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: P1502658

Luminaire Tested: GSS-SB4B-827-U-T4LG-HSS

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:	P1502658
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15382.7 lumens
Efficiency:	N/A
Efficacy:	103.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

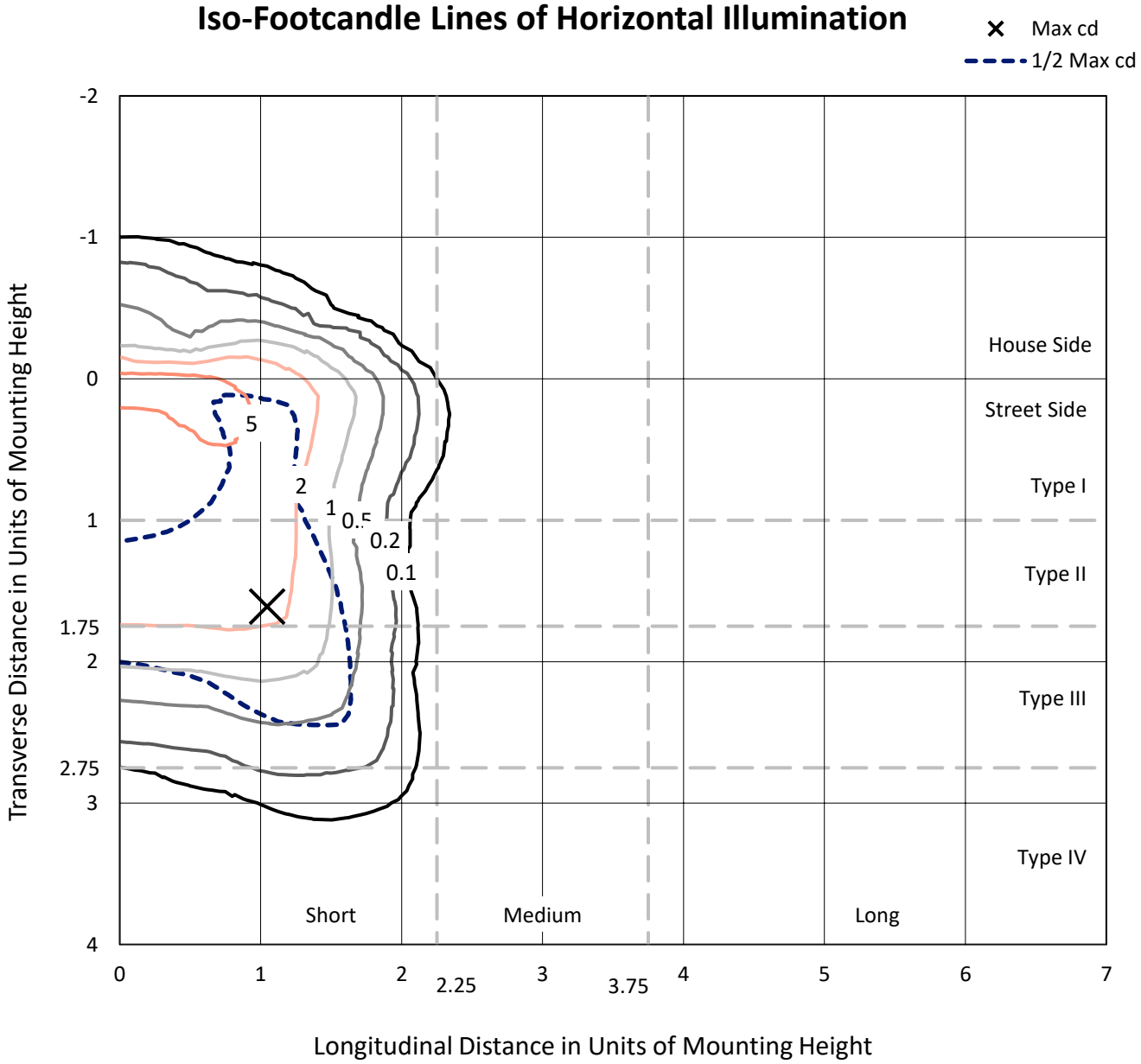
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502658
CATALOG NUMBER: GSS-SB4B-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



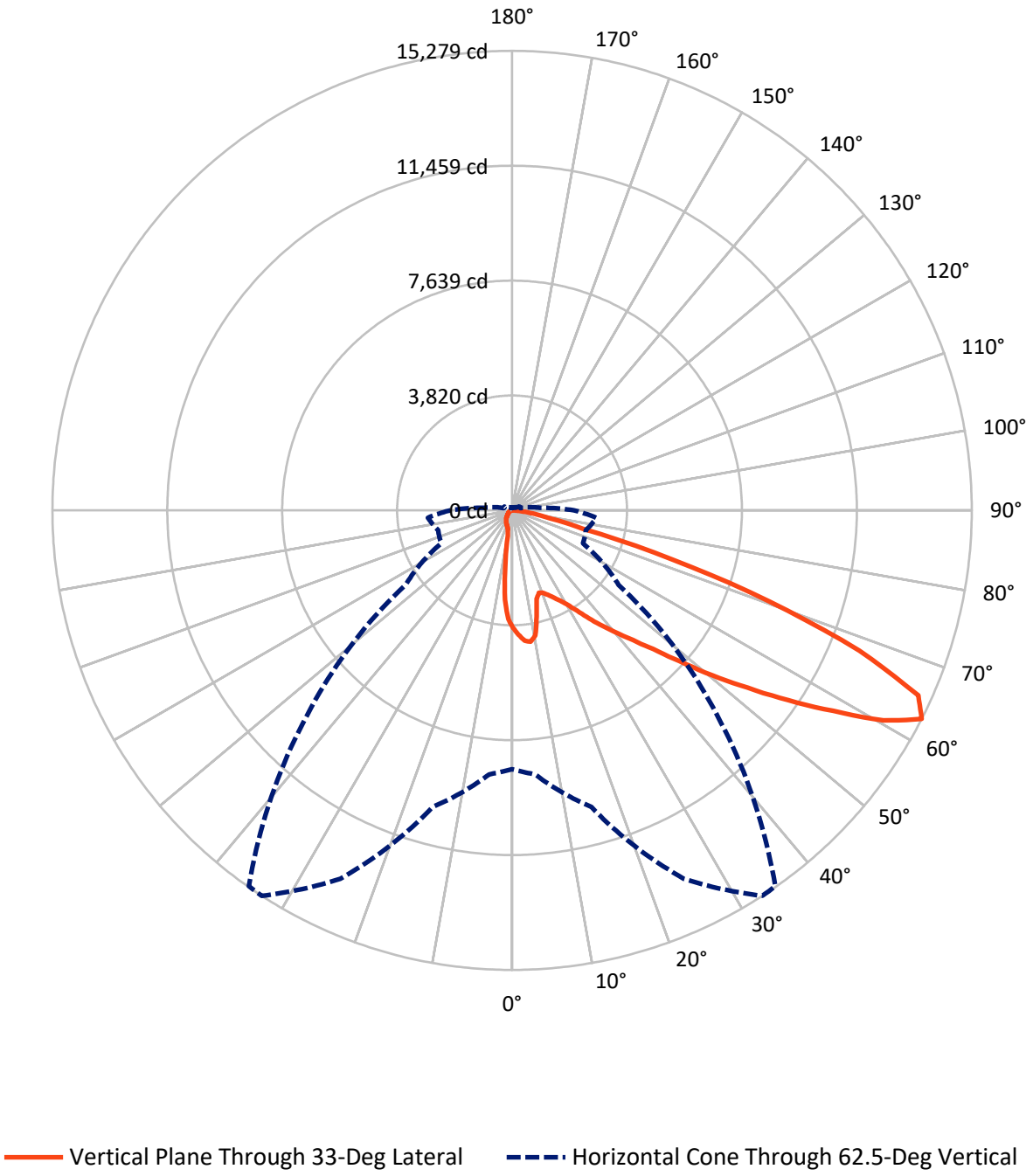
Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502658
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Luminous Intensity Polar Plot



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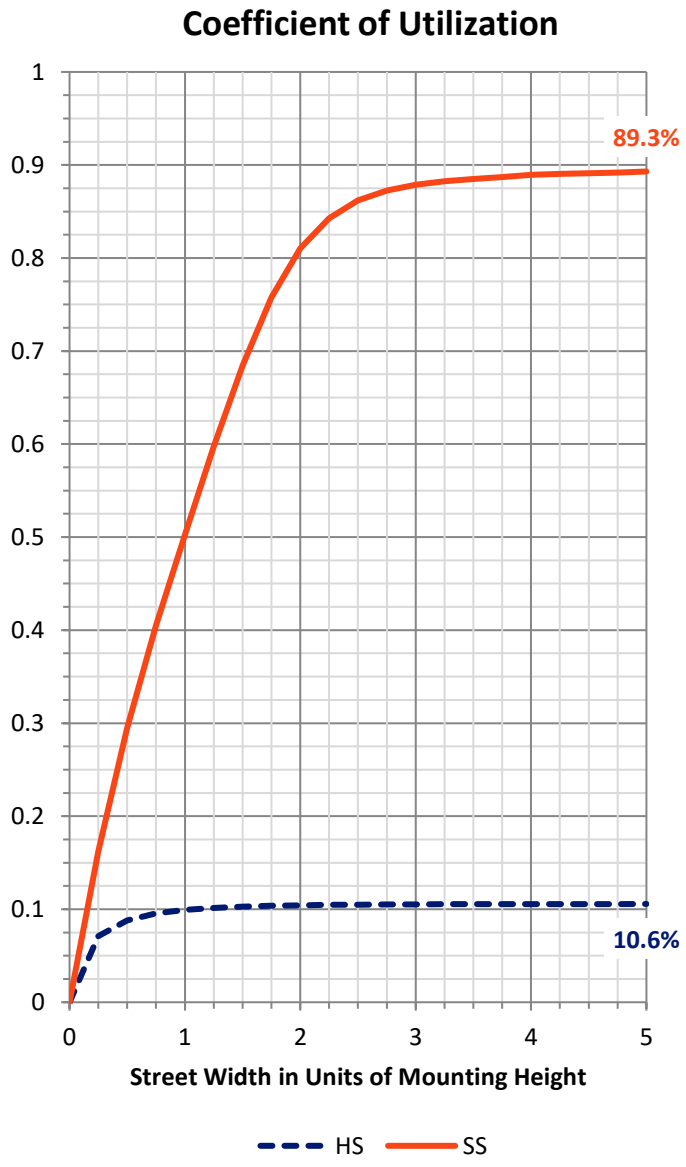
REPORT NUMBER: P1502658
CATALOG NUMBER: GSS-SB4B-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1636.8	0.0	1636.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	13745.9	0.0	13745.9
	% Fixture	89.4	0.0	89.4
Total	Lumens	15382.7	0.0	15382.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.2	2.2
10°-20°	741.3	4.8
20°-30°	1194.8	7.8
30°-40°	1987.6	12.9
40°-50°	3141.5	20.4
50°-60°	4220.5	27.4
60°-70°	3098.3	20.1
70°-80°	613.2	4.0
80°-90°	53.3	0.3
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°	15382.7	100.0
0°-180°	15382.7	100.0



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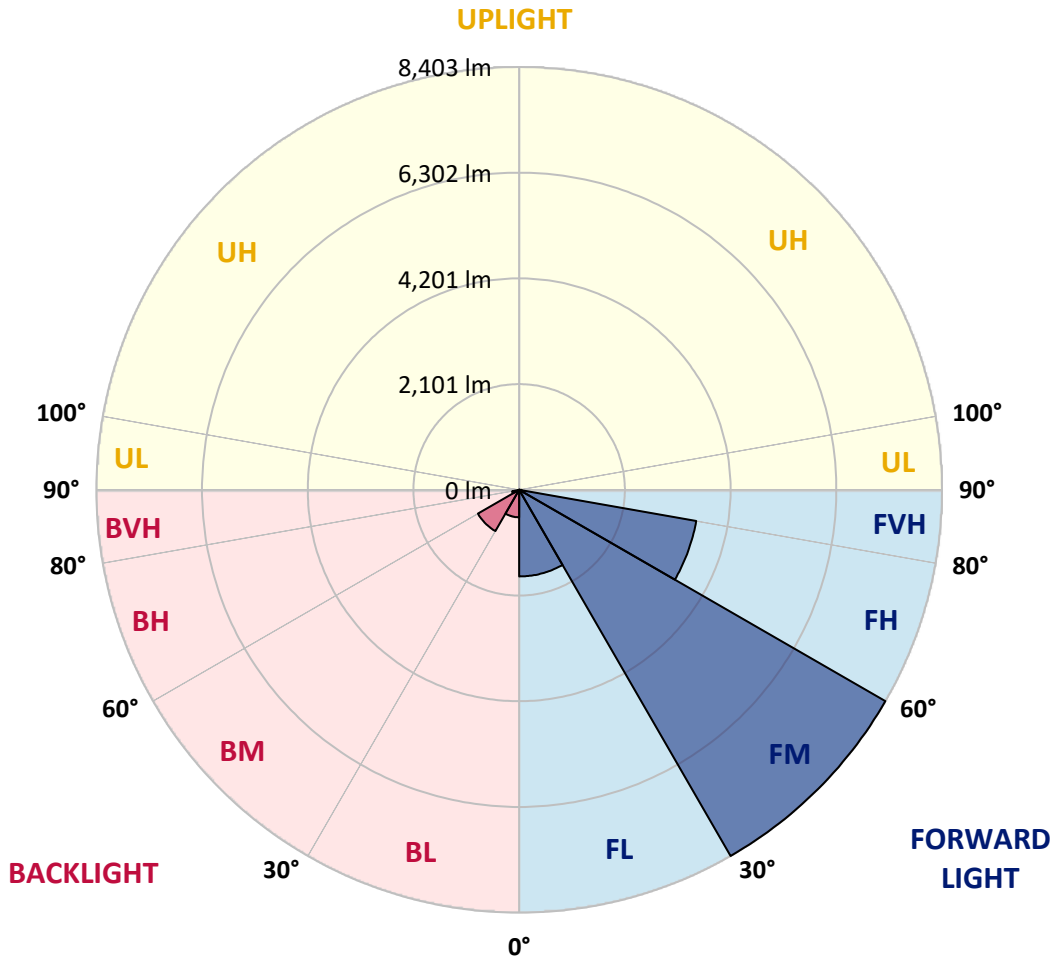
Scaled Data Report

REPORT NUMBER: P1502658
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1722.2	11.2			
FM	(30°-60°)	8402.8	54.6			
FH	(60°-80°)	3571.7	23.2			G2/5000
FVH	(80°-90°)	49.3	0.3			G1/100
BL	(0°-30°)	546.1	3.6	B2/1000		
BM	(30°-60°)	946.9	6.2	B1/1000		
BH	(60°-80°)	139.9	0.9	B1/500		G1/500
BVH	(80°-90°)	4.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4
2.5°	4163.0	4180.3	4180.3	4145.6	4137.0	4119.6	4102.3	4098.0	4041.7	3998.4	3955.0
5°	4375.2	4370.9	4366.6	4349.2	4353.6	4331.9	4318.9	4297.3	4202.0	4137.0	4020.0
7.5°	4284.3	4323.2	4340.6	4388.2	4409.9	4405.6	4440.2	4448.9	4366.6	4275.6	4098.0
10°	3690.8	3669.1	3825.1	4028.7	4232.3	4279.9	4466.2	4565.8	4535.5	4453.2	4223.6
12.5°	2924.0	2945.7	3054.0	3292.3	3625.8	3729.8	4266.9	4661.1	4747.8	4695.8	4396.9
15°	2677.1	2677.1	2733.4	2846.1	3045.3	3145.0	3807.7	4648.1	4973.0	4977.4	4613.5
17.5°	2625.1	2633.8	2681.5	2755.1	2885.1	2928.4	3391.9	4457.5	5194.0	5271.9	4856.1
20°	2633.8	2646.8	2698.8	2802.7	2928.4	2980.4	3283.6	4214.9	5380.2	5592.5	5111.7
22.5°	2664.1	2659.8	2750.8	2889.4	3049.7	3097.3	3374.6	4115.3	5536.2	5960.7	5410.6
25°	2698.8	2703.1	2820.1	3015.0	3209.9	3266.3	3578.2	4206.3	5648.8	6354.9	5713.8
27.5°	2802.7	2815.7	2958.7	3171.0	3400.5	3474.2	3842.4	4444.5	5843.7	6736.1	6043.0
30°	2963.0	2976.0	3140.6	3396.2	3643.1	3755.8	4171.6	4743.4	6134.0	7178.0	6380.9
32.5°	3149.3	3166.6	3378.9	3673.5	3972.4	4080.7	4548.5	5198.3	6519.5	7628.5	6731.8
35°	3383.2	3430.9	3660.5	4011.3	4414.2	4518.2	5012.0	5713.8	7022.0	8031.4	7030.7
37.5°	3703.8	3742.8	4024.3	4461.9	4869.1	5007.7	5531.8	6255.3	7476.9	8390.9	7273.3
40°	4093.7	4128.3	4444.5	4921.0	5345.6	5462.5	6077.7	6801.1	7966.4	8590.2	7325.3
42.5°	4743.4	4838.7	5038.0	5440.9	5895.7	6043.0	6684.1	7329.6	8321.6	8629.2	7243.0
45°	5878.4	5908.7	5952.0	6142.6	6580.2	6710.1	7325.3	7788.8	8533.9	8637.8	7169.3
47.5°	6965.7	7069.7	7130.3	7217.0	7481.2	7528.9	7996.7	8200.3	8702.8	8607.5	7169.3
50°	8053.0	8131.0	8235.0	8338.9	8620.5	8637.8	8707.1	8477.5	8711.5	8360.6	7126.0
52.5°	9040.7	9066.7	9244.3	9443.6	9794.4	9889.7	9365.6	8681.1	8187.3	7580.8	6922.4
55°	9924.4	9959.1	10227.6	10634.8	11137.3	11263.0	10171.3	8286.9	7065.3	6571.5	6450.2
57.5°	10496.2	10578.5	11115.7	12012.4	12579.9	12523.5	10795.1	7364.2	5674.8	5375.9	5614.2
60°	10210.3	10322.9	11453.6	13169.0	14178.3	14013.7	10621.8	6060.3	4193.3	3976.7	4444.5
62.5°	8603.2	8811.1	10210.3	13511.2	15278.6	15252.6	9642.8	4323.2	2599.1	2542.8	2807.1
65°	5982.4	6341.9	8001.0	12367.6	14836.8	14875.8	8118.0	2516.8	1204.3	1494.5	1641.8
67.5°	3526.2	3781.8	5155.0	10097.7	12449.9	12090.4	5518.9	1165.3	602.1	909.7	870.7
70°	1550.8	1724.1	2954.4	6996.0	9071.0	8490.5	2694.4	567.5	459.2	550.2	480.8
72.5°	853.4	931.4	1555.2	3695.1	5518.9	5245.9	909.7	376.9	394.2	411.5	346.6
75°	476.5	511.2	818.7	2135.6	2425.9	2256.9	441.9	246.9	333.6	333.6	255.6
77.5°	277.2	307.6	511.2	1329.9	1329.9	1074.3	268.6	155.9	251.3	225.3	138.6
80°	130.0	147.3	281.6	736.4	840.4	693.1	151.6	108.3	164.6	143.0	91.0
82.5°	39.0	47.7	138.6	285.9	476.5	407.2	78.0	69.3	121.3	91.0	52.0
85°	26.0	30.3	69.3	117.0	233.9	203.6	26.0	21.7	52.0	43.3	21.7
87.5°	4.3	4.3	8.7	8.7	8.7	8.7	4.3	4.3	0.0	0.0	0.0
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: P1502658
CATALOG NUMBER: GSS-SB4B-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4	3907.4
2.5°	3929.0	3898.7	3829.4	3764.4	3729.8	3651.8	3621.5	3586.8	3569.5	3565.2	3539.2
5°	3946.4	3890.1	3716.8	3543.5	3361.6	3188.3	3010.7	2854.7	2729.1	2733.4	2737.8
7.5°	3998.4	3885.7	3582.5	3235.9	2846.1	2395.5	1914.7	1555.2	1325.6	1277.9	1234.6
10°	4067.7	3903.0	3417.9	2776.8	2010.0	1264.9	892.4	762.4	706.1	693.1	697.4
12.5°	4197.6	3946.4	3209.9	2144.3	1113.3	727.8	645.5	623.8	615.1	615.1	615.1
15°	4357.9	4007.0	2885.1	1403.5	727.8	606.5	589.1	584.8	576.1	576.1	580.5
17.5°	4492.2	4007.0	2456.2	914.0	597.8	563.1	550.2	545.8	545.8	550.2	545.8
20°	4639.5	3976.7	1975.4	688.8	554.5	524.2	515.5	515.5	515.5	519.8	519.8
22.5°	4791.1	3924.7	1529.2	589.1	515.5	489.5	485.2	489.5	493.8	498.2	498.2
25°	4960.0	3859.7	1208.6	545.8	480.8	459.2	459.2	459.2	463.5	472.2	476.5
27.5°	5146.3	3803.4	1035.3	519.8	450.5	428.9	428.9	433.2	441.9	446.2	450.5
30°	5319.6	3803.4	979.0	532.8	437.5	411.5	402.9	407.2	415.9	424.5	424.5
32.5°	5536.2	3846.7	1009.3	589.1	433.2	385.5	376.9	376.9	385.5	389.9	389.9
35°	5718.1	3929.0	1113.3	667.1	450.5	363.9	346.6	342.2	350.9	346.6	350.9
37.5°	5865.4	4041.7	1303.9	771.1	485.2	337.9	316.2	303.2	303.2	303.2	303.2
40°	5908.7	4154.3	1546.5	840.4	480.8	307.6	277.2	264.2	259.9	255.6	255.6
42.5°	5848.1	4206.3	1741.4	836.1	428.9	285.9	246.9	229.6	216.6	212.3	212.3
45°	5800.4	4232.3	1810.7	727.8	389.9	259.9	220.9	199.3	186.3	181.9	177.6
47.5°	5804.8	4258.3	1706.8	593.5	355.2	238.3	199.3	177.6	164.6	160.3	155.9
50°	5822.1	4214.9	1446.9	493.8	324.9	216.6	177.6	160.3	147.3	143.0	138.6
52.5°	5640.1	3985.4	1018.0	433.2	298.9	203.6	160.3	147.3	134.3	130.0	130.0
55°	5163.6	3435.2	688.8	385.5	277.2	186.3	147.3	138.6	125.6	117.0	117.0
57.5°	4401.2	2590.5	476.5	350.9	242.6	168.9	138.6	125.6	112.6	104.0	104.0
60°	3365.9	1689.4	346.6	320.6	199.3	155.9	130.0	121.3	104.0	95.3	91.0
62.5°	*2049.0*	*948.7*	*281.6*	*281.6*	*168.9*	*147.3*	*117.0*	*108.3*	*91.0*	*78.0*	*73.6*
65°	1186.9	558.8	229.6	238.3	147.3	134.3	104.0	91.0	73.6	60.6	56.3
67.5°	571.8	324.9	181.9	168.9	130.0	112.6	91.0	78.0	65.0	52.0	47.7
70°	350.9	251.3	138.6	121.3	104.0	86.6	73.6	69.3	56.3	43.3	43.3
72.5°	285.9	203.6	108.3	86.6	78.0	60.6	60.6	56.3	43.3	34.7	30.3
75°	225.3	151.6	82.3	60.6	47.7	47.7	43.3	39.0	34.7	26.0	26.0
77.5°	121.3	104.0	60.6	34.7	26.0	30.3	30.3	26.0	21.7	17.3	17.3
80°	78.0	60.6	34.7	17.3	17.3	17.3	17.3	13.0	13.0	8.7	8.7
82.5°	39.0	30.3	17.3	4.3	8.7	8.7	8.7	8.7	8.7	4.3	4.3
85°	8.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3
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

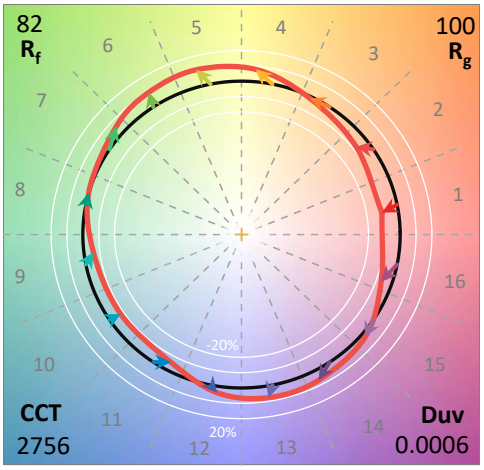
Test Information

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

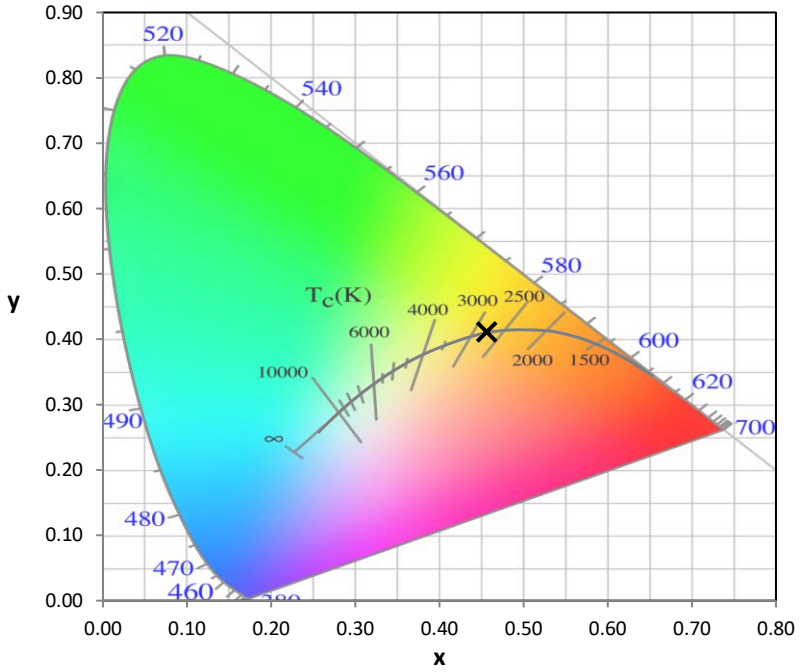
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

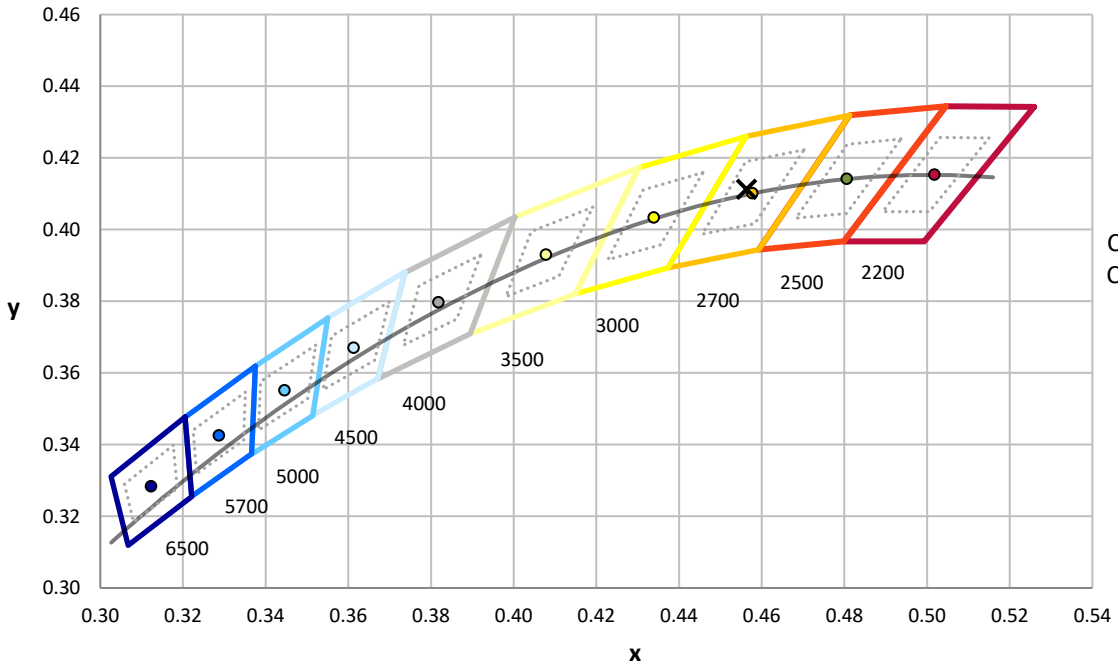
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

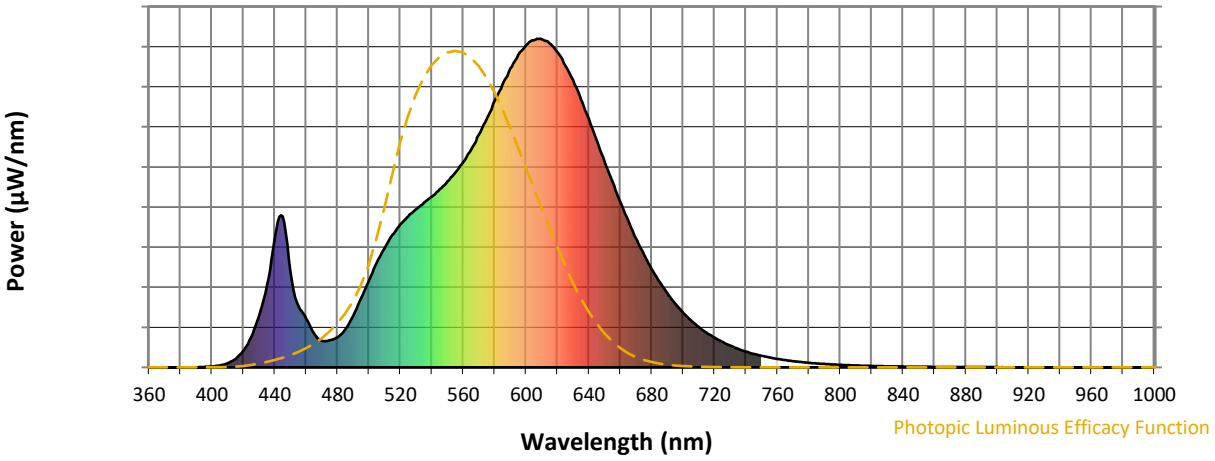


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

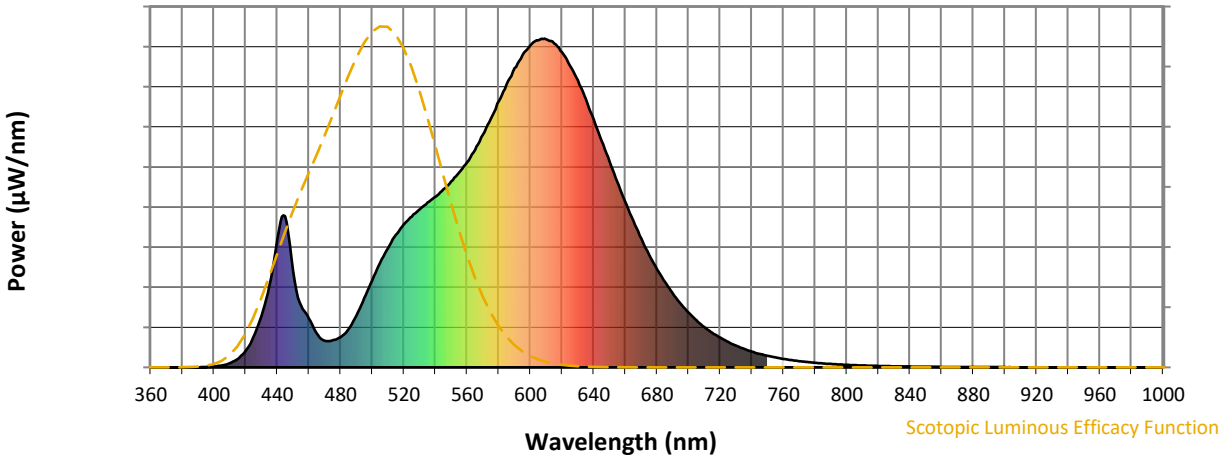


Photopic Lumens: NR

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

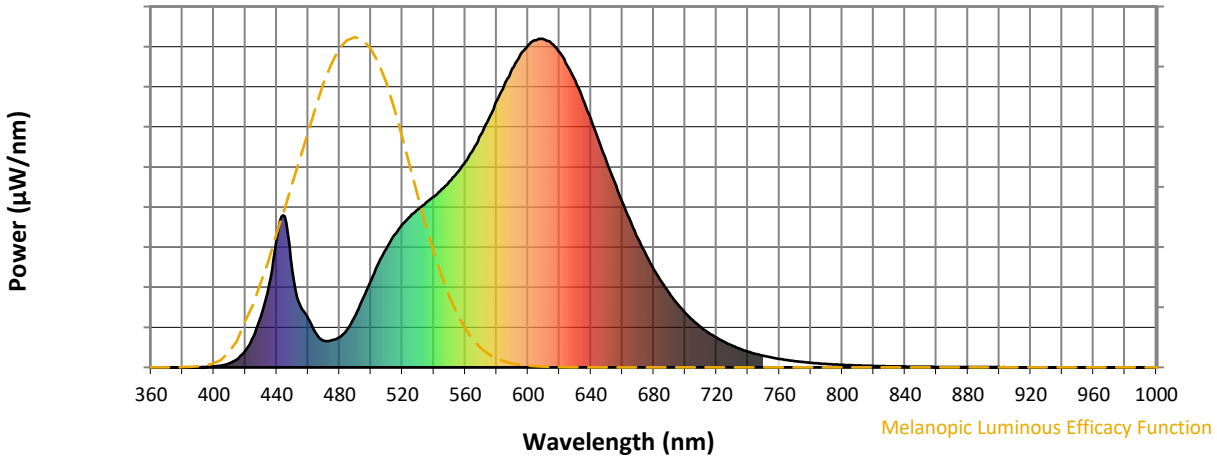


Scotopic Lumens: NR **S/P: 1.2**

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			

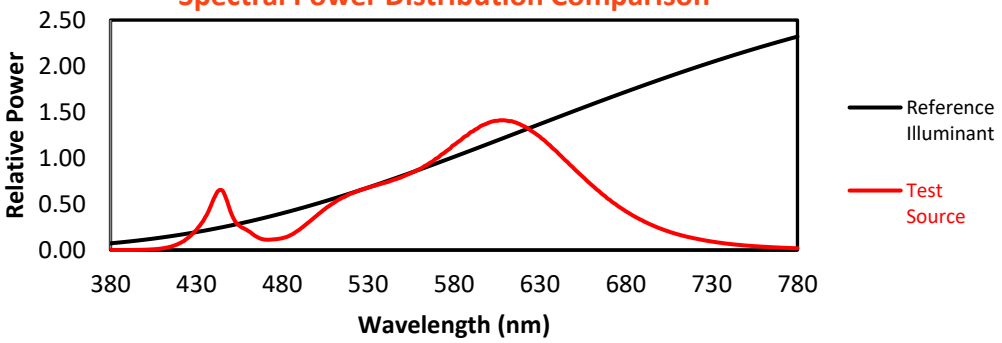
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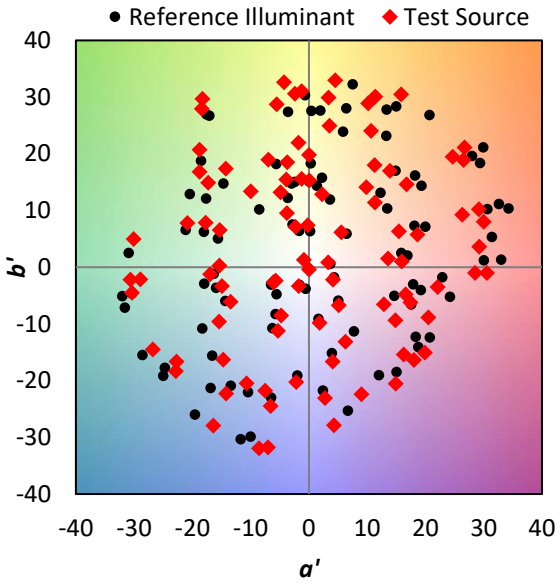
Summary

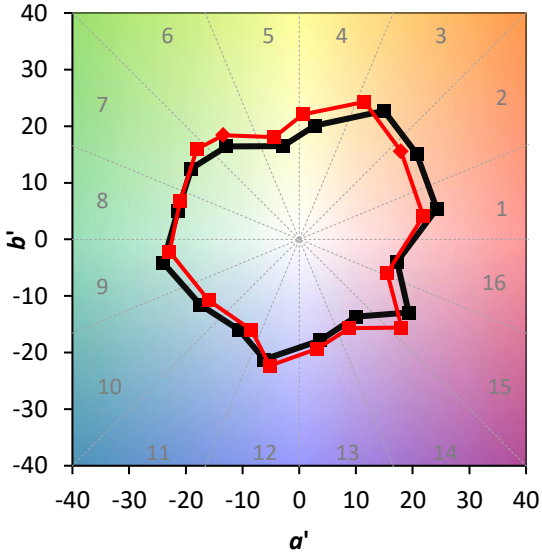
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

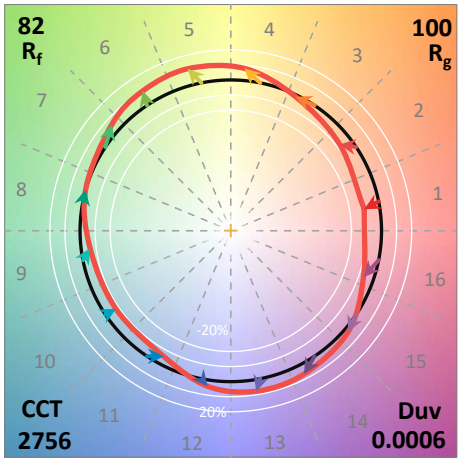
Spectral Power Distribution Comparison

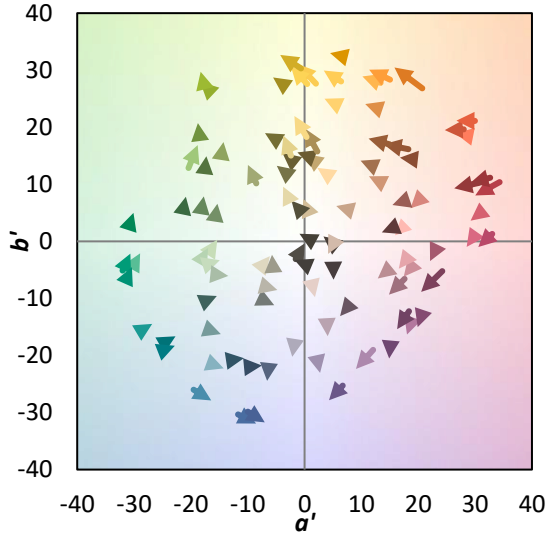


Color Vector Graphics







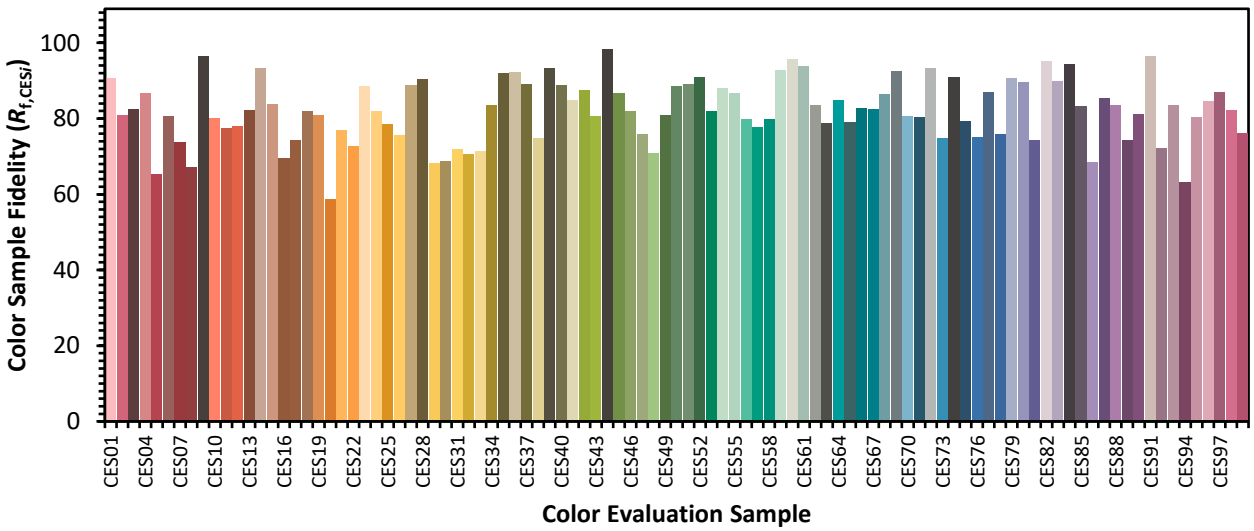


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Individual Sample Fidelity Index ($R_{f,i}$)

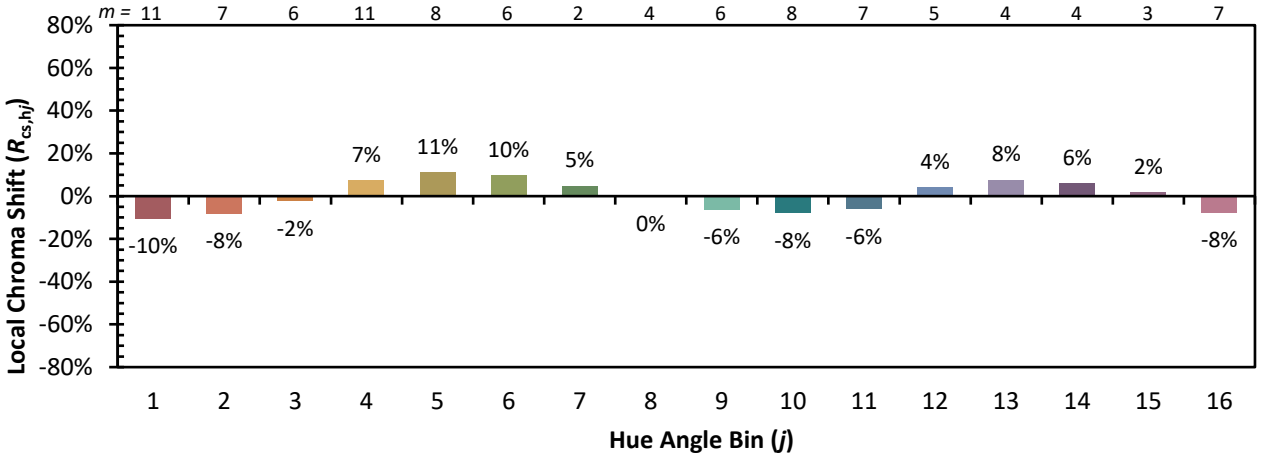
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57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

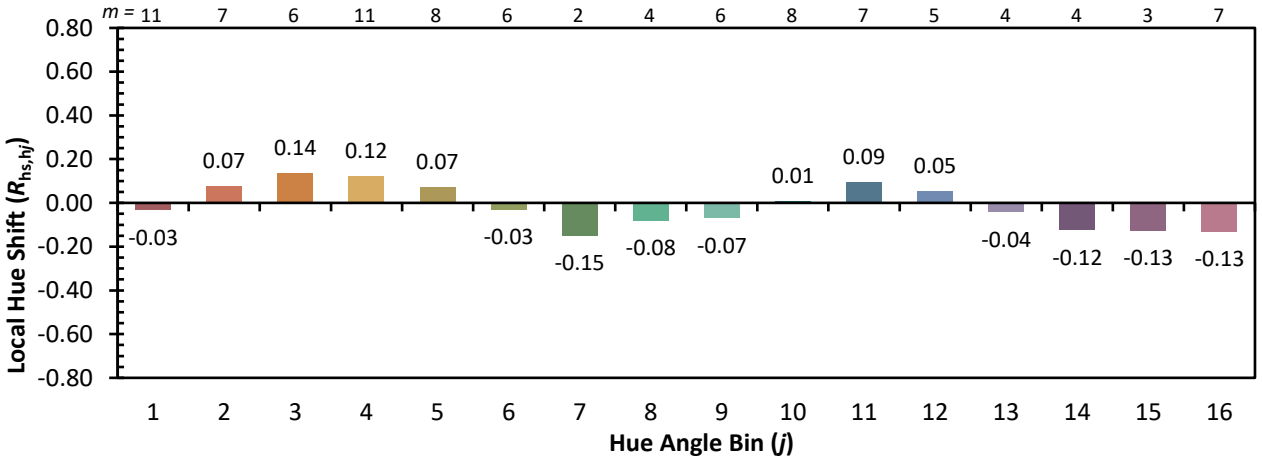


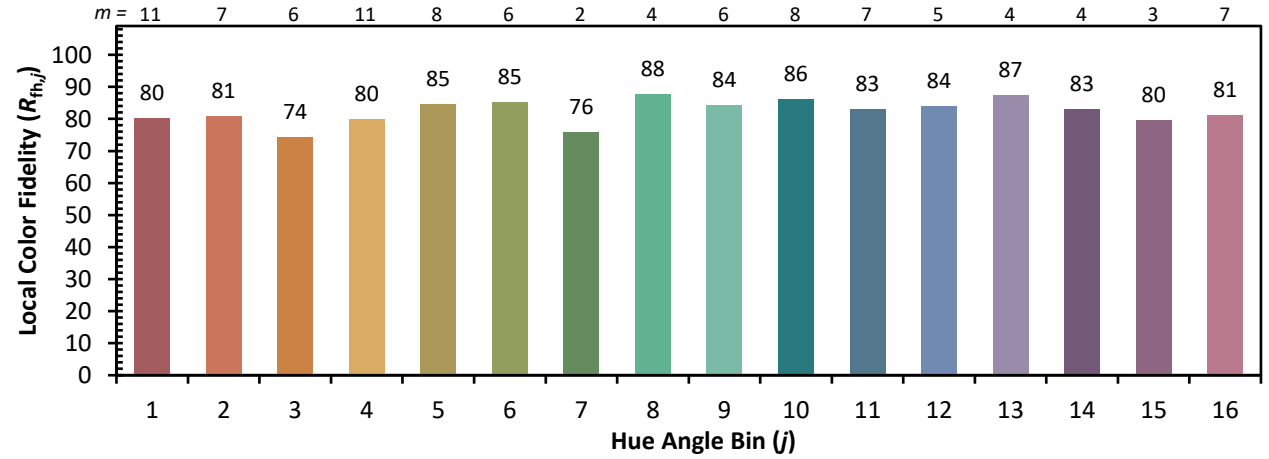
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Color Rendition by Hue-Angle Bin



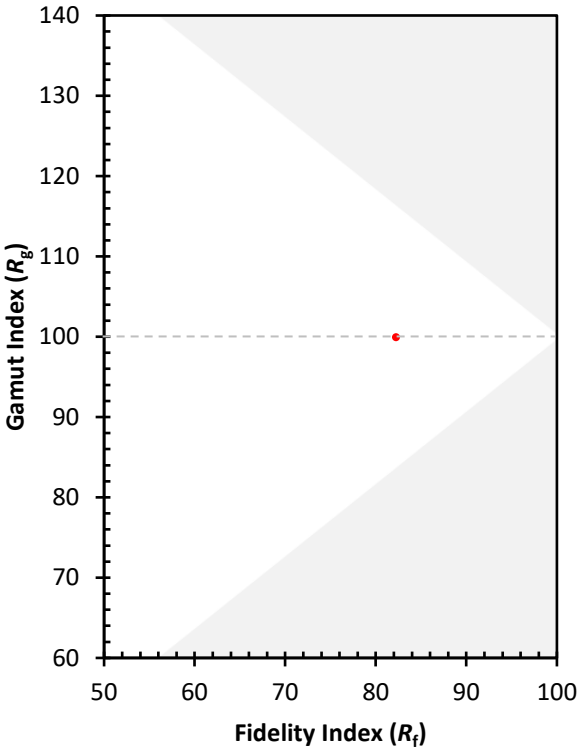


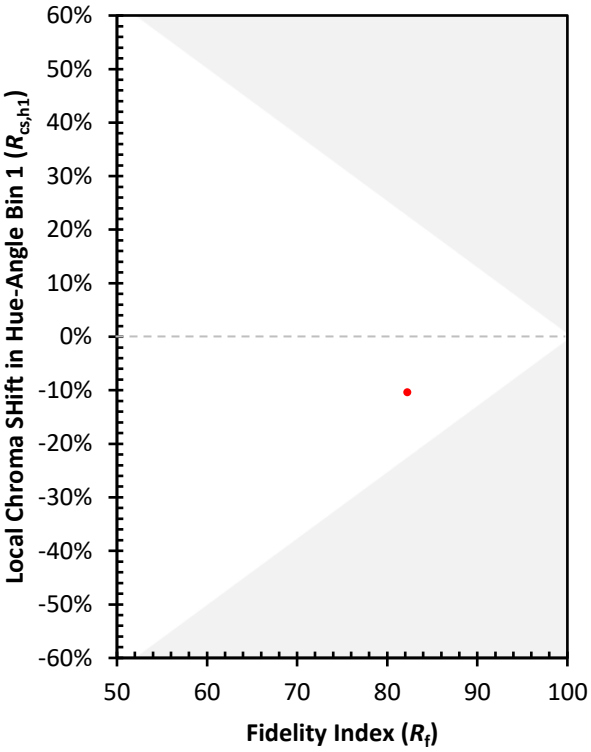


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Measure Comparisons





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