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: STREETWORKS

Report Number: P1458902

Luminaire Tested: GLAN-SB4D-827-U-T4LG-HSS

Issue Date: 05/20/2026

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:	P1458902
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-827-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25718.4 lumens
Efficiency:	N/A
Efficacy:	87.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	293.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1458902
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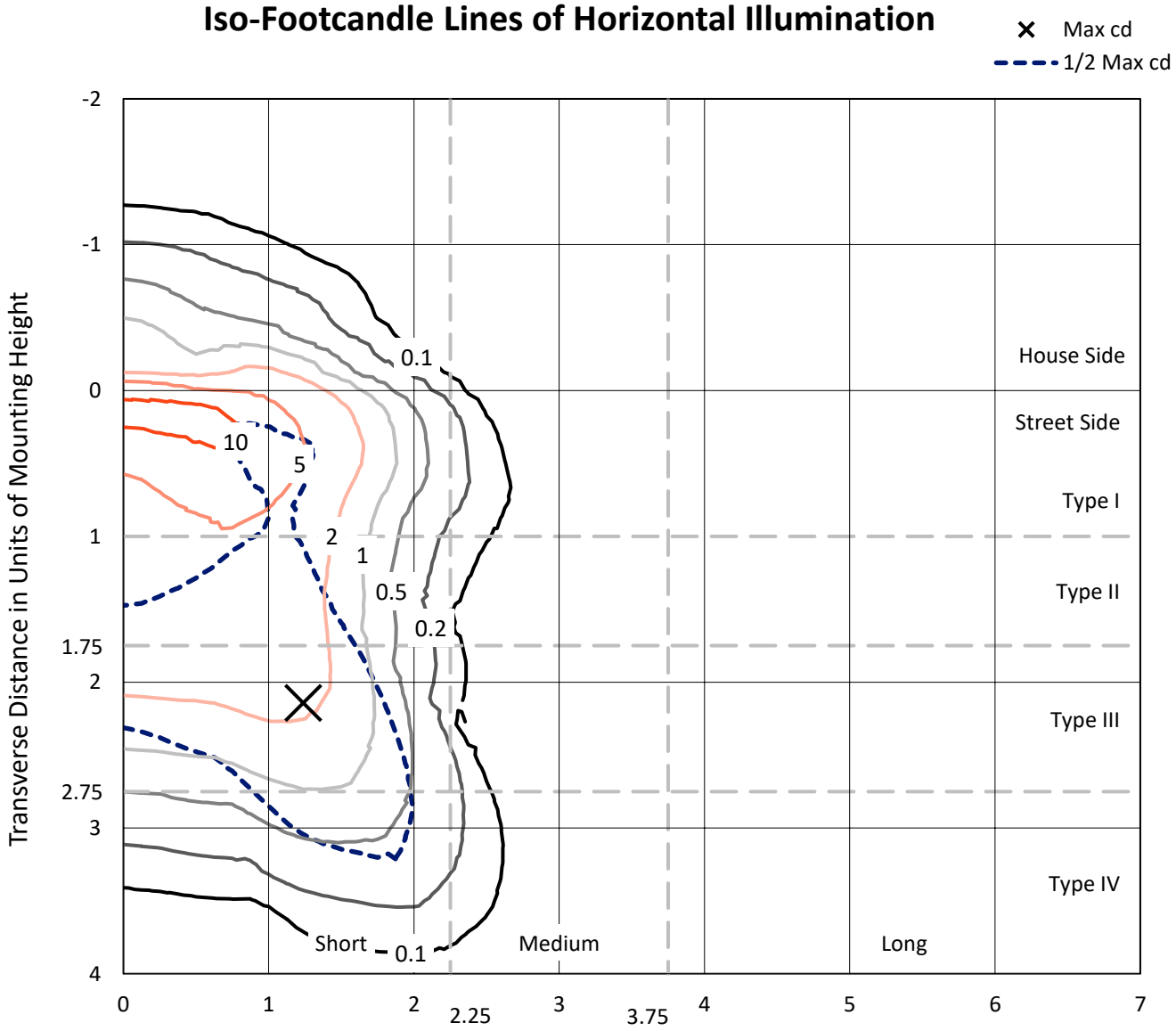
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.4 fc
Type IV - Short - N/A

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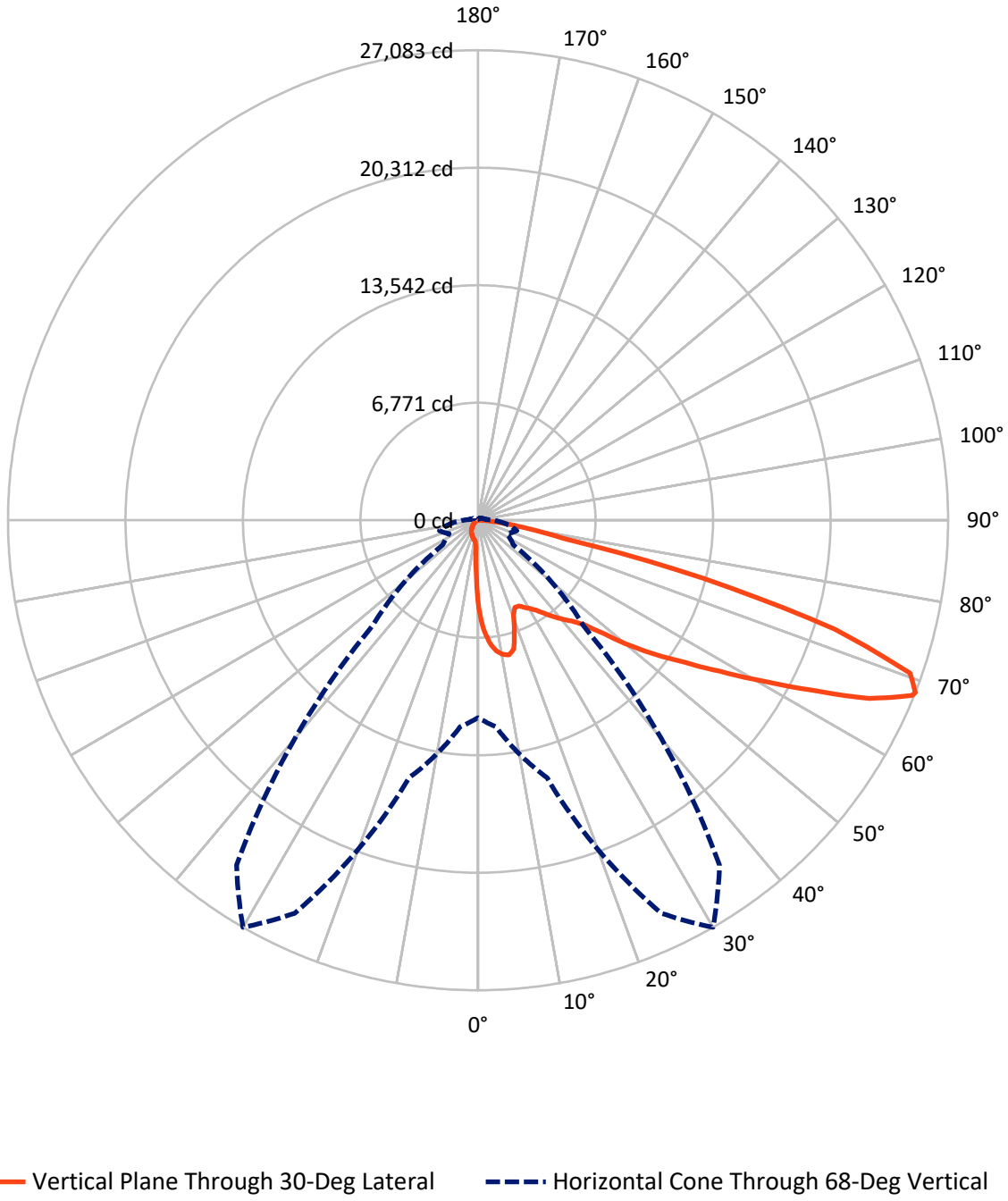
Luminous Intensity Polar Plot



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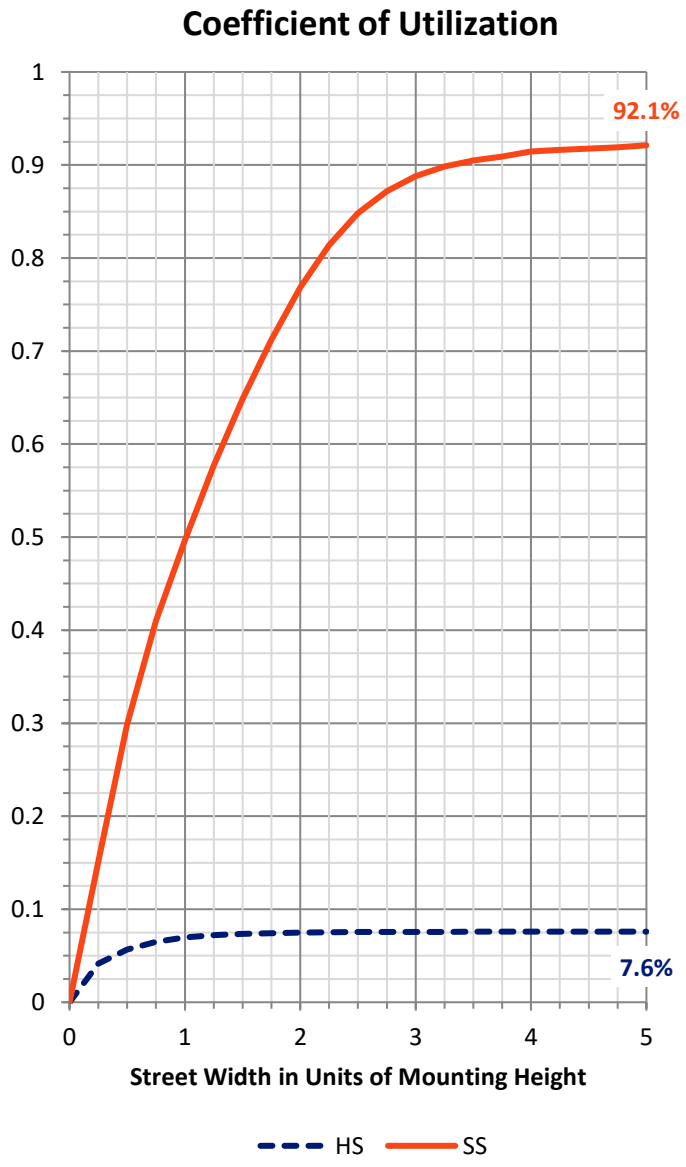
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1963.0	0.0	1963.0
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	23755.4	0.0	23755.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	25718.4	0.0	25718.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.6	1.7
10°-20°	1249.3	4.9
20°-30°	1963.3	7.6
30°-40°	3079.2	12.0
40°-50°	4602.5	17.9
50°-60°	6122.8	23.8
60°-70°	5918.9	23.0
70°-80°	2127.6	8.3
80°-90°	217.1	0.8
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°	25718.4	100.0
0°-180°	25718.4	100.0



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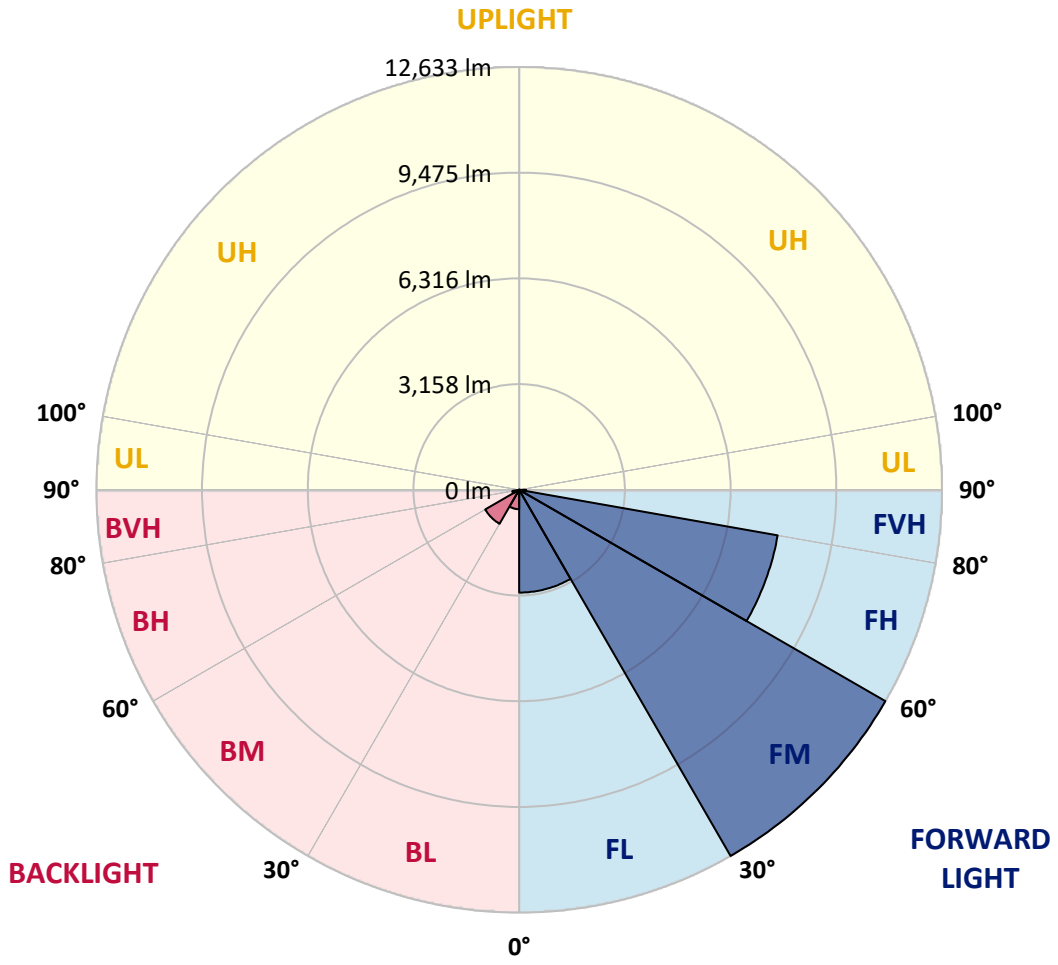
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3070.8	11.9			
FM	(30°-60°)	12632.9	49.1			
FH	(60°-80°)	7842.4	30.5			G4/12000
FVH	(80°-90°)	209.4	0.8			G2/225
BL	(0°-30°)	579.4	2.3	B2/1000		
BM	(30°-60°)	1171.7	4.6	B2/2500		
BH	(60°-80°)	204.2	0.8	B1/500		G1/500
BVH	(80°-90°)	7.7	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-G4
Type IV Short



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REPORT NUMBER: P1458902
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4
2.5°	6481.8	6481.8	6435.5	6373.9	6304.5	6281.4	6150.4	5965.4	5772.7	5549.2	5225.5
5°	7314.2	7306.5	7214.0	7214.0	7121.5	7036.7	6905.7	6635.9	6327.6	5926.9	5364.2
7.5°	7684.1	7699.5	7661.0	7661.0	7607.0	7545.4	7468.3	7206.3	6844.0	6304.5	5503.0
10°	7815.1	7822.8	7822.8	7876.8	7861.4	7853.7	7846.0	7699.5	7321.9	6689.9	5649.4
12.5°	7499.1	7537.7	7645.6	7884.5	7961.6	8046.4	8162.0	8115.7	7853.7	7175.4	5872.9
15°	6481.8	6489.5	6790.1	7383.5	7699.5	8023.2	8470.3	8562.7	8393.2	7699.5	6104.1
17.5°	5348.8	5371.9	5610.9	6273.7	6782.4	7530.0	8647.5	9025.2	8963.5	8215.9	6319.9
20°	4878.7	4909.5	5025.1	5441.3	5826.7	6520.3	8470.3	9464.5	9487.6	8732.3	6520.3
22.5°	4770.8	4793.9	4886.4	5210.1	5449.0	5911.5	7869.1	9811.3	10081.1	9325.8	6759.2
25°	4740.0	4763.1	4901.8	5256.3	5479.8	5865.2	7321.9	9996.3	10782.4	9942.3	6990.5
27.5°	4716.8	4747.7	4971.2	5425.9	5687.9	6057.9	7221.7	10034.8	11453.0	10597.5	7368.1
30°	4747.7	4793.9	5086.8	5603.2	5903.7	6319.9	7460.6	10073.4	12192.8	11345.1	7846.0
32.5°	4871.0	4909.5	5264.0	5842.1	6188.9	6659.1	7869.1	10304.6	12894.2	12108.1	8300.7
35°	5009.7	5063.7	5487.6	6181.2	6597.4	7129.2	8424.0	10759.3	13564.7	12832.6	8770.8
37.5°	5179.3	5240.9	5749.6	6566.6	7044.4	7645.6	9025.2	11391.3	14158.2	13426.0	9241.0
40°	5410.5	5479.8	6050.2	6975.0	7491.4	8092.6	9618.6	12015.6	14612.9	13780.5	9549.3
42.5°	6319.9	6412.4	6651.3	7375.8	7953.9	8570.4	10204.4	12609.0	14782.5	13896.1	9610.9
45°	8015.5	8108.0	8046.4	8185.1	8570.4	9148.5	10844.1	13179.4	14805.6	13865.3	9580.1
47.5°	9718.8	9826.7	9772.8	9695.7	9780.5	10057.9	11560.9	13541.6	14682.3	13849.9	9580.1
50°	11345.1	11283.4	11291.1	11268.0	11345.1	11491.5	12254.5	13611.0	14651.5	13996.3	9664.9
52.5°	12216.0	12246.8	12439.5	12724.6	12894.2	13040.6	13048.4	13718.9	14427.9	13749.7	9564.7
55°	13071.5	13133.1	13580.2	14065.7	14443.4	14720.8	13842.2	13649.5	13094.6	12925.0	9040.6
57.5°	14034.9	14119.7	14751.7	15753.6	16416.4	16562.9	14628.3	12354.7	11083.0	11745.8	8023.2
60°	15360.5	15460.7	16300.8	17803.7	18790.2	18489.7	14690.0	10296.9	8801.7	9749.7	6620.5
62.5°	16401.0	16601.4	18119.7	20462.7	21549.4	20593.7	13541.6	7892.2	6150.4	6851.7	4832.4
65°	15291.2	15676.5	18150.5	23507.1	24763.4	23067.8	11738.1	5387.4	3468.3	4431.7	3090.6
67.5°	12362.4	12901.9	16115.8	24986.9	26967.6	24370.3	9241.0	2859.4	1988.5	2574.2	1626.2
68°	11375.9	11961.6	15368.2	24986.9	27083.2	24254.7	8578.2	2474.0	1834.3	2312.2	1410.4
70°	7861.4	8277.6	11815.2	23584.1	26405.0	22112.1	5649.4	1418.1	1379.6	1587.7	932.6
72.5°	3853.6	4300.6	6319.9	18690.1	21510.9	16994.5	2574.2	940.3	1048.2	1163.8	732.2
75°	1533.7	1626.2	2489.4	9217.9	13441.4	10844.1	1348.8	709.1	901.7	909.5	578.0
77.5°	878.6	932.6	1379.6	3391.2	5040.5	4847.9	870.9	508.7	716.8	655.1	377.7
80°	493.3	501.0	778.4	1788.1	2882.5	2581.9	593.5	369.9	547.2	462.4	254.3
82.5°	246.6	277.5	493.3	986.5	1603.1	1641.6	316.0	262.0	439.3	331.4	208.1
85°	177.3	192.7	354.5	547.2	739.9	1109.8	192.7	131.0	331.4	223.5	146.4
87.5°	92.5	115.6	223.5	269.8	300.6	377.7	92.5	61.7	185.0	131.0	77.1
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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REPORT NUMBER: P1458902
CATALOG NUMBER: GLAN-SB4D-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4	5071.4
2.5°	5071.4	4894.1	4531.9	4108.0	3776.5	3437.4	3160.0	2897.9	2774.6	2759.2	2790.0
5°	5048.2	4662.9	3838.2	3028.9	2366.1	1903.7	1649.3	1518.3	1449.0	1418.1	1425.8
7.5°	5002.0	4416.2	3098.3	2050.1	1533.7	1333.4	1271.7	1248.6	1240.9	1240.9	1240.9
10°	4955.8	4084.8	2373.8	1502.9	1256.3	1202.3	1186.9	1186.9	1179.2	1179.2	1186.9
12.5°	4932.6	3776.5	1842.0	1256.3	1171.5	1148.4	1133.0	1125.3	1125.3	1125.3	1133.0
15°	4878.7	3437.4	1487.5	1163.8	1117.5	1086.7	1079.0	1071.3	1071.3	1071.3	1071.3
17.5°	4832.4	3106.0	1294.8	1102.1	1063.6	1032.8	1025.1	1017.4	1017.4	1025.1	1025.1
20°	4763.1	2790.0	1163.8	1040.5	1009.6	978.8	971.1	963.4	971.1	971.1	971.1
22.5°	4678.3	2528.0	1086.7	994.2	955.7	924.9	924.9	924.9	924.9	924.9	932.6
25°	4624.3	2343.0	1032.8	940.3	901.7	878.6	870.9	870.9	886.3	886.3	894.0
27.5°	4709.1	2296.8	1040.5	924.9	855.5	832.4	824.7	824.7	840.1	847.8	855.5
30°	4963.5	2381.5	1133.0	971.1	824.7	786.1	778.4	778.4	801.6	809.3	817.0
32.5°	5256.3	2558.8	1271.7	1032.8	801.6	739.9	724.5	724.5	747.6	755.3	763.0
35°	5657.1	2836.3	1456.7	1086.7	817.0	693.7	662.8	662.8	678.2	693.7	701.4
37.5°	6173.5	3291.0	1672.5	1125.3	817.0	639.7	601.2	593.5	608.9	608.9	616.6
40°	6713.0	3884.4	1896.0	1125.3	778.4	585.8	547.2	524.1	531.8	524.1	531.8
42.5°	7013.6	4362.3	2088.7	1055.9	732.2	531.8	493.3	462.4	454.7	439.3	447.0
45°	7183.1	4578.1	2034.7	978.8	685.9	493.3	447.0	408.5	393.1	369.9	369.9
47.5°	7183.1	4601.2	1741.8	917.2	639.7	462.4	400.8	362.2	339.1	316.0	323.7
50°	7098.4	4393.1	1379.6	855.5	585.8	431.6	362.2	331.4	300.6	285.2	285.2
52.5°	6743.8	3714.9	1055.9	778.4	524.1	393.1	323.7	292.9	262.0	254.3	254.3
55°	6135.0	2728.4	855.5	701.4	470.1	362.2	292.9	269.8	238.9	223.5	223.5
57.5°	4986.6	1865.2	709.1	632.0	416.2	323.7	262.0	238.9	200.4	185.0	185.0
60°	3699.5	1217.7	601.2	554.9	354.5	292.9	231.2	200.4	169.6	154.1	146.4
62.5°	2497.1	824.7	501.0	439.3	300.6	254.3	200.4	169.6	131.0	100.2	100.2
65°	1556.9	639.7	416.2	346.8	262.0	223.5	169.6	131.0	92.5	69.4	61.7
67.5°	894.0	516.4	339.1	269.8	223.5	177.3	131.0	107.9	77.1	54.0	46.2
68°	*824.7*	*493.3*	*316.0*	*254.3*	*208.1*	*169.6*	*123.3*	*100.2*	*69.4*	*46.2*	*46.2*
70°	670.5	439.3	269.8	208.1	177.3	138.7	107.9	84.8	54.0	30.8	30.8
72.5°	593.5	369.9	231.2	161.9	123.3	115.6	84.8	61.7	38.5	23.1	15.4
75°	485.6	292.9	185.0	123.3	84.8	84.8	61.7	38.5	15.4	0.0	0.0
77.5°	316.0	215.8	146.4	77.1	46.2	54.0	38.5	15.4	0.0	0.0	0.0
80°	208.1	161.9	100.2	38.5	23.1	23.1	7.7	0.0	0.0	0.0	0.0
82.5°	146.4	107.9	61.7	15.4	7.7	7.7	0.0	0.0	0.0	0.0	0.0
85°	92.5	46.2	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.5	15.4	7.7	0.0	0.0	0.0	0.0	0.0	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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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

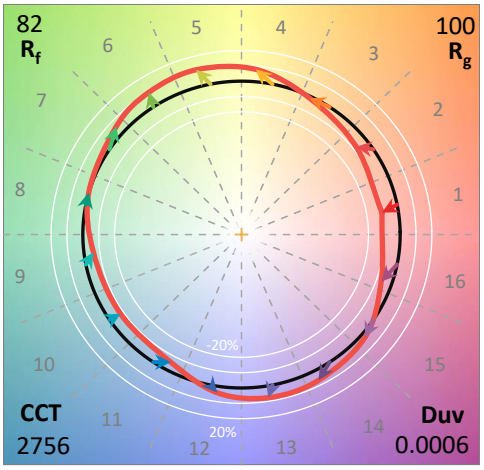
Test Information

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

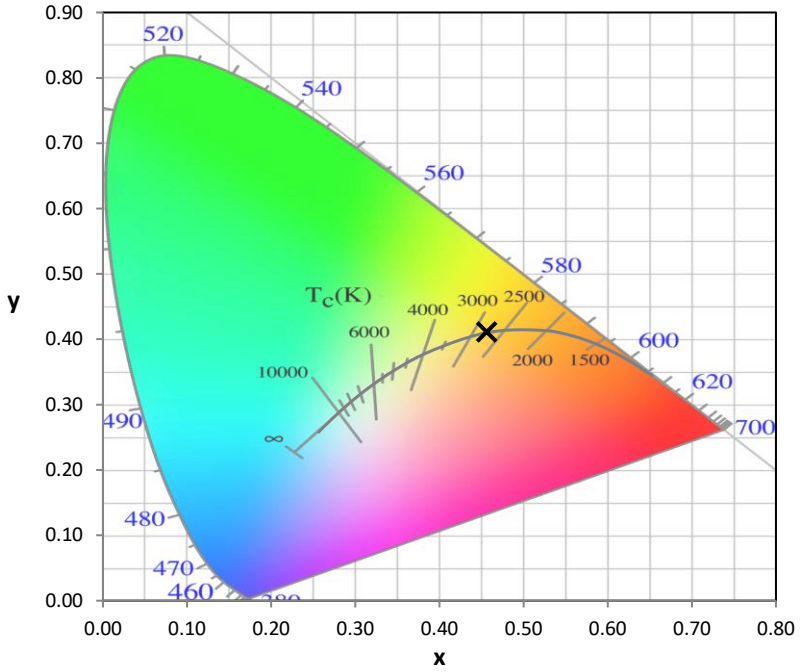
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

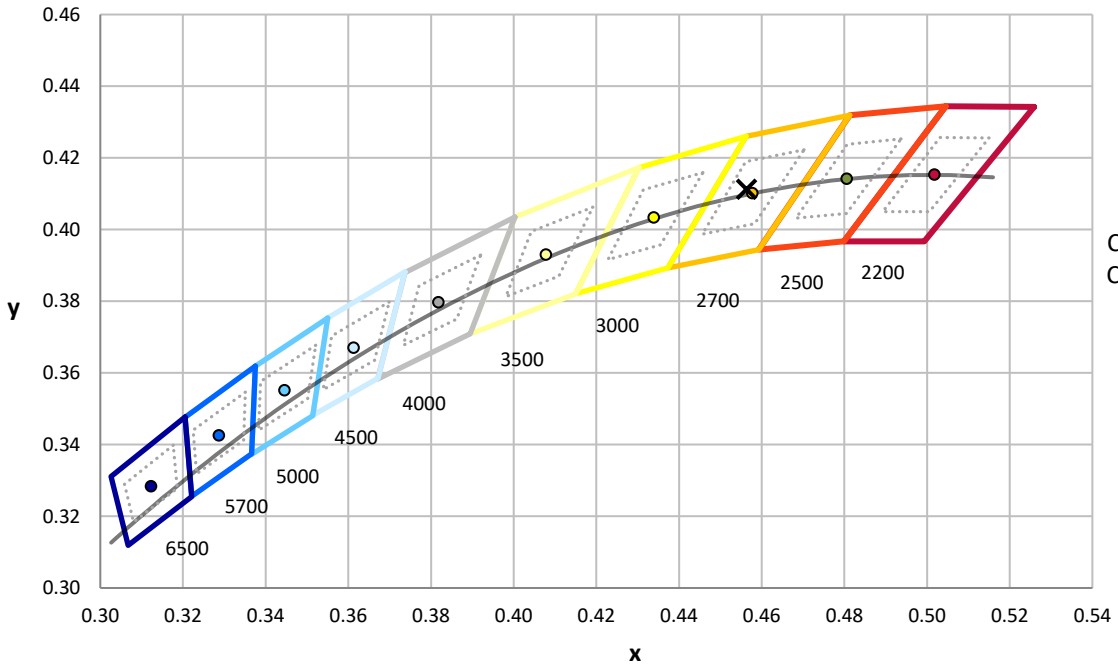
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

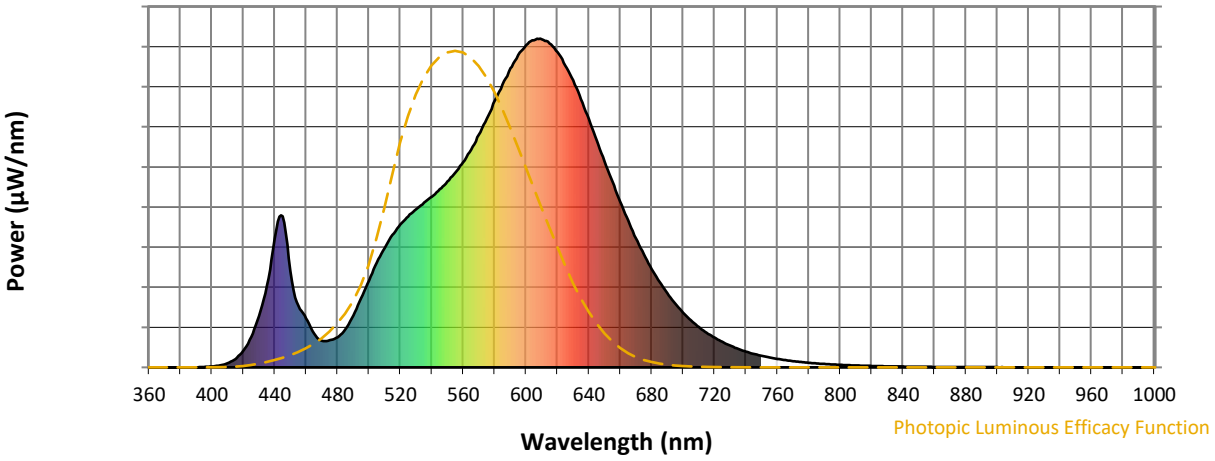


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

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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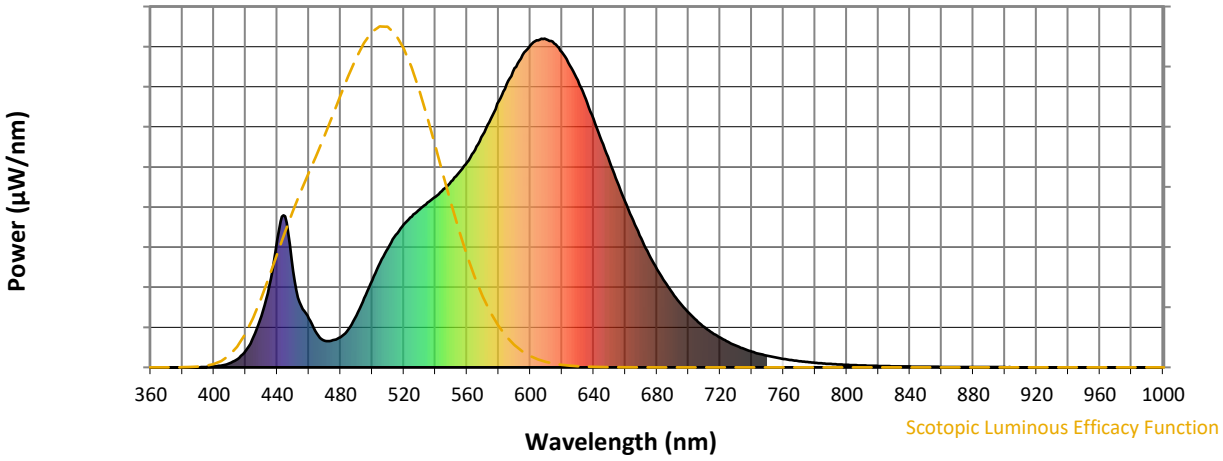
Scotopic Flux vs. Wavelength



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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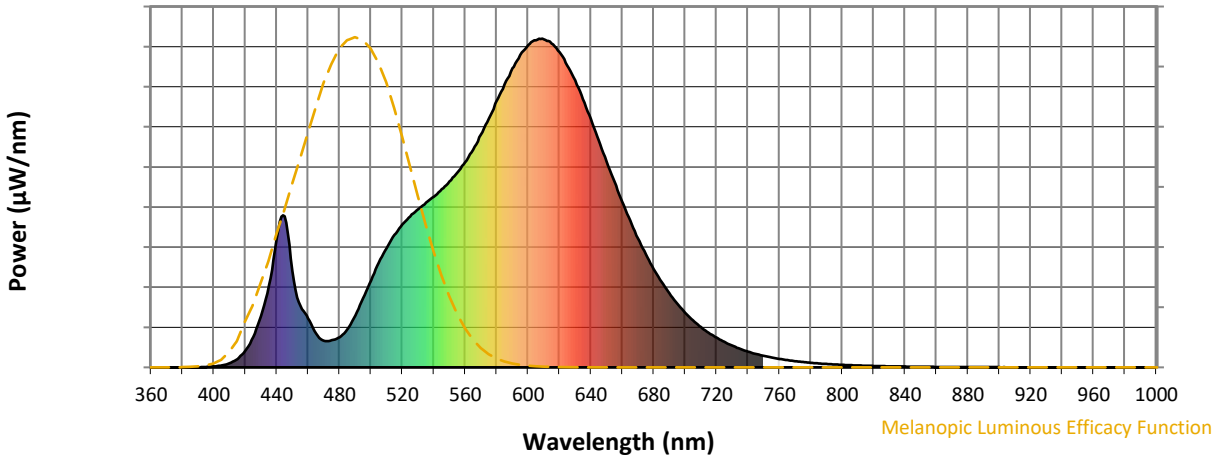
Melanopic Flux vs. Wavelength



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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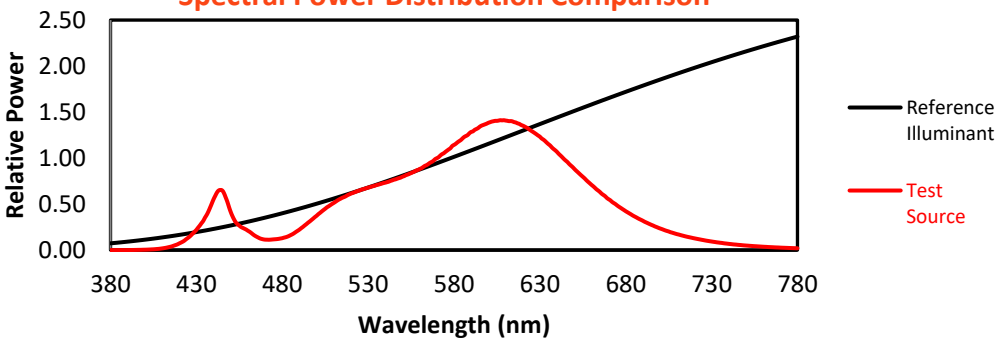
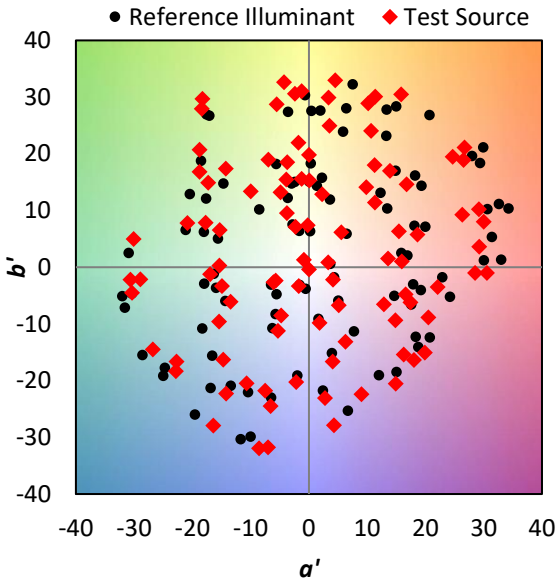
Summary

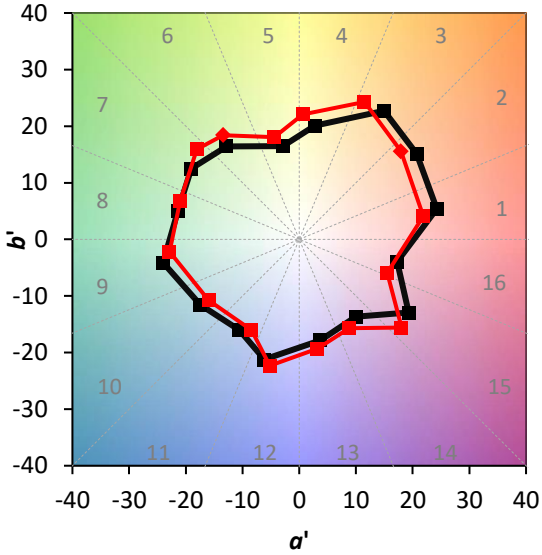
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

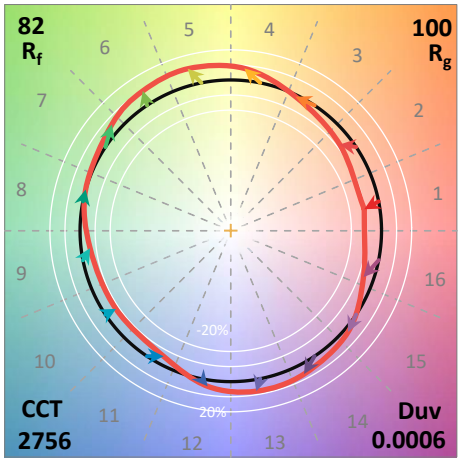
Spectral Power Distribution Comparison

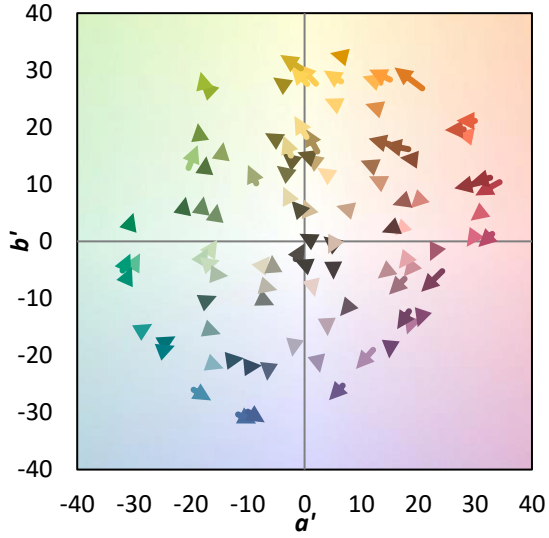


Color Vector Graphics









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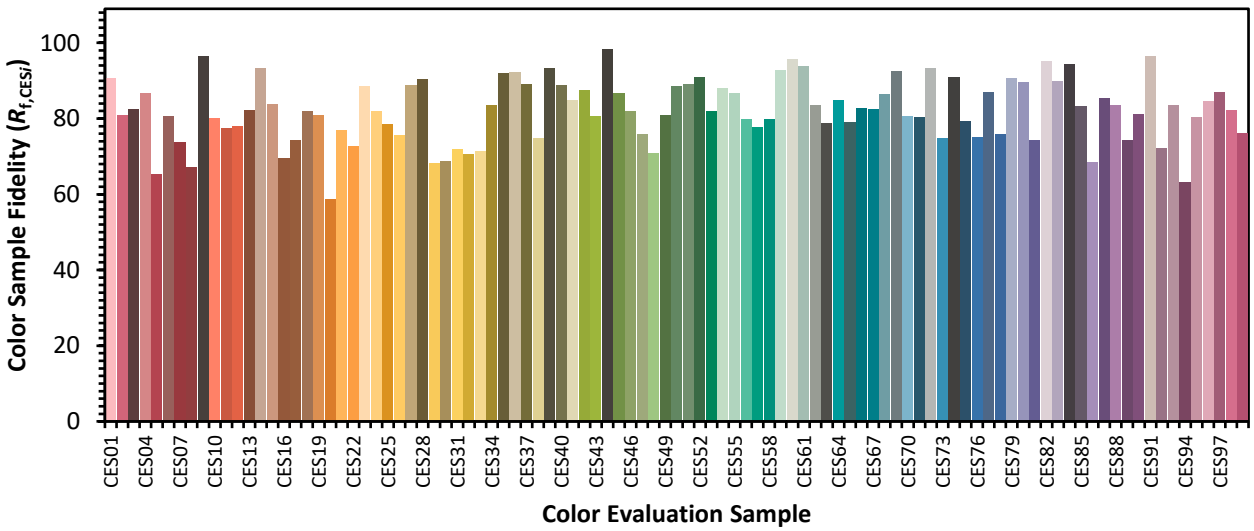
Individual Sample Fidelity Index ($R_{f,i}$)

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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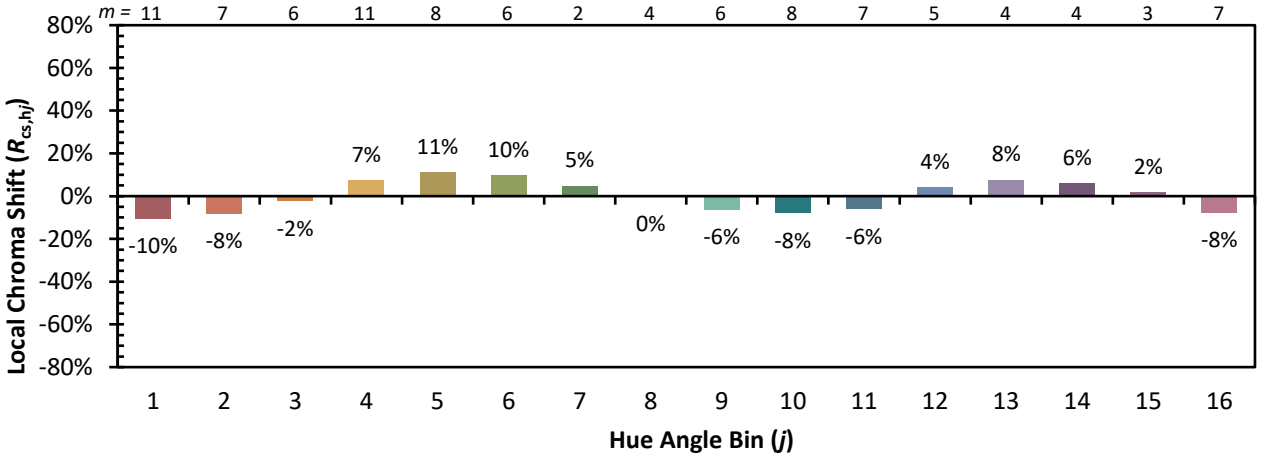
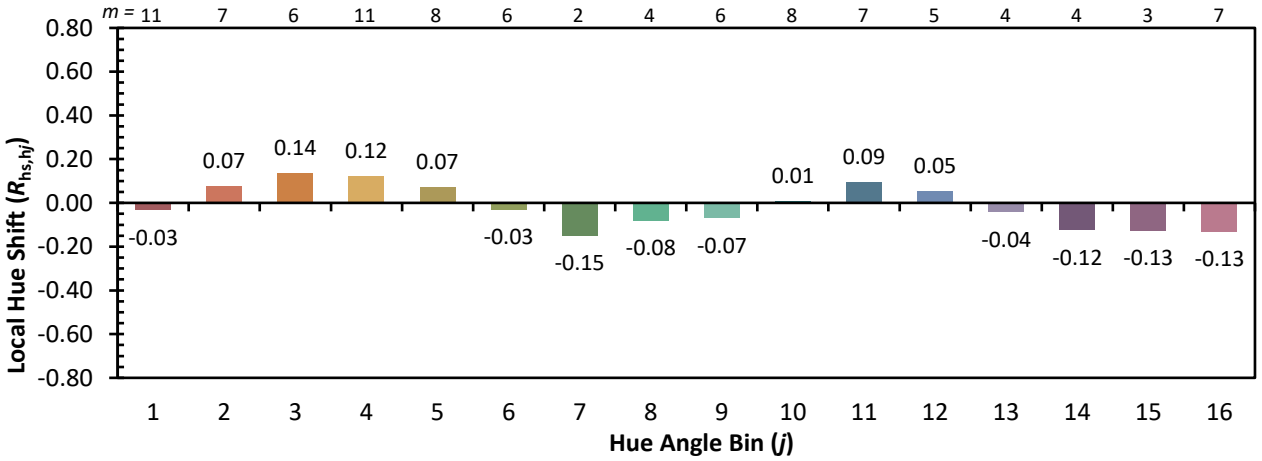
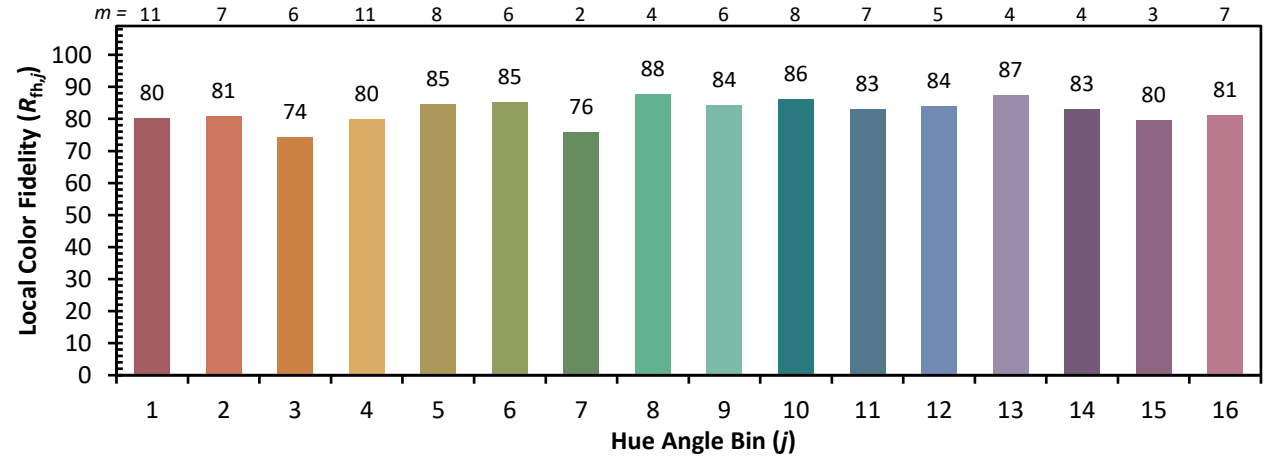
Color Rendition by Hue-Angle Bin







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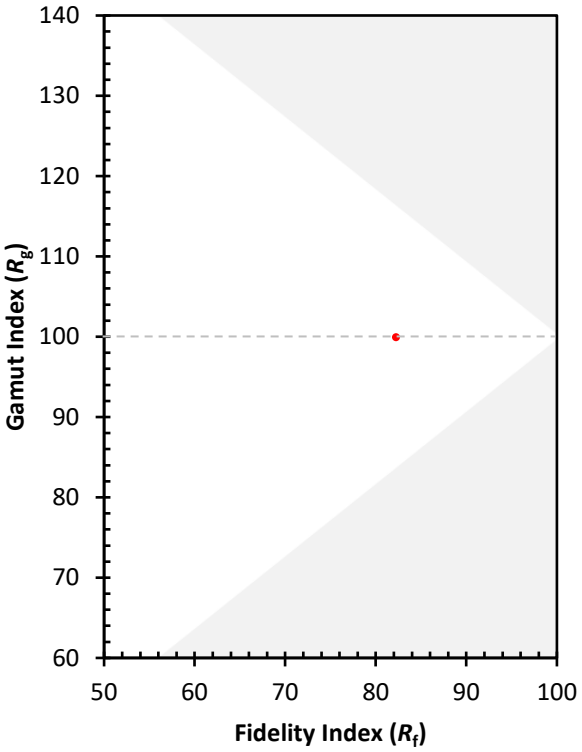
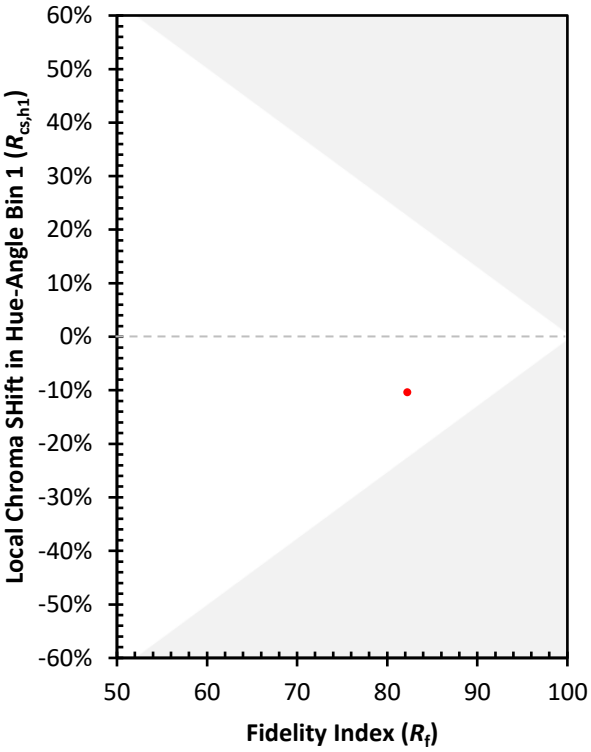
Measure Comparisons





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