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: P1457210

Luminaire Tested: GLAN-SB4D-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:	P1457210
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-830-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35850.6 lumens
Efficiency:	N/A
Efficacy:	122.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - 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: P1457210
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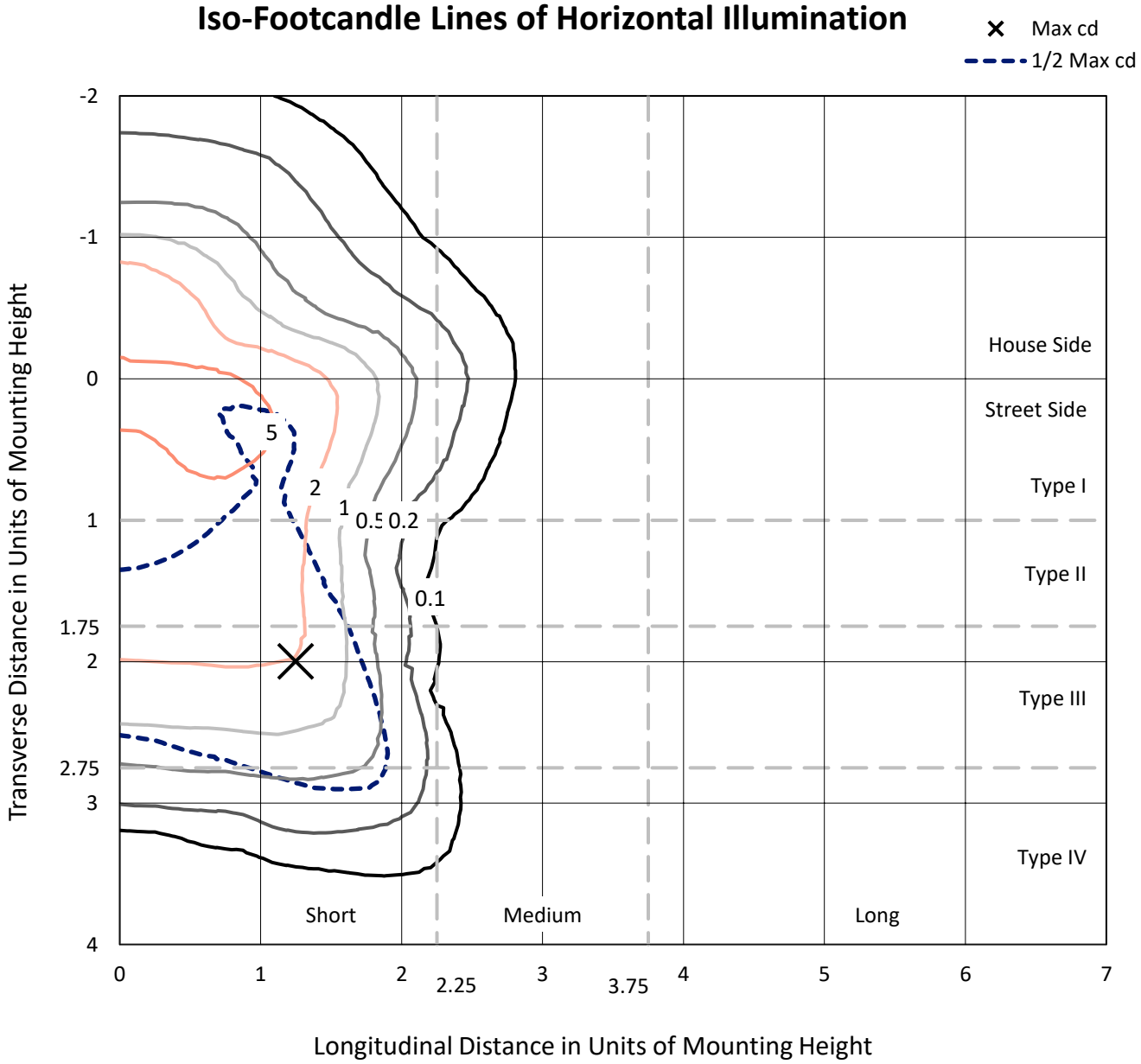
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.8 fc
Type IV - Short - N/A

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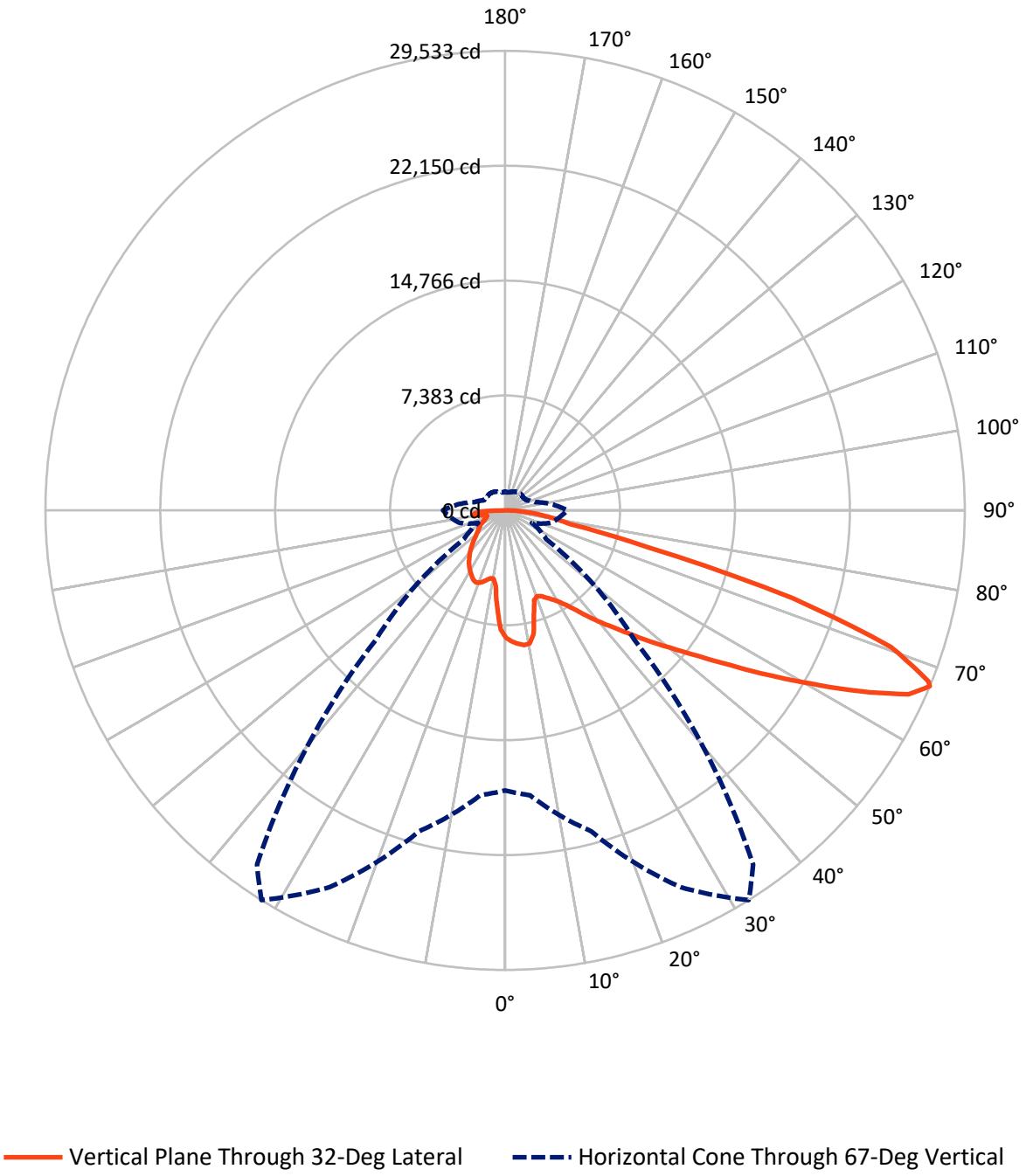
Luminous Intensity Polar Plot



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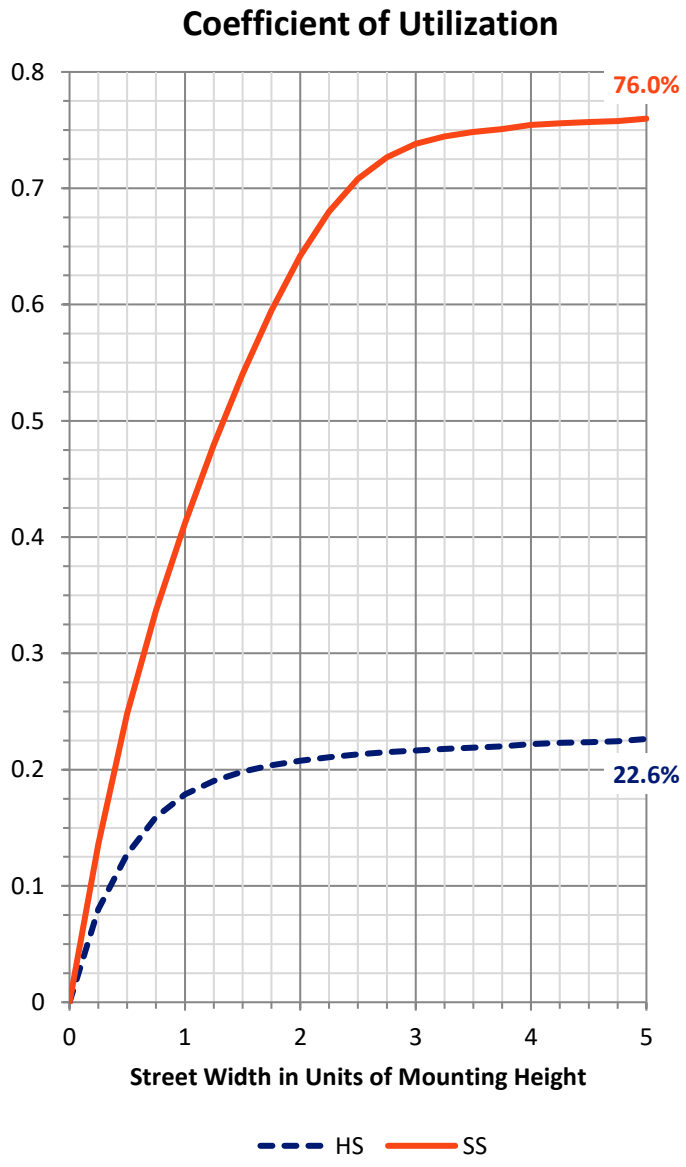
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8487.5	0.0	8487.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	27363.1	0.0	27363.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	35850.6	0.0	35850.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	715.7	2.0
10°-20°	1900.2	5.3
20°-30°	3103.2	8.7
30°-40°	4573.8	12.8
40°-50°	6307.6	17.6
50°-60°	7968.4	22.2
60°-70°	7712.0	21.5
70°-80°	2752.3	7.7
80°-90°	817.3	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°	35850.6	100.0
0°-180°	35850.6	100.0



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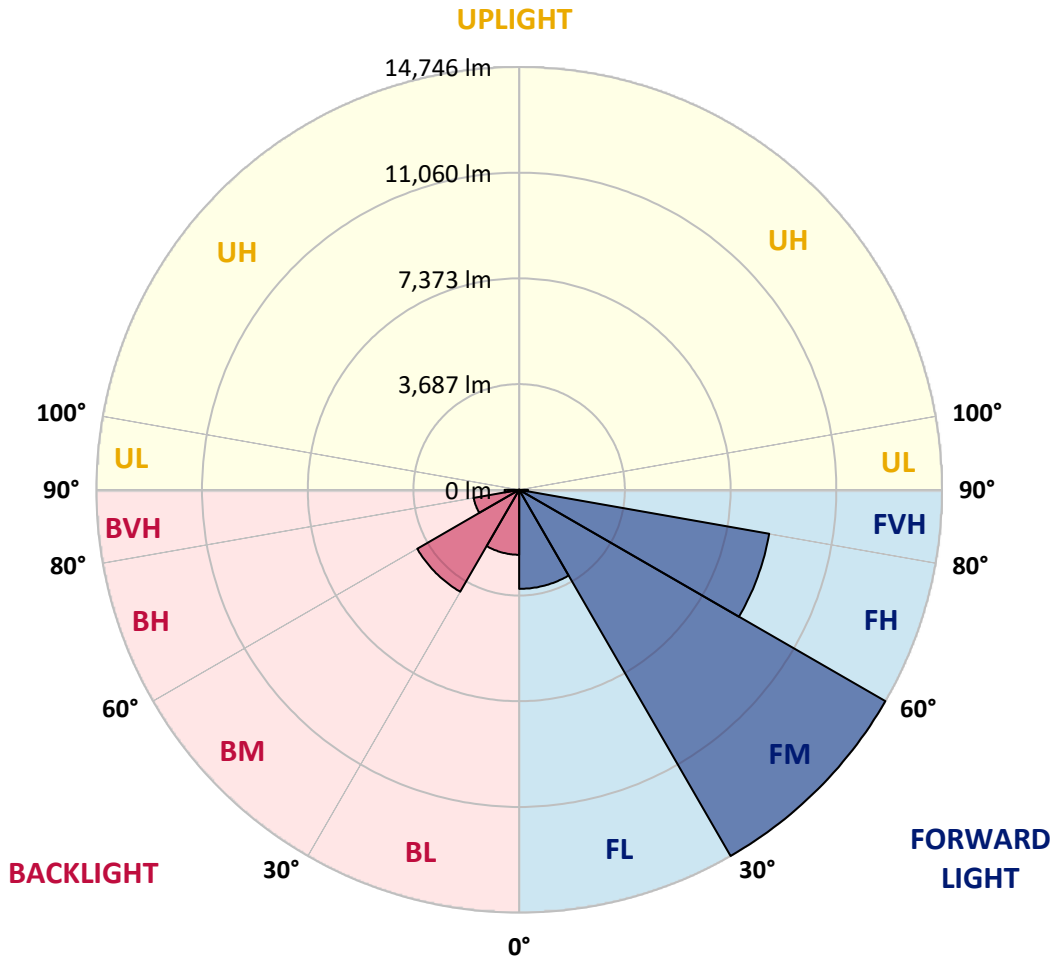
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3454.3	9.6			
FM	(30°-60°)	14746.5	41.1			
FH	(60°-80°)	8854.4	24.7			G4/12000
FVH	(80°-90°)	308.0	0.9			G3/500
BL	(0°-30°)	2264.9	6.3	B3/2500		
BM	(30°-60°)	4103.3	11.4	B3/5000		
BH	(60°-80°)	1609.9	4.5	B3/2500		G3/2500
BVH	(80°-90°)	509.3	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2
2.5°	8501.6	8477.7	8453.8	8469.8	8437.9	8430.0	8390.2	8374.2	8326.5	8318.5	8231.0
5°	8676.7	8629.0	8621.0	8636.9	8605.1	8605.1	8573.2	8549.4	8477.7	8437.9	8310.6
7.5°	8676.7	8668.8	8684.7	8740.4	8748.4	8748.4	8748.4	8756.3	8684.7	8629.0	8430.0
10°	8183.2	8103.6	8278.7	8557.3	8692.7	8772.3	8915.5	9003.1	8947.4	8907.6	8636.9
12.5°	6710.5	6718.5	6997.1	7594.1	8135.4	8366.3	8963.3	9281.7	9305.6	9241.9	8899.6
15°	5691.6	5731.4	5874.7	6304.6	6925.5	7267.8	8684.7	9528.5	9719.5	9655.9	9218.0
17.5°	5381.2	5405.0	5468.7	5715.5	6065.8	6344.4	7928.5	9687.7	10221.0	10141.4	9576.2
20°	5333.4	5349.3	5428.9	5635.9	5874.7	6033.9	7156.3	9560.3	10690.7	10658.8	9902.6
22.5°	5341.4	5357.3	5460.8	5747.3	5994.1	6129.4	6909.5	9265.8	11184.2	11216.1	10237.0
25°	5357.3	5365.2	5524.5	5906.5	6217.0	6384.2	7068.8	9003.1	11598.2	11868.8	10603.1
27.5°	5444.8	5468.7	5683.7	6113.5	6479.7	6670.7	7442.9	9090.7	12051.9	12609.1	11040.9
30°	5683.7	5699.6	5962.3	6408.0	6806.1	7005.1	7888.7	9440.9	12609.1	13373.3	11470.8
32.5°	6057.8	6073.7	6376.2	6837.9	7267.8	7506.6	8469.8	10109.6	13230.0	14177.3	11900.7
35°	6575.2	6583.2	6925.5	7419.0	7872.7	8143.4	9146.4	10865.8	13874.8	14861.9	12219.1
37.5°	7188.2	7243.9	7594.1	8111.6	8644.9	8891.7	9942.4	11749.4	14448.0	15443.0	12402.2
40°	8031.9	8047.9	8390.2	8891.7	9456.8	9695.7	10738.5	12585.2	15076.8	15785.3	12569.3
42.5°	8899.6	9034.9	9321.5	9878.7	10300.6	10491.7	11645.9	13349.4	15578.3	15801.2	12497.7
45°	10061.8	10165.3	10451.9	10945.4	11367.3	11590.2	12625.0	14049.9	15833.0	15665.9	12338.5
47.5°	11391.2	11454.9	11685.7	12131.5	12601.2	12760.4	13644.0	14448.0	15928.6	15570.4	12266.8
50°	12959.4	12959.4	13126.5	13508.6	13938.5	14161.4	14583.3	14686.8	16207.2	15403.2	12449.9
52.5°	14280.8	14344.5	14567.4	15108.7	15538.5	15793.2	15315.6	15052.9	15642.0	14471.8	12505.6
55°	15546.5	15618.1	16119.6	16796.2	17528.6	17807.2	16231.1	14869.8	13739.5	13110.6	12123.5
57.5°	16756.4	16907.7	17536.6	18858.0	19964.4	19940.6	17393.3	13230.0	11216.1	11606.1	11287.7
60°	18444.0	18603.2	19606.2	21269.9	22623.2	22058.0	17409.2	11009.1	8740.4	9265.8	9719.5
62.5°	19853.0	20123.7	21596.3	24366.5	25608.3	24724.7	15968.4	8430.0	5803.1	6463.8	7514.5
65°	19725.6	20083.8	22368.5	26643.1	28497.9	27678.0	13858.9	5333.4	2993.1	4418.0	5261.8
67°	17990.3	18380.3	21341.6	26722.7	29532.7	27781.5	11701.6	3223.9	1902.5	3064.7	3653.8
67.5°	16995.3	17568.4	20832.1	26571.5	29341.7	27343.6	10730.5	2698.5	1791.1	2849.8	3327.4
70°	10451.9	11375.3	15634.0	23490.9	26300.8	22885.9	5962.3	1528.4	1456.7	1910.5	2300.5
72.5°	3144.3	3422.9	6033.9	15068.9	19303.7	16963.4	2682.6	1178.1	1305.5	1536.3	1775.1
75°	1528.4	1631.9	2491.6	6161.3	9401.1	9353.4	1496.5	1011.0	1210.0	1289.6	1401.0
77.5°	979.1	1042.8	1552.3	3446.8	4306.5	3836.9	1082.6	883.6	1074.6	1058.7	1042.8
80°	612.9	644.8	995.0	1998.0	3176.2	2650.8	796.0	724.4	923.4	819.9	740.3
82.5°	398.0	437.8	636.8	1217.9	2268.7	1974.2	525.4	517.4	764.2	652.7	573.1
85°	262.7	294.5	406.0	716.4	1345.3	1409.0	342.3	358.2	589.1	493.5	437.8
87.5°	95.5	119.4	207.0	318.4	628.9	780.1	143.3	135.3	286.6	230.8	183.1
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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Scaled Data Report

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CATALOG NUMBER: GLAN-SB4D-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2	8191.2
2.5°	8215.0	8191.2	8079.7	7984.2	7912.5	7817.0	7713.5	7594.1	7514.5	7530.4	7506.6
5°	8254.8	8191.2	7976.2	7649.9	7331.4	6933.4	6424.0	6121.5	5890.6	5771.2	5803.1
7.5°	8342.4	8231.0	7777.2	7116.5	6288.6	5476.7	4975.2	4688.6	4553.3	4497.6	4489.6
10°	8493.6	8302.6	7522.5	6288.6	5206.0	4656.8	4473.7	4394.1	4378.2	4378.2	4370.2
12.5°	8676.7	8374.2	7092.6	5484.7	4688.6	4489.6	4457.8	4465.7	4489.6	4513.5	4473.7
15°	8899.6	8406.1	6559.3	4999.1	4585.1	4537.4	4585.1	4640.9	4680.7	4712.5	4672.7
17.5°	9122.5	8374.2	6057.8	4768.2	4601.1	4664.7	4760.3	4847.8	4871.7	4919.5	4887.6
20°	9281.7	8262.8	5627.9	4680.7	4640.9	4784.1	4903.5	4999.1	5046.8	5078.7	5046.8
22.5°	9401.1	8119.5	5317.5	4593.1	4640.9	4816.0	4959.3	5070.7	5126.4	5158.3	5118.5
25°	9504.6	7920.5	5078.7	4465.7	4545.3	4712.5	4871.7	4983.2	5062.8	5110.5	5086.6
27.5°	9632.0	7761.3	4855.8	4274.7	4346.3	4505.5	4672.7	4808.0	4959.3	5038.9	5023.0
30°	9775.3	7681.7	4640.9	4067.7	4115.5	4274.7	4473.7	4656.8	4863.7	4967.2	4967.2
32.5°	9942.4	7626.0	4441.9	3868.7	3908.5	4083.6	4274.7	4441.9	4664.7	4831.9	4823.9
35°	10014.1	7562.3	4282.6	3685.6	3765.2	3908.5	4059.8	4171.2	4402.0	4601.1	4617.0
37.5°	10085.7	7538.4	4203.0	3542.3	3606.0	3717.5	3797.1	3852.8	4067.7	4274.7	4282.6
40°	10173.3	7649.9	4258.8	3446.8	3391.1	3502.5	3542.3	3574.2	3685.6	3820.9	3820.9
42.5°	10117.5	7729.5	4386.1	3359.2	3128.4	3255.8	3271.7	3263.7	3271.7	3279.6	3271.7
45°	9974.3	7649.9	4386.1	3223.9	2849.8	2985.1	2977.2	2937.4	2873.7	2706.5	2682.6
47.5°	9942.4	7602.1	4219.0	3001.0	2571.2	2682.6	2698.5	2618.9	2435.9	2260.7	2205.0
50°	10077.7	7689.7	3956.3	2730.4	2332.4	2427.9	2467.7	2332.4	2125.4	1942.3	1910.5
52.5°	10276.8	7801.1	3574.2	2435.9	2133.4	2228.9	2276.6	2125.4	1910.5	1767.2	1751.3
55°	10252.9	7801.1	3144.3	2165.2	1982.1	2053.8	2133.4	1974.2	1807.0	1727.4	1719.4
57.5°	9735.5	7506.6	2825.9	1974.2	1838.8	1902.5	2006.0	1854.8	1695.5	1711.5	1735.3
60°	8724.5	6742.4	2587.1	1846.8	1711.5	1775.1	1886.6	1711.5	1504.5	1448.8	1448.8
62.5°	7188.2	5556.3	2396.1	1719.4	1592.1	1671.7	1727.4	1496.5	1361.2	1297.5	1297.5
65°	5389.1	4298.6	2197.0	1615.9	1488.6	1576.1	1512.5	1401.0	1265.7	1217.9	1225.9
67°	*3996.1*	*3335.4*	*2029.9*	*1528.4*	*1424.9*	*1464.7*	*1416.9*	*1337.3*	*1202.0*	*1162.2*	*1202.0*
67.5°	3590.1	3168.2	1990.1	1504.5	1409.0	1440.8	1393.1	1329.4	1186.1	1146.3	1186.1
70°	2467.7	2435.9	1775.1	1393.1	1321.4	1289.6	1313.5	1233.8	1114.4	1098.5	1138.3
72.5°	1878.6	1942.3	1592.1	1297.5	1225.9	1186.1	1241.8	1162.2	1042.8	1066.7	1106.5
75°	1472.7	1568.2	1424.9	1162.2	1114.4	1122.4	1233.8	1202.0	1106.5	1130.4	1138.3
77.5°	1090.6	1265.7	1217.9	1011.0	971.2	1082.6	1393.1	1488.6	1321.4	1281.6	1225.9
80°	796.0	907.5	1026.9	835.8	812.0	1042.8	1719.4	1902.5	1631.9	1472.7	1432.9
82.5°	589.1	636.8	843.8	668.7	589.1	931.4	1910.5	2236.8	1942.3	1639.8	1592.1
85°	421.9	493.5	668.7	493.5	390.1	764.2	1870.7	2189.1	1926.4	1552.3	1512.5
87.5°	151.2	214.9	286.6	222.9	199.0	525.4	1544.3	1576.1	1202.0	549.3	557.2
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

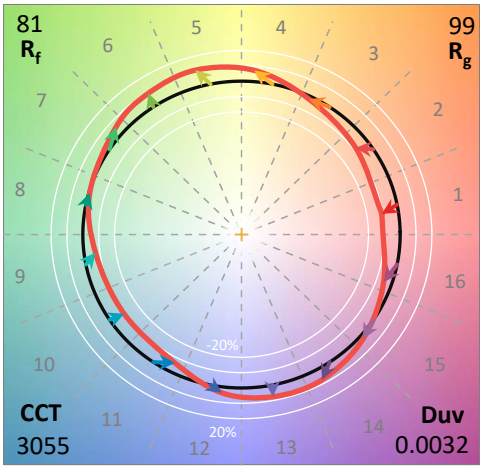
Test Information

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

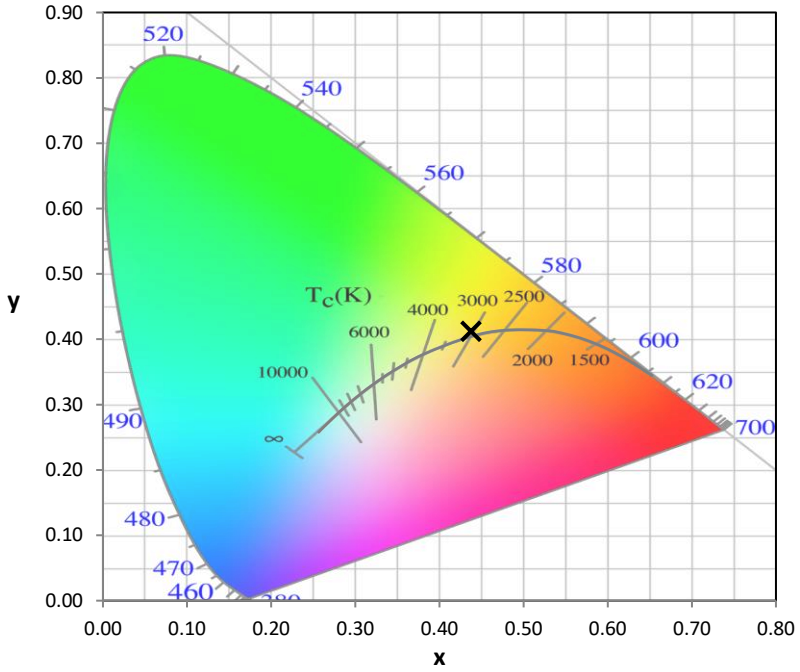
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

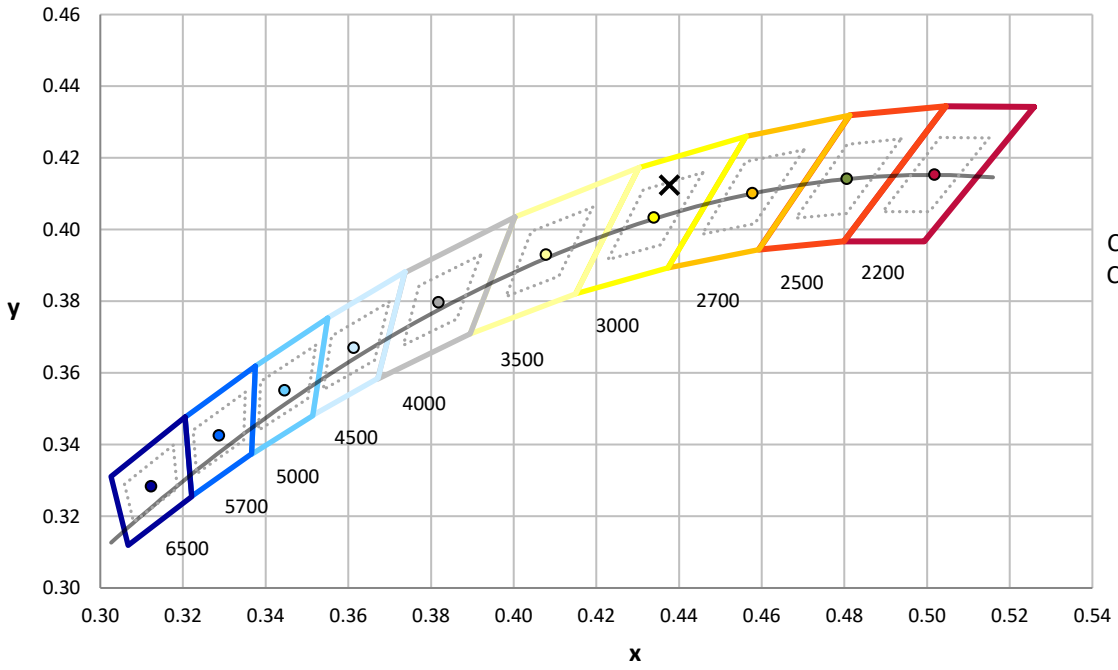
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

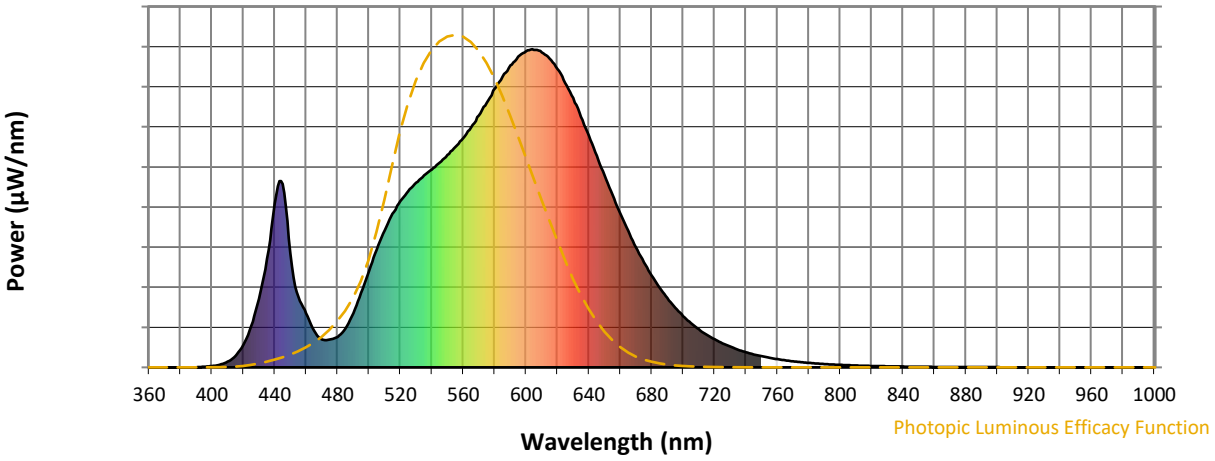


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

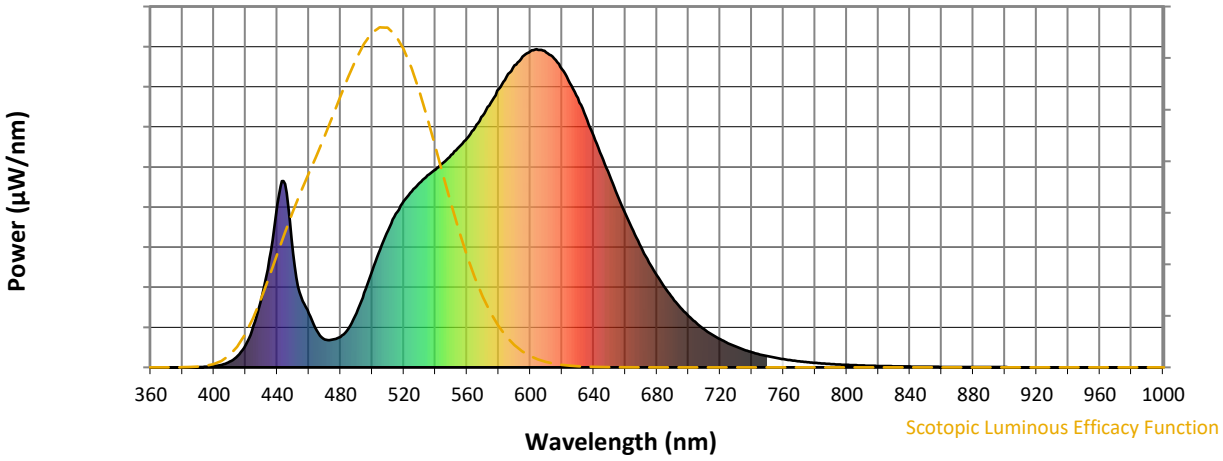


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

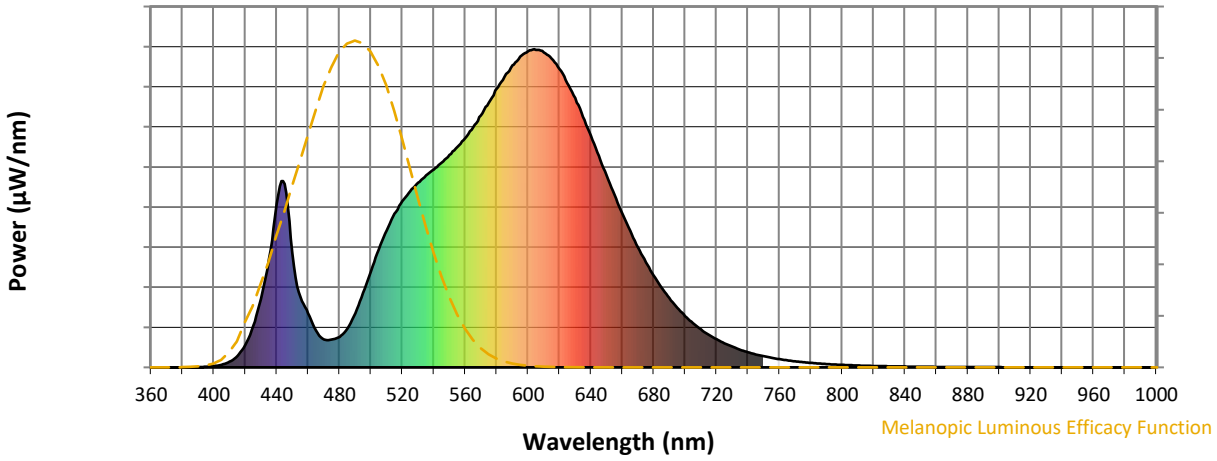


Scotopic Lumens: NR **S/P: 1.28**

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			

REPORT NUMBER: SP1-2407-184-9

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			

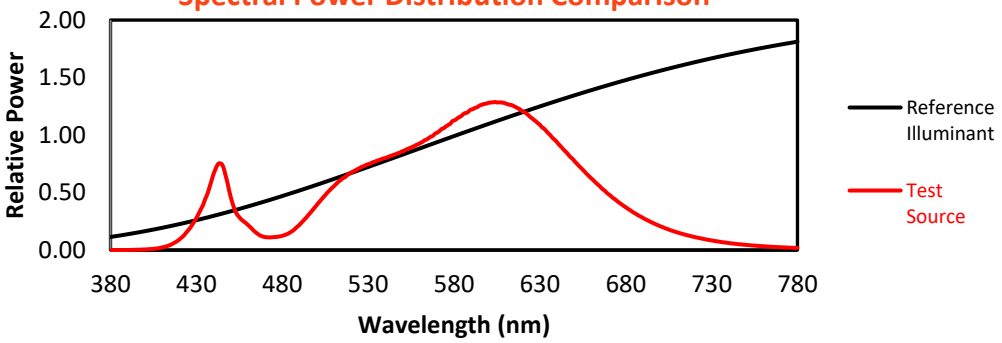
REPORT NUMBER: SP1-2407-184-9

TM-30-18

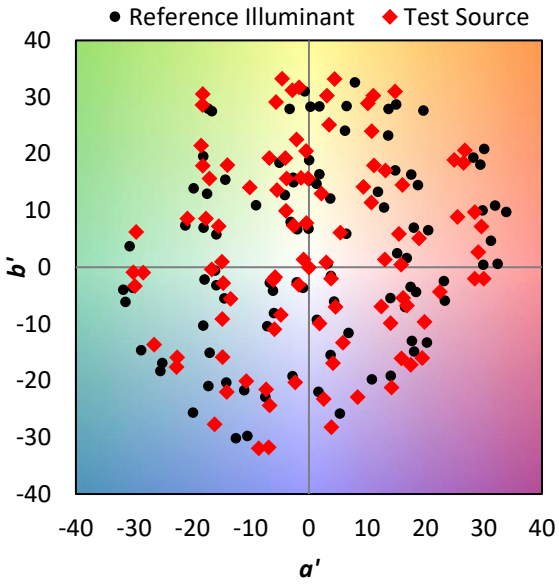
Summary

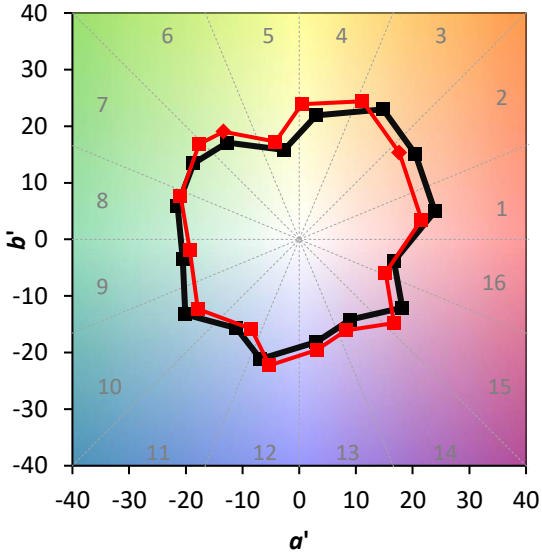
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

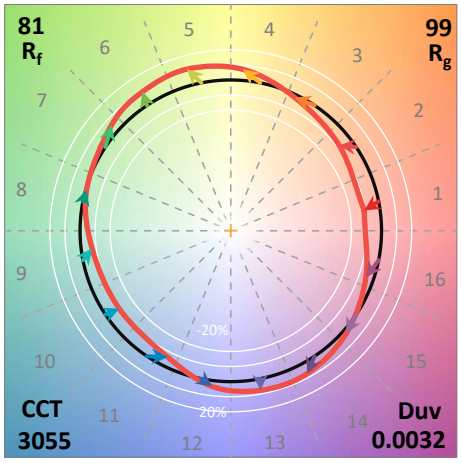
Spectral Power Distribution Comparison

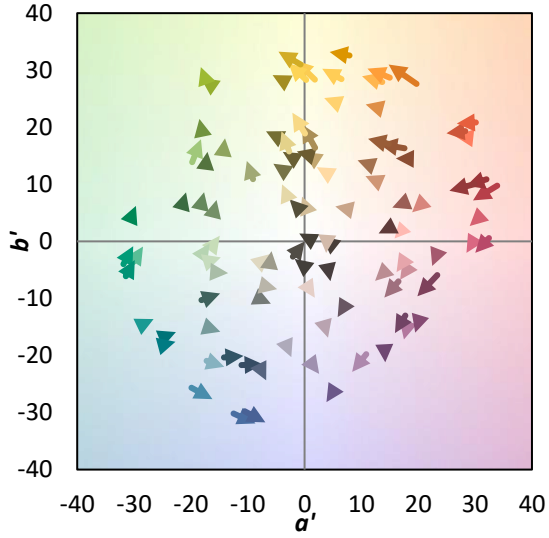


Color Vector Graphics







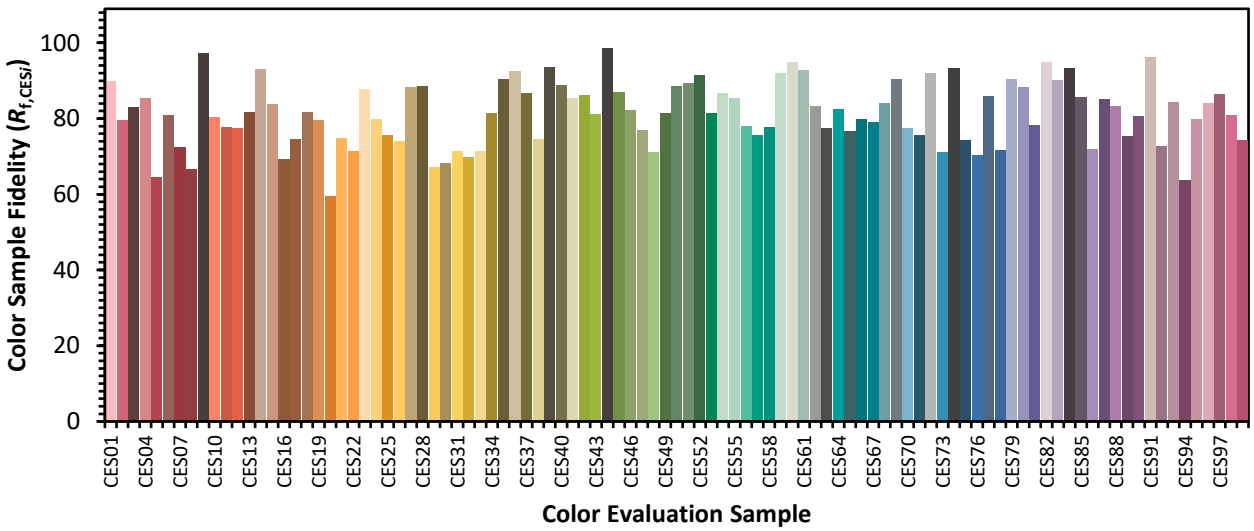


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

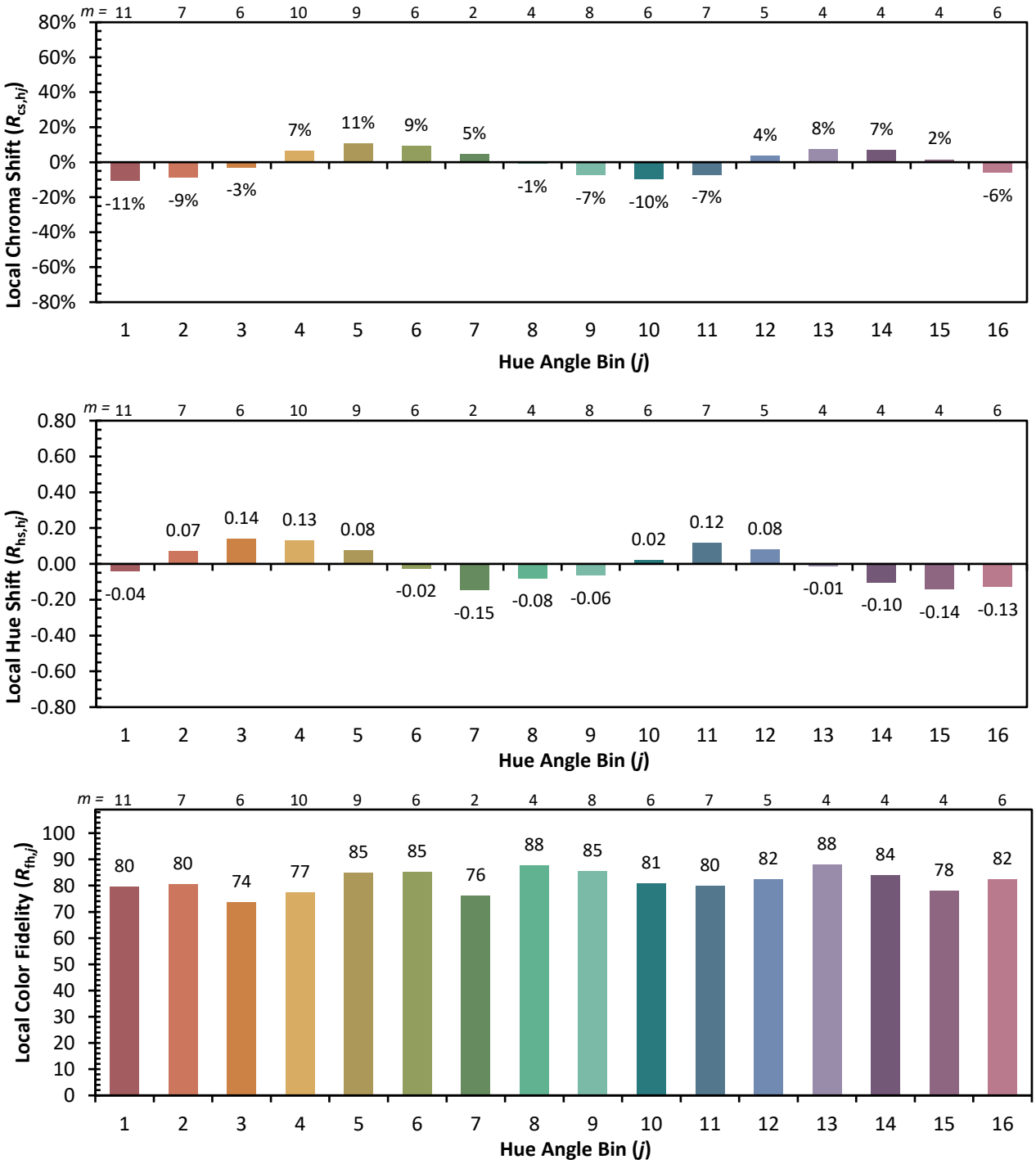
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	



REPORT NUMBER: SP1-2407-184-9

TM-30-18

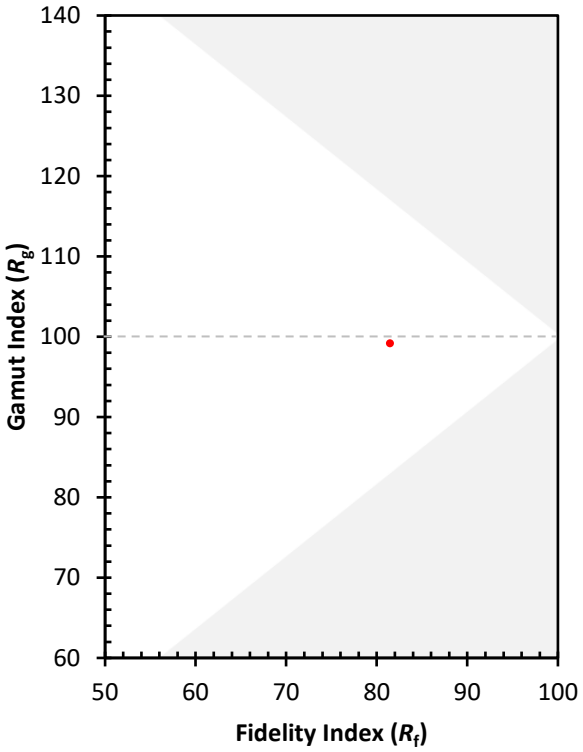
Color Rendition by Hue-Angle Bin

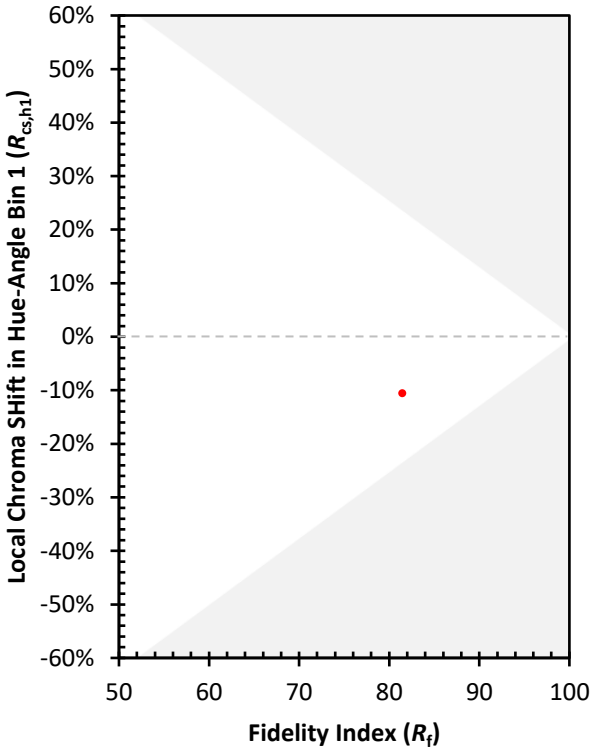


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)