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: P1457797

Luminaire Tested: GLAN-SB7C-830-U-T2LG-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:	P1457797
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7C-830-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34652.3 lumens
Efficiency:	N/A
Efficacy:	98.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	350.5
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: P1457797
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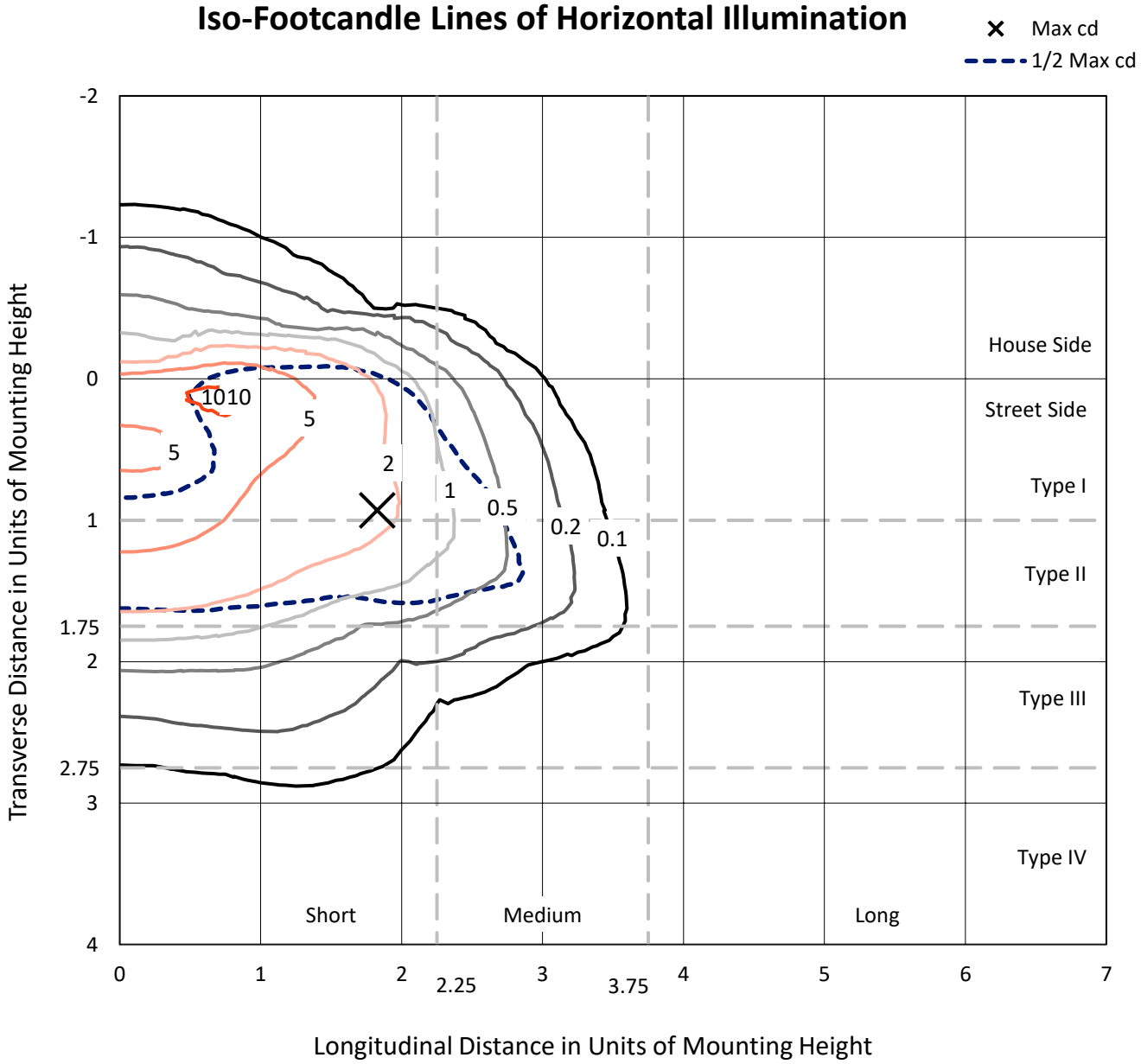
Iso-Footcandle Lines of Horizontal Illumination



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

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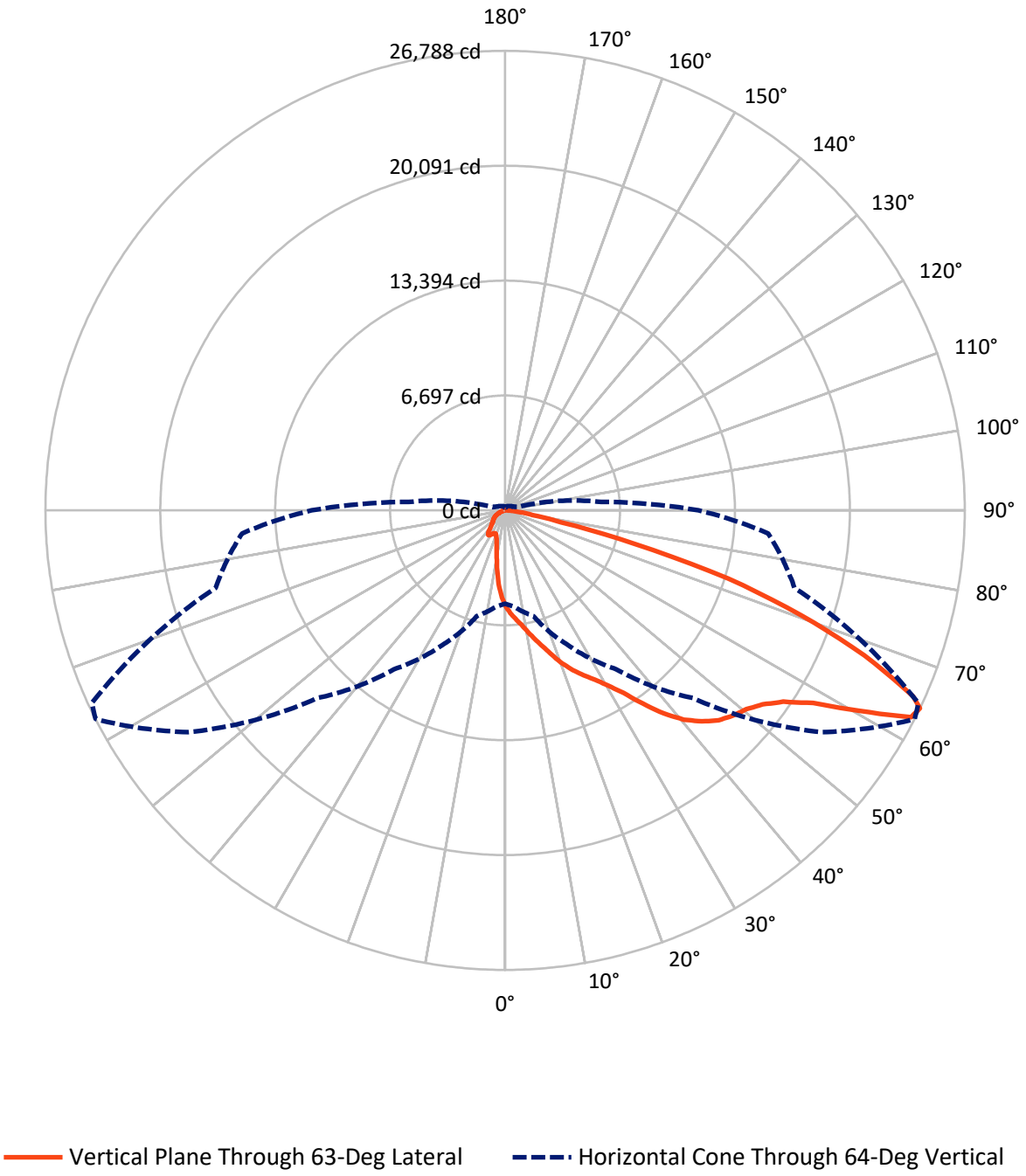
Luminous Intensity Polar Plot



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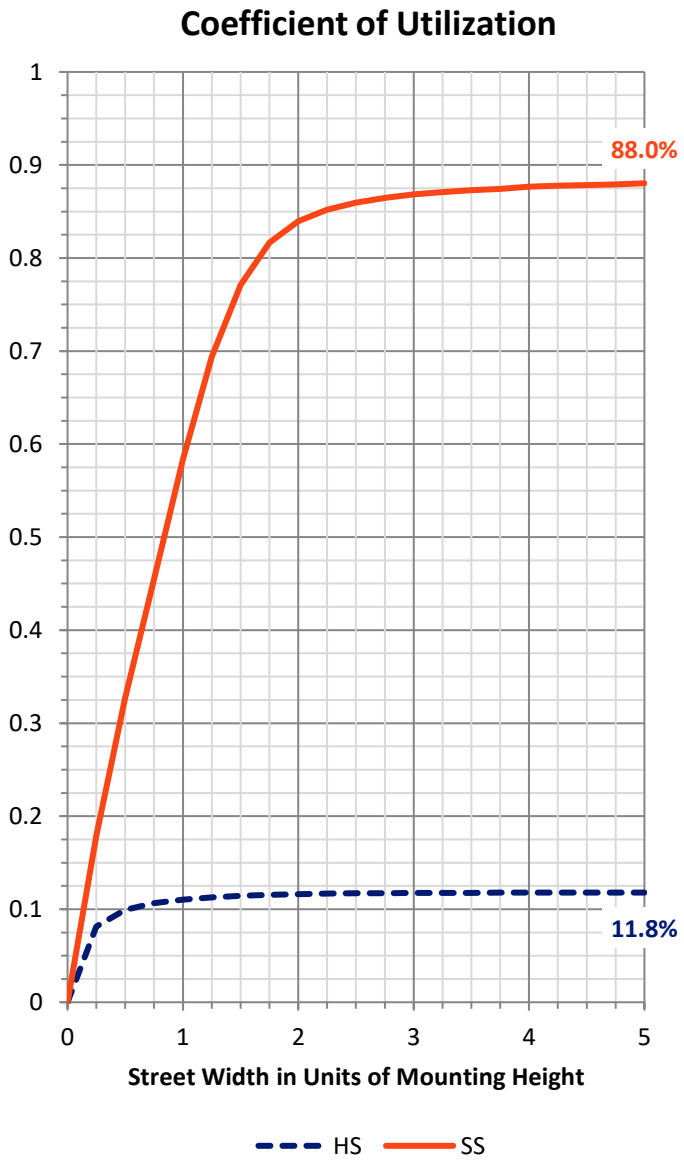
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4112.1	0.0	4112.1
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	30540.2	0.0	30540.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	34652.3	0.0	34652.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	471.8	1.4
10°-20°	1325.9	3.8
20°-30°	2361.4	6.8
30°-40°	4510.2	13.0
40°-50°	7476.0	21.6
50°-60°	9318.9	26.9
60°-70°	6948.7	20.1
70°-80°	1992.9	5.8
80°-90°	246.4	0.7
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°	34652.3	100.0
0°-180°	34652.3	100.0



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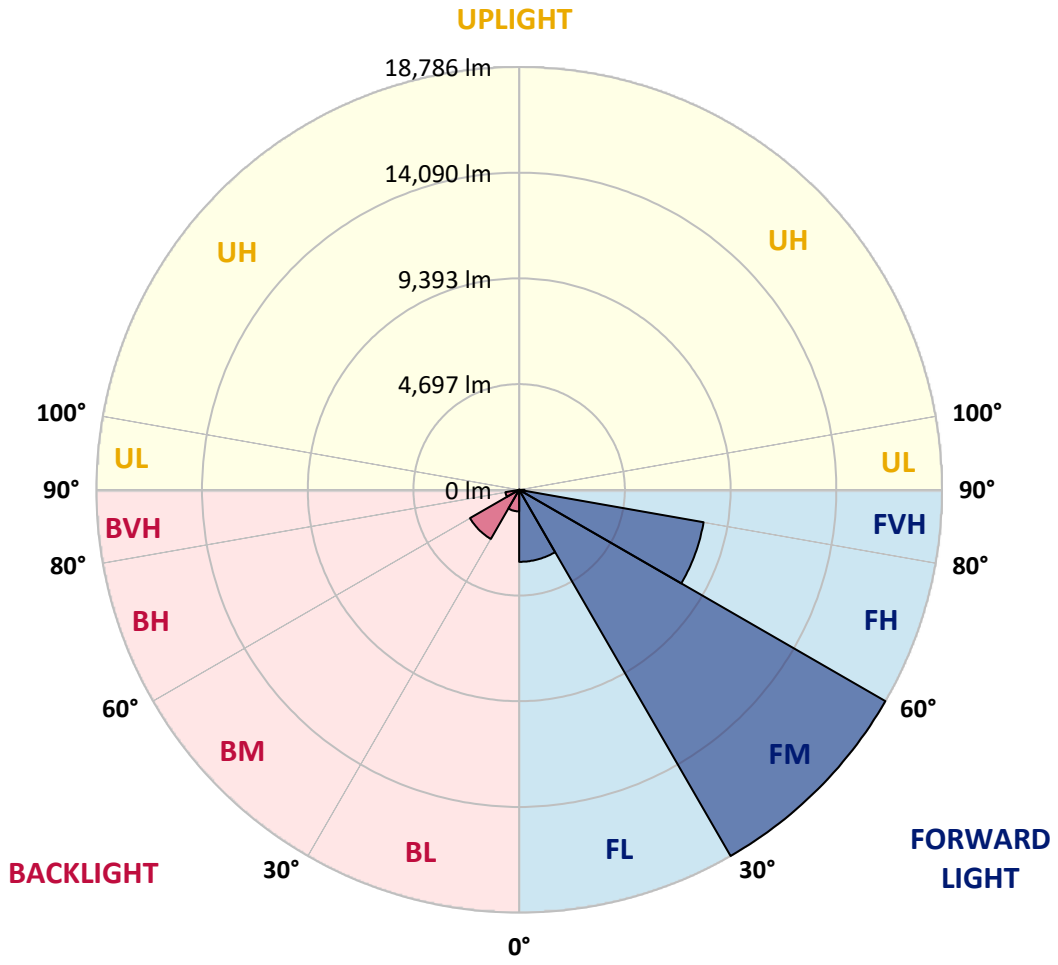
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3199.7	9.2			
FM	(30°-60°)	18786.4	54.2			
FH	(60°-80°)	8319.7	24.0			G4/12000
FVH	(80°-90°)	234.3	0.7			G3/500
BL	(0°-30°)	959.4	2.8	B2/1000		
BM	(30°-60°)	2518.7	7.3	B3/5000		
BH	(60°-80°)	621.9	1.8	B2/1000		G2/1000
BVH	(80°-90°)	12.1	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	*5602.9*	5602.9	5602.9	5602.9
2.5°	6278.5	6257.7	6236.9	6205.8	6164.2	6122.6	6070.6	*5997.9*	5966.7	5862.7	5738.0
5°	6600.8	6600.8	6590.4	6569.6	6548.8	6507.2	6444.8	*6351.3*	6309.7	6164.2	5945.9
7.5°	6683.9	6694.3	6725.5	6767.1	6829.5	6819.1	6819.1	*6715.1*	6694.3	6538.4	6247.3
10°	6538.4	6548.8	6632.0	6746.3	6933.4	7110.1	7234.9	*7172.5*	7141.3	6985.4	6621.6
12.5°	6330.5	6330.5	6465.6	6642.3	6933.4	7266.0	7629.9	*7692.2*	7702.6	7525.9	7089.3
15°	5790.0	5810.8	6029.0	6382.5	6860.6	7380.4	7993.7	*8232.8*	8295.1	8180.8	7661.0
17.5°	5072.7	5093.5	5311.8	5790.0	6507.2	7380.4	8305.5	*8856.5*	8939.6	8960.4	8388.7
20°	4771.3	4771.3	4896.0	5259.8	6008.3	7182.9	8492.6	*9521.7*	9708.8	9937.5	9189.1
22.5°	4812.8	4812.8	4885.6	5093.5	5696.4	6912.6	8607.0	*10114.2*	10498.9	11081.0	10218.2
25°	5041.5	5041.5	5103.9	5239.0	5727.6	6871.0	8825.3	*10644.4*	11257.7	12359.5	11392.8
27.5°	5405.4	5395.0	5446.9	5582.1	6029.0	7068.5	9189.1	*11174.5*	11860.6	13794.0	12744.2
30°	5935.5	5904.3	5925.1	6081.0	6517.6	7525.9	9719.2	*11850.2*	12546.7	15363.7	14241.0
32.5°	7162.1	7151.7	6850.2	6767.1	7234.9	8264.0	10446.9	*12692.2*	13471.8	17026.9	15779.5
35°	9376.2	9521.7	9095.5	8004.1	8097.6	9251.5	11486.4	*13835.6*	14552.9	18794.0	17453.1
37.5°	11621.5	11621.5	11444.8	10155.8	9500.9	10342.9	12609.0	*15010.3*	15758.7	20218.1	19064.3
40°	13399.0	13492.6	13284.7	12318.0	11465.6	11590.3	13731.7	*16039.3*	16725.4	21091.3	20207.7
42.5°	14719.2	14698.4	14615.2	13981.2	13503.0	13222.3	14750.4	*16808.6*	17463.5	21538.3	20925.0
45°	16143.3	16143.3	16029.0	15509.2	15114.2	14875.1	15509.2	*17453.1*	18139.1	21808.5	21371.9
47.5°	17629.8	17609.0	17494.6	16922.9	16496.7	16143.3	16278.4	*17868.9*	18554.9	21631.8	21444.7
50°	17993.6	17972.8	18232.7	18253.5	17868.9	17193.2	16891.7	*18222.3*	18825.2	21642.2	21673.4
52.5°	17567.4	17692.1	18076.8	18544.5	18981.1	18274.3	17546.6	*18783.6*	19407.3	21933.3	22245.1
55°	16507.1	16559.1	17297.1	18045.6	19064.3	19313.7	18596.5	*19677.6*	20228.5	22213.9	22754.5
57.5°	14532.1	14729.6	15519.6	16819.0	18367.8	19407.3	20426.0	*21174.4*	21590.2	22328.3	22473.8
60°	10966.6	11070.6	12785.7	14469.7	16922.9	18658.9	22130.8	*23710.8*	23658.8	21039.3	20509.2
62.5°	6673.5	6767.1	7993.7	10665.2	13752.5	17099.6	22702.5	*26548.6*	26267.9	18866.8	17265.9
64°	*5436.5*	*5613.3*	*6372.1*	*8659.0*	*11309.7*	*15467.6*	*22536.2*	*26787.7*	*26569.4*	*17463.5*	*15384.5*
65°	4646.5	4885.6	5665.2	7515.5	9615.3	13710.9	22078.8	*26122.4*	25976.9	16611.1	13825.2
67.5°	2921.0	3035.3	4189.1	5841.9	6621.6	8773.3	18981.1	*22588.1*	22848.0	14802.4	10197.4
70°	2172.5	2224.5	2879.4	4521.8	5166.3	5103.9	13035.2	*18295.0*	18357.4	11839.8	6153.8
72.5°	1580.0	1590.4	2016.6	3347.2	4043.6	3482.3	6871.0	*13596.5*	13149.6	6933.4	3357.6
75°	1049.9	1091.5	1413.7	2359.6	3149.7	2557.1	3128.9	*7744.2*	7609.1	3388.7	1923.1
77.5°	769.2	779.6	956.3	1580.0	2474.0	1881.5	1891.9	*3336.8*	3440.7	2016.6	1216.2
80°	436.6	457.4	623.7	966.7	1611.2	1289.0	1060.3	*1611.2*	1850.3	1372.1	810.8
82.5°	259.9	280.7	447.0	634.1	1101.9	530.1	540.5	*883.6*	1101.9	987.5	436.6
85°	155.9	166.3	280.7	343.0	654.9	353.4	197.5	*436.6*	571.7	582.1	239.1
87.5°	103.9	103.9	155.9	145.5	187.1	166.3	83.2	*114.3*	145.5	197.5	93.6
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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REPORT NUMBER: P1457797
CATALOG NUMBER: GLAN-SB7C-830-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9	5602.9
2.5°	5634.0	5571.7	5384.6	5135.1	4906.4	4729.7	4511.4	4365.9	4230.7	4230.7	4116.4
5°	5769.2	5602.9	5145.5	4573.8	3960.5	3378.3	3004.1	2588.3	2453.2	2338.9	2359.6
7.5°	5997.9	5696.4	4885.6	3856.5	2879.4	2255.7	1839.9	1652.8	1569.6	1517.7	1528.1
10°	6278.5	5862.7	4573.8	3128.9	2120.6	1652.8	1455.3	1382.5	1351.3	1340.9	1340.9
12.5°	6663.1	6060.2	4261.9	2515.6	1673.6	1424.1	1320.2	1278.6	1247.4	1226.6	1226.6
15°	7120.5	6309.7	3898.1	2068.6	1465.7	1309.8	1226.6	1185.0	1143.4	1133.0	1133.0
17.5°	7702.6	6569.6	3575.8	1777.5	1361.7	1226.6	1143.4	1091.5	1060.3	1049.9	1049.9
20°	8347.1	6891.8	3253.6	1611.2	1289.0	1143.4	1060.3	1018.7	987.5	966.7	977.1
22.5°	9168.3	7297.2	3045.7	1528.1	1226.6	1070.7	987.5	945.9	914.8	894.0	904.4
25°	10072.7	7806.6	2931.4	1528.1	1185.0	1018.7	925.1	883.6	852.4	831.6	831.6
27.5°	11174.5	8378.3	2941.8	1590.4	1174.6	977.1	873.2	831.6	800.4	769.2	769.2
30°	12390.7	9054.0	3056.1	1704.8	1195.4	935.5	831.6	769.2	748.4	717.2	717.2
32.5°	13679.7	9833.6	3347.2	1850.3	1174.6	883.6	769.2	717.2	686.1	665.3	665.3
35°	15041.4	10717.2	3711.0	1912.7	1070.7	810.8	717.2	665.3	644.5	634.1	623.7
37.5°	16340.8	11486.4	3908.5	1787.9	935.5	748.4	654.9	602.9	592.5	571.7	571.7
40°	17349.1	12120.5	3794.1	1528.1	862.8	686.1	602.9	550.9	530.1	509.4	509.4
42.5°	17941.6	12349.2	3378.3	1299.4	810.8	623.7	550.9	499.0	478.2	467.8	467.8
45°	18284.6	12318.0	2889.8	1164.2	758.8	571.7	499.0	467.8	436.6	426.2	415.8
47.5°	18274.3	11995.7	2536.4	1049.9	706.9	530.1	467.8	436.6	405.4	395.0	395.0
50°	18201.5	11517.6	2141.4	966.7	665.3	499.0	436.6	415.8	384.6	374.2	363.8
52.5°	18378.2	11247.3	1787.9	914.8	613.3	478.2	426.2	395.0	353.4	343.0	343.0
55°	18596.5	11091.4	1434.5	862.8	571.7	467.8	405.4	374.2	332.6	322.2	322.2
57.5°	17962.4	10498.9	1185.0	779.6	519.7	447.0	384.6	363.8	322.2	291.1	291.1
60°	15966.6	8679.8	977.1	686.1	478.2	415.8	363.8	332.6	291.1	249.5	249.5
62.5°	12983.2	6621.6	810.8	582.1	447.0	384.6	332.6	301.5	249.5	197.5	197.5
64°	*11278.5*	*5623.6*	*727.6*	*509.4*	*426.2*	*353.4*	*301.5*	*270.3*	*218.3*	*166.3*	*155.9*
65°	10114.2	4968.8	675.7	478.2	415.8	332.6	291.1	259.9	197.5	155.9	145.5
67.5°	7120.5	3336.8	540.5	395.0	363.8	280.7	249.5	218.3	176.7	135.1	124.7
70°	4147.6	1891.9	426.2	332.6	280.7	218.3	207.9	197.5	155.9	103.9	103.9
72.5°	2255.7	945.9	322.2	270.3	218.3	155.9	176.7	155.9	124.7	83.2	72.8
75°	1382.5	582.1	239.1	197.5	145.5	114.3	135.1	114.3	72.8	52.0	41.6
77.5°	925.1	374.2	176.7	135.1	93.6	72.8	93.6	62.4	31.2	10.4	10.4
80°	571.7	259.9	114.3	83.2	52.0	31.2	20.8	10.4	10.4	0.0	0.0
82.5°	249.5	166.3	62.4	41.6	20.8	10.4	10.4	0.0	0.0	0.0	0.0
85°	135.1	52.0	20.8	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.6	20.8	10.4	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

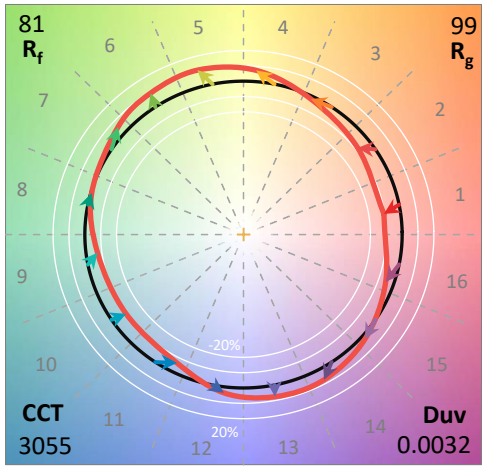
Test Information

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

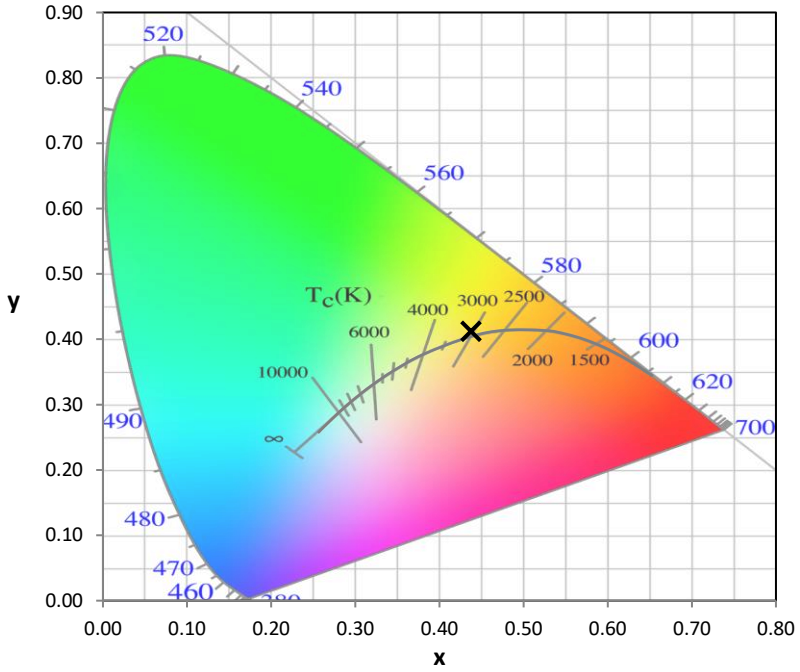
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

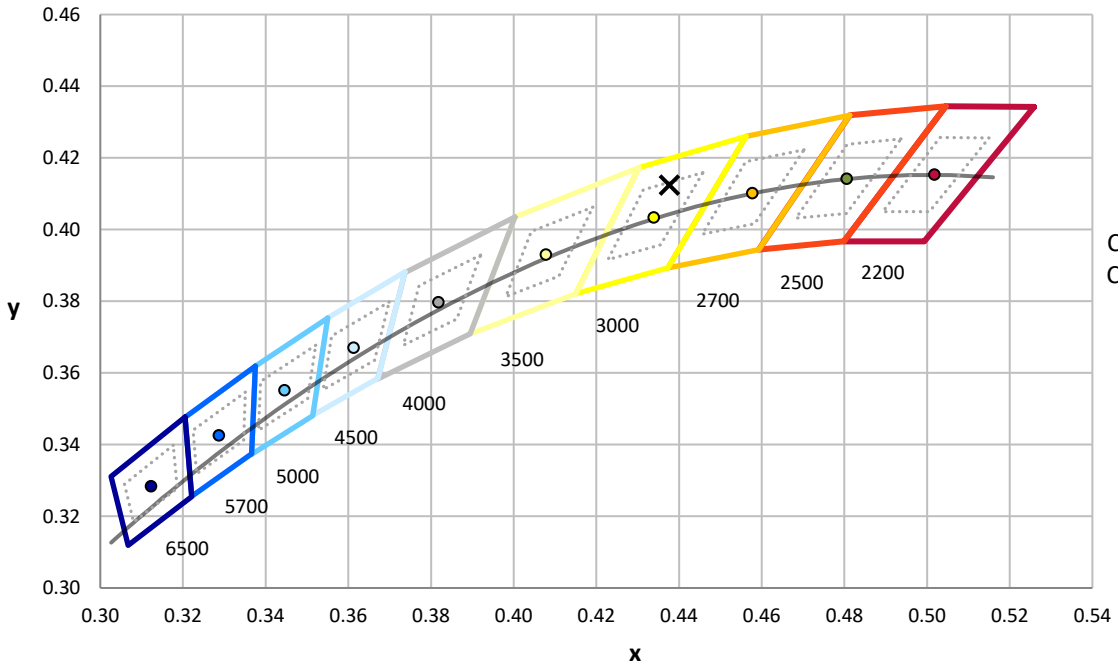
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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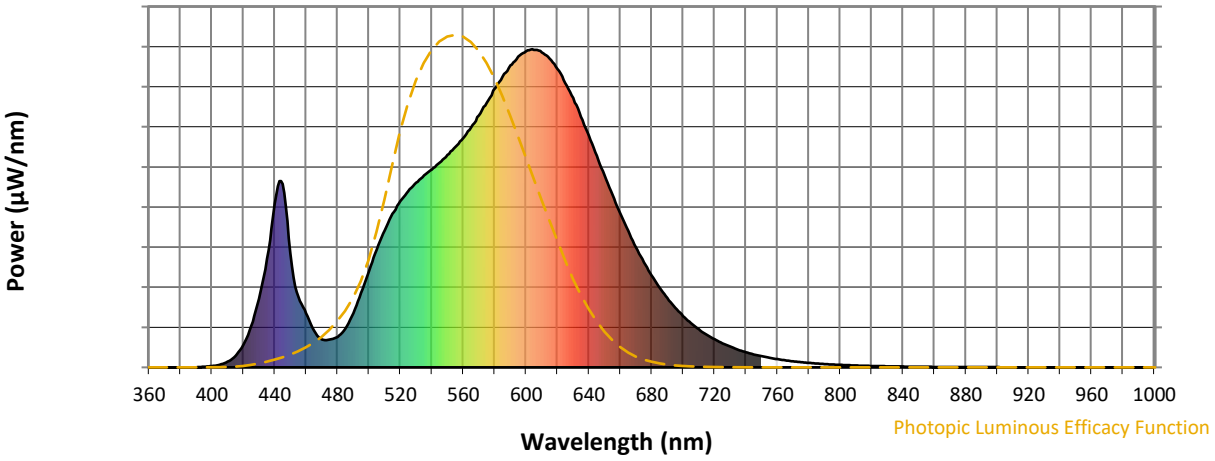
Photopic Flux vs. Wavelength



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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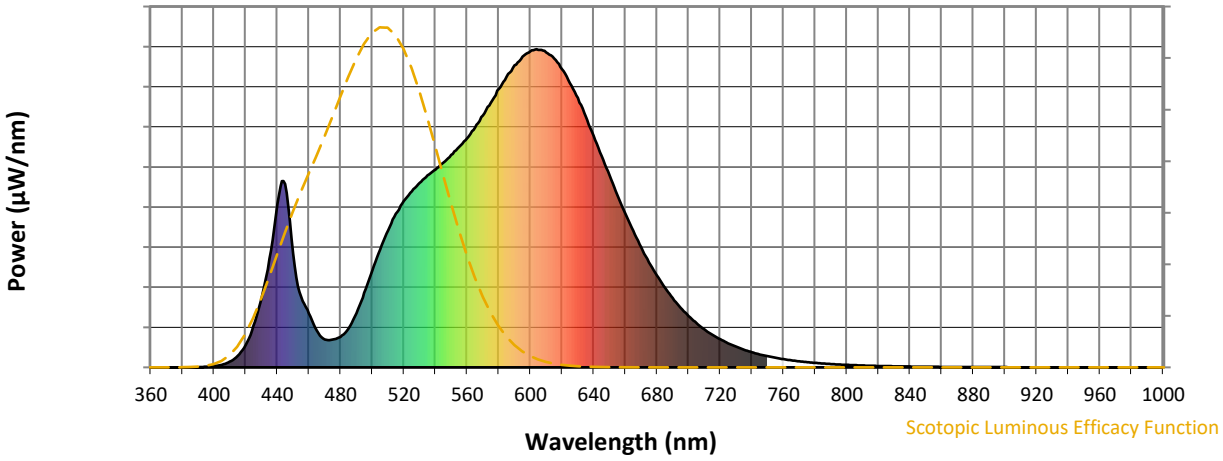
Scotopic Flux vs. Wavelength



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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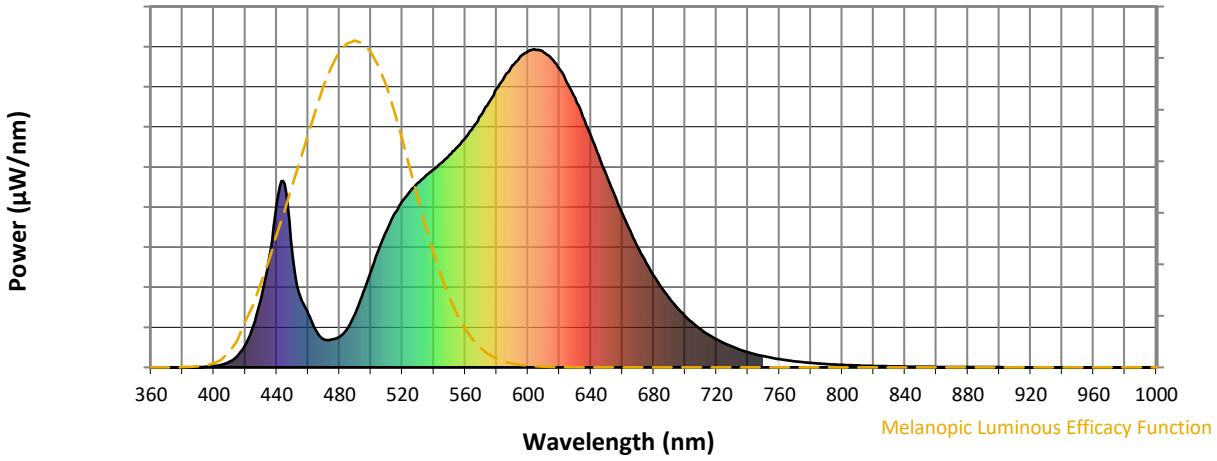
Melanopic Flux vs. Wavelength



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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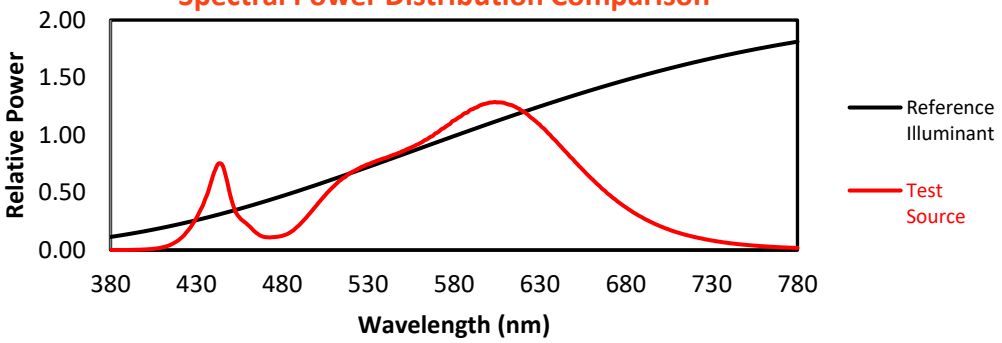
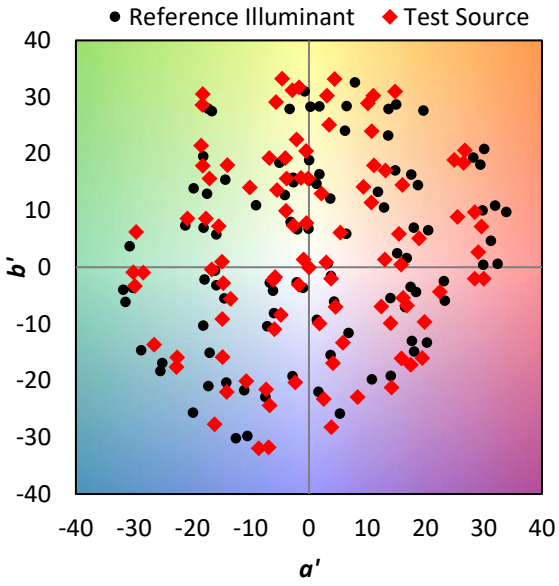
Summary

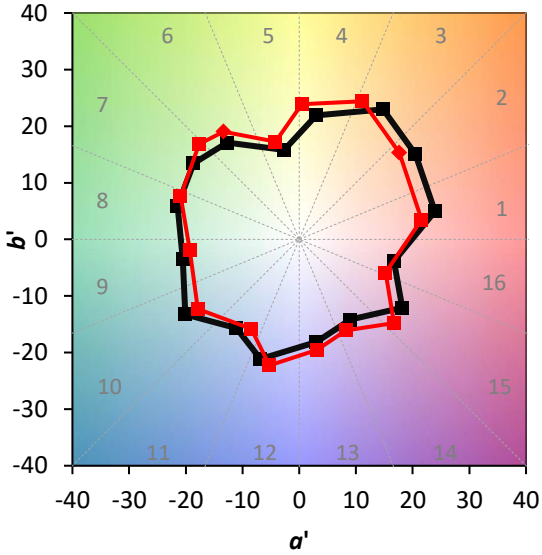
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

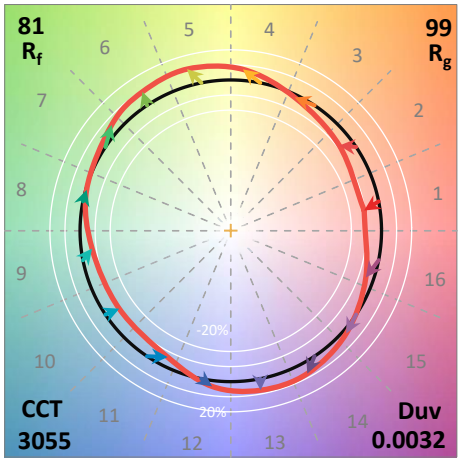
Spectral Power Distribution Comparison

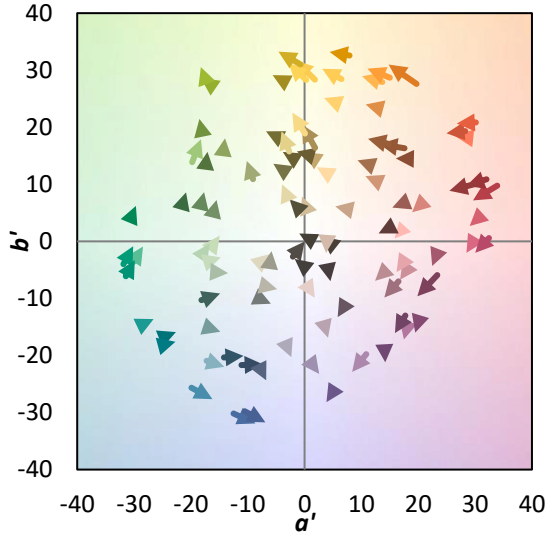


Color Vector Graphics









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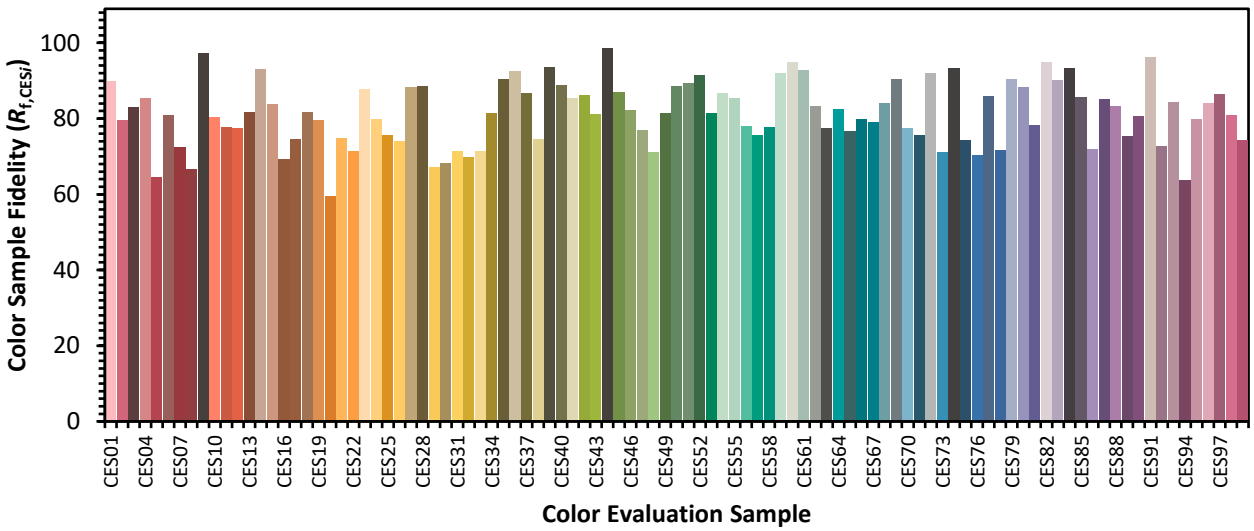
Individual Sample Fidelity Index ($R_{f,i}$)

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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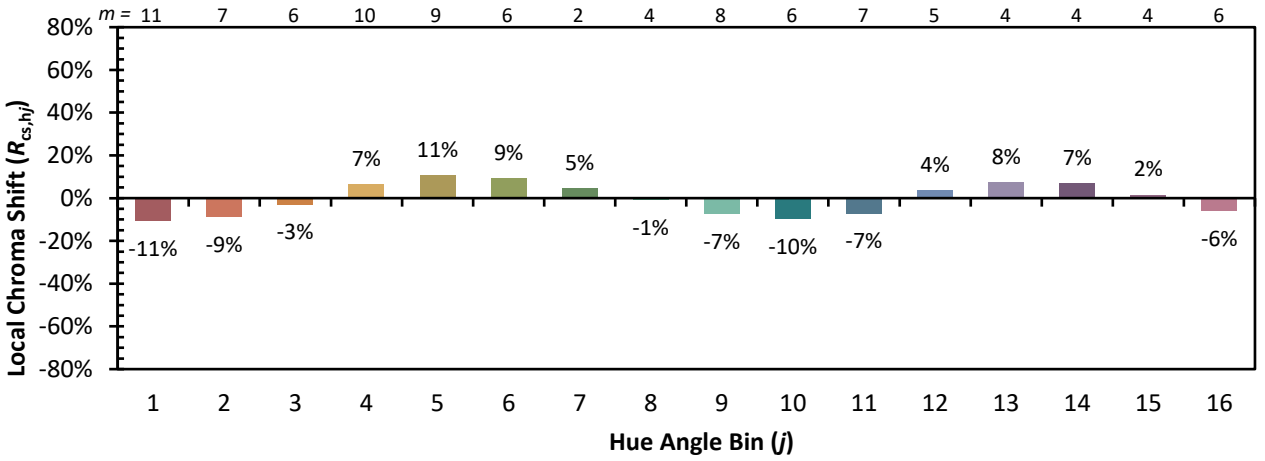
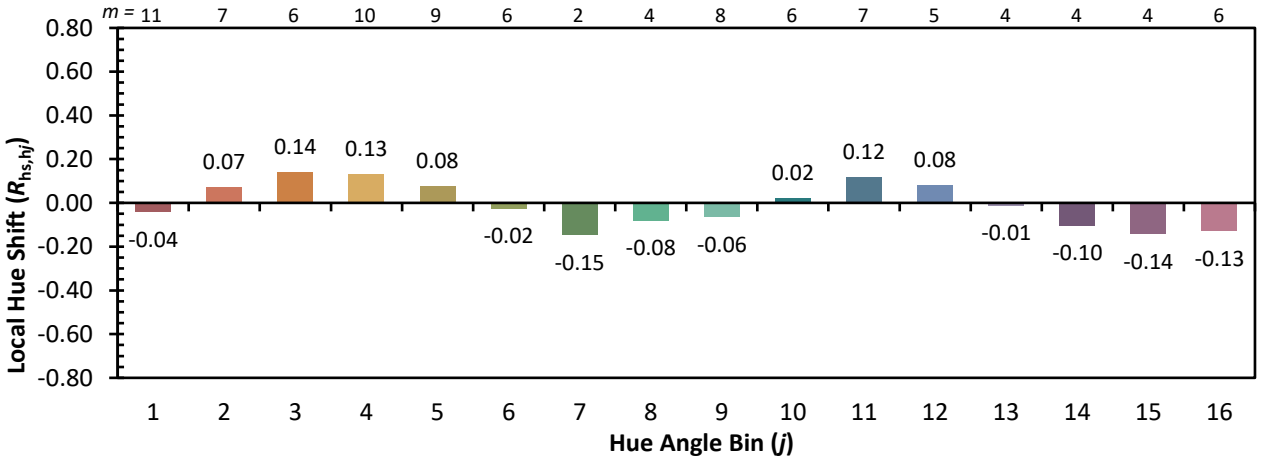
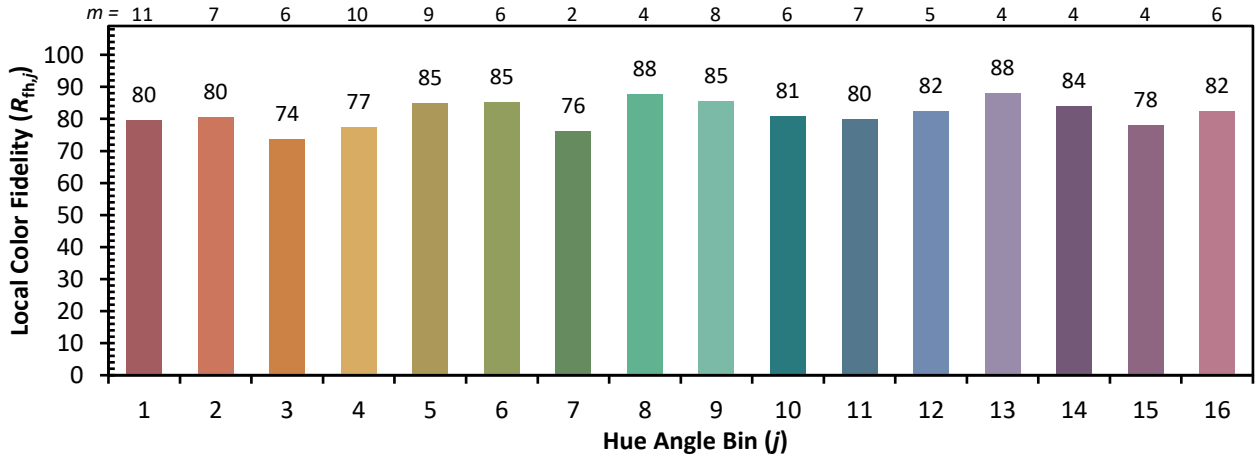
Color Rendition by Hue-Angle Bin







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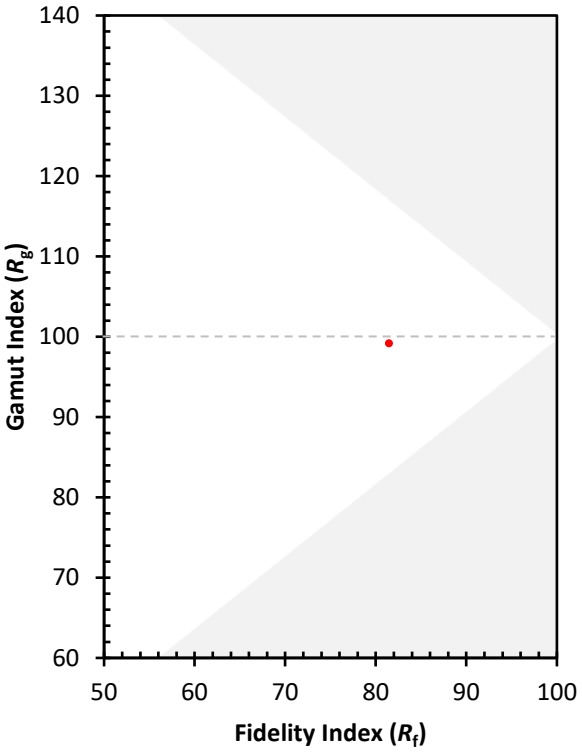
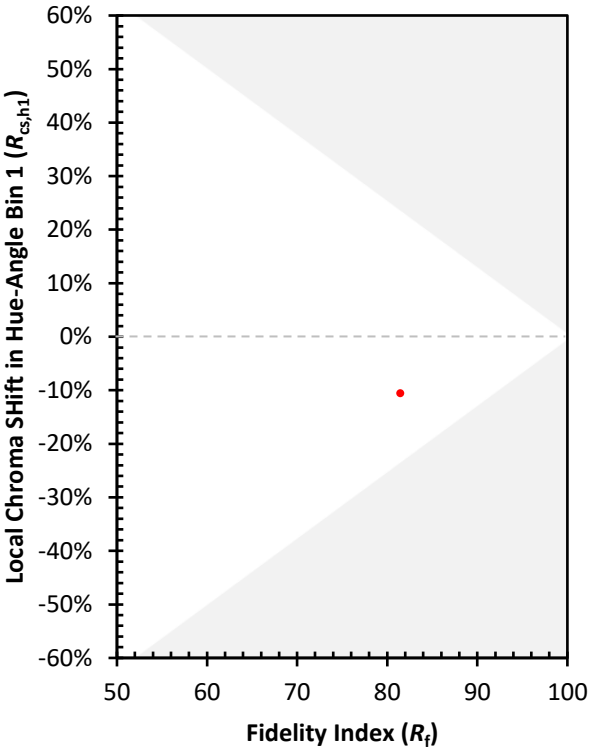
Measure Comparisons





(END OF REPORT)