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: McGRAW-EDISON

Report Number: P1048738

Luminaire Tested: **GALN-SA9B-930-U-T4BC**

Issue Date: 07/10/2025

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:	P1048738
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-930-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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:	27762.7 lumens
Efficiency:	N/A
Efficacy:	88.8 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):	312.7
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: P1048738
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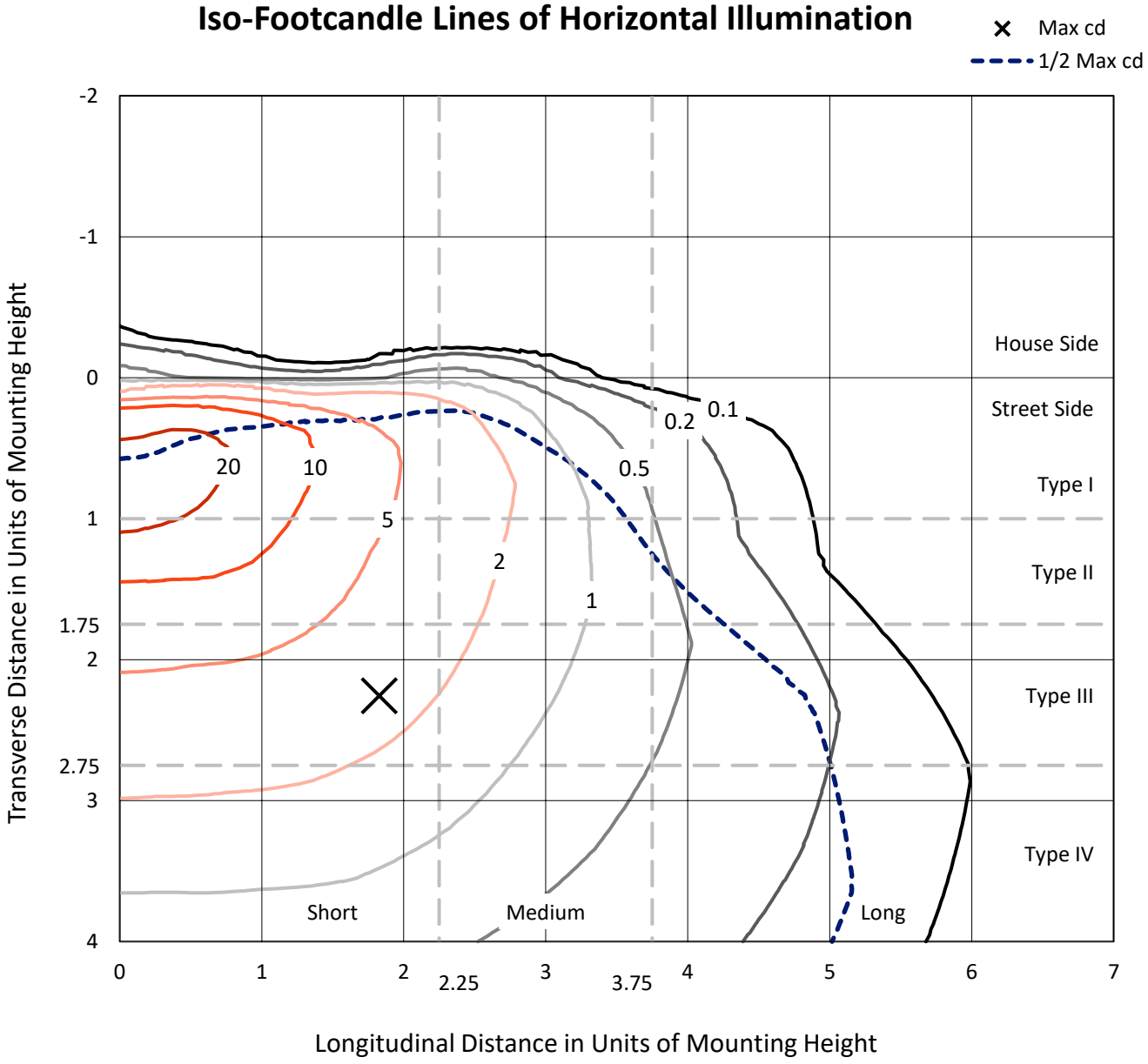
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 28.5 fc
Type IV - Short - N/A

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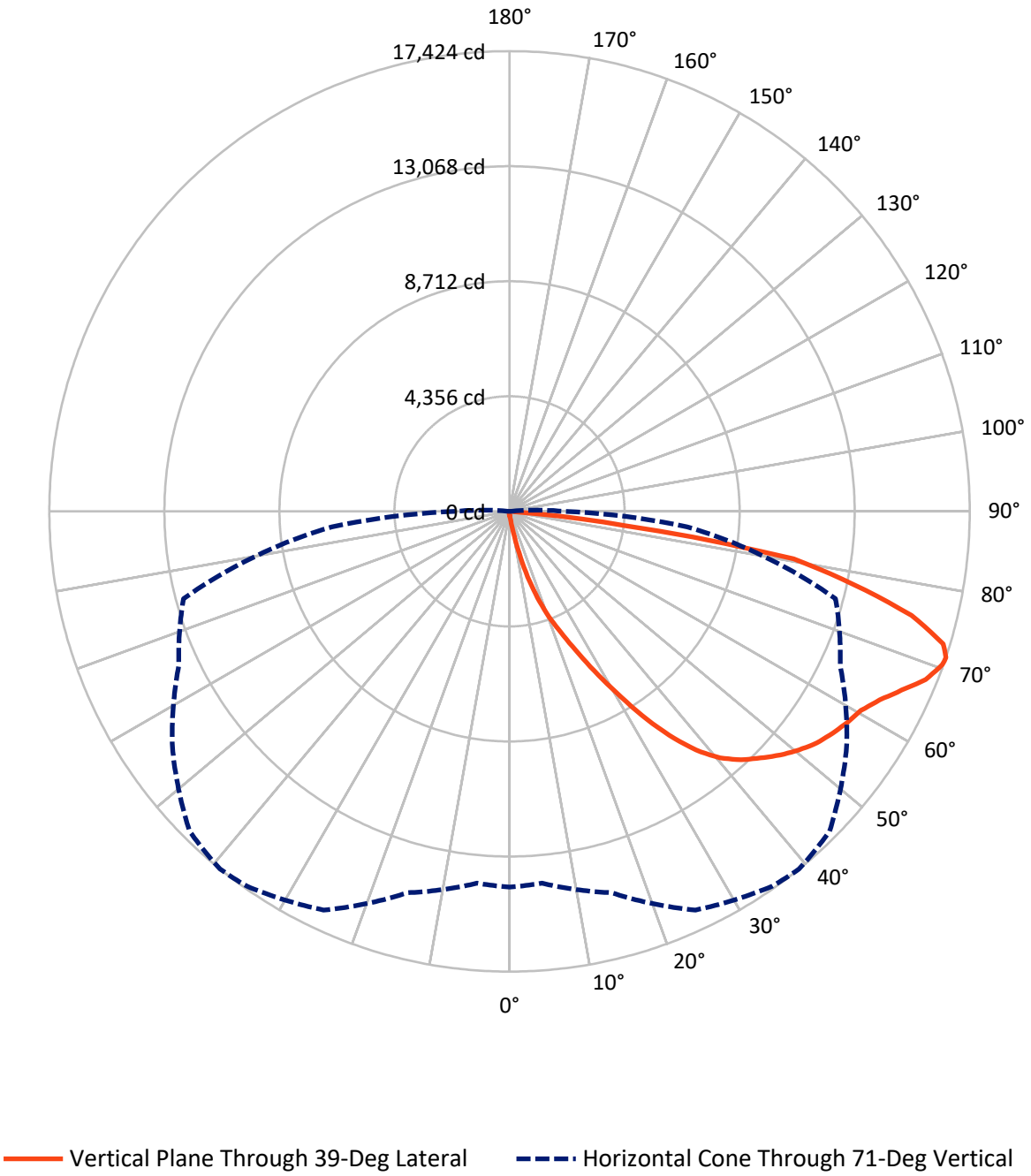
Luminous Intensity Polar Plot



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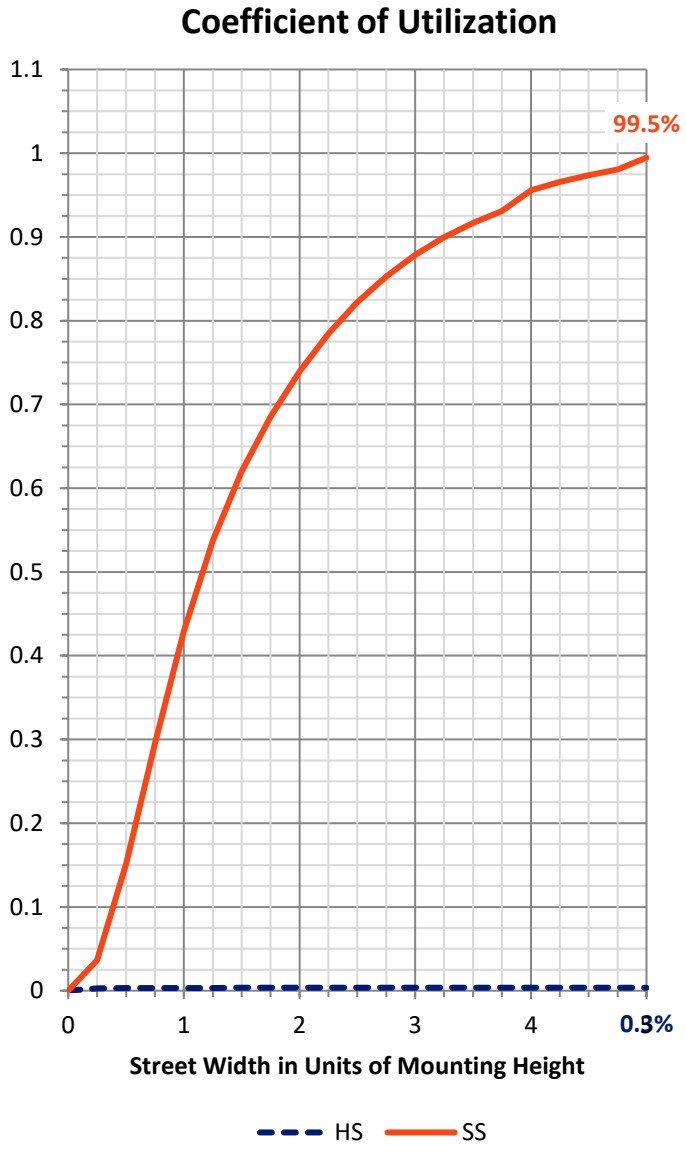
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	98.7	0.0	98.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27664.0	0.0	27664.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	27762.7	0.0	27762.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	0.1
10°-20°	296.7	1.1
20°-30°	1056.7	3.8
30°-40°	2546.8	9.2
40°-50°	4262.3	15.4
50°-60°	5474.3	19.7
60°-70°	6927.8	25.0
70°-80°	6176.4	22.2
80°-90°	998.4	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°	27762.7	100.0
0°-180°	27762.7	100.0



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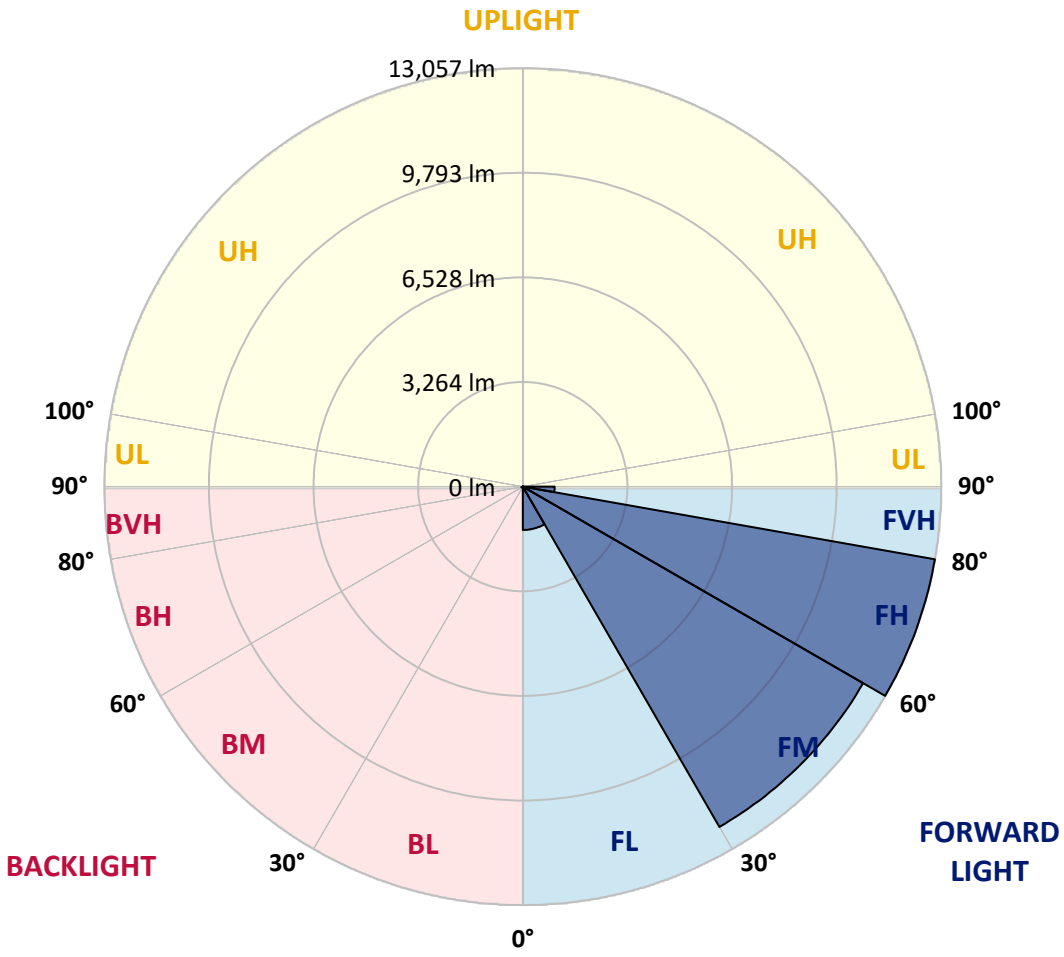
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1352.8	4.9			
FM	(30°-60°)	12260.5	44.2			
FH	(60°-80°)	13056.8	47.0			G5
FVH	(80°-90°)	993.9	3.6			G5
BL	(0°-30°)	23.9	0.1	B0/110		
BM	(30°-60°)	22.8	0.1	B0/220		
BH	(60°-80°)	47.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	152.2	152.2	152.2	152.2	152.2	*152.2*	152.2	152.2	152.2	152.2	152.2
2.5°	174.8	174.8	174.8	169.1	169.1	*167.3*	165.4	165.4	161.6	159.7	156.0
5°	265.0	259.4	246.2	238.7	223.6	*214.2*	204.9	191.7	178.5	169.1	157.9
7.5°	599.5	612.7	569.5	488.6	405.9	*370.2*	310.1	250.0	206.7	178.5	159.7
10°	1527.9	1520.4	1373.8	1212.2	935.9	*825.0*	646.5	407.8	266.9	195.5	161.6
12.5°	2599.2	2591.7	2418.8	2198.9	1834.3	*1603.1*	1264.8	761.2	383.4	221.8	161.6
15°	3499.4	3469.3	3414.8	3196.8	2770.2	*2576.6*	2129.3	1345.6	620.2	266.9	165.4
17.5°	4095.2	4068.9	4018.1	3939.2	3668.6	*3439.3*	3080.3	2114.3	1003.6	345.8	172.9
20°	4642.1	4623.3	4581.9	4566.9	4392.1	*4270.0*	3973.0	2997.6	1563.6	469.8	184.2
22.5°	5393.8	5354.4	5371.3	5281.1	5110.0	*4963.5*	4781.2	3922.3	2247.7	676.6	204.9
25°	6314.7	6295.9	6249.0	6185.1	5948.2	*5820.5*	5540.4	4794.3	3012.7	947.2	227.4
27.5°	7427.3	7406.7	7395.4	7248.8	6976.3	*6837.2*	6446.3	5617.5	3873.4	1326.8	257.5
30°	8709.1	8718.5	8645.2	8457.2	8139.6	*7944.2*	7542.0	6480.1	4754.8	1772.3	289.4
32.5°	10035.9	10017.1	9904.4	9682.6	9398.8	*9216.5*	8705.3	7425.4	5679.5	2360.5	327.0
35°	11466.1	11430.4	11133.5	10879.8	10637.3	*10408.0*	9941.9	8523.0	6604.2	3020.2	377.8
37.5°	12909.5	12742.2	12146.5	11825.1	11657.8	*11469.9*	11035.7	9693.9	7523.2	3756.9	439.8
40°	13999.5	13869.9	13163.2	12571.2	12437.8	*12278.0*	11954.8	10705.0	8500.5	4548.1	515.0
42.5°	14602.8	14531.4	13896.2	13311.7	12997.8	*12856.9*	12580.6	11588.3	9466.5	5422.0	624.0
45°	14860.3	14749.4	14324.7	14052.2	13552.2	*13319.2*	12990.3	12255.5	10475.7	6414.3	776.2
47.5°	14781.4	14717.5	14413.0	14512.6	14149.9	*13787.2*	13304.2	12766.7	11338.3	7553.2	984.8
50°	14285.2	14230.7	14136.7	14676.1	14631.0	*14202.5*	13710.1	13170.7	12043.1	8727.9	1308.1
52.5°	13341.7	13319.2	13559.8	14548.3	14903.5	*14569.0*	14101.0	13527.8	12700.9	9955.1	1770.4
55°	12125.8	12217.9	12905.7	14349.1	15042.6	*14839.6*	14446.8	13862.3	13229.0	11052.7	2452.6
57.5°	11625.9	11650.3	12509.2	14208.1	15104.6	*15078.3*	14783.2	14181.8	13713.9	11930.3	3493.8
60°	12210.4	12172.8	12625.7	14315.3	15228.6	*15292.5*	15082.1	14478.8	14134.8	12684.0	4880.8
62.5°	13266.6	13245.9	13390.6	14772.0	15591.4	*15721.0*	15497.4	14693.0	14507.0	13180.1	6463.2
65°	14210.0	14166.8	14435.5	15582.0	16228.5	*16320.6*	16125.1	15059.5	14670.5	13541.0	7949.8
67.5°	14617.8	14608.4	15040.7	16352.5	16897.5	*16997.1*	16826.1	15565.1	14632.9	13655.6	8605.7
70°	14431.8	14396.1	15087.7	16679.5	17275.3	*17388.1*	17222.7	15753.0	14225.1	13292.9	7634.1
71°	*14226.9*	*14131.1*	*14946.7*	*16657.0*	*17327.9*	*17423.8*	*17134.3*	*15582.0*	*13815.4*	*12777.9*	*6752.6*
72.5°	13591.7	13608.6	14559.6	16422.1	17202.0	*17173.8*	16634.4	14969.3	13321.1	11609.0	5423.9
75°	12028.1	12127.7	13306.0	15435.4	16078.1	*15719.2*	14894.1	13798.4	12328.8	8323.8	3766.3
77.5°	9829.2	9977.6	11272.5	13537.2	13354.9	*13319.2*	13285.4	12157.7	10528.3	4471.1	2619.9
80°	4692.8	5014.2	6799.6	9663.8	10498.2	*10902.3*	10648.6	9797.2	8141.5	2129.3	1565.5
82.5°	306.3	302.6	428.5	811.9	3422.4	*4424.1*	7028.9	7002.6	5675.7	1037.4	639.0
85°	144.7	148.5	163.5	186.1	216.1	*236.8*	327.0	1917.0	2715.7	494.3	139.1
87.5°	84.6	86.5	101.5	129.7	169.1	*187.9*	223.6	287.5	353.3	272.5	30.1
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: GALN-SA9B-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2
2.5°	154.1	152.2	146.6	141.0	135.3	131.6	129.7	131.6	131.6	133.4	133.4
5°	154.1	148.5	139.1	127.8	120.3	112.8	109.0	107.1	109.0	109.0	109.0
7.5°	152.2	142.8	129.7	116.5	107.1	97.7	94.0	92.1	92.1	94.0	94.0
10°	148.5	139.1	122.2	107.1	95.8	84.6	78.9	73.3	73.3	73.3	75.2
12.5°	146.6	133.4	112.8	97.7	82.7	69.5	58.3	52.6	54.5	54.5	54.5
15°	142.8	127.8	107.1	88.3	69.5	52.6	43.2	37.6	39.5	41.3	39.5
17.5°	142.8	125.9	99.6	77.1	54.5	39.5	31.9	28.2	28.2	30.1	30.1
20°	142.8	122.2	94.0	65.8	41.3	30.1	22.6	20.7	20.7	24.4	26.3
22.5°	146.6	122.2	86.5	54.5	33.8	22.6	16.9	15.0	16.9	20.7	22.6
25°	152.2	120.3	78.9	48.9	28.2	16.9	13.2	9.4	11.3	15.0	16.9
27.5°	157.9	118.4	71.4	43.2	22.6	13.2	9.4	7.5	5.6	7.5	7.5
30°	163.5	118.4	63.9	35.7	18.8	9.4	5.6	3.8	1.9	0.0	0.0
32.5°	167.3	114.6	58.3	28.2	15.0	7.5	3.8	1.9	0.0	0.0	0.0
35°	171.0	110.9	50.7	22.6	11.3	5.6	1.9	0.0	0.0	0.0	0.0
37.5°	174.8	105.2	43.2	18.8	9.4	3.8	0.0	0.0	0.0	0.0	0.0
40°	178.5	97.7	35.7	16.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	182.3	92.1	30.1	13.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	191.7	88.3	24.4	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	208.6	84.6	22.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	233.0	80.8	20.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	266.9	78.9	18.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	327.0	77.1	16.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	430.4	75.2	16.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	659.7	71.4	16.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1178.4	69.5	15.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2054.2	71.4	15.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2945.0	75.2	13.2	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2520.3	65.8	13.2	7.5	3.8	1.9	0.0	0.0	0.0	0.0	0.0
71°	*2054.2*	*58.3*	*13.2*	*7.5*	*3.8*	*1.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1321.2	45.1	11.3	7.5	3.8	3.8	1.9	0.0	0.0	0.0	0.0
75°	558.2	37.6	11.3	7.5	5.6	3.8	3.8	1.9	0.0	0.0	0.0
77.5°	238.7	28.2	11.3	9.4	7.5	5.6	5.6	3.8	1.9	0.0	0.0
80°	90.2	22.6	13.2	11.3	9.4	9.4	7.5	3.8	1.9	0.0	0.0
82.5°	41.3	18.8	13.2	11.3	11.3	9.4	7.5	5.6	3.8	0.0	0.0
85°	26.3	16.9	13.2	11.3	11.3	9.4	9.4	5.6	3.8	0.0	0.0
87.5°	20.7	16.9	13.2	13.2	11.3	11.3	7.5	5.6	1.9	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: SP1-2407-184-14

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

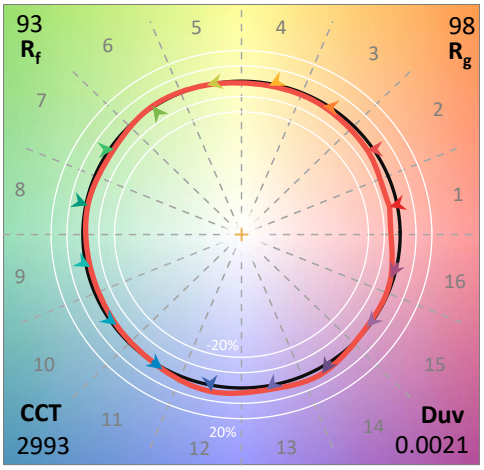
Test Information

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

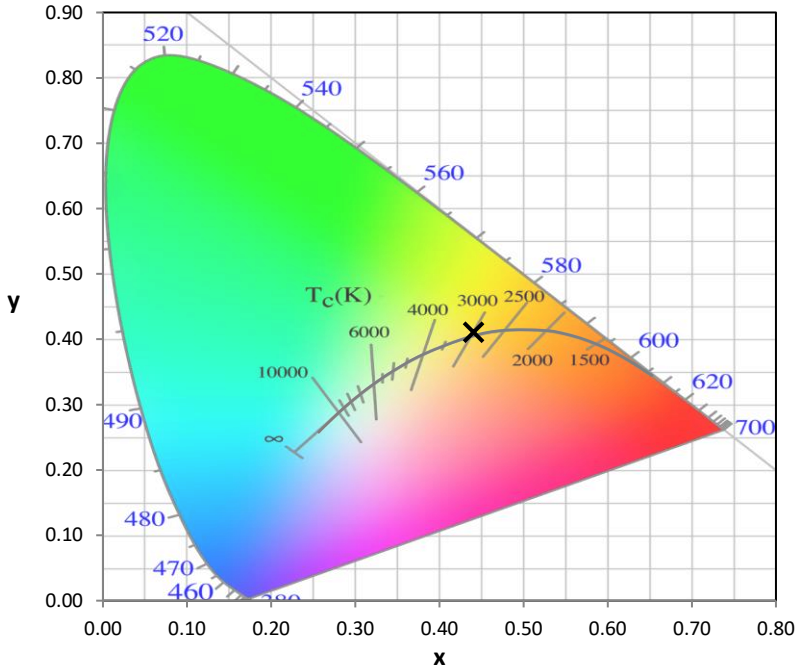
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

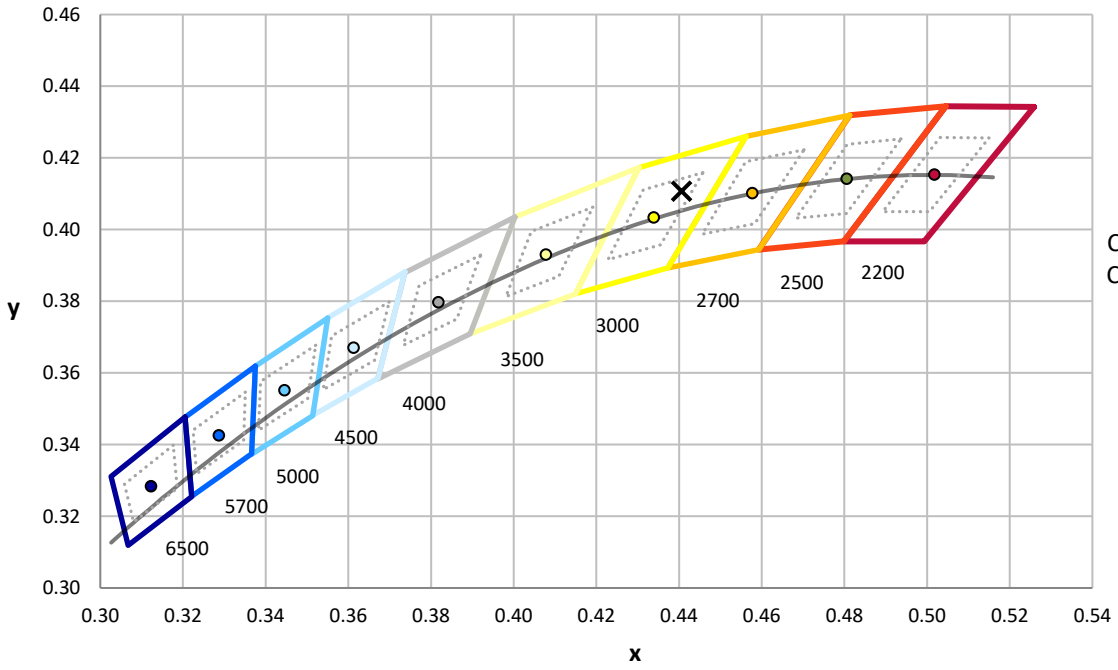
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

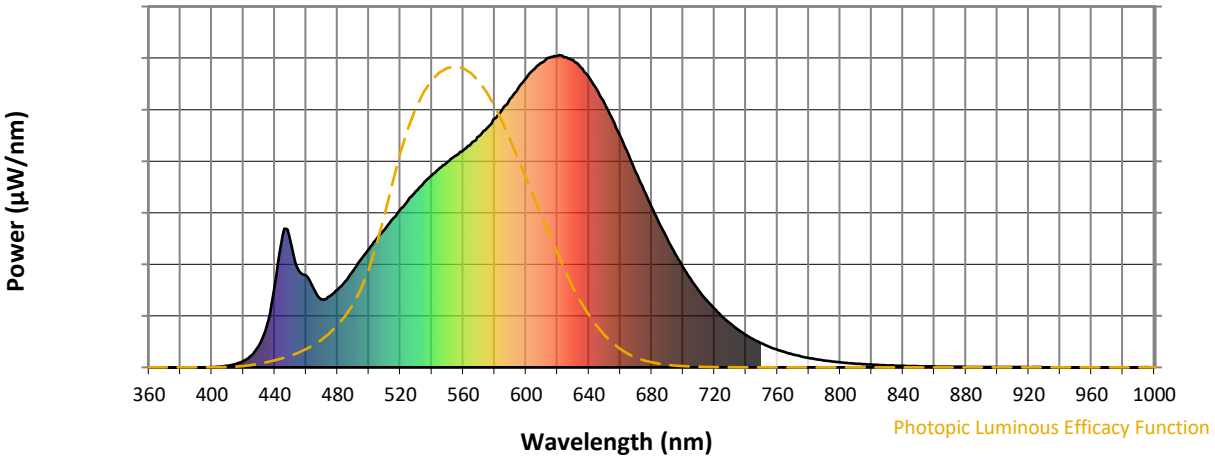


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

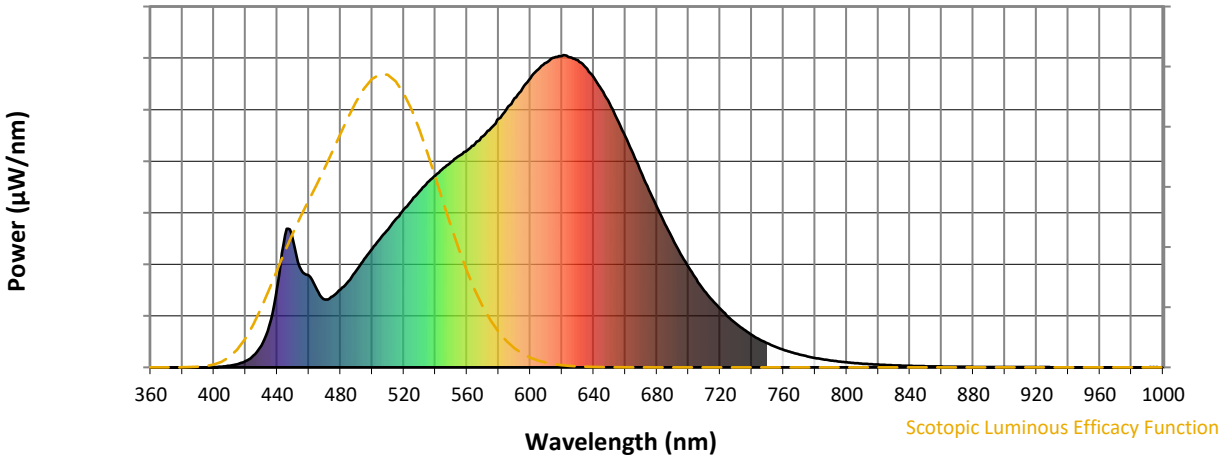


Photopic Lumens: NR

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

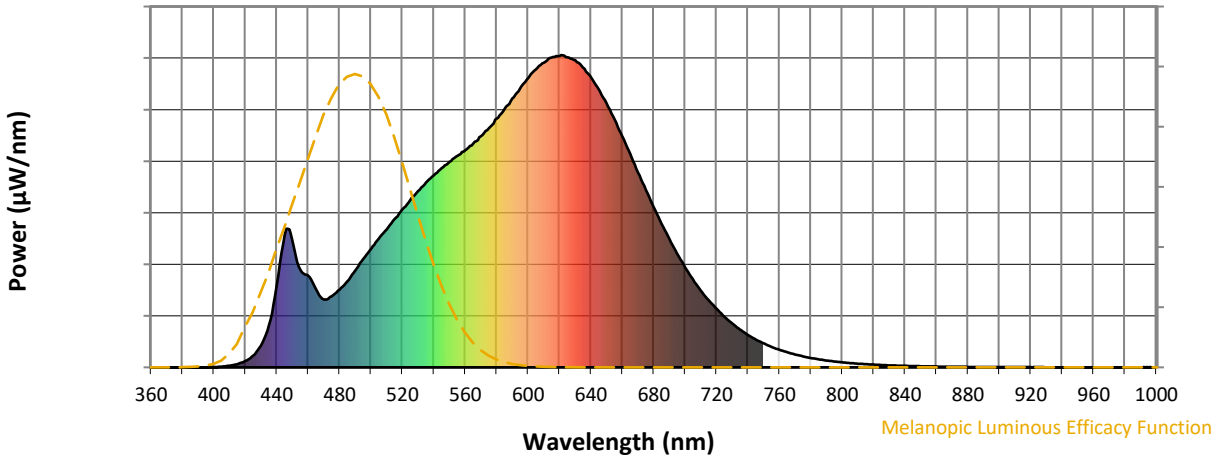


Scotopic Lumens: NR **S/P: 1.39**

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			

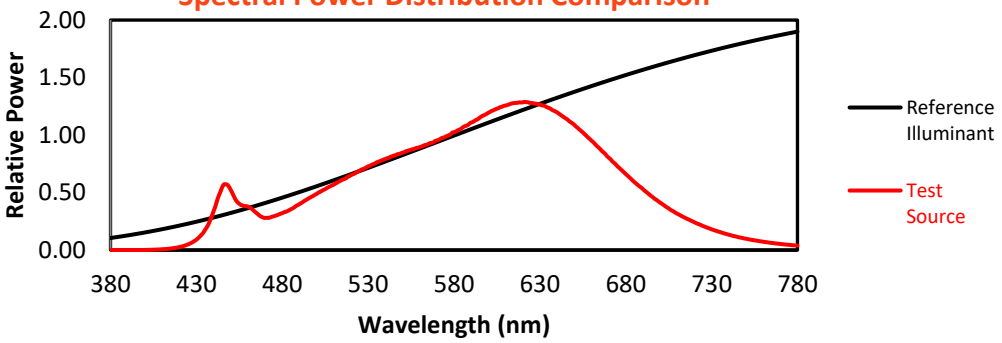
REPORT NUMBER: SP1-2407-184-14

TM-30-18

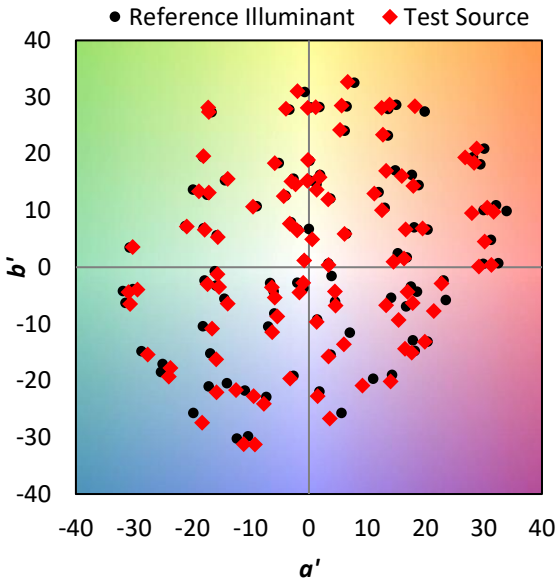
Summary

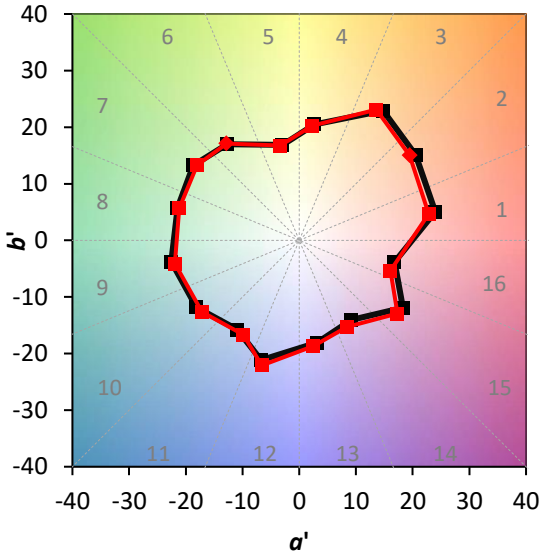
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

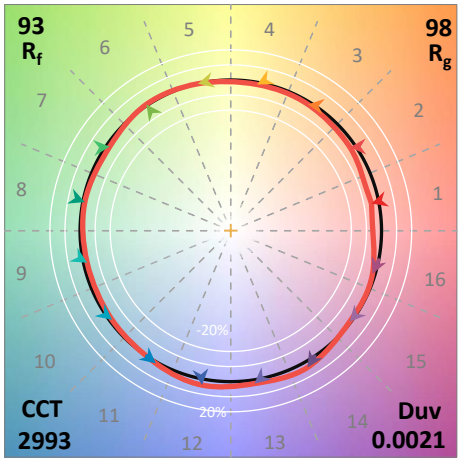
Spectral Power Distribution Comparison

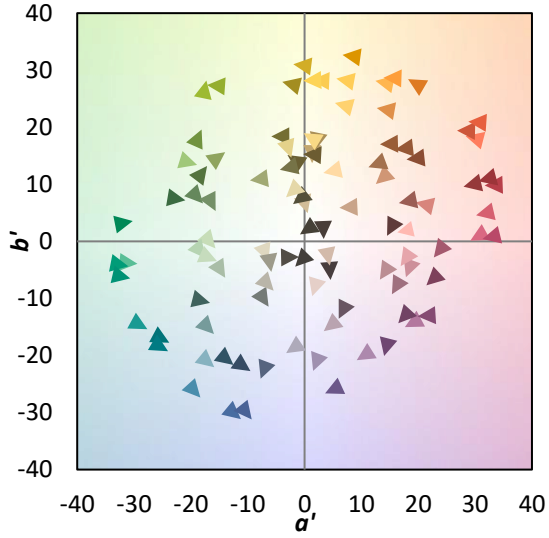


Color Vector Graphics







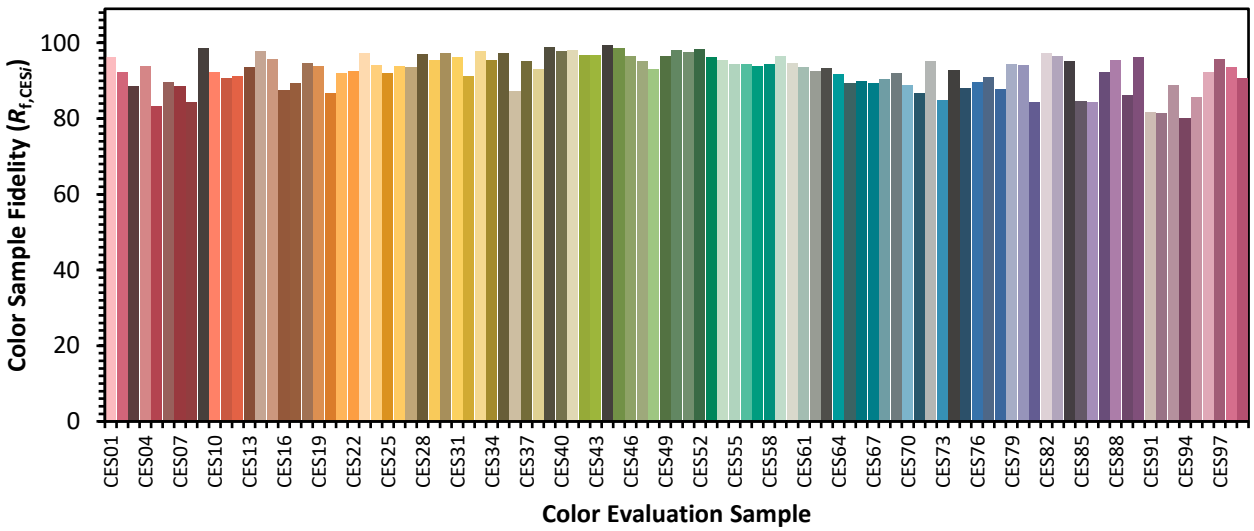


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

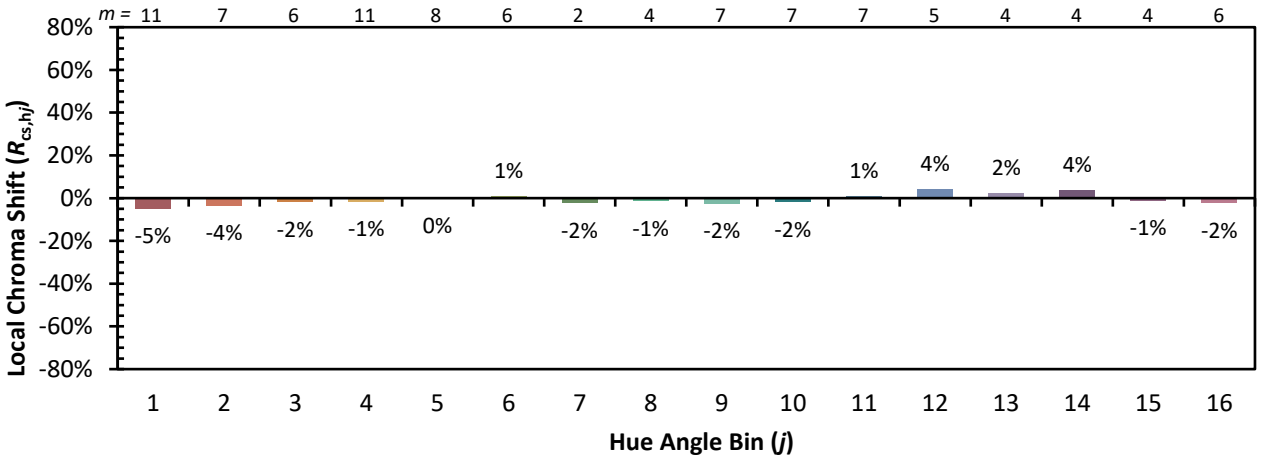
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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	

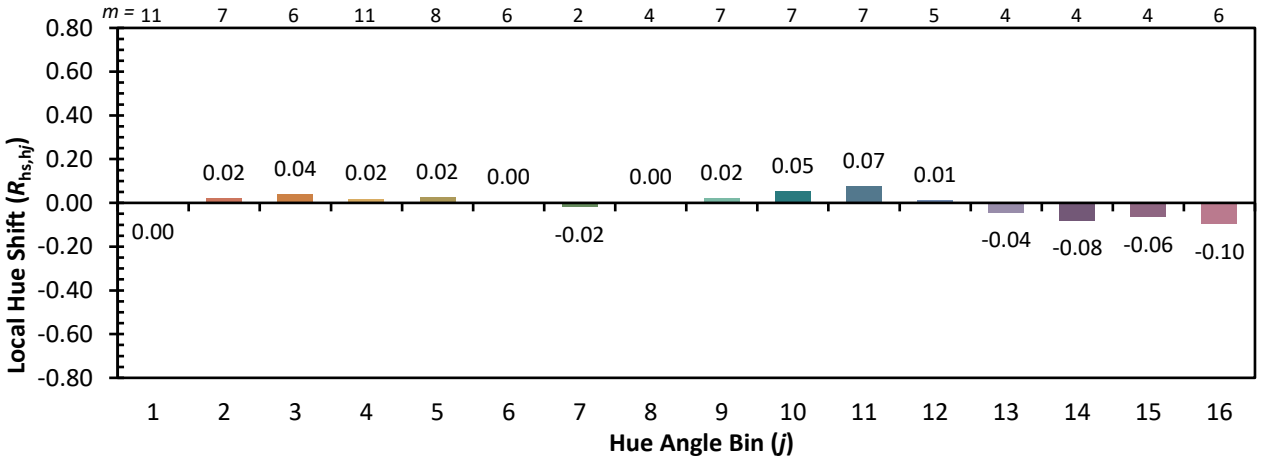


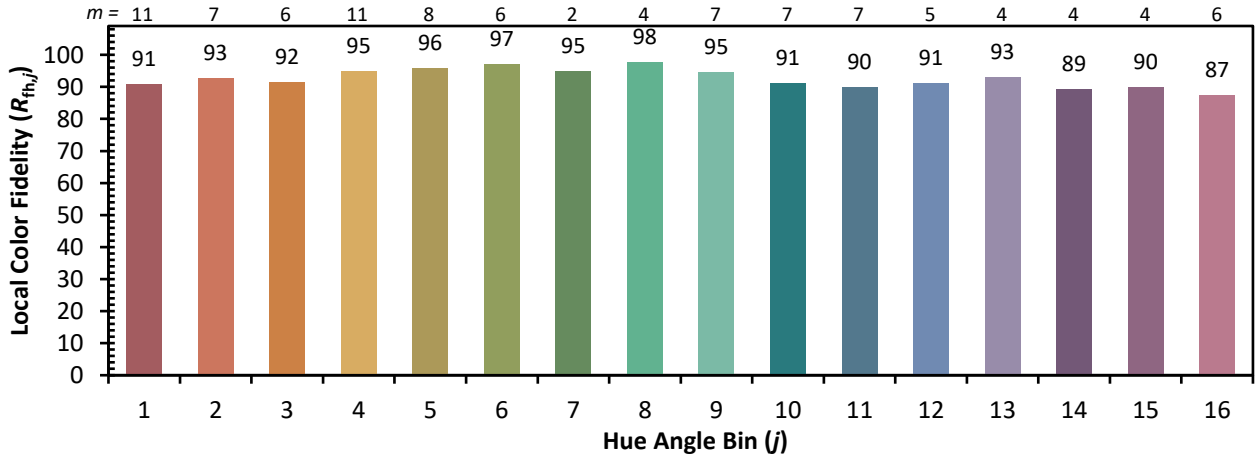
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



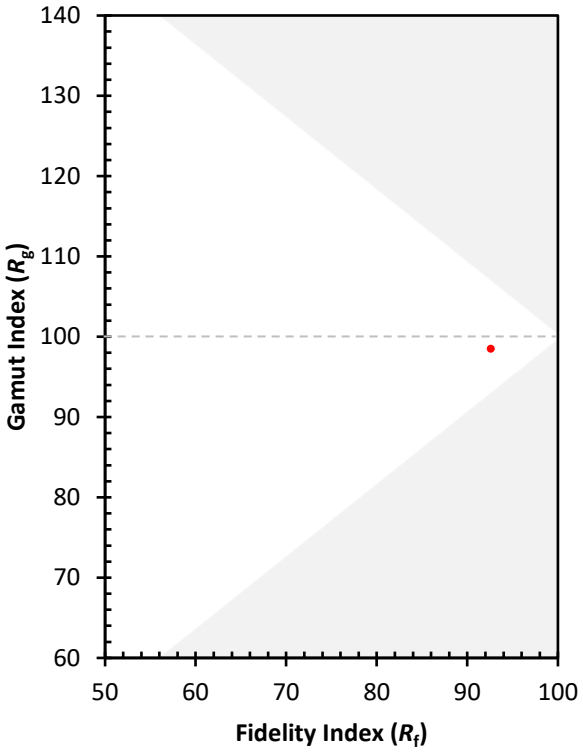


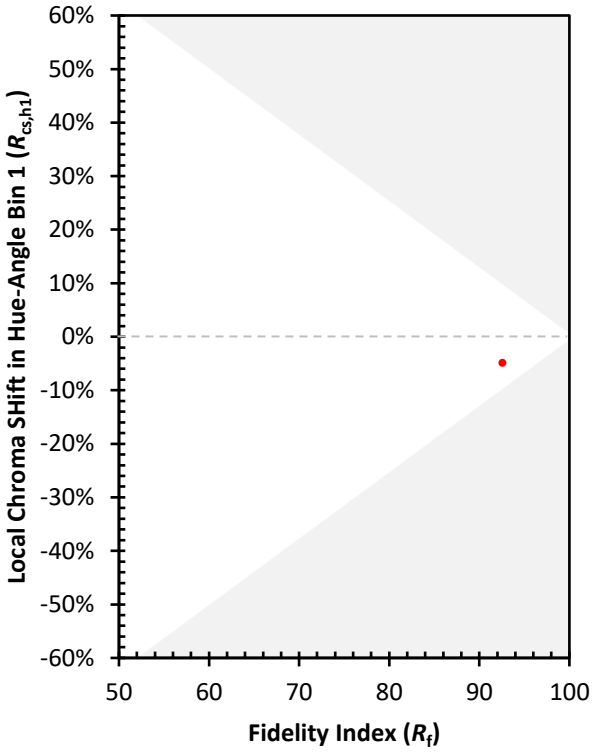


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)