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: P1500744

Luminaire Tested: GSS-SB5D-827-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:	P1500744
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5D-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 302W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37287.5 lumens
Efficiency:	N/A
Efficacy:	123.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G4

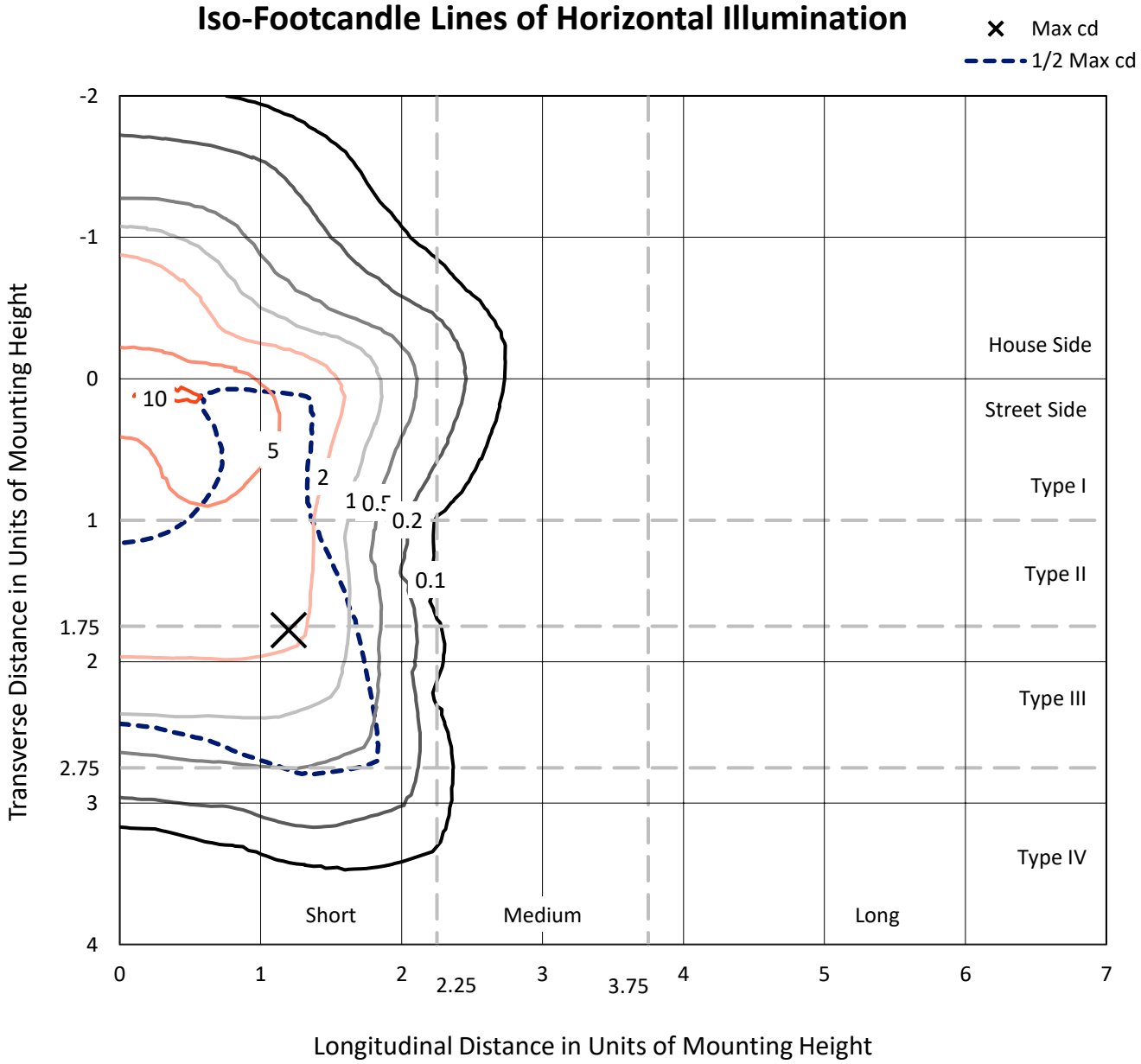
Input Watts (W):	302
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500744
CATALOG NUMBER: GSS-SB5D-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



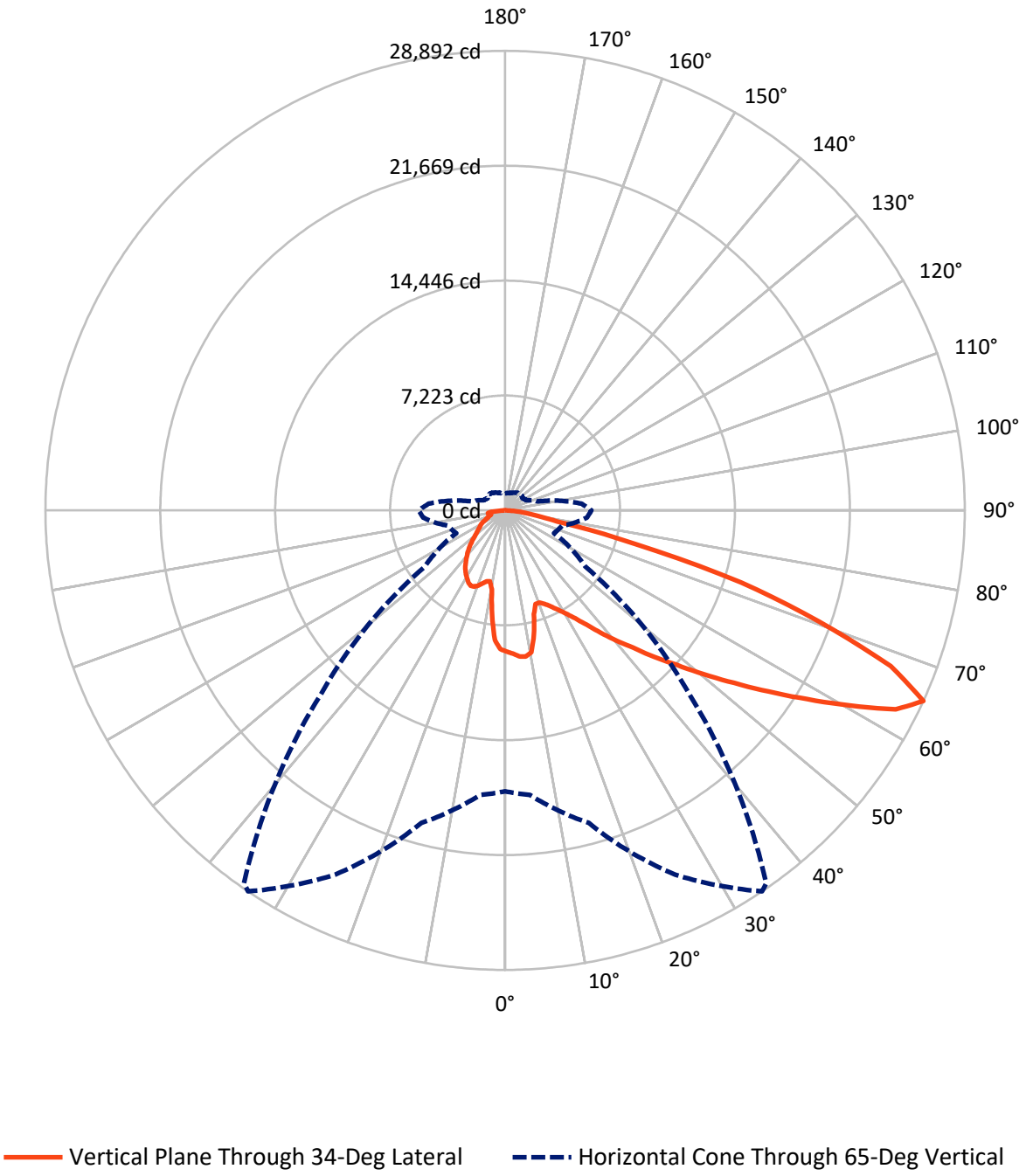
Based on 30 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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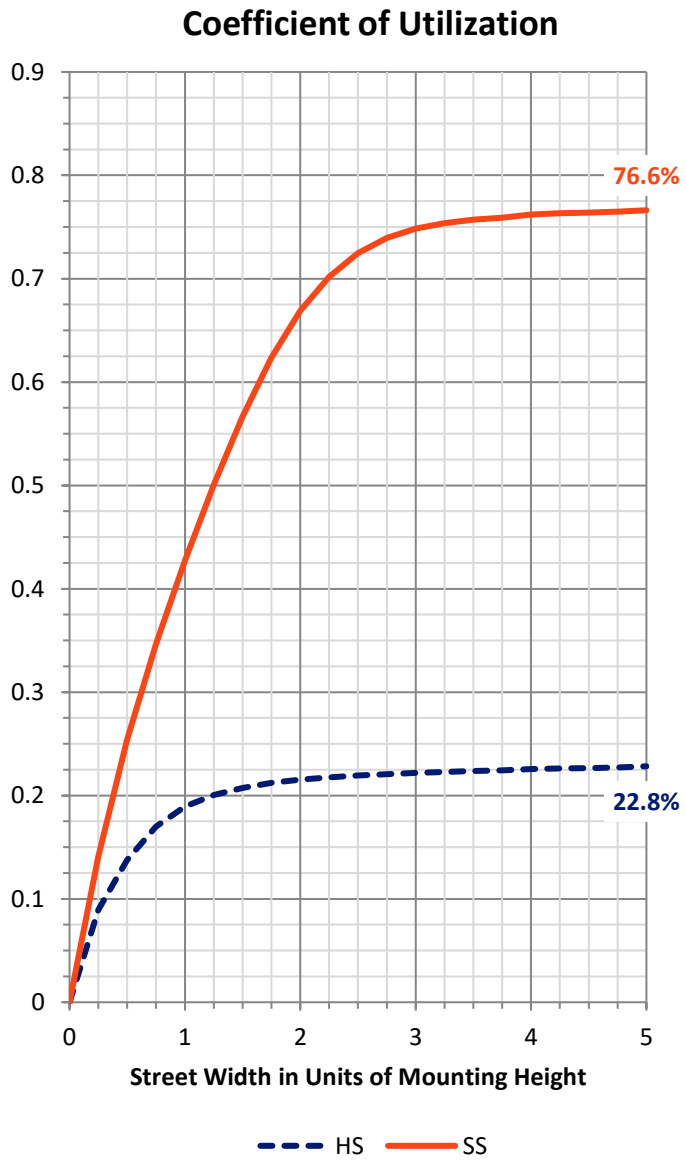
REPORT NUMBER: P1500744
CATALOG NUMBER: GSS-SB5D-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8675.2	0.0	8675.2
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	28612.3	0.0	28612.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	37287.5	0.0	37287.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	799.2	2.1
10°-20°	2011.5	5.4
20°-30°	3334.3	8.9
30°-40°	5014.6	13.4
40°-50°	7025.3	18.8
50°-60°	8857.8	23.8
60°-70°	7618.4	20.4
70°-80°	2265.0	6.1
80°-90°	361.4	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°	37287.5	100.0
0°-180°	37287.5	100.0



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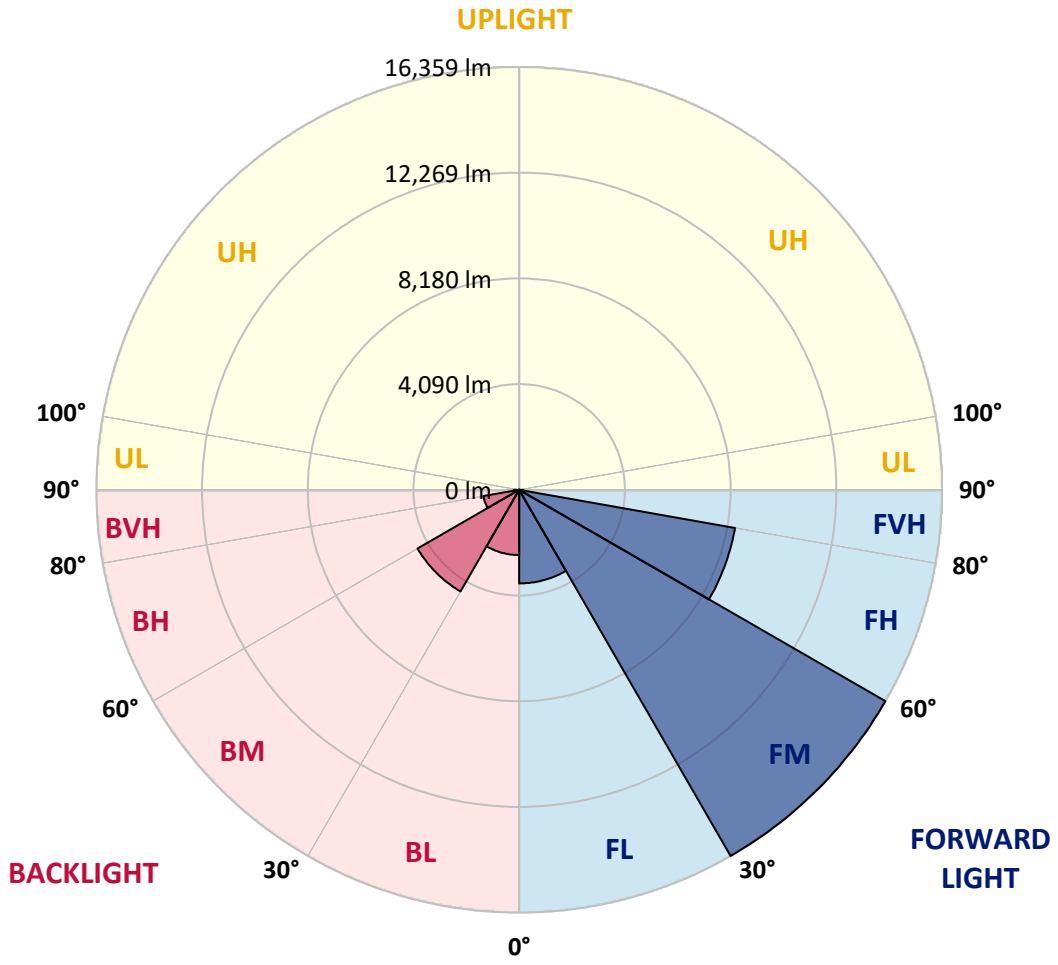
Scaled Data Report

REPORT NUMBER: P1500744
CATALOG NUMBER: GSS-SB5D-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3620.9	9.7			
FM	(30°-60°)	16359.1	43.9			
FH	(60°-80°)	8479.4	22.7			G4/12000
FVH	(80°-90°)	152.9	0.4			G2/225
BL	(0°-30°)	2524.1	6.8	B4/5000		
BM	(30°-60°)	4538.6	12.2	B3/5000		
BH	(60°-80°)	1404.0	3.8	B3/2500		G3/2500
BVH	(80°-90°)	208.5	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2
2.5°	9034.1	9084.8	9025.7	9000.3	9008.8	9017.2	8975.0	8983.5	8932.8	8932.8	8890.6
5°	9228.3	9236.7	9203.0	9228.3	9219.9	9211.4	9211.4	9203.0	9093.2	9067.9	9025.7
7.5°	9118.5	9152.3	9169.2	9262.1	9287.4	9338.1	9371.8	9388.7	9304.3	9236.7	9127.0
10°	8113.8	8139.1	8333.3	8755.5	9076.3	9135.4	9447.8	9625.1	9566.0	9532.3	9346.5
12.5°	6484.3	6526.5	6746.0	7294.8	8046.3	8206.7	9203.0	9802.4	9937.5	9946.0	9675.8
15°	5783.5	5783.5	5851.1	6163.5	6771.4	6898.0	8367.1	9853.1	10334.3	10393.4	10064.2
17.5°	5640.0	5631.5	5673.8	5859.5	6180.3	6256.3	7404.6	9591.4	10807.2	10908.5	10486.3
20°	5631.5	5606.2	5690.6	5901.7	6180.3	6247.9	6957.1	9135.4	11178.7	11499.5	10908.5
22.5°	5640.0	5640.0	5758.2	6062.1	6383.0	6442.1	7041.5	8755.5	11482.6	12115.8	11356.0
25°	5732.9	5716.0	5884.8	6256.3	6695.4	6737.6	7387.7	8738.6	11744.3	12808.2	11896.3
27.5°	5884.8	5893.3	6121.2	6568.7	7066.9	7151.3	7869.0	9101.7	12065.2	13568.1	12419.8
30°	6205.7	6214.1	6484.3	6940.2	7514.4	7624.1	8426.2	9642.0	12521.1	14387.0	12985.5
32.5°	6568.7	6610.9	6940.2	7472.1	8088.5	8147.6	9110.1	10452.5	13205.0	15206.0	13593.4
35°	7176.6	7218.8	7590.3	8147.6	8831.5	8915.9	9946.0	11389.7	14040.9	16033.4	14066.2
37.5°	7961.8	7995.6	8358.7	9034.1	9760.2	9844.6	10874.7	12386.0	14885.2	16692.0	14488.3
40°	8899.0	8975.0	9363.4	10022.0	10756.5	10807.2	11887.9	13348.5	15797.0	17147.9	14657.2
42.5°	9920.6	9996.6	10393.4	11119.6	11795.0	11947.0	12985.5	14370.1	16540.0	17350.6	14522.1
45°	11229.3	11212.4	11583.9	12343.8	13137.5	13196.6	14159.1	15214.5	16987.5	17181.7	14387.0
47.5°	12816.6	12833.5	13069.9	13686.3	14505.2	14640.3	15383.3	15940.6	17249.2	17046.6	14235.1
50°	14606.6	14648.8	14851.4	15298.9	16177.0	16269.8	16489.4	16447.1	17409.7	16759.5	14294.2
52.5°	16396.5	16421.8	16692.0	17164.8	18017.6	18085.1	17603.8	16835.5	16810.2	15602.8	14167.5
55°	17865.6	17857.1	18338.4	19064.5	20103.0	20060.8	18701.5	16540.0	14935.8	13804.5	13601.8
57.5°	19140.5	19191.2	19815.9	21074.0	22382.6	22348.9	19875.0	14978.0	12200.3	11676.8	12681.5
60°	20288.8	20407.0	21580.5	23463.4	24907.1	24704.5	20086.1	12622.4	9490.0	9143.9	10857.8
62.5°	19790.6	20010.1	21892.9	25565.7	27549.8	27102.3	18785.9	9777.1	6425.2	6112.8	7674.8
65°	17663.0	17958.5	20347.9	25261.7	28892.3	28613.6	16421.8	6146.6	3385.7	3715.0	5167.2
67.5°	14834.5	15189.1	17772.7	22695.0	26139.8	25540.4	12757.5	3233.7	1578.9	2448.5	3208.4
70°	8130.7	9008.8	12850.4	19300.9	20938.9	20103.0	7379.3	1528.2	1148.3	1528.2	1916.6
72.5°	3056.4	3267.5	5572.4	12977.0	15510.0	14479.9	2803.1	987.8	962.5	1131.4	1384.7
75°	1469.1	1570.4	2423.2	5901.7	8468.4	7894.3	1376.2	734.5	827.4	886.5	1004.7
77.5°	878.1	945.6	1511.3	3427.9	3335.0	3064.8	844.3	565.7	667.0	633.2	591.0
80°	523.5	582.6	920.3	1950.4	2009.5	1781.5	515.0	396.8	464.4	405.3	363.1
82.5°	304.0	329.3	481.3	878.1	1274.9	1173.6	295.5	236.4	337.7	270.2	202.6
85°	152.0	160.4	219.5	379.9	633.2	481.3	126.6	109.8	160.4	118.2	67.5
87.5°	33.8	33.8	33.8	42.2	59.1	59.1	16.9	8.4	8.4	8.4	8.4
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: P1500744
CATALOG NUMBER: GSS-SB5D-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2	8865.2
2.5°	8882.1	8899.0	8839.9	8772.4	8755.5	8704.8	8721.7	8687.9	8637.3	8645.7	8654.2
5°	8966.6	8932.8	8814.6	8662.6	8527.5	8375.5	8198.2	7995.6	7852.1	7793.0	7843.6
7.5°	9042.6	9008.8	8806.1	8468.4	8012.5	7379.3	6720.7	6121.2	5707.5	5555.6	5589.3
10°	9253.6	9118.5	8747.0	8012.5	6923.3	5724.4	5057.4	4685.9	4559.3	4491.7	4500.2
12.5°	9532.3	9346.5	8637.3	7218.8	5572.4	4812.6	4576.2	4491.7	4449.5	4432.6	4449.5
15°	9870.0	9582.9	8375.5	6222.6	4947.7	4652.1	4601.5	4609.9	4609.9	4618.4	4618.4
17.5°	10165.5	9718.0	7902.7	5504.9	4821.0	4736.6	4787.2	4829.4	4829.4	4837.9	4829.4
20°	10435.7	9785.5	7294.8	5200.9	4846.3	4888.6	5006.8	5049.0	5057.4	5049.0	5049.0
22.5°	10722.7	9827.8	6686.9	5032.1	4905.4	5032.1	5158.7	5217.8	5234.7	5243.2	5251.6
25°	11001.4	9743.3	6188.8	4897.0	4880.1	5057.4	5200.9	5276.9	5293.8	5293.8	5302.3
27.5°	11280.0	9718.0	5851.1	4719.7	4761.9	4905.4	5074.3	5175.6	5243.2	5251.6	5260.0
30°	11600.8	9642.0	5530.2	4483.3	4500.2	4677.5	4854.8	5032.1	5167.2	5226.3	5226.3
32.5°	11820.3	9566.0	5243.2	4230.0	4230.0	4415.7	4635.3	4854.8	5049.0	5167.2	5192.5
35°	12031.4	9498.5	4989.9	3976.7	3985.1	4162.4	4390.4	4626.8	4871.7	5015.2	5082.7
37.5°	12141.2	9430.9	4812.6	3782.5	3748.7	3934.5	4086.5	4280.6	4542.4	4778.8	4837.9
40°	12166.5	9430.9	4795.7	3647.4	3503.9	3715.0	3782.5	3917.6	4154.0	4407.3	4500.2
42.5°	11997.6	9338.1	4880.1	3563.0	3250.6	3402.6	3478.6	3546.1	3698.1	3909.2	3985.1
45°	11795.0	9211.4	4956.1	3444.8	2938.2	3056.4	3174.6	3183.0	3250.6	3301.2	3351.9
47.5°	11626.1	9076.3	4821.0	3225.3	2617.4	2701.8	2828.4	2828.4	2794.7	2693.3	2659.6
50°	11761.2	9118.5	4593.0	2912.9	2321.9	2381.0	2516.0	2440.1	2364.1	2153.0	2127.7
52.5°	11879.4	9279.0	4322.9	2608.9	2068.6	2127.7	2262.7	2144.5	1992.6	1823.7	1798.4
55°	11685.2	9287.4	3824.7	2271.2	1891.3	1941.9	2068.6	1925.0	1781.5	1680.2	1663.3
57.5°	11102.7	9034.1	3301.2	2009.5	1739.3	1789.9	1908.1	1764.6	1629.5	1621.1	1663.3
60°	9819.3	8147.6	2820.0	1840.6	1595.7	1654.8	1773.0	1621.1	1443.8	1367.8	1393.1
62.5°	7413.0	6264.8	2414.7	1646.4	1460.7	1536.6	1621.1	1376.2	1224.2	1190.5	1156.7
65°	*5420.5*	*4812.6*	*2169.9*	*1494.4*	*1334.0*	*1426.9*	*1359.3*	*1224.2*	*1122.9*	*1089.2*	*1072.3*
67.5°	3503.9	3267.5	1865.9	1350.9	1215.8	1291.8	1198.9	1131.4	1021.6	1004.7	1030.1
70°	2144.5	2220.5	1562.0	1190.5	1097.6	1080.7	1097.6	1030.1	911.9	937.2	971.0
72.5°	1519.8	1638.0	1342.5	1038.5	937.2	903.4	979.4	937.2	852.8	878.1	911.9
75°	1089.2	1215.8	1106.0	852.8	793.7	776.8	911.9	937.2	878.1	895.0	920.3
77.5°	641.7	776.8	785.2	658.6	599.5	692.3	971.0	1080.7	1038.5	987.8	962.5
80°	413.7	464.4	557.2	422.2	422.2	599.5	1063.8	1317.1	1131.4	1004.7	987.8
82.5°	211.1	244.8	363.1	270.2	253.3	447.5	1046.9	1258.0	1249.6	1114.5	1089.2
85°	59.1	76.0	168.9	118.2	101.3	236.4	785.2	945.6	844.3	616.3	624.8
87.5°	8.4	8.4	0.0	0.0	8.4	33.8	92.9	16.9	16.9	16.9	16.9
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

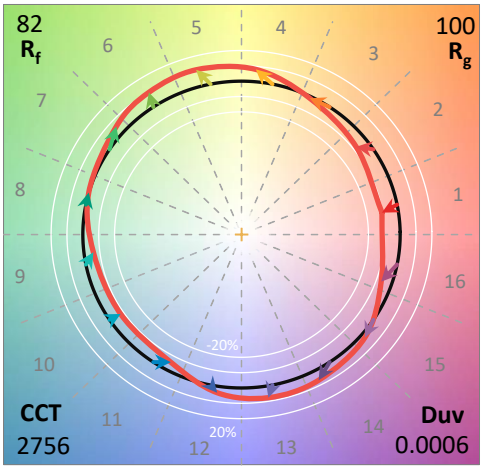
Test Information

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

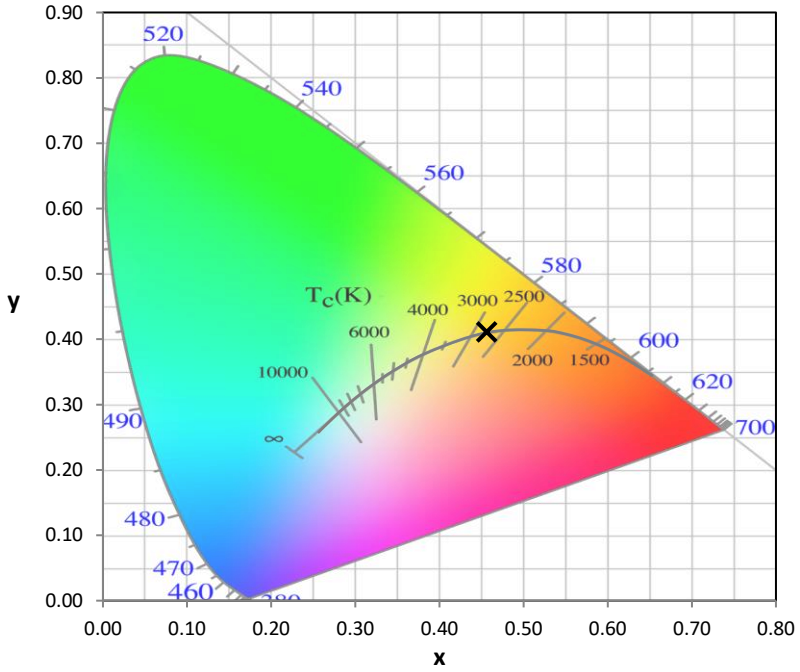
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

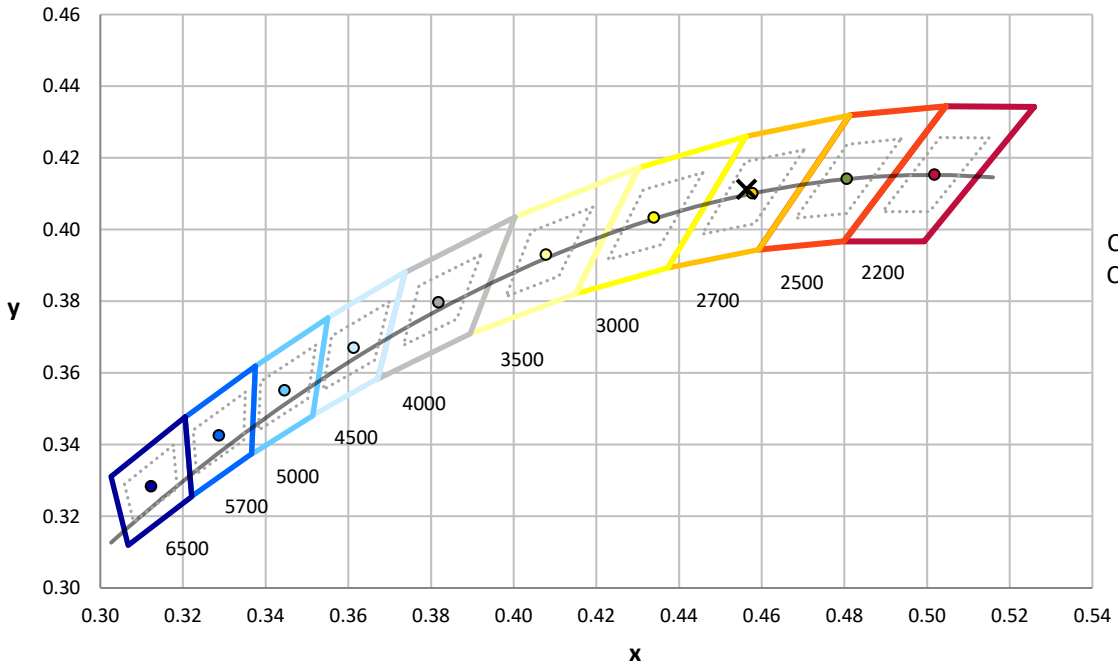
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

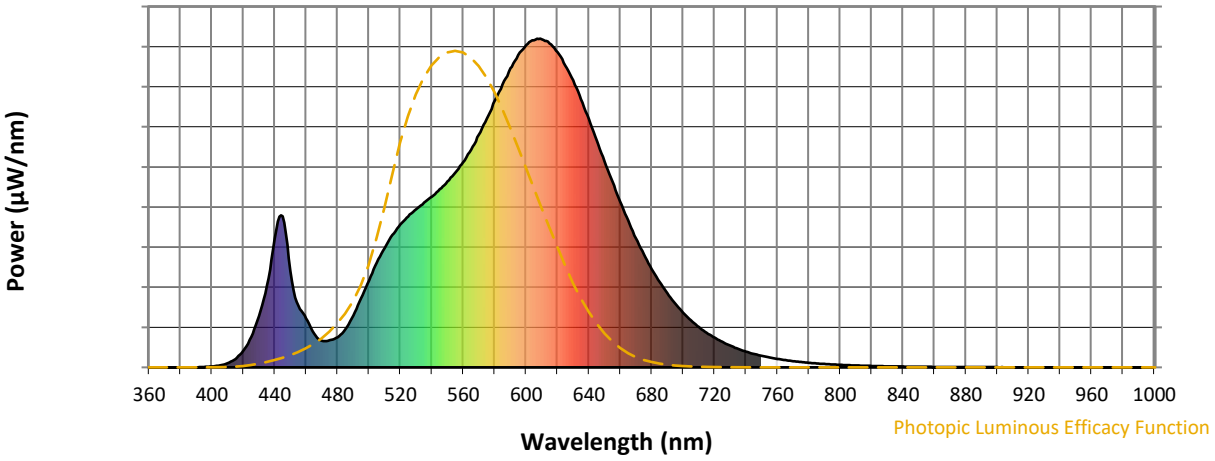


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

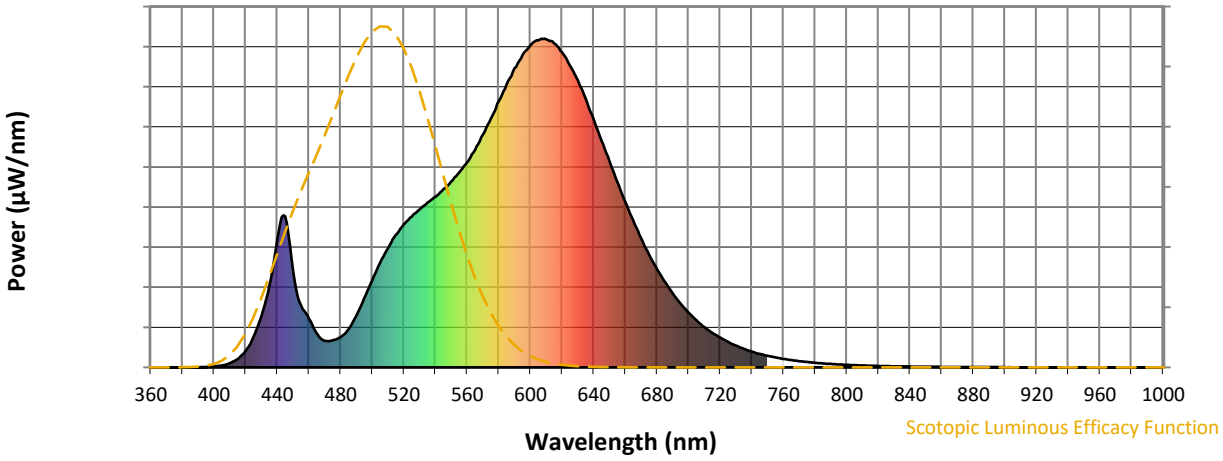


Photopic Lumens: NR

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

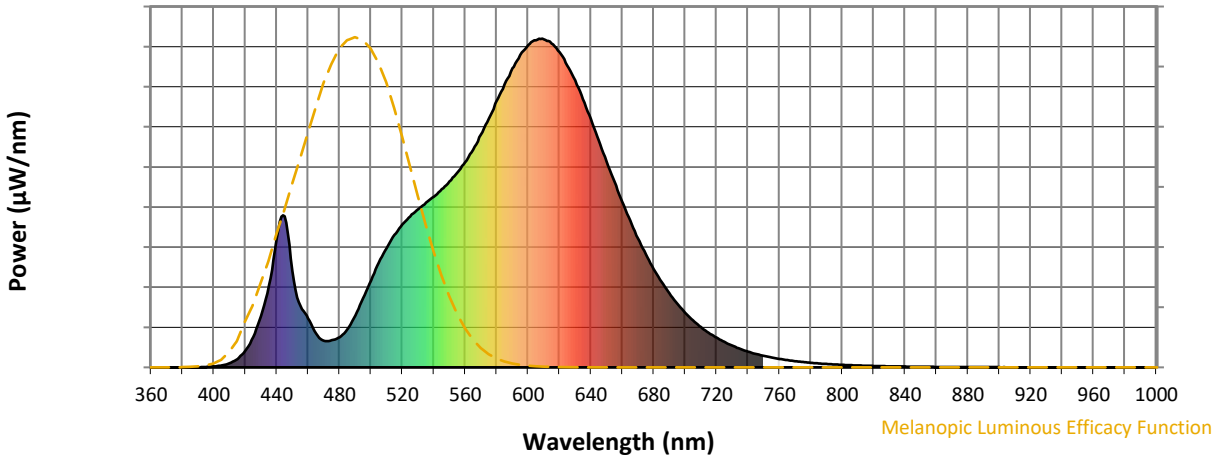


Scotopic Lumens: NR **S/P: 1.2**

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			

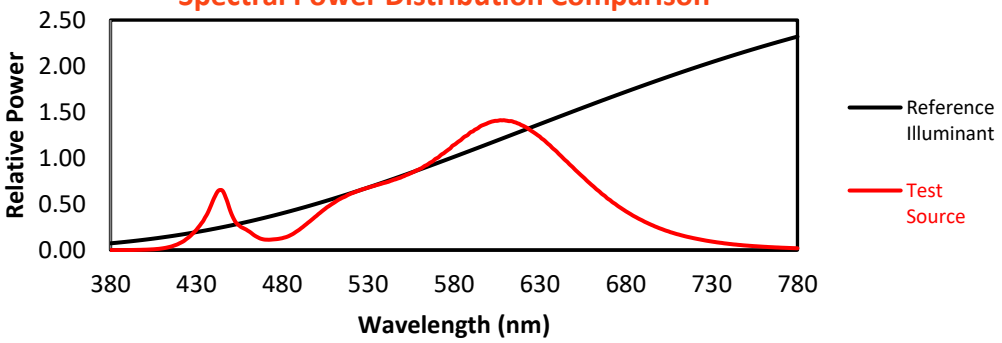
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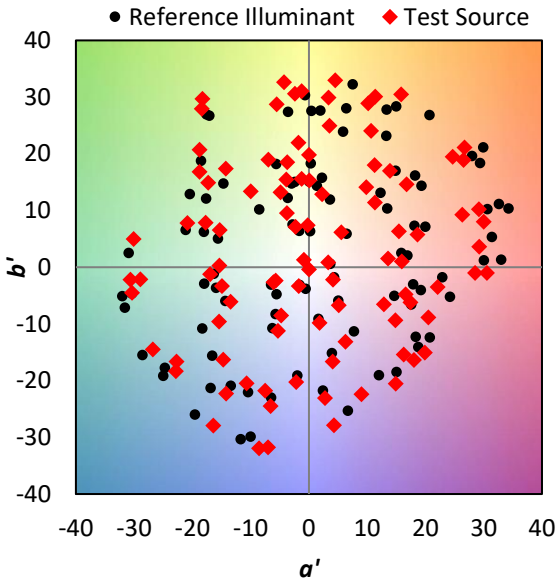
Summary

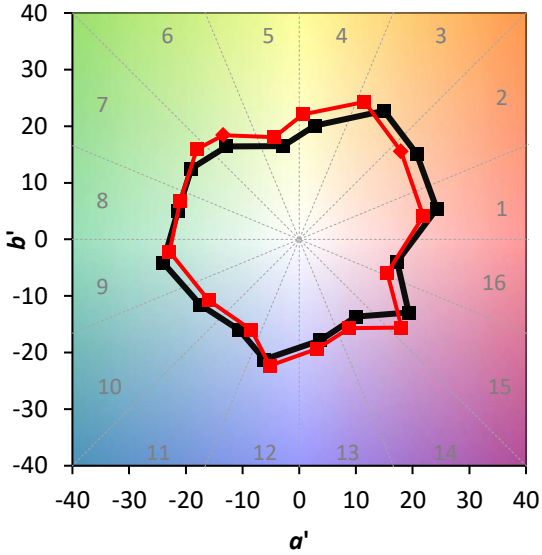
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

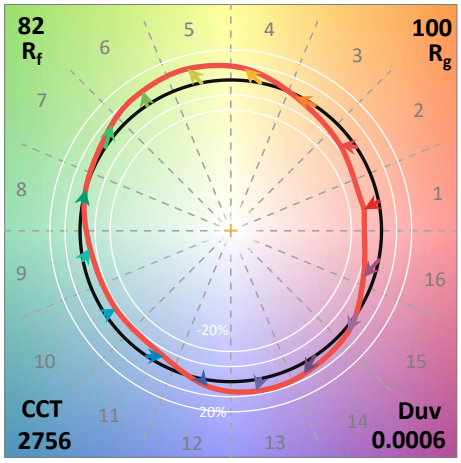
Spectral Power Distribution Comparison

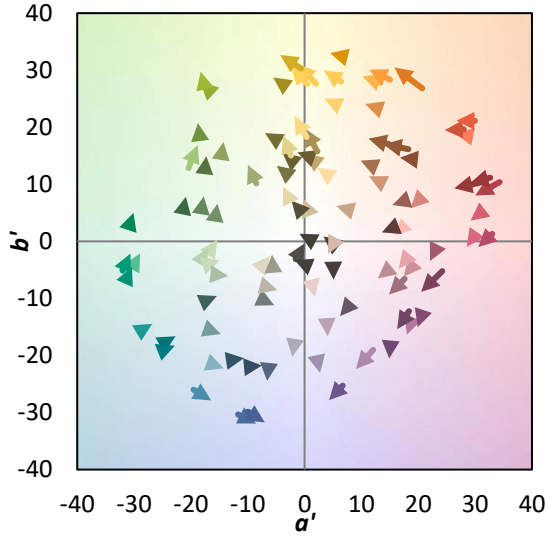


Color Vector Graphics







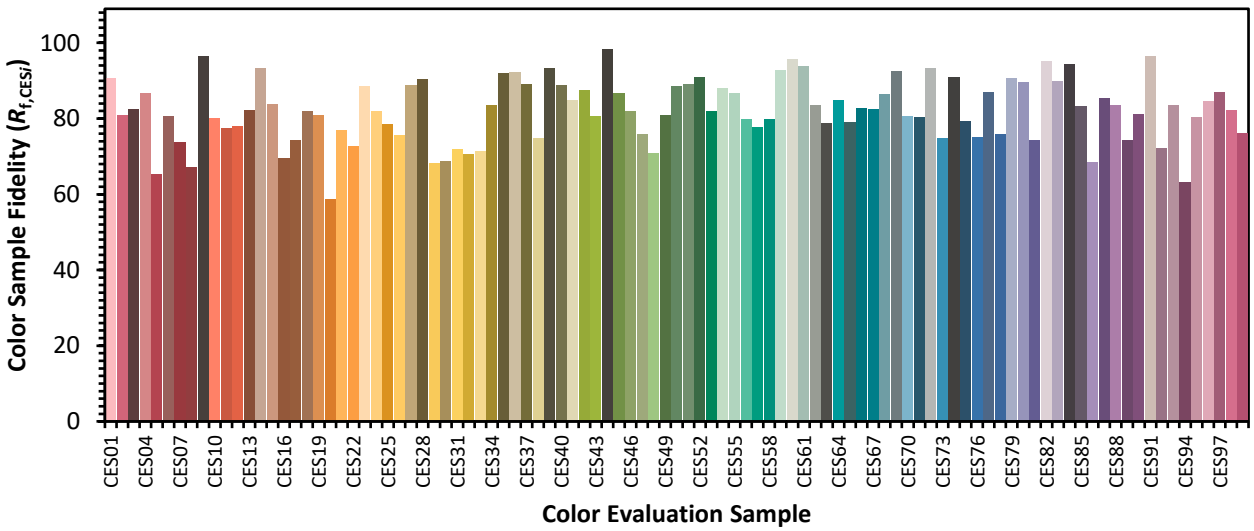


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Individual Sample Fidelity Index ($R_{f,i}$)

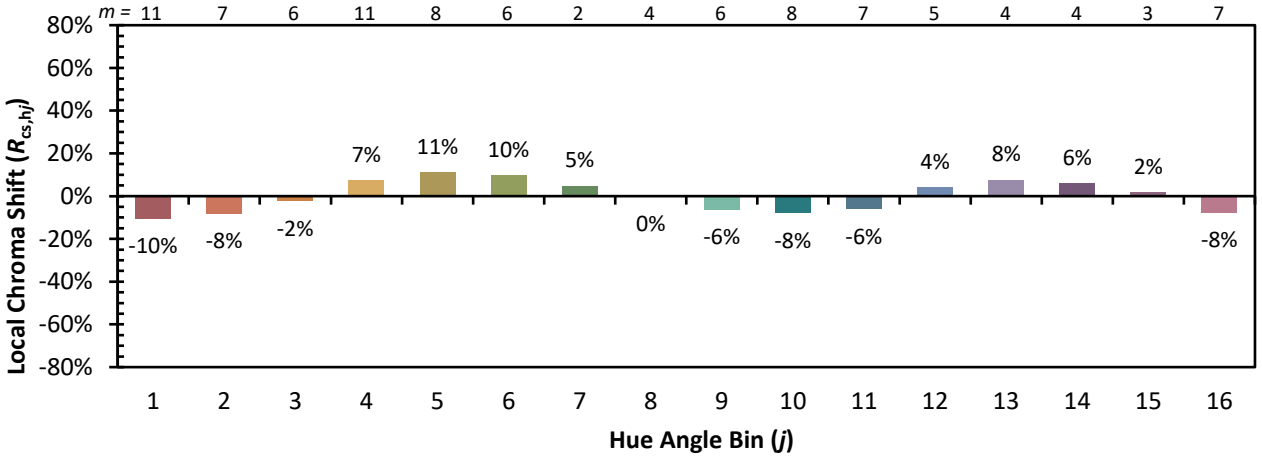
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

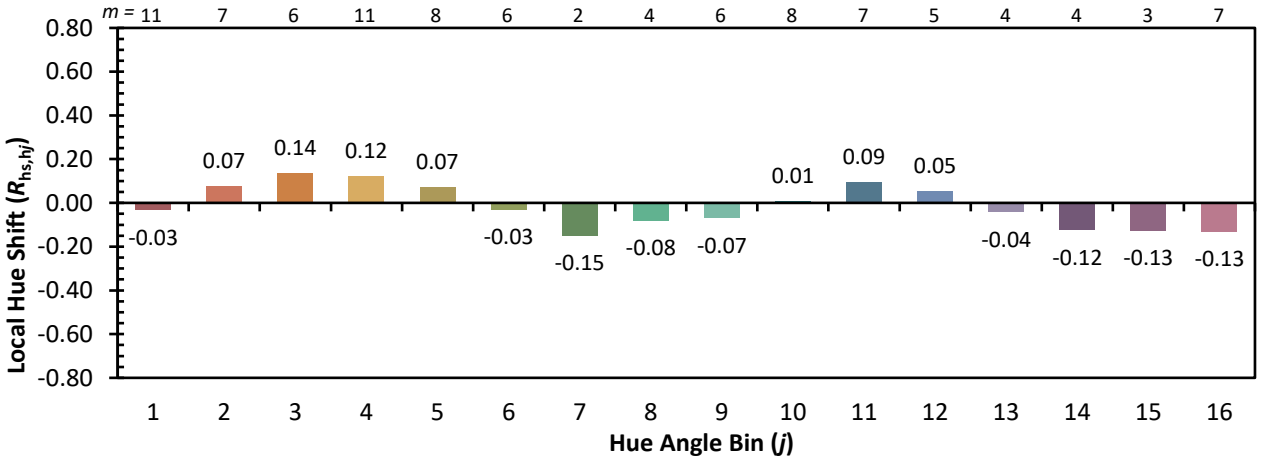


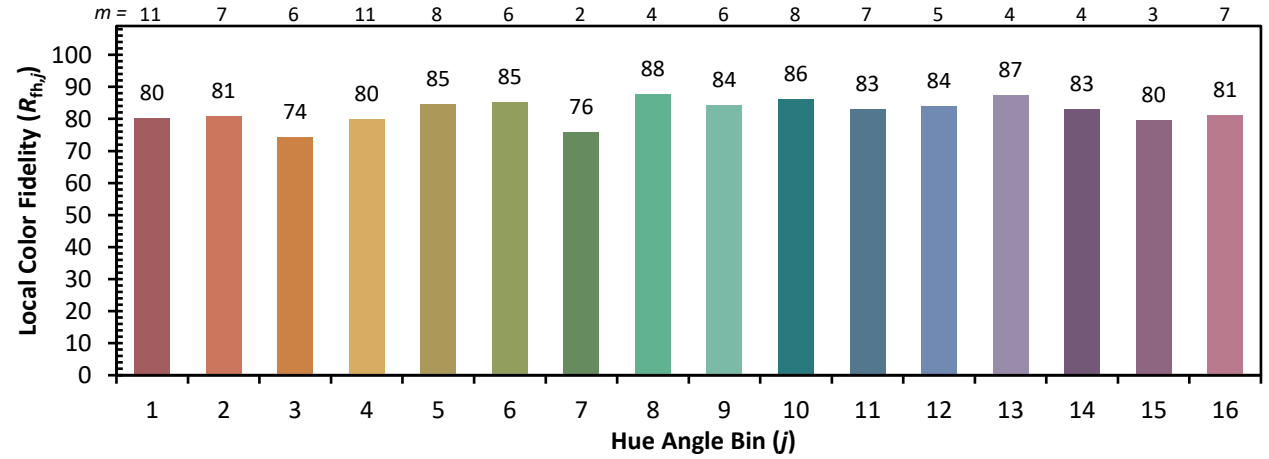
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Color Rendition by Hue-Angle Bin



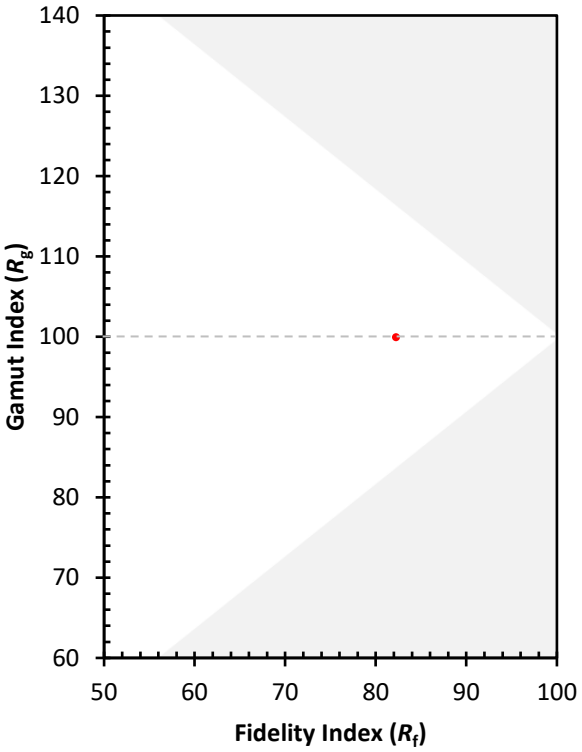


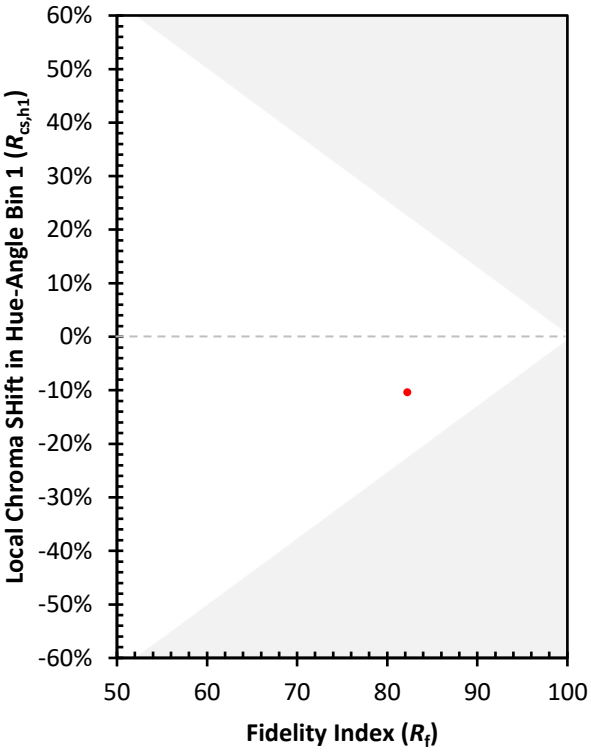


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Measure Comparisons





(END OF REPORT)