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: P1501124

Luminaire Tested: GSS-SB4D-827-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:	P1501124
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-827-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28441.7 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

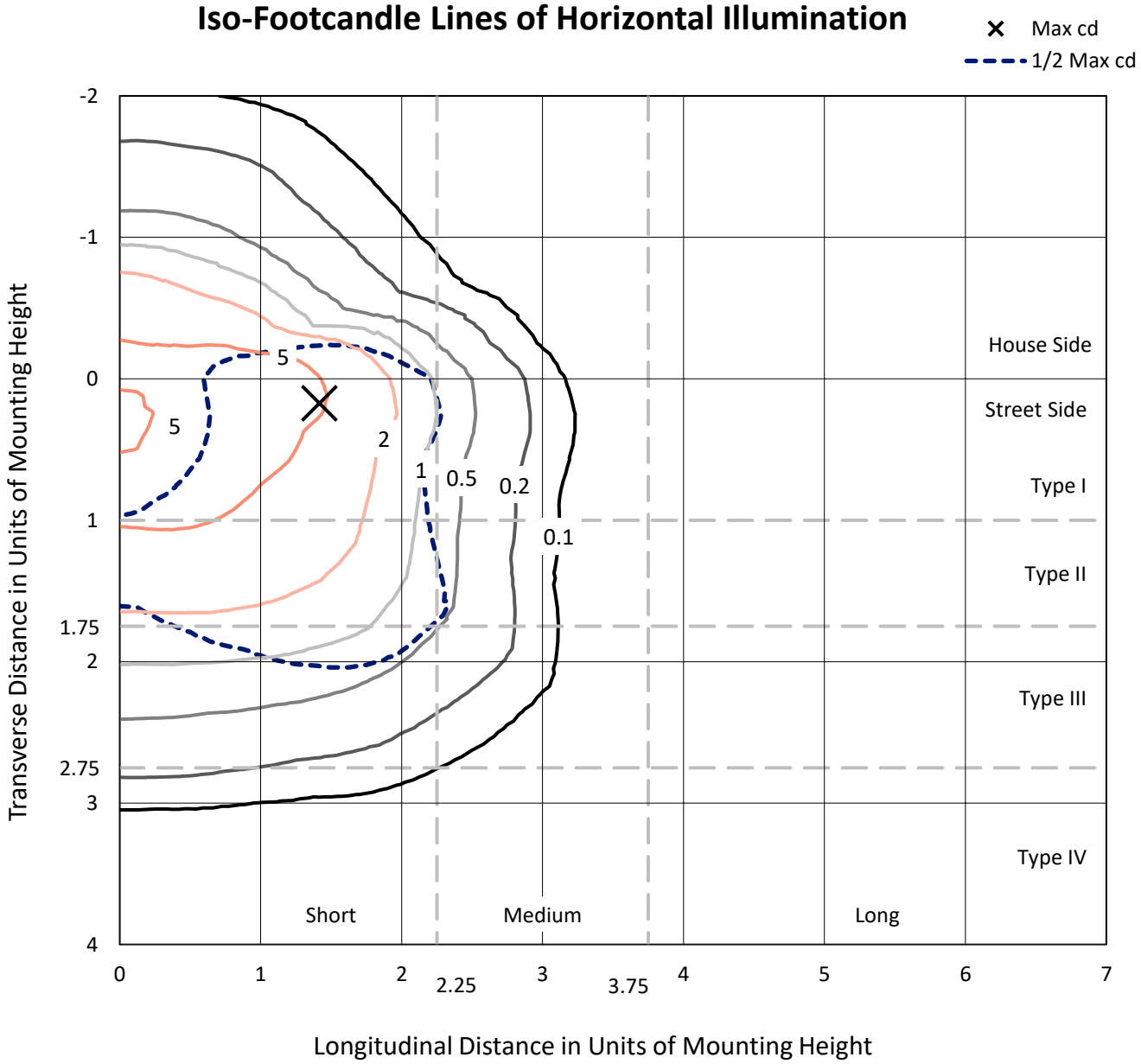
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501124
CATALOG NUMBER: GSS-SB4D-827-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



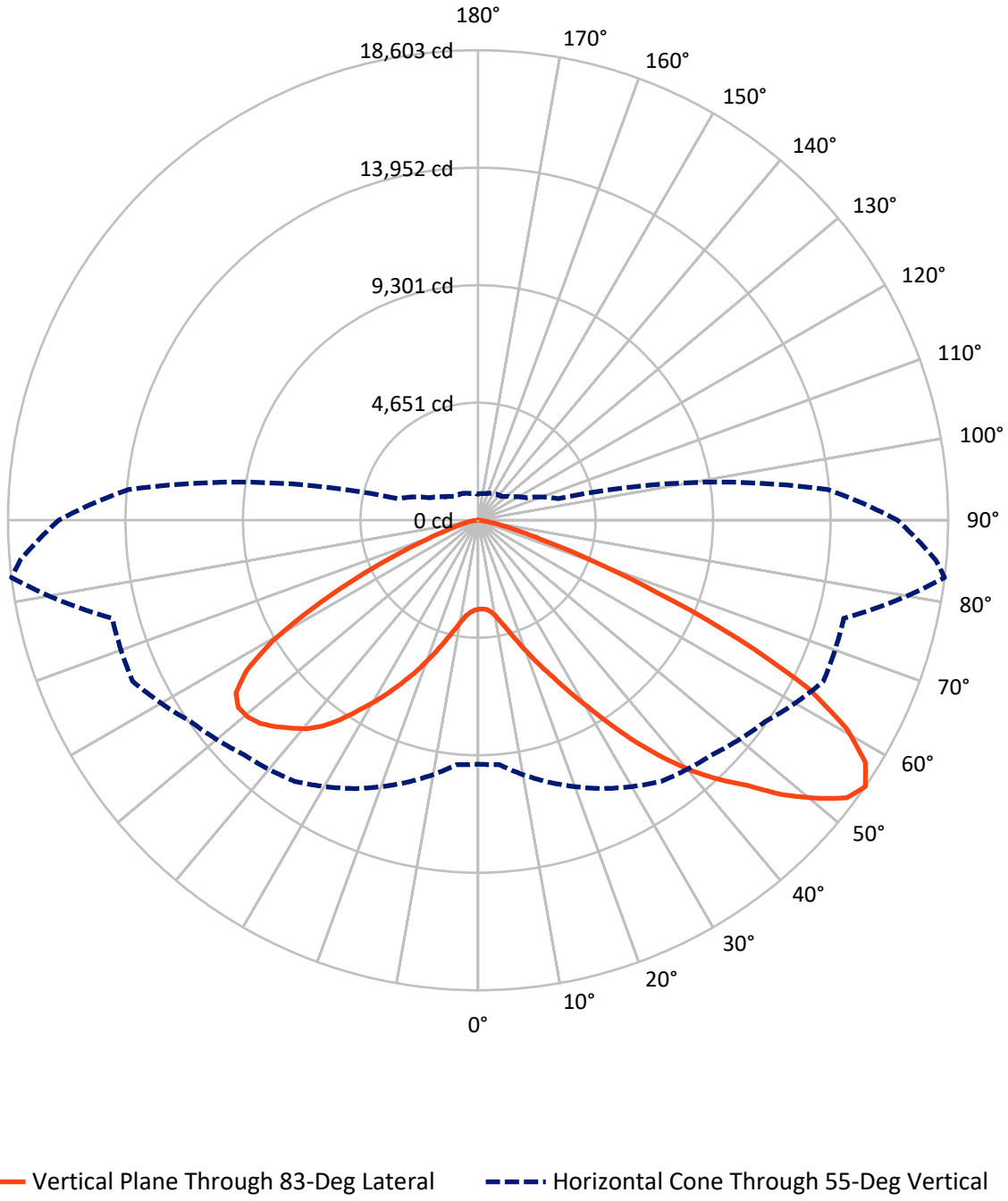
Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501124
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Luminous Intensity Polar Plot



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Scaled Data Report

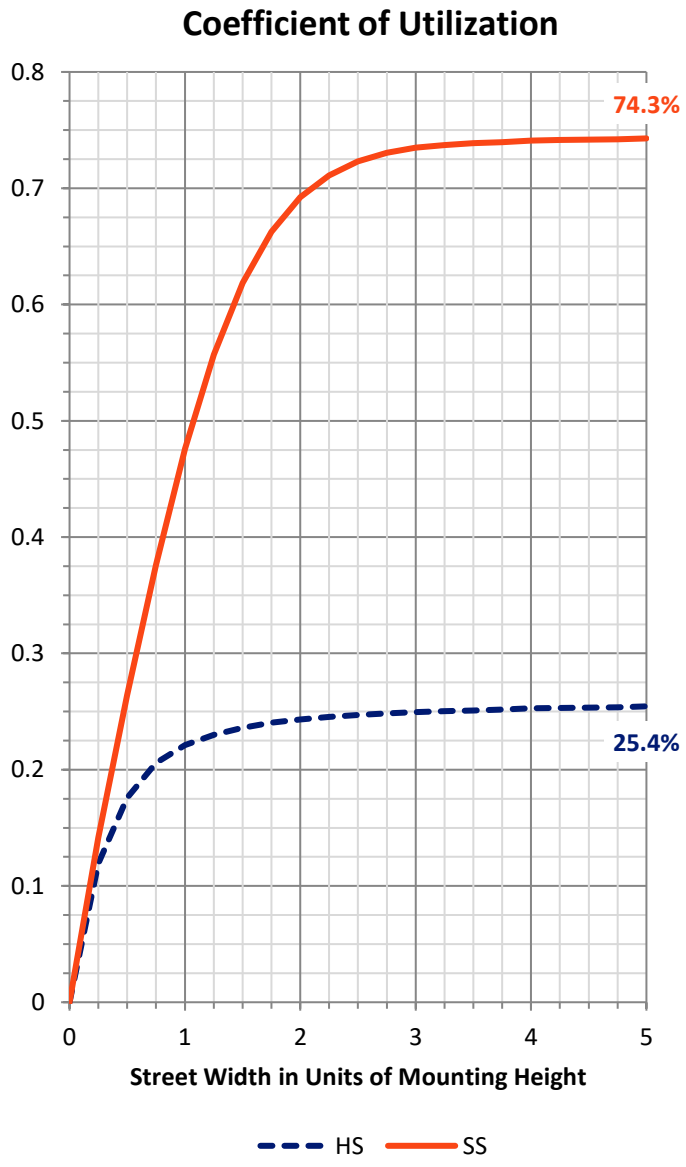
REPORT NUMBER: P1501124
CATALOG NUMBER: GSS-SB4D-827-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7298.7	0.0	7298.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	21143.0	0.0	21143.0
	% Fixture	74.3	0.0	74.3
Total	Lumens	28441.7	0.0	28441.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	340.2	1.2
10°-20°	1108.2	3.9
20°-30°	2218.6	7.8
30°-40°	3947.3	13.9
40°-50°	5948.4	20.9
50°-60°	7248.5	25.5
60°-70°	5861.5	20.6
70°-80°	1605.4	5.6
80°-90°	163.5	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°	28441.7	100.0
0°-180°	28441.7	100.0



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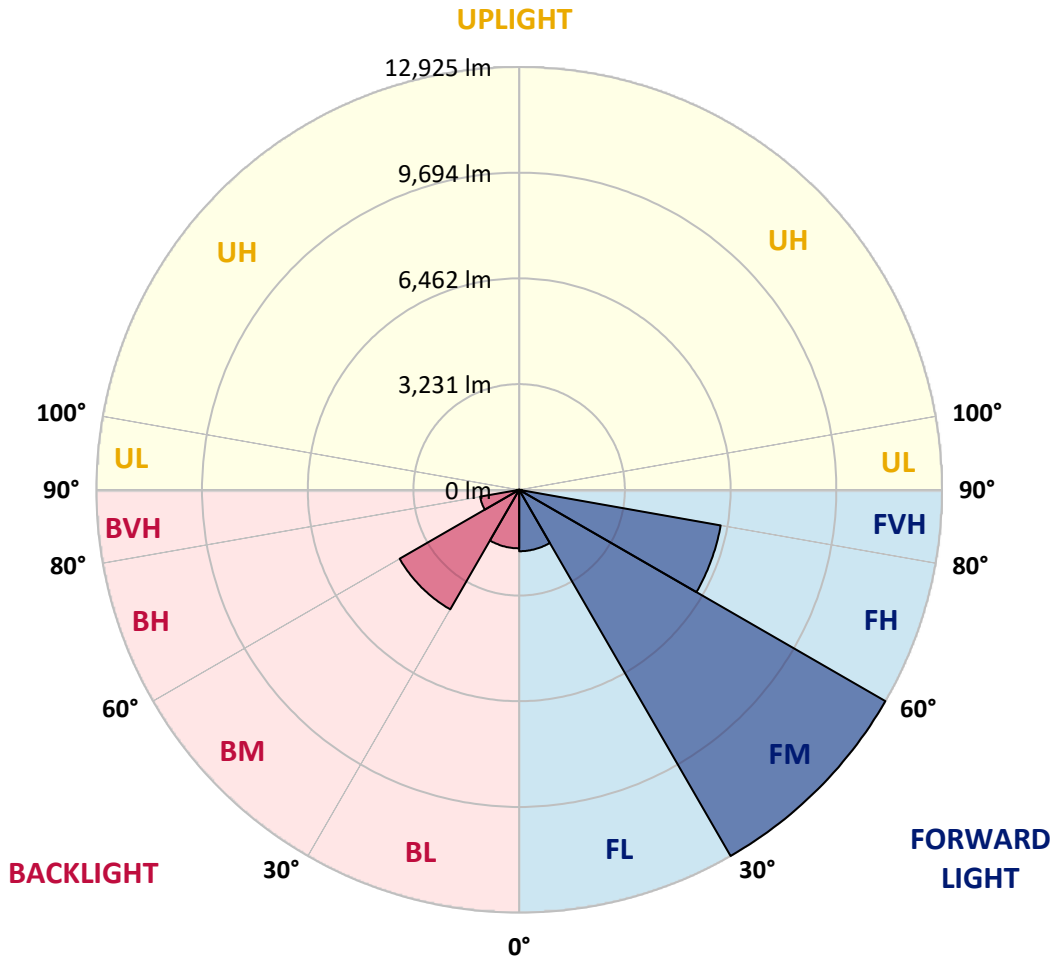
Scaled Data Report

REPORT NUMBER: P1501124
CATALOG NUMBER: GSS-SB4D-827-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1877.9	6.6			
FM	(30°-60°)	12924.8	45.4			
FH	(60°-80°)	6255.1	22.0			G3/7500
FVH	(80°-90°)	85.2	0.3			G1/100
BL	(0°-30°)	1789.1	6.3	B3/2500		
BM	(30°-60°)	4219.5	14.8	B3/5000		
BH	(60°-80°)	1211.8	4.3	B3/2500		G3/2500
BVH	(80°-90°)	78.3	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°	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	*3520.8*	3520.8
2.5°	3419.6	3413.3	3407.0	3400.7	3413.3	3432.3	3451.3	3463.9	3495.5	*3520.8*	3508.1
5°	3147.8	3135.2	3147.8	3198.4	3242.7	3318.5	3394.4	3444.9	3514.5	*3546.1*	3558.7
7.5°	2907.6	2895.0	2907.6	2970.9	3046.7	3166.8	3324.8	3451.3	3577.7	*3653.5*	3666.2
10°	2907.6	2914.0	2914.0	2939.3	2977.2	3097.3	3286.9	3527.1	3748.3	*3855.8*	3881.1
12.5°	3002.5	3002.5	3002.5	3034.1	3059.4	3154.2	3369.1	3666.2	4020.1	*4178.2*	4197.1
15°	3128.9	3122.6	3141.5	3160.5	3204.7	3299.5	3514.5	3868.4	4317.2	*4557.4*	4582.7
17.5°	3305.9	3293.2	3312.2	3356.4	3419.6	3527.1	3742.0	4146.6	4728.1	*5031.5*	5069.4
20°	3501.8	3495.5	3533.4	3603.0	3691.4	3824.2	4070.7	4481.6	5195.8	*5581.4*	5651.0
22.5°	3735.7	3723.1	3792.6	3919.0	4039.1	4190.8	4487.9	4917.7	5733.1	*6194.6*	6264.1
25°	4001.2	4001.2	4096.0	4247.7	4431.0	4702.8	4999.9	5474.0	6365.2	*6858.3*	6965.7
27.5°	4437.3	4468.9	4506.9	4664.9	4924.0	5290.7	5606.7	6144.0	7054.2	*7673.7*	7711.6
30°	5145.3	5132.6	5195.8	5303.3	5518.2	5903.8	6377.9	6953.1	7926.5	*8577.6*	8672.4
32.5°	5783.7	5802.7	5891.1	6093.4	6352.6	6681.3	7250.2	7958.1	8874.6	*9626.8*	9671.1
35°	6428.4	6441.1	6611.7	6915.1	7300.7	7667.3	8286.8	8982.1	9905.0	*10796.2*	10916.3
37.5°	7332.3	7319.7	7490.4	7749.5	8267.8	8836.7	9336.1	9999.8	10891.0	*11934.0*	12073.1
40°	8008.7	8078.2	8400.6	8729.3	9216.0	9803.8	10227.3	10853.1	11700.1	*13046.5*	13172.9
42.5°	8704.0	8760.9	9190.7	9683.7	10195.7	10594.0	10922.6	11504.2	12344.9	*14032.6*	14102.1
45°	9279.2	9355.0	9848.1	10473.9	11004.8	11409.4	11523.1	12066.7	13002.2	*14980.7*	15088.2
47.5°	9645.8	9728.0	10309.5	11042.7	11586.3	12016.2	11978.2	12743.1	13703.9	*16238.6*	16200.7
50°	9898.6	9949.2	10581.3	11365.1	12073.1	12357.5	12521.9	13507.9	14424.5	*17294.2*	17155.1
52.5°	10082.0	10164.1	10739.3	11599.0	12344.9	12717.8	13160.3	14392.9	14923.8	*18261.3*	17951.6
55°	*9652.1*	*9715.3*	*10726.7*	*11719.1*	*12623.0*	*13116.0*	*13887.2*	*15081.8*	*14987.0*	*18602.6*	*18185.4*
57.5°	9209.7	9260.2	10195.7	11687.5	12926.4	13609.1	14715.2	15170.3	14424.5	*18078.0*	17553.3
60°	8653.4	8691.3	9626.8	11352.5	12932.7	13994.6	15138.7	14525.6	13381.5	*16756.9*	16257.5
62.5°	7629.4	7629.4	8659.7	10448.6	12616.7	14190.6	15025.0	13305.7	11984.6	*14677.3*	13988.3
65°	6618.1	6573.8	7269.1	8836.7	11776.0	14140.0	14171.6	11763.3	9816.5	*11320.9*	10783.6
67.5°	5518.2	5524.5	5935.4	7174.3	9538.4	13084.4	12370.1	9089.6	6839.3	*7623.1*	7345.0
70°	3735.7	3830.5	4247.7	5208.5	7193.3	9272.9	9848.1	6156.6	4266.7	*4734.4*	4506.9
72.5°	1422.2	1441.2	1927.9	2730.7	4544.8	5575.1	6870.9	3444.9	2496.8	*2610.6*	2623.2
75°	600.5	625.8	821.7	1150.4	2016.4	3040.4	3615.6	1744.6	1517.0	*1561.3*	1548.6
77.5°	404.5	417.2	499.4	619.5	910.2	1219.9	1510.7	986.1	929.2	*872.3*	847.0
80°	303.4	303.4	360.3	417.2	512.0	625.8	657.4	499.4	556.2	*461.4*	448.8
82.5°	196.0	208.6	227.6	246.5	290.8	309.7	265.5	271.8	322.4	*240.2*	227.6
85°	94.8	101.1	107.5	113.8	113.8	107.5	94.8	120.1	164.3	*101.1*	94.8
87.5°	12.6	12.6	12.6	12.6	12.6	12.6	6.3	6.3	6.3	*6.3*	6.3
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: P1501124
CATALOG NUMBER: GSS-SB4D-827-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8	3520.8
2.5°	3527.1	3552.4	3571.4	3584.0	3615.6	3609.3	3628.2	3640.9	3653.5	3672.5	3647.2
5°	3590.3	3634.6	3685.1	3723.1	3761.0	3779.9	3786.3	3798.9	3805.2	3817.9	3811.5
7.5°	3729.4	3779.9	3855.8	3893.7	3925.3	3925.3	3906.4	3900.0	3881.1	3893.7	3893.7
10°	3963.3	4039.1	4121.3	4127.6	4089.7	4045.4	3975.9	3938.0	3887.4	3874.8	3862.1
12.5°	4304.6	4405.7	4468.9	4424.7	4291.9	4127.6	3944.3	3773.6	3640.9	3584.0	3571.4
15°	4690.2	4816.6	4829.2	4702.8	4462.6	4064.4	3678.8	3489.2	3419.6	3419.6	3413.3
17.5°	5221.1	5309.6	5259.1	4955.6	4418.4	3767.3	3489.2	3457.6	3476.5	3501.8	3501.8
20°	5777.4	5878.5	5669.9	5132.6	4146.6	3590.3	3508.1	3533.4	3577.7	3603.0	3596.6
22.5°	6441.1	6491.6	6087.1	5139.0	3855.8	3546.1	3546.1	3577.7	3609.3	3647.2	3647.2
25°	7123.7	7104.8	6472.7	4905.1	3691.4	3533.4	3520.8	3546.1	3558.7	3577.7	3571.4
27.5°	7888.6	7787.4	6769.8	4532.1	3640.9	3495.5	3432.3	3407.0	3419.6	3438.6	3444.9
30°	8767.2	8527.0	7010.0	4298.3	3621.9	3407.0	3255.3	3185.8	3173.1	3198.4	3198.4
32.5°	9784.9	9266.5	7155.3	4266.7	3603.0	3249.0	3046.7	2914.0	2888.7	2901.3	2932.9
35°	10827.8	10157.8	7117.4	4348.8	3609.3	3122.6	2825.5	2648.5	2623.2	2635.8	2667.5
37.5°	11921.4	11004.8	6972.0	4475.3	3558.7	2951.9	2623.2	2408.3	2370.4	2395.6	2408.3
40°	12768.4	11719.1	6611.7	4525.8	3470.2	2737.0	2389.3	2206.0	2104.9	2098.6	2130.2
42.5°	13552.2	12281.7	6219.8	4443.6	3286.9	2509.4	2149.1	1965.8	1807.8	1687.7	1687.7
45°	14336.0	12850.5	5821.6	4209.8	2983.5	2269.2	1896.3	1649.8	1466.5	1378.0	1384.3
47.5°	15119.8	13400.5	5347.5	3855.8	2680.1	2016.4	1624.5	1428.5	1302.1	1232.6	1232.6
50°	15846.7	13798.7	4740.7	3293.2	2332.4	1763.6	1434.9	1321.1	1226.3	1163.1	1150.4
52.5°	16485.1	14064.2	3919.0	2610.6	1953.2	1479.1	1333.7	1245.2	1175.7	1106.2	1087.2
55°	*16598.9*	*13887.2*	*3280.6*	*2098.6*	*1611.8*	*1327.4*	*1257.9*	*1182.0*	*1087.2*	*1055.6*	*1036.6*
57.5°	15897.3	12951.7	2768.6	1769.9	1378.0	1219.9	1194.7	1106.2	1030.3	998.7	979.8
60°	14702.6	11251.3	2288.2	1517.0	1226.3	1118.8	1150.4	1061.9	941.8	922.9	903.9
62.5°	12553.5	8779.8	1826.8	1276.8	1112.5	1043.0	1074.6	948.1	847.0	821.7	815.4
65°	9759.6	6283.0	1536.0	1125.1	1024.0	967.1	954.5	840.7	764.8	745.9	745.9
67.5°	6814.0	3994.9	1283.2	1030.3	910.2	872.3	866.0	790.1	739.6	720.6	720.6
70°	4171.8	2420.9	1080.9	941.8	802.8	733.2	777.5	764.8	689.0	670.0	663.7
72.5°	2168.1	1447.5	948.1	866.0	676.3	625.8	695.3	701.6	638.4	663.7	657.4
75°	1257.9	1005.0	828.0	764.8	537.3	524.6	606.8	670.0	619.5	638.4	625.8
77.5°	720.6	644.7	638.4	625.8	423.5	429.8	543.6	600.5	531.0	549.9	505.7
80°	398.2	417.2	442.5	391.9	297.1	335.0	436.1	480.4	404.5	398.2	366.6
82.5°	208.6	259.2	297.1	252.8	170.7	202.3	297.1	297.1	259.2	246.5	240.2
85°	94.8	107.5	139.1	126.4	63.2	75.9	139.1	151.7	132.7	120.1	113.8
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	12.6	19.0	6.3	6.3	6.3
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

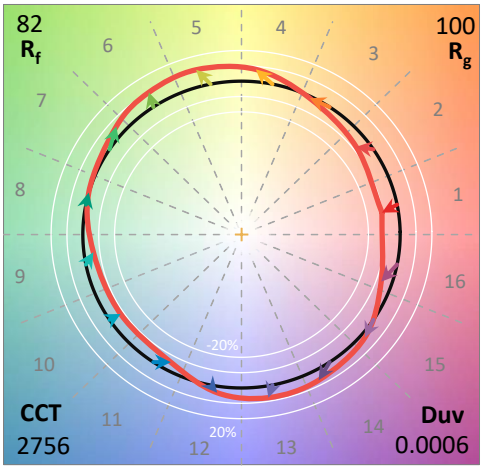
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

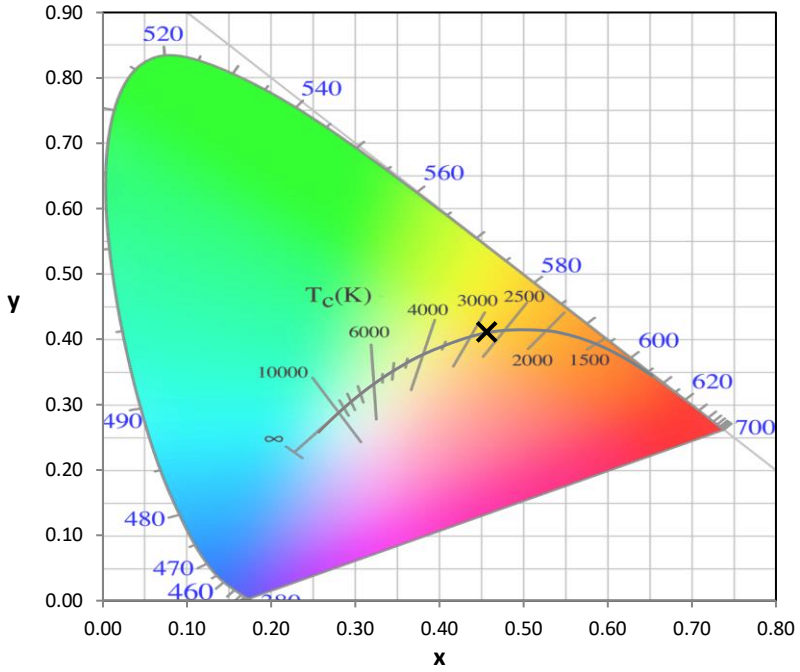
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

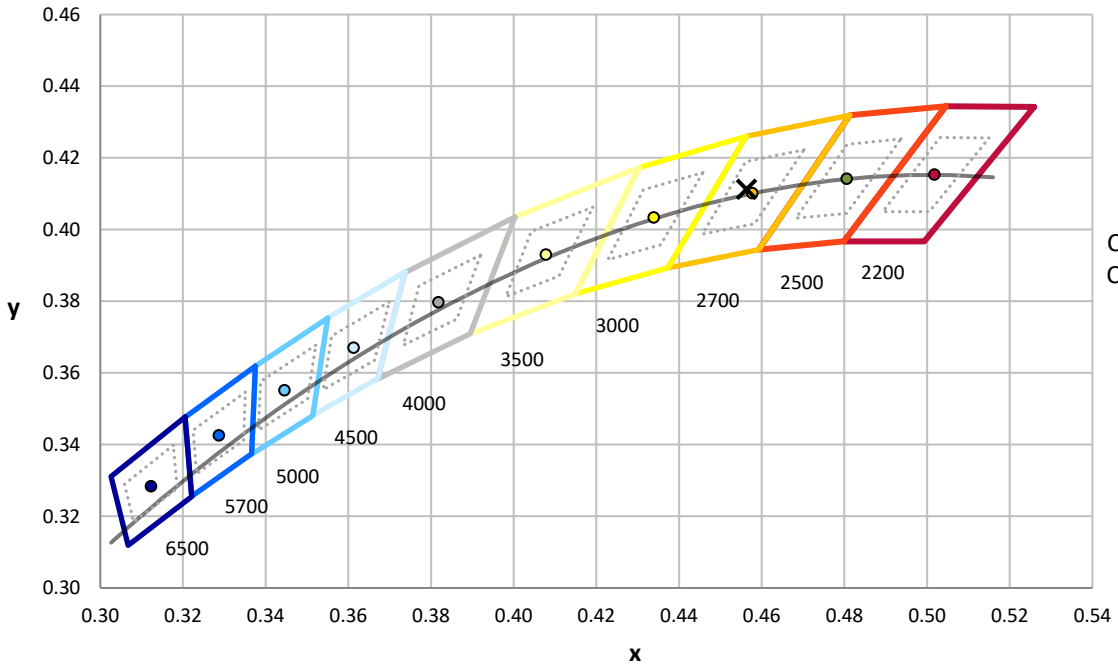
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

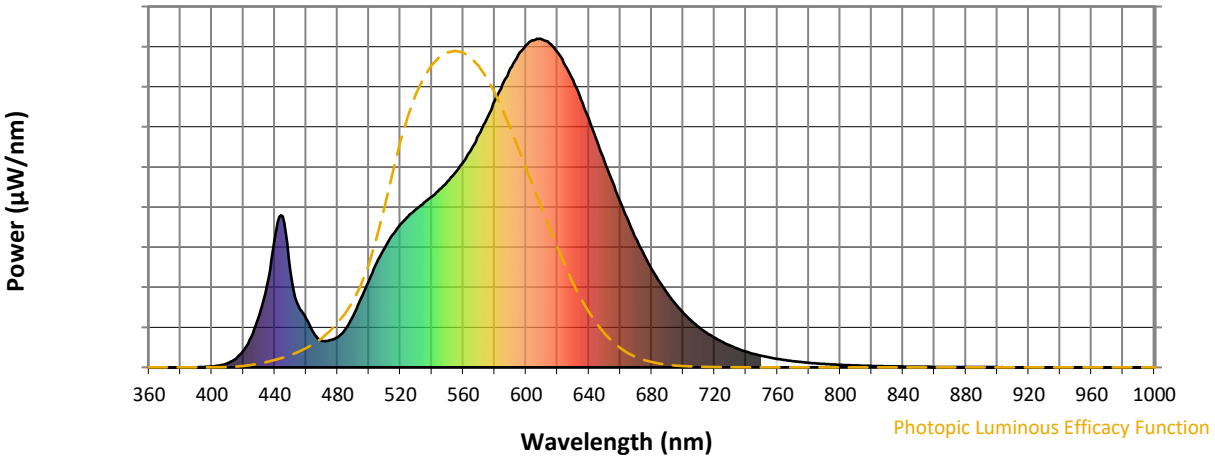


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

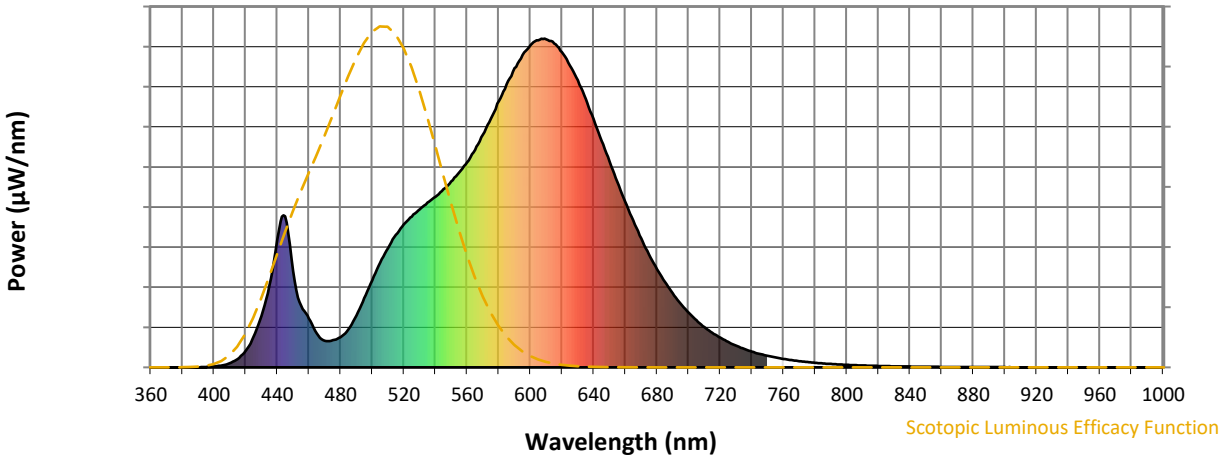


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

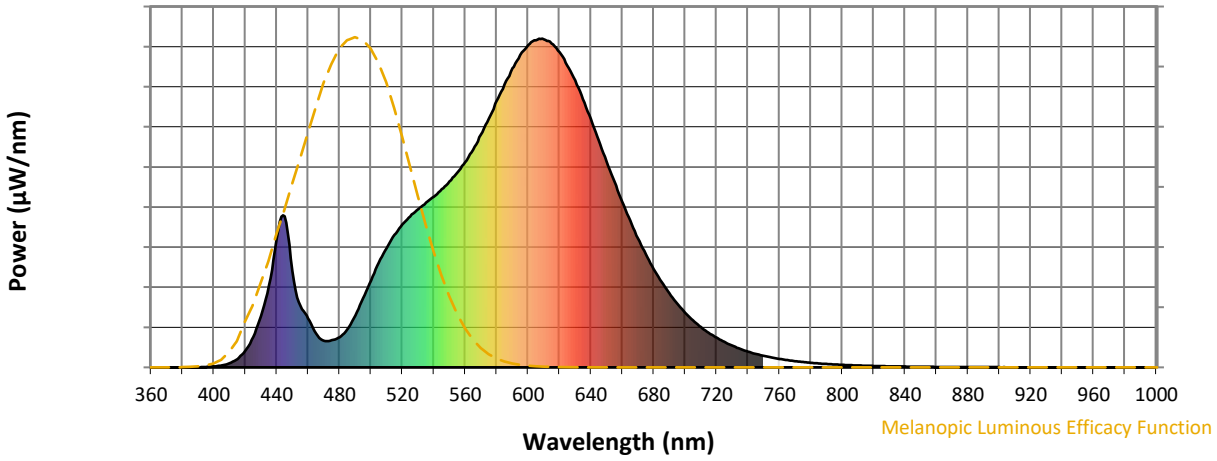


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

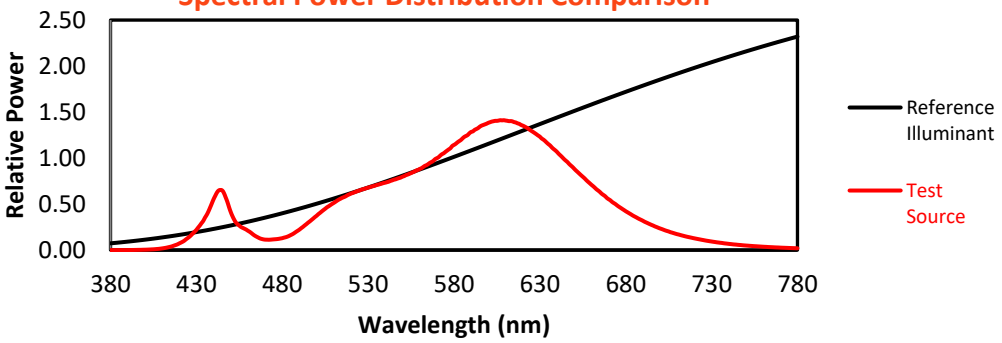
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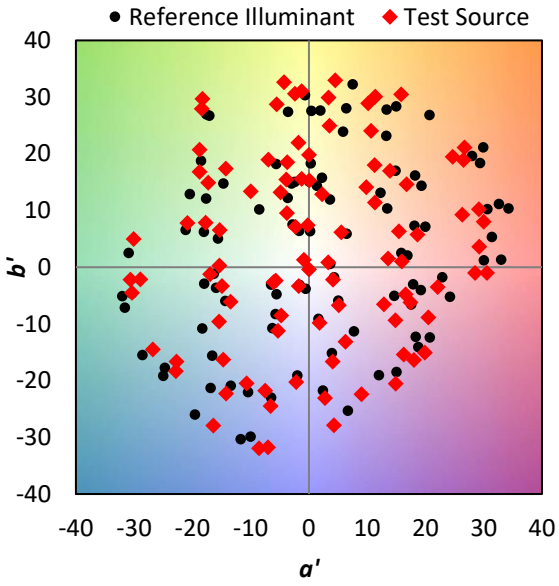
Summary

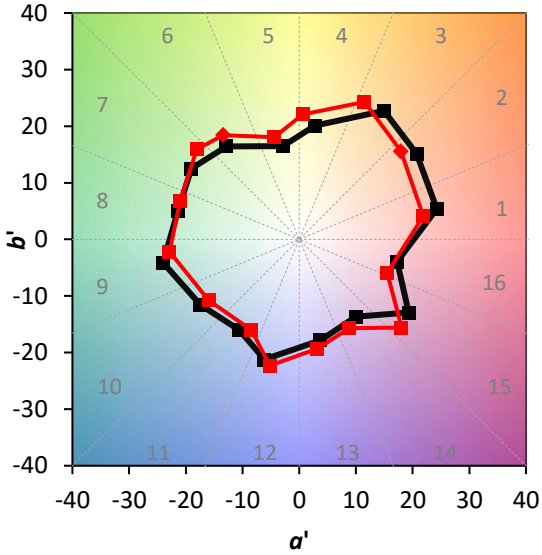
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

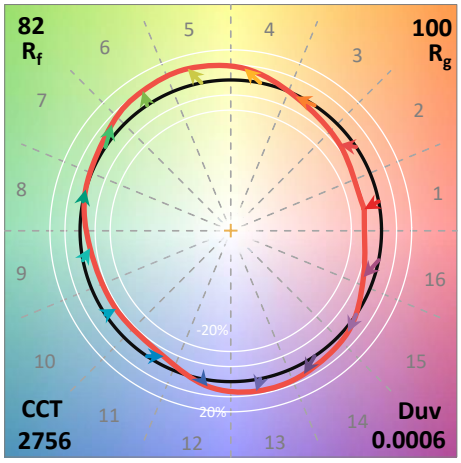
Spectral Power Distribution Comparison

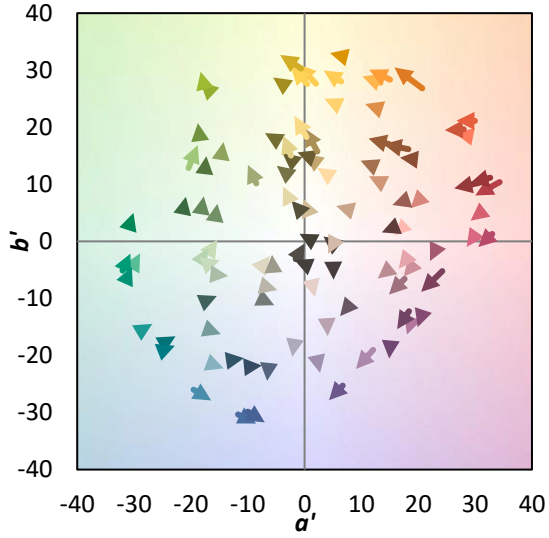


Color Vector Graphics







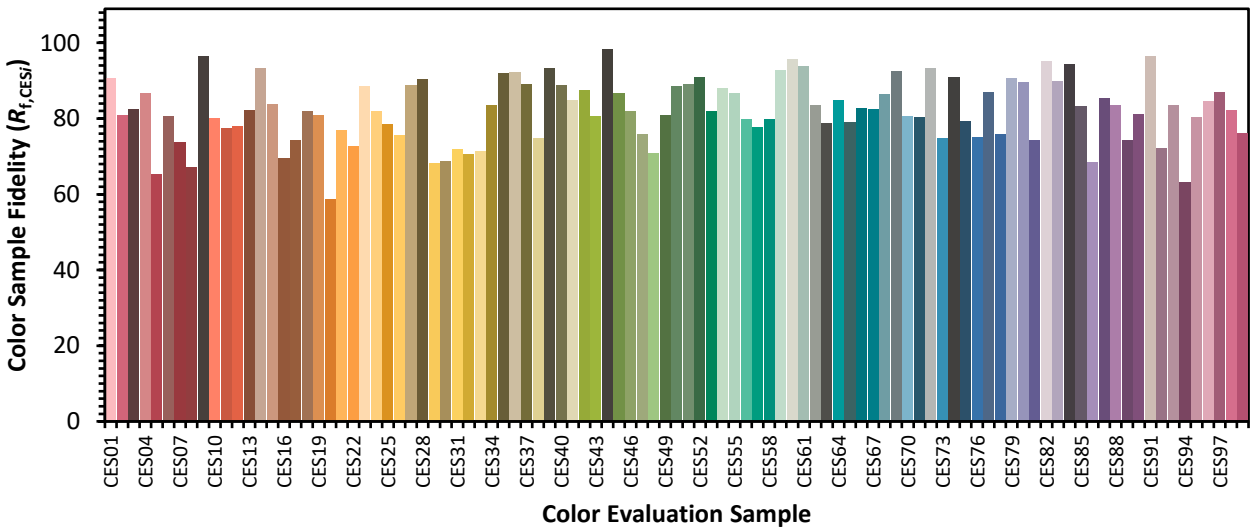


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Individual Sample Fidelity Index ($R_{f,i}$)

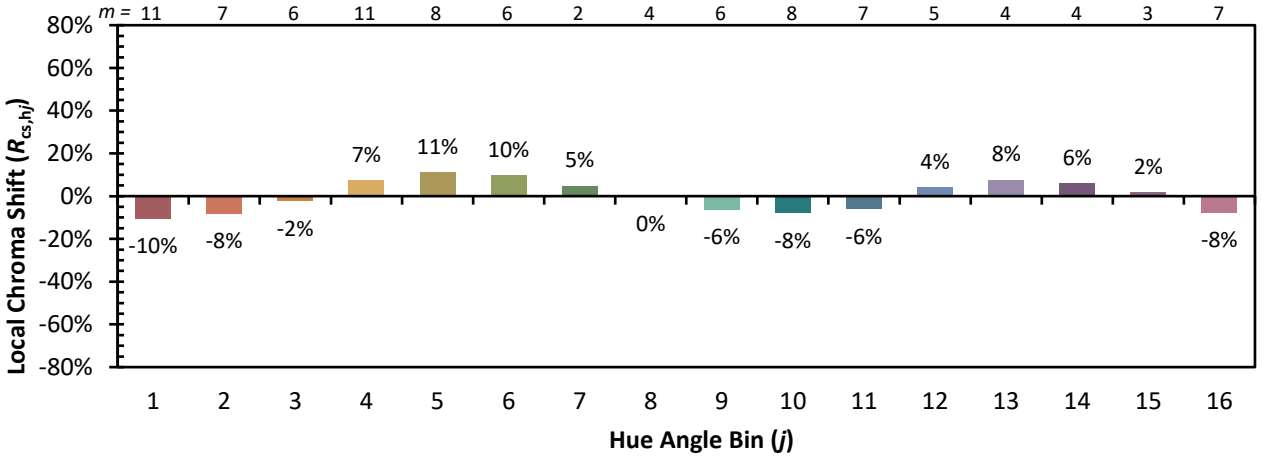
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

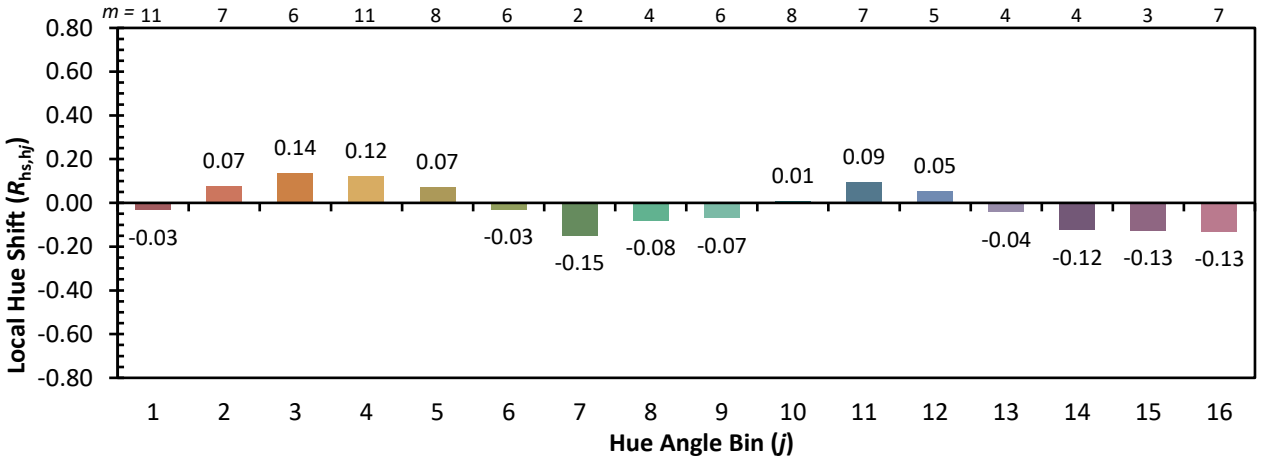


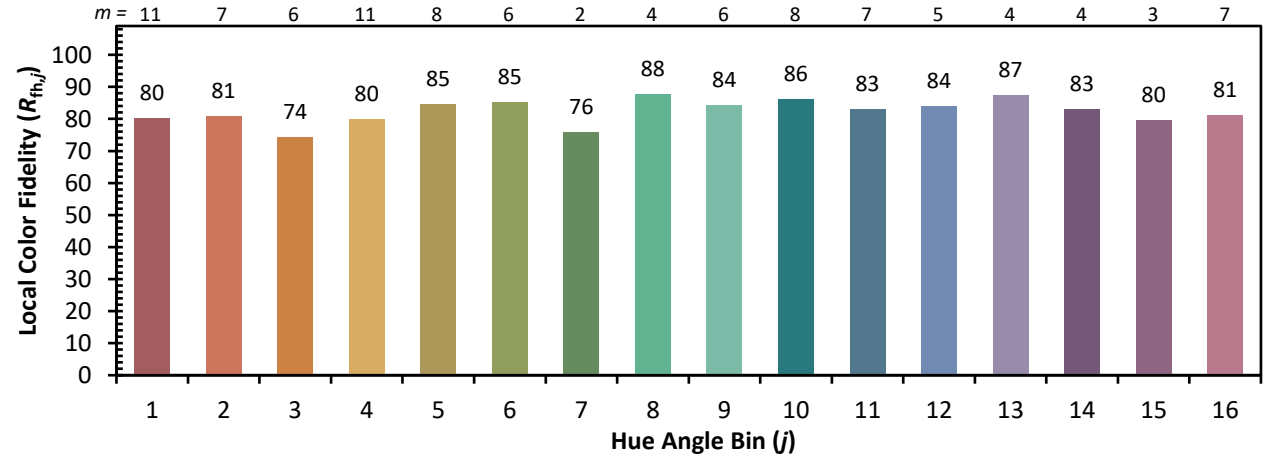
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Color Rendition by Hue-Angle Bin



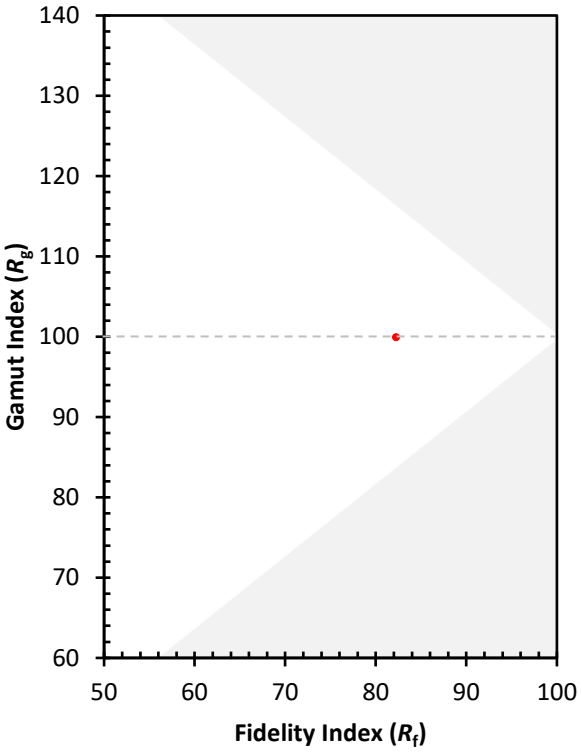


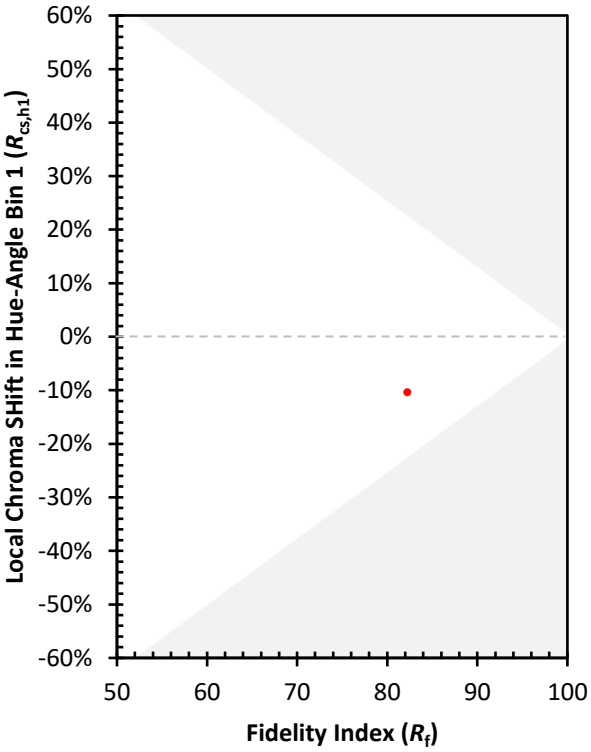


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Measure Comparisons





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