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: P1501220

Luminaire Tested: GSS-SB4D-850-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:	P1501220
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-850-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31279 lumens
Efficiency:	N/A
Efficacy:	131.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

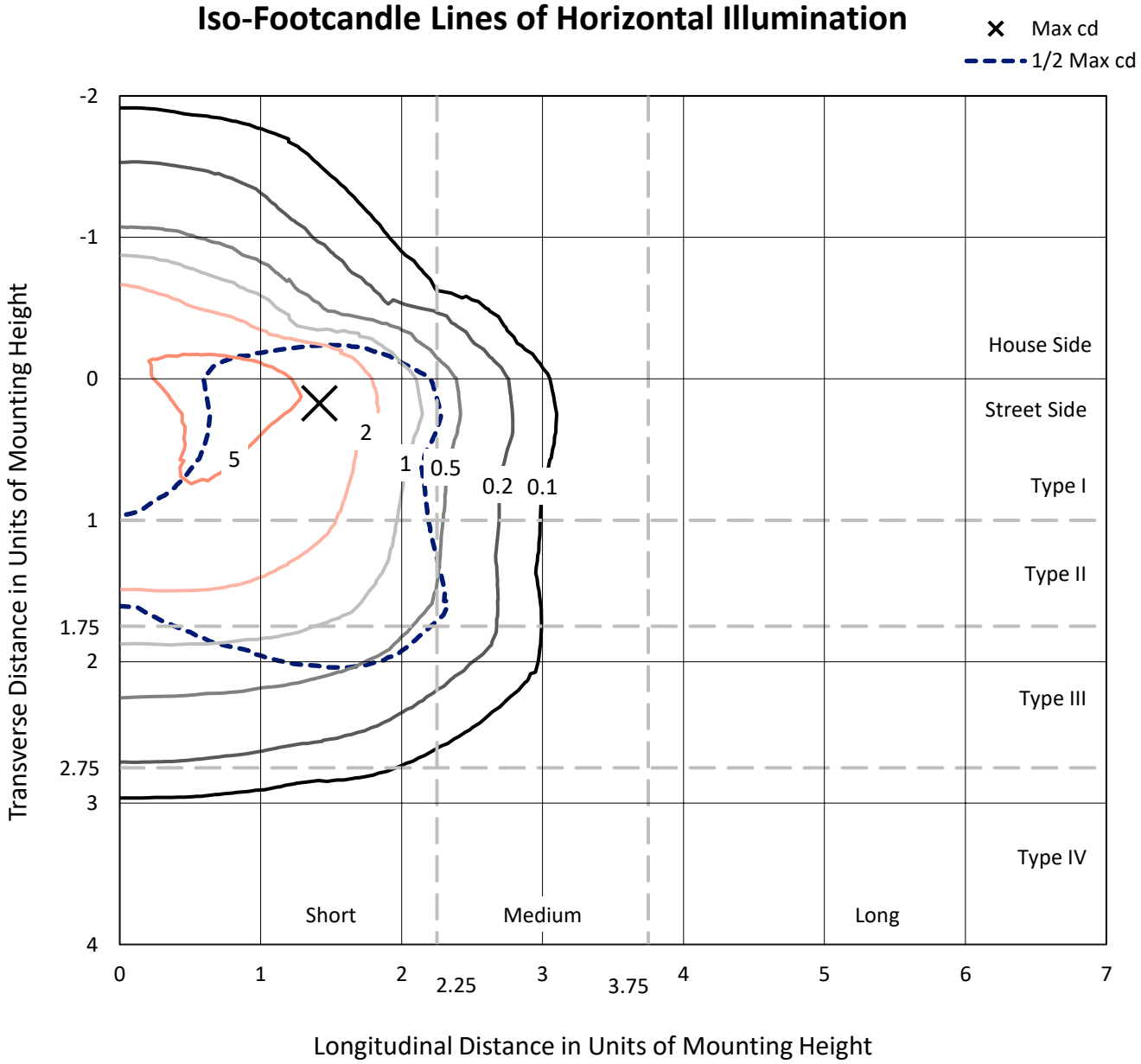
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501220
CATALOG NUMBER: GSS-SB4D-850-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



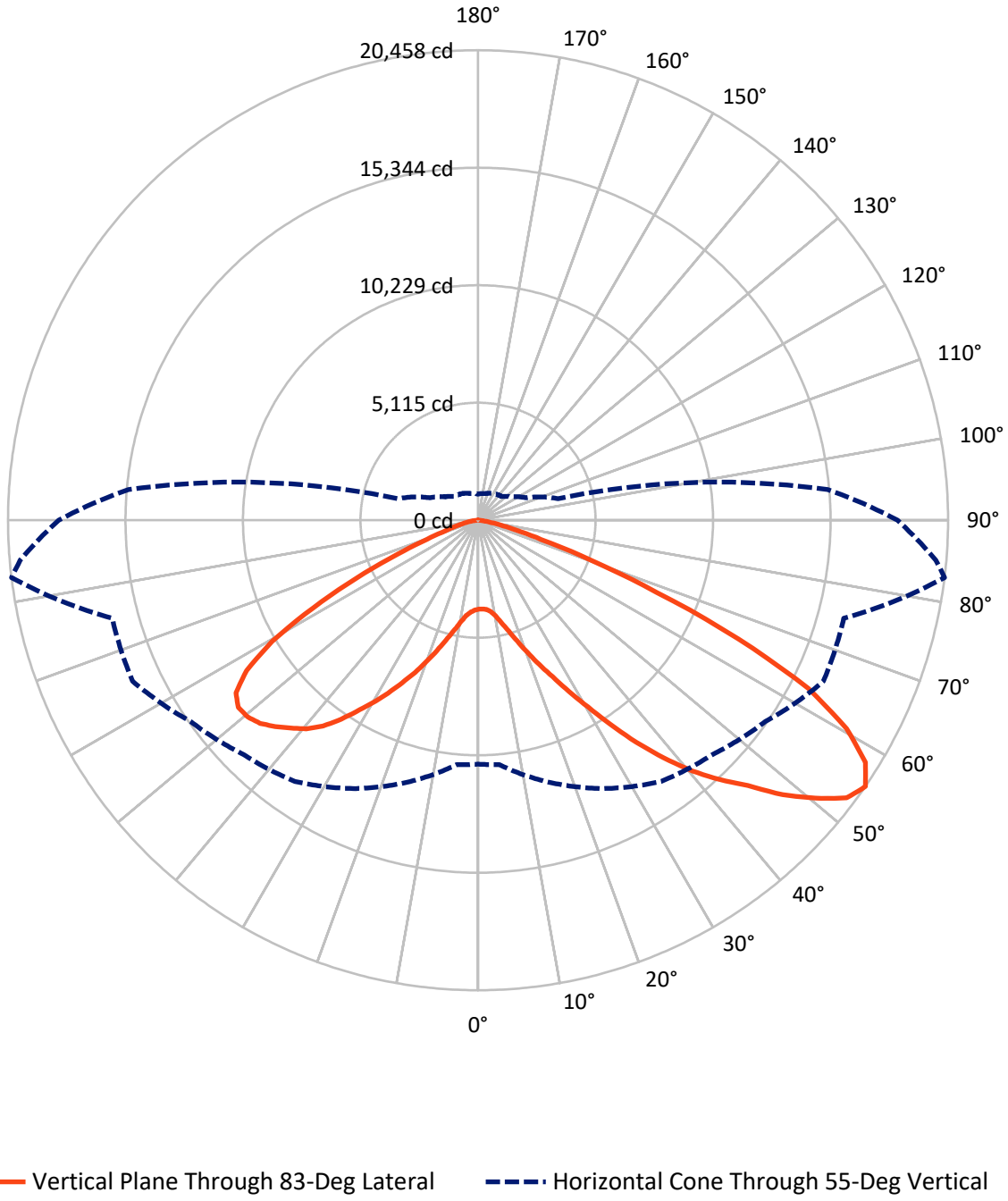
Based on 30 foot mounting height. Maximum calculated value = 7.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1501220
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Luminous Intensity Polar Plot



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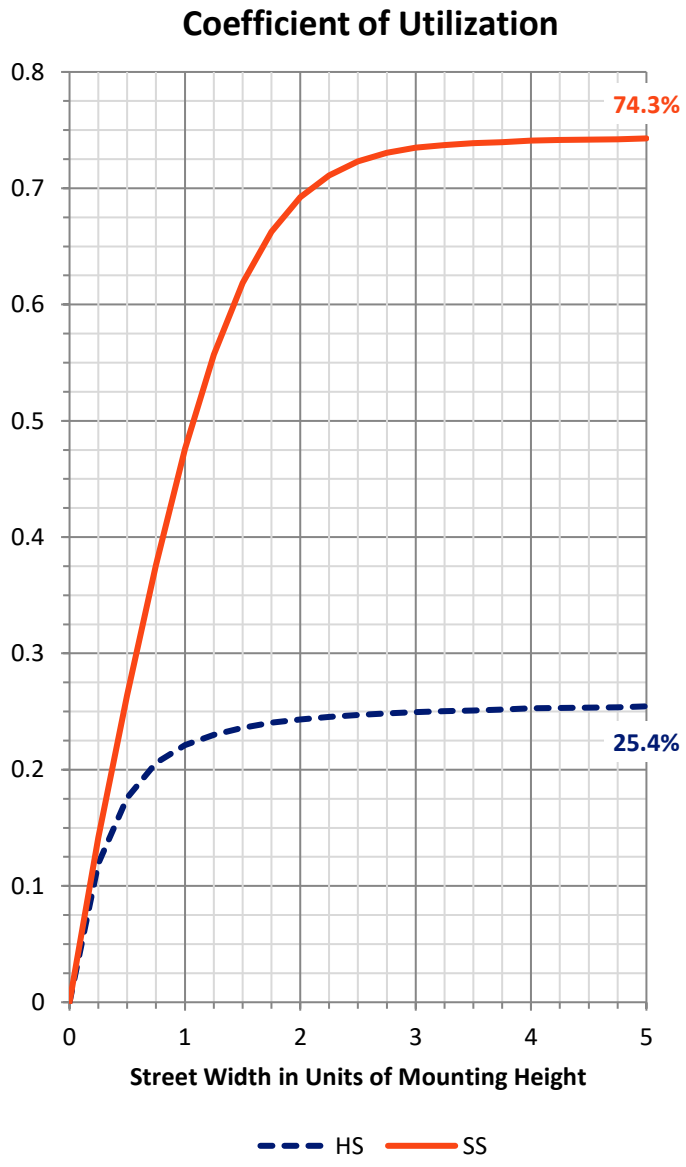
REPORT NUMBER: P1501220
CATALOG NUMBER: GSS-SB4D-850-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8026.8	0.0	8026.8
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	23252.1	0.0	23252.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	31279.0	0.0	31279.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	374.1	1.2
10°-20°	1218.8	3.9
20°-30°	2440.0	7.8
30°-40°	4341.1	13.9
40°-50°	6541.8	20.9
50°-60°	7971.6	25.5
60°-70°	6446.2	20.6
70°-80°	1765.6	5.6
80°-90°	179.8	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°	31279.0	100.0
0°-180°	31279.0	100.0



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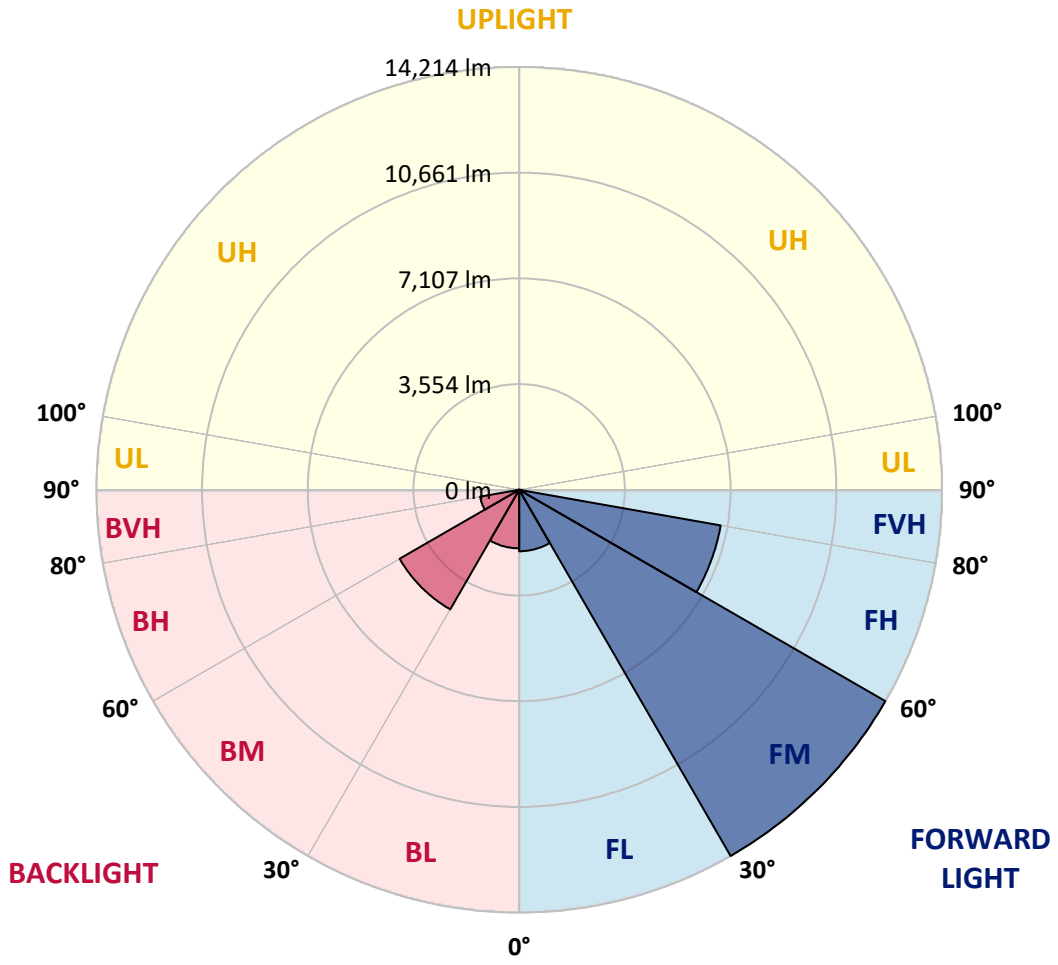
Scaled Data Report

REPORT NUMBER: P1501220
CATALOG NUMBER: GSS-SB4D-850-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2065.3	6.6			
FM	(30°-60°)	14214.1	45.4			
FH	(60°-80°)	6879.1	22.0			G3/7500
FVH	(80°-90°)	93.7	0.3			G1/100
BL	(0°-30°)	1967.6	6.3	B3/2500		
BM	(30°-60°)	4640.4	14.8	B3/5000		
BH	(60°-80°)	1332.7	4.3	B3/2500		G3/2500
BVH	(80°-90°)	86.2	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°	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	*3872.0*	3872.0
2.5°	3760.8	3753.8	3746.9	3739.9	3753.8	3774.7	3795.5	3809.4	3844.2	*3872.0*	3858.1
5°	3461.9	3448.0	3461.9	3517.5	3566.1	3649.6	3733.0	3788.6	3865.1	*3899.8*	3913.7
7.5°	3197.7	3183.8	3197.7	3267.2	3350.6	3482.7	3656.5	3795.5	3934.6	*4018.0*	4031.9
10°	3197.7	3204.7	3204.7	3232.5	3274.2	3406.3	3614.8	3879.0	4122.3	*4240.4*	4268.2
12.5°	3302.0	3302.0	3302.0	3336.7	3364.5	3468.8	3705.2	4031.9	4421.2	*4595.0*	4615.8
15°	3441.0	3434.1	3454.9	3475.8	3524.4	3628.7	3865.1	4254.3	4747.9	*5012.1*	5039.9
17.5°	3635.7	3621.7	3642.6	3691.3	3760.8	3879.0	4115.3	4560.2	5199.7	*5533.4*	5575.1
20°	3851.2	3844.2	3885.9	3962.4	4059.7	4205.7	4476.8	4928.6	5714.2	*6138.2*	6214.7
22.5°	4108.4	4094.5	4170.9	4310.0	4442.0	4608.9	4935.6	5408.3	6305.0	*6812.5*	6889.0
25°	4400.3	4400.3	4504.6	4671.4	4873.0	5171.9	5498.7	6020.0	7000.2	*7542.4*	7660.6
27.5°	4880.0	4914.7	4956.4	5130.2	5415.2	5818.4	6166.0	6756.9	7757.9	*8439.2*	8480.9
30°	5658.5	5644.6	5714.2	5832.3	6068.7	6492.7	7014.1	7646.7	8717.2	*9433.2*	9537.5
32.5°	6360.7	6381.5	6478.8	6701.3	6986.3	7347.8	7973.4	8752.0	9760.0	*10587.2*	10635.8
35°	7069.7	7083.6	7271.3	7605.0	8029.0	8432.2	9113.5	9878.1	10893.1	*11873.2*	12005.3
37.5°	8063.8	8049.9	8237.6	8522.6	9092.6	9718.2	10267.4	10997.3	11977.5	*13124.5*	13277.4
40°	8807.6	8884.1	9238.6	9600.1	10135.3	10781.8	11247.6	11935.8	12867.3	*14348.0*	14487.0
42.5°	9572.3	9634.8	10107.5	10649.8	11212.8	11650.8	12012.3	12651.8	13576.3	*15432.4*	15508.9
45°	10204.9	10288.3	10830.5	11518.7	12102.6	12547.5	12672.6	13270.5	14299.3	*16475.1*	16593.3
47.5°	10608.0	10698.4	11338.0	12144.3	12742.2	13214.9	13173.2	14014.3	15070.9	*17858.5*	17816.8
50°	10886.1	10941.7	11636.9	12498.9	13277.4	13590.3	13771.0	14855.4	15863.4	*19019.4*	18866.5
52.5°	11087.7	11178.1	11810.7	12756.1	13576.3	13986.5	14473.1	15828.6	16412.6	*20083.0*	19742.4
55°	*10615.0*	*10684.5*	*11796.8*	*12888.1*	*13882.2*	*14424.4*	*15272.5*	*16586.4*	*16482.1*	*20458.4*	*19999.6*
57.5°	10128.4	10184.0	11212.8	12853.4	14215.9	14966.7	16183.2	16683.7	15863.4	*19881.4*	19304.4
60°	9516.7	9558.4	10587.2	12485.0	14222.8	15390.7	16648.9	15974.6	14716.4	*18428.5*	17879.3
62.5°	8390.5	8390.5	9523.6	11490.9	13875.3	15606.2	16523.8	14633.0	13180.1	*16141.5*	15383.7
65°	7278.3	7229.6	7994.3	9718.2	12950.7	15550.6	15585.3	12936.8	10795.7	*12450.2*	11859.3
67.5°	6068.7	6075.6	6527.5	7890.0	10489.9	14389.7	13604.2	9996.3	7521.6	*8383.6*	8077.7
70°	4108.4	4212.6	4671.4	5728.1	7910.8	10197.9	10830.5	6770.8	4692.3	*5206.7*	4956.4
72.5°	1564.1	1584.9	2120.2	3003.1	4998.2	6131.3	7556.3	3788.6	2745.9	*2871.0*	2884.9
75°	660.4	688.2	903.7	1265.2	2217.5	3343.7	3976.3	1918.6	1668.4	*1717.0*	1703.1
77.5°	444.9	458.8	549.2	681.3	1001.0	1341.6	1661.4	1084.4	1021.9	*959.3*	931.5
80°	333.7	333.7	396.2	458.8	563.1	688.2	723.0	549.2	611.7	*507.5*	493.6
82.5°	215.5	229.4	250.3	271.1	319.8	340.6	292.0	298.9	354.5	*264.2*	250.3
85°	104.3	111.2	118.2	125.1	125.1	118.2	104.3	132.1	180.7	*111.2*	104.3
87.5°	13.9	13.9	13.9	13.9	13.9	13.9	7.0	7.0	7.0	*7.0*	7.0
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: P1501220
CATALOG NUMBER: GSS-SB4D-850-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0	3872.0
2.5°	3879.0	3906.8	3927.6	3941.5	3976.3	3969.3	3990.2	4004.1	4018.0	4038.8	4011.0
5°	3948.5	3997.1	4052.7	4094.5	4136.2	4157.0	4164.0	4177.9	4184.8	4198.7	4191.8
7.5°	4101.4	4157.0	4240.4	4282.1	4316.9	4316.9	4296.0	4289.1	4268.2	4282.1	4282.1
10°	4358.6	4442.0	4532.4	4539.4	4497.6	4449.0	4372.5	4330.8	4275.2	4261.3	4247.4
12.5°	4734.0	4845.2	4914.7	4866.1	4720.1	4539.4	4337.8	4150.1	4004.1	3941.5	3927.6
15°	5158.0	5297.1	5311.0	5171.9	4907.8	4469.8	4045.8	3837.2	3760.8	3760.8	3753.8
17.5°	5742.0	5839.3	5783.7	5450.0	4859.1	4143.1	3837.2	3802.5	3823.3	3851.2	3851.2
20°	6353.7	6464.9	6235.5	5644.6	4560.2	3948.5	3858.1	3885.9	3934.6	3962.4	3955.4
22.5°	7083.6	7139.2	6694.3	5651.6	4240.4	3899.8	3899.8	3934.6	3969.3	4011.0	4011.0
25°	7834.4	7813.5	7118.4	5394.4	4059.7	3885.9	3872.0	3899.8	3913.7	3934.6	3927.6
27.5°	8675.5	8564.3	7445.1	4984.3	4004.1	3844.2	3774.7	3746.9	3760.8	3781.6	3788.6
30°	9641.8	9377.6	7709.3	4727.0	3983.2	3746.9	3580.0	3503.6	3489.7	3517.5	3517.5
32.5°	10761.0	10191.0	7869.1	4692.3	3962.4	3573.1	3350.6	3204.7	3176.9	3190.8	3225.5
35°	11908.0	11171.1	7827.4	4782.7	3969.3	3434.1	3107.3	2912.7	2884.9	2898.8	2933.5
37.5°	13110.6	12102.6	7667.5	4921.7	3913.7	3246.4	2884.9	2648.5	2606.8	2634.6	2648.5
40°	14042.1	12888.1	7271.3	4977.3	3816.4	3010.0	2627.7	2426.1	2314.9	2307.9	2342.7
42.5°	14904.1	13506.8	6840.3	4886.9	3614.8	2759.8	2363.5	2161.9	1988.1	1856.1	1856.1
45°	15766.1	14132.5	6402.4	4629.7	3281.1	2495.6	2085.5	1814.4	1612.8	1515.4	1522.4
47.5°	16628.1	14737.3	5881.0	4240.4	2947.5	2217.5	1786.5	1571.0	1432.0	1355.5	1355.5
50°	17427.5	15175.2	5213.7	3621.7	2565.1	1939.5	1578.0	1452.9	1348.6	1279.1	1265.2
52.5°	18129.6	15467.2	4310.0	2871.0	2148.0	1626.7	1466.8	1369.5	1293.0	1216.5	1195.7
55°	*18254.7*	*15272.5*	*3607.8*	*2307.9*	*1772.6*	*1459.8*	*1383.4*	*1299.9*	*1195.7*	*1160.9*	*1140.1*
57.5°	17483.1	14243.7	3044.8	1946.4	1515.4	1341.6	1313.8	1216.5	1133.1	1098.3	1077.5
60°	16169.3	12373.7	2516.5	1668.4	1348.6	1230.4	1265.2	1167.9	1035.8	1014.9	994.1
62.5°	13805.7	9655.7	2009.0	1404.2	1223.5	1147.0	1181.8	1042.7	931.5	903.7	896.7
65°	10733.2	6909.8	1689.2	1237.4	1126.1	1063.6	1049.7	924.6	841.1	820.3	820.3
67.5°	7493.8	4393.4	1411.2	1133.1	1001.0	959.3	952.4	868.9	813.3	792.5	792.5
70°	4588.0	2662.4	1188.7	1035.8	882.8	806.4	855.0	841.1	757.7	736.9	729.9
72.5°	2384.4	1591.9	1042.7	952.4	743.8	688.2	764.7	771.6	702.1	729.9	723.0
75°	1383.4	1105.3	910.7	841.1	590.9	577.0	667.3	736.9	681.3	702.1	688.2
77.5°	792.5	709.1	702.1	688.2	465.8	472.7	597.8	660.4	583.9	604.8	556.1
80°	437.9	458.8	486.6	431.0	326.7	368.4	479.7	528.3	444.9	437.9	403.2
82.5°	229.4	285.0	326.7	278.1	187.7	222.4	326.7	326.7	285.0	271.1	264.2
85°	104.3	118.2	152.9	139.0	69.5	83.4	152.9	166.8	146.0	132.1	125.1
87.5°	7.0	7.0	7.0	7.0	7.0	7.0	13.9	20.9	7.0	7.0	7.0
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

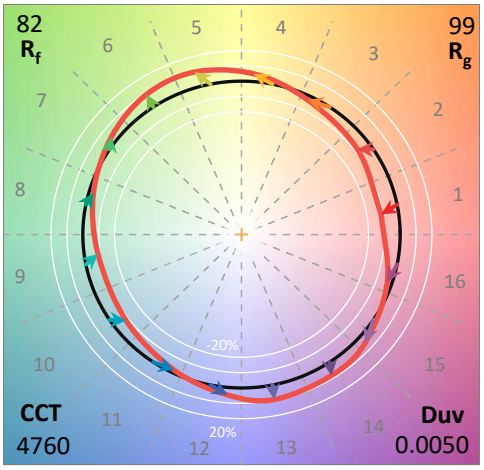
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

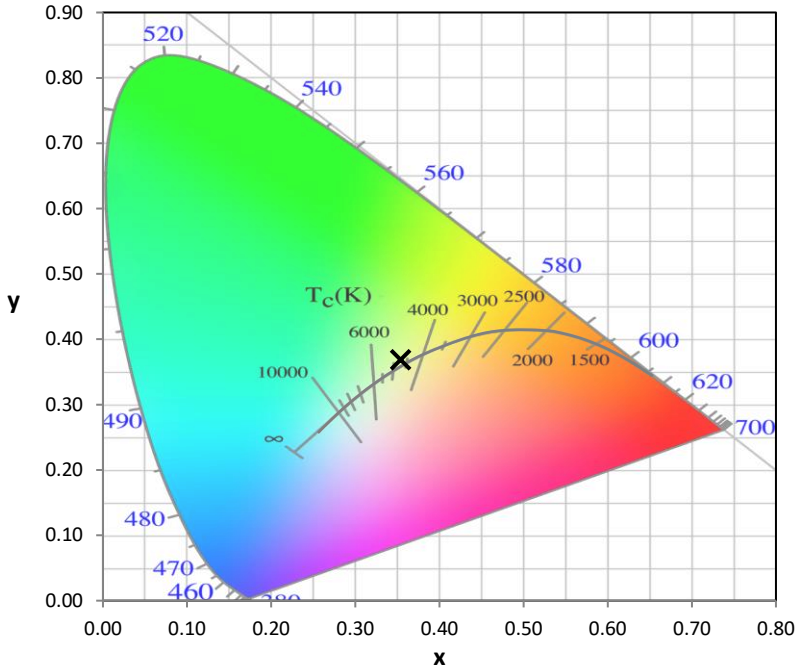
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

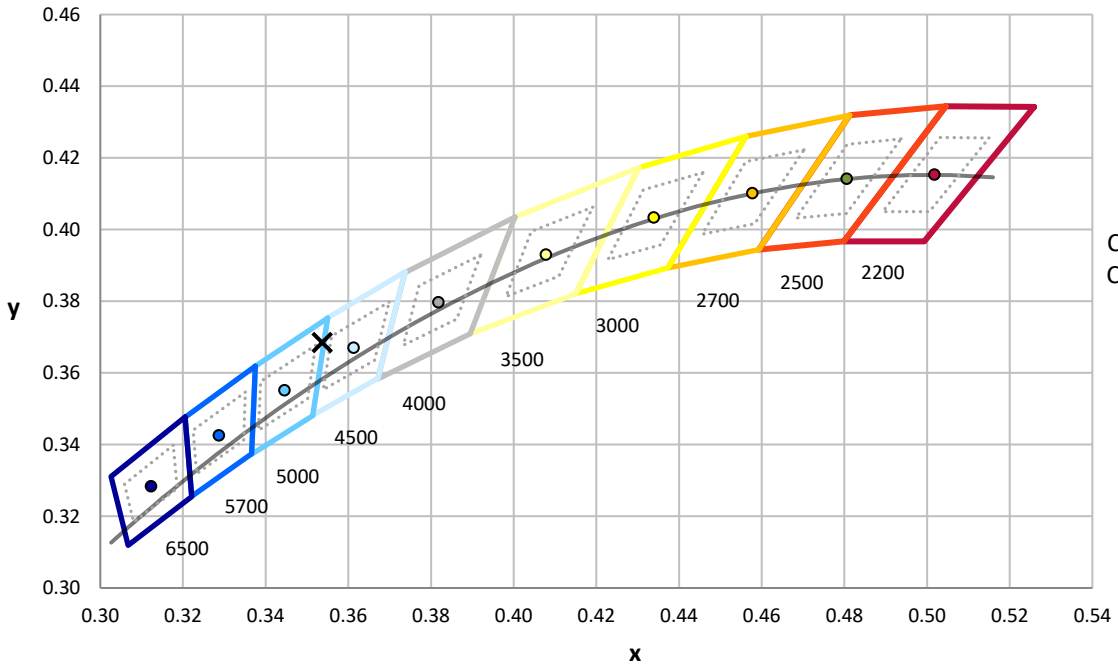
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

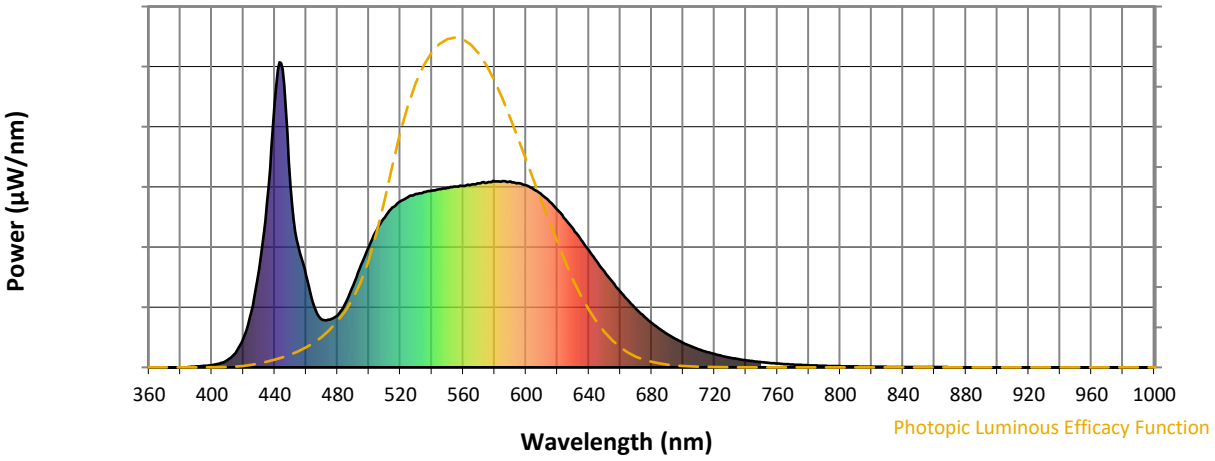


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

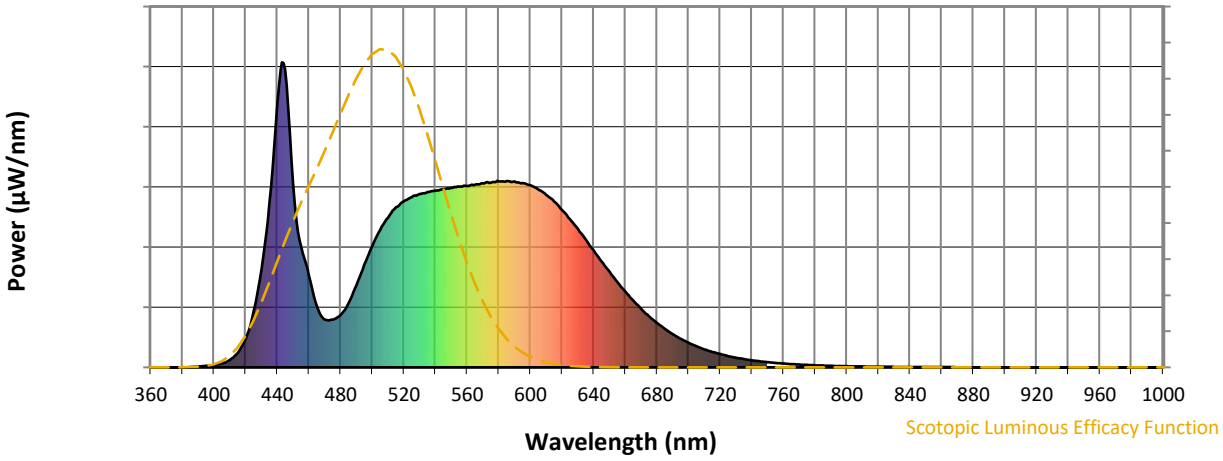


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength

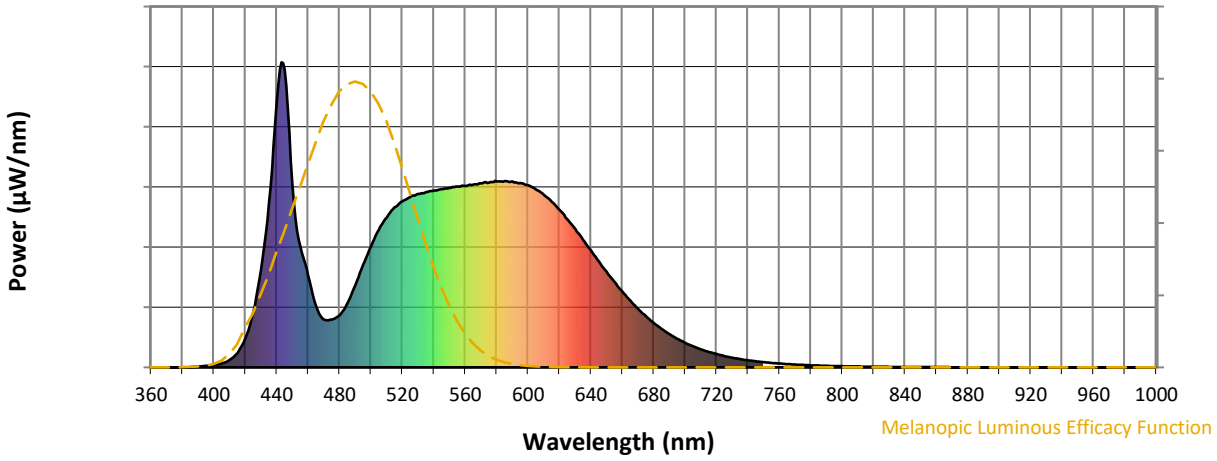


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

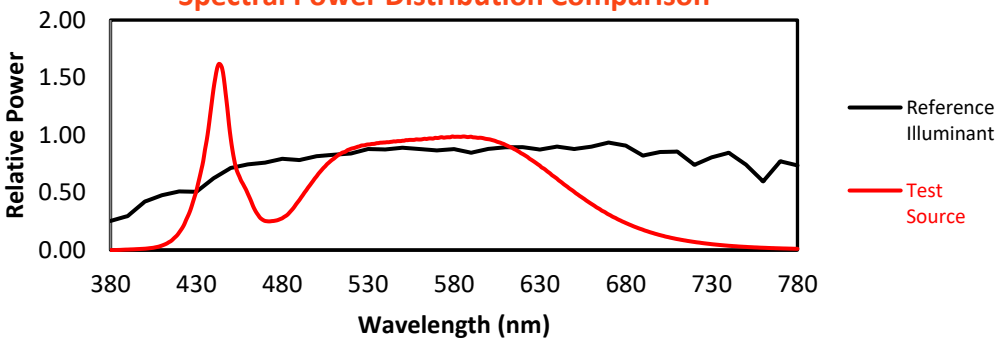
REPORT NUMBER: SP1-2407-184-12

TM-30-18

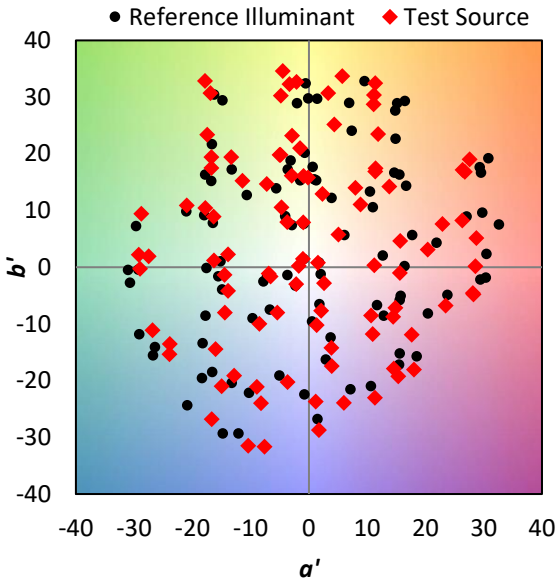
Summary

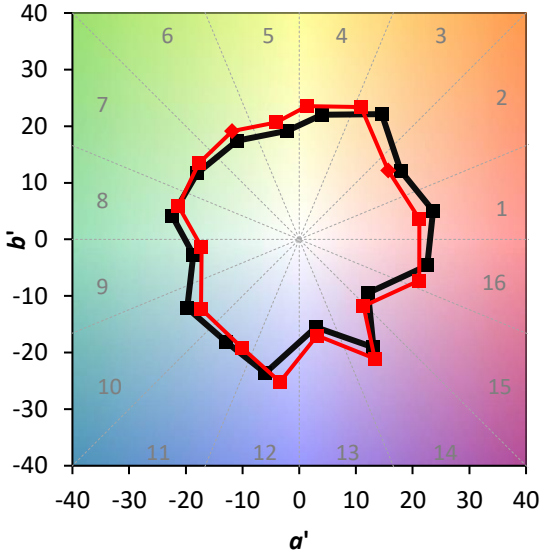
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

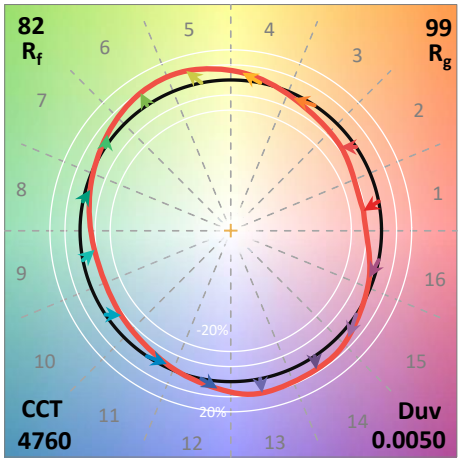
Spectral Power Distribution Comparison

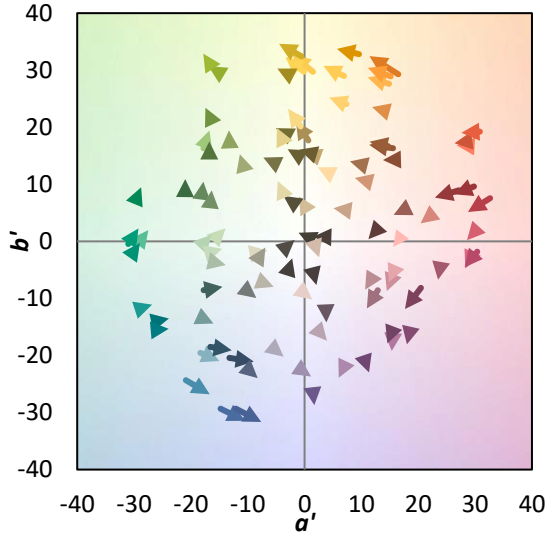


Color Vector Graphics







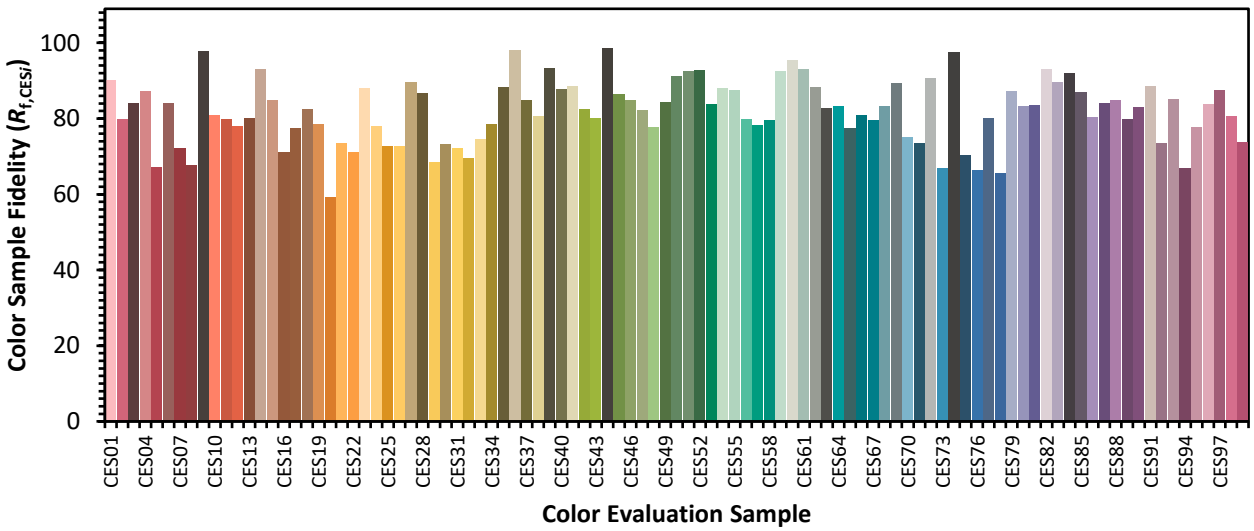


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

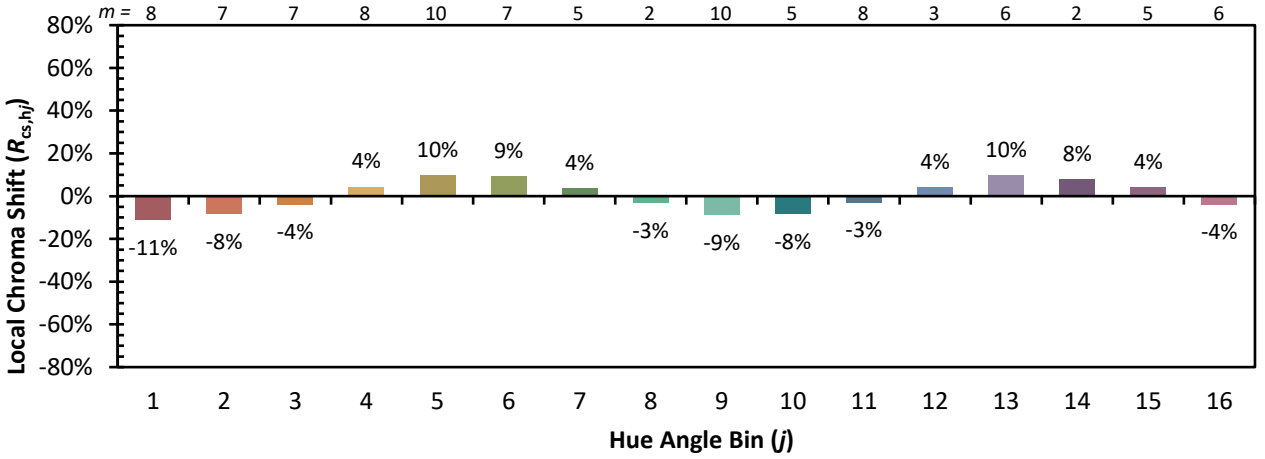
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

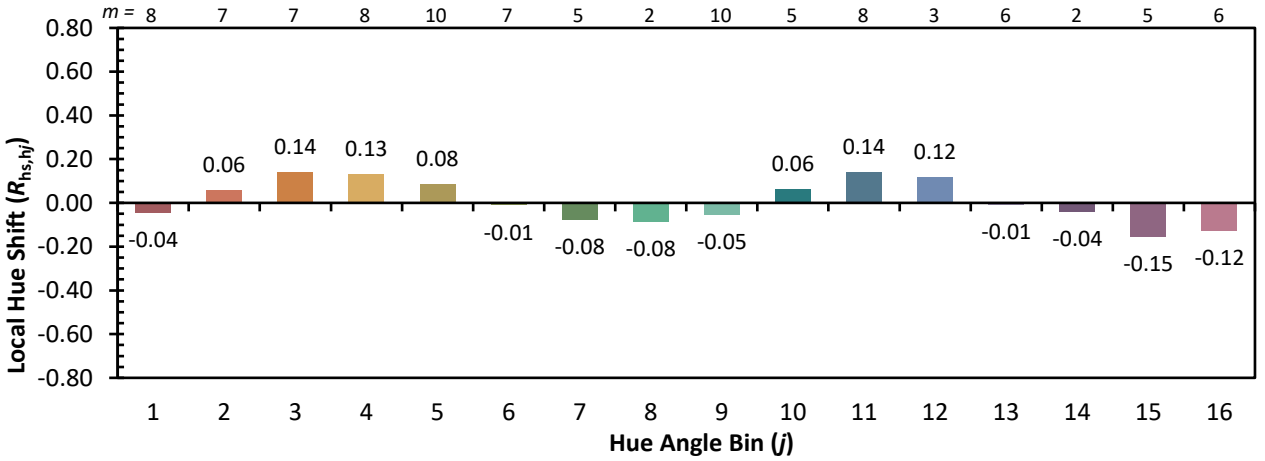


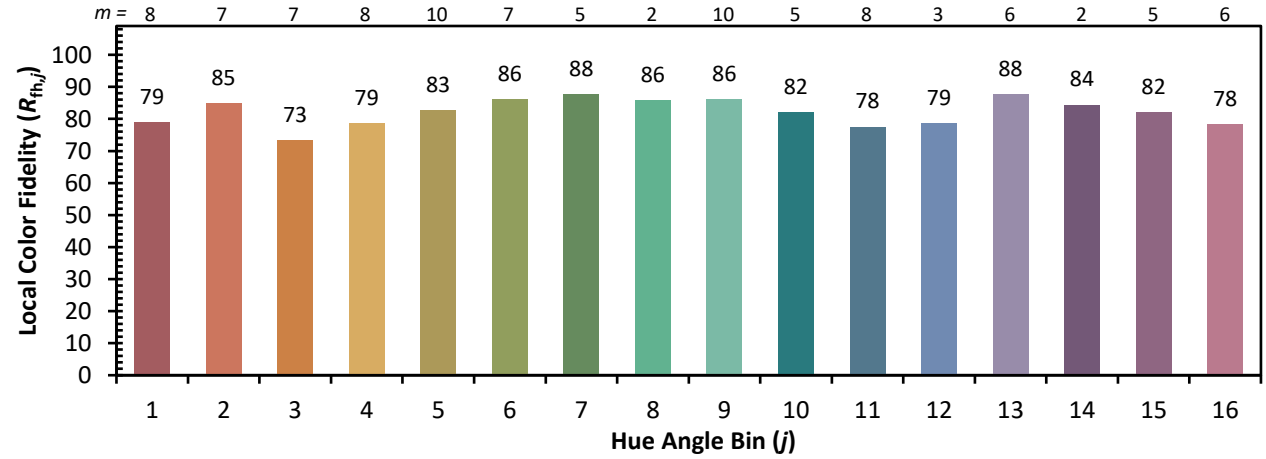
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



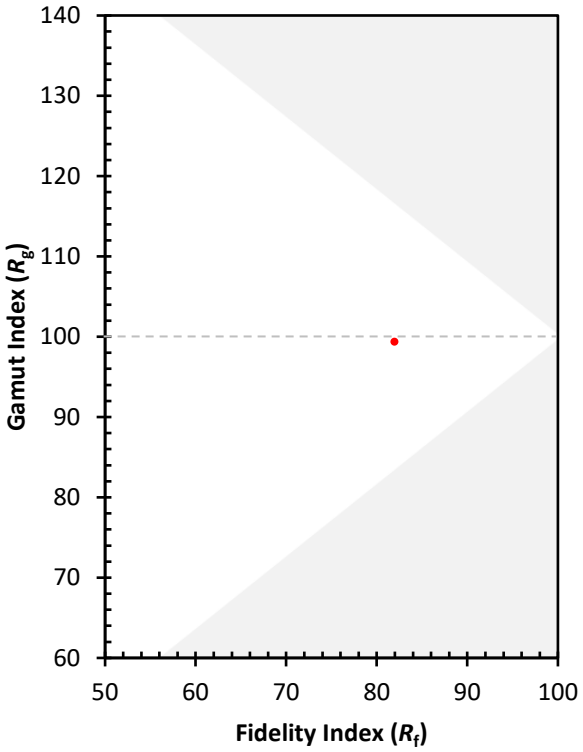


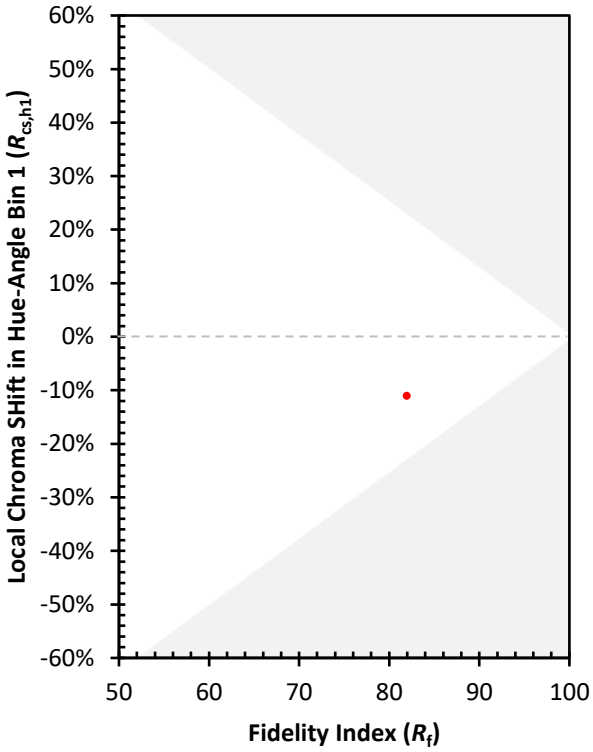


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





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