Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1457224

Luminaire Tested: GLAN-SB8B-830-U-T4LG

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:	P1457224
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8B-830-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	40026.8 lumens
Efficiency:	N/A
Efficacy:	136.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	292.8
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: P1457224
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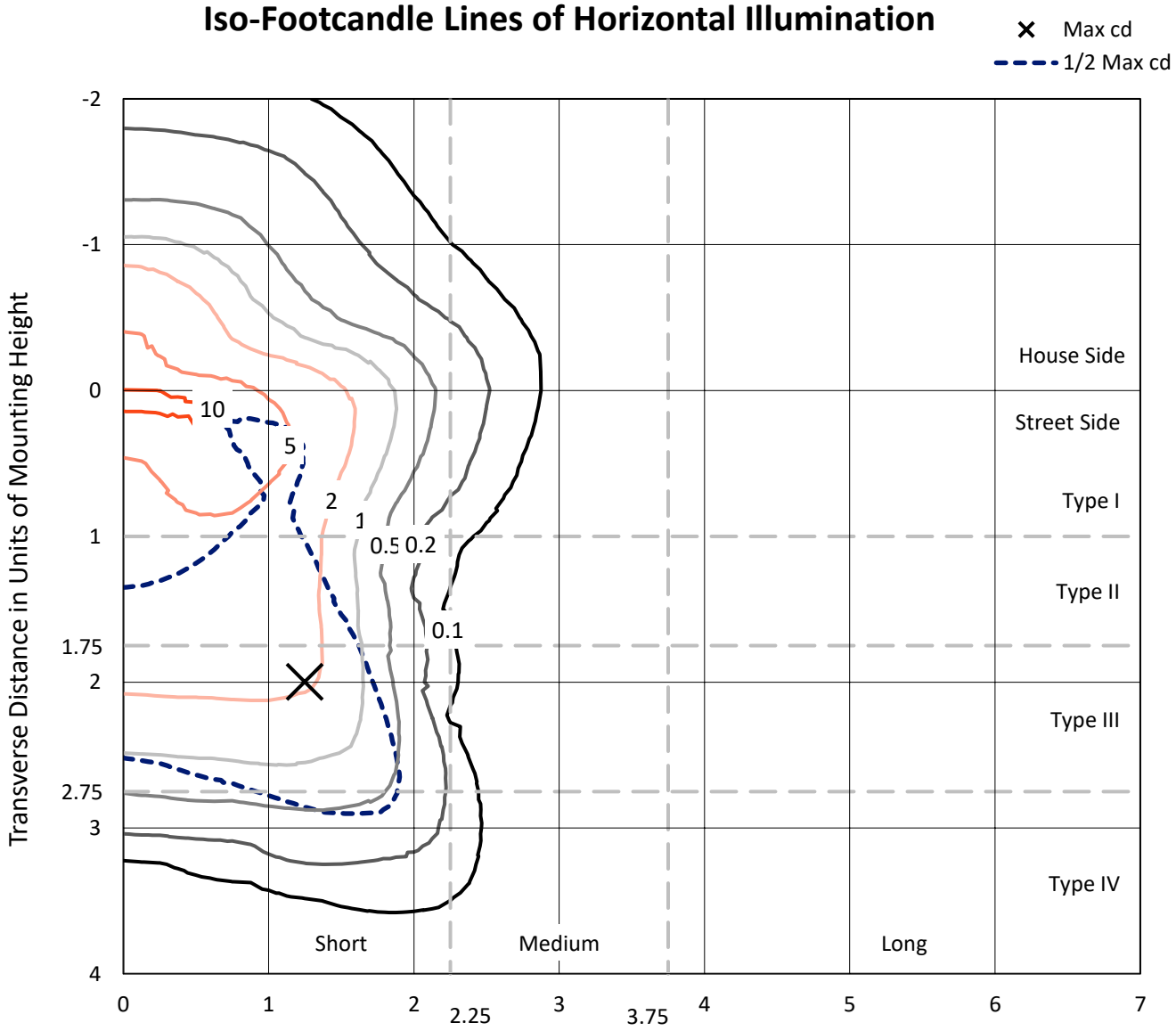
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11 fc
Type IV - Short - N/A

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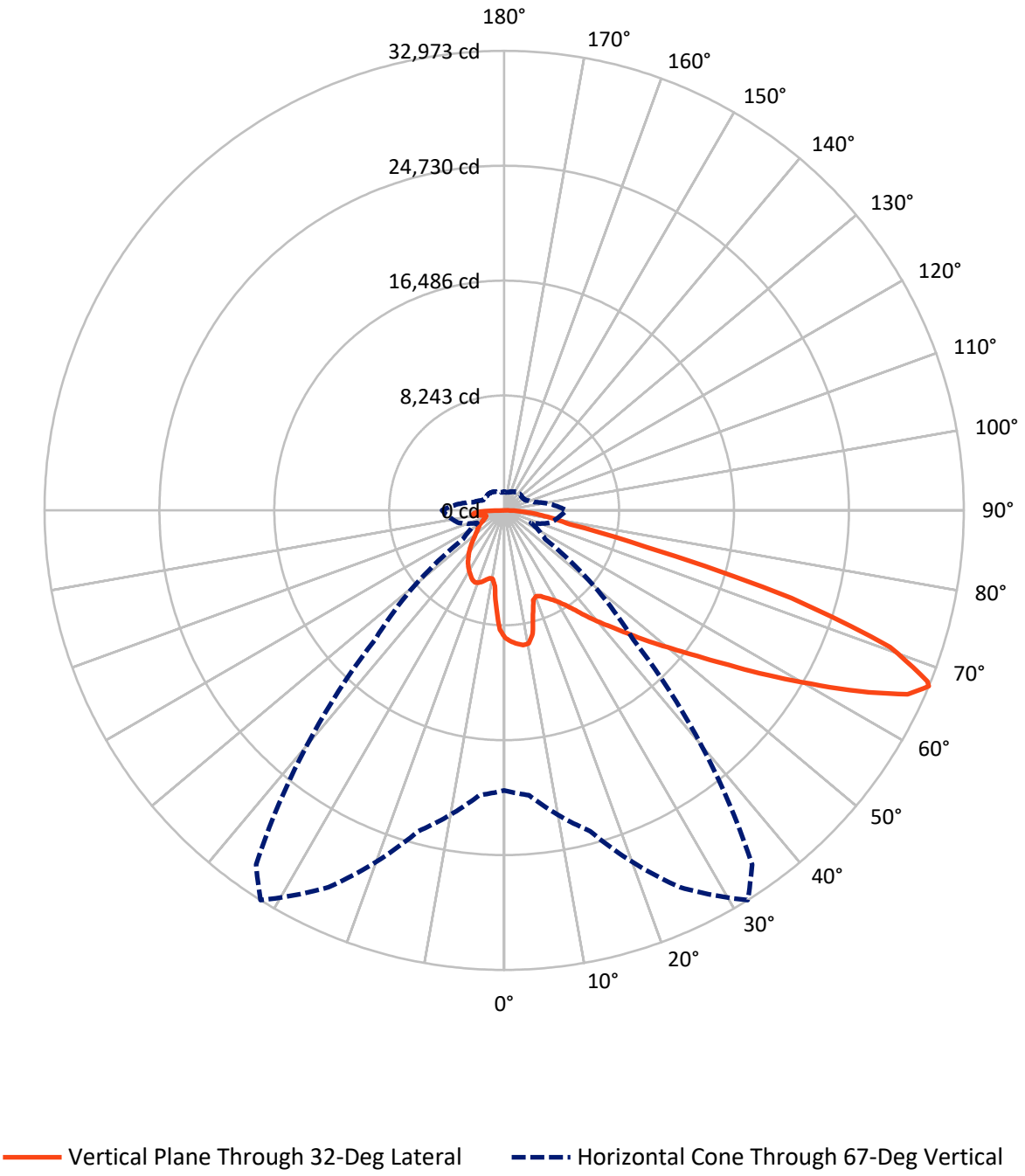
Luminous Intensity Polar Plot



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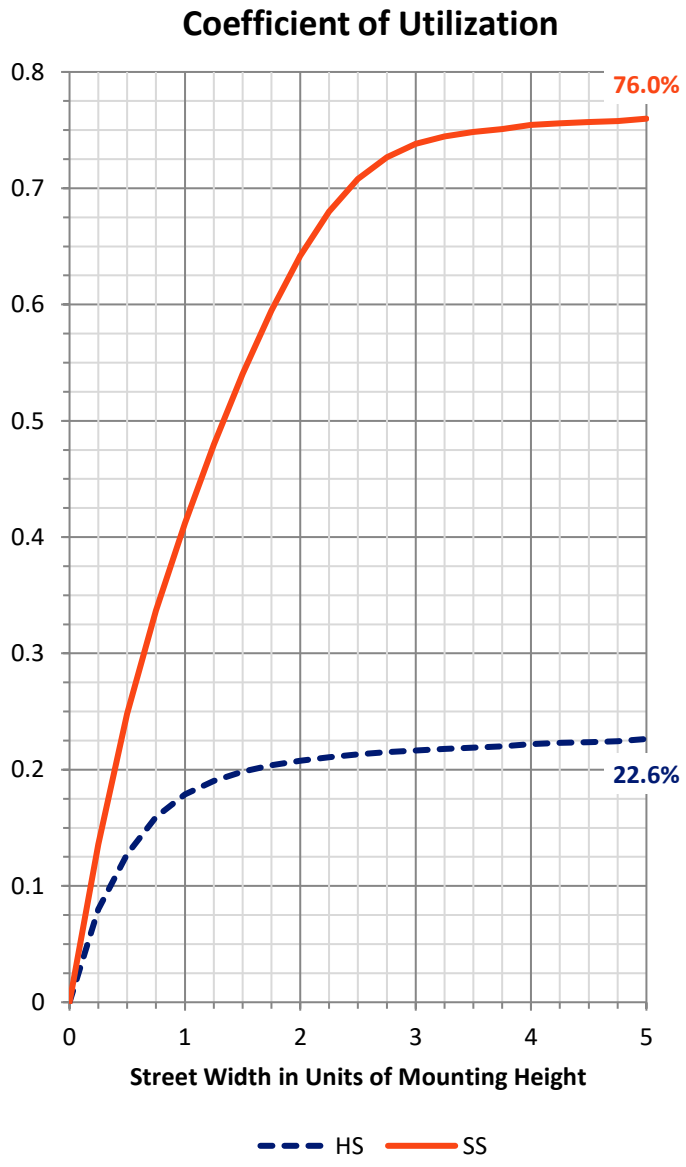
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9476.2	0.0	9476.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	30550.6	0.0	30550.6
	% Fixture	76.3	0.0	76.3
Total	Lumens	40026.8	0.0	40026.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	799.1	2.0
10°-20°	2121.6	5.3
20°-30°	3464.7	8.7
30°-40°	5106.6	12.8
40°-50°	7042.3	17.6
50°-60°	8896.6	22.2
60°-70°	8610.3	21.5
70°-80°	3073.0	7.7
80°-90°	912.5	2.3
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°	40026.8	100.0
0°-180°	40026.8	100.0



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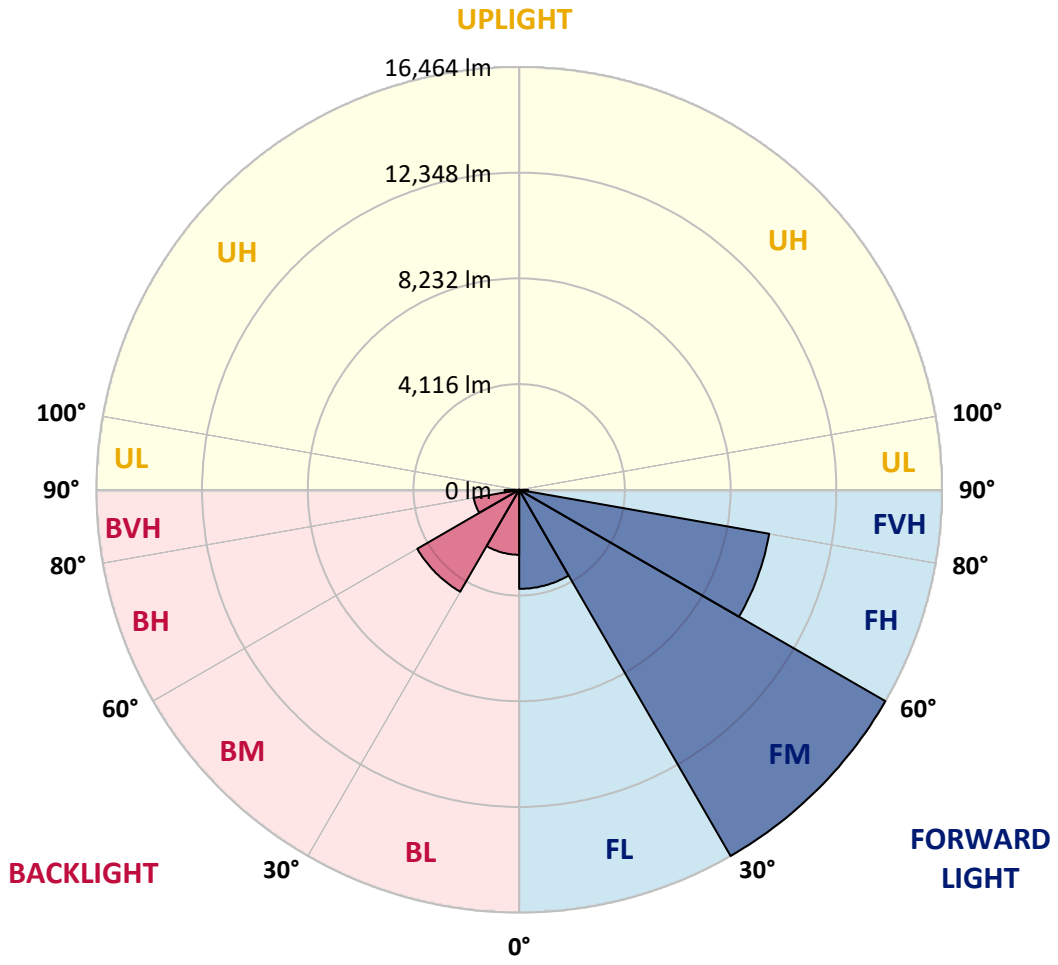
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3856.7	9.6			
FM	(30°-60°)	16464.3	41.1			
FH	(60°-80°)	9885.8	24.7			G4/12000
FVH	(80°-90°)	343.9	0.9			G3/500
BL	(0°-30°)	2528.7	6.3	B4/5000		
BM	(30°-60°)	4581.3	11.4	B3/5000		
BH	(60°-80°)	1797.5	4.5	B3/2500		G3/2500
BVH	(80°-90°)	568.7	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3
2.5°	9491.9	9465.3	9438.6	9456.4	9420.8	9412.0	9367.5	9349.7	9296.4	9287.5	9189.8
5°	9687.5	9634.1	9625.3	9643.0	9607.5	9607.5	9571.9	9545.3	9465.3	9420.8	9278.6
7.5°	9687.5	9678.6	9696.4	9758.6	9767.5	9767.5	9767.5	9776.3	9696.4	9634.1	9412.0
10°	9136.4	9047.6	9243.1	9554.2	9705.2	9794.1	9954.1	10051.9	9989.6	9945.2	9643.0
12.5°	7492.2	7501.1	7812.2	8478.8	9083.1	9340.9	10007.4	10362.9	10389.6	10318.5	9936.3
15°	6354.6	6399.1	6559.0	7039.0	7732.2	8114.4	9696.4	10638.4	10851.7	10780.6	10291.8
17.5°	6008.0	6034.7	6105.8	6381.3	6772.3	7083.4	8852.0	10816.2	11411.7	11322.8	10691.8
20°	5954.7	5972.5	6061.3	6292.4	6559.0	6736.8	7989.9	10674.0	11936.0	11900.5	11056.2
22.5°	5963.6	5981.3	6096.9	6416.8	6692.4	6843.4	7714.4	10345.1	12487.1	12522.6	11429.4
25°	5981.3	5990.2	6168.0	6594.6	6941.2	7127.8	7892.2	10051.9	12949.2	13251.4	11838.3
27.5°	6079.1	6105.8	6345.7	6825.7	7234.5	7447.8	8309.9	10149.6	13455.8	14077.9	12327.1
30°	6345.7	6363.5	6656.8	7154.5	7598.9	7821.1	8807.6	10540.7	14077.9	14931.1	12807.0
32.5°	6763.5	6781.2	7119.0	7634.4	8114.4	8381.0	9456.4	11287.2	14771.2	15828.8	13286.9
35°	7341.1	7350.0	7732.2	8283.2	8789.8	9092.0	10211.8	12131.6	15491.1	16593.1	13642.4
37.5°	8025.5	8087.7	8478.8	9056.4	9651.9	9927.4	11100.6	13118.1	16131.0	17241.9	13846.9
40°	8967.6	8985.3	9367.5	9927.4	10558.5	10825.1	11989.4	14051.3	16833.1	17624.1	14033.5
42.5°	9936.3	10087.4	10407.4	11029.5	11500.5	11713.8	13002.5	14904.5	17393.0	17641.9	13953.5
45°	11233.9	11349.4	11669.4	12220.4	12691.5	12940.3	14095.7	15686.6	17677.4	17490.8	13775.8
47.5°	12718.1	12789.2	13047.0	13544.7	14069.0	14246.8	15233.3	16131.0	17784.1	17384.1	13695.8
50°	14469.0	14469.0	14655.6	15082.2	15562.2	15811.0	16282.1	16397.6	18095.1	17197.5	13900.2
52.5°	15944.3	16015.4	16264.3	16868.6	17348.6	17633.0	17099.7	16806.4	17464.1	16157.6	13962.4
55°	17357.5	17437.4	17997.4	18752.8	19570.5	19881.5	18121.8	16602.0	15340.0	14637.9	13535.8
57.5°	18708.4	18877.2	19579.3	21054.7	22290.1	22263.4	19419.4	14771.2	12522.6	12958.1	12602.6
60°	20592.5	20770.3	21890.1	23747.6	25258.5	24627.5	19437.1	12291.5	9758.6	10345.1	10851.7
62.5°	22165.6	22467.8	24112.0	27204.9	28591.4	27604.8	17828.5	9412.0	6479.0	7216.7	8389.9
65°	22023.4	22423.4	24974.1	29746.7	31817.6	30902.1	15473.3	5954.7	3341.7	4932.6	5874.7
67°	20085.9	20521.4	23827.6	29835.6	32972.9	31017.7	13064.7	3599.5	2124.1	3421.7	4079.4
67.5°	18975.0	19614.9	23258.8	29666.8	32759.6	30528.9	11980.5	3012.9	1999.7	3181.8	3715.0
70°	11669.4	12700.4	17455.2	26227.3	29364.6	25551.8	6656.8	1706.4	1626.4	2133.0	2568.5
72.5°	3510.6	3821.7	6736.8	16824.2	21552.4	18939.4	2995.1	1315.4	1457.6	1715.3	1981.9
75°	1706.4	1822.0	2781.8	6879.0	10496.2	10442.9	1670.9	1128.7	1350.9	1439.8	1564.2
77.5°	1093.2	1164.3	1733.1	3848.3	4808.2	4283.8	1208.7	986.5	1199.8	1182.0	1164.3
80°	684.3	719.9	1110.9	2230.8	3546.1	2959.6	888.8	808.8	1031.0	915.4	826.5
82.5°	444.4	488.8	711.0	1359.8	2533.0	2204.1	586.6	577.7	853.2	728.8	639.9
85°	293.3	328.8	453.3	799.9	1502.0	1573.1	382.2	399.9	657.7	551.0	488.8
87.5°	106.7	133.3	231.1	355.5	702.1	871.0	160.0	151.1	320.0	257.7	204.4
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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Scaled Data Report

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CATALOG NUMBER: GLAN-SB8B-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3	9145.3
2.5°	9172.0	9145.3	9020.9	8914.2	8834.3	8727.6	8612.1	8478.8	8389.9	8407.7	8381.0
5°	9216.4	9145.3	8905.4	8541.0	8185.5	7741.1	7172.3	6834.6	6576.8	6443.5	6479.0
7.5°	9314.2	9189.8	8683.2	7945.5	7021.2	6114.7	5554.7	5234.8	5083.7	5021.5	5012.6
10°	9483.1	9269.8	8398.8	7021.2	5812.5	5199.2	4994.8	4905.9	4888.2	4888.2	4879.3
12.5°	9687.5	9349.7	7918.8	6123.5	5234.8	5012.6	4977.0	4985.9	5012.6	5039.3	4994.8
15°	9936.3	9385.3	7323.4	5581.4	5119.2	5065.9	5119.2	5181.5	5225.9	5261.5	5217.0
17.5°	10185.2	9349.7	6763.5	5323.7	5137.0	5208.1	5314.8	5412.5	5439.2	5492.5	5457.0
20°	10362.9	9225.3	6283.5	5225.9	5181.5	5341.4	5474.8	5581.4	5634.7	5670.3	5634.7
22.5°	10496.2	9065.3	5936.9	5128.1	5181.5	5377.0	5537.0	5661.4	5723.6	5759.2	5714.7
25°	10611.8	8843.1	5670.3	4985.9	5074.8	5261.5	5439.2	5563.6	5652.5	5705.8	5679.2
27.5°	10754.0	8665.4	5421.4	4772.6	4852.6	5030.4	5217.0	5368.1	5537.0	5625.8	5608.1
30°	10914.0	8576.5	5181.5	4541.6	4594.9	4772.6	4994.8	5199.2	5430.3	5545.9	5545.9
32.5°	11100.6	8514.3	4959.3	4319.4	4363.8	4559.3	4772.6	4959.3	5208.1	5394.8	5385.9
35°	11180.6	8443.2	4781.5	4115.0	4203.8	4363.8	4532.7	4657.1	4914.8	5137.0	5154.8
37.5°	11260.6	8416.5	4692.6	3955.0	4026.1	4150.5	4239.4	4301.6	4541.6	4772.6	4781.5
40°	11358.3	8541.0	4754.9	3848.3	3786.1	3910.5	3955.0	3990.5	4115.0	4266.0	4266.0
42.5°	11296.1	8629.8	4897.1	3750.6	3492.8	3635.0	3652.8	3643.9	3652.8	3661.7	3652.8
45°	11136.1	8541.0	4897.1	3599.5	3181.8	3332.8	3324.0	3279.5	3208.4	3021.8	2995.1
47.5°	11100.6	8487.6	4710.4	3350.6	2870.7	2995.1	3012.9	2924.0	2719.6	2524.1	2461.9
50°	11251.7	8585.4	4417.1	3048.4	2604.1	2710.7	2755.2	2604.1	2373.0	2168.6	2133.0
52.5°	11473.9	8709.8	3990.5	2719.6	2381.9	2488.5	2541.8	2373.0	2133.0	1973.0	1955.3
55°	11447.2	8709.8	3510.6	2417.4	2213.0	2293.0	2381.9	2204.1	2017.5	1928.6	1919.7
57.5°	10869.5	8381.0	3155.1	2204.1	2053.0	2124.1	2239.7	2070.8	1893.1	1910.8	1937.5
60°	9740.8	7527.8	2888.5	2061.9	1910.8	1981.9	2106.4	1910.8	1679.8	1617.5	1617.5
62.5°	8025.5	6203.5	2675.2	1919.7	1777.5	1866.4	1928.6	1670.9	1519.8	1448.7	1448.7
65°	6016.9	4799.3	2453.0	1804.2	1662.0	1759.7	1688.6	1564.2	1413.1	1359.8	1368.7
67°	*4461.6*	*3723.9*	*2266.3*	*1706.4*	*1590.9*	*1635.3*	*1582.0*	*1493.1*	*1342.0*	*1297.6*	*1342.0*
67.5°	4008.3	3537.3	2221.9	1679.8	1573.1	1608.7	1555.3	1484.2	1324.3	1279.8	1324.3
70°	2755.2	2719.6	1981.9	1555.3	1475.3	1439.8	1466.5	1377.6	1244.3	1226.5	1270.9
72.5°	2097.5	2168.6	1777.5	1448.7	1368.7	1324.3	1386.5	1297.6	1164.3	1190.9	1235.4
75°	1644.2	1750.9	1590.9	1297.6	1244.3	1253.1	1377.6	1342.0	1235.4	1262.0	1270.9
77.5°	1217.6	1413.1	1359.8	1128.7	1084.3	1208.7	1555.3	1662.0	1475.3	1430.9	1368.7
80°	888.8	1013.2	1146.5	933.2	906.5	1164.3	1919.7	2124.1	1822.0	1644.2	1599.8
82.5°	657.7	711.0	942.1	746.6	657.7	1039.8	2133.0	2497.4	2168.6	1830.8	1777.5
85°	471.0	551.0	746.6	551.0	435.5	853.2	2088.6	2444.1	2150.8	1733.1	1688.6
87.5°	168.9	240.0	320.0	248.9	222.2	586.6	1724.2	1759.7	1342.0	613.2	622.1
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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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

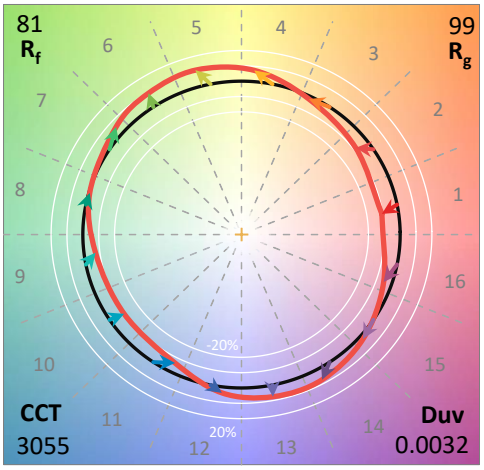
Test Information

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

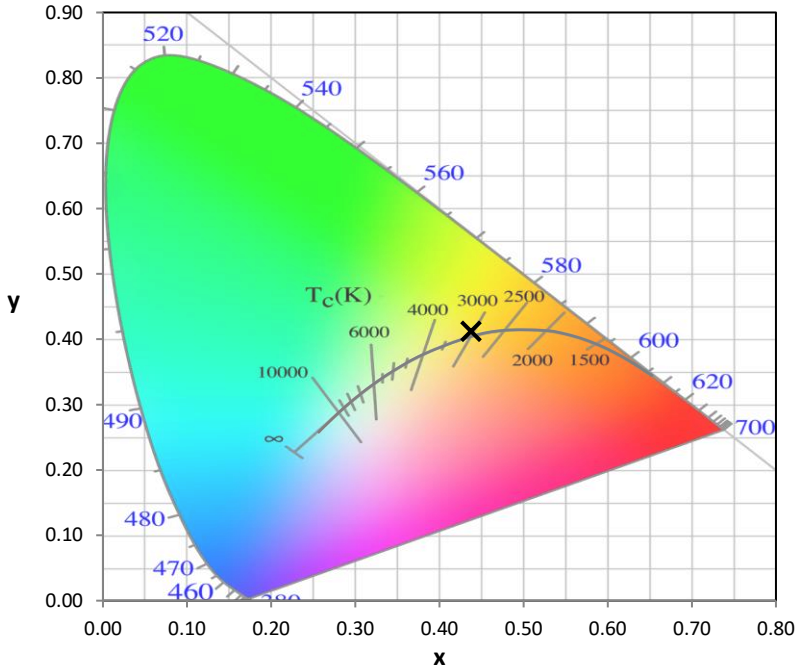
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

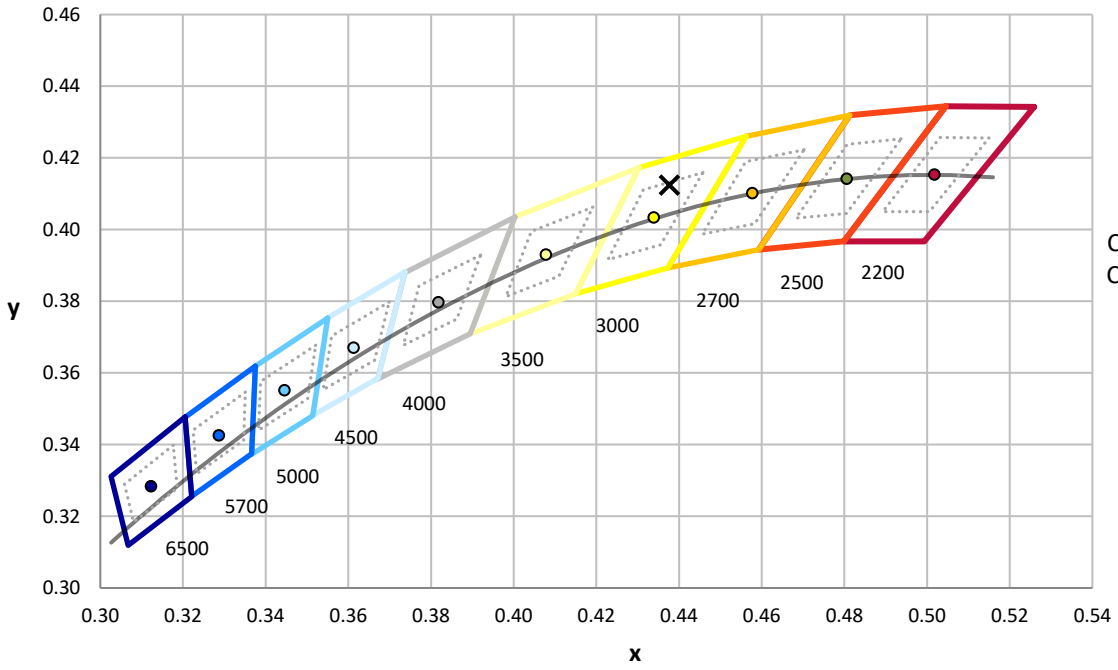
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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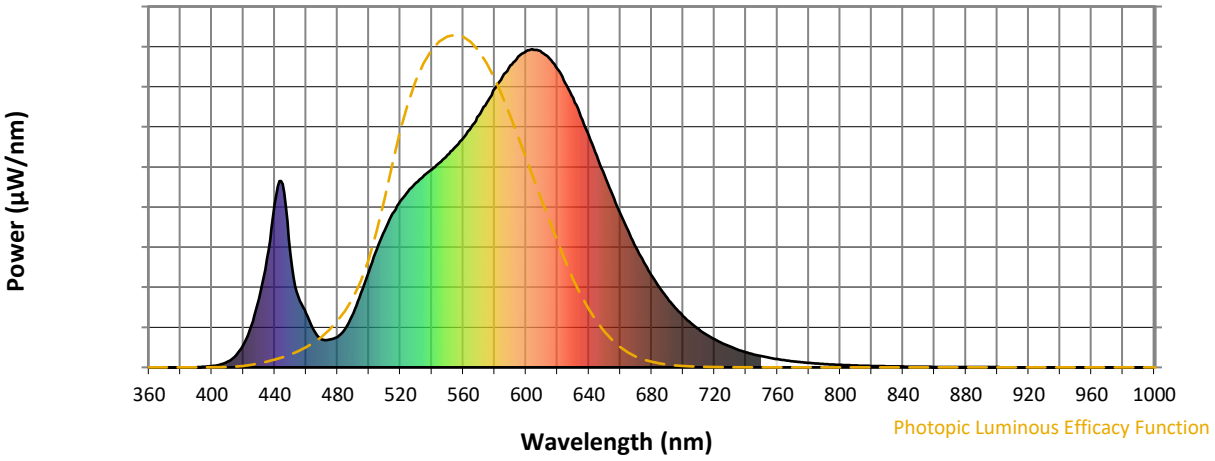
Photopic Flux vs. Wavelength



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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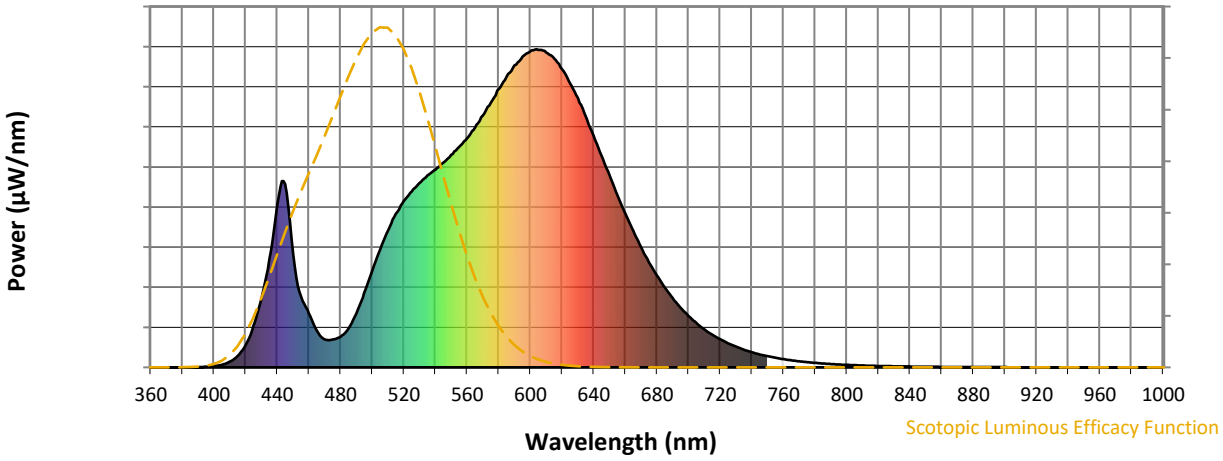
Scotopic Flux vs. Wavelength



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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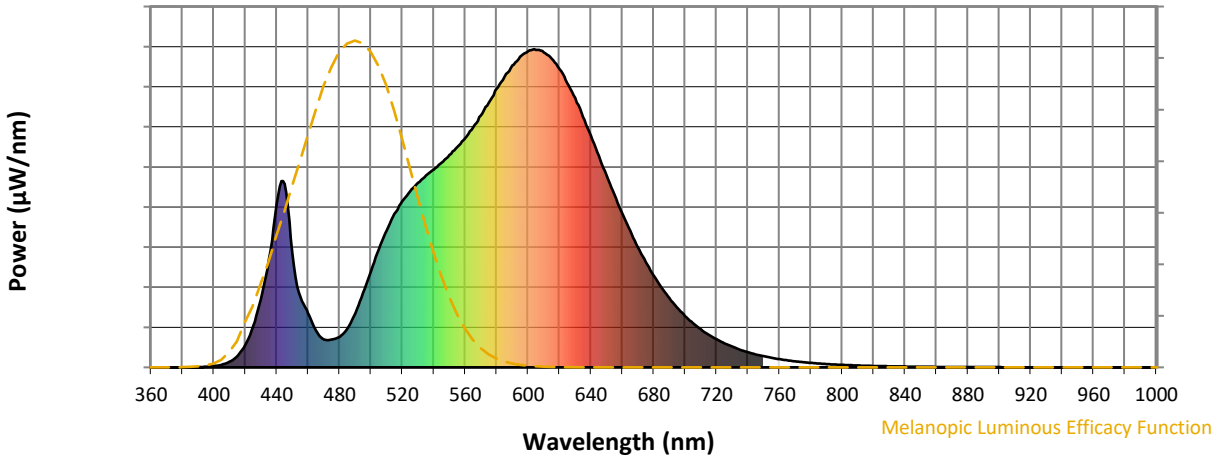
Melanopic Flux vs. Wavelength



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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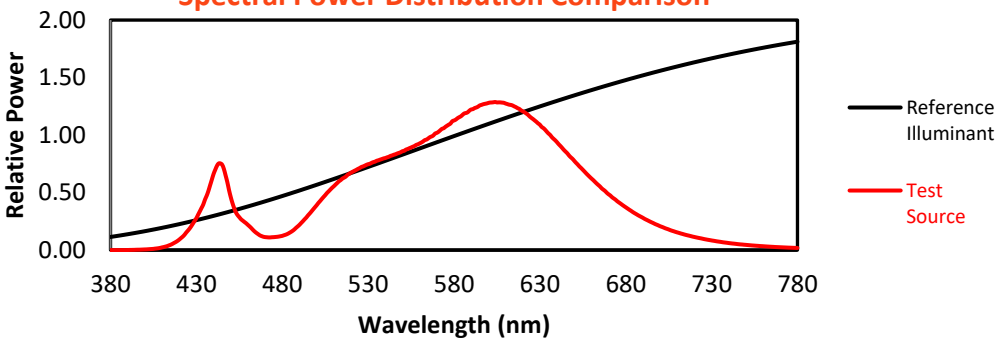
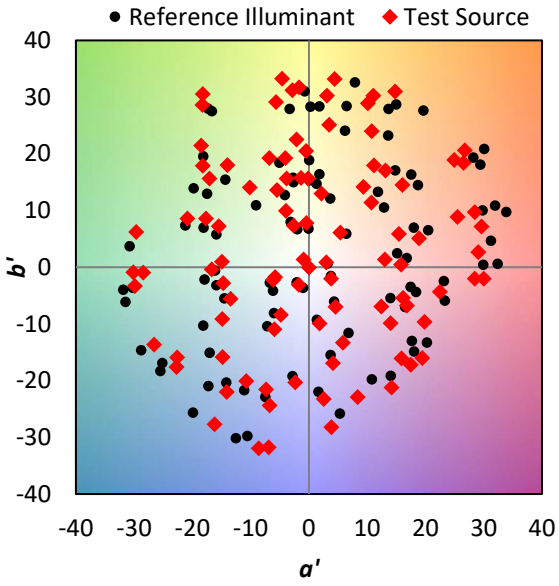
Summary

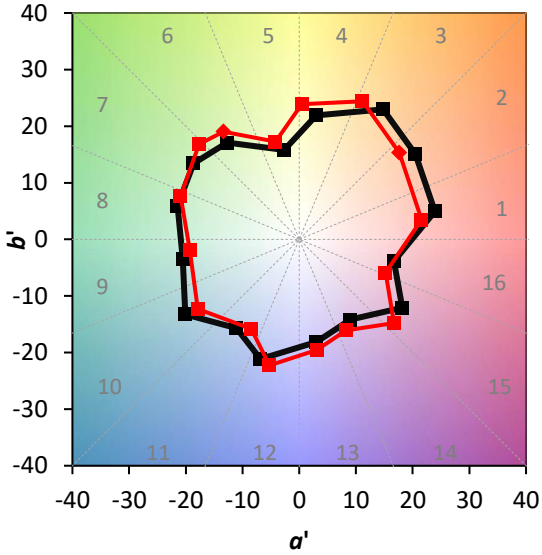
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

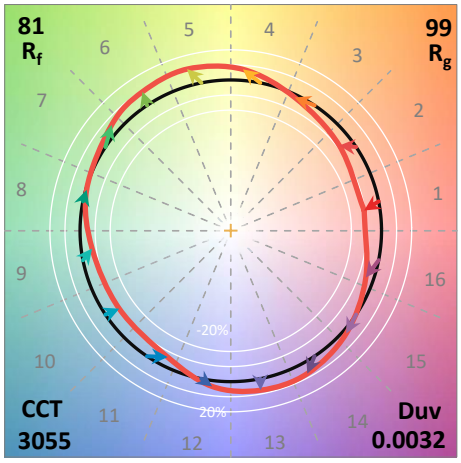
Spectral Power Distribution Comparison

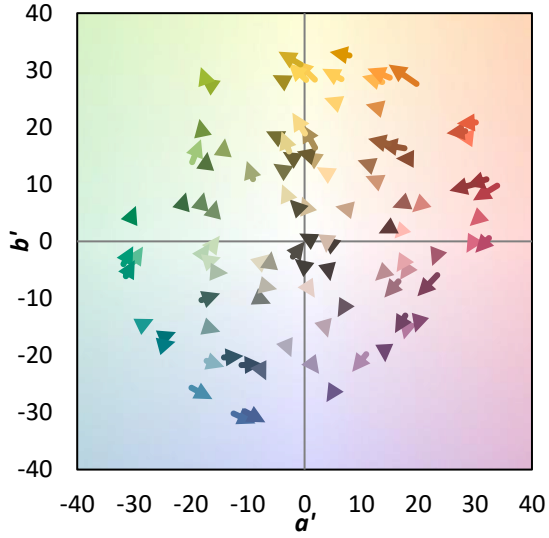


Color Vector Graphics









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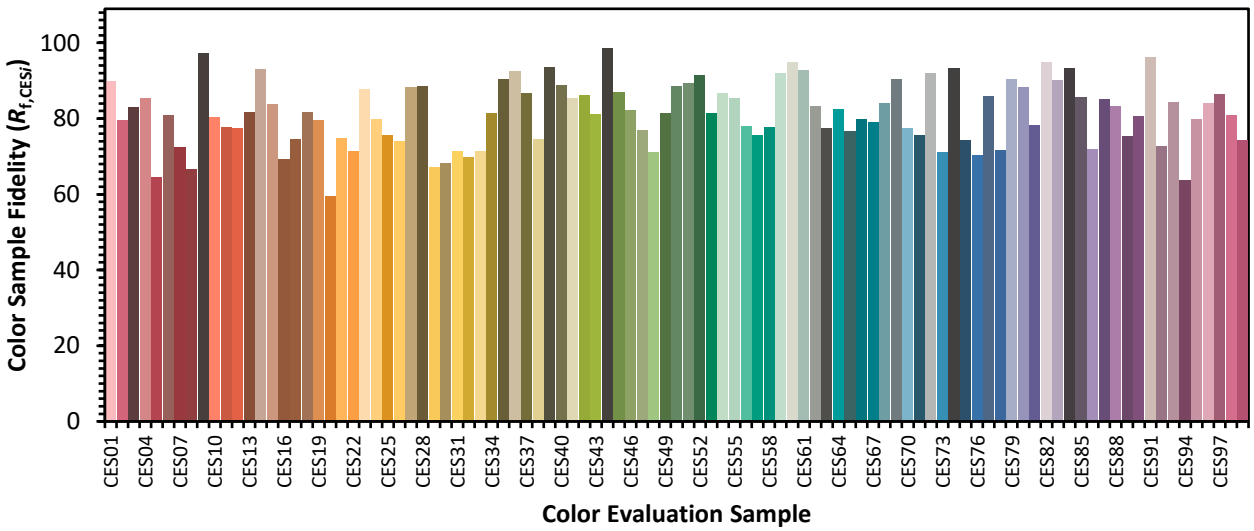
Individual Sample Fidelity Index ($R_{f,i}$)

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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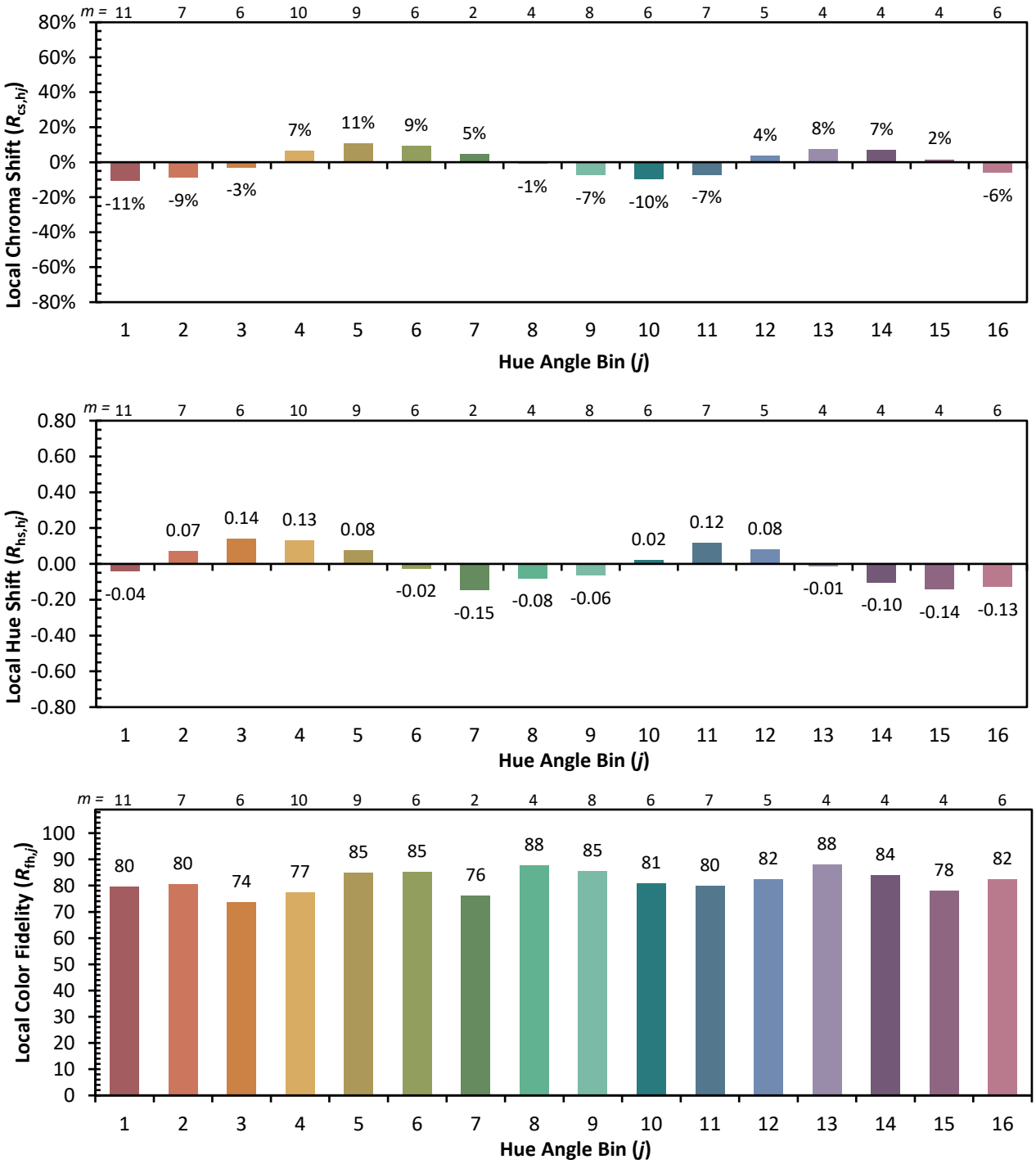
Color Rendition by Hue-Angle Bin



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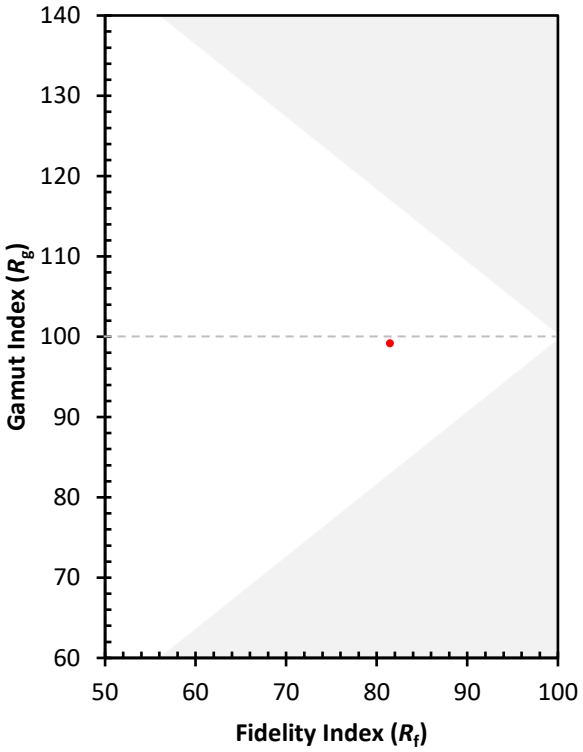
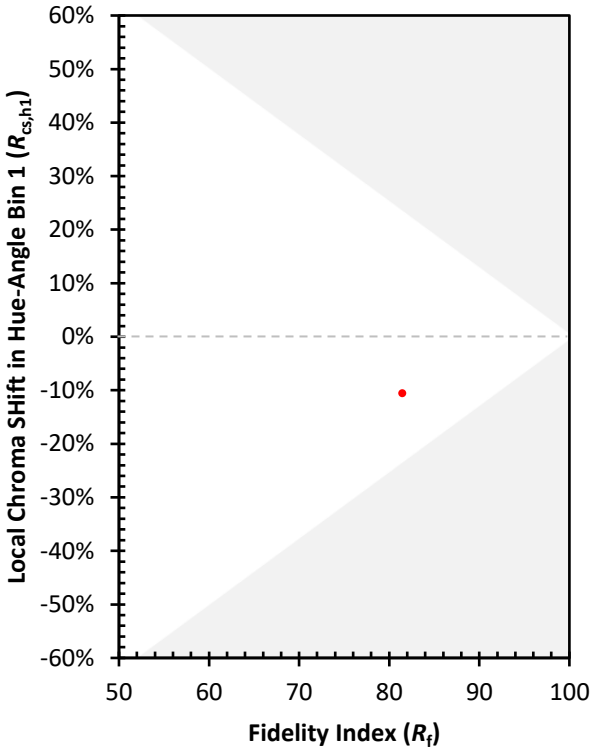
Measure Comparisons





(END OF REPORT)