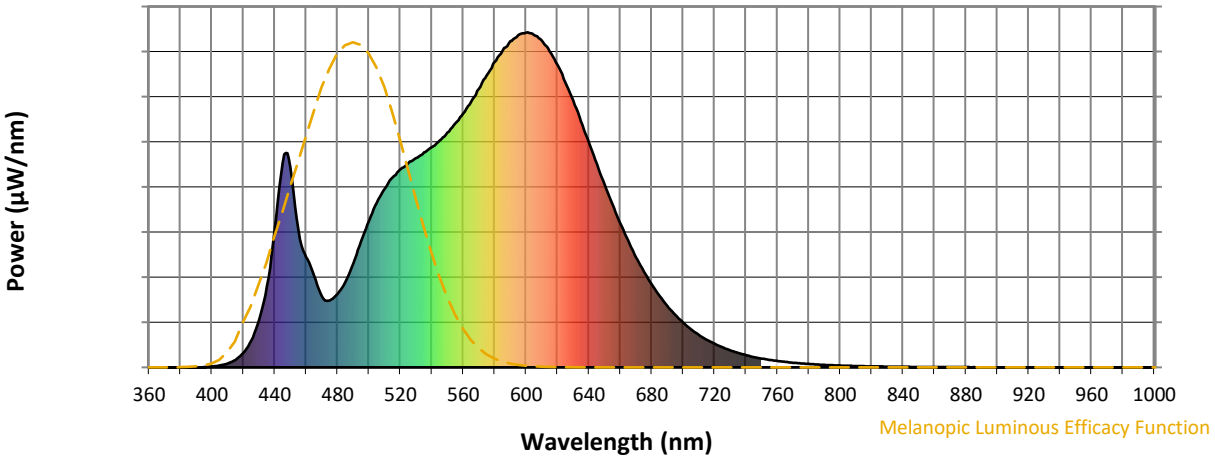


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

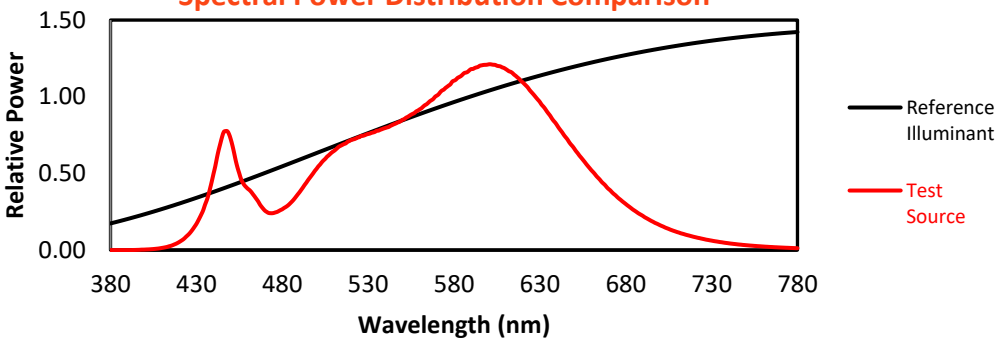
REPORT NUMBER: SP1-2407-184-10

TM-30-18

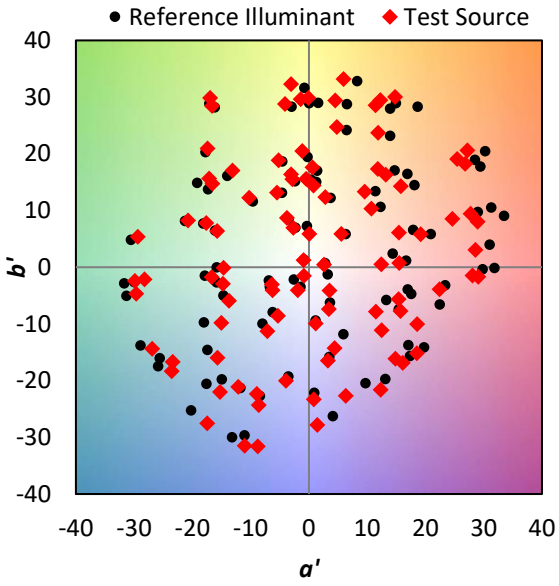
Summary

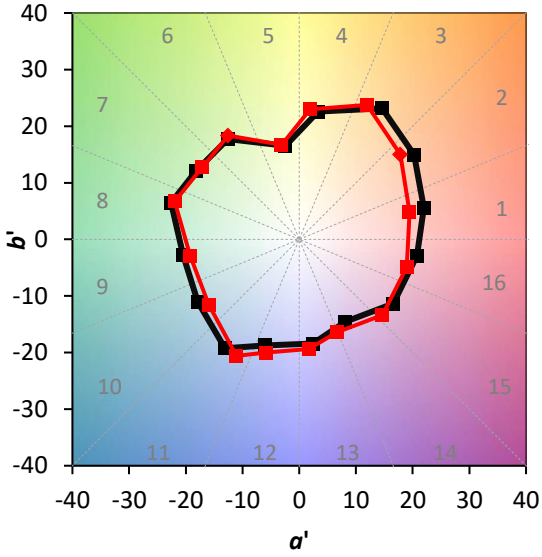
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

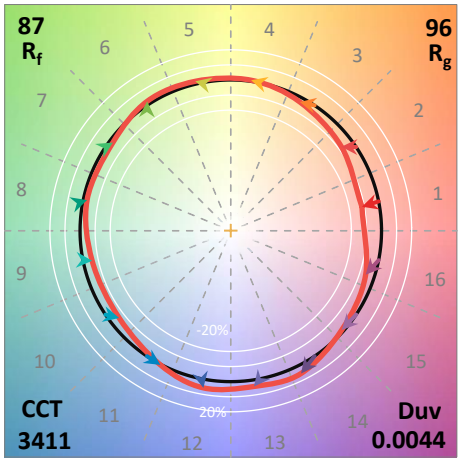
Spectral Power Distribution Comparison

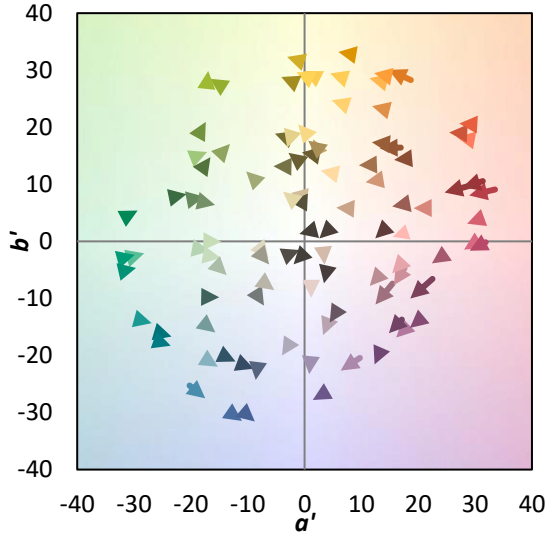


Color Vector Graphics







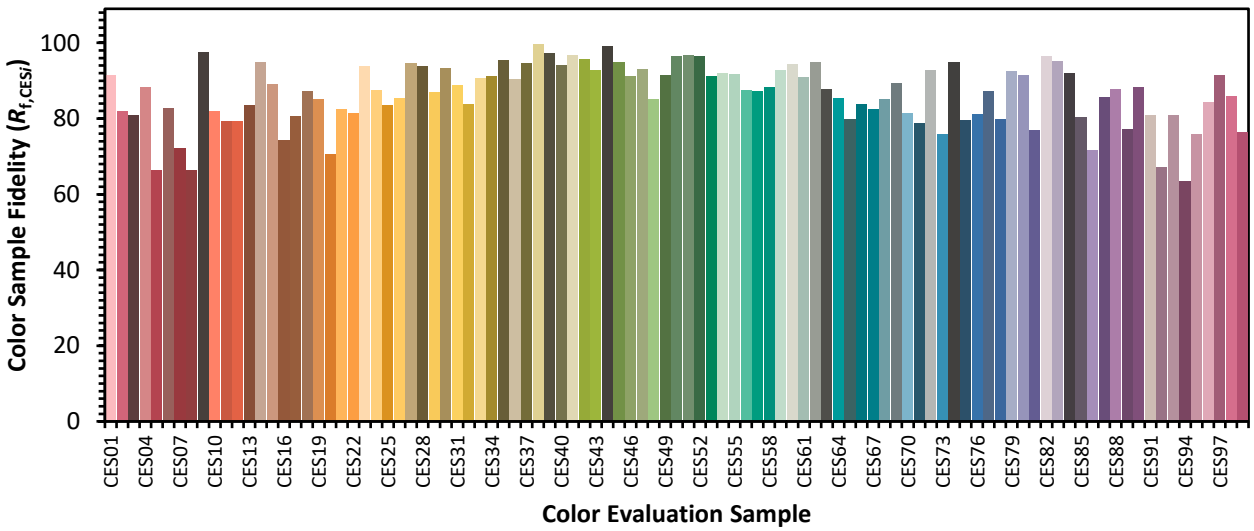


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

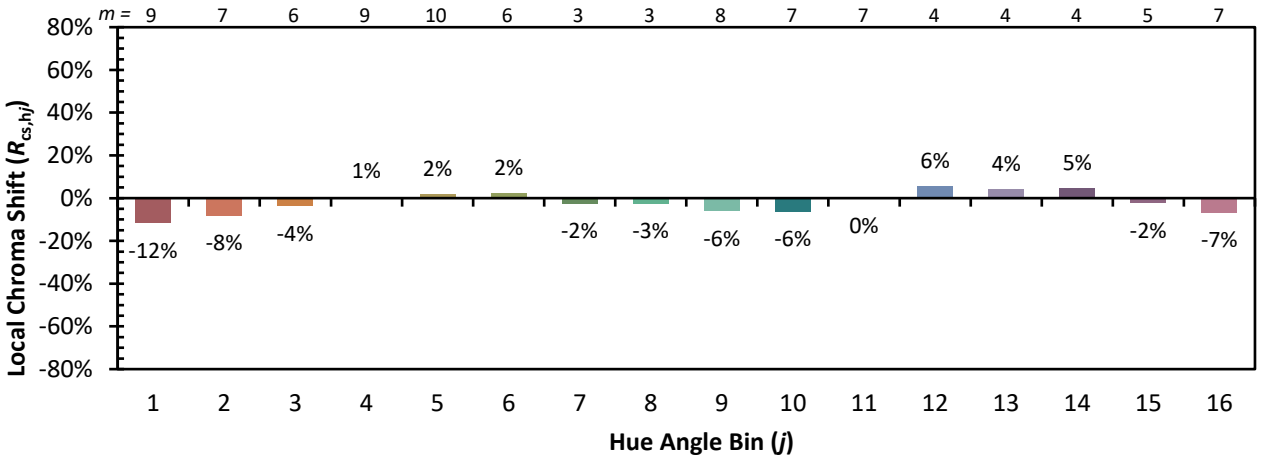
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

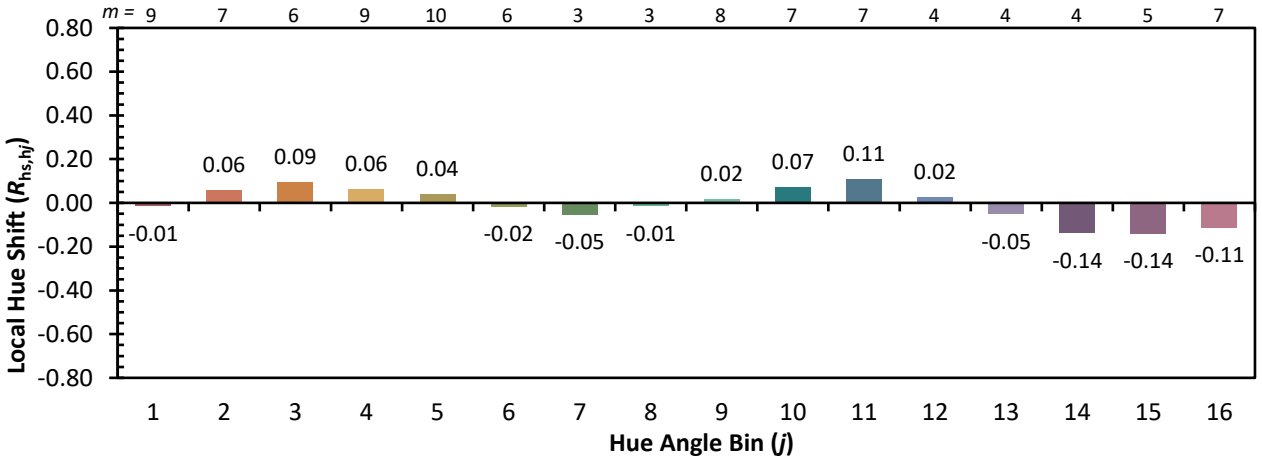


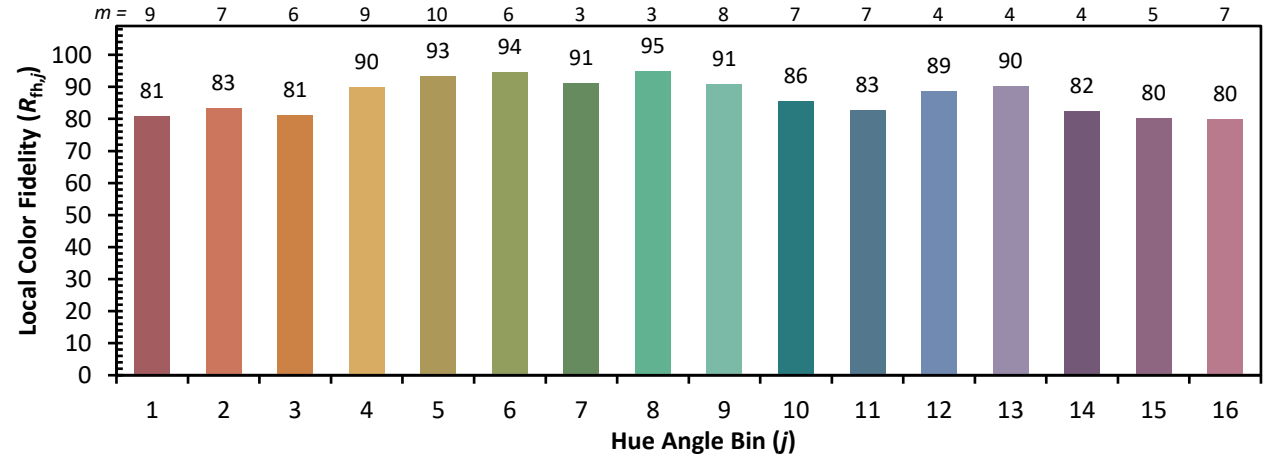
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



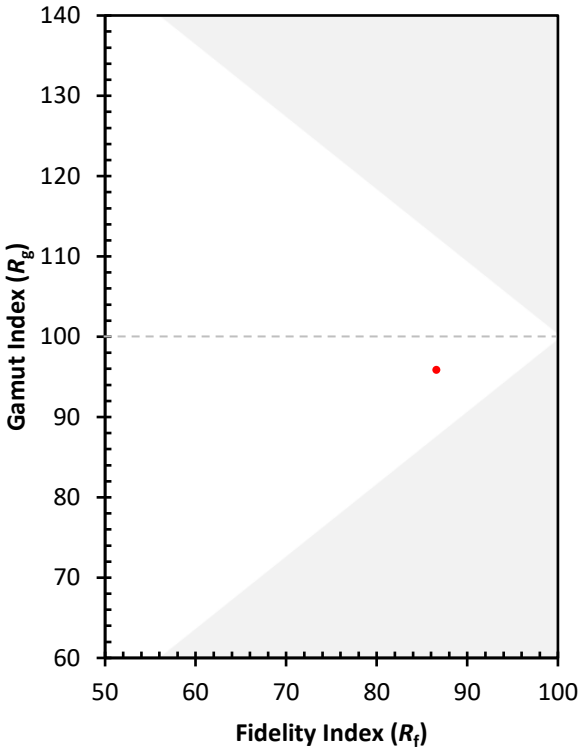


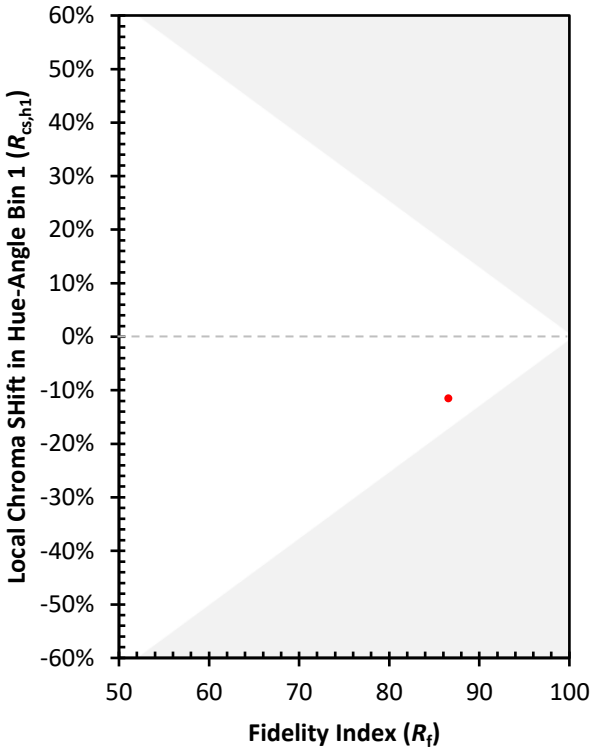


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





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