Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P1064375

Luminaire Tested: **GLAN-SA9C-930-U-T4BC**

Issue Date: 08/07/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1064375
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA9C-930-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34549.3 lumens
Efficiency:	N/A
Efficacy:	82.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

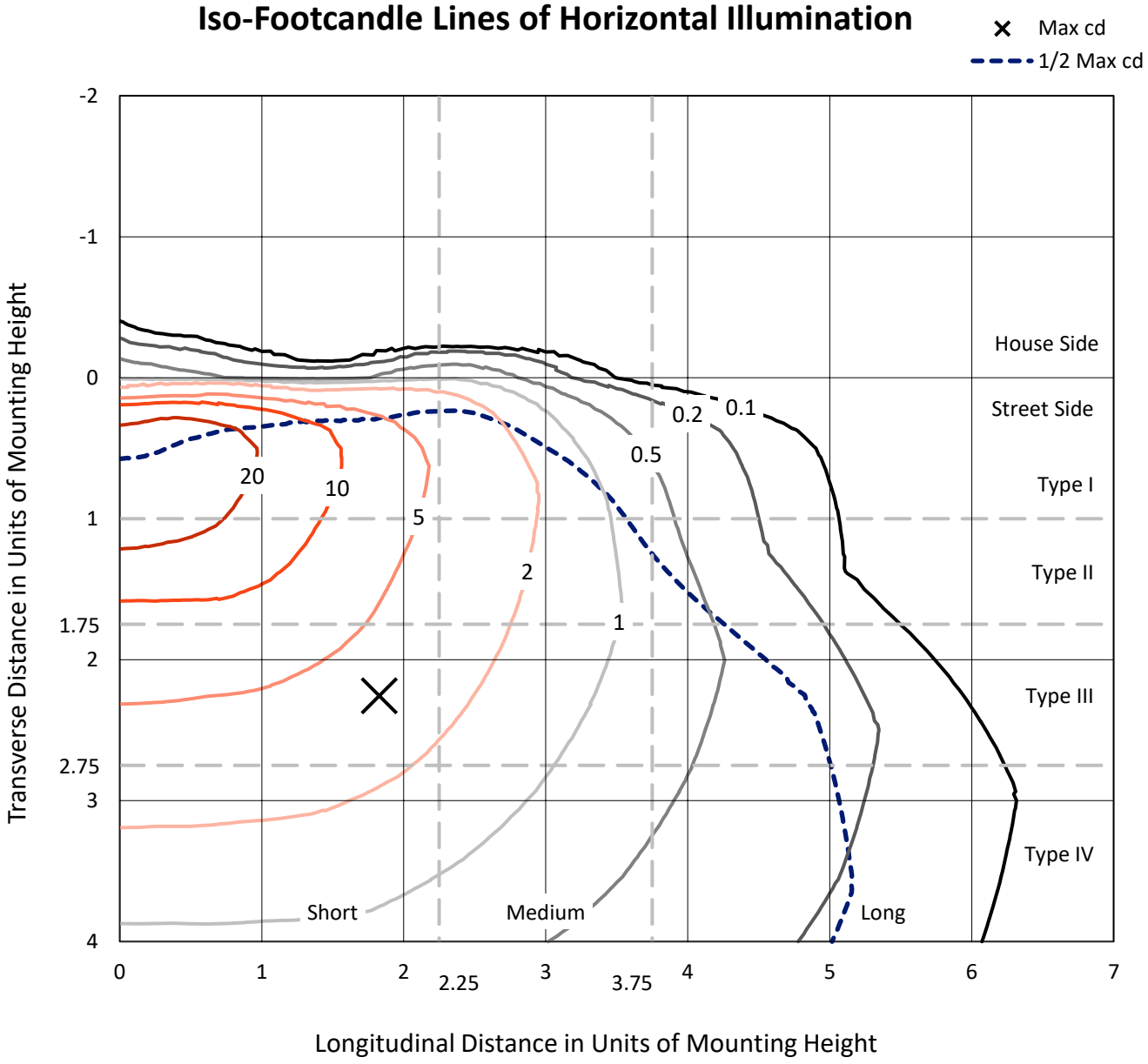
Input Watts (W):	417.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



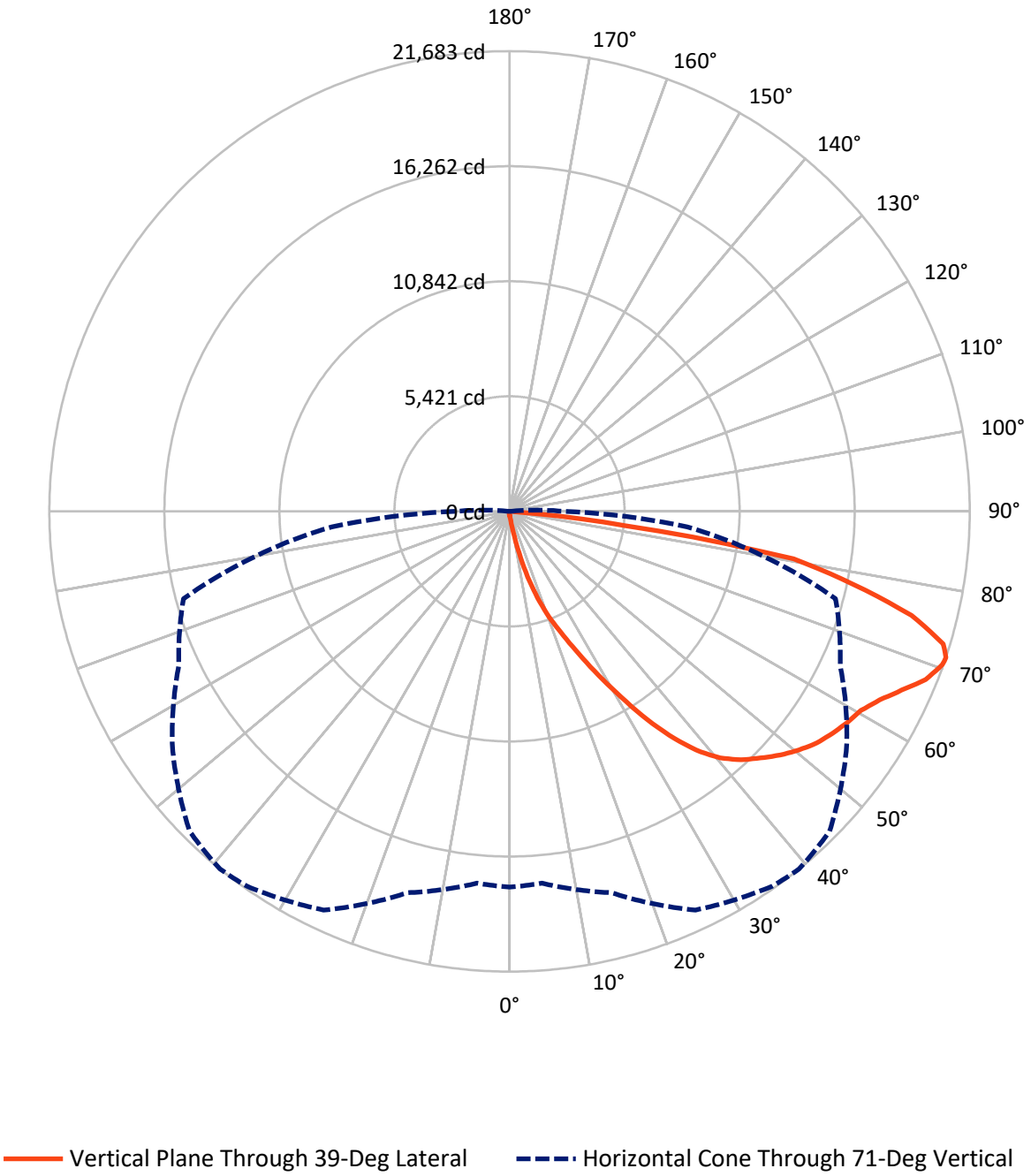
Based on 15 foot mounting height. Maximum calculated value = 35.5 fc
Type IV - Short - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

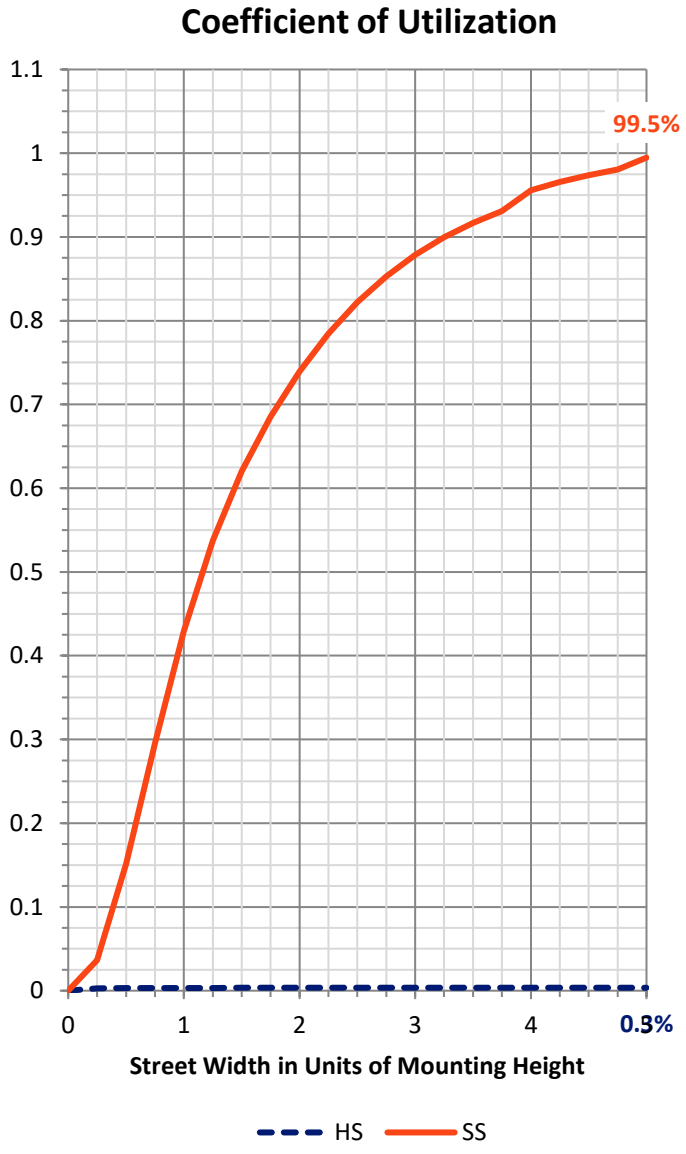
REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.8	0.0	122.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34426.5	0.0	34426.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	34549.3	0.0	34549.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	0.1
10°-20°	369.3	1.1
20°-30°	1315.0	3.8
30°-40°	3169.4	9.2
40°-50°	5304.2	15.4
50°-60°	6812.5	19.7
60°-70°	8621.3	25.0
70°-80°	7686.3	22.2
80°-90°	1242.5	3.6
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°	34549.3	100.0
0°-180°	34549.3	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

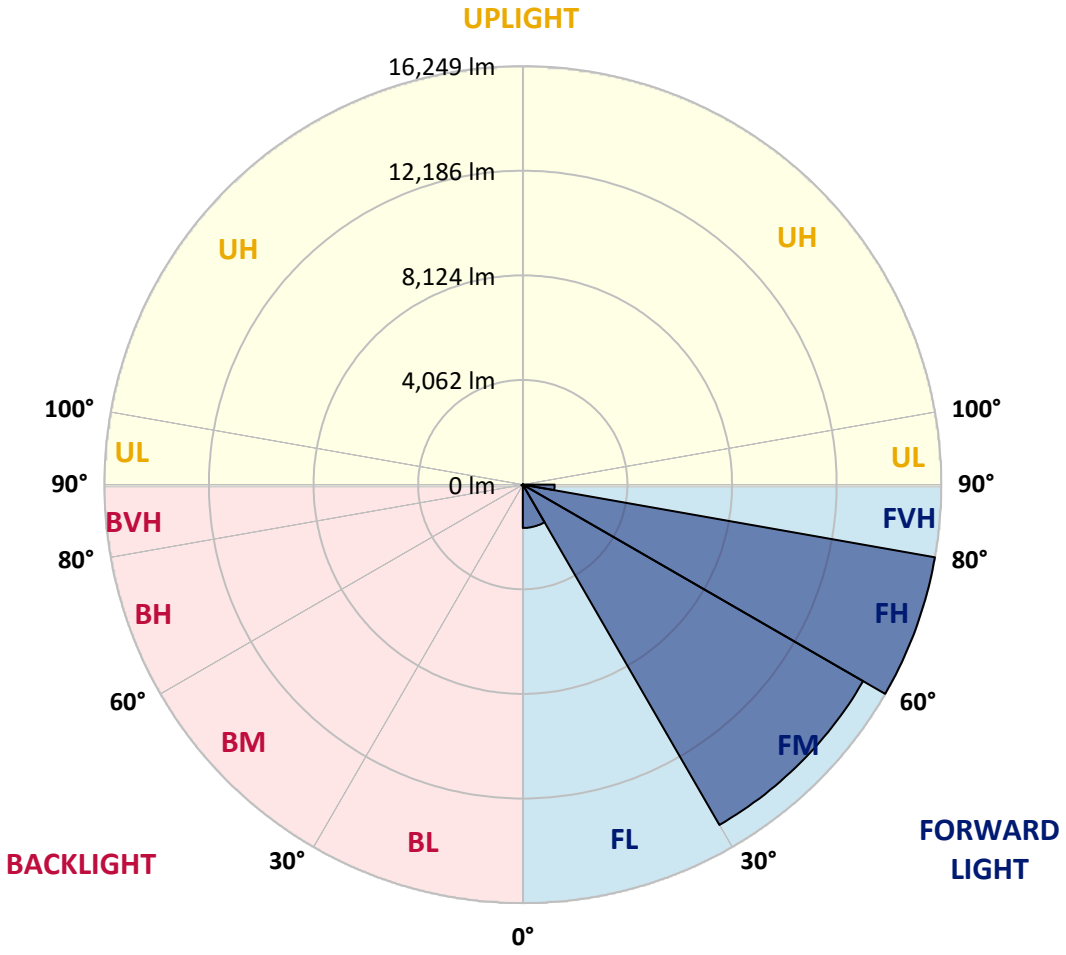
Scaled Data Report

REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1683.5	4.9			
FM	(30°-60°)	15257.6	44.2			
FH	(60°-80°)	16248.6	47.0			G5
FVH	(80°-90°)	1236.8	3.6			G5
BL	(0°-30°)	29.7	0.1	B0/110		
BM	(30°-60°)	28.4	0.1	B0/220		
BH	(60°-80°)	59.0	0.2	B0/110		G0/110
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5
Type IV Short



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	189.4	189.4	189.4	189.4	189.4	*189.4*	189.4	189.4	189.4	189.4	189.4
2.5°	217.5	217.5	217.5	210.5	210.5	*208.2*	205.8	205.8	201.1	198.8	194.1
5°	329.8	322.8	306.4	297.0	278.3	*266.6*	254.9	238.6	222.2	210.5	196.5
7.5°	746.1	762.4	708.7	608.1	505.2	*460.7*	385.9	311.1	257.3	222.2	198.8
10°	1901.4	1892.1	1709.7	1508.5	1164.7	*1026.7*	804.5	507.5	332.1	243.2	201.1
12.5°	3234.6	3225.2	3010.0	2736.4	2282.7	*1995.0*	1574.0	947.2	477.1	276.0	201.1
15°	4354.8	4317.4	4249.6	3978.3	3447.4	*3206.5*	2649.9	1674.6	771.8	332.1	205.8
17.5°	5096.2	5063.5	5000.4	4902.1	4565.3	*4280.0*	3833.3	2631.2	1248.9	430.3	215.2
20°	5776.8	5753.5	5702.0	5683.3	5465.8	*5313.8*	4944.2	3730.4	1945.9	584.7	229.2
22.5°	6712.4	6663.2	6684.3	6572.0	6359.2	*6176.8*	5949.9	4881.1	2797.2	842.0	254.9
25°	7858.4	7835.0	7776.5	7697.0	7402.3	*7243.3*	6894.8	5966.3	3749.1	1178.8	283.0
27.5°	9242.9	9217.2	9203.2	9020.8	8681.6	*8508.6*	8022.1	6990.7	4820.3	1651.2	320.4
30°	10838.0	10849.7	10758.5	10524.6	10129.4	*9886.1*	9385.6	8064.2	5917.2	2205.5	360.2
32.5°	12489.2	12465.8	12325.5	12049.5	11696.3	*11469.5*	10833.3	9240.6	7067.9	2937.5	407.0
35°	14269.0	14224.6	13855.1	13539.3	13237.6	*12952.3*	12372.3	10606.5	8218.5	3758.5	470.1
37.5°	16065.2	15857.1	15115.7	14715.7	14507.6	*14273.7*	13733.4	12063.5	9362.2	4675.3	547.3
40°	17421.7	17260.4	16381.0	15644.2	15478.2	*15279.4*	14877.1	13321.8	10578.4	5659.9	640.8
42.5°	18172.5	18083.6	17293.1	16565.7	16175.2	*15999.7*	15655.9	14421.1	11780.5	6747.4	776.5
45°	18492.9	18354.9	17826.3	17487.2	16865.1	*16575.1*	16165.8	15251.3	13036.5	7982.3	965.9
47.5°	18394.7	18315.2	17936.3	18060.2	17608.8	*17157.4*	16556.4	15887.5	14110.0	9399.6	1225.5
50°	17777.2	17709.4	17592.5	18263.7	18207.6	*17674.3*	17061.6	16390.3	14987.0	10861.4	1627.8
52.5°	16603.2	16575.1	16874.5	18104.7	18546.7	*18130.4*	17548.0	16834.7	15805.6	12388.6	2203.2
55°	15089.9	15204.6	16060.6	17856.8	18719.8	*18467.2*	17978.4	17251.0	16462.8	13754.5	3052.1
57.5°	14467.8	14498.2	15567.1	17681.3	18796.9	*18764.2*	18397.0	17648.6	17066.2	14846.7	4347.8
60°	15195.2	15148.4	15712.1	17814.7	18951.3	*19030.8*	18768.9	18018.1	17590.1	15784.6	6073.9
62.5°	16509.6	16483.9	16664.0	18383.0	19402.7	*19564.1*	19285.8	18284.8	18053.2	16402.0	8043.1
65°	17683.7	17629.9	17964.3	19391.0	20195.6	*20310.2*	20066.9	18740.8	18256.7	16851.1	9893.1
67.5°	18191.2	18179.5	18717.4	20349.9	21028.2	*21152.1*	20939.3	19370.0	18209.9	16993.7	10709.4
70°	17959.7	17915.2	18775.9	20756.9	21498.3	*21638.6*	21432.8	19603.8	17702.4	16542.3	9500.2
71°	*17704.7*	*17585.5*	*18600.5*	*20728.8*	*21563.8*	*21683.0*	*21322.9*	*19391.0*	*17192.5*	*15901.5*	*8403.3*
72.5°	16914.2	16935.3	18118.7	20436.4	21407.1	*21372.0*	20700.7	18628.6	16577.4	14446.8	6749.8
75°	14968.3	15092.3	16558.7	19208.6	20008.4	*19561.7*	18535.0	17171.5	15342.5	10358.6	4687.0
77.5°	12231.9	12416.7	14028.1	16846.4	16619.5	*16575.1*	16533.0	15129.7	13102.0	5564.0	3260.3
80°	5840.0	6239.9	8461.8	12026.1	13064.5	*13567.4*	13251.7	12192.2	10131.7	2649.9	1948.2
82.5°	381.2	376.5	533.2	1010.4	4259.0	*5505.5*	8747.1	8714.4	7063.2	1291.0	795.2
85°	180.1	184.8	203.5	231.5	269.0	*294.7*	407.0	2385.6	3379.6	615.1	173.1
87.5°	105.2	107.6	126.3	161.4	210.5	*233.9*	278.3	357.8	439.7	339.1	37.4
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1064375
CATALOG NUMBER: GLAN-SA9C-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	189.4	189.4	189.4	189.4	189.4	189.4	189.4	189.4	189.4	189.4	189.4
2.5°	191.8	189.4	182.4	175.4	168.4	163.7	161.4	163.7	163.7	166.1	166.1
5°	191.8	184.8	173.1	159.0	149.7	140.3	135.7	133.3	135.7	135.7	135.7
7.5°	189.4	177.7	161.4	145.0	133.3	121.6	116.9	114.6	114.6	116.9	116.9
10°	184.8	173.1	152.0	133.3	119.3	105.2	98.2	91.2	91.2	91.2	93.6
12.5°	182.4	166.1	140.3	121.6	102.9	86.5	72.5	65.5	67.8	67.8	67.8
15°	177.7	159.0	133.3	109.9	86.5	65.5	53.8	46.8	49.1	51.5	49.1
17.5°	177.7	156.7	124.0	95.9	67.8	49.1	39.8	35.1	35.1	37.4	37.4
20°	177.7	152.0	116.9	81.9	51.5	37.4	28.1	25.7	25.7	30.4	32.7
22.5°	182.4	152.0	107.6	67.8	42.1	28.1	21.0	18.7	21.0	25.7	28.1
25°	189.4	149.7	98.2	60.8	35.1	21.0	16.4	11.7	14.0	18.7	21.0
27.5°	196.5	147.3	88.9	53.8	28.1	16.4	11.7	9.4	7.0	9.4	9.4
30°	203.5	147.3	79.5	44.4	23.4	11.7	7.0	4.7	2.3	0.0	0.0
32.5°	208.2	142.7	72.5	35.1	18.7	9.4	4.7	2.3	0.0	0.0	0.0
35°	212.8	138.0	63.1	28.1	14.0	7.0	2.3	0.0	0.0	0.0	0.0
37.5°	217.5	131.0	53.8	23.4	11.7	4.7	0.0	0.0	0.0	0.0	0.0
40°	222.2	121.6	44.4	21.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	226.9	114.6	37.4	16.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	238.6	109.9	30.4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	259.6	105.2	28.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	290.0	100.6	25.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	332.1	98.2	23.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	407.0	95.9	21.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	535.6	93.6	21.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	820.9	88.9	21.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1466.4	86.5	18.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2556.3	88.9	18.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3664.9	93.6	16.4	7.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	3136.3	81.9	16.4	9.4	4.7	2.3	0.0	0.0	0.0	0.0	0.0
71°	*2556.3*	*72.5*	*16.4*	*9.4*	*4.7*	*2.3*	*2.3*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1644.2	56.1	14.0	9.4	4.7	4.7	2.3	0.0	0.0	0.0	0.0
75°	694.6	46.8	14.0	9.4	7.0	4.7	4.7	2.3	0.0	0.0	0.0
77.5°	297.0	35.1	14.0	11.7	9.4	7.0	7.0	4.7	2.3	0.0	0.0
80°	112.3	28.1	16.4	14.0	11.7	11.7	9.4	4.7	2.3	0.0	0.0
82.5°	51.5	23.4	16.4	14.0	14.0	11.7	9.4	7.0	4.7	0.0	0.0
85°	32.7	21.0	16.4	14.0	14.0	11.7	11.7	7.0	4.7	0.0	0.0
87.5°	25.7	21.0	16.4	16.4	14.0	14.0	9.4	7.0	2.3	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

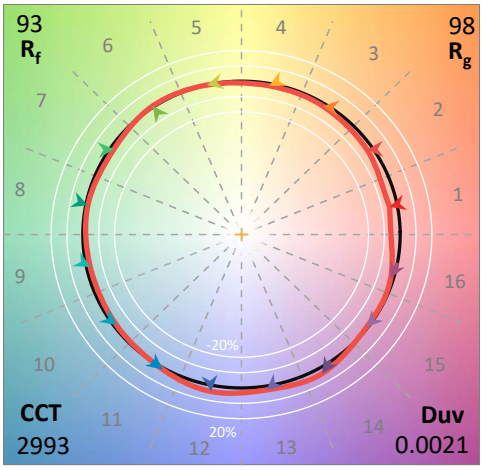
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

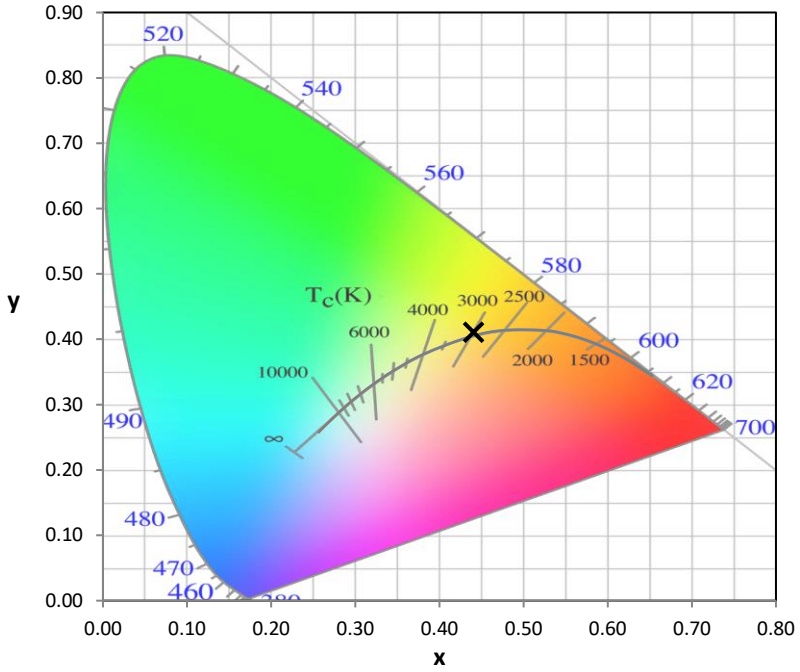
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

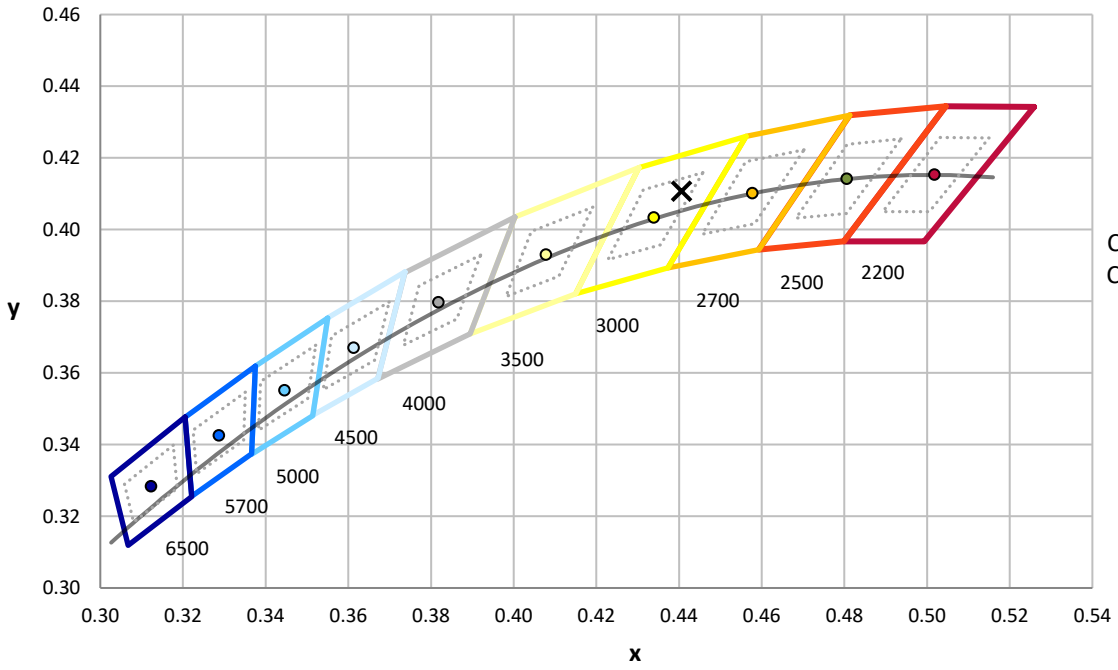
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

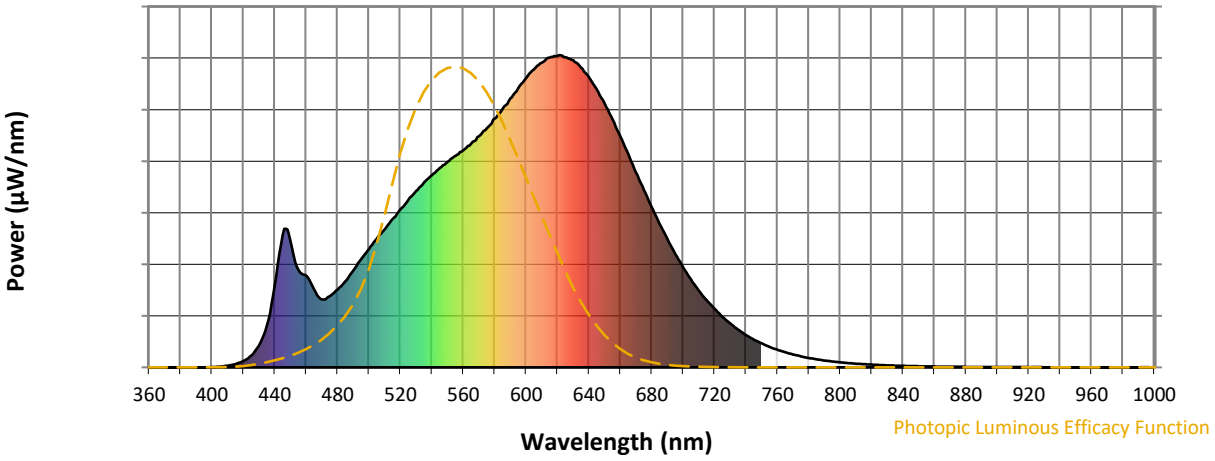


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

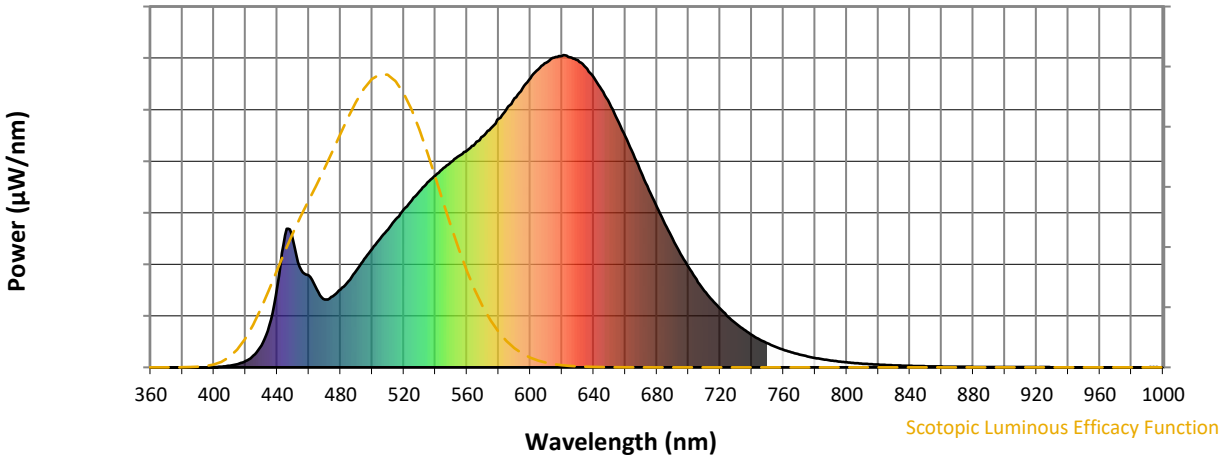


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength

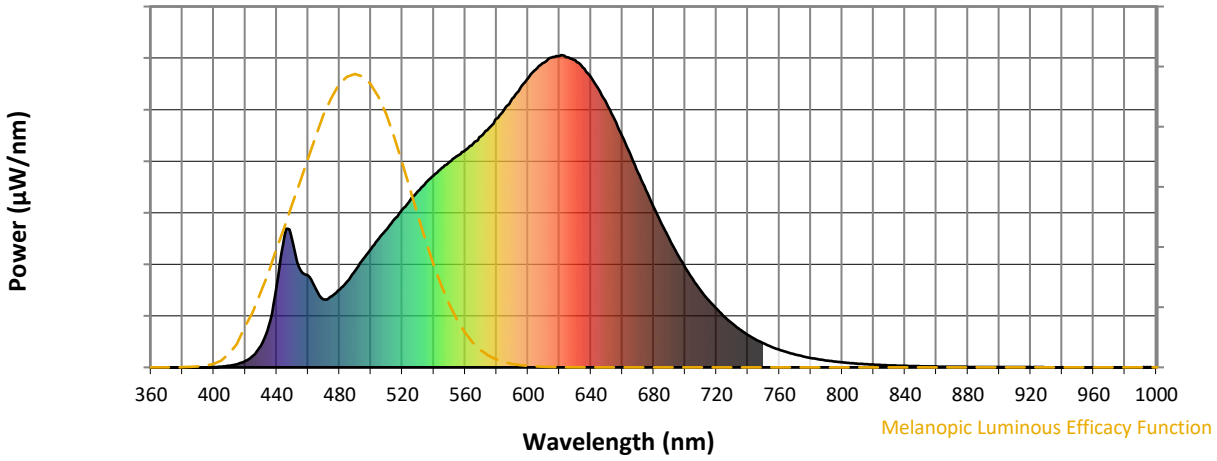


Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

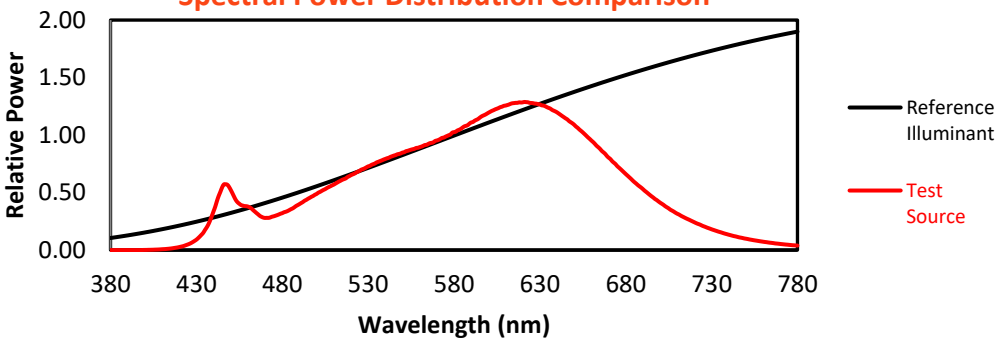
REPORT NUMBER: SP1-2407-184-14

TM-30-18

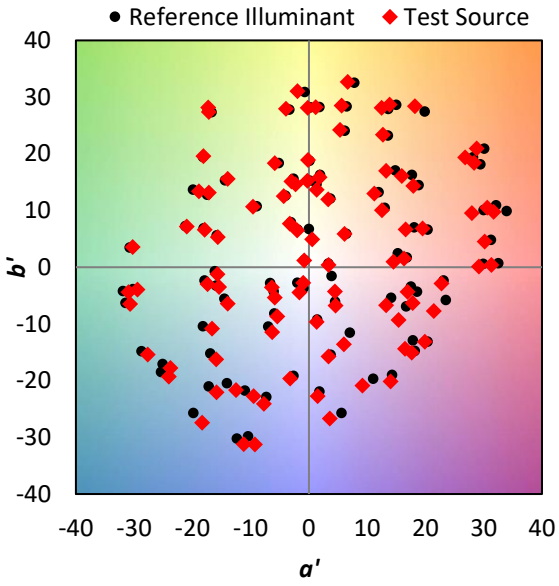
Summary

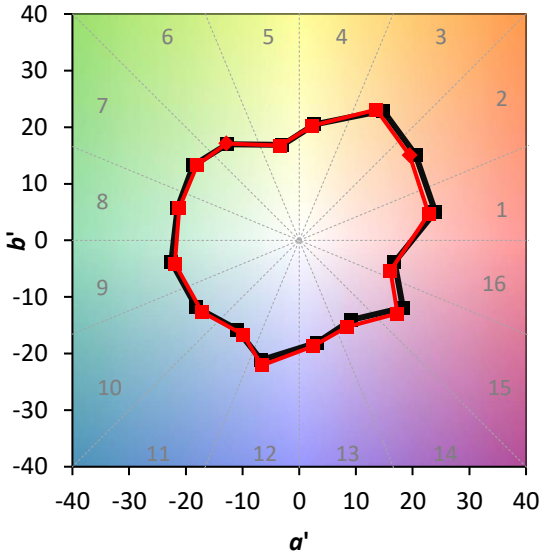
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

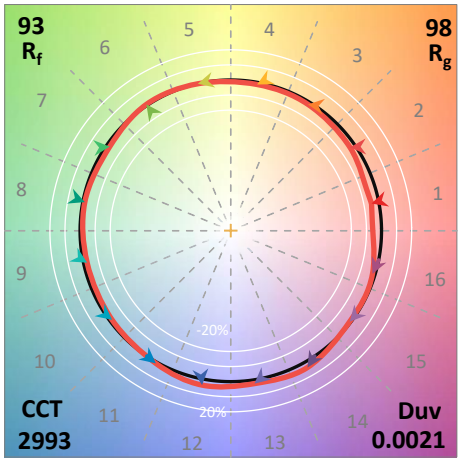
Spectral Power Distribution Comparison

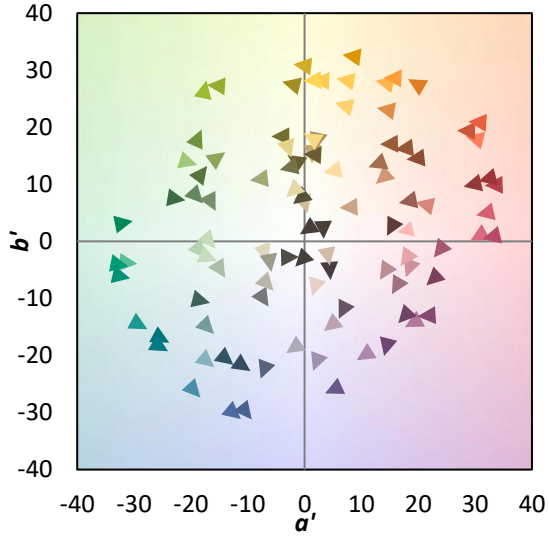


Color Vector Graphics







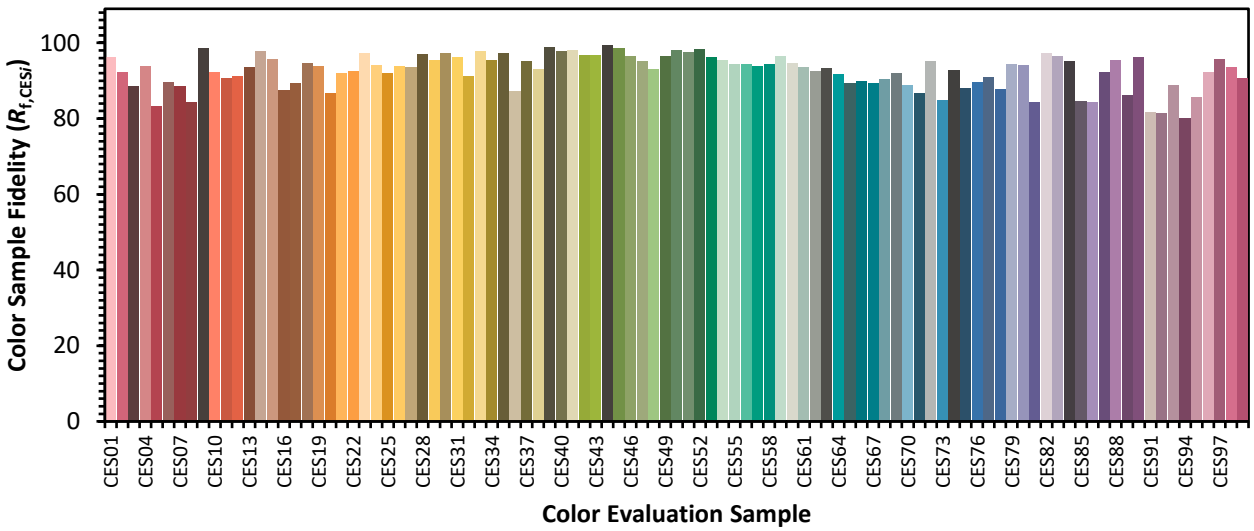


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

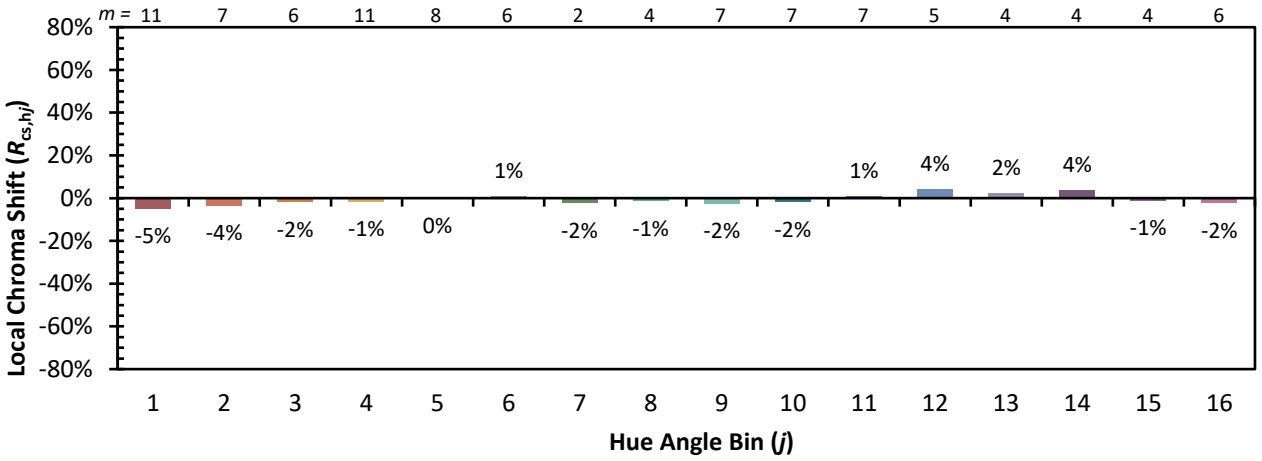
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	

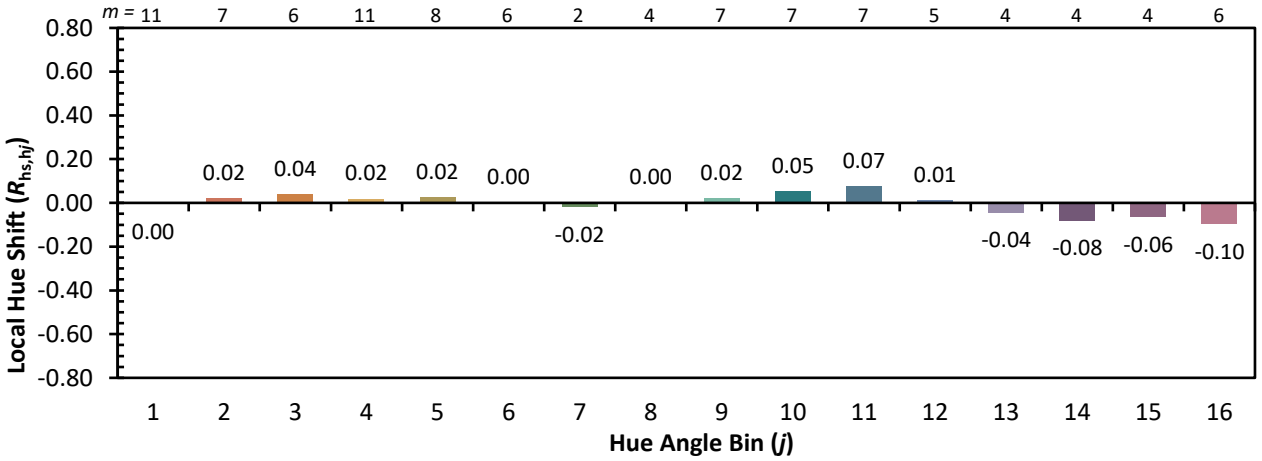


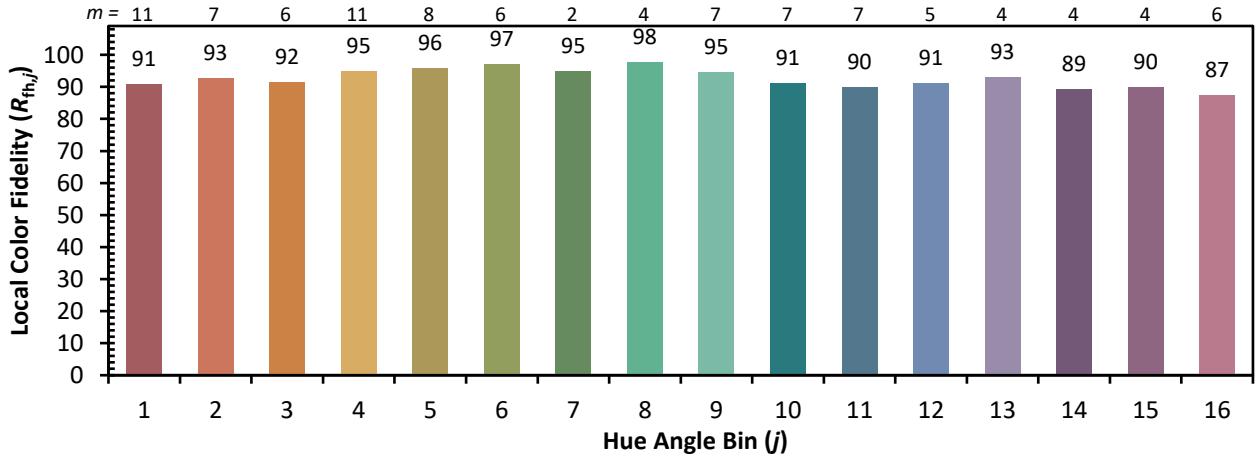
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



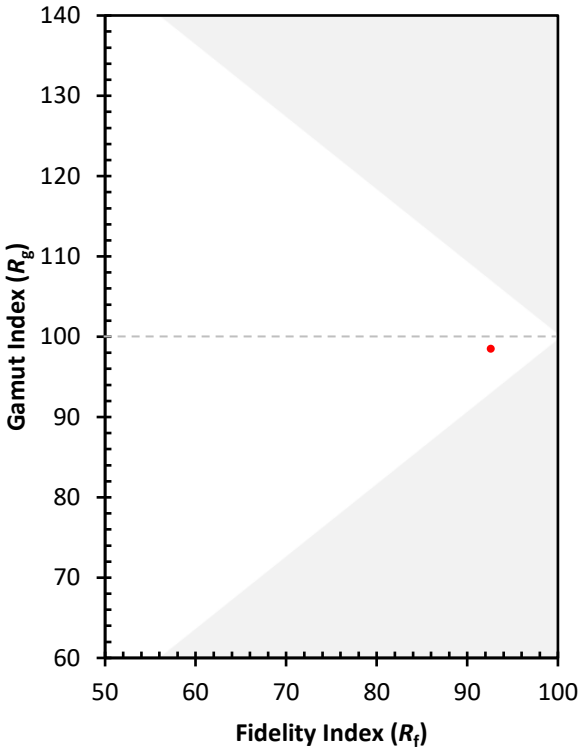


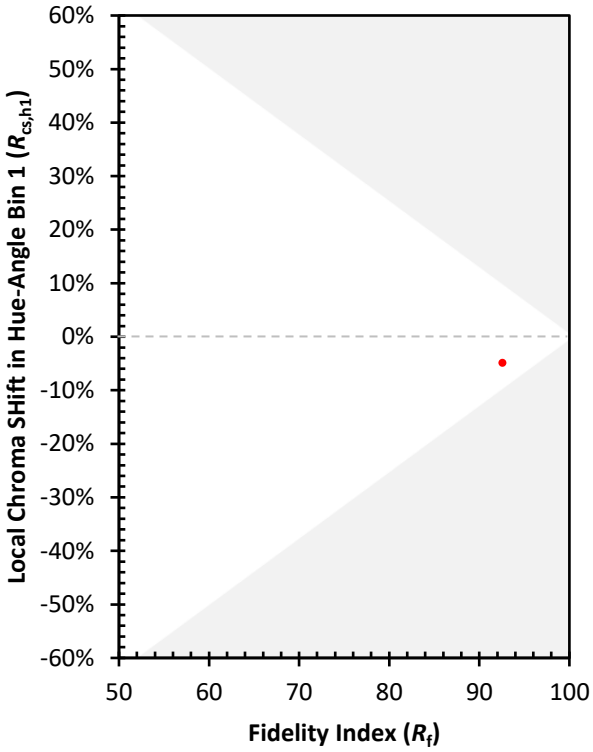


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)