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: P1458359

Luminaire Tested: GLAN-SB4A-830-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:	P1458359
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12342.2 lumens
Efficiency:	N/A
Efficacy:	108.3 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: P1458359
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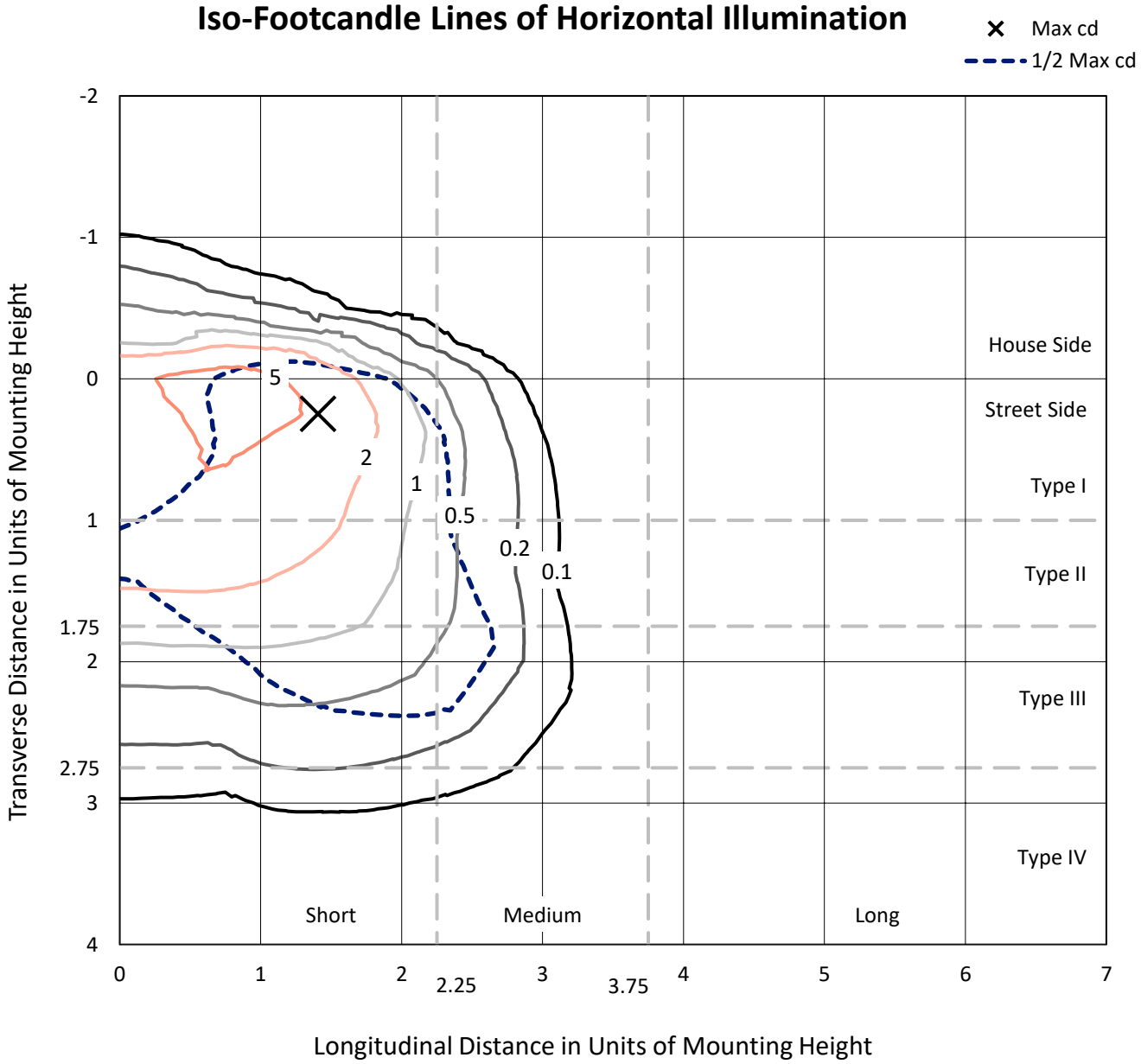
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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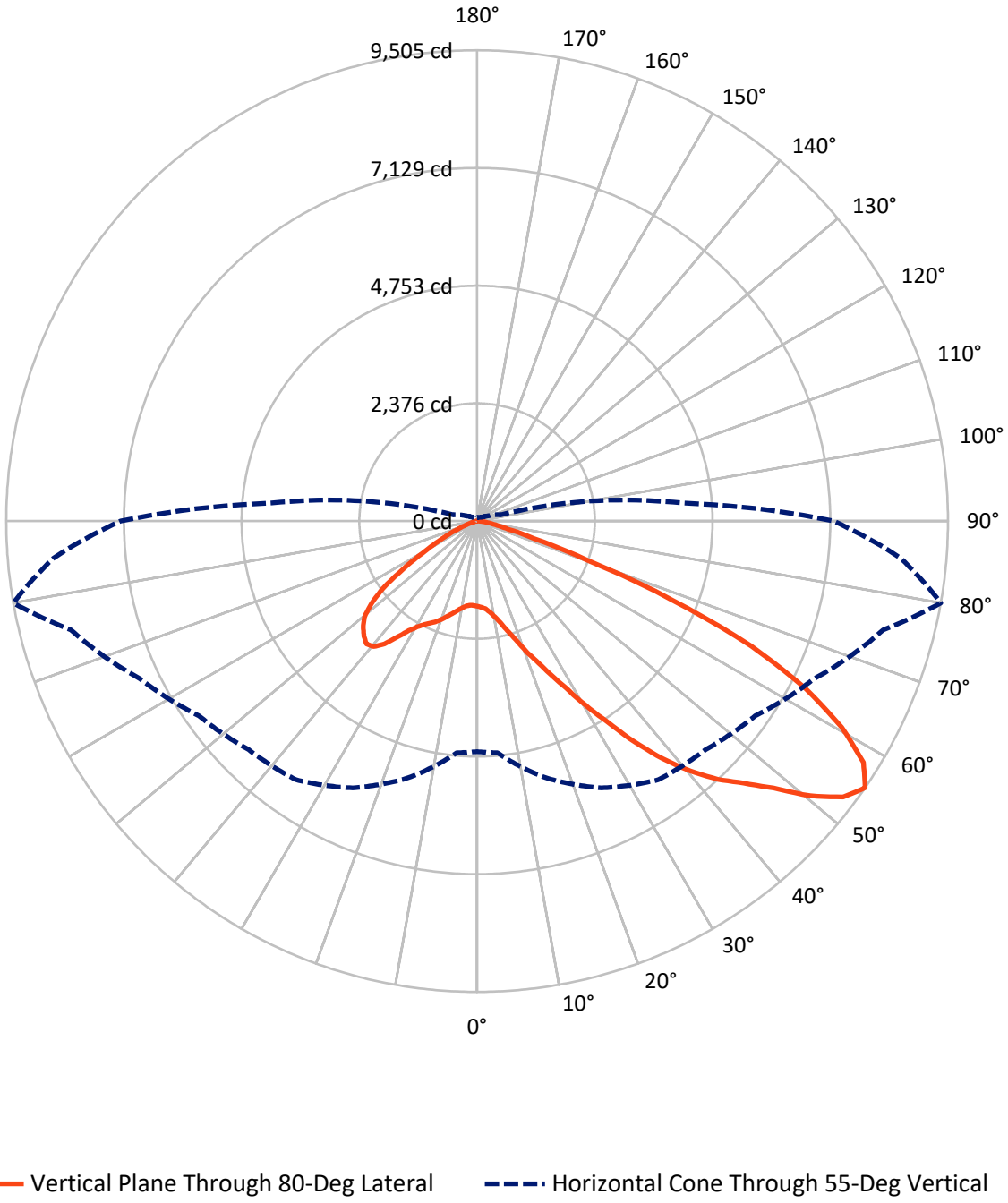
Luminous Intensity Polar Plot



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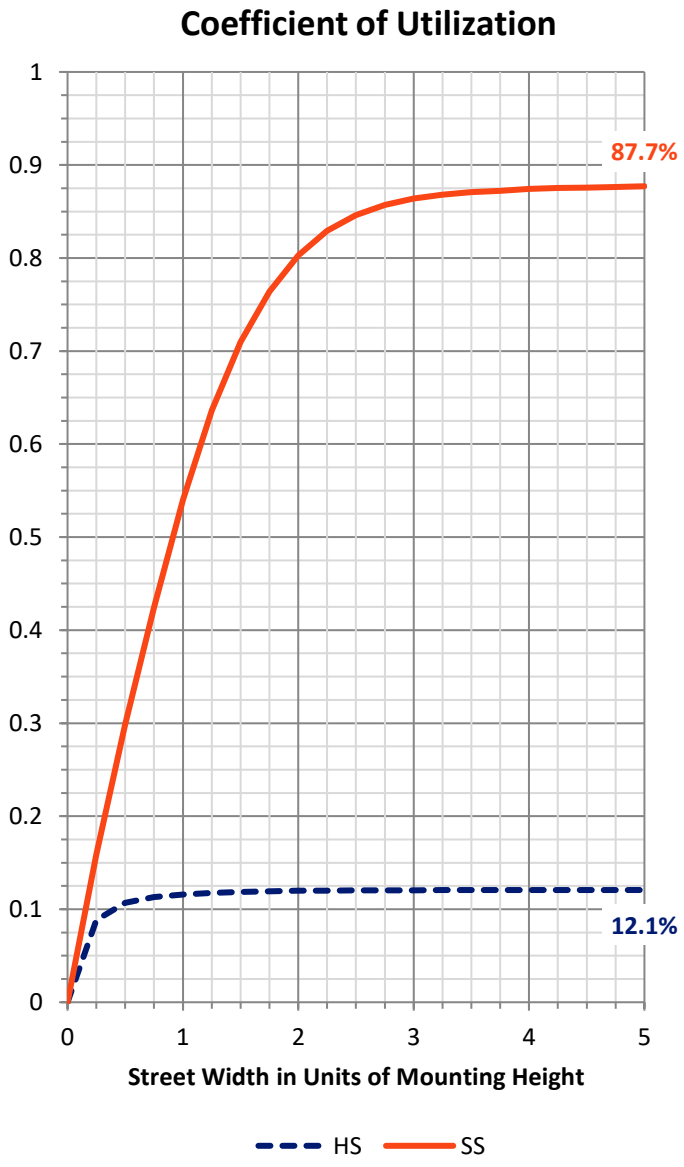
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1500.3	0.0	1500.3
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	10841.9	0.0	10841.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	12342.2	0.0	12342.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.3	1.2
10°-20°	380.4	3.1
20°-30°	744.7	6.0
30°-40°	1515.0	12.3
40°-50°	2554.0	20.7
50°-60°	3263.3	26.4
60°-70°	2786.1	22.6
70°-80°	890.3	7.2
80°-90°	64.3	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°	12342.2	100.0
0°-180°	12342.2	100.0



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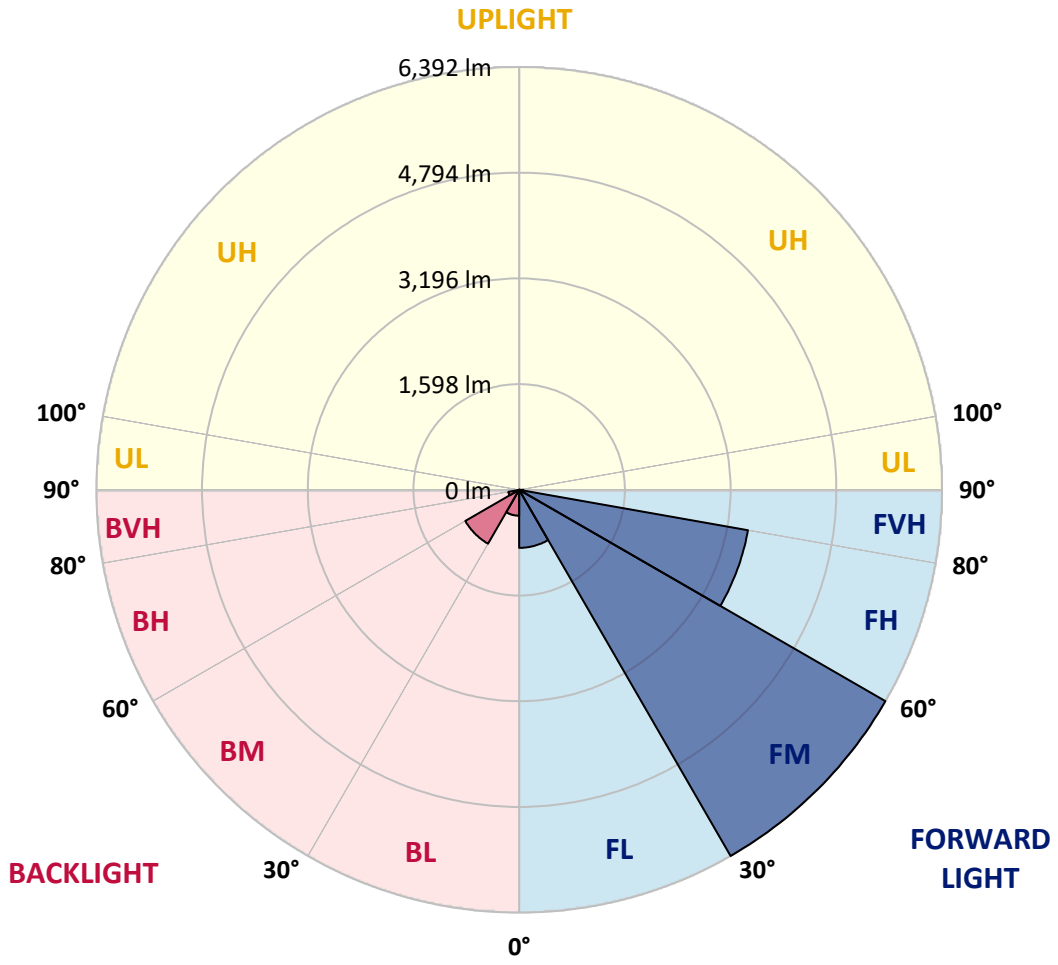
CATALOG NUMBER: GLAN-SB4A-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	877.6	7.1			
FM	(30°-60°)	6391.9	51.8			
FH	(60°-80°)	3511.5	28.5			G2/5000
FVH	(80°-90°)	60.9	0.5			G1/100
BL	(0°-30°)	391.8	3.2	B1/500		
BM	(30°-60°)	940.3	7.6	B1/1000		
BH	(60°-80°)	164.9	1.3	B1/500		G1/500
BVH	(80°-90°)	3.3	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	*1719.3*	1719.3
2.5°	1729.8	1733.3	1729.8	1733.3	1740.3	1736.8	1750.8	1747.3	1747.3	*1743.8*	1729.8
5°	1631.5	1635.0	1642.1	1659.6	1684.2	1708.7	1740.3	1761.4	1782.4	*1778.9*	1764.9
7.5°	1438.6	1445.6	1473.6	1508.7	1589.4	1663.1	1743.8	1796.4	1842.1	*1856.1*	1845.6
10°	1329.8	1336.8	1354.4	1389.4	1463.1	1585.9	1743.8	1852.6	1933.3	*1961.4*	1964.9
12.5°	1319.3	1322.8	1336.8	1375.4	1438.6	1543.8	1740.3	1926.3	2063.1	*2105.2*	2119.2
15°	1326.3	1333.3	1347.3	1378.9	1452.6	1571.9	1768.4	2042.1	2235.0	*2294.7*	2298.2
17.5°	1354.4	1361.4	1378.9	1414.0	1494.7	1645.6	1856.1	2161.3	2442.0	*2508.7*	2547.3
20°	1410.5	1414.0	1435.1	1480.7	1571.9	1736.8	1985.9	2322.7	2691.2	*2789.4*	2817.5
22.5°	1484.2	1494.7	1522.8	1578.9	1694.7	1863.1	2164.9	2519.2	2964.8	*3066.6*	3115.7
25°	1564.9	1578.9	1621.0	1712.2	1859.6	2056.1	2385.9	2778.9	3287.6	*3410.4*	3477.1
27.5°	1729.8	1733.3	1761.4	1877.1	2066.6	2308.7	2666.6	3112.2	3666.6	*3810.4*	3884.1
30°	2091.2	2094.7	2070.1	2101.7	2294.7	2606.9	2996.4	3501.7	4108.7	*4308.7*	4368.3
32.5°	2533.3	2550.8	2547.3	2526.2	2614.0	2905.2	3389.4	3968.3	4627.9	*4838.5*	4894.6
35°	3035.0	3077.1	3066.6	3059.6	3070.1	3287.6	3838.5	4484.1	5217.4	*5473.5*	5519.2
37.5°	3526.2	3536.7	3585.9	3645.5	3652.5	3803.4	4357.8	5031.4	5764.8	*6091.1*	6161.2
40°	3905.2	3940.2	4063.1	4182.3	4305.2	4424.4	4785.8	5473.5	6199.8	*6638.4*	6670.0
42.5°	4199.9	4284.1	4463.0	4649.0	4898.1	5031.4	5192.8	5785.8	6554.2	*7126.1*	7112.1
45°	4557.8	4592.9	4845.5	5091.1	5343.7	5547.2	5543.7	6049.0	6831.4	*7543.7*	7455.9
47.5°	4799.9	4842.0	5185.8	5473.5	5733.2	5834.9	5856.0	6333.2	7213.8	*8048.9*	7841.9
50°	4929.7	5003.4	5378.8	5743.7	6024.4	6056.0	6150.7	6705.1	7715.6	*8719.1*	8329.6
52.5°	4943.7	5013.9	5445.5	5915.6	6220.9	6284.0	6445.4	7126.1	8203.3	*9255.9*	8610.3
55°	*4652.5*	*4694.6*	*5364.8*	*5943.7*	*6375.3*	*6522.6*	*6852.5*	*7515.6*	*8487.5*	*9505.0*	*8585.7*
57.5°	4378.8	4420.9	5003.4	5894.6	6533.2	6834.9	7287.5	7782.3	8266.5	*9196.3*	8038.4
60°	4143.8	4164.8	4694.6	5666.5	6592.8	7140.2	7663.0	7519.1	7694.5	*8455.9*	7101.6
62.5°	3701.7	3715.7	4343.7	5256.0	6473.5	7375.2	7792.8	6961.2	7066.5	*7434.9*	5999.8
65°	2796.4	2849.0	3424.5	4947.2	6277.0	7484.0	7491.0	6280.5	6171.8	*6084.1*	4719.2
67.5°	1898.2	1957.8	2305.2	4449.0	5957.7	7529.6	6905.1	5399.9	4701.6	*4249.0*	3091.1
70°	1515.7	1515.7	1635.0	3575.3	5199.9	6947.2	6178.8	4077.1	2985.9	*2347.3*	1656.1
72.5°	996.5	1000.0	1112.3	2270.1	3687.6	5298.1	5038.5	2357.8	1550.8	*1196.5*	817.5
75°	361.4	361.4	487.7	908.7	1950.8	3154.3	3070.1	1126.3	842.1	*652.6*	494.7
77.5°	193.0	200.0	235.1	375.4	747.3	1284.2	1200.0	575.4	477.2	*407.0*	308.8
80°	129.8	133.3	157.9	231.6	361.4	494.7	386.0	322.8	322.8	*273.7*	207.0
82.5°	70.2	73.7	105.3	150.9	193.0	231.6	186.0	189.5	228.1	*186.0*	119.3
85°	49.1	49.1	80.7	108.8	108.8	112.3	80.7	119.3	133.3	*115.8*	80.7
87.5°	28.1	28.1	45.6	52.6	52.6	49.1	24.6	42.1	52.6	*59.6*	35.1
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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CATALOG NUMBER: GLAN-SB4A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3	1719.3
2.5°	1726.3	1715.7	1694.7	1652.6	1631.5	1603.5	1578.9	1547.3	1540.3	1536.8	1522.8
5°	1754.3	1733.3	1670.1	1578.9	1501.7	1428.0	1354.4	1312.2	1277.2	1259.6	1256.1
7.5°	1824.5	1782.4	1666.6	1505.2	1361.4	1235.1	1126.3	1031.6	982.4	940.3	943.8
10°	1929.8	1863.1	1673.6	1435.1	1221.0	1017.5	859.6	722.8	624.5	578.9	575.4
12.5°	2070.1	1975.4	1698.2	1364.9	1049.1	764.9	564.9	484.2	463.1	459.6	456.1
15°	2242.0	2108.7	1722.8	1273.7	817.5	529.8	459.6	442.1	438.6	435.1	435.1
17.5°	2449.1	2263.1	1736.8	1119.3	596.5	456.1	431.6	421.0	417.5	414.0	414.0
20°	2708.7	2435.0	1754.3	922.8	505.2	438.6	410.5	396.5	393.0	393.0	389.5
22.5°	2964.8	2628.0	1740.3	750.9	487.7	417.5	386.0	371.9	364.9	364.9	361.4
25°	3259.6	2824.5	1698.2	677.2	484.2	400.0	361.4	340.3	329.8	326.3	326.3
27.5°	3596.4	3049.0	1631.5	680.7	484.2	386.0	329.8	301.7	294.7	287.7	287.7
30°	3982.4	3322.7	1582.4	726.3	491.2	371.9	301.7	266.7	256.1	249.1	252.6
32.5°	4424.4	3628.0	1578.9	800.0	501.7	350.9	270.2	231.6	221.0	217.5	221.0
35°	4926.2	4006.9	1659.6	856.1	473.7	305.3	231.6	200.0	189.5	189.5	193.0
37.5°	5484.1	4442.0	1768.4	842.1	382.4	242.1	200.0	175.4	164.9	168.4	171.9
40°	5992.8	4782.3	1785.9	719.3	287.7	207.0	171.9	154.4	147.4	150.9	154.4
42.5°	6378.8	5056.0	1617.5	557.9	242.1	175.4	147.4	133.3	129.8	136.8	136.8
45°	6691.1	5164.8	1350.8	414.0	214.0	150.9	129.8	122.8	115.8	119.3	119.3
47.5°	7017.4	5182.3	1101.7	333.3	189.5	136.8	119.3	112.3	105.3	105.3	105.3
50°	7333.1	5140.2	842.1	294.7	175.4	122.8	108.8	101.8	94.7	91.2	91.2
52.5°	7410.3	4803.4	617.5	273.7	161.4	115.8	101.8	94.7	87.7	84.2	84.2
55°	*7196.3*	*4164.8*	*484.2*	*245.6*	*147.4*	*105.3*	*94.7*	*87.7*	*77.2*	*73.7*	*73.7*
57.5°	6491.1	3175.4	386.0	210.5	133.3	101.8	87.7	80.7	70.2	66.7	66.7
60°	5575.3	2252.6	312.3	171.9	122.8	91.2	80.7	70.2	63.2	56.1	56.1
62.5°	4561.3	1617.5	252.6	143.9	115.8	80.7	73.7	63.2	49.1	38.6	38.6
65°	3498.2	1161.4	196.5	115.8	105.3	70.2	63.2	52.6	38.6	28.1	28.1
67.5°	2263.1	750.9	147.4	101.8	80.7	59.6	49.1	42.1	35.1	24.6	21.1
70°	1193.0	438.6	108.8	87.7	59.6	45.6	42.1	35.1	28.1	17.5	17.5
72.5°	617.5	287.7	80.7	77.2	45.6	31.6	35.1	28.1	21.1	10.5	10.5
75°	396.5	193.0	59.6	63.2	28.1	24.6	24.6	17.5	10.5	7.0	3.5
77.5°	256.1	129.8	42.1	52.6	17.5	14.0	14.0	7.0	3.5	0.0	0.0
80°	150.9	80.7	28.1	35.1	7.0	7.0	3.5	0.0	0.0	0.0	0.0
82.5°	77.2	42.1	14.0	14.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	49.1	21.1	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.6	7.0	3.5	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: SP1-2407-184-9

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

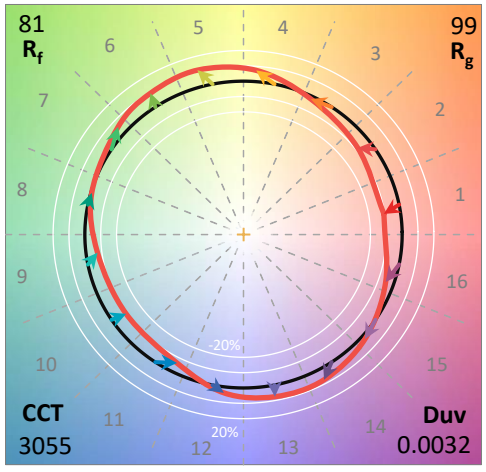
Test Information

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

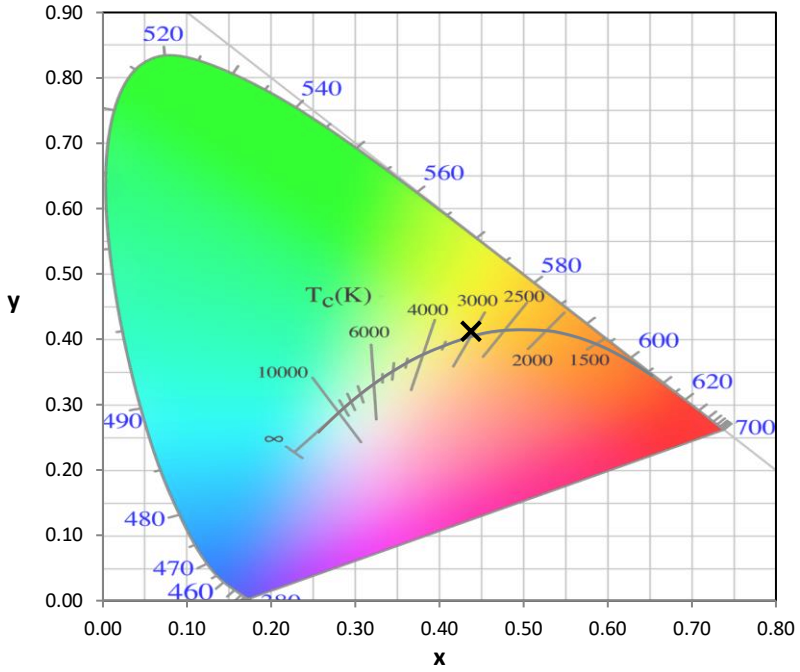
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

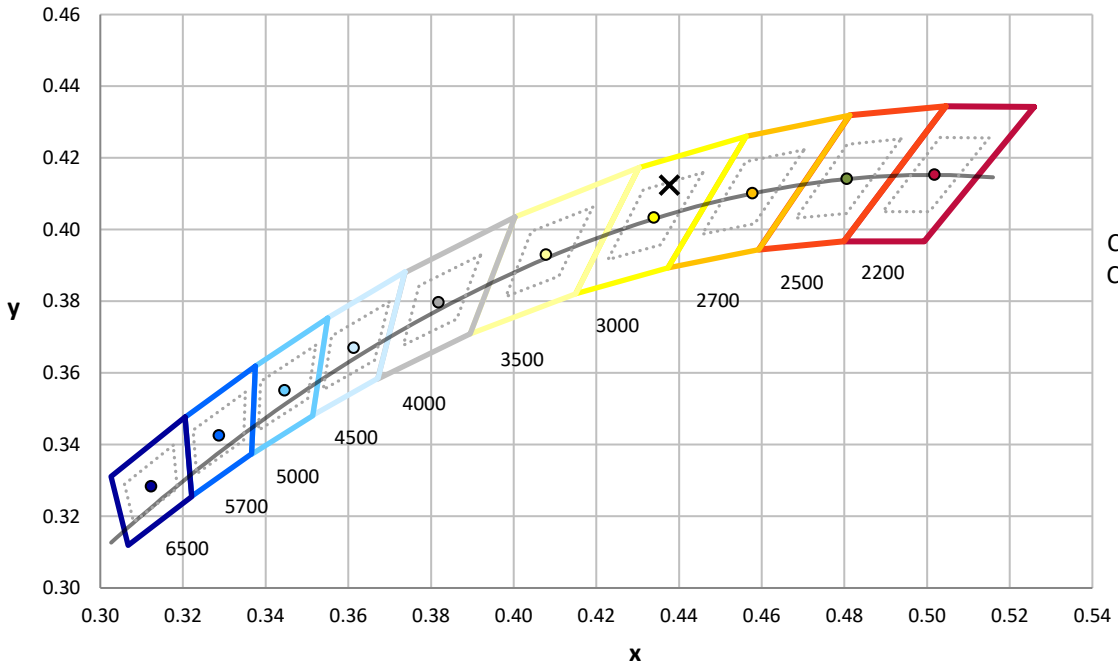
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

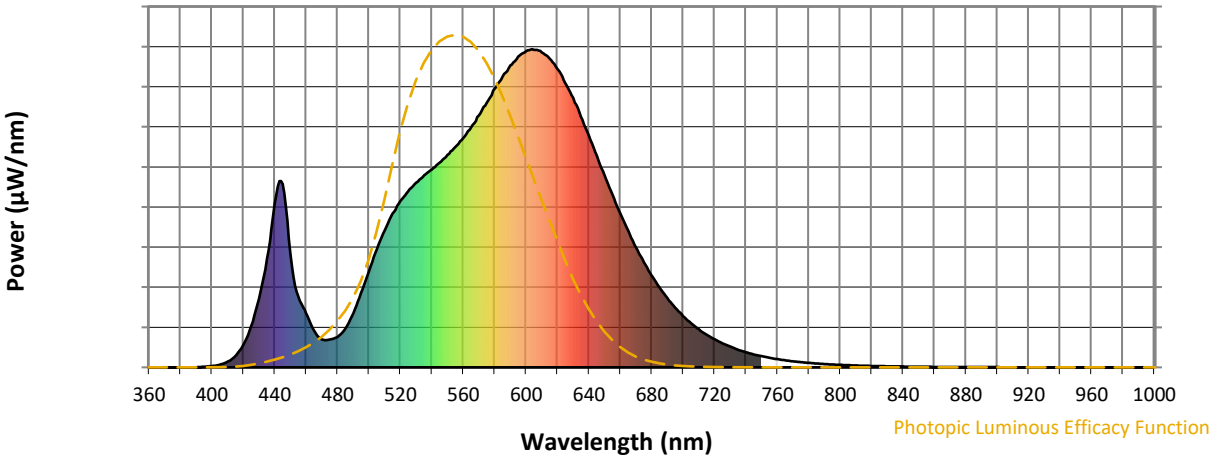


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

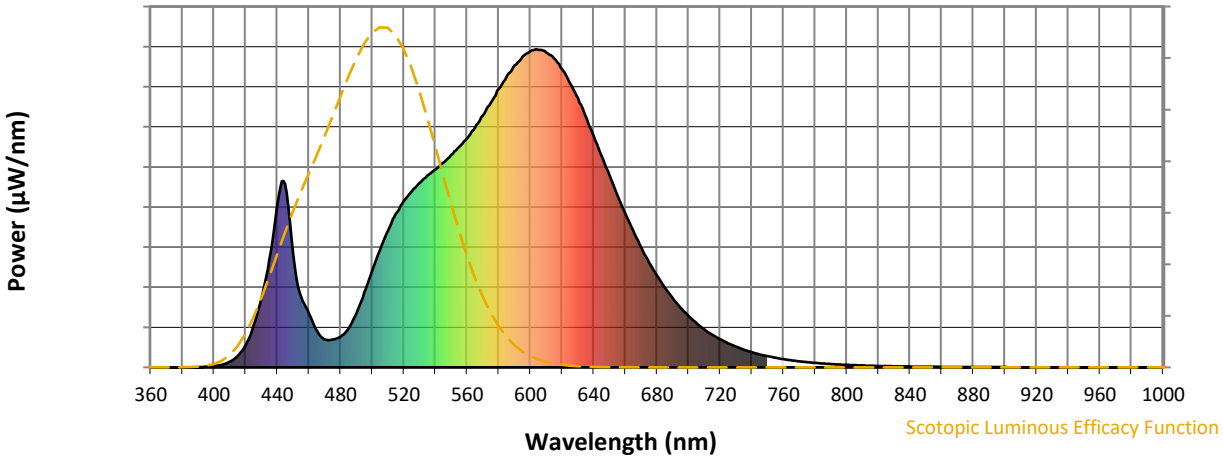


Photopic Lumens: NR

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

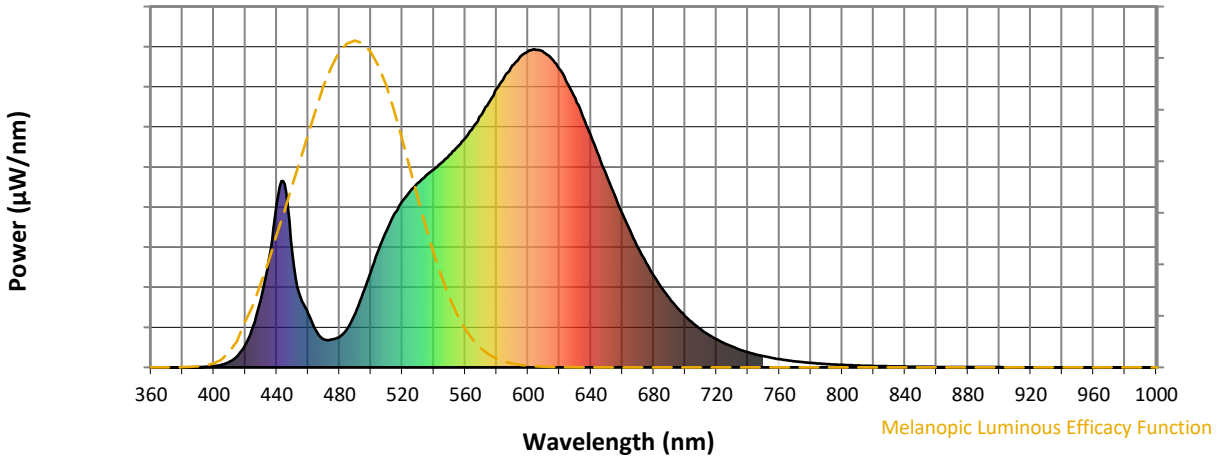


Scotopic Lumens: NR **S/P: 1.28**

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			

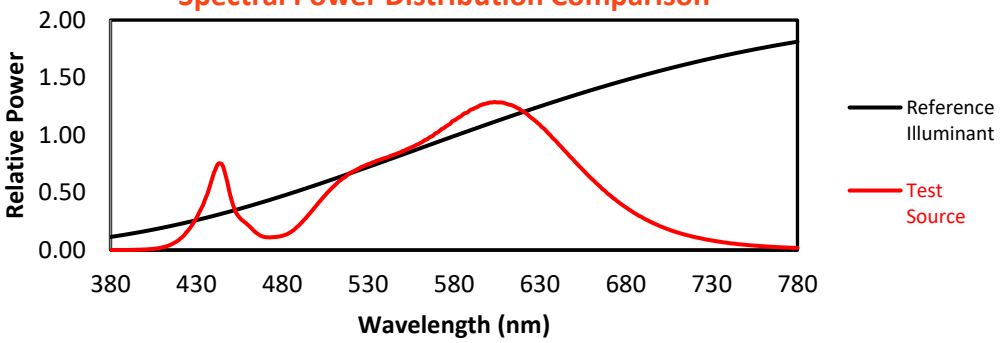
REPORT NUMBER: SP1-2407-184-9

TM-30-18

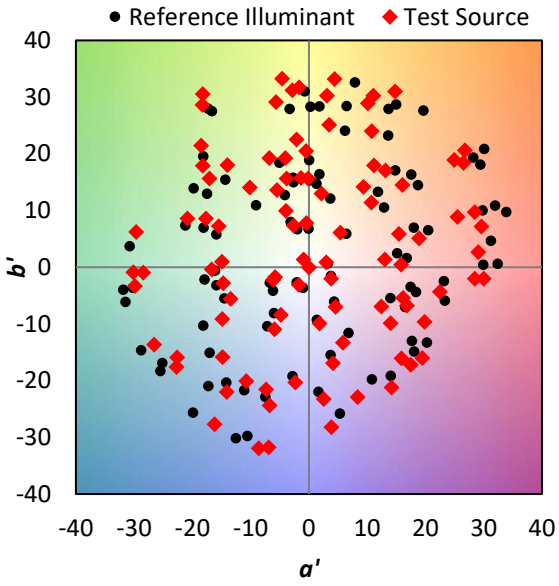
Summary

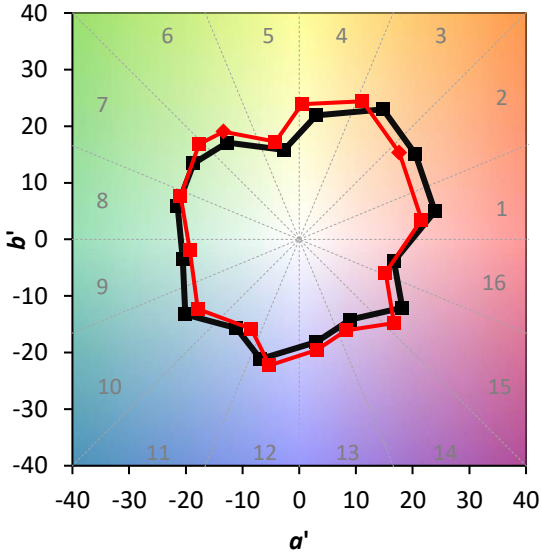
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

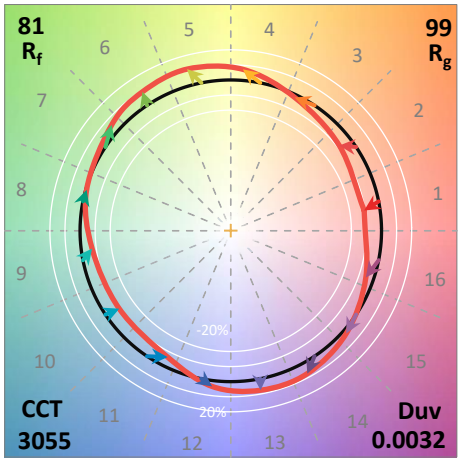
Spectral Power Distribution Comparison

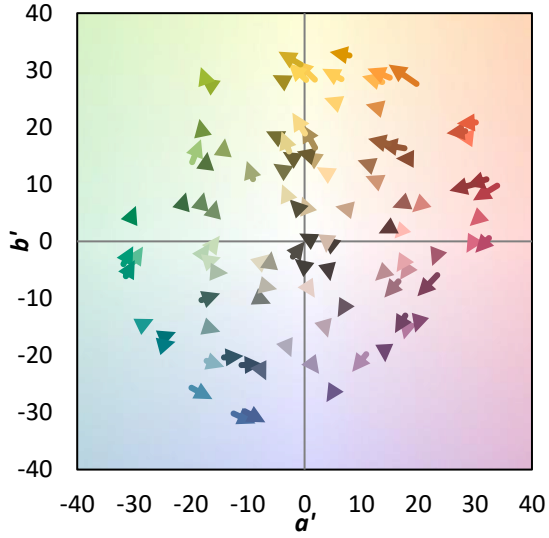


Color Vector Graphics







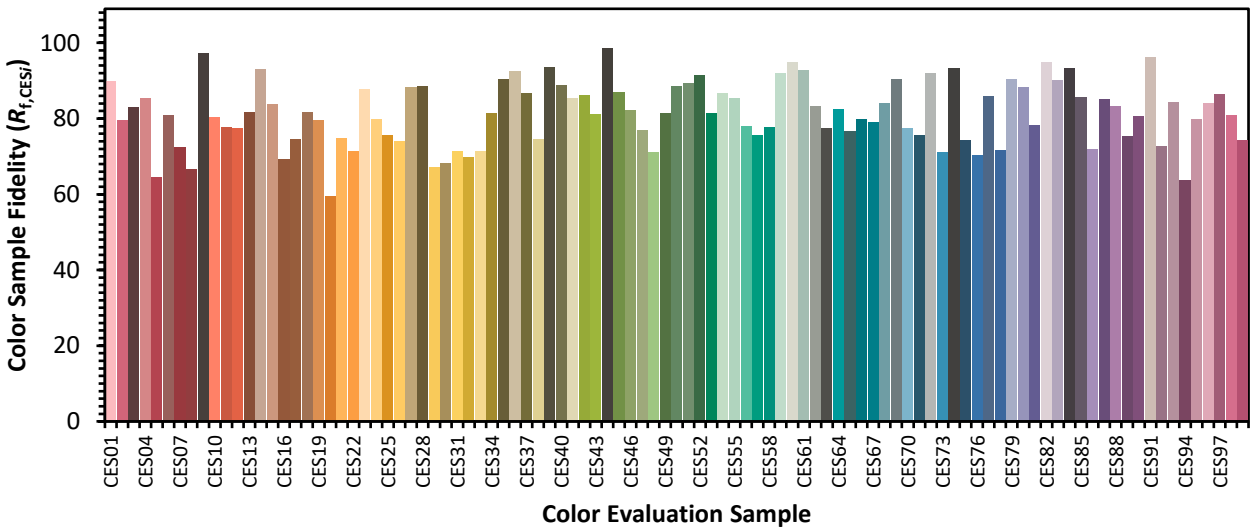


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

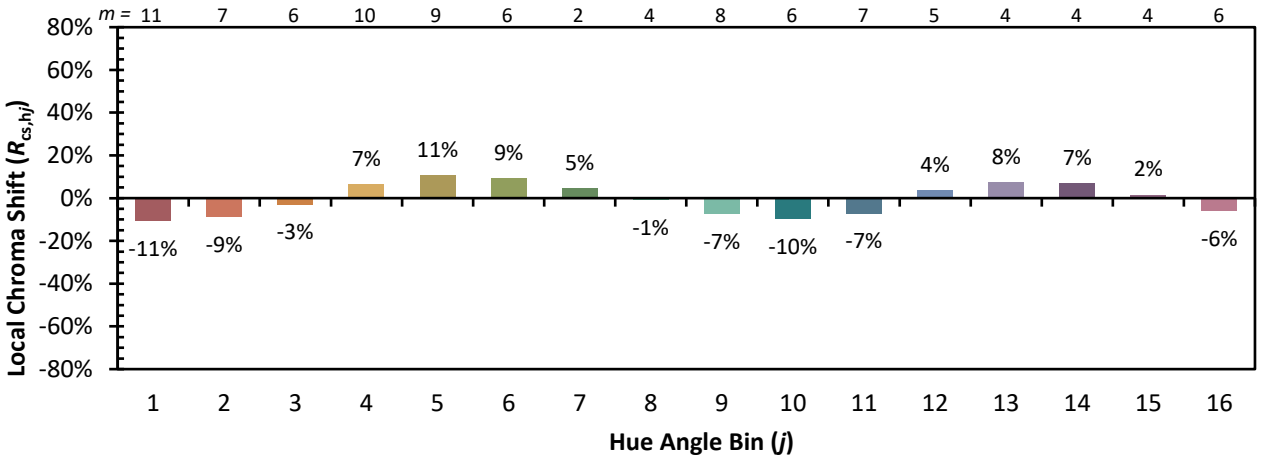
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

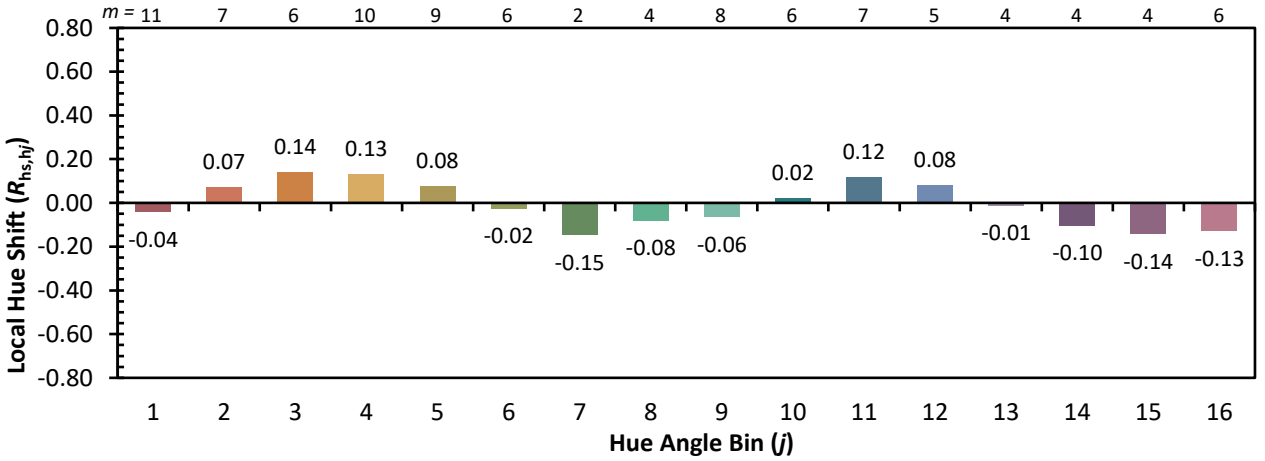


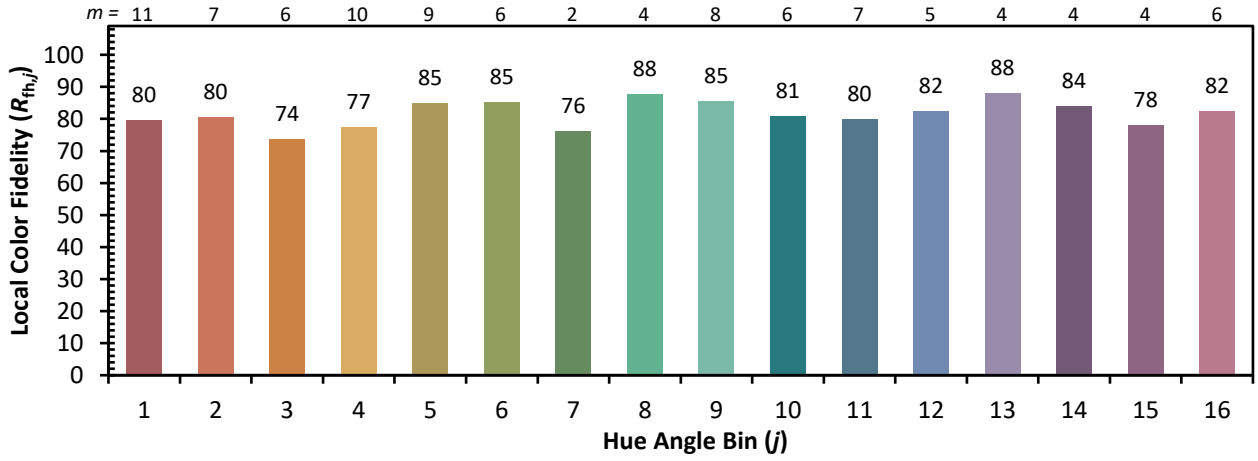
REPORT NUMBER: SP1-2407-184-9

TM-30-18

Color Rendition by Hue-Angle Bin



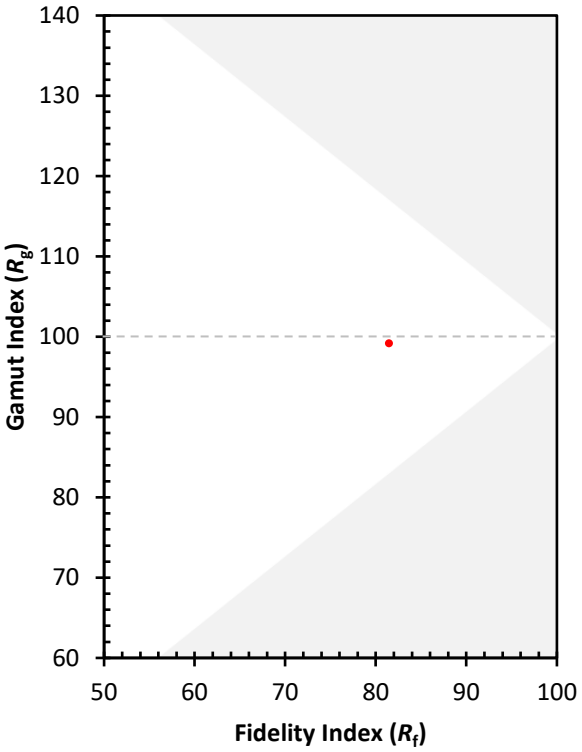


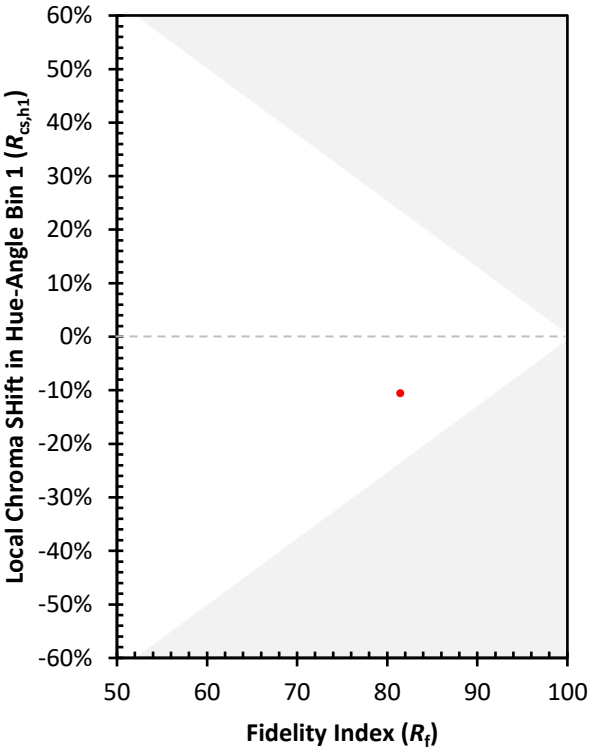


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)