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: P1456054

Luminaire Tested: GLAN-SB3D-830-U-T2LG

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:	P1456054
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-830-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26530.4 lumens
Efficiency:	N/A
Efficacy:	121.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	218.1
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: P1456054
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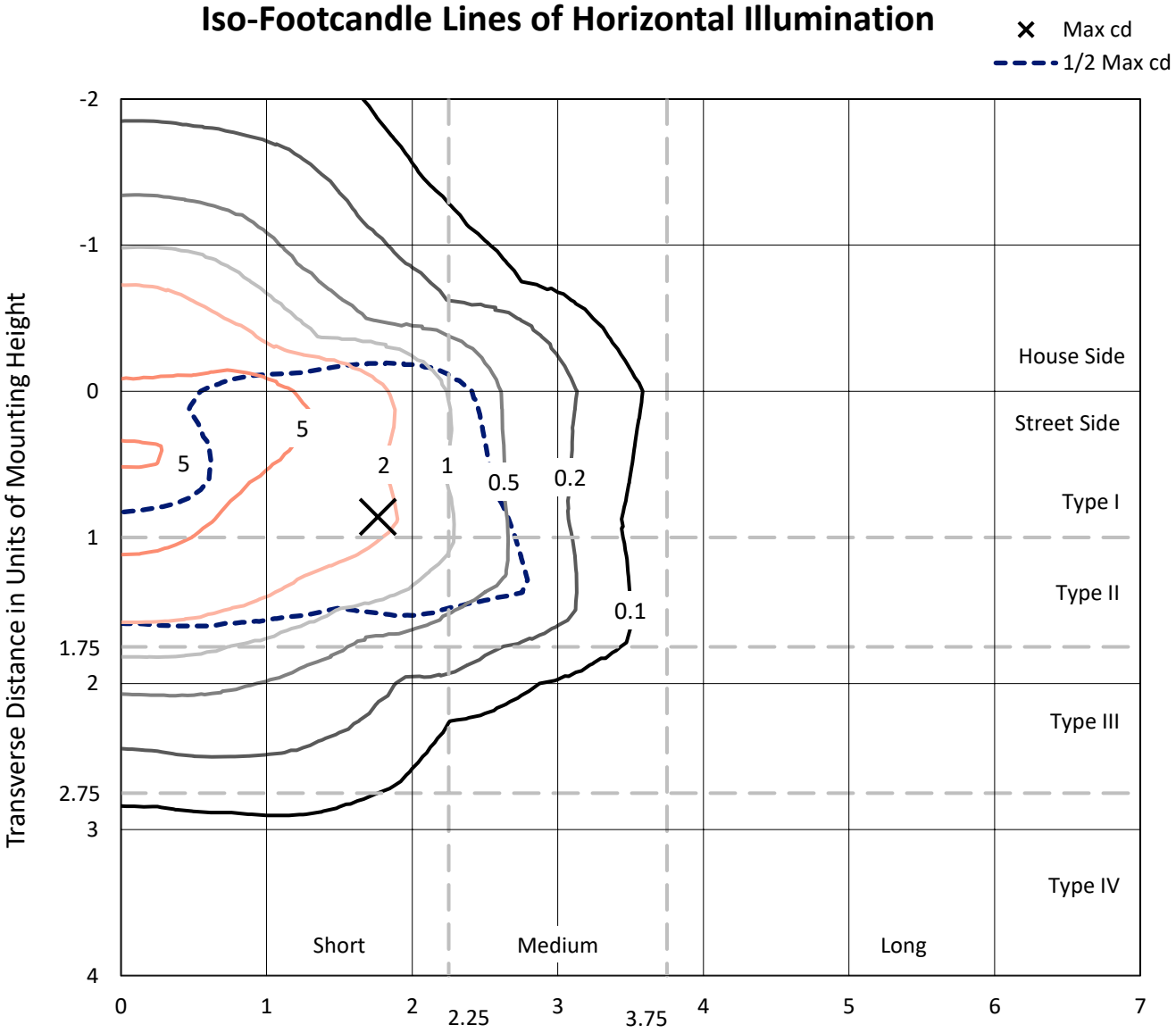
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10 fc
Type II - Short - N/A

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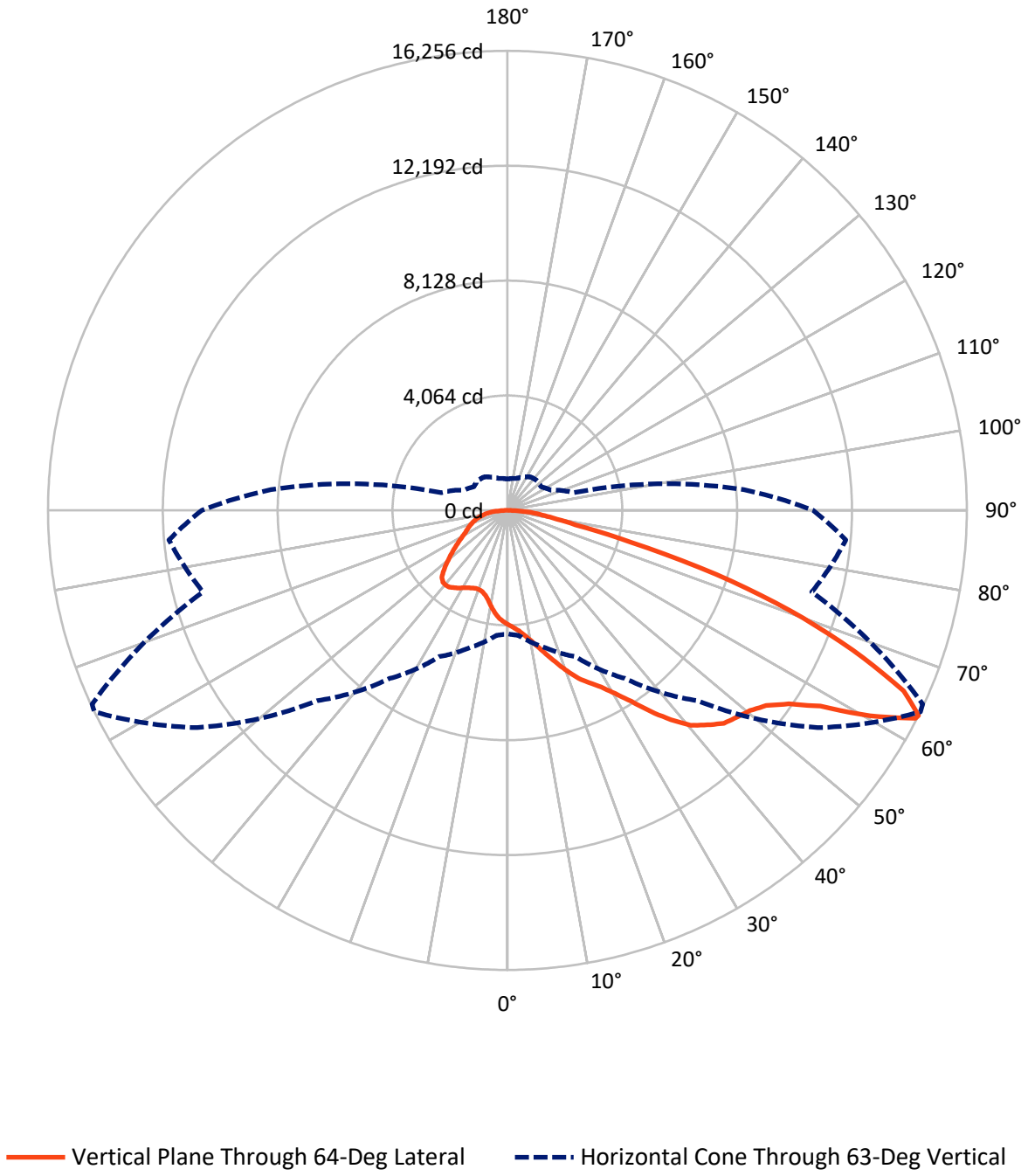
Luminous Intensity Polar Plot



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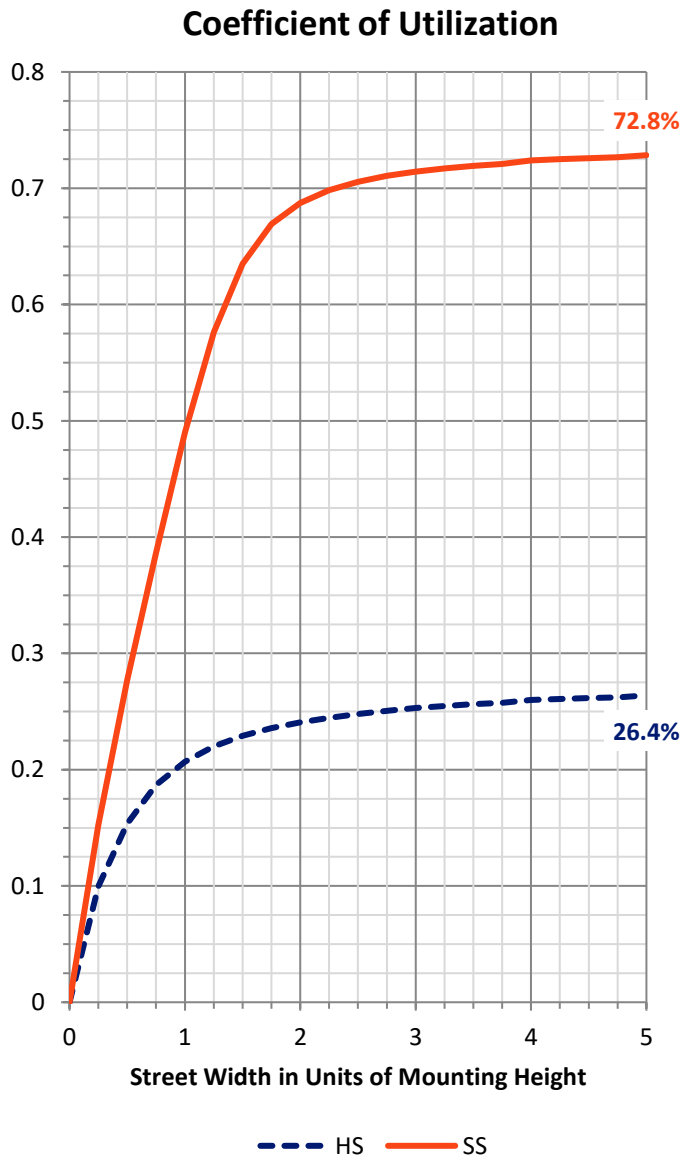
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7128.0	0.0	7128.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	19402.4	0.0	19402.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	26530.4	0.0	26530.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	371.0	1.4
10°-20°	1142.0	4.3
20°-30°	2088.3	7.9
30°-40°	3592.2	13.5
40°-50°	5297.6	20.0
50°-60°	6349.5	23.9
60°-70°	5096.1	19.2
70°-80°	2047.7	7.7
80°-90°	546.0	2.1
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°	26530.4	100.0
0°-180°	26530.4	100.0



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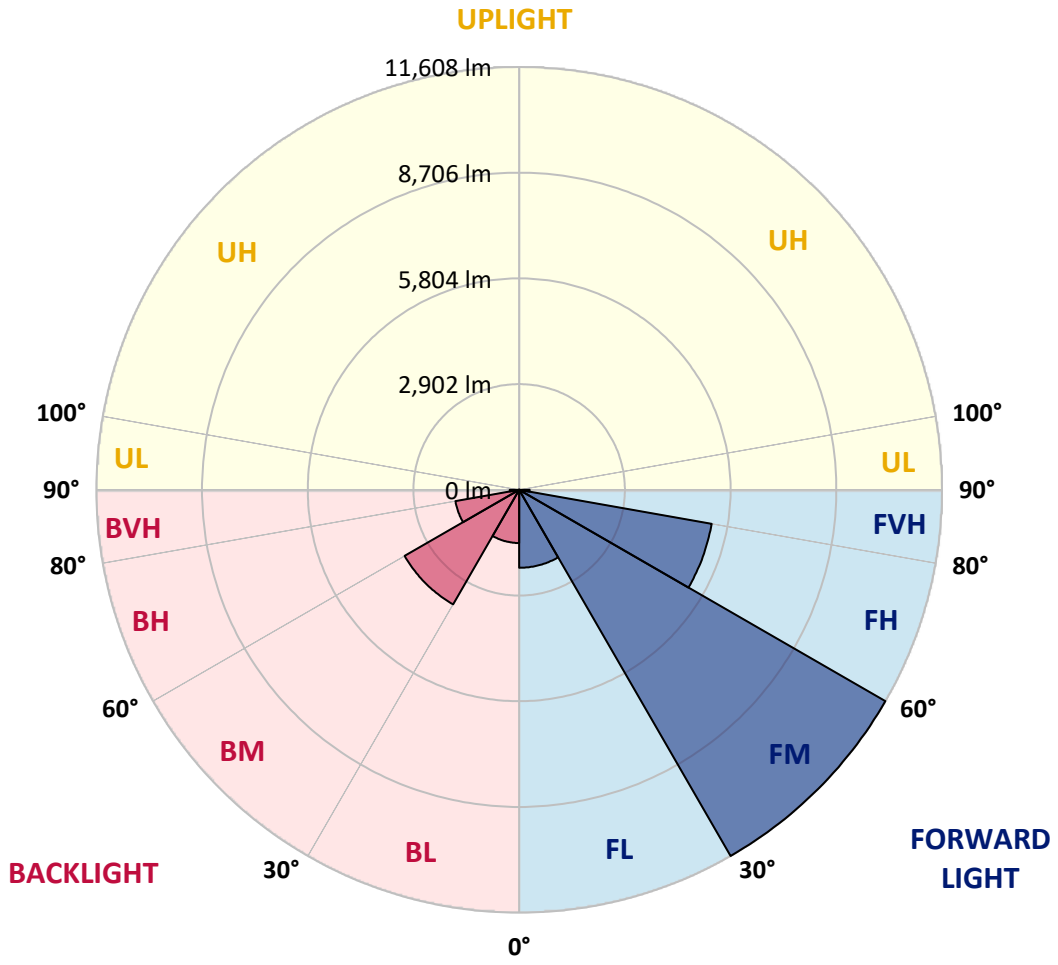
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2140.5	8.1			
FM	(30°-60°)	11608.4	43.8			
FH	(60°-80°)	5366.6	20.2			G3/7500
FVH	(80°-90°)	286.9	1.1			G3/500
BL	(0°-30°)	1460.8	5.5	B3/2500		
BM	(30°-60°)	3630.8	13.7	B3/5000		
BH	(60°-80°)	1777.2	6.7	B3/2500		G3/2500
BVH	(80°-90°)	259.1	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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Scaled Data Report

REPORT NUMBER: P1456054
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	*4040.3*	4040.3	4040.3	4040.3
2.5°	4207.1	4213.1	4195.2	4189.3	4201.2	4177.3	4171.4	*4147.5*	4135.6	4111.8	4082.0
5°	4326.3	4332.3	4320.4	4320.4	4332.3	4314.4	4308.4	*4284.6*	4272.7	4248.8	4189.3
7.5°	4320.4	4326.3	4338.2	4385.9	4445.5	4469.3	4487.2	*4469.3*	4463.4	4427.6	4368.0
10°	4225.0	4231.0	4260.8	4332.3	4481.2	4588.5	4701.7	*4701.7*	4713.7	4683.9	4576.6
12.5°	4093.9	4099.9	4171.4	4284.6	4481.2	4666.0	4898.4	*4993.7*	4987.8	4969.9	4844.8
15°	3778.1	3778.1	3885.3	4099.9	4415.7	4719.6	5065.2	*5321.5*	5327.4	5345.3	5196.3
17.5°	3509.9	3515.9	3605.3	3796.0	4207.1	4689.8	5244.0	*5685.0*	5702.9	5804.2	5589.6
20°	3533.7	3533.7	3563.5	3647.0	3980.7	4570.6	5345.3	*6072.3*	6131.9	6370.3	6102.1
22.5°	3718.5	3718.5	3742.3	3736.4	3939.0	4493.2	5410.9	*6459.7*	6566.9	7061.5	6715.9
25°	4058.2	4052.2	4028.4	3992.6	4111.8	4576.6	5559.8	*6757.6*	6966.2	7824.3	7425.0
27.5°	4475.3	4463.4	4427.6	4368.0	4451.5	4826.9	5816.1	*7073.5*	7299.9	8658.6	8175.9
30°	4993.7	4958.0	4922.2	4844.8	4934.1	5238.1	6197.5	*7520.4*	7734.9	9606.1	9081.7
32.5°	5607.5	5649.2	5530.1	5422.8	5518.1	5798.2	6763.6	*8050.8*	8283.2	10595.3	10023.2
35°	6525.2	6650.4	6614.6	6072.3	6161.7	6471.6	7425.0	*8736.0*	8944.6	11495.1	10988.6
37.5°	7431.0	7401.2	7431.0	6978.1	6835.1	7210.5	8134.2	*9391.6*	9594.2	12228.1	11840.7
40°	8158.0	8247.4	8247.4	7877.9	7693.2	7943.5	8777.8	*9993.4*	10190.1	12633.3	12454.5
42.5°	8950.6	8962.5	8938.7	8616.9	8545.4	8610.9	9343.9	*10374.8*	10535.7	12841.9	12871.7
45°	9844.4	9838.5	9737.2	9469.0	9361.8	9302.2	9695.5	*10744.3*	10905.2	12937.2	13098.1
47.5°	10583.4	10613.2	10619.1	10333.1	10154.3	9898.1	9999.4	*10929.0*	11113.7	12830.0	13145.8
50°	10625.1	10672.8	10899.2	10982.6	10946.9	10535.7	10279.5	*11125.7*	11310.4	12853.8	13318.6
52.5°	10362.9	10410.6	10702.6	11048.2	11465.3	11268.7	10720.4	*11465.3*	11656.0	13086.2	13711.9
55°	9659.7	9737.2	10172.2	10654.9	11399.8	11679.8	11501.1	*12079.1*	12257.9	13270.9	14170.8
57.5°	8408.3	8503.6	9105.5	9874.2	10893.2	11584.5	12633.3	*13062.4*	13211.3	13402.0	14176.7
60°	6286.9	6364.3	7305.9	8342.7	9874.2	10988.6	13306.7	*14748.8*	14832.2	12692.9	13372.2
62.5°	4630.2	4707.7	5339.4	6084.2	7758.8	9892.1	13437.8	*16208.8*	16220.7	11411.7	12263.8
63°	*4362.1*	*4439.5*	*5011.6*	*5708.8*	*7258.2*	*9522.7*	*13396.1*	*16256.4*	*16214.7*	*11149.5*	*12019.5*
65°	3396.7	3533.7	4129.7	4660.0	5440.7	7580.0	12859.8	*15410.2*	15469.8	10374.8	10791.9
67.5°	2312.1	2413.4	3170.2	3784.0	4111.8	4826.9	10547.6	*13187.5*	13282.8	9570.3	8610.9
70°	1787.7	1835.4	2276.4	2997.4	3325.2	3068.9	6876.8	*10619.1*	10619.1	7472.7	6102.1
72.5°	1400.4	1418.3	1716.2	2341.9	2675.6	2359.8	3831.7	*7723.0*	7437.0	4433.6	4070.1
75°	1001.1	1025.0	1293.1	1746.0	2133.4	1859.2	2449.2	*4499.1*	4326.3	2550.5	2717.4
77.5°	792.6	804.5	965.4	1287.2	1728.1	1418.3	1865.2	*2455.2*	2431.3	1793.7	1746.0
80°	625.7	649.5	756.8	923.7	1334.8	1108.4	1388.5	*1620.9*	1573.2	1233.5	1120.3
82.5°	446.9	488.6	584.0	703.2	989.2	792.6	911.7	*1144.1*	1144.1	929.6	738.9
85°	274.1	309.9	345.6	435.0	703.2	512.5	482.7	*738.9*	756.8	697.2	476.7
87.5°	131.1	143.0	166.9	184.7	256.2	232.4	190.7	*280.1*	286.0	309.9	196.7
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: P1456054
CATALOG NUMBER: GLAN-SB3D-830-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3	4040.3
2.5°	4076.0	4064.1	4004.5	3944.9	3879.4	3819.8	3760.2	3712.5	3658.9	3670.8	3676.8
5°	4153.5	4123.7	3992.6	3837.7	3635.1	3444.4	3259.6	3128.5	3045.1	3021.3	2973.6
7.5°	4320.4	4248.8	4010.5	3682.7	3307.3	3009.3	2836.5	2759.1	2735.2	2741.2	2729.3
10°	4511.0	4403.8	4034.3	3498.0	3021.3	2818.7	2794.8	2842.5	2866.3	2890.2	2896.1
12.5°	4761.3	4588.5	4022.4	3295.4	2884.2	2848.5	2937.8	3027.2	3080.9	3116.6	3110.7
15°	5053.3	4820.9	3986.6	3128.5	2866.3	2961.7	3074.9	3176.2	3241.8	3277.5	3259.6
17.5°	5404.9	5095.0	3944.9	3021.3	2920.0	3033.2	3152.4	3253.7	3325.2	3349.0	3331.1
20°	5839.9	5404.9	3873.4	2973.6	2961.7	3063.0	3170.2	3265.6	3325.2	3349.0	3325.2
22.5°	6352.4	5774.4	3813.8	2973.6	2979.6	3063.0	3140.4	3212.0	3265.6	3283.5	3253.7
25°	7007.9	6203.4	3790.0	3021.3	2985.5	3033.2	3074.9	3116.6	3146.4	3158.3	3146.4
27.5°	7675.3	6698.0	3801.9	3080.9	2979.6	2991.5	2991.5	2997.4	3003.4	3009.3	3003.4
30°	8444.1	7198.6	3849.6	3158.3	2991.5	2931.9	2914.0	2878.2	2848.5	2824.6	2800.8
32.5°	9188.9	7675.3	3933.0	3271.5	2979.6	2866.3	2830.6	2741.2	2657.8	2586.3	2586.3
35°	9993.4	8169.9	4082.0	3355.0	2967.6	2806.7	2705.4	2604.1	2514.7	2413.4	2413.4
37.5°	10684.7	8593.0	4201.2	3450.3	2955.7	2735.2	2574.3	2461.1	2365.8	2264.5	2252.5
40°	11167.4	8837.4	4272.7	3486.1	2914.0	2639.9	2449.2	2306.2	2169.1	2032.1	2026.1
42.5°	11399.8	8825.4	4231.0	3474.2	2836.5	2520.7	2341.9	2151.2	1966.5	1841.4	1829.4
45°	11524.9	8748.0	4070.1	3372.9	2711.4	2395.6	2204.9	2002.3	1817.5	1704.3	1680.5
47.5°	11501.1	8557.3	3849.6	3122.6	2544.5	2258.5	2067.8	1859.2	1710.3	1644.7	1644.7
50°	11566.6	8408.3	3599.3	2836.5	2318.1	2097.6	1942.7	1752.0	1662.6	1579.2	1549.4
52.5°	11858.6	8533.4	3384.8	2568.4	2103.6	1942.7	1835.4	1674.5	1561.3	1507.7	1489.8
55°	12246.0	8801.6	3182.2	2330.0	1895.0	1805.6	1752.0	1603.0	1471.9	1418.3	1388.5
57.5°	12317.5	8986.3	2985.5	2097.6	1722.2	1698.3	1680.5	1477.9	1370.6	1328.9	1305.0
60°	11822.9	8849.3	2729.3	1889.0	1585.1	1597.0	1549.4	1400.4	1275.2	1233.5	1209.7
62.5°	10982.6	8491.7	2473.0	1710.3	1477.9	1501.7	1454.0	1305.0	1179.9	1138.2	1126.3
63°	*10815.8*	*8396.4*	*2413.4*	*1692.4*	*1454.0*	*1483.8*	*1442.1*	*1293.1*	*1168.0*	*1126.3*	*1108.4*
65°	9820.6	7824.3	2204.9	1597.0	1376.6	1376.6	1382.5	1233.5	1126.3	1108.4	1096.5
67.5°	8009.0	6531.2	1978.4	1483.8	1293.1	1311.0	1340.8	1257.4	1215.7	1203.7	1191.8
70°	6054.5	4916.3	1781.8	1376.6	1203.7	1263.3	1465.9	1430.2	1275.2	1168.0	1144.1
72.5°	4290.6	3349.0	1609.0	1269.3	1096.5	1245.5	1519.6	1364.6	1150.1	1025.0	1001.1
75°	2872.3	2157.2	1436.1	1156.1	977.3	1150.1	1436.1	1245.5	1001.1	971.3	935.6
77.5°	1805.6	1537.4	1263.3	1025.0	846.2	1025.0	1305.0	1108.4	864.1	876.0	822.4
80°	1102.4	1096.5	1060.7	870.0	679.3	816.4	1096.5	935.6	691.3	691.3	613.8
82.5°	655.5	792.6	899.8	721.1	494.6	584.0	792.6	703.2	578.0	560.2	524.4
85°	441.0	536.3	715.1	554.2	315.8	357.5	548.2	590.0	530.4	464.8	435.0
87.5°	160.9	214.5	327.8	226.4	137.1	214.5	411.2	429.1	321.8	250.3	226.4
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

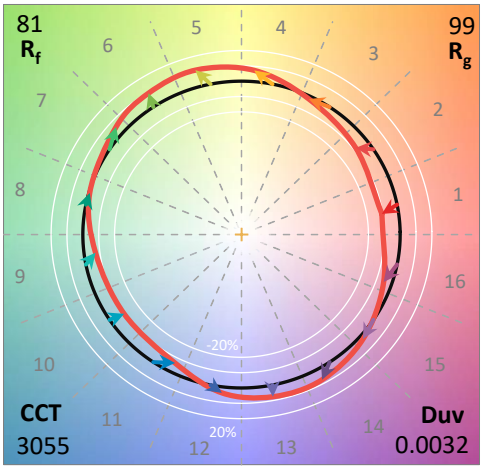
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

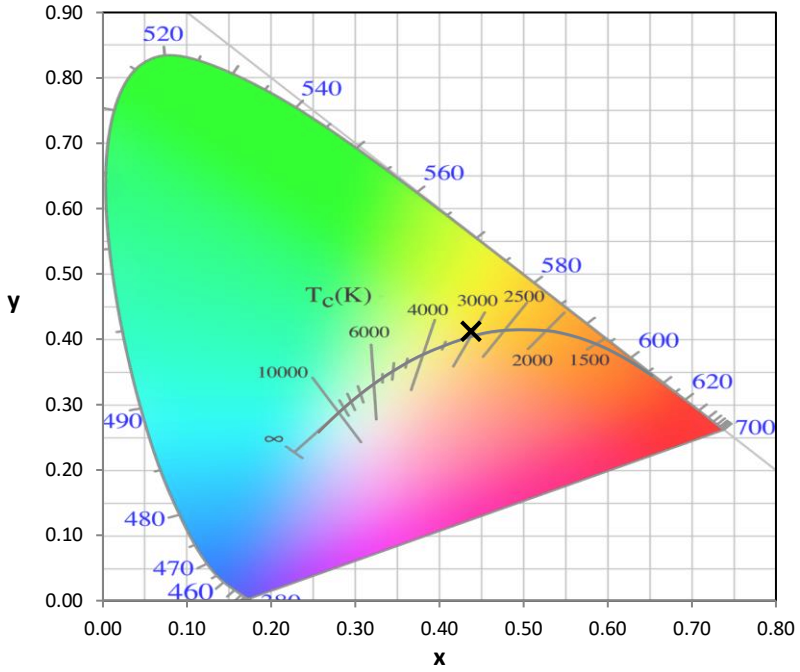
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

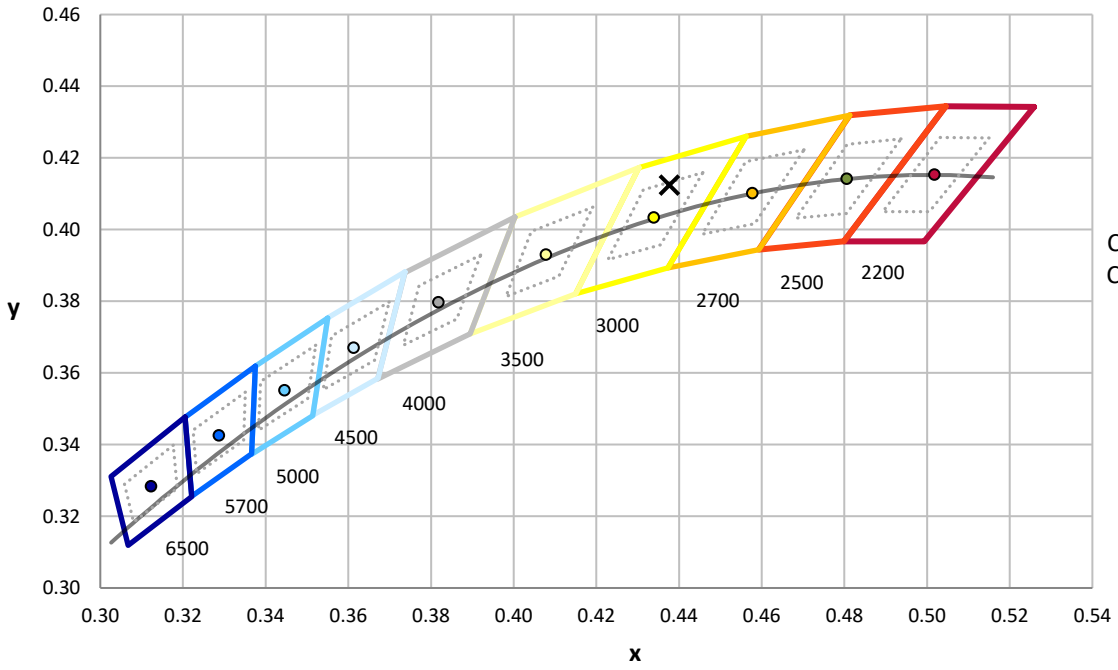
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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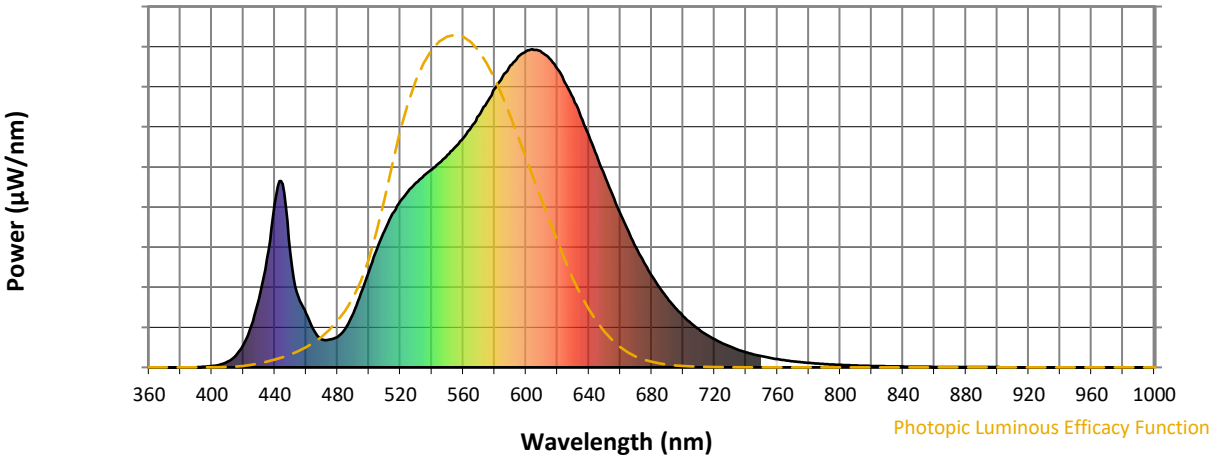
Photopic Flux vs. Wavelength



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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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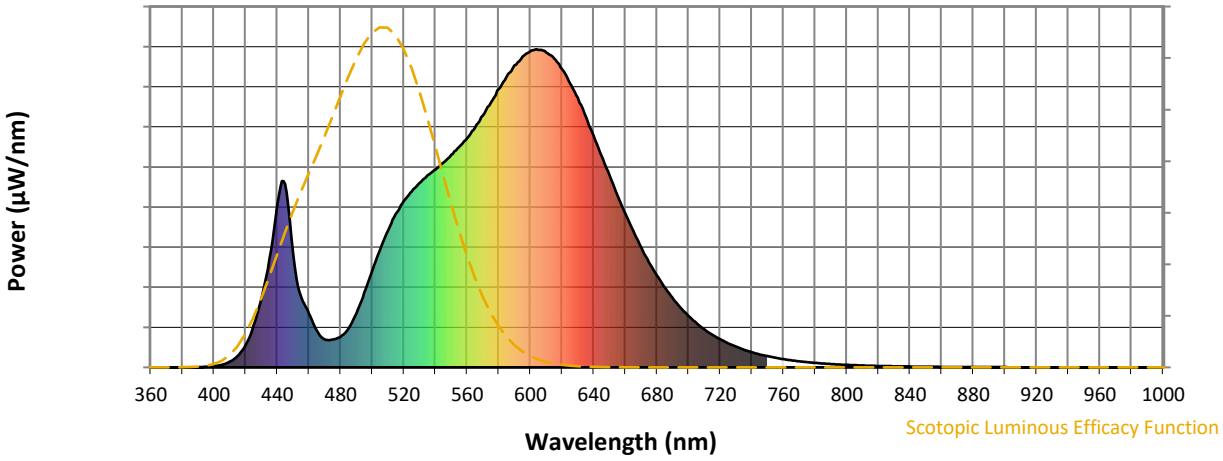
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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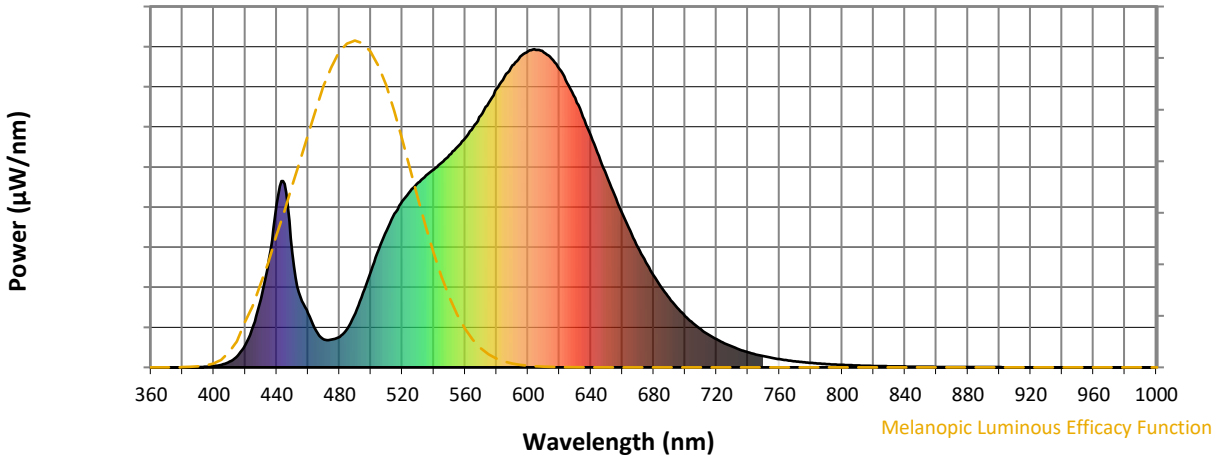
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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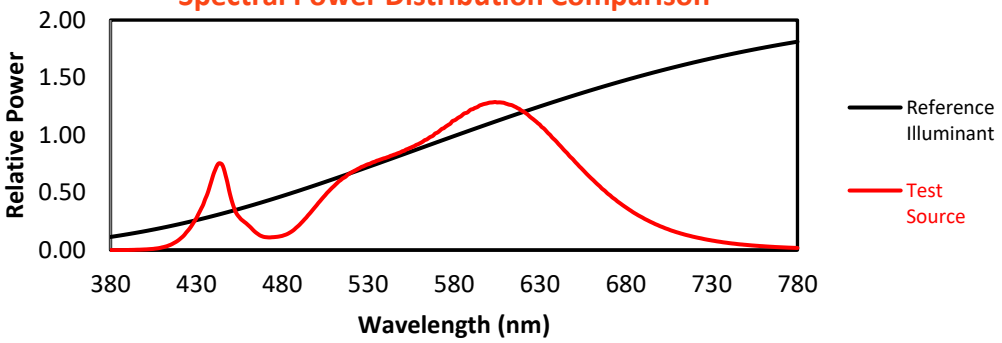
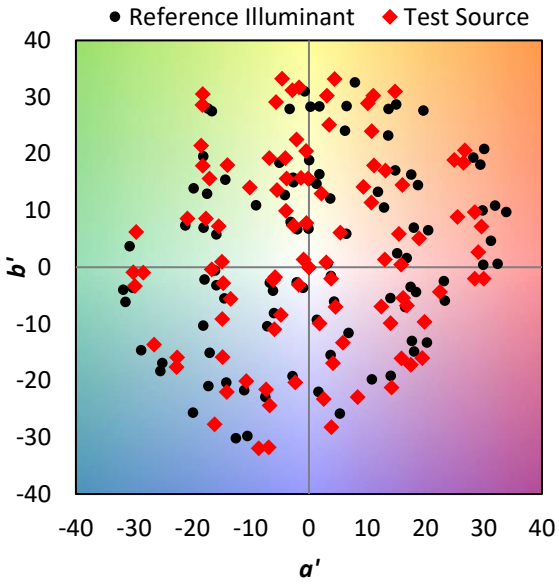
Summary

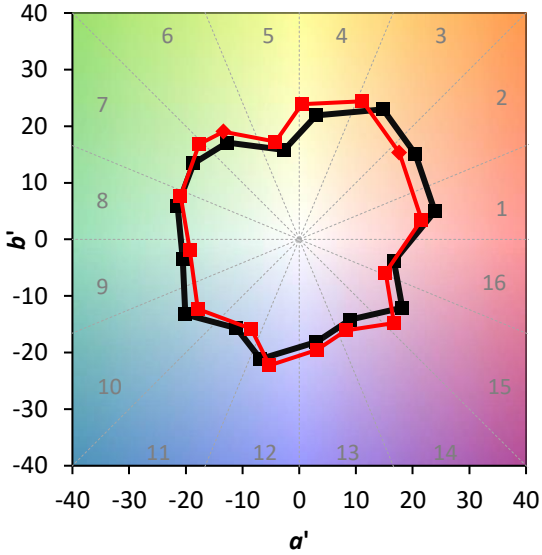
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

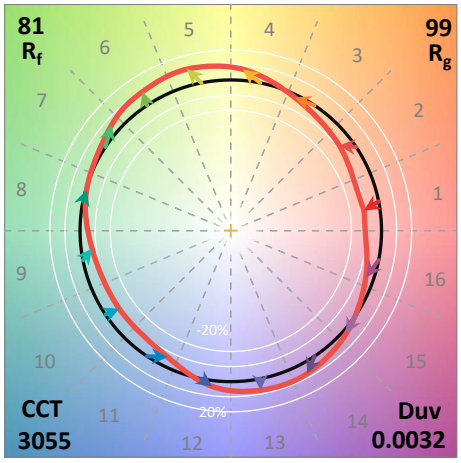
Spectral Power Distribution Comparison

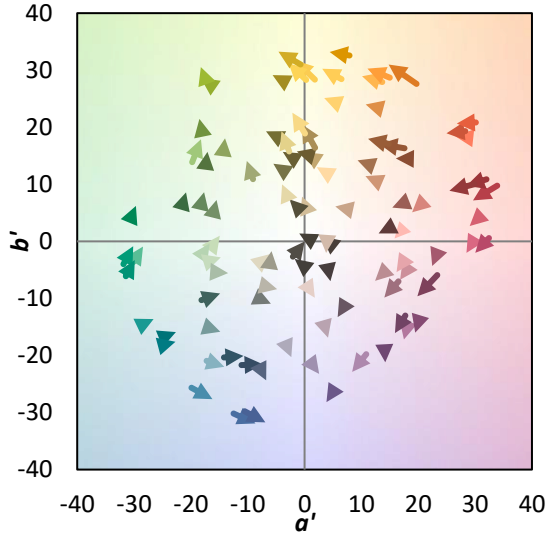


Color Vector Graphics









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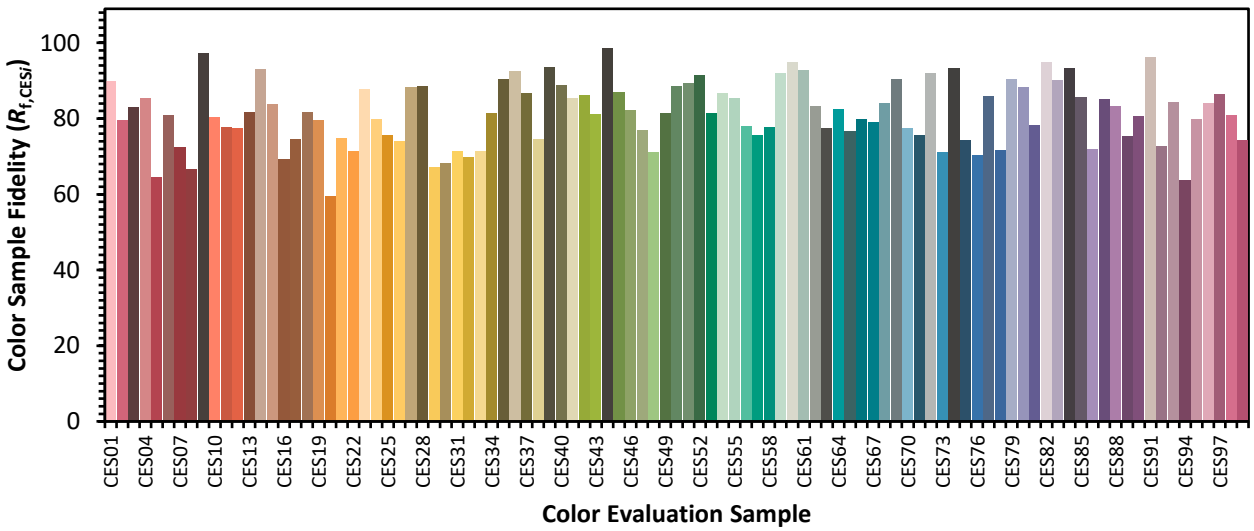
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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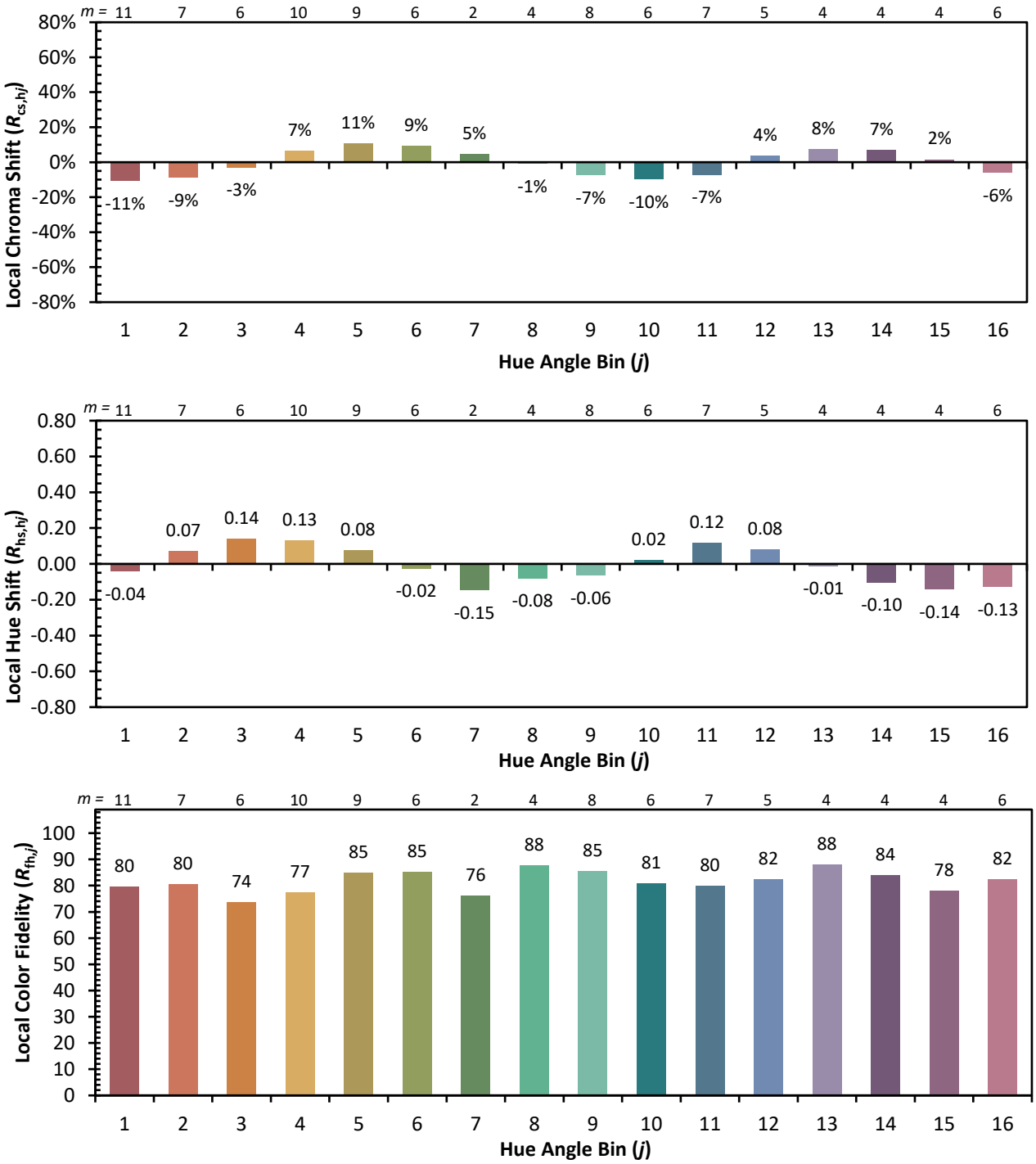
Color Rendition by Hue-Angle Bin



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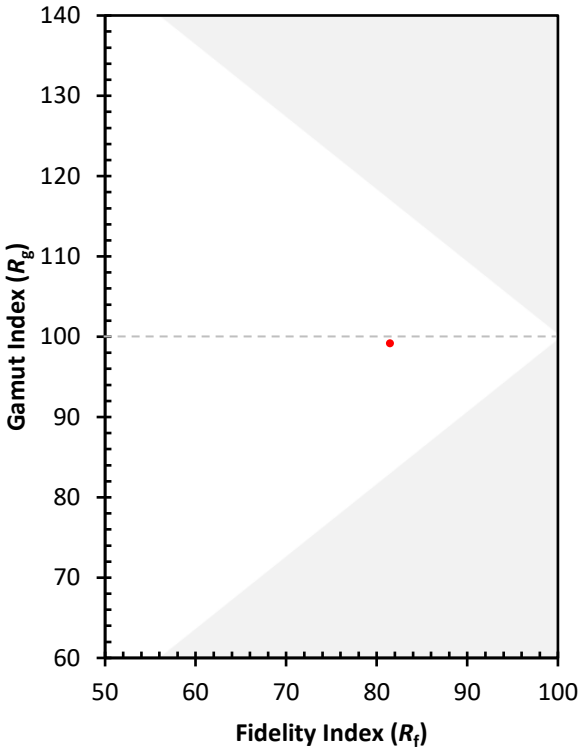
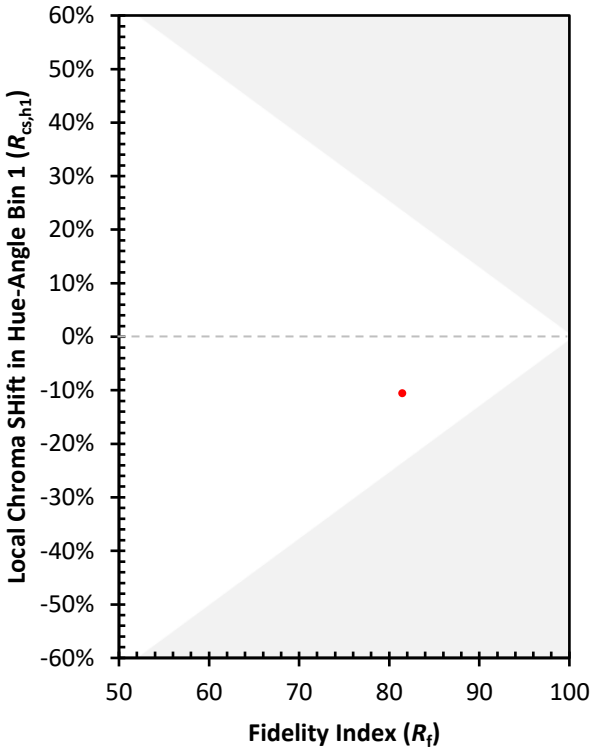
Measure Comparisons





(END OF REPORT)