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: P1458953

Luminaire Tested: GLAN-SB8C-830-U-T4LG-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:	P1458953
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8C-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	39443 lumens
Efficiency:	N/A
Efficacy:	98.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G5

Input Watts (W):	399.8
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: P1458953
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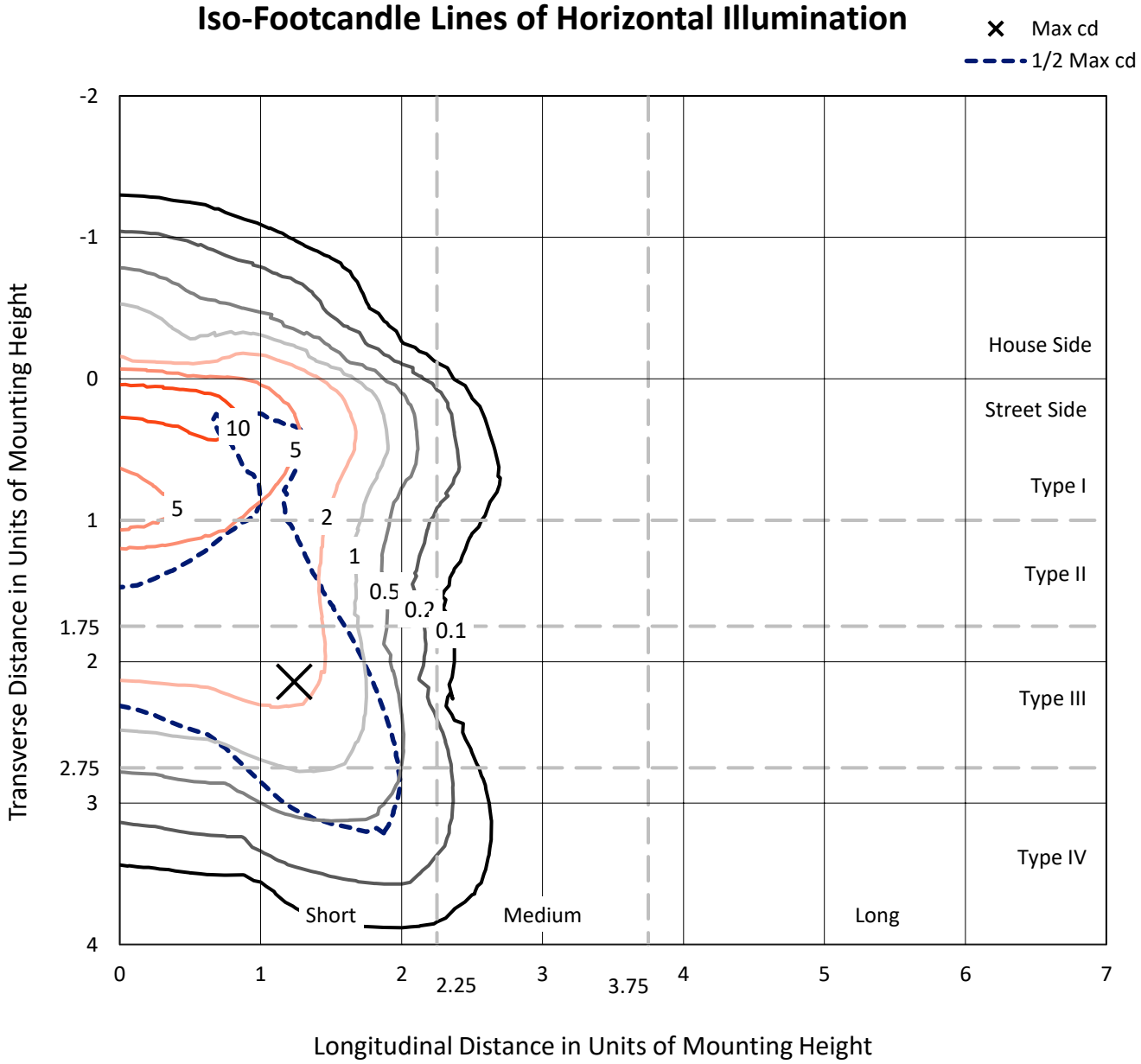
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.2 fc
Type IV - Short - N/A

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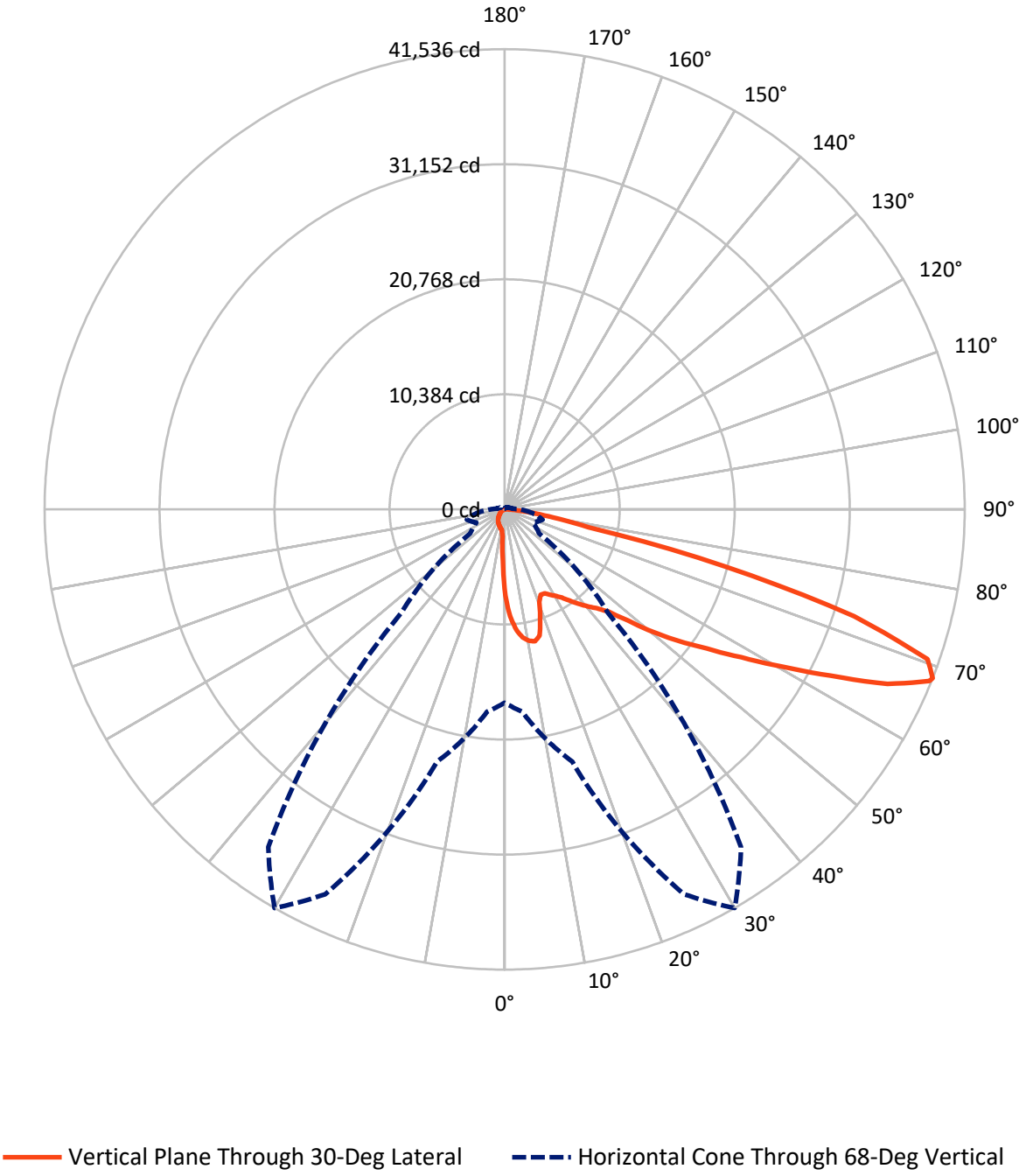
Luminous Intensity Polar Plot



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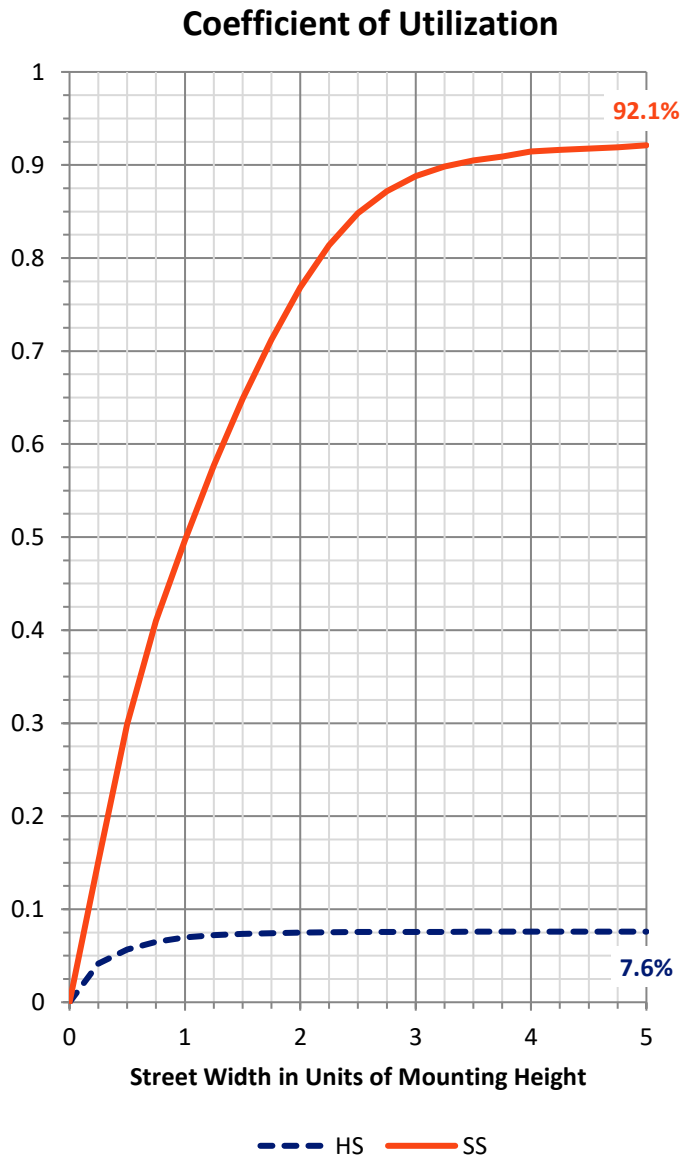
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3010.5	0.0	3010.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	36432.5	0.0	36432.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	39443.0	0.0	39443.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	671.1	1.7
10°-20°	1916.0	4.9
20°-30°	3011.0	7.6
30°-40°	4722.4	12.0
40°-50°	7058.7	17.9
50°-60°	9390.3	23.8
60°-70°	9077.5	23.0
70°-80°	3263.0	8.3
80°-90°	333.0	0.8
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°	39443.0	100.0
0°-180°	39443.0	100.0



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REPORT NUMBER: P1458953
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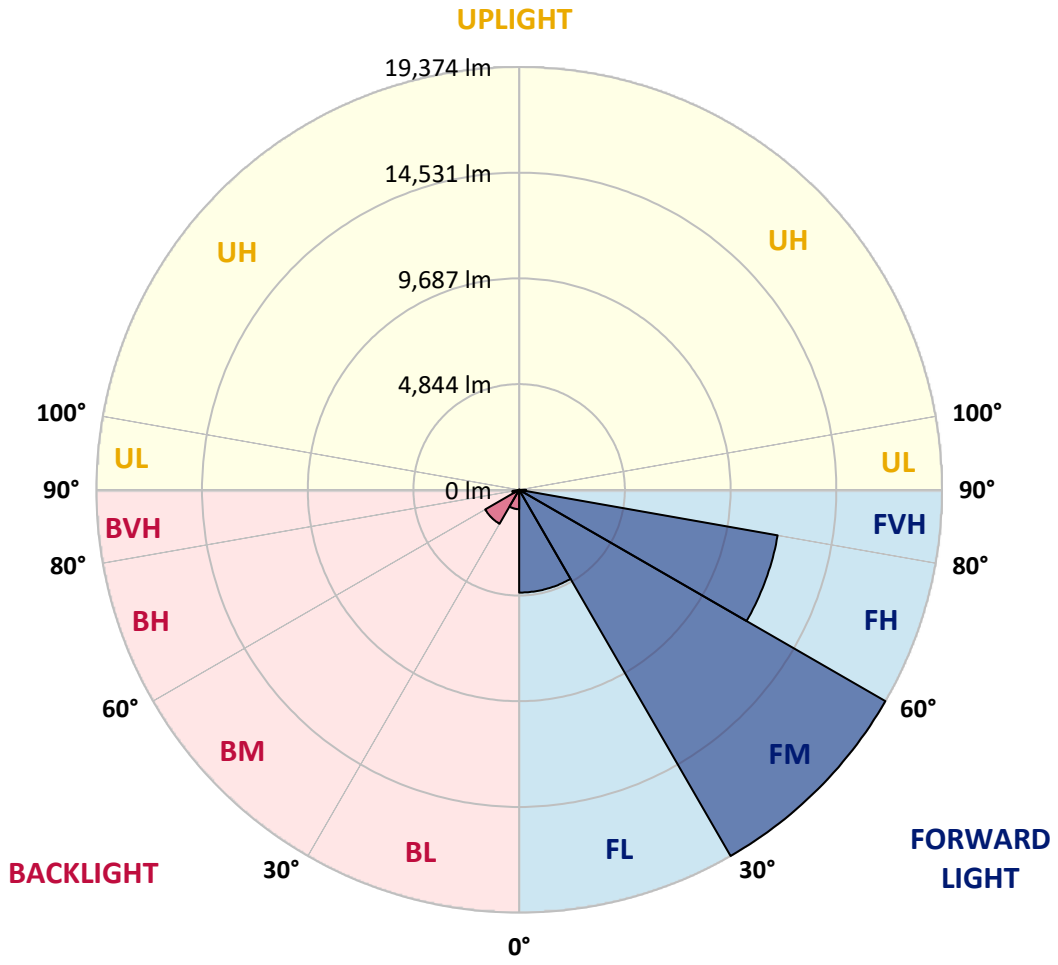
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4709.5	11.9			
FM	(30°-60°)	19374.4	49.1			
FH	(60°-80°)	12027.4	30.5			G5
FVH	(80°-90°)	321.2	0.8			G3/500
BL	(0°-30°)	888.6	2.3	B2/1000		
BM	(30°-60°)	1797.0	4.6	B2/2500		
BH	(60°-80°)	313.1	0.8	B1/500		G1/500
BVH	(80°-90°)	11.8	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G5
Type IV Short



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REPORT NUMBER: P1458953
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7
2.5°	9940.8	9940.8	9869.9	9775.3	9668.9	9633.5	9432.5	9148.8	8853.3	8510.6	8014.1
5°	11217.4	11205.6	11063.7	11063.7	10921.9	10791.9	10590.9	10177.2	9704.4	9089.7	8226.9
7.5°	11784.8	11808.4	11749.3	11749.3	11666.5	11572.0	11453.8	11051.9	10496.3	9668.9	8439.6
10°	11985.7	11997.5	11997.5	12080.3	12056.6	12044.8	12033.0	11808.4	11229.2	10259.9	8664.2
12.5°	11501.1	11560.2	11725.7	12092.1	12210.3	12340.3	12517.6	12446.7	12044.8	11004.6	9007.0
15°	9940.8	9952.6	10413.6	11323.8	11808.4	12304.8	12990.4	13132.3	12872.2	11808.4	9361.6
17.5°	8203.2	8238.7	8605.1	9621.7	10401.8	11548.3	13262.3	13841.5	13746.9	12600.3	9692.6
20°	7482.2	7529.5	7706.8	8345.1	8936.1	9999.9	12990.4	14515.2	14550.7	13392.3	9999.9
22.5°	7316.7	7352.2	7494.0	7990.5	8356.9	9066.1	12068.4	15047.1	15460.8	14302.5	10366.3
25°	7269.4	7304.9	7517.7	8061.4	8404.2	8995.2	11229.2	15330.8	16536.5	15248.1	10720.9
27.5°	7234.0	7281.3	7624.0	8321.4	8723.3	9290.7	11075.5	15389.9	17564.8	16252.8	11300.1
30°	7281.3	7352.2	7801.3	8593.3	9054.3	9692.6	11442.0	15449.0	18699.6	17399.4	12033.0
32.5°	7470.4	7529.5	8073.2	8959.7	9491.6	10212.7	12068.4	15803.6	19775.2	18569.6	12730.4
35°	7683.1	7765.9	8416.0	9479.8	10118.1	10933.7	12919.5	16501.0	20803.6	19680.7	13451.4
37.5°	7943.2	8037.7	8817.9	10070.8	10803.7	11725.7	13841.5	17470.3	21713.7	20590.8	14172.4
40°	8297.8	8404.2	9278.9	10697.3	11489.2	12411.2	14751.6	18427.7	22411.1	21134.5	14645.2
42.5°	9692.6	9834.4	10200.8	11311.9	12198.5	13144.1	15650.0	19337.9	22671.2	21311.8	14739.8
45°	12293.0	12434.9	12340.3	12553.1	13144.1	14030.6	16631.0	20212.6	22706.6	21264.6	14692.5
47.5°	14905.3	15070.8	14988.0	14869.8	14999.8	15425.4	17730.3	20768.1	22517.5	21240.9	14692.5
50°	17399.4	17304.8	17316.6	17281.2	17399.4	17623.9	18794.1	20874.5	22470.2	21465.5	14822.5
52.5°	18735.0	18782.3	19077.8	19515.2	19775.2	19999.8	20011.6	21040.0	22127.4	21087.3	14668.9
55°	20047.1	20141.6	20827.2	21571.9	22151.1	22576.6	21229.1	20933.6	20082.5	19822.5	13865.1
57.5°	21524.6	21654.6	22623.9	24160.5	25177.1	25401.6	22434.8	18947.8	16997.5	18014.0	12304.8
60°	23557.7	23711.3	24999.7	27304.7	28817.7	28356.7	22529.3	15791.8	13498.7	14952.6	10153.6
62.5°	25153.4	25460.7	27789.3	31382.7	33049.3	31583.6	20768.1	12103.9	9432.5	10508.2	7411.3
65°	23451.3	24042.3	27836.6	36051.6	37978.3	35377.9	18002.2	8262.3	5319.1	6796.6	4739.9
67.5°	18959.6	19787.0	24716.1	38321.1	41358.9	37375.5	14172.4	4385.3	3049.6	3948.0	2494.1
68°	17446.6	18345.0	23569.5	38321.1	41536.2	37198.2	13155.9	3794.3	2813.2	3546.1	2163.1
70°	12056.6	12694.9	18120.4	36169.8	40496.0	33912.2	8664.2	2174.9	2115.8	2435.0	1430.2
72.5°	5910.1	6595.7	9692.6	28664.0	32990.2	26063.6	3948.0	1442.1	1607.5	1784.9	1122.9
75°	2352.2	2494.1	3817.9	14137.0	20614.5	16631.0	2068.5	1087.5	1383.0	1394.8	886.5
77.5°	1347.5	1430.2	2115.8	5200.9	7730.4	7434.9	1335.7	780.1	1099.3	1004.7	579.2
80°	756.5	768.3	1193.8	2742.3	4420.8	3959.8	910.2	567.4	839.2	709.2	390.1
82.5°	378.2	425.5	756.5	1513.0	2458.6	2517.7	484.6	401.9	673.8	508.3	319.1
85°	271.9	295.5	543.7	839.2	1134.7	1702.1	295.5	200.9	508.3	342.8	224.6
87.5°	141.8	177.3	342.8	413.7	461.0	579.2	141.8	94.6	283.7	200.9	118.2
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7	7777.7
2.5°	7777.7	7505.8	6950.3	6300.2	5791.9	5271.8	4846.3	4444.4	4255.3	4231.6	4278.9
5°	7742.2	7151.2	5886.5	4645.3	3628.8	2919.6	2529.5	2328.6	2222.2	2174.9	2186.7
7.5°	7671.3	6773.0	4751.7	3144.2	2352.2	2044.9	1950.3	1914.9	1903.1	1903.1	1903.1
10°	7600.4	6264.7	3640.6	2304.9	1926.7	1844.0	1820.3	1820.3	1808.5	1808.5	1820.3
12.5°	7564.9	5791.9	2825.0	1926.7	1796.7	1761.2	1737.6	1725.8	1725.8	1725.8	1737.6
15°	7482.2	5271.8	2281.3	1784.9	1713.9	1666.6	1654.8	1643.0	1643.0	1643.0	1643.0
17.5°	7411.3	4763.5	1985.8	1690.3	1631.2	1583.9	1572.1	1560.3	1560.3	1572.1	1572.1
20°	7304.9	4278.9	1784.9	1595.7	1548.4	1501.2	1489.3	1477.5	1489.3	1489.3	1489.3
22.5°	7174.9	3877.0	1666.6	1524.8	1465.7	1418.4	1418.4	1418.4	1418.4	1418.4	1430.2
25°	7092.1	3593.3	1583.9	1442.1	1383.0	1347.5	1335.7	1335.7	1359.3	1359.3	1371.1
27.5°	7222.1	3522.4	1595.7	1418.4	1312.0	1276.6	1264.8	1264.8	1288.4	1300.2	1312.0
30°	7612.2	3652.4	1737.6	1489.3	1264.8	1205.7	1193.8	1193.8	1229.3	1241.1	1252.9
32.5°	8061.4	3924.3	1950.3	1583.9	1229.3	1134.7	1111.1	1111.1	1146.6	1158.4	1170.2
35°	8676.0	4349.8	2234.0	1666.6	1252.9	1063.8	1016.5	1016.5	1040.2	1063.8	1075.6
37.5°	9468.0	5047.2	2565.0	1725.8	1252.9	981.1	922.0	910.2	933.8	933.8	945.6
40°	10295.4	5957.4	2907.8	1725.8	1193.8	898.3	839.2	803.8	815.6	803.8	815.6
42.5°	10756.4	6690.2	3203.3	1619.4	1122.9	815.6	756.5	709.2	697.4	673.8	685.6
45°	11016.4	7021.2	3120.5	1501.2	1052.0	756.5	685.6	626.5	602.8	567.4	567.4
47.5°	11016.4	7056.7	2671.4	1406.6	981.1	709.2	614.7	555.5	520.1	484.6	496.4
50°	10886.4	6737.5	2115.8	1312.0	898.3	661.9	555.5	508.3	461.0	437.3	437.3
52.5°	10342.7	5697.3	1619.4	1193.8	803.8	602.8	496.4	449.2	401.9	390.1	390.1
55°	9408.9	4184.4	1312.0	1075.6	721.0	555.5	449.2	413.7	366.4	342.8	342.8
57.5°	7647.7	2860.5	1087.5	969.3	638.3	496.4	401.9	366.4	307.3	283.7	283.7
60°	5673.7	1867.6	922.0	851.1	543.7	449.2	354.6	307.3	260.0	236.4	224.6
62.5°	3829.7	1264.8	768.3	673.8	461.0	390.1	307.3	260.0	200.9	153.7	153.7
65°	2387.7	981.1	638.3	531.9	401.9	342.8	260.0	200.9	141.8	106.4	94.6
67.5°	1371.1	792.0	520.1	413.7	342.8	271.9	200.9	165.5	118.2	82.7	70.9
68°	*1264.8*	*756.5*	*484.6*	*390.1*	*319.1*	*260.0*	*189.1*	*153.7*	*106.4*	*70.9*	*70.9*
70°	1028.4	673.8	413.7	319.1	271.9	212.8	165.5	130.0	82.7	47.3	47.3
72.5°	910.2	567.4	354.6	248.2	189.1	177.3	130.0	94.6	59.1	35.5	23.6
75°	744.7	449.2	283.7	189.1	130.0	130.0	94.6	59.1	23.6	0.0	0.0
77.5°	484.6	331.0	224.6	118.2	70.9	82.7	59.1	23.6	0.0	0.0	0.0
80°	319.1	248.2	153.7	59.1	35.5	35.5	11.8	0.0	0.0	0.0	0.0
82.5°	224.6	165.5	94.6	23.6	11.8	11.8	0.0	0.0	0.0	0.0	0.0
85°	141.8	70.9	35.5	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	59.1	23.6	11.8	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

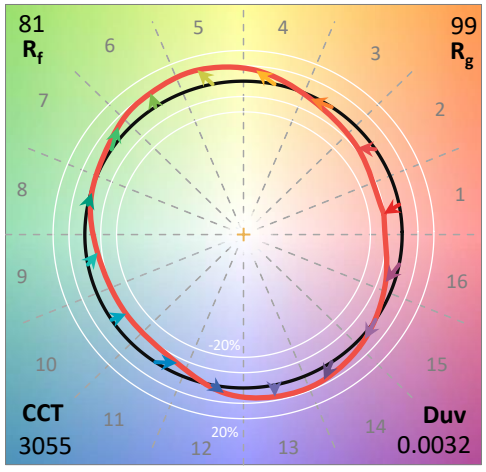
Test Information

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

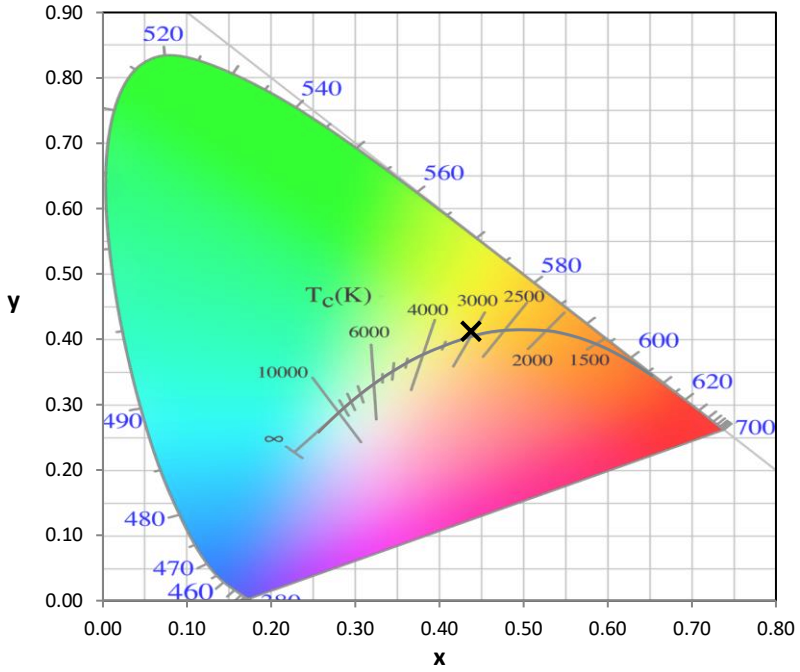
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

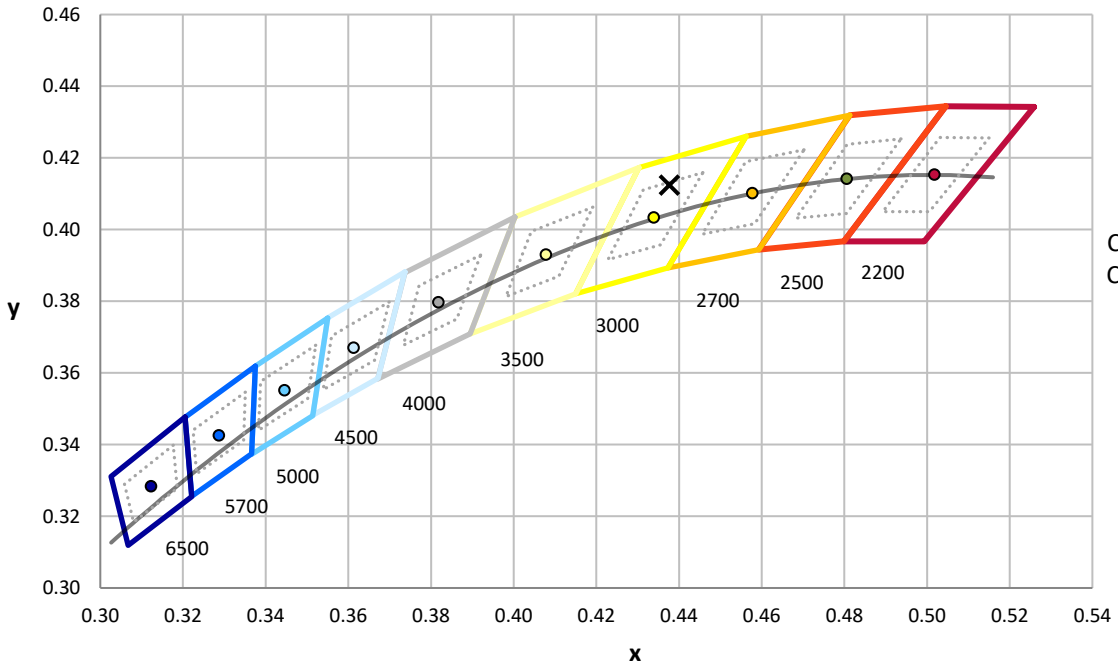
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

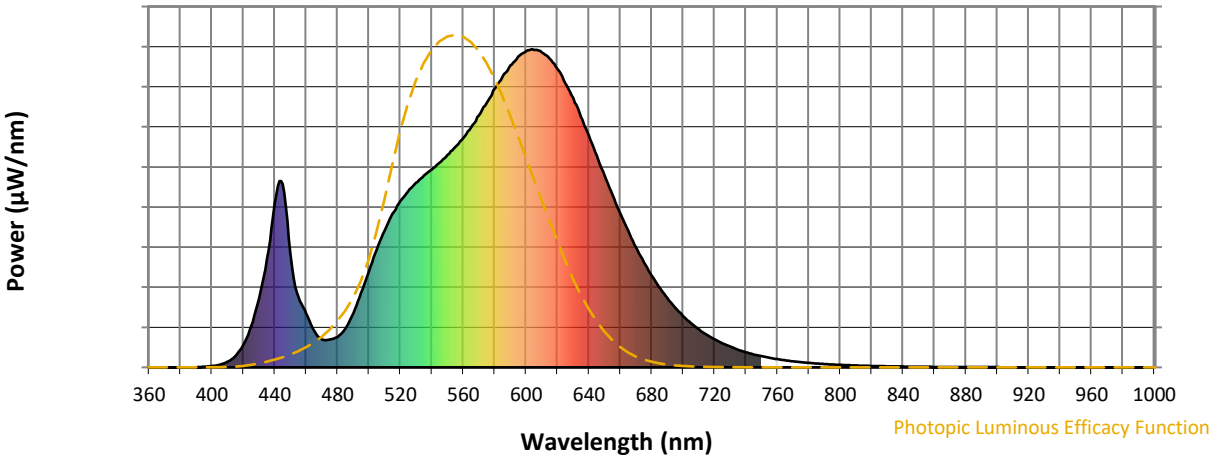


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

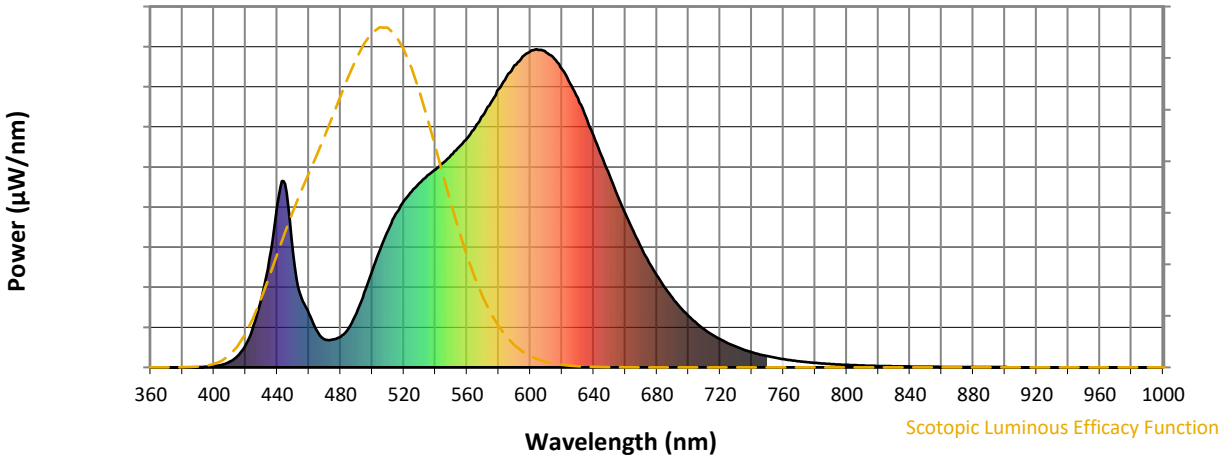


Photopic Lumens: NR

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

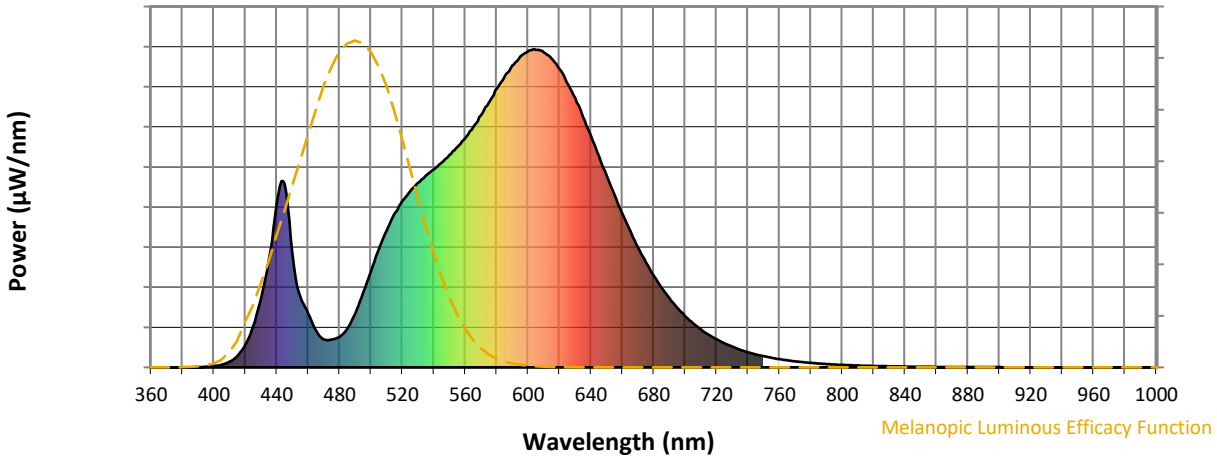


Scotopic Lumens: NR **S/P: 1.28**

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			

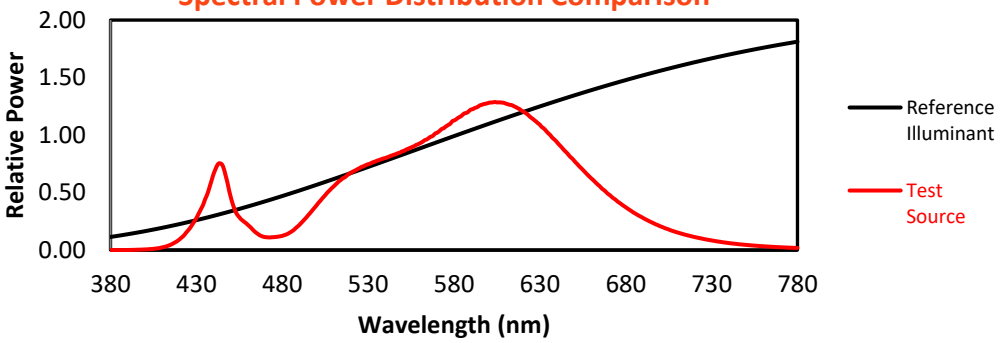
REPORT NUMBER: SP1-2407-184-9

TM-30-18

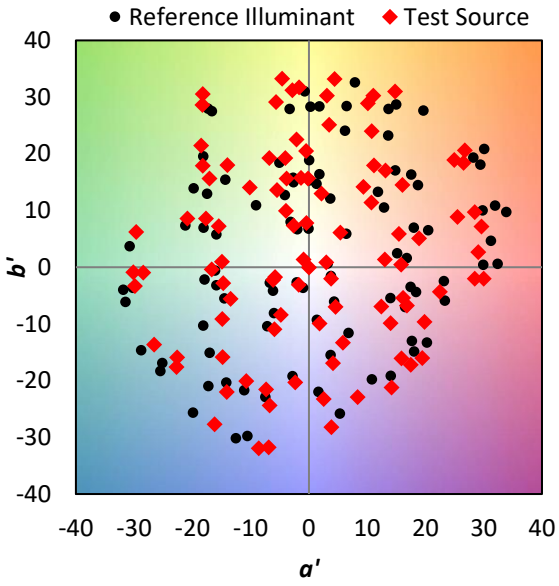
Summary

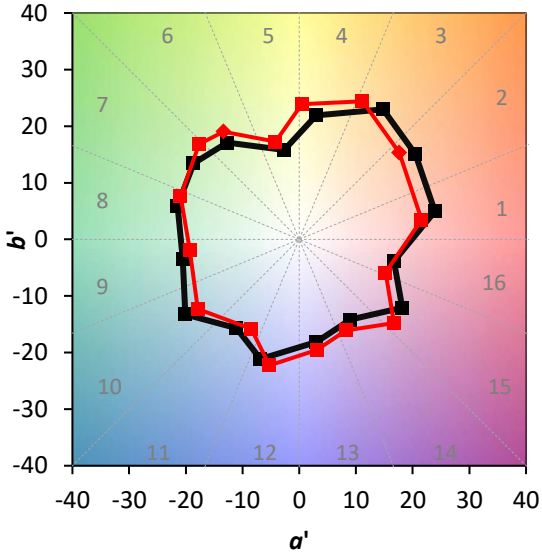
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

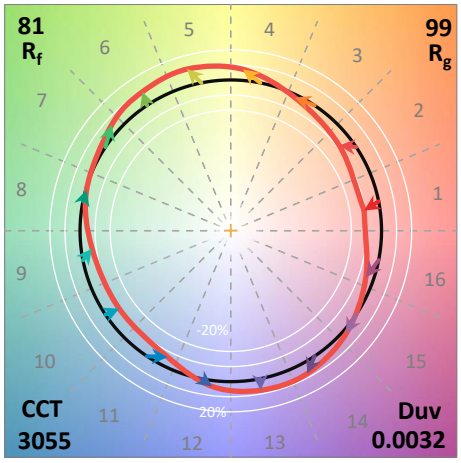
Spectral Power Distribution Comparison

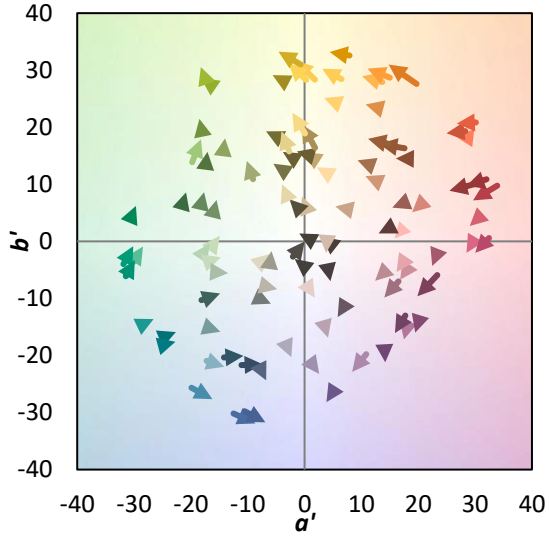


Color Vector Graphics







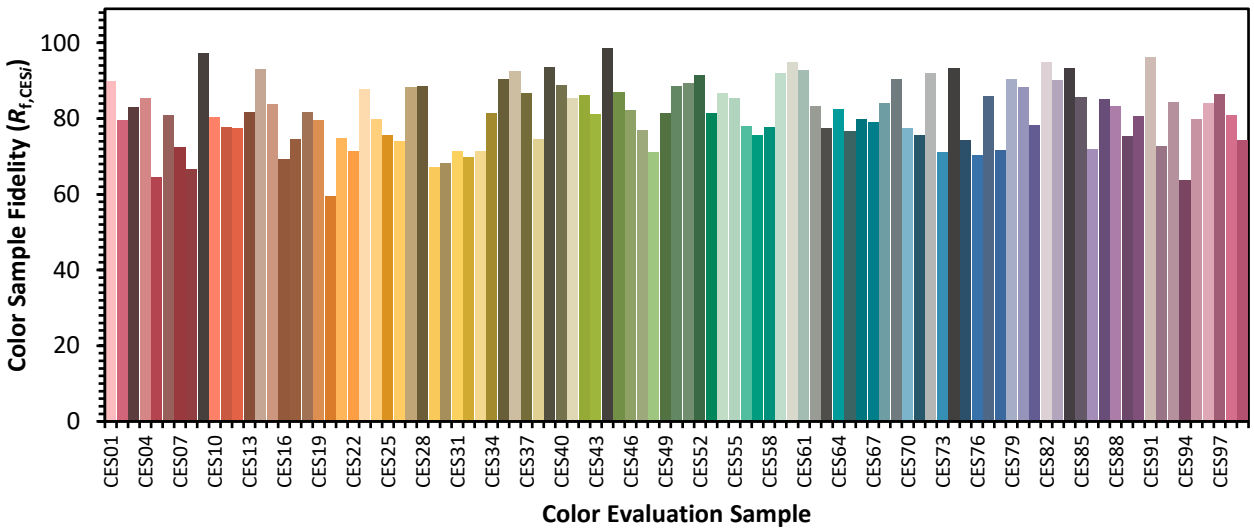


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

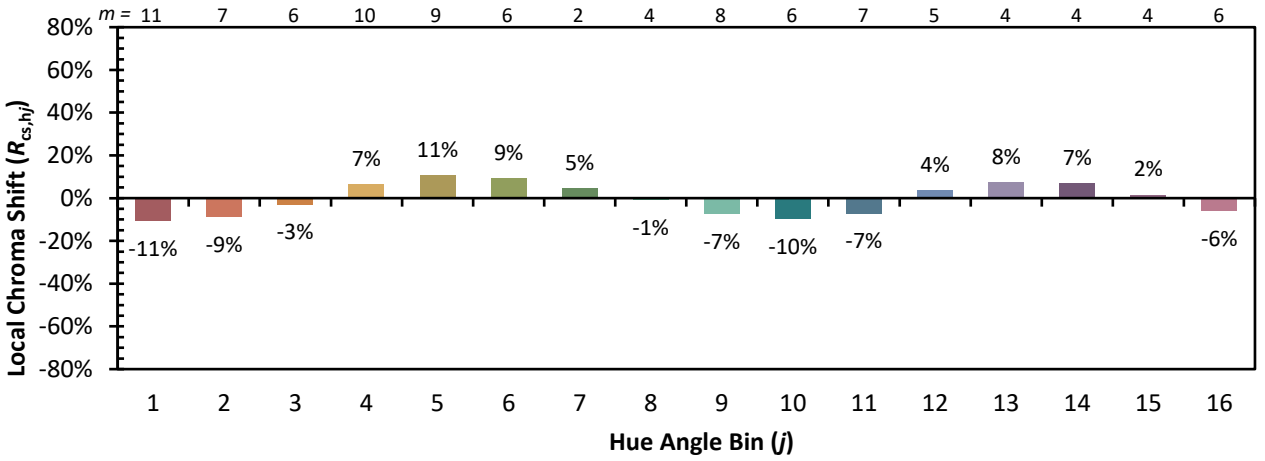
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

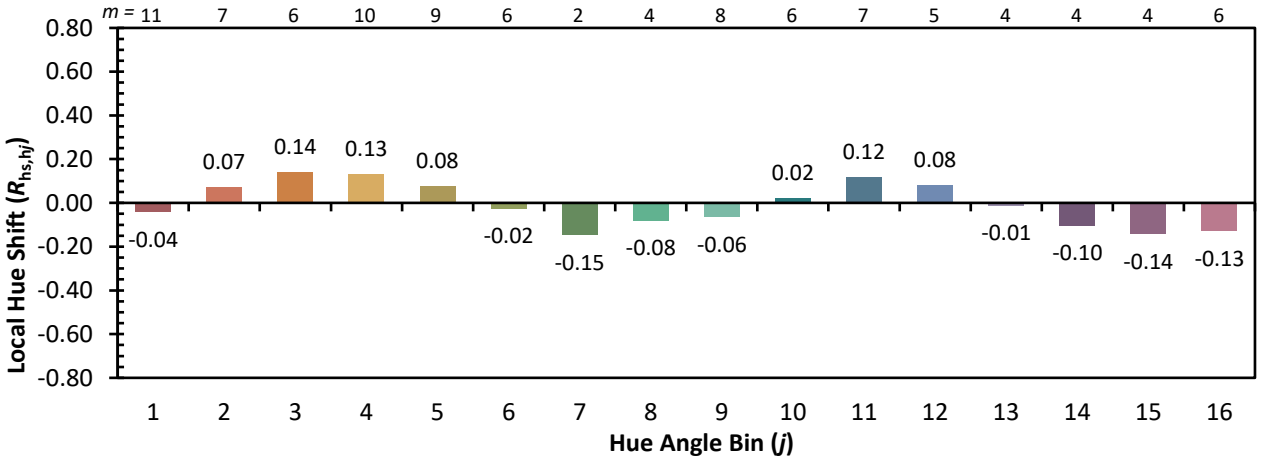


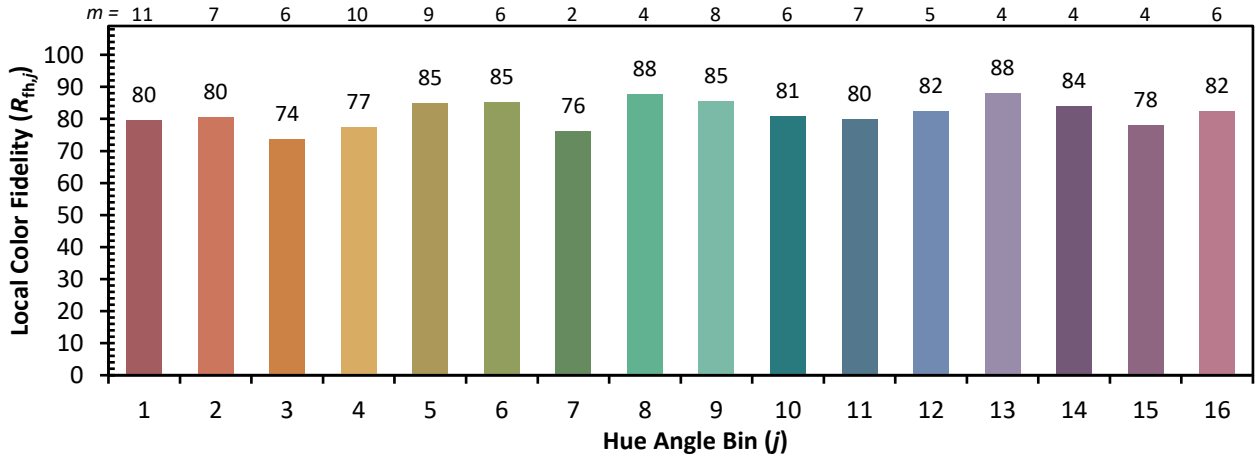
REPORT NUMBER: SP1-2407-184-9

TM-30-18

Color Rendition by Hue-Angle Bin



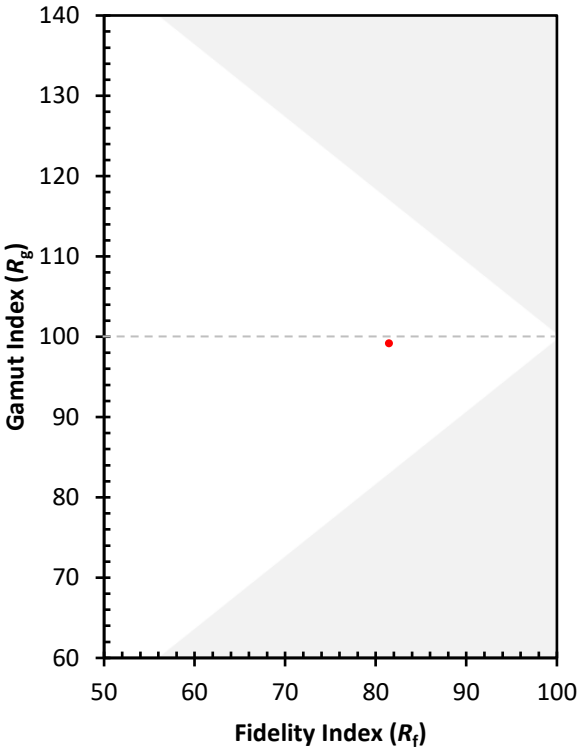


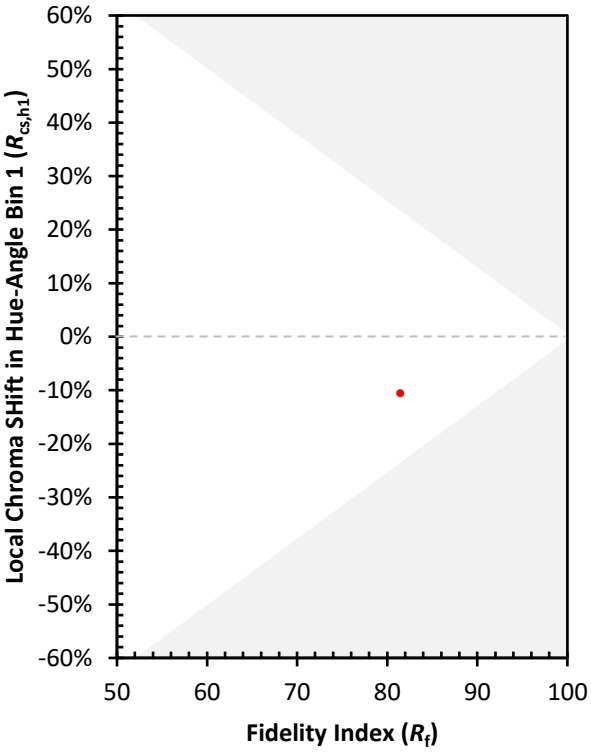


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)