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: P1457263

Luminaire Tested: GLAN-SB9A-835-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:	P1457263
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-835-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(234) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37100.9 lumens
Efficiency:	N/A
Efficacy:	145.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	255.5
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: P1457263
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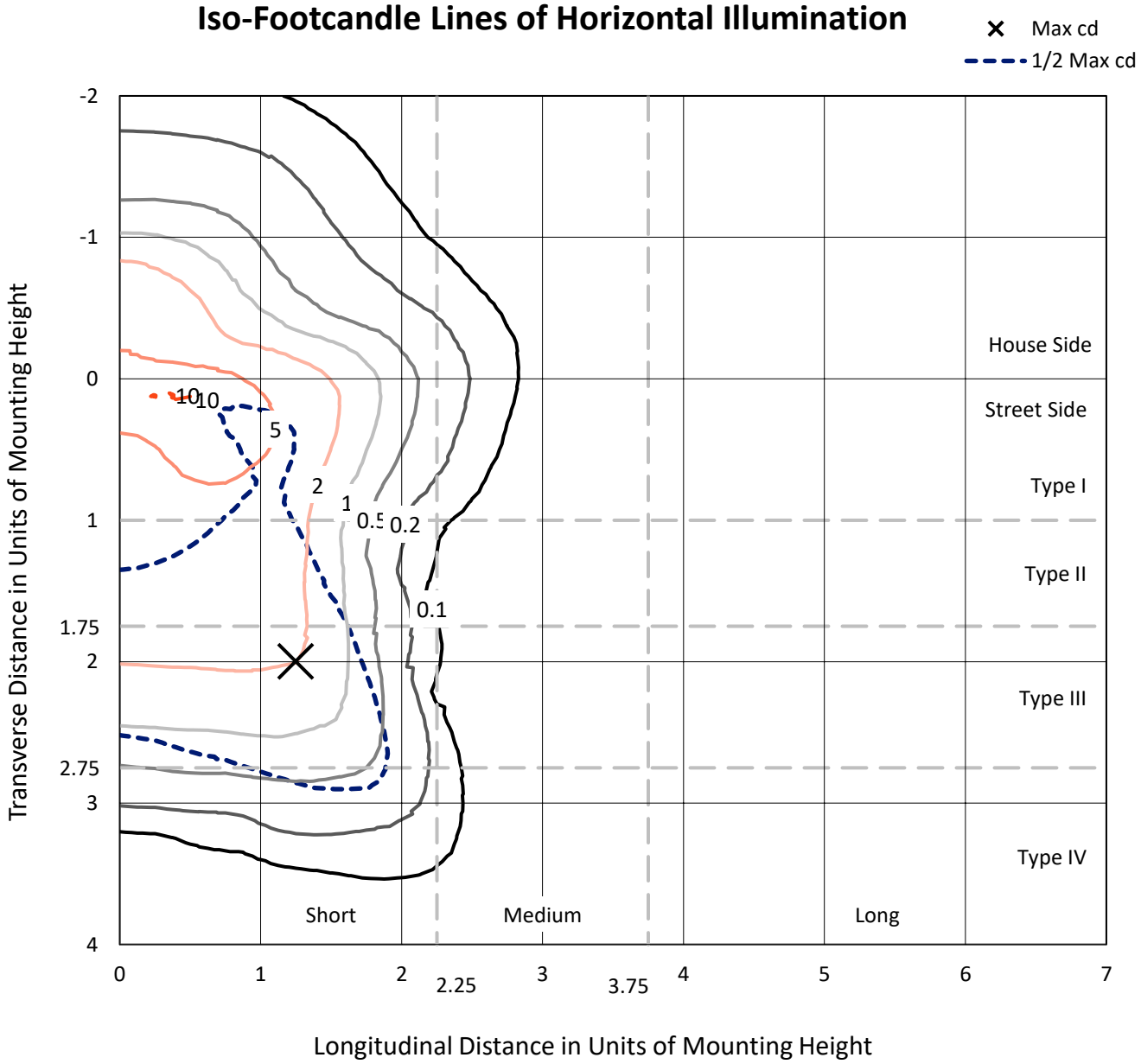
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Short - N/A

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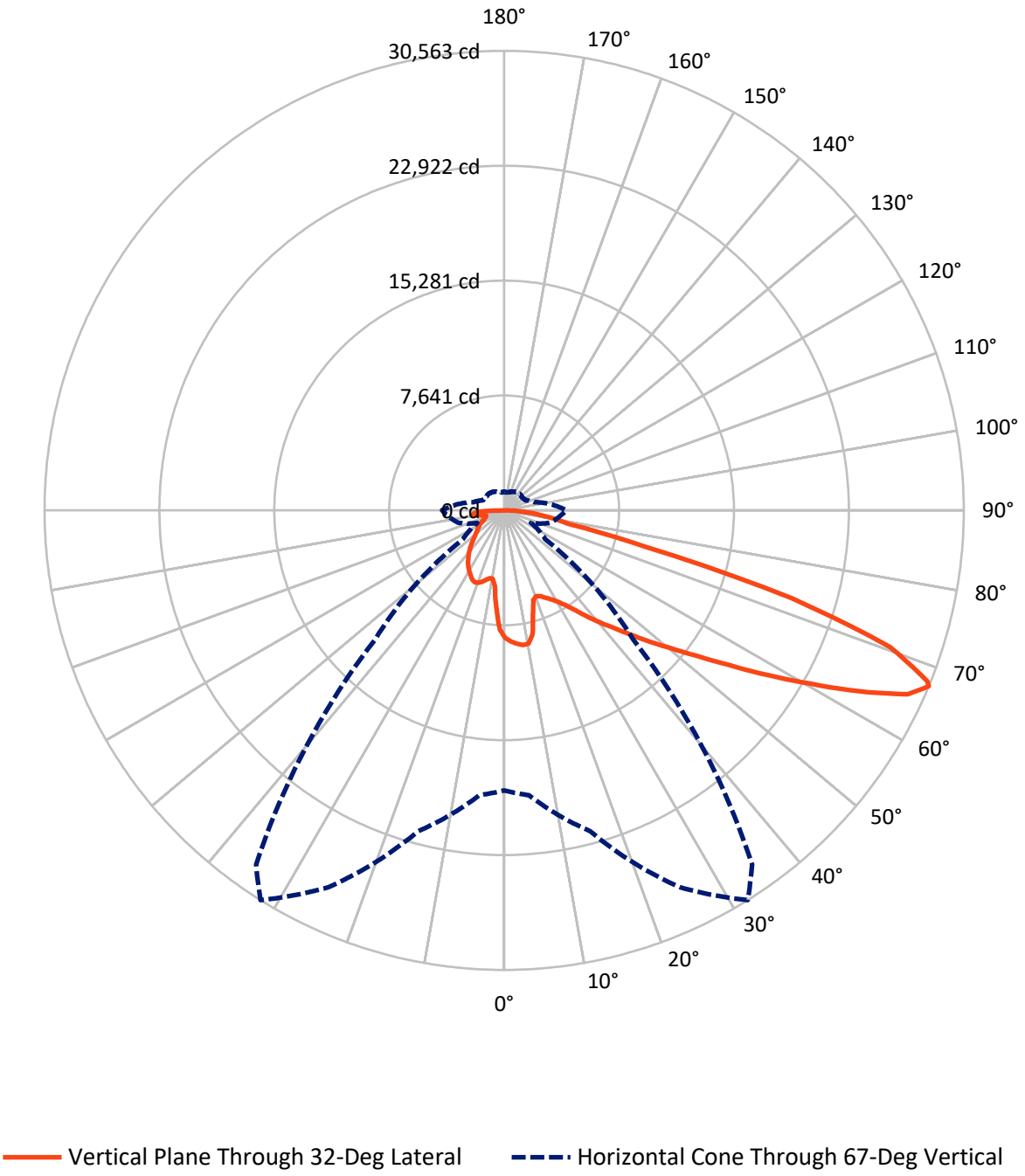
Luminous Intensity Polar Plot



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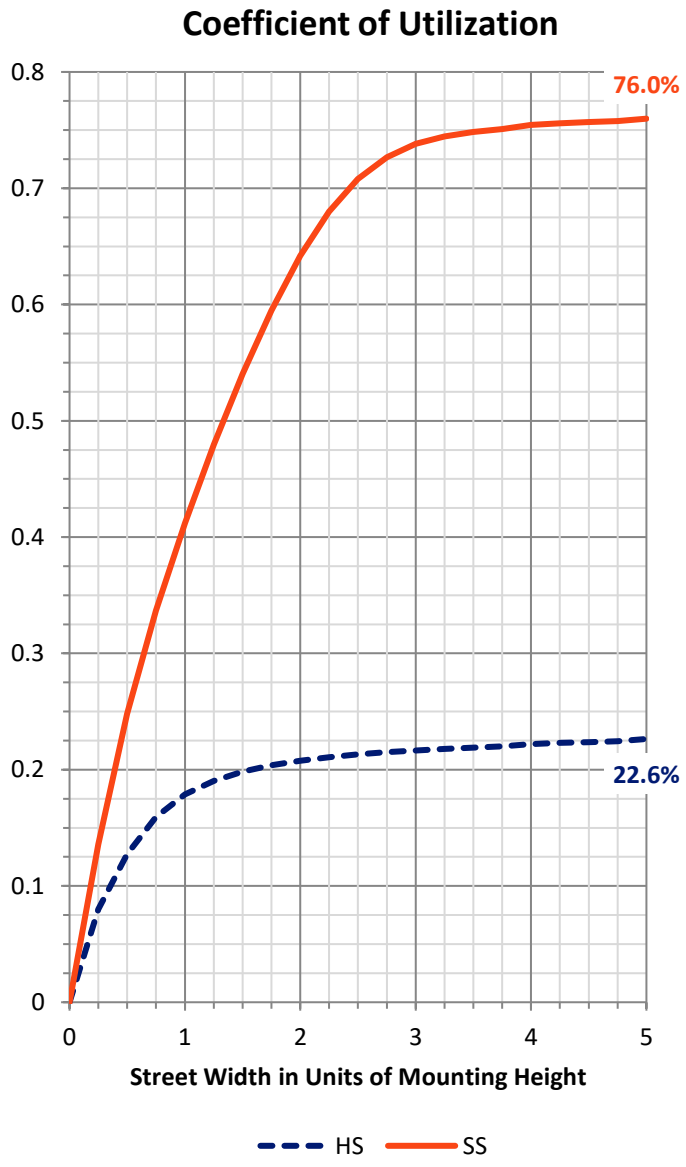
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8783.5	0.0	8783.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	28317.4	0.0	28317.4
	% Fixture	76.3	0.0	76.3
Total	Lumens	37100.9	0.0	37100.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	740.7	2.0
10°-20°	1966.5	5.3
20°-30°	3211.4	8.7
30°-40°	4733.4	12.8
40°-50°	6527.5	17.6
50°-60°	8246.3	22.2
60°-70°	7980.9	21.5
70°-80°	2848.3	7.7
80°-90°	845.8	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°	37100.9	100.0
0°-180°	37100.9	100.0



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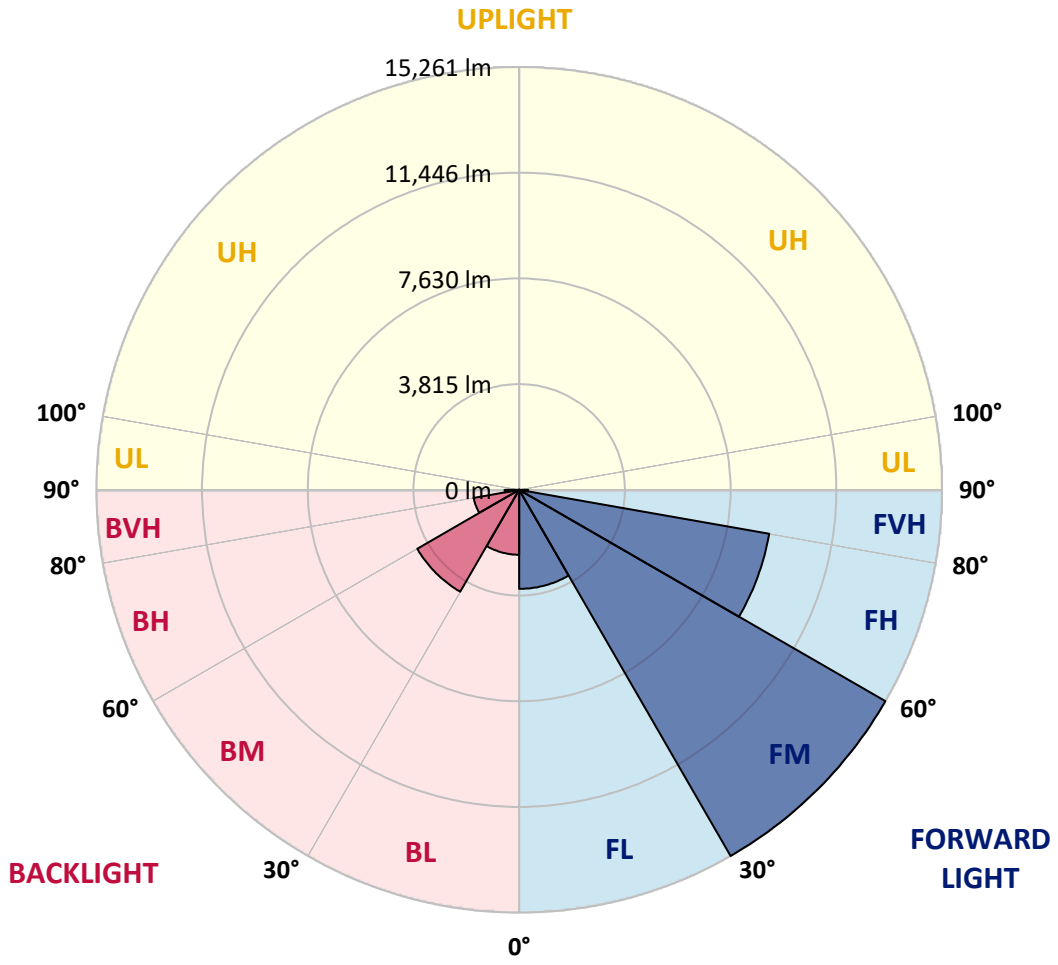
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3574.7	9.6			
FM	(30°-60°)	15260.8	41.1			
FH	(60°-80°)	9163.1	24.7			G4/12000
FVH	(80°-90°)	318.7	0.9			G3/500
BL	(0°-30°)	2343.9	6.3	B3/2500		
BM	(30°-60°)	4246.4	11.4	B3/5000		
BH	(60°-80°)	1666.1	4.5	B3/2500		G3/2500
BVH	(80°-90°)	527.1	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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REPORT NUMBER: P1457263
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	8476.8	8476.8	8476.8	8476.8	*8476.8*	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8
2.5°	8798.1	8773.4	8748.7	8765.1	*8732.2*	8723.9	8682.8	8666.3	8616.9	8608.6	8518.0
5°	8979.3	8929.9	8921.7	8938.1	*8905.2*	8905.2	8872.2	8847.5	8773.4	8732.2	8600.4
7.5°	8979.3	8971.1	8987.6	9045.2	*9053.5*	9053.5	9053.5	9061.7	8987.6	8929.9	8723.9
10°	8468.6	8386.2	8567.4	8855.8	*8995.8*	9078.2	9226.5	9317.1	9259.4	9218.2	8938.1
12.5°	6944.6	6952.8	7241.1	7859.0	*8419.1*	8658.0	9275.9	9605.4	9630.1	9564.2	9210.0
15°	5890.1	5931.3	6079.6	6524.4	*7167.0*	7521.2	8987.6	9860.8	10058.5	9992.6	9539.5
17.5°	5568.8	5593.5	5659.4	5914.8	*6277.3*	6565.6	8205.0	10025.5	10577.5	10495.1	9910.2
20°	5519.4	5535.9	5618.3	5832.4	*6079.6*	6244.3	7405.9	9893.7	11063.5	11030.6	10248.0
22.5°	5527.6	5544.1	5651.2	5947.8	*6203.1*	6343.2	7150.5	9588.9	11574.3	11607.2	10594.0
25°	5544.1	5552.4	5717.1	6112.5	*6433.8*	6606.8	7315.3	9317.1	12002.6	12282.7	10972.9
27.5°	5634.7	5659.4	5881.9	6326.7	*6705.7*	6903.4	7702.4	9407.7	12472.2	13048.8	11426.0
30°	5881.9	5898.3	6170.2	6631.5	*7043.4*	7249.4	8163.8	9770.2	13048.8	13839.7	11870.8
32.5°	6269.0	6285.5	6598.6	7076.4	*7521.2*	7768.3	8765.1	10462.1	13691.4	14671.7	12315.7
35°	6804.5	6812.8	7167.0	7677.7	*8147.3*	8427.4	9465.4	11244.7	14358.7	15380.2	12645.2
37.5°	7438.8	7496.5	7859.0	8394.4	*8946.4*	9201.7	10289.1	12159.2	14951.8	15981.5	12834.7
40°	8312.0	8328.5	8682.8	9201.7	*9786.6*	10033.8	11112.9	13024.1	15602.6	16335.8	13007.7
42.5°	9210.0	9350.0	9646.6	10223.2	*10659.9*	10857.6	12052.1	13815.0	16121.6	16352.2	12933.5
45°	10412.7	10519.8	10816.4	11327.1	*11763.7*	11994.4	13065.3	14539.9	16385.2	16212.2	12768.8
47.5°	11788.4	11854.4	12093.2	12554.6	*13040.6*	13205.4	14119.8	14951.8	16484.1	16113.3	12694.6
50°	13411.3	13411.3	13584.3	13979.7	*14424.6*	14655.2	15091.8	15198.9	16772.4	15940.4	12884.1
52.5°	14778.8	14844.7	15075.4	15635.6	*16080.4*	16344.0	15849.7	15577.9	16187.5	14976.5	12941.8
55°	16088.6	16162.8	16681.8	17382.0	*18139.9*	18428.2	16797.1	15388.4	14218.6	13567.8	12546.3
57.5°	17340.8	17497.3	18148.1	19515.6	*20660.7*	20636.0	17999.8	13691.4	11607.2	12010.9	11681.4
60°	19087.2	19252.0	20290.0	22011.7	*23412.1*	22827.2	18016.3	11393.0	9045.2	9588.9	10058.5
62.5°	20545.3	20825.4	22349.4	25216.2	*26501.4*	25586.9	16525.2	8723.9	6005.4	6689.2	7776.6
65°	20413.5	20784.2	23148.5	27572.3	*29491.7*	28643.2	14342.2	5519.4	3097.5	4572.0	5445.3
67°	*18617.7*	*19021.3*	*22085.8*	*27654.7*	*30562.6*	*28750.3*	*12109.7*	*3336.4*	*1968.9*	*3171.6*	*3781.2*
67.5°	17587.9	18181.1	21558.6	27498.1	*30364.9*	28297.2	11104.7	2792.7	1853.5	2949.2	3443.4
70°	10816.4	11772.0	16179.3	24310.1	*27218.0*	23684.0	6170.2	1581.7	1507.5	1977.1	2380.8
72.5°	3254.0	3542.3	6244.3	15594.4	*19976.9*	17555.0	2776.2	1219.2	1351.0	1589.9	1837.1
75°	1581.7	1688.8	2578.5	6376.1	*9729.0*	9679.5	1548.7	1046.2	1252.2	1334.5	1449.9
77.5°	1013.3	1079.2	1606.4	3567.0	*4456.7*	3970.7	1120.4	914.4	1112.1	1095.6	1079.2
80°	634.3	667.3	1029.7	2067.7	*3286.9*	2743.2	823.8	749.6	955.6	848.5	766.1
82.5°	411.9	453.1	659.0	1260.4	*2347.8*	2043.0	543.7	535.5	790.8	675.5	593.1
85°	271.9	304.8	420.1	741.4	*1392.2*	1458.1	354.2	370.7	609.6	510.8	453.1
87.5°	98.9	123.6	214.2	329.5	*650.8*	807.3	148.3	140.0	296.6	238.9	189.5
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

REPORT NUMBER: P1457263
CATALOG NUMBER: GLAN-SB9A-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8	8476.8
2.5°	8501.5	8476.8	8361.5	8262.6	8188.5	8089.6	7982.5	7859.0	7776.6	7793.1	7768.3
5°	8542.7	8476.8	8254.4	7916.6	7587.1	7175.2	6648.0	6335.0	6096.1	5972.5	6005.4
7.5°	8633.3	8518.0	8048.4	7364.7	6507.9	5667.7	5148.7	4852.1	4712.1	4654.4	4646.2
10°	8789.8	8592.1	7784.8	6507.9	5387.6	4819.2	4629.7	4547.3	4530.8	4530.8	4522.6
12.5°	8979.3	8666.3	7340.0	5675.9	4852.1	4646.2	4613.2	4621.5	4646.2	4670.9	4629.7
15°	9210.0	8699.2	6788.0	5173.4	4745.0	4695.6	4745.0	4802.7	4843.9	4876.8	4835.7
17.5°	9440.6	8666.3	6269.0	4934.5	4761.5	4827.4	4926.3	5016.9	5041.6	5091.0	5058.1
20°	9605.4	8550.9	5824.2	4843.9	4802.7	4951.0	5074.6	5173.4	5222.8	5255.8	5222.8
22.5°	9729.0	8402.7	5502.9	4753.3	4802.7	4983.9	5132.2	5247.5	5305.2	5338.2	5297.0
25°	9836.1	8196.7	5255.8	4621.5	4703.8	4876.8	5041.6	5156.9	5239.3	5288.7	5264.0
27.5°	9967.9	8032.0	5025.1	4423.8	4497.9	4662.7	4835.7	4975.7	5132.2	5214.6	5198.1
30°	10116.2	7949.6	4802.7	4209.6	4259.0	4423.8	4629.7	4819.2	5033.4	5140.5	5140.5
32.5°	10289.1	7891.9	4596.8	4003.6	4044.8	4226.0	4423.8	4596.8	4827.4	5000.4	4992.2
35°	10363.3	7826.0	4432.0	3814.2	3896.5	4044.8	4201.3	4316.7	4555.6	4761.5	4778.0
37.5°	10437.4	7801.3	4349.6	3665.9	3731.8	3847.1	3929.5	3987.1	4209.6	4423.8	4432.0
40°	10528.0	7916.6	4407.3	3567.0	3509.3	3624.7	3665.9	3698.8	3814.2	3954.2	3954.2
42.5°	10470.4	7999.0	4539.1	3476.4	3237.5	3369.3	3385.8	3377.5	3385.8	3394.0	3385.8
45°	10322.1	7916.6	4539.1	3336.4	2949.2	3089.2	3081.0	3039.8	2973.9	2800.9	2776.2
47.5°	10289.1	7867.2	4366.1	3105.7	2660.8	2776.2	2792.7	2710.3	2520.8	2339.6	2281.9
50°	10429.2	7957.8	4094.2	2825.6	2413.7	2512.6	2553.8	2413.7	2199.5	2010.0	1977.1
52.5°	10635.1	8073.2	3698.8	2520.8	2207.8	2306.6	2356.0	2199.5	1977.1	1828.8	1812.3
55°	10610.4	8073.2	3254.0	2240.7	2051.2	2125.4	2207.8	2043.0	1870.0	1787.6	1779.4
57.5°	10075.0	7768.3	2924.5	2043.0	1903.0	1968.9	2076.0	1919.4	1754.7	1771.2	1795.9
60°	9028.7	6977.5	2677.3	1911.2	1771.2	1837.1	1952.4	1771.2	1557.0	1499.3	1499.3
62.5°	7438.8	5750.1	2479.6	1779.4	1647.6	1730.0	1787.6	1548.7	1408.7	1342.8	1342.8
65°	5577.1	4448.5	2273.7	1672.3	1540.5	1631.1	1565.2	1449.9	1309.8	1260.4	1268.6
67°	*4135.4*	*3451.7*	*2100.7*	*1581.7*	*1474.6*	*1515.8*	*1466.3*	*1384.0*	*1243.9*	*1202.7*	*1243.9*
67.5°	3715.3	3278.7	2059.5	1557.0	1458.1	1491.1	1441.6	1375.7	1227.4	1186.3	1227.4
70°	2553.8	2520.8	1837.1	1441.6	1367.5	1334.5	1359.3	1276.9	1153.3	1136.8	1178.0
72.5°	1944.1	2010.0	1647.6	1342.8	1268.6	1227.4	1285.1	1202.7	1079.2	1103.9	1145.1
75°	1524.0	1622.9	1474.6	1202.7	1153.3	1161.5	1276.9	1243.9	1145.1	1169.8	1178.0
77.5°	1128.6	1309.8	1260.4	1046.2	1005.0	1120.4	1441.6	1540.5	1367.5	1326.3	1268.6
80°	823.8	939.1	1062.7	865.0	840.3	1079.2	1779.4	1968.9	1688.8	1524.0	1482.8
82.5°	609.6	659.0	873.2	692.0	609.6	963.8	1977.1	2314.9	2010.0	1697.0	1647.6
85°	436.6	510.8	692.0	510.8	403.7	790.8	1935.9	2265.4	1993.6	1606.4	1565.2
87.5°	156.5	222.4	296.6	230.7	205.9	543.7	1598.2	1631.1	1243.9	568.4	576.7
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

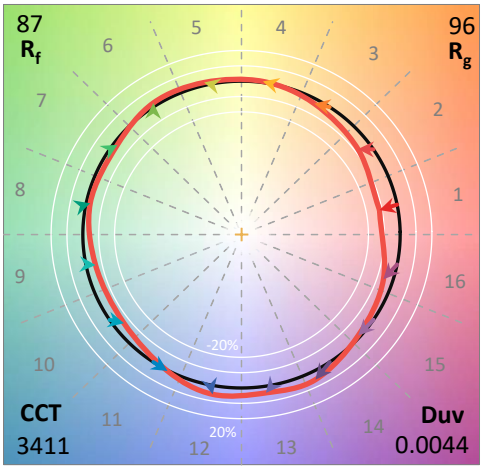
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

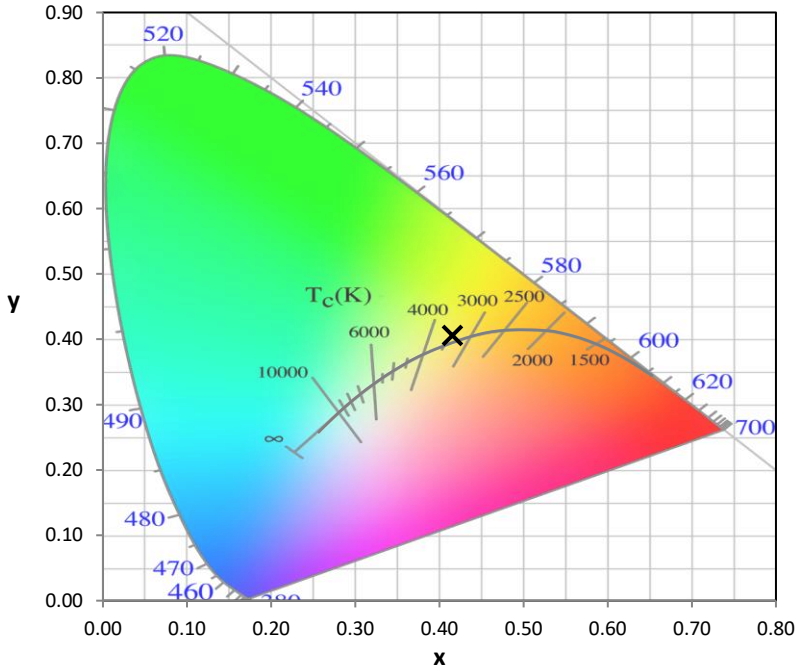
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

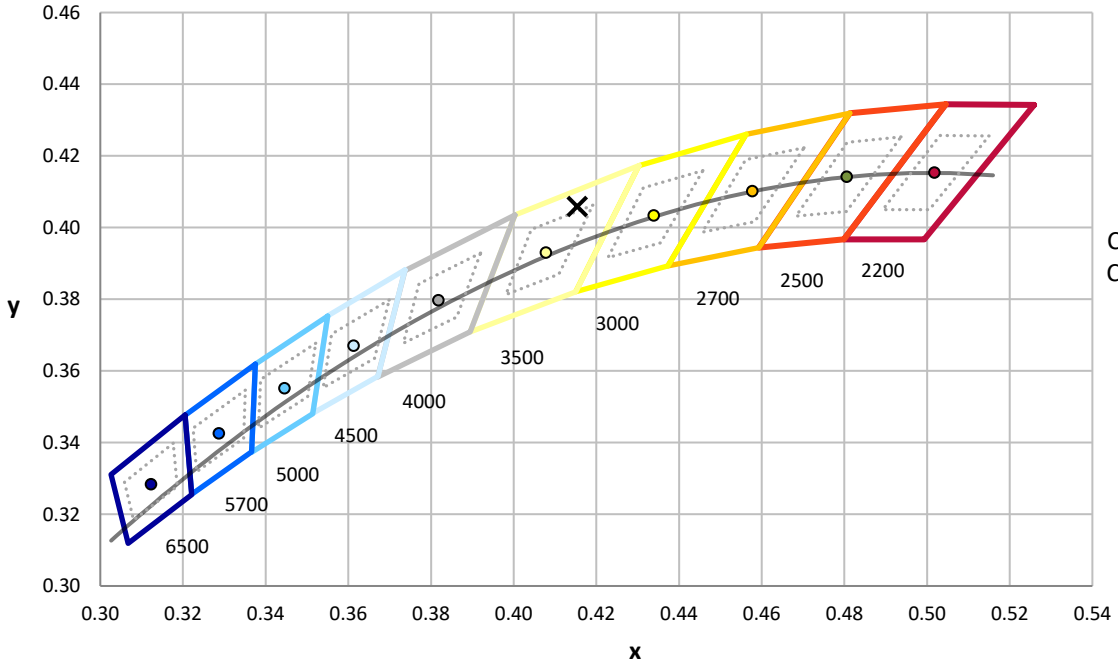
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

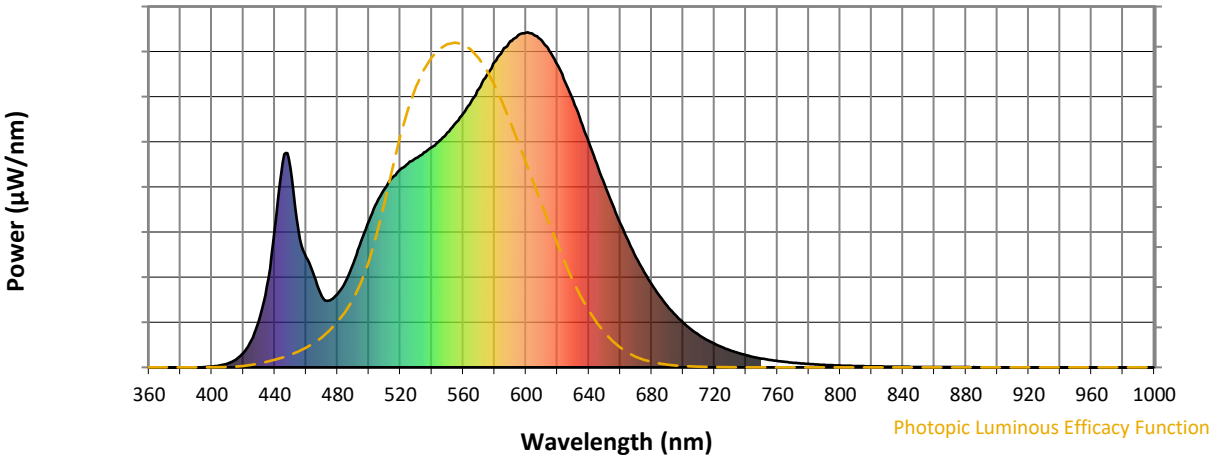


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

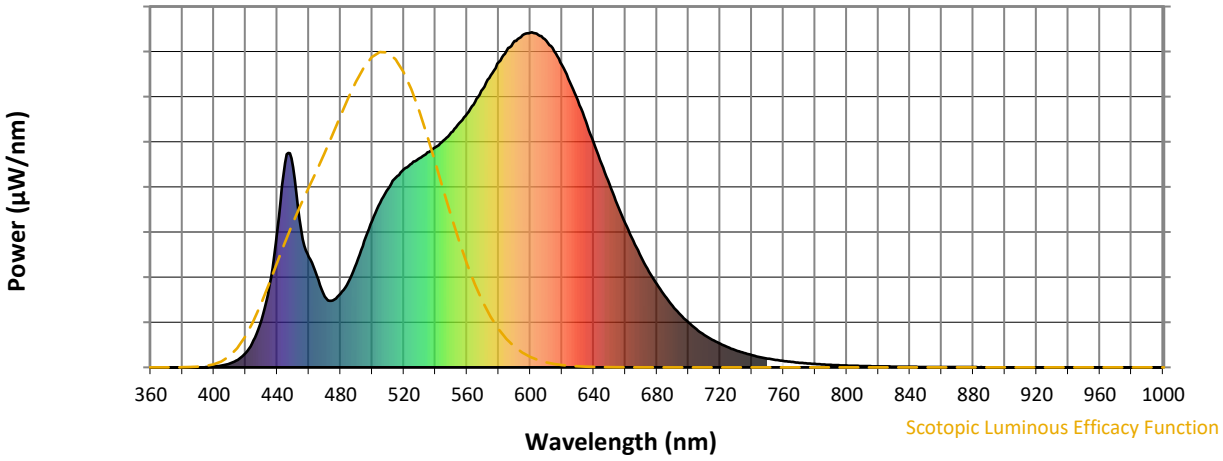


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

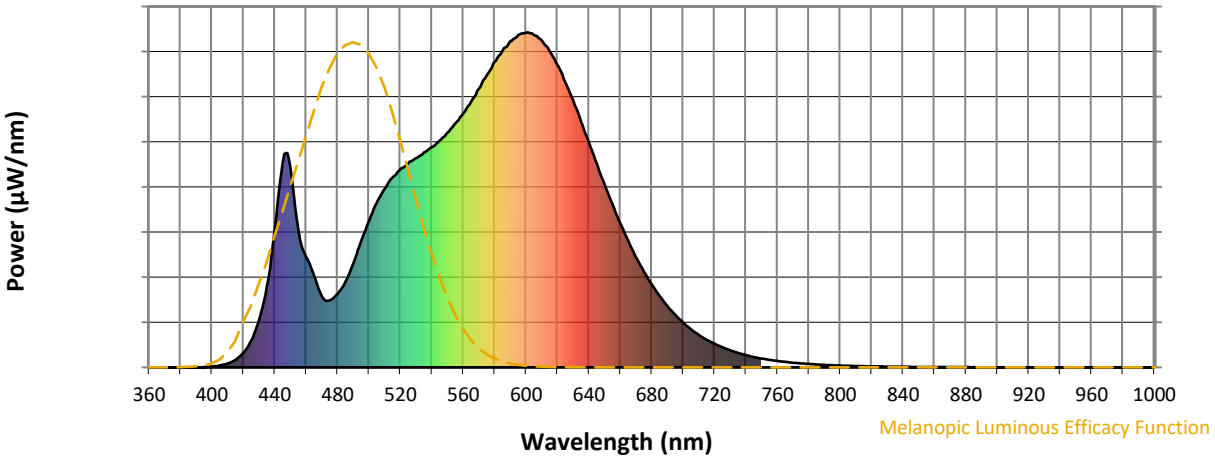


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

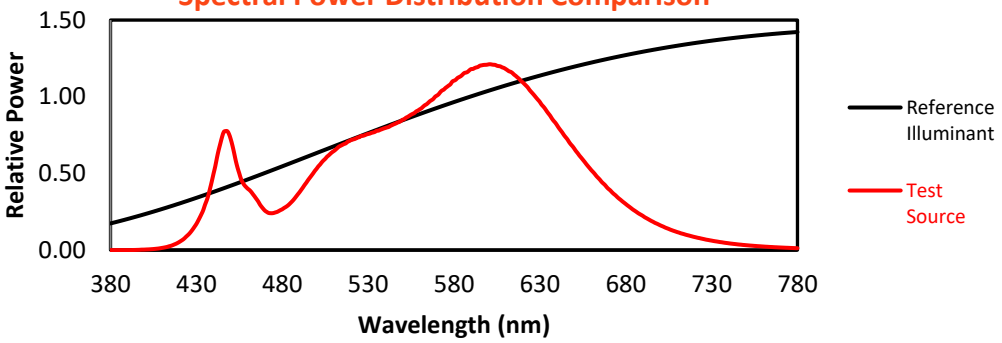
REPORT NUMBER: SP1-2407-184-10

TM-30-18

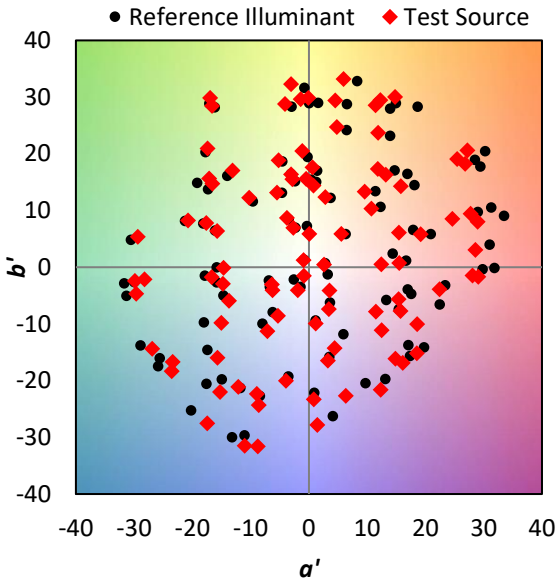
Summary

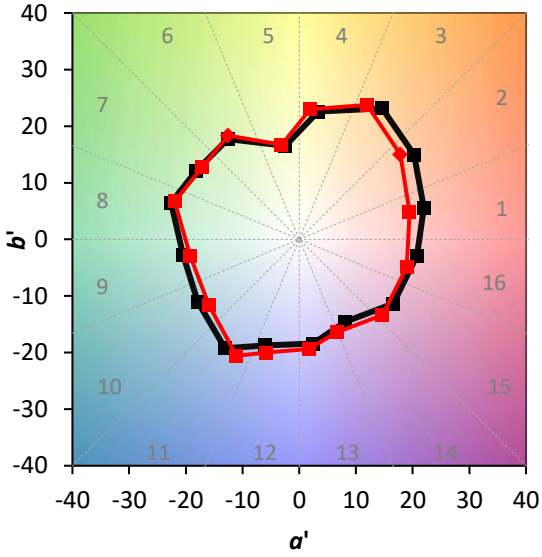
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

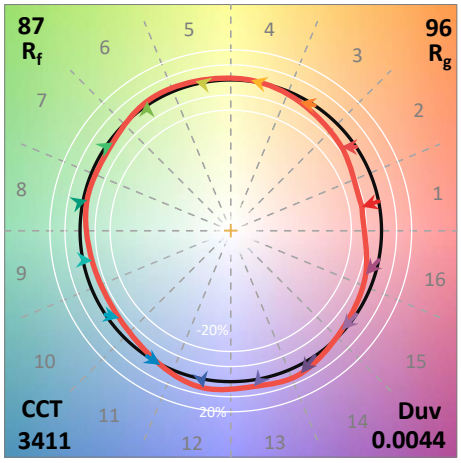
Spectral Power Distribution Comparison

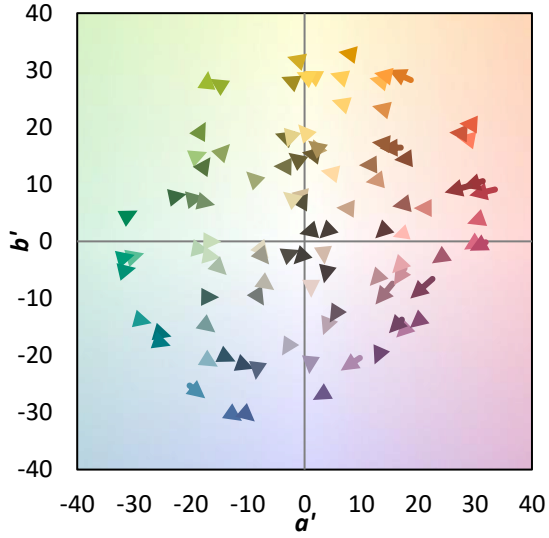


Color Vector Graphics







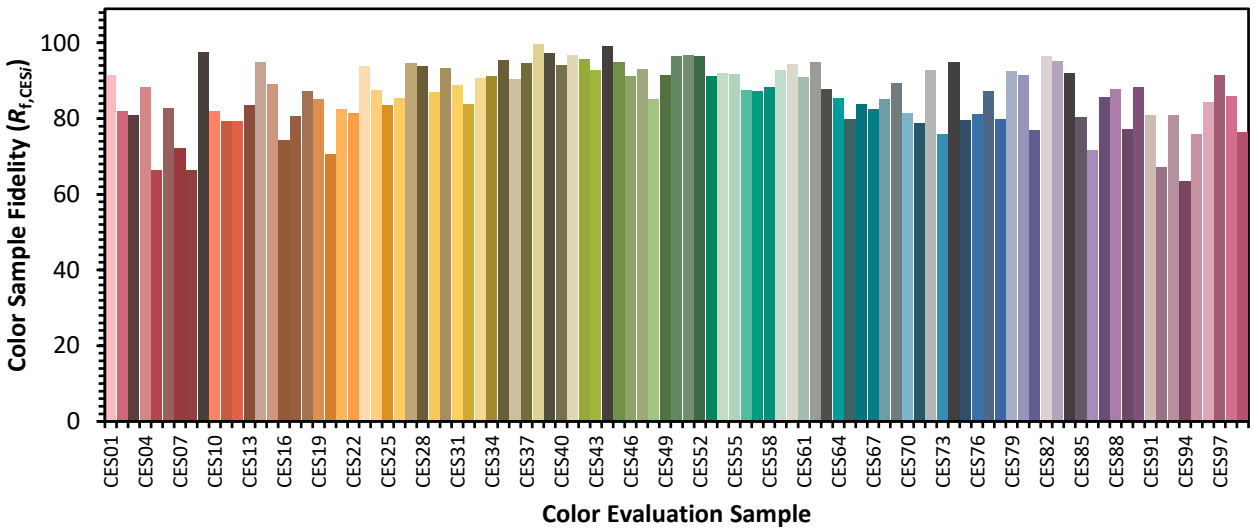


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

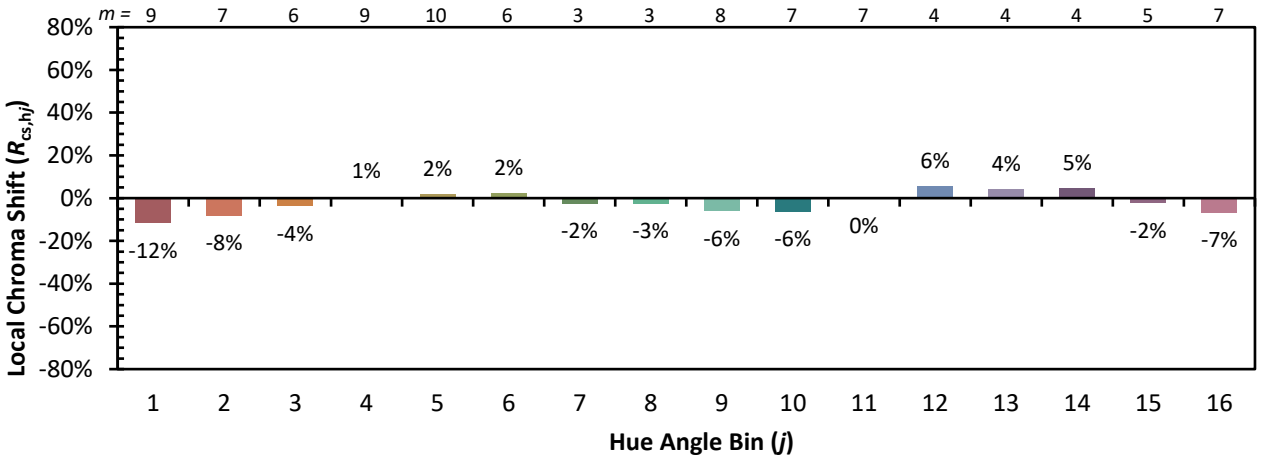
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

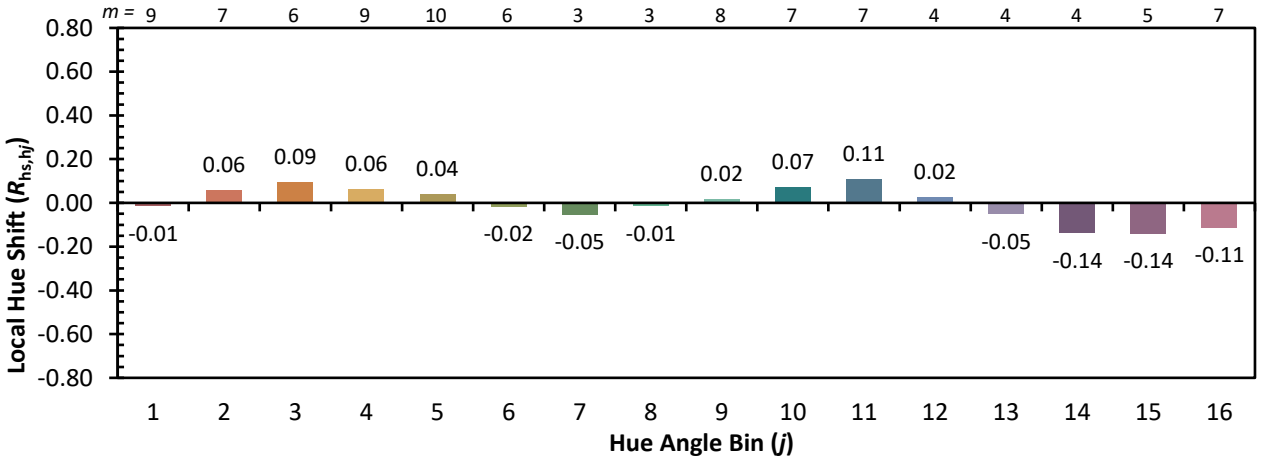


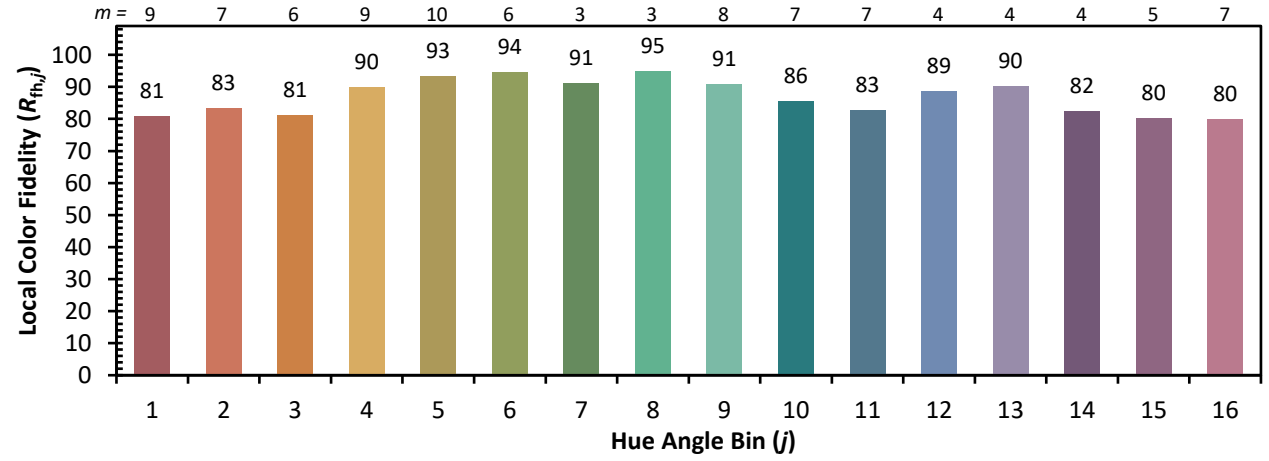
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



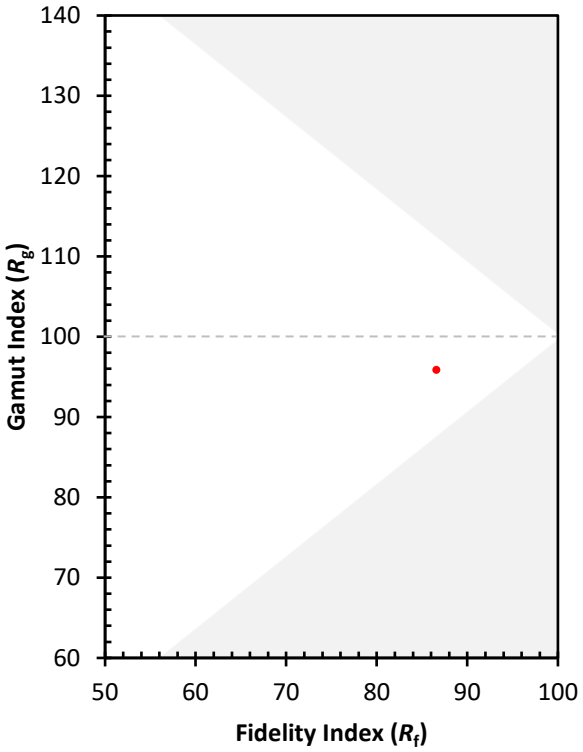


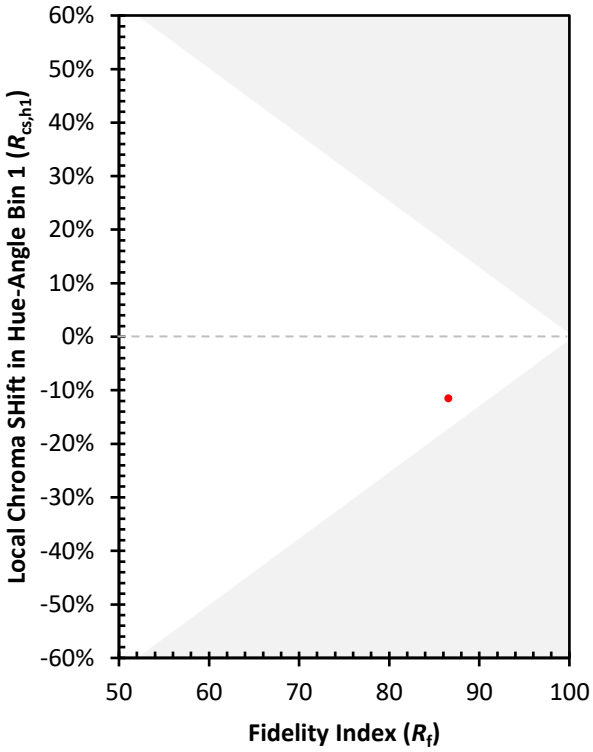


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





(END OF REPORT)