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: P1458323

Luminaire Tested: GLAN-SB4A-827-U-T3LG-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:	P1458323
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-827-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE III 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:	11949.7 lumens
Efficiency:	N/A
Efficacy:	104.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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: P1458323
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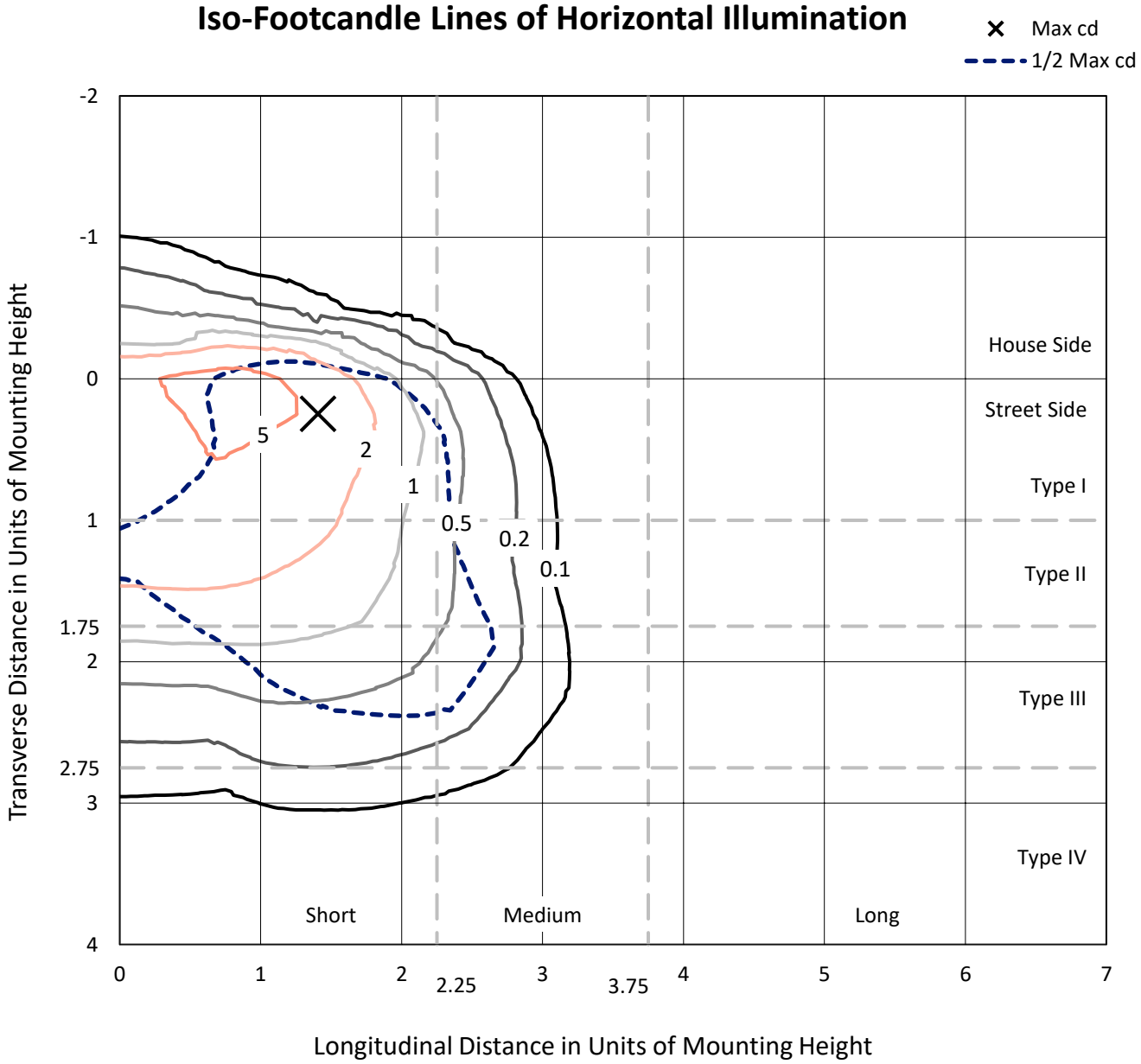
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
Type III - Short - N/A

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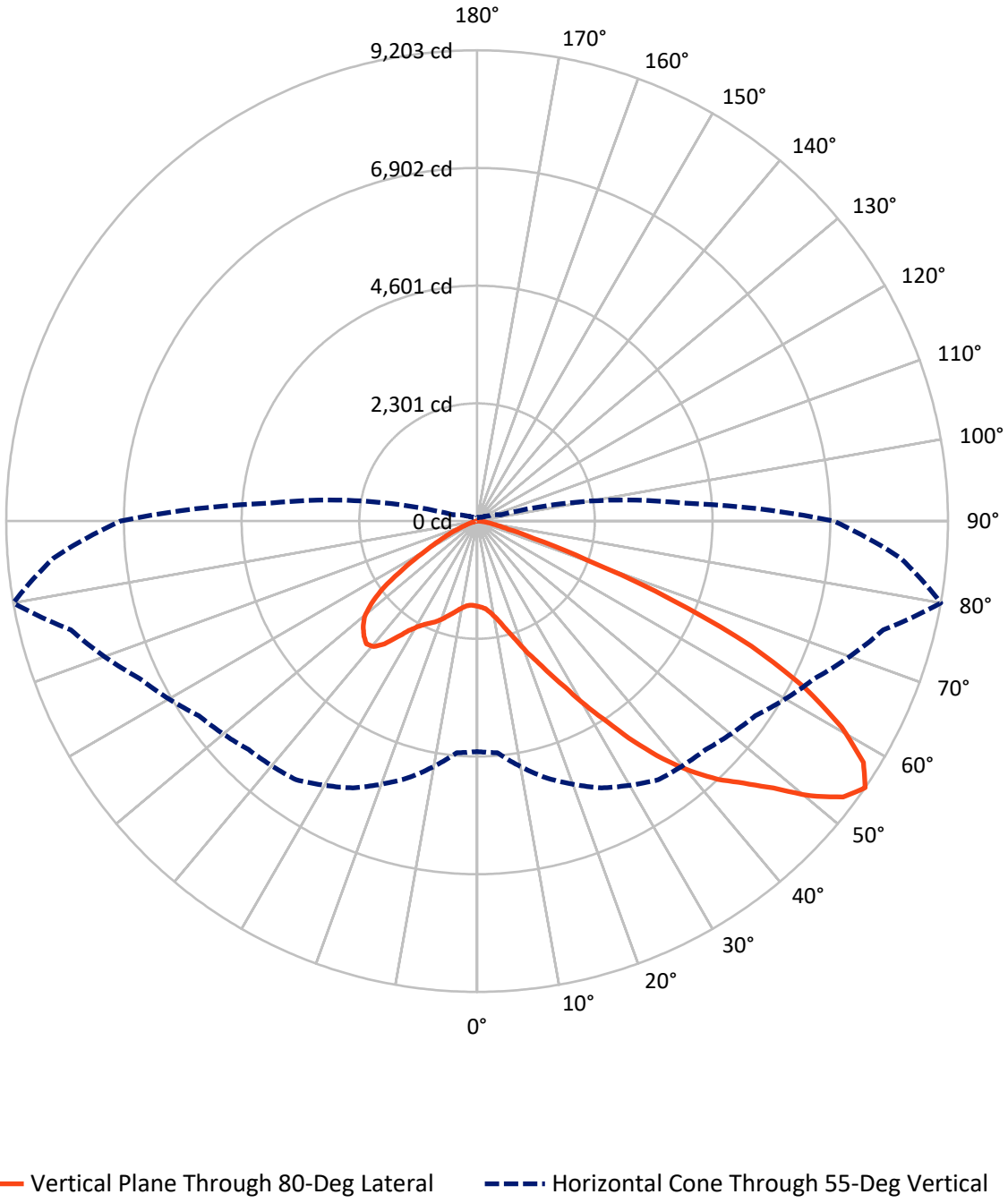
Luminous Intensity Polar Plot



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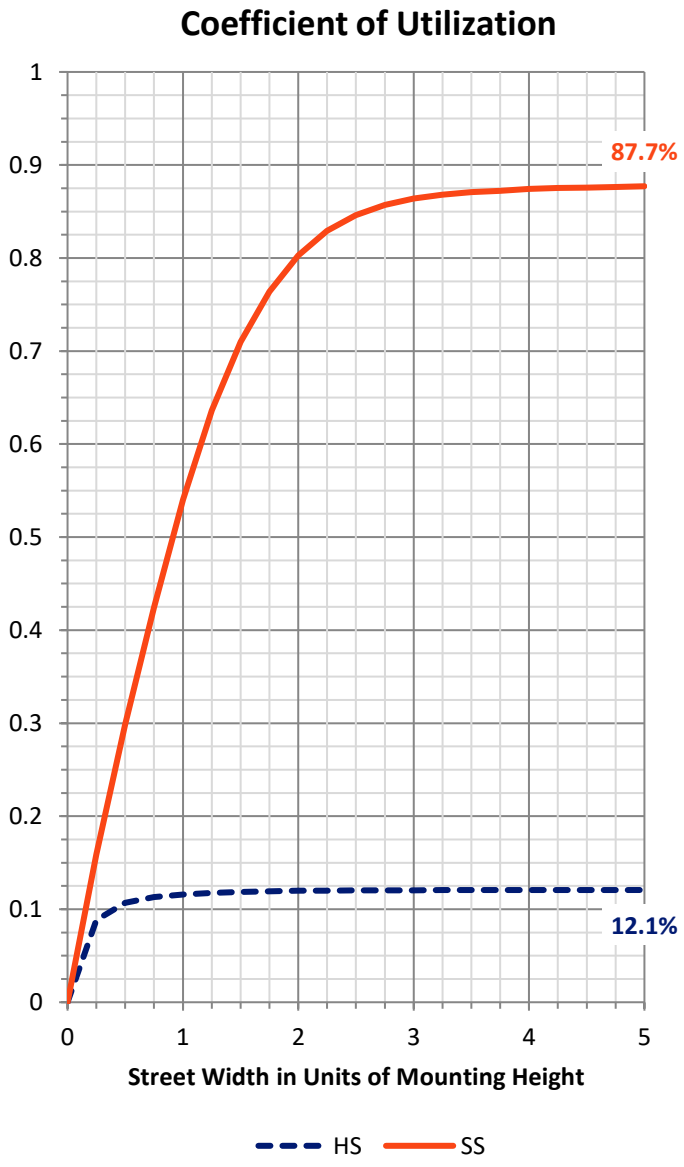
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1452.6	0.0	1452.6
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	10497.1	0.0	10497.1
	% Fixture	87.8	0.0	87.8
Total	Lumens	11949.7	0.0	11949.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.7	1.2
10°-20°	368.3	3.1
20°-30°	721.0	6.0
30°-40°	1466.8	12.3
40°-50°	2472.8	20.7
50°-60°	3159.5	26.4
60°-70°	2697.5	22.6
70°-80°	862.0	7.2
80°-90°	62.2	0.5
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°	11949.7	100.0
0°-180°	11949.7	100.0



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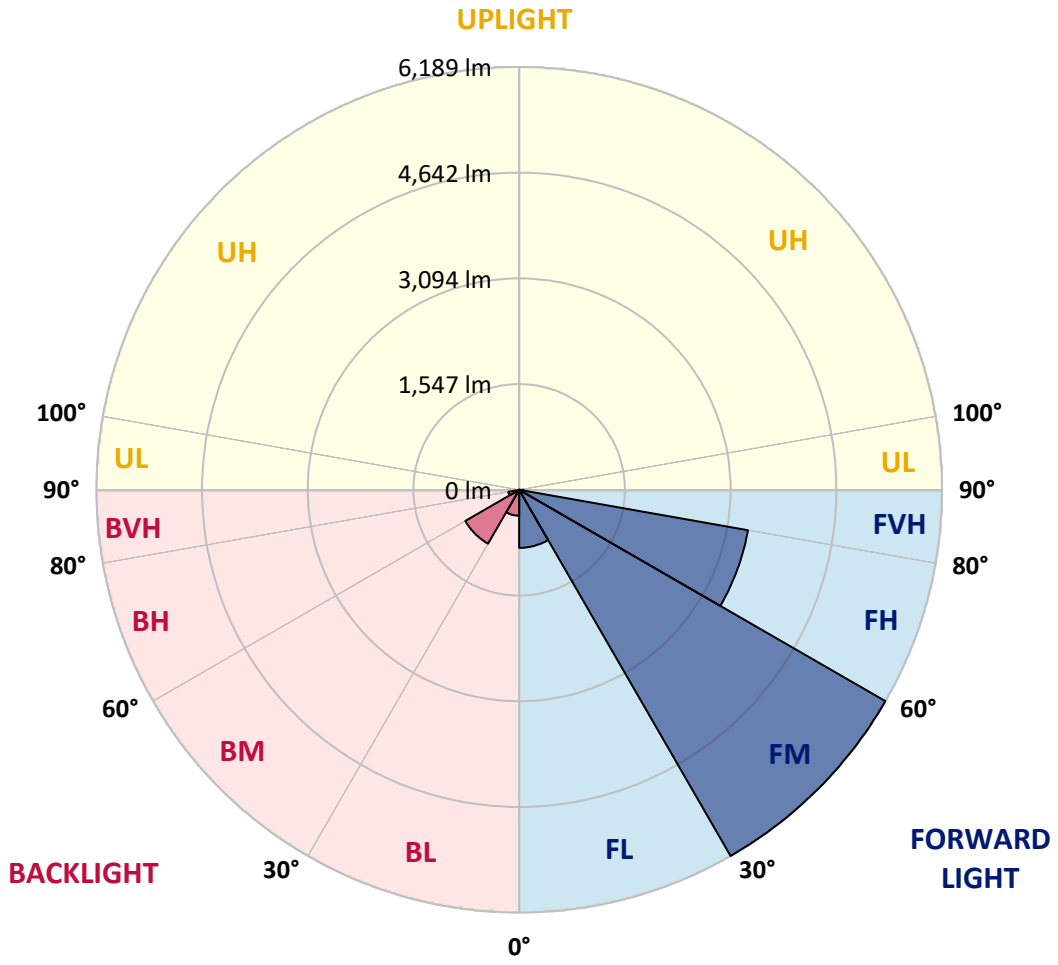
REPORT NUMBER: P1458323
CATALOG NUMBER: GLAN-SB4A-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	849.6	7.1			
FM	(30°-60°)	6188.7	51.8			
FH	(60°-80°)	3399.8	28.5			G2/5000
FVH	(80°-90°)	59.0	0.5			G1/100
BL	(0°-30°)	379.3	3.2	B1/500		
BM	(30°-60°)	910.4	7.6	B1/1000		
BH	(60°-80°)	159.7	1.3	B1/500		G1/500
BVH	(80°-90°)	3.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1458323
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	*1664.6*	1664.6
2.5°	1674.8	1678.2	1674.8	1678.2	1685.0	1681.6	1695.2	1691.8	1691.8	*1688.4*	1674.8
5°	1579.6	1583.0	1589.8	1606.8	1630.6	1654.4	1685.0	1705.3	1725.7	*1722.3*	1708.7
7.5°	1392.8	1399.6	1426.8	1460.8	1538.9	1610.2	1688.4	1739.3	1783.5	*1797.1*	1786.9
10°	1287.5	1294.3	1311.3	1345.3	1416.6	1535.5	1688.4	1793.7	1871.8	*1899.0*	1902.4
12.5°	1277.3	1280.7	1294.3	1331.7	1392.8	1494.7	1685.0	1865.0	1997.5	*2038.3*	2051.8
15°	1284.1	1290.9	1304.5	1335.1	1406.4	1521.9	1712.1	1977.1	2164.0	*2221.7*	2225.1
17.5°	1311.3	1318.1	1335.1	1369.0	1447.2	1593.2	1797.1	2092.6	2364.4	*2428.9*	2466.3
20°	1365.6	1369.0	1389.4	1433.6	1521.9	1681.6	1922.8	2248.9	2605.6	*2700.7*	2727.9
22.5°	1437.0	1447.2	1474.3	1528.7	1640.8	1803.9	2096.0	2439.1	2870.5	*2969.1*	3016.6
25°	1515.1	1528.7	1569.5	1657.8	1800.5	1990.7	2310.0	2690.5	3183.1	*3302.0*	3366.5
27.5°	1674.8	1678.2	1705.3	1817.4	2000.9	2235.3	2581.8	3013.2	3550.0	*3689.2*	3760.6
30°	2024.7	2028.1	2004.3	2034.9	2221.7	2524.0	2901.1	3390.3	3978.0	*4171.6*	4229.4
32.5°	2452.7	2469.7	2466.3	2445.9	2530.8	2812.8	3281.6	3842.1	4480.8	*4684.6*	4738.9
35°	2938.5	2979.3	2969.1	2962.3	2972.5	3183.1	3716.4	4341.5	5051.5	*5299.5*	5343.6
37.5°	3414.1	3424.3	3471.8	3529.6	3536.4	3682.5	4219.2	4871.4	5581.4	*5897.4*	5965.3
40°	3781.0	3814.9	3933.8	4049.3	4168.2	4283.7	4633.6	5299.5	6002.7	*6427.3*	6457.9
42.5°	4066.3	4147.9	4321.1	4501.2	4742.3	4871.4	5027.7	5601.8	6345.8	*6899.5*	6885.9
45°	4412.8	4446.8	4691.4	4929.2	5173.8	5370.8	5367.4	5856.6	6614.1	*7303.8*	7218.8
47.5°	4647.2	4688.0	5020.9	5299.5	5550.9	5649.4	5669.8	6131.8	6984.4	*7792.9*	7592.5
50°	4772.9	4844.3	5207.7	5561.0	5832.8	5863.4	5955.1	6491.9	7470.2	*8441.8*	8064.7
52.5°	4786.5	4854.5	5272.3	5727.5	6023.1	6084.2	6240.5	6899.5	7942.4	*8961.5*	8336.5
55°	*4504.6*	*4545.3*	*5194.2*	*5754.7*	*6172.5*	*6315.2*	*6634.5*	*7276.6*	*8217.6*	*9202.7*	*8312.7*
57.5°	4239.6	4280.3	4844.3	5707.1	6325.4	6617.5	7055.8	7534.8	8003.6	*8903.8*	7782.7
60°	4012.0	4032.4	4545.3	5486.3	6383.1	6913.1	7419.3	7280.0	7449.8	*8187.0*	6875.7
62.5°	3583.9	3597.5	4205.6	5088.9	6267.6	7140.7	7545.0	6739.8	6841.8	*7198.4*	5809.0
65°	2707.5	2758.4	3315.6	4789.9	6077.4	7246.0	7252.8	6080.8	5975.5	*5890.6*	4569.1
67.5°	1837.8	1895.6	2231.9	4307.5	5768.3	7290.2	6685.5	5228.1	4552.1	*4113.9*	2992.8
70°	1467.5	1467.5	1583.0	3461.6	5034.5	6726.3	5982.3	3947.4	2890.9	*2272.7*	1603.4
72.5°	964.8	968.2	1076.9	2197.9	3570.3	5129.6	4878.2	2282.8	1501.5	*1158.4*	791.5
75°	349.9	349.9	472.2	879.8	1888.8	3054.0	2972.5	1090.5	815.3	*631.9*	479.0
77.5°	186.8	193.6	227.6	363.5	723.6	1243.3	1161.8	557.1	462.0	*394.1*	298.9
80°	125.7	129.1	152.9	224.2	349.9	479.0	373.7	312.5	312.5	*265.0*	200.4
82.5°	67.9	71.3	101.9	146.1	186.8	224.2	180.0	183.4	220.8	*180.0*	115.5
85°	47.6	47.6	78.1	105.3	105.3	108.7	78.1	115.5	129.1	*112.1*	78.1
87.5°	27.2	27.2	44.2	51.0	51.0	47.6	23.8	40.8	51.0	*57.8*	34.0
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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CATALOG NUMBER: GLAN-SB4A-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6	1664.6
2.5°	1671.4	1661.2	1640.8	1600.0	1579.6	1552.5	1528.7	1498.1	1491.3	1487.9	1474.3
5°	1698.5	1678.2	1617.0	1528.7	1454.0	1382.6	1311.3	1270.5	1236.5	1219.6	1216.2
7.5°	1766.5	1725.7	1613.6	1457.4	1318.1	1195.8	1090.5	998.7	951.2	910.4	913.8
10°	1868.4	1803.9	1620.4	1389.4	1182.2	985.2	832.3	699.8	604.7	560.5	557.1
12.5°	2004.3	1912.6	1644.2	1321.5	1015.7	740.6	546.9	468.8	448.4	445.0	441.6
15°	2170.7	2041.7	1668.0	1233.1	791.5	513.0	445.0	428.0	424.6	421.2	421.2
17.5°	2371.2	2191.1	1681.6	1083.7	577.5	441.6	417.8	407.7	404.3	400.9	400.9
20°	2622.6	2357.6	1698.5	893.4	489.2	424.6	397.5	383.9	380.5	380.5	377.1
22.5°	2870.5	2544.4	1685.0	727.0	472.2	404.3	373.7	360.1	353.3	353.3	349.9
25°	3155.9	2734.7	1644.2	655.6	468.8	387.3	349.9	329.5	319.3	315.9	315.9
27.5°	3482.0	2952.1	1579.6	659.0	468.8	373.7	319.3	292.2	285.4	278.6	278.6
30°	3855.7	3217.1	1532.1	703.2	475.6	360.1	292.2	258.2	248.0	241.2	244.6
32.5°	4283.7	3512.6	1528.7	774.5	485.8	339.7	261.6	224.2	214.0	210.6	214.0
35°	4769.5	3879.5	1606.8	828.9	458.6	295.5	224.2	193.6	183.4	183.4	186.8
37.5°	5309.7	4300.7	1712.1	815.3	370.3	234.4	193.6	169.9	159.7	163.1	166.5
40°	5802.2	4630.2	1729.1	696.4	278.6	200.4	166.5	149.5	142.7	146.1	149.5
42.5°	6175.9	4895.2	1566.1	540.1	234.4	169.9	142.7	129.1	125.7	132.5	132.5
45°	6478.3	5000.5	1307.9	400.9	207.2	146.1	125.7	118.9	112.1	115.5	115.5
47.5°	6794.2	5017.5	1066.7	322.7	183.4	132.5	115.5	108.7	101.9	101.9	101.9
50°	7099.9	4976.7	815.3	285.4	169.9	118.9	105.3	98.5	91.7	88.3	88.3
52.5°	7174.7	4650.6	597.9	265.0	156.3	112.1	98.5	91.7	84.9	81.5	81.5
55°	*6967.4*	*4032.4*	*468.8*	*237.8*	*142.7*	*101.9*	*91.7*	*84.9*	*74.7*	*71.3*	*71.3*
57.5°	6284.6	3074.4	373.7	203.8	129.1	98.5	84.9	78.1	67.9	64.5	64.5
60°	5398.0	2180.9	302.3	166.5	118.9	88.3	78.1	67.9	61.1	54.4	54.4
62.5°	4416.2	1566.1	244.6	139.3	112.1	78.1	71.3	61.1	47.6	37.4	37.4
65°	3386.9	1124.4	190.2	112.1	101.9	67.9	61.1	51.0	37.4	27.2	27.2
67.5°	2191.1	727.0	142.7	98.5	78.1	57.8	47.6	40.8	34.0	23.8	20.4
70°	1155.0	424.6	105.3	84.9	57.8	44.2	40.8	34.0	27.2	17.0	17.0
72.5°	597.9	278.6	78.1	74.7	44.2	30.6	34.0	27.2	20.4	10.2	10.2
75°	383.9	186.8	57.8	61.1	27.2	23.8	23.8	17.0	10.2	6.8	3.4
77.5°	248.0	125.7	40.8	51.0	17.0	13.6	13.6	6.8	3.4	0.0	0.0
80°	146.1	78.1	27.2	34.0	6.8	6.8	3.4	0.0	0.0	0.0	0.0
82.5°	74.7	40.8	13.6	13.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	47.6	20.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.8	6.8	3.4	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

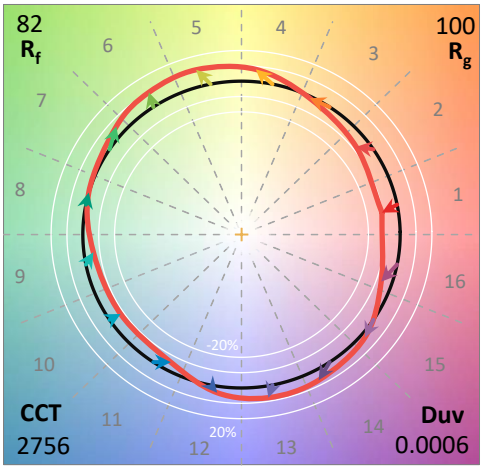
Test Information

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

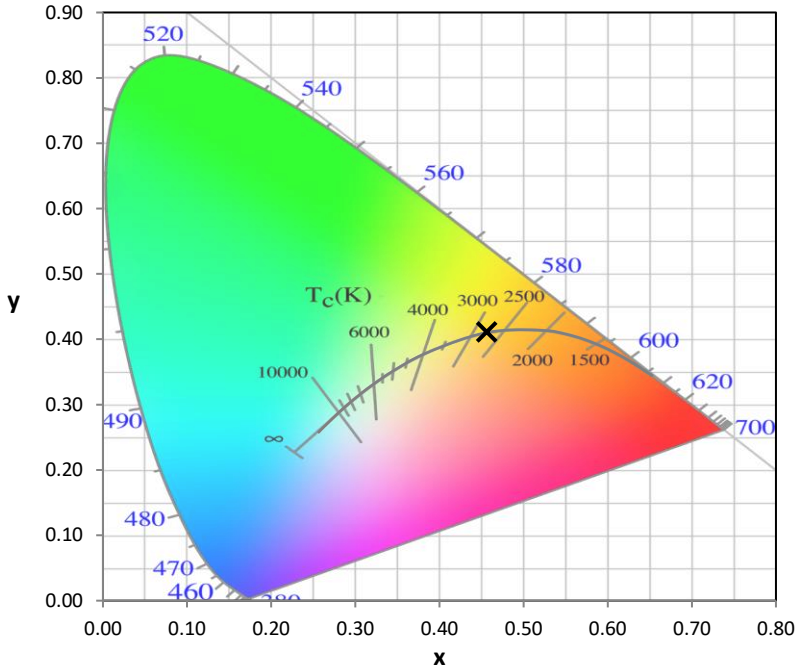
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

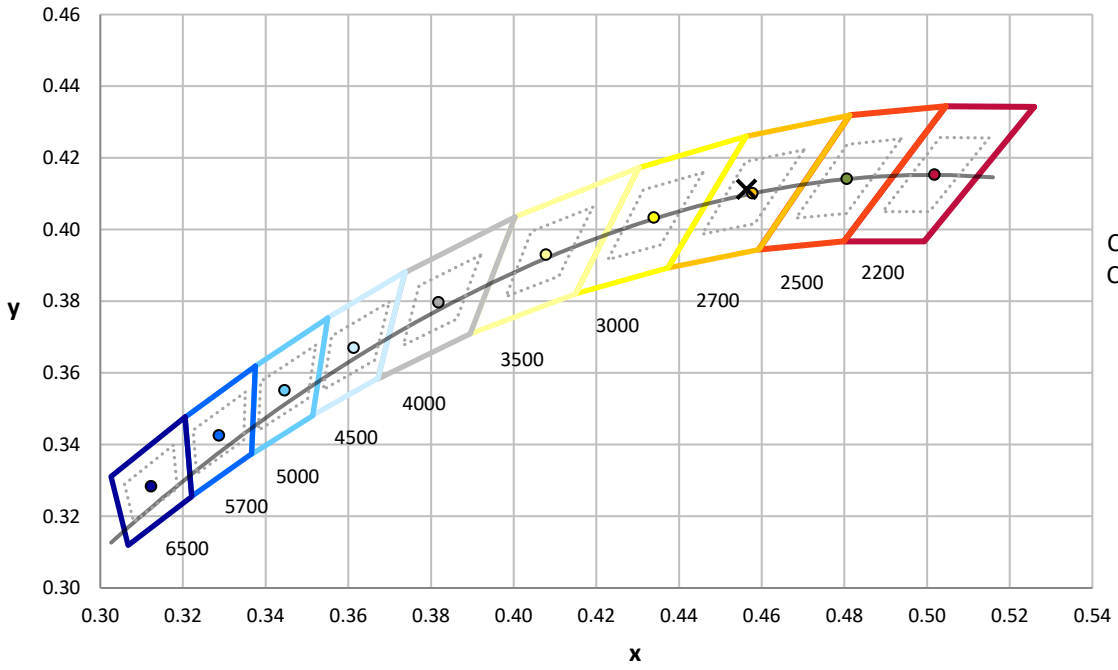
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

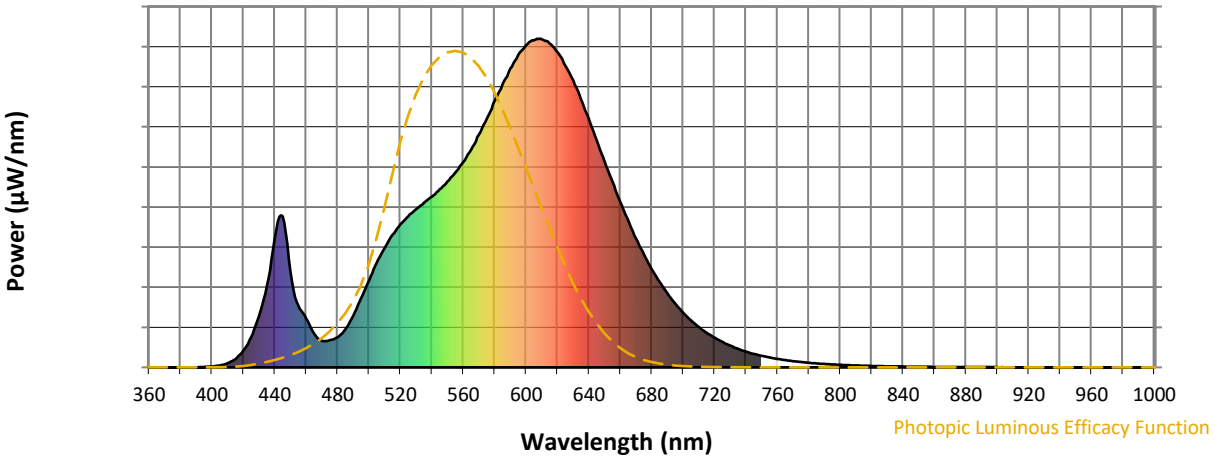


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

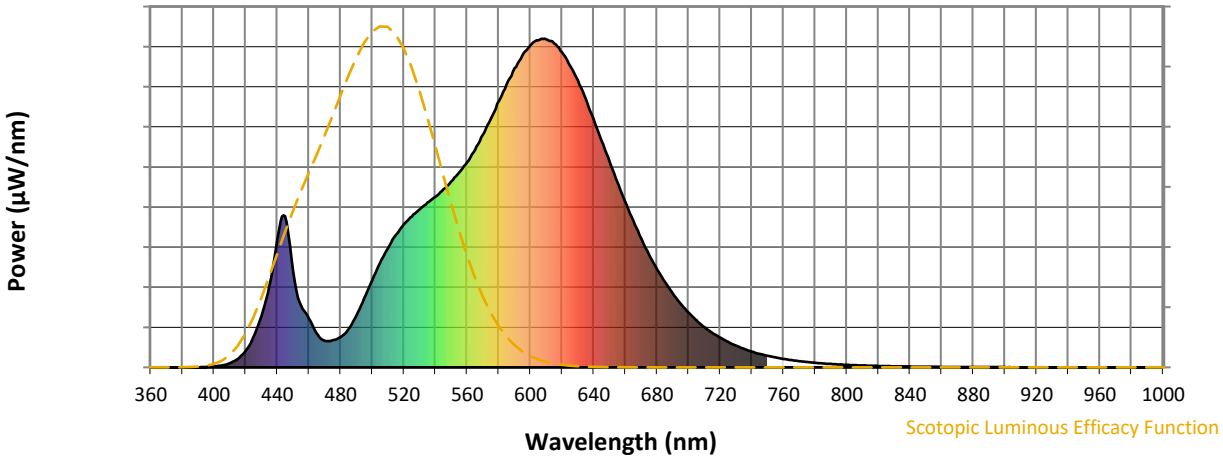


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

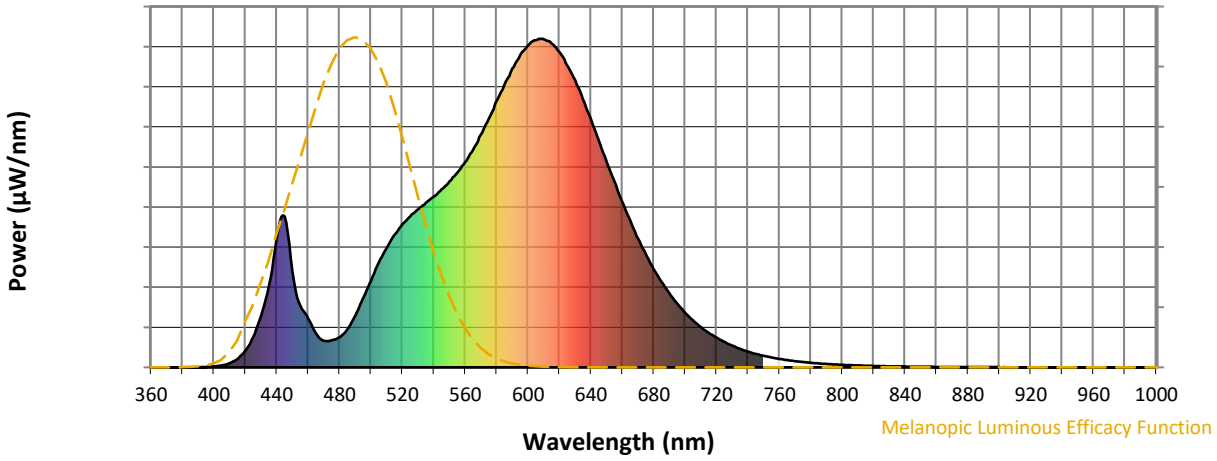


Scotopic Lumens: NR **S/P: 1.2**

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			

REPORT NUMBER: SP1-2407-184-8

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			

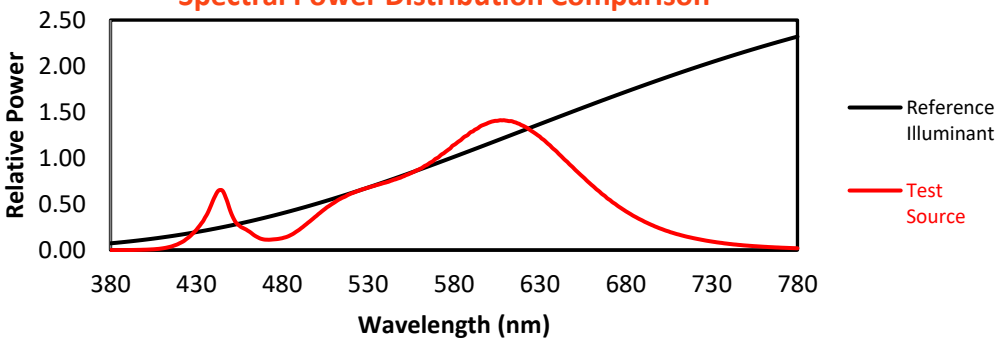
REPORT NUMBER: SP1-2407-184-8

TM-30-18

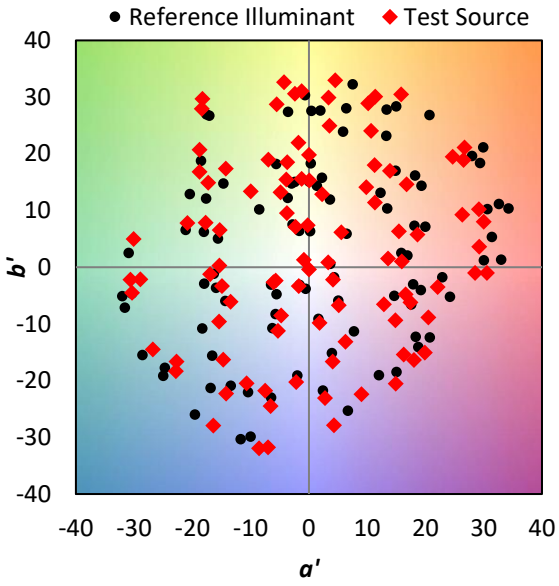
Summary

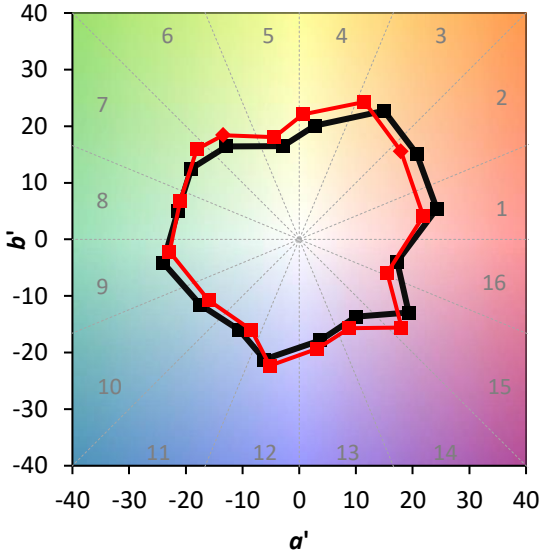
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

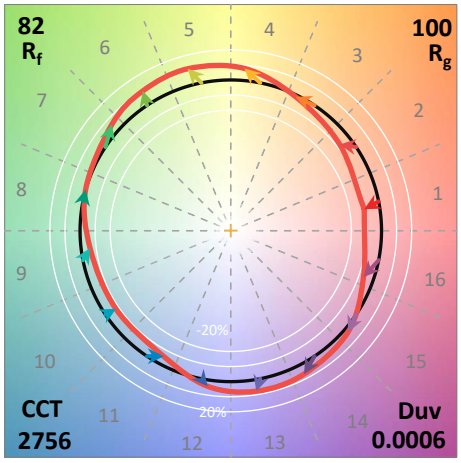
Spectral Power Distribution Comparison

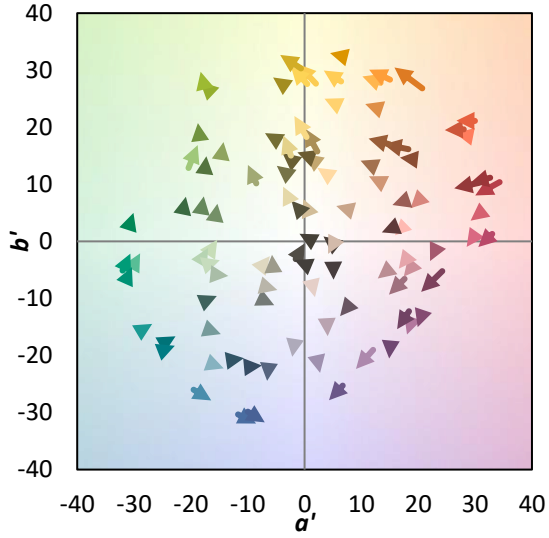


Color Vector Graphics







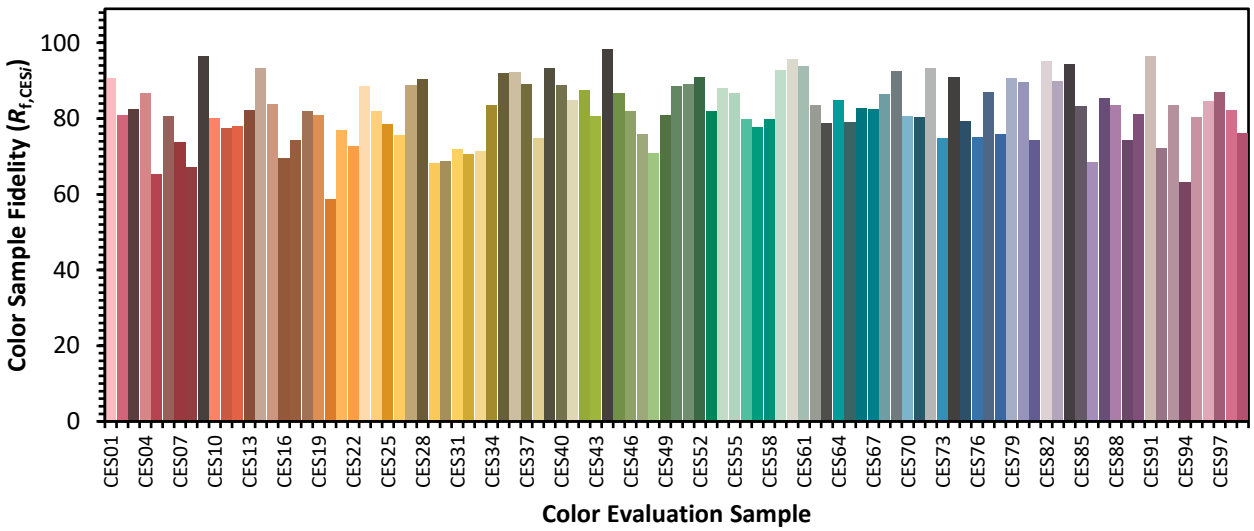


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

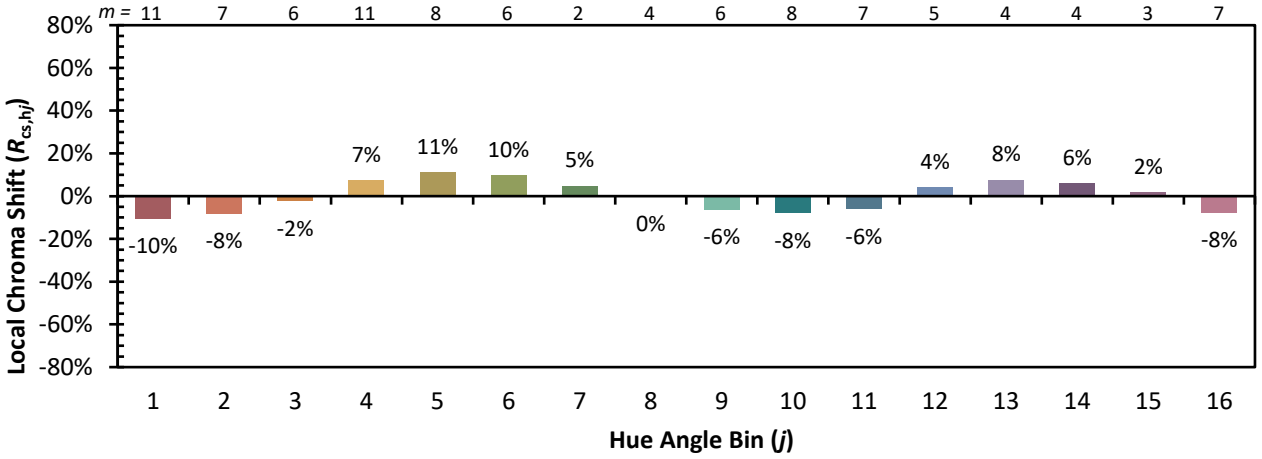
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

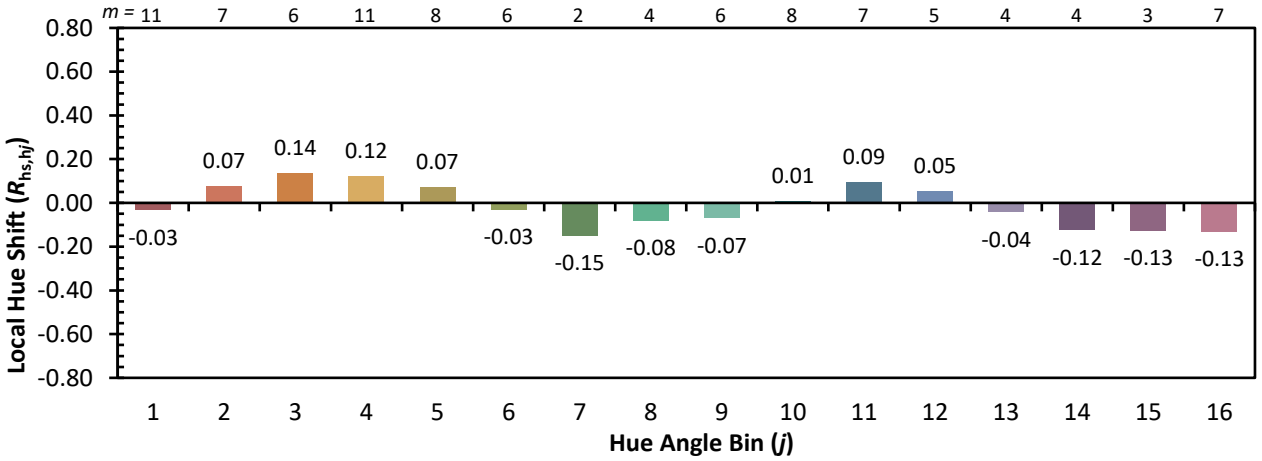


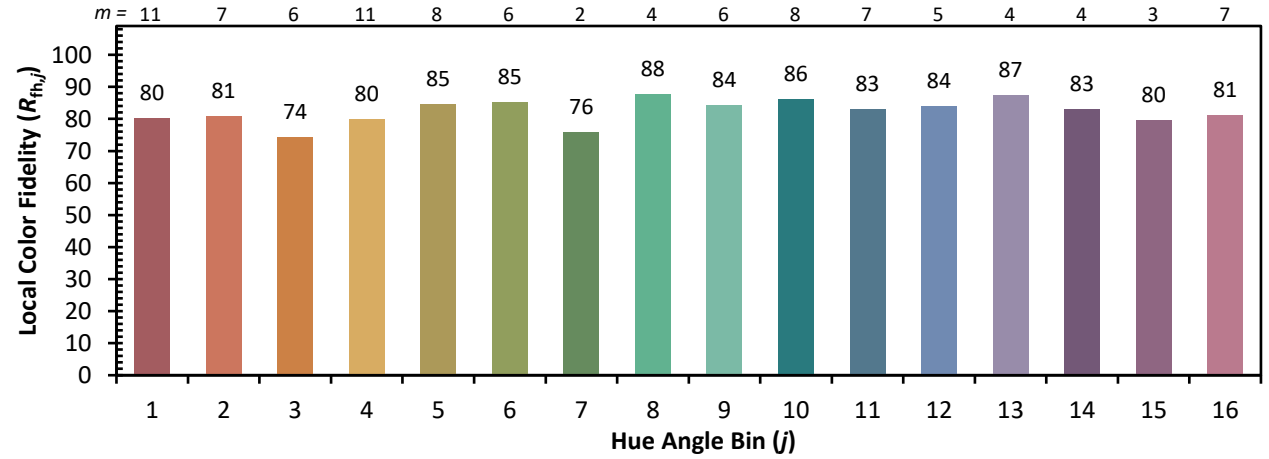
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



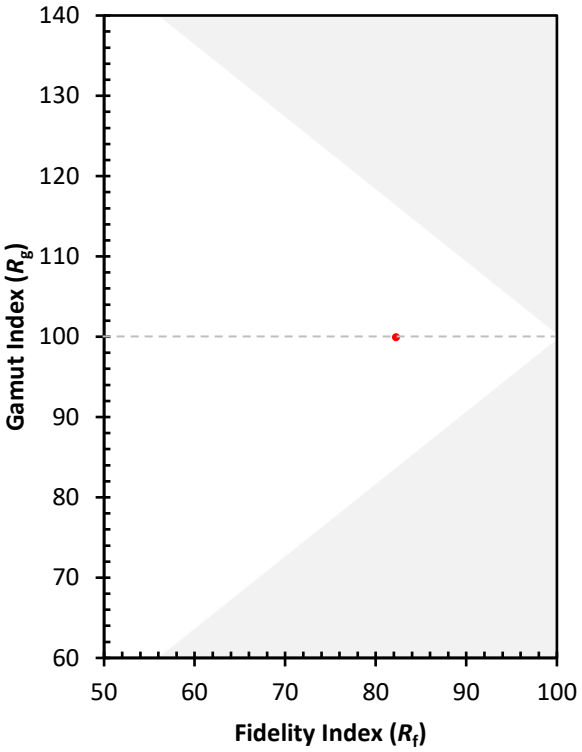


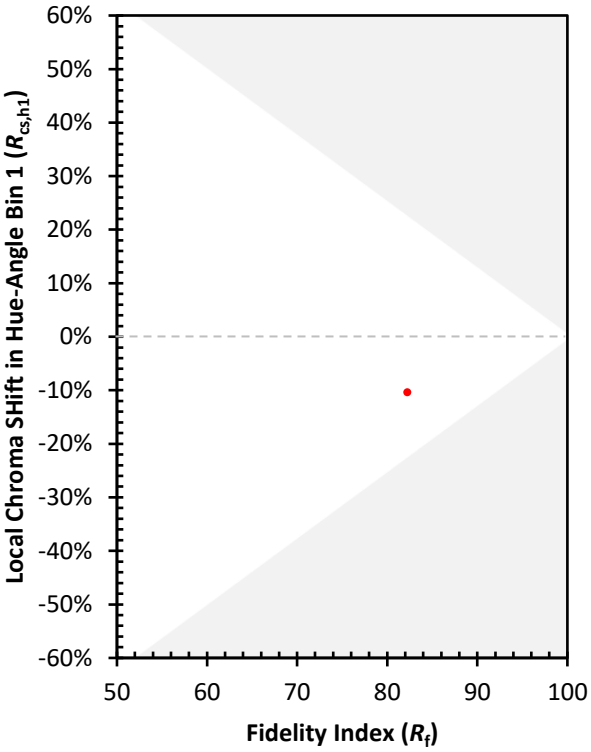


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





(END OF REPORT)