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: P1501120

Luminaire Tested: GSS-SB3D-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:	P1501120
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-827-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25405.9 lumens
Efficiency:	N/A
Efficacy:	116.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

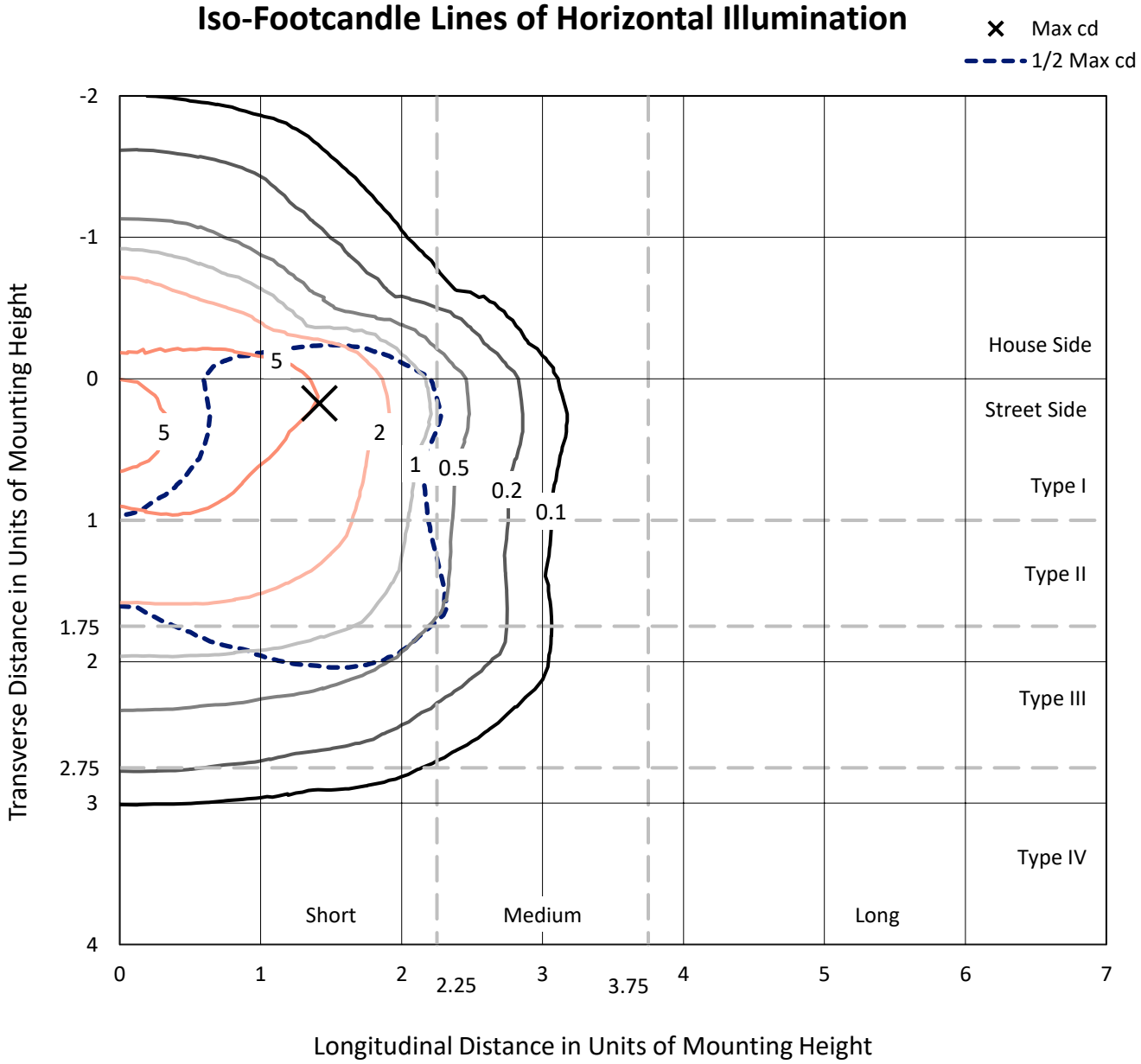
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501120
CATALOG NUMBER: GSS-SB3D-827-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



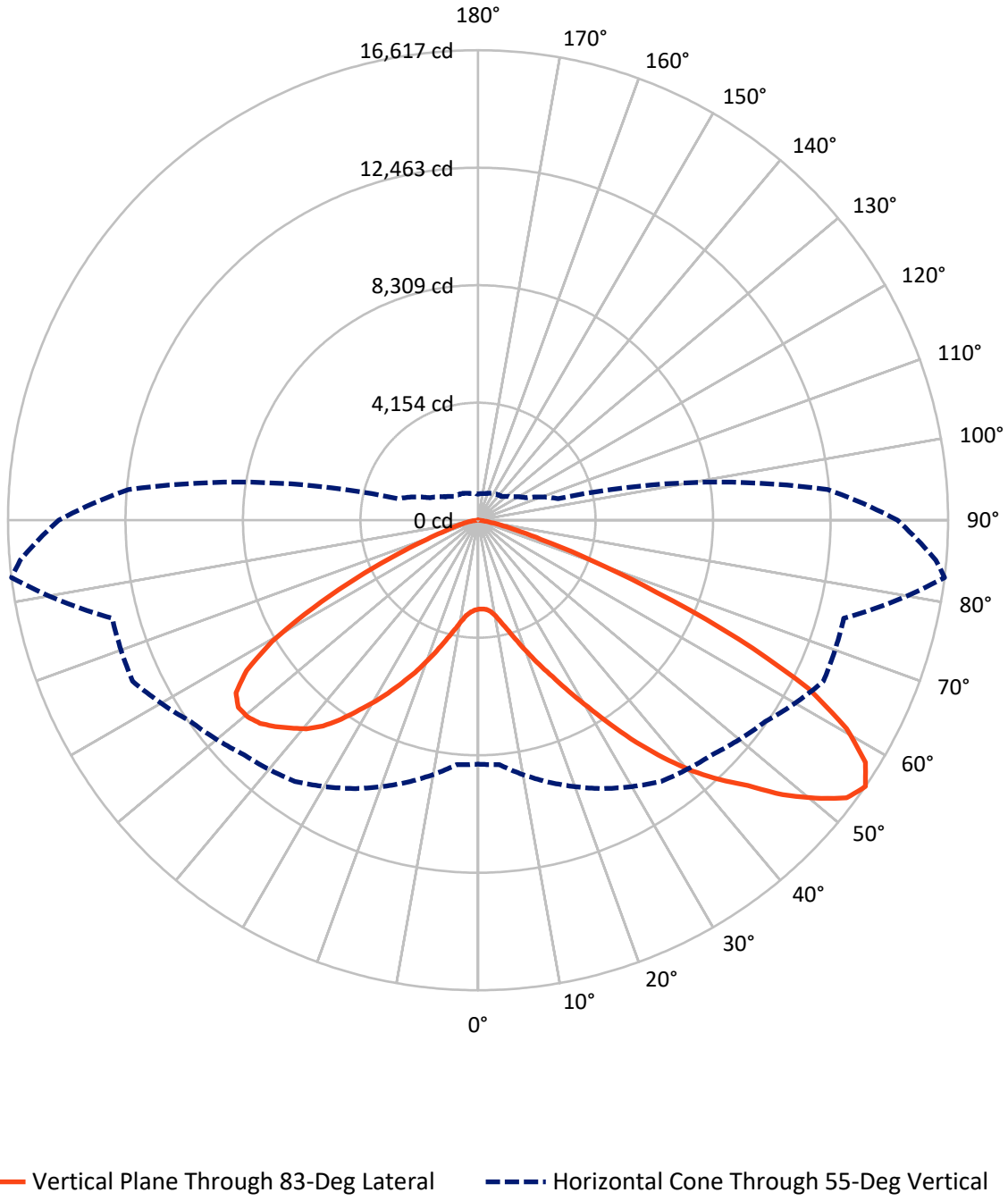
Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1501120
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Luminous Intensity Polar Plot



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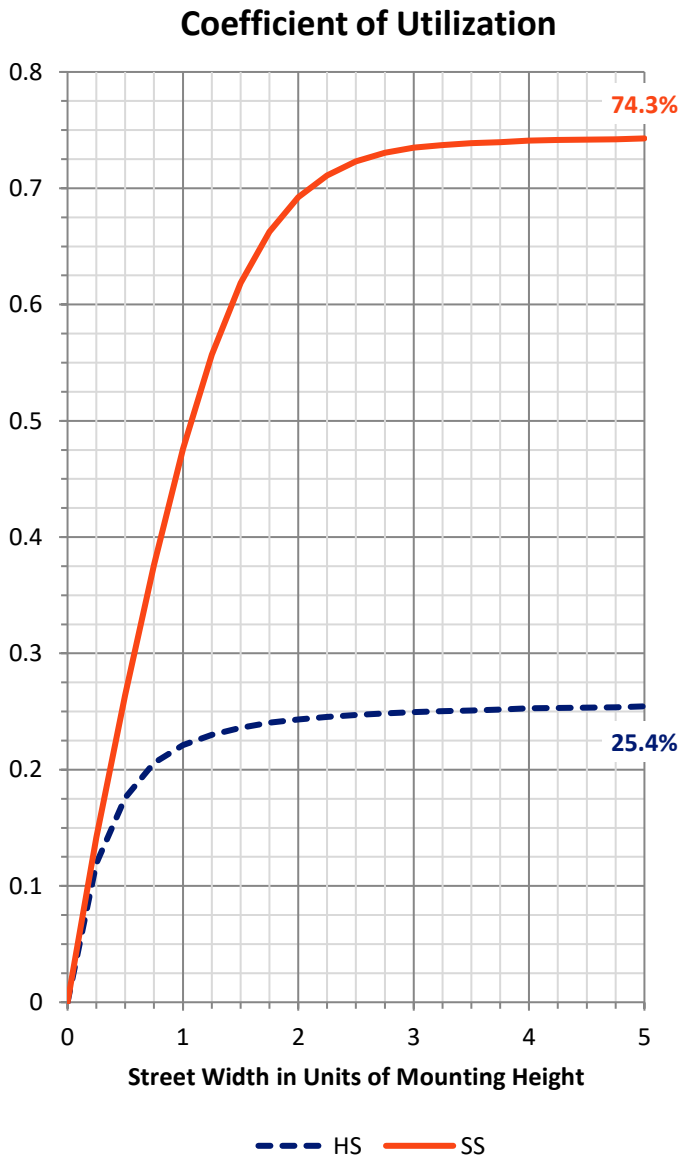
REPORT NUMBER: P1501120
CATALOG NUMBER: GSS-SB3D-827-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6519.7	0.0	6519.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	18886.2	0.0	18886.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	25405.9	0.0	25405.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.9	1.2
10°-20°	989.9	3.9
20°-30°	1981.8	7.8
30°-40°	3526.0	13.9
40°-50°	5313.5	20.9
50°-60°	6474.8	25.5
60°-70°	5235.8	20.6
70°-80°	1434.0	5.6
80°-90°	146.0	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°	25405.9	100.0
0°-180°	25405.9	100.0



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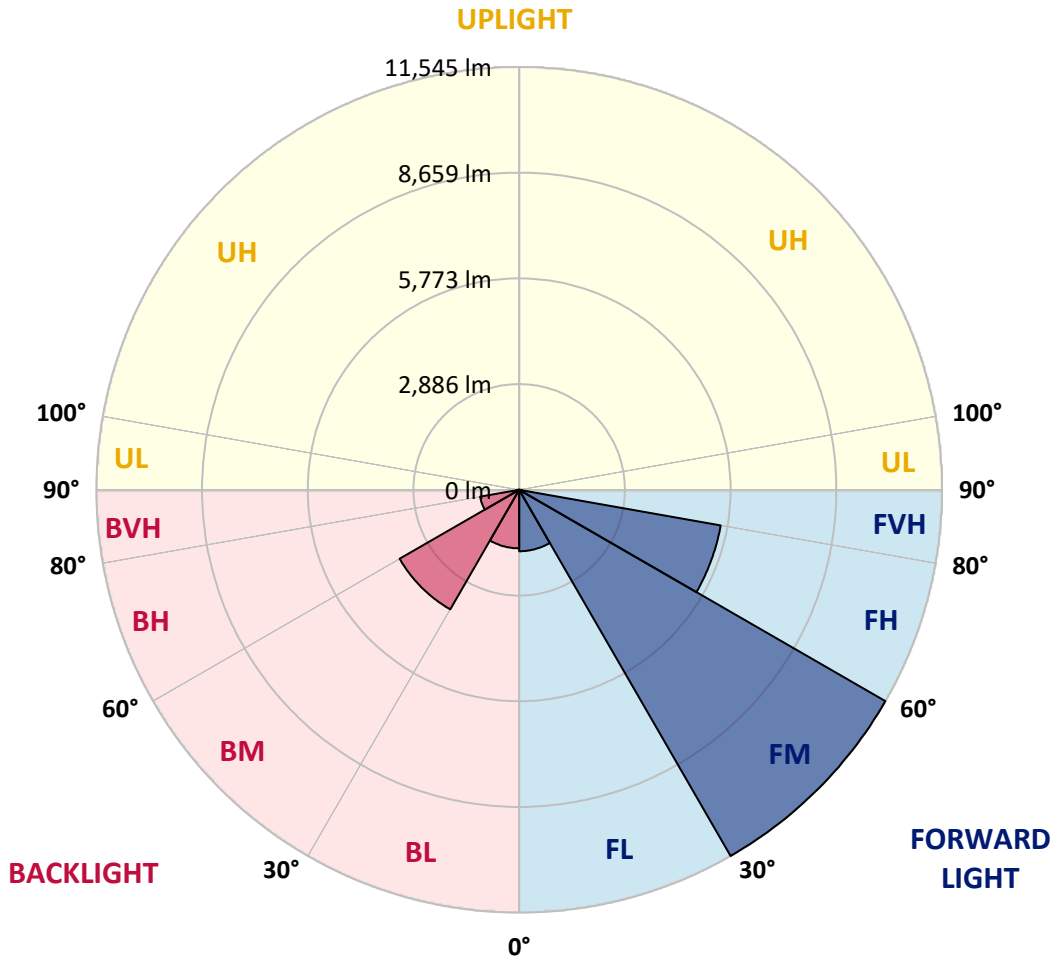
Scaled Data Report

REPORT NUMBER: P1501120
CATALOG NUMBER: GSS-SB3D-827-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1677.5	6.6			
FM	(30°-60°)	11545.2	45.4			
FH	(60°-80°)	5587.4	22.0			G3/7500
FVH	(80°-90°)	76.1	0.3			G1/100
BL	(0°-30°)	1598.1	6.3	B3/2500		
BM	(30°-60°)	3769.1	14.8	B3/5000		
BH	(60°-80°)	1082.5	4.3	B3/2500		G3/2500
BVH	(80°-90°)	70.0	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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Scaled Data Report

REPORT NUMBER: P1501120
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0
2.5°	3054.6	3049.0	3043.3	3037.7	3049.0	3065.9	3082.9	3094.2	3122.4	3145.0	3133.7
5°	2811.8	2800.6	2811.8	2857.0	2896.5	2964.3	3032.1	3077.2	3139.3	3167.6	3178.9
7.5°	2597.3	2586.0	2597.3	2653.8	2721.5	2828.8	2969.9	3082.9	3195.8	3263.6	3274.8
10°	2597.3	2602.9	2602.9	2625.5	2659.4	2766.7	2936.1	3150.6	3348.2	3444.2	3466.8
12.5°	2682.0	2682.0	2682.0	2710.2	2732.8	2817.5	3009.5	3274.8	3591.0	3732.2	3749.1
15°	2794.9	2789.3	2806.2	2823.1	2862.7	2947.4	3139.3	3455.5	3856.4	4071.0	4093.6
17.5°	2953.0	2941.7	2958.7	2998.2	3054.6	3150.6	3342.6	3704.0	4223.4	4494.4	4528.3
20°	3128.0	3122.4	3156.3	3218.4	3297.4	3416.0	3636.2	4003.2	4641.2	4985.7	5047.8
22.5°	3337.0	3325.7	3387.8	3500.7	3608.0	3743.5	4008.9	4392.8	5121.2	5533.4	5595.5
25°	3574.1	3574.1	3658.8	3794.3	3958.0	4200.8	4466.2	4889.7	5685.8	6126.2	6222.2
27.5°	3963.7	3991.9	4025.8	4167.0	4398.5	4725.9	5008.3	5488.2	6301.3	6854.6	6888.5
30°	4596.1	4584.8	4641.2	4737.2	4929.2	5273.6	5697.1	6210.9	7080.4	7662.0	7746.7
32.5°	5166.3	5183.3	5262.3	5443.0	5674.5	5968.1	6476.3	7108.7	7927.4	8599.3	8638.8
35°	5742.3	5753.6	5906.0	6177.0	6521.5	6848.9	7402.3	8023.4	8847.7	9643.8	9751.1
37.5°	6549.7	6538.4	6690.8	6922.3	7385.3	7893.5	8339.6	8932.4	9728.5	10660.2	10784.4
40°	7153.8	7215.9	7503.9	7797.5	8232.3	8757.4	9135.7	9694.7	10451.3	11653.9	11766.9
42.5°	7774.9	7825.7	8209.7	8650.1	9107.5	9463.2	9756.8	10276.2	11027.2	12534.7	12596.9
45°	8288.7	8356.5	8796.9	9355.9	9830.2	10191.5	10293.2	10778.8	11614.4	13381.7	13477.7
47.5°	8616.2	8689.6	9209.1	9864.1	10349.6	10733.6	10699.7	11382.9	12241.1	14505.3	14471.4
50°	8842.1	8887.2	9451.9	10152.0	10784.4	11038.5	11185.3	12066.1	12884.8	15448.2	15324.0
52.5°	9005.8	9079.2	9593.0	10360.9	11027.2	11360.3	11755.6	12856.6	13330.9	16312.1	16035.4
55°	8621.9	8678.3	9581.7	10468.2	11275.6	11716.0	12404.9	13472.0	13387.3	16617.0	16244.4
57.5°	8226.6	8271.8	9107.5	10440.0	11546.6	12156.4	13144.5	13551.1	12884.8	16148.4	15679.7
60°	7729.8	7763.6	8599.3	10140.7	11552.3	12500.9	13522.8	12975.2	11953.2	14968.3	14522.2
62.5°	6815.1	6815.1	7735.4	9333.3	11270.0	12675.9	13421.2	11885.4	10705.3	13110.7	12495.2
65°	5911.7	5872.1	6493.2	7893.5	10519.0	12630.7	12659.0	10507.7	8768.7	10112.5	9632.6
67.5°	4929.2	4934.9	5301.9	6408.5	8520.2	11687.8	11049.8	8119.4	6109.3	6809.4	6561.0
70°	3337.0	3421.6	3794.3	4652.5	6425.5	8283.1	8796.9	5499.5	3811.2	4229.1	4025.8
72.5°	1270.4	1287.4	1722.1	2439.2	4059.7	4980.0	6137.5	3077.2	2230.3	2331.9	2343.2
75°	536.4	559.0	734.0	1027.6	1801.2	2715.9	3229.7	1558.4	1355.1	1394.6	1383.3
77.5°	361.4	372.7	446.1	553.3	813.1	1089.7	1349.5	880.8	830.0	779.2	756.6
80°	271.0	271.0	321.8	372.7	457.3	559.0	587.2	446.1	496.9	412.2	400.9
82.5°	175.0	186.3	203.3	220.2	259.7	276.7	237.1	242.8	288.0	214.6	203.3
85°	84.7	90.3	96.0	101.6	101.6	96.0	84.7	107.3	146.8	90.3	84.7
87.5°	11.3	11.3	11.3	11.3	11.3	11.3	5.6	5.6	5.6	5.6	5.6
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: P1501120
CATALOG NUMBER: GSS-SB3D-827-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0	3145.0
2.5°	3150.6	3173.2	3190.1	3201.4	3229.7	3224.0	3241.0	3252.3	3263.6	3280.5	3257.9
5°	3207.1	3246.6	3291.8	3325.7	3359.5	3376.5	3382.1	3393.4	3399.1	3410.4	3404.7
7.5°	3331.3	3376.5	3444.2	3478.1	3506.3	3506.3	3489.4	3483.8	3466.8	3478.1	3478.1
10°	3540.2	3608.0	3681.4	3687.0	3653.1	3613.6	3551.5	3517.6	3472.5	3461.2	3449.9
12.5°	3845.1	3935.5	3991.9	3952.4	3833.8	3687.0	3523.3	3370.8	3252.3	3201.4	3190.1
15°	4189.5	4302.5	4313.8	4200.8	3986.3	3630.6	3286.1	3116.7	3054.6	3054.6	3049.0
17.5°	4663.8	4742.9	4697.7	4426.7	3946.8	3365.2	3116.7	3088.5	3105.5	3128.0	3128.0
20°	5160.7	5251.0	5064.7	4584.8	3704.0	3207.1	3133.7	3156.3	3195.8	3218.4	3212.7
22.5°	5753.6	5798.7	5437.4	4590.4	3444.2	3167.6	3167.6	3195.8	3224.0	3257.9	3257.9
25°	6363.4	6346.4	5781.8	4381.5	3297.4	3156.3	3145.0	3167.6	3178.9	3195.8	3190.1
27.5°	7046.6	6956.2	6047.2	4048.4	3252.3	3122.4	3065.9	3043.3	3054.6	3071.6	3077.2
30°	7831.4	7616.8	6261.7	3839.5	3235.3	3043.3	2907.8	2845.7	2834.4	2857.0	2857.0
32.5°	8740.4	8277.4	6391.6	3811.2	3218.4	2902.2	2721.5	2602.9	2580.4	2591.6	2619.9
35°	9672.1	9073.6	6357.7	3884.6	3224.0	2789.3	2523.9	2365.8	2343.2	2354.5	2382.7
37.5°	10648.9	9830.2	6227.8	3997.6	3178.9	2636.8	2343.2	2151.2	2117.4	2139.9	2151.2
40°	11405.5	10468.2	5906.0	4042.7	3099.8	2444.8	2134.3	1970.6	1880.2	1874.6	1902.8
42.5°	12105.6	10970.7	5555.9	3969.3	2936.1	2241.6	1919.7	1756.0	1614.8	1507.6	1507.6
45°	12805.8	11478.9	5200.2	3760.4	2665.0	2027.0	1693.9	1473.7	1309.9	1230.9	1236.5
47.5°	13505.9	11970.1	4776.8	3444.2	2394.0	1801.2	1451.1	1276.1	1163.1	1101.0	1101.0
50°	14155.2	12325.8	4234.7	2941.7	2083.5	1575.3	1281.7	1180.1	1095.4	1038.9	1027.6
52.5°	14725.5	12563.0	3500.7	2331.9	1744.7	1321.2	1191.4	1112.3	1050.2	988.1	971.2
55°	*14827.1*	*12404.9*	*2930.4*	*1874.6*	*1439.8*	*1185.7*	*1123.6*	*1055.9*	*971.2*	*942.9*	*926.0*
57.5°	14200.4	11569.2	2473.1	1581.0	1230.9	1089.7	1067.1	988.1	920.3	892.1	875.2
60°	13133.3	10050.4	2044.0	1355.1	1095.4	999.4	1027.6	948.6	841.3	824.4	807.4
62.5°	11213.5	7842.7	1631.8	1140.5	993.7	931.6	959.9	846.9	756.6	734.0	728.4
65°	8717.9	5612.4	1372.0	1005.0	914.7	863.9	852.6	751.0	683.2	666.3	666.3
67.5°	6086.7	3568.4	1146.2	920.3	813.1	779.2	773.5	705.8	660.6	643.7	643.7
70°	3726.5	2162.5	965.5	841.3	717.1	655.0	694.5	683.2	615.4	598.5	592.9
72.5°	1936.7	1293.0	846.9	773.5	604.2	559.0	621.1	626.7	570.3	592.9	587.2
75°	1123.6	897.8	739.7	683.2	479.9	468.6	542.0	598.5	553.3	570.3	559.0
77.5°	643.7	575.9	570.3	559.0	378.3	383.9	485.6	536.4	474.3	491.2	451.7
80°	355.7	372.7	395.2	350.1	265.4	299.3	389.6	429.1	361.4	355.7	327.5
82.5°	186.3	231.5	265.4	225.9	152.4	180.7	265.4	265.4	231.5	220.2	214.6
85°	84.7	96.0	124.2	112.9	56.5	67.8	124.2	135.5	118.6	107.3	101.6
87.5°	5.6	5.6	5.6	5.6	5.6	5.6	11.3	16.9	5.6	5.6	5.6
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

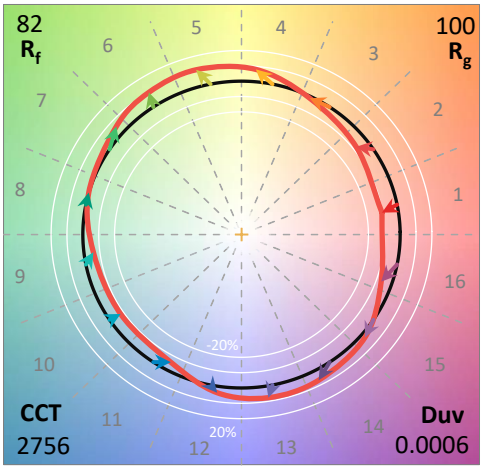
Test Information

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

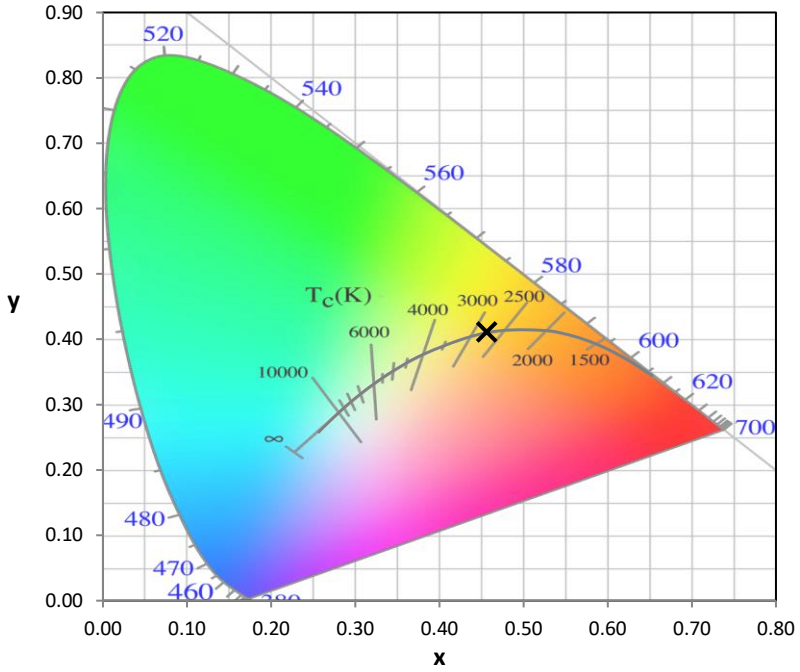
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

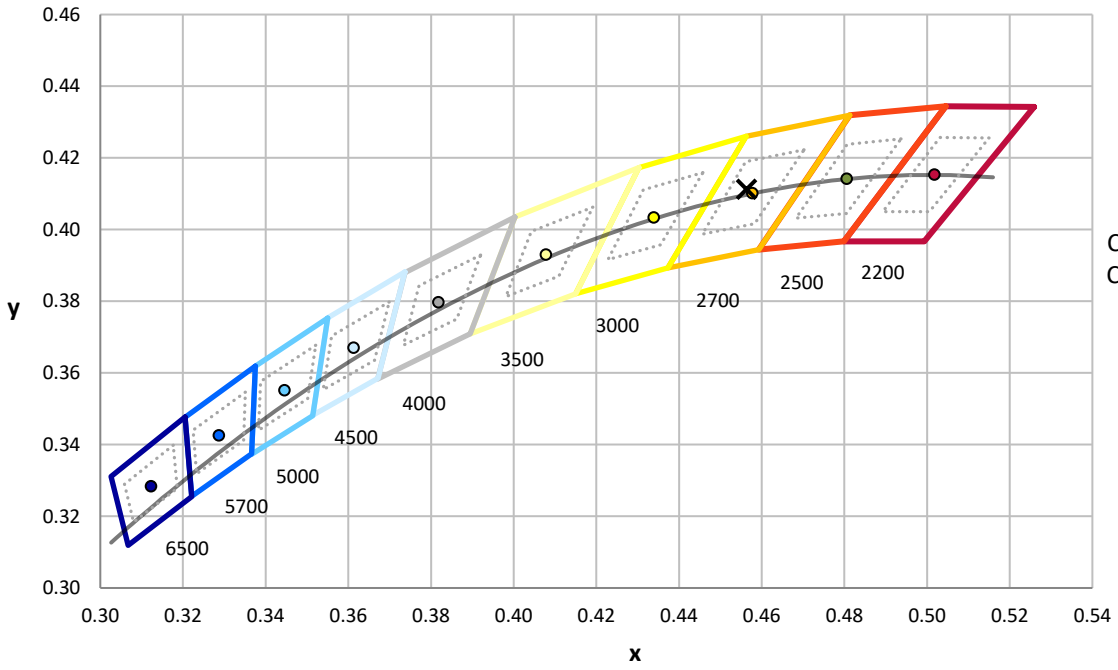
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

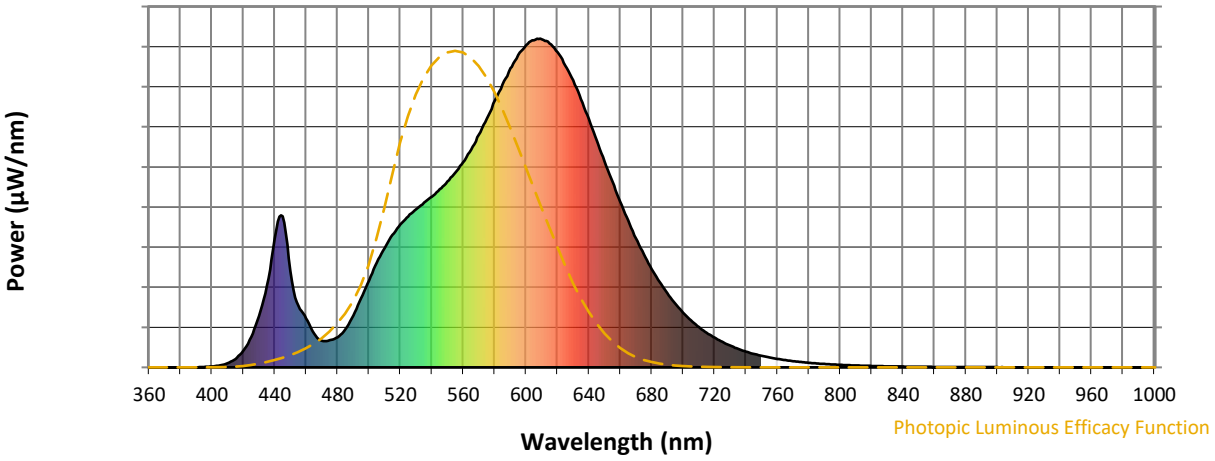


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

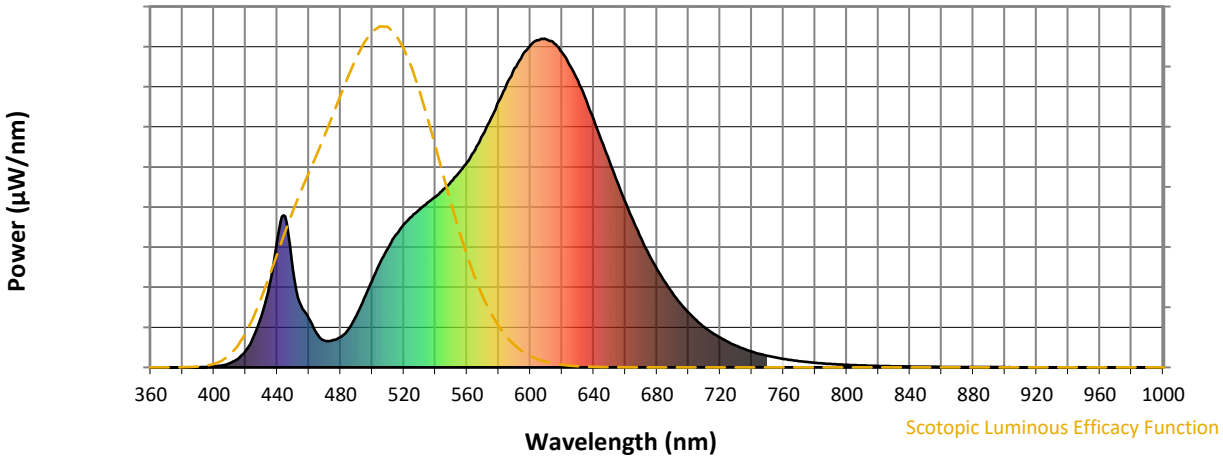


Photopic Lumens: NR

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

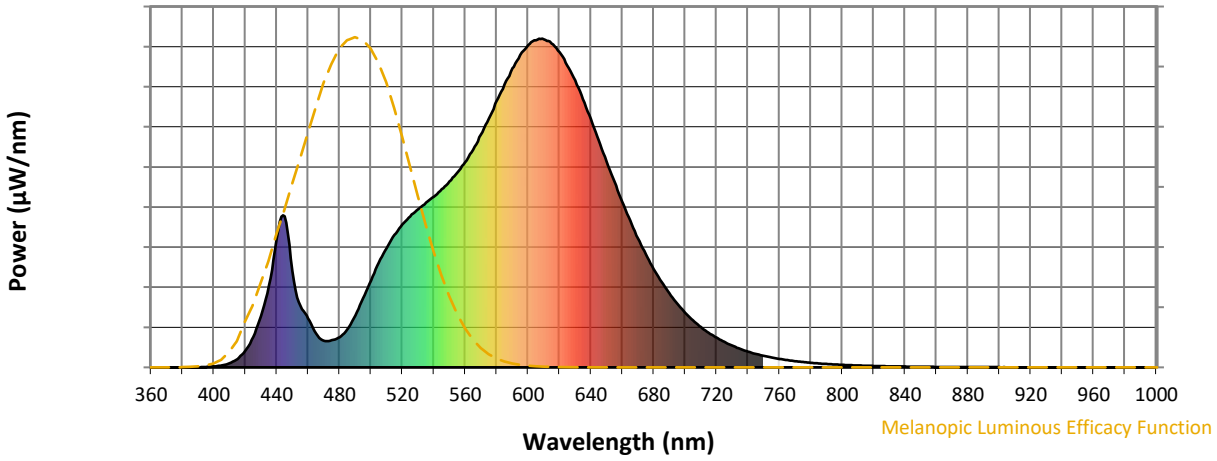


Scotopic Lumens: NR **S/P: 1.2**

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			

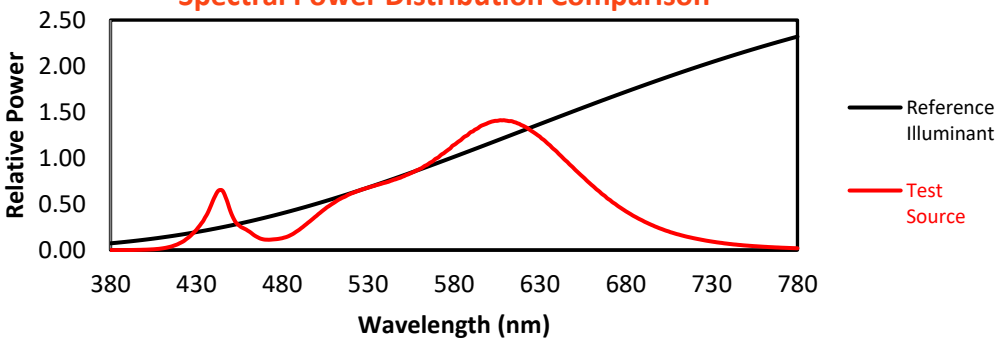
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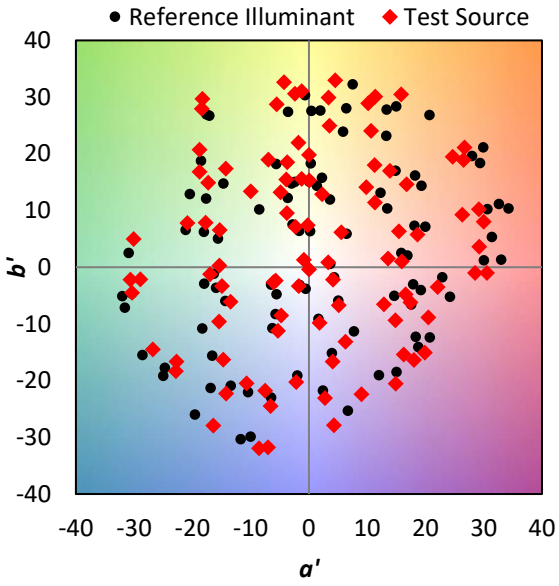
Summary

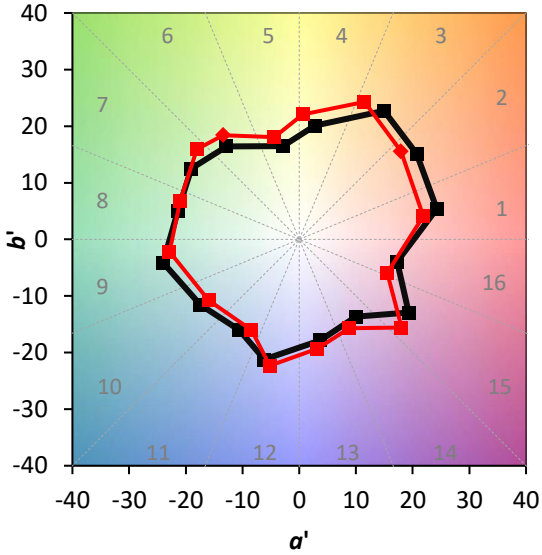
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

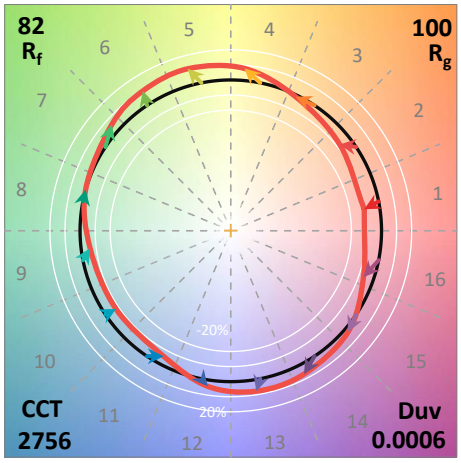
Spectral Power Distribution Comparison

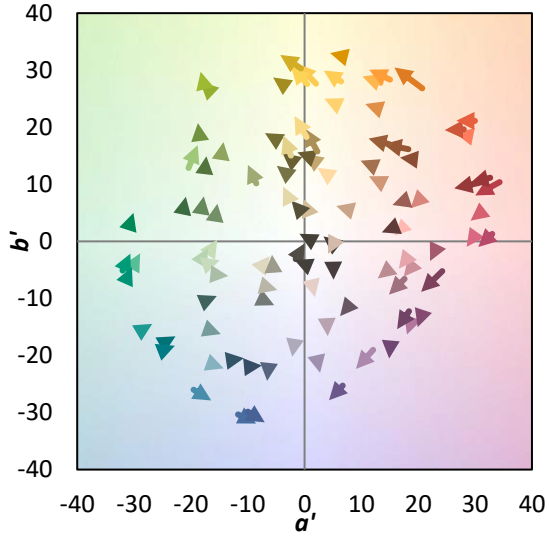


Color Vector Graphics







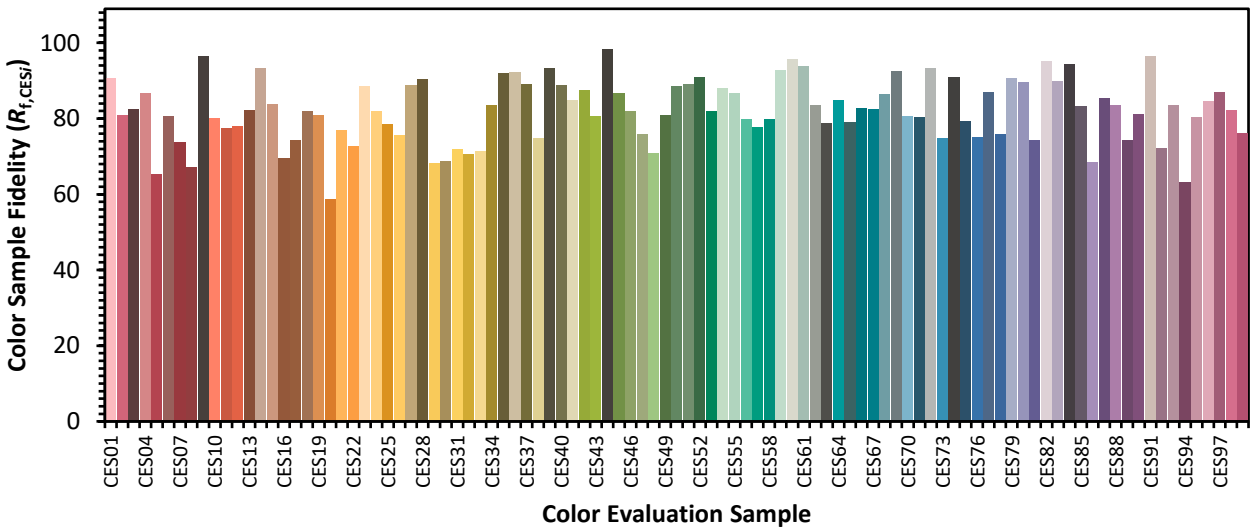


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Individual Sample Fidelity Index ($R_{f,i}$)

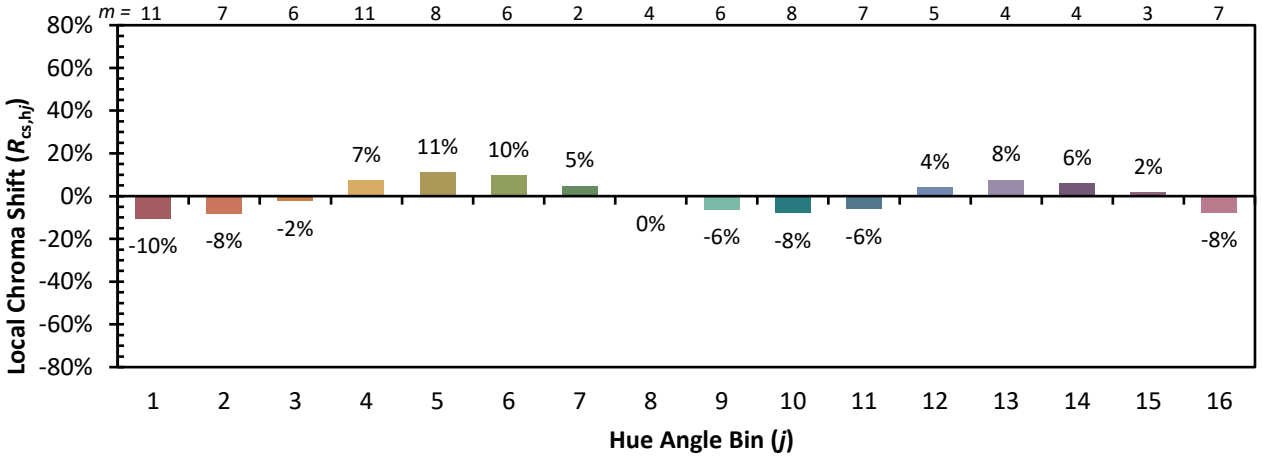
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

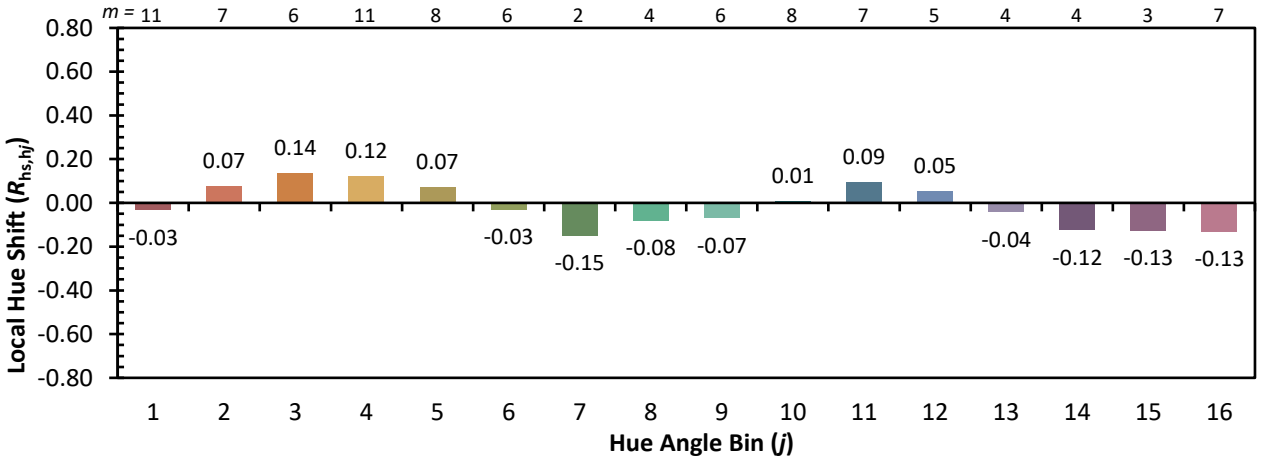


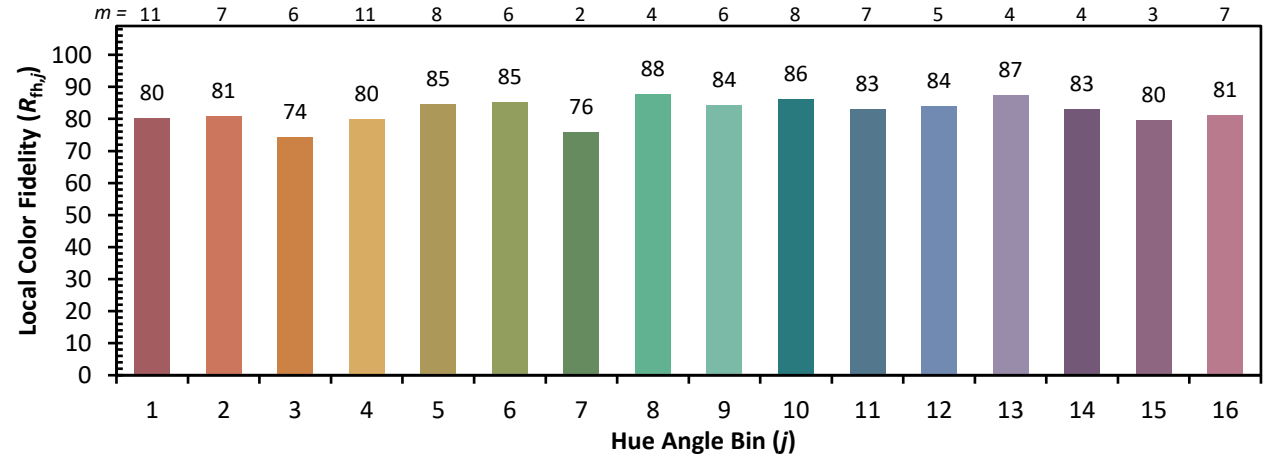
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Color Rendition by Hue-Angle Bin



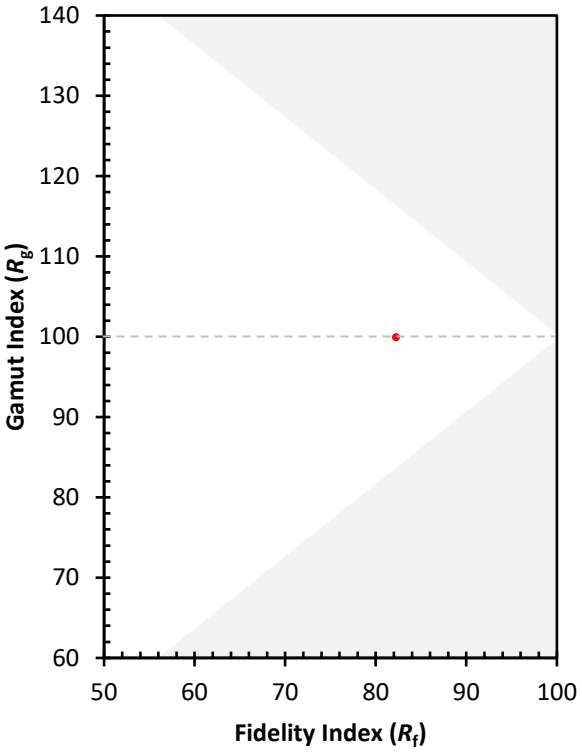


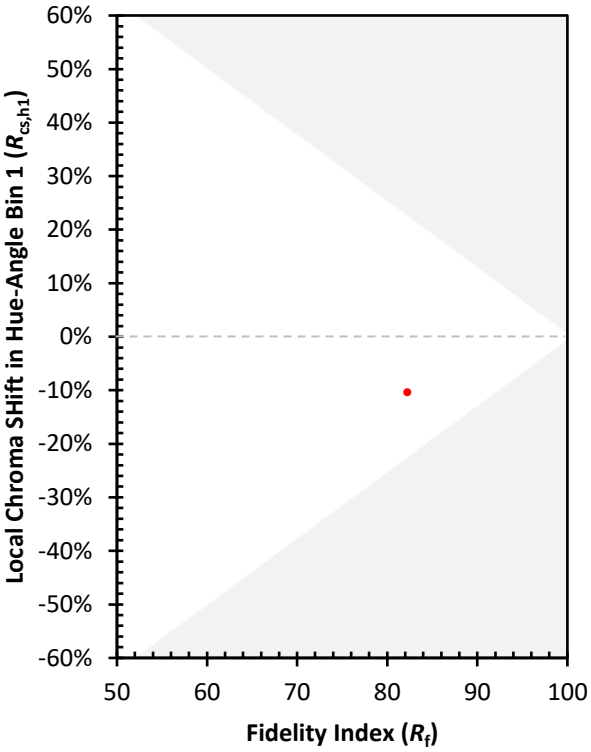


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Measure Comparisons





(END OF REPORT)