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: P1063151

Luminaire Tested: **GLAN-SA9C-930-U-T3BC**

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:	P1063151
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-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35727.7 lumens
Efficiency:	N/A
Efficacy:	85.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

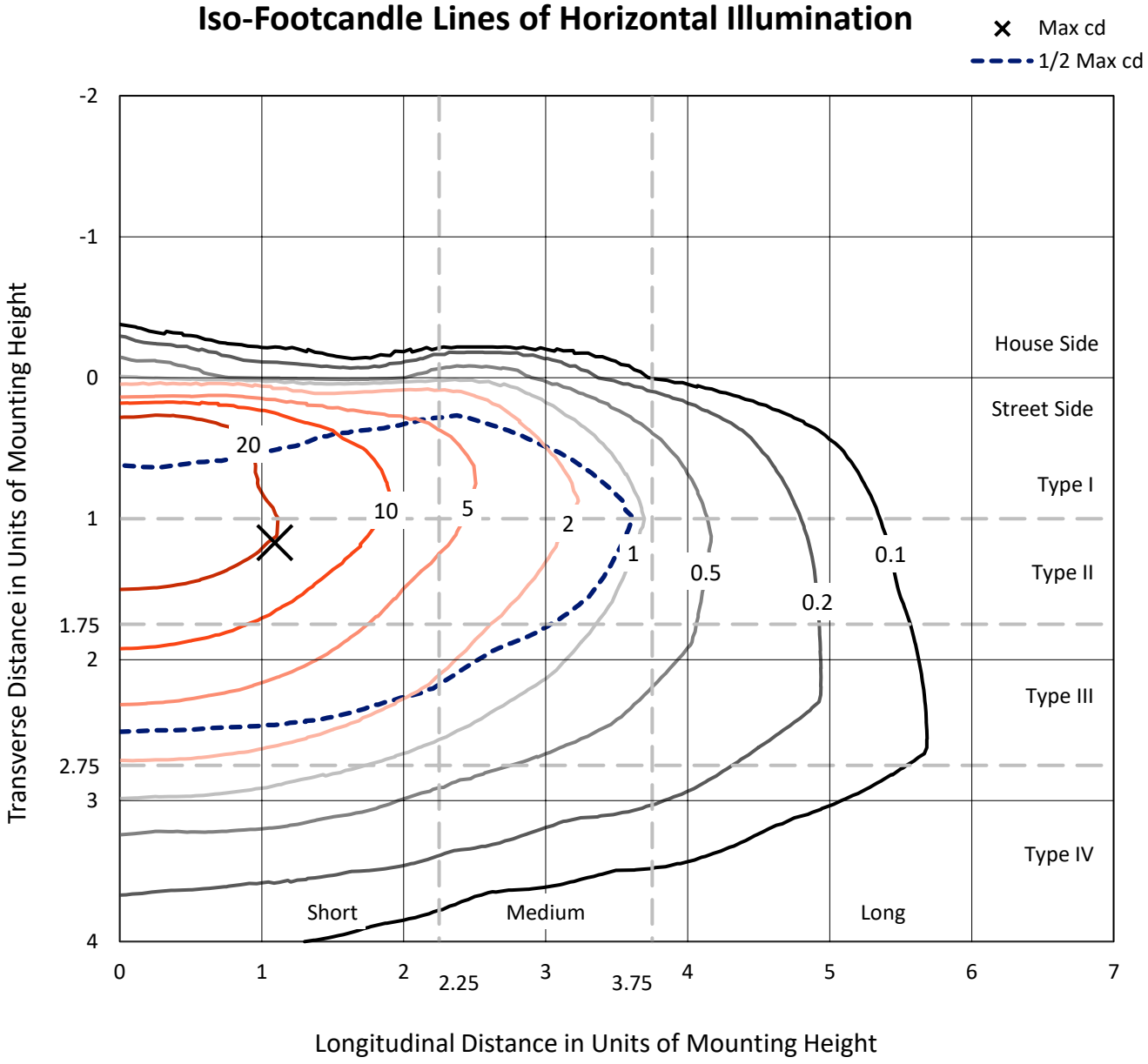
Input Watts (W):	417.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



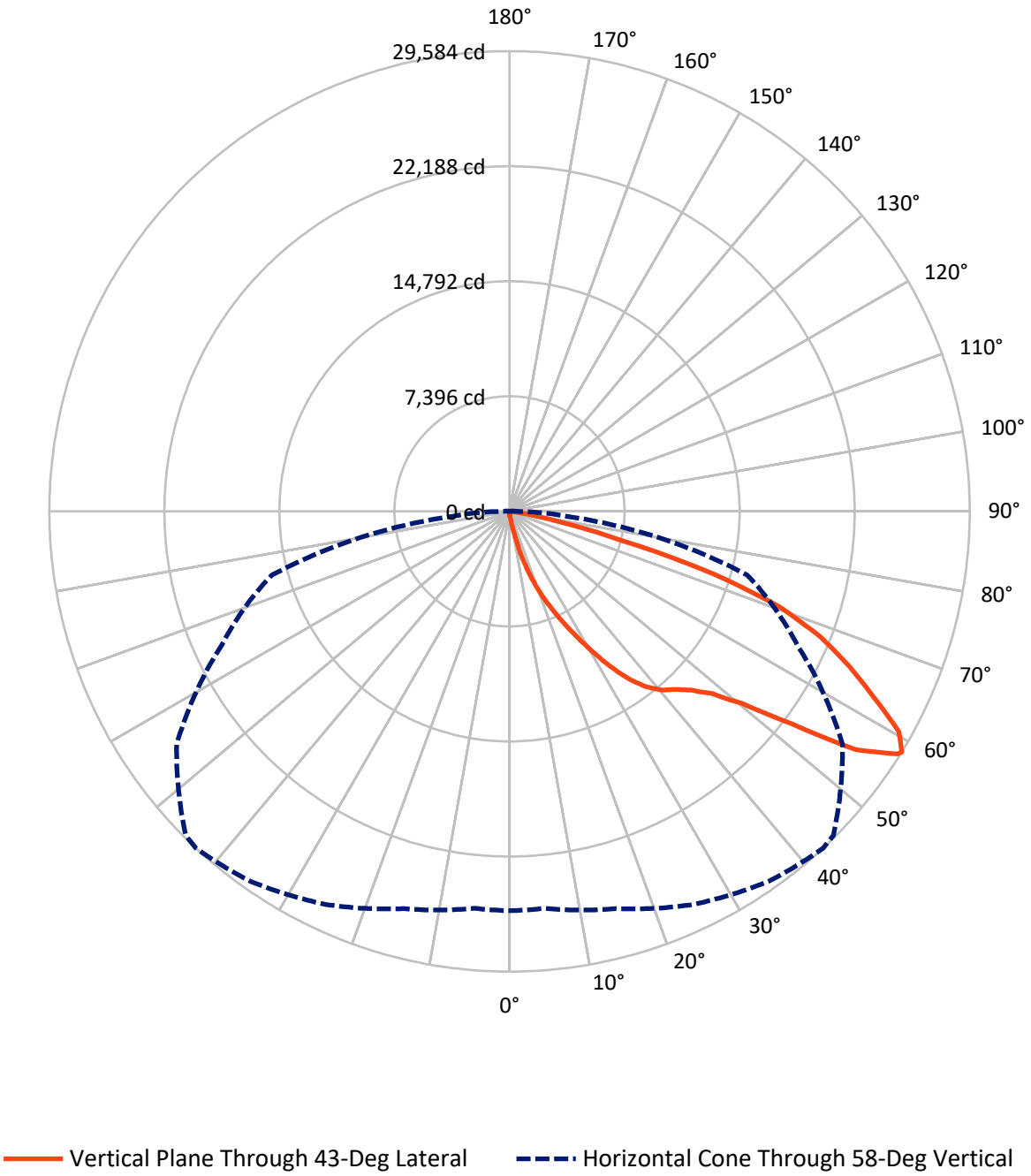
Based on 15 foot mounting height. Maximum calculated value = 40.1 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

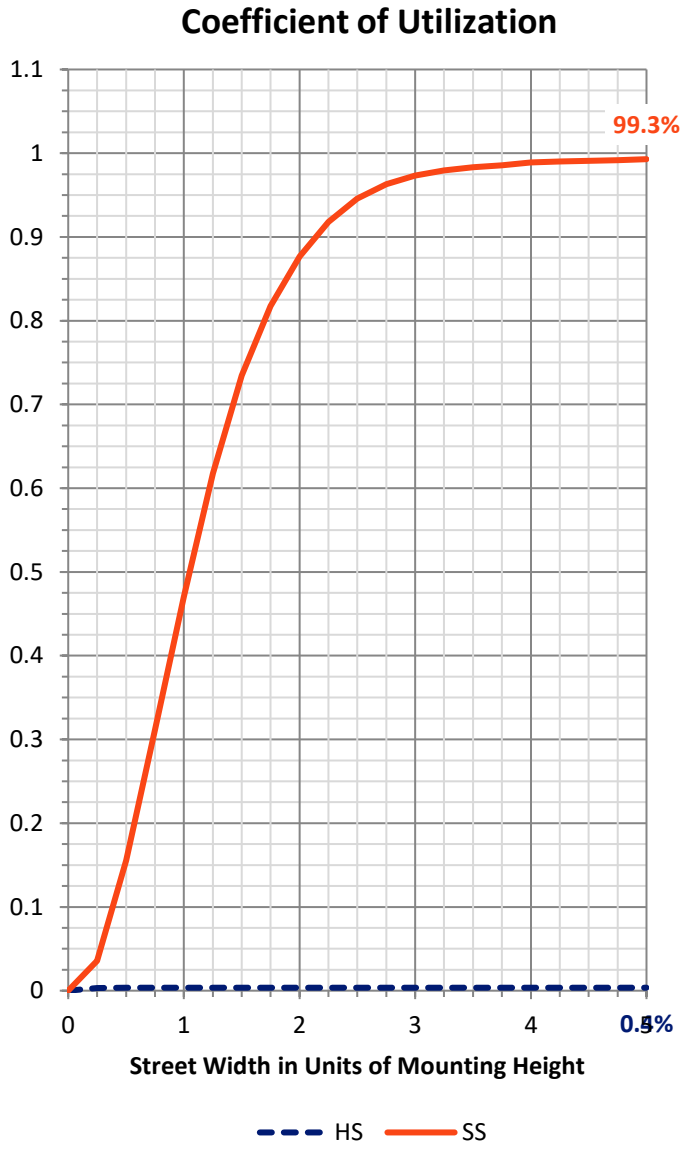
REPORT NUMBER: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.4	0.0	130.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35597.3	0.0	35597.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	35727.7	0.0	35727.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	0.1
10°-20°	410.7	1.1
20°-30°	1480.2	4.1
30°-40°	3386.8	9.5
40°-50°	5712.2	16.0
50°-60°	9426.4	26.4
60°-70°	10535.3	29.5
70°-80°	4349.8	12.2
80°-90°	392.1	1.1
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°	35727.7	100.0
0°-180°	35727.7	100.0



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

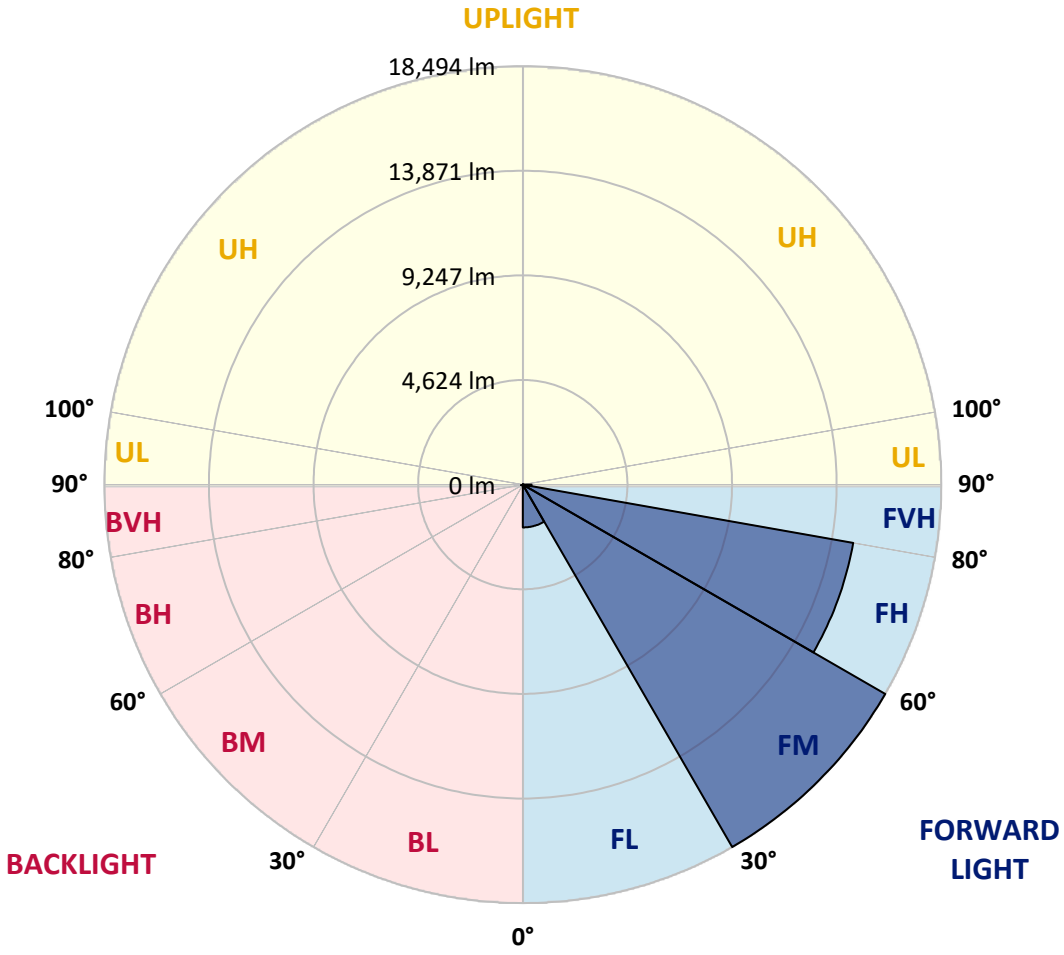
Scaled Data Report

REPORT NUMBER: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1891.1	5.3			
FM	(30°-60°)	18494.0	51.8			
FH	(60°-80°)	14825.3	41.5			G5
FVH	(80°-90°)	386.8	1.1			G3/500
BL	(0°-30°)	34.0	0.1	B0/110		
BM	(30°-60°)	31.3	0.1	B0/220		
BH	(60°-80°)	59.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	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 III Short



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

Scaled Data Report

REPORT NUMBER: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	233.6	233.6	233.6	233.6	233.6	*233.6*	233.6	233.6	233.6	233.6	233.6
2.5°	280.3	289.7	280.3	280.3	280.3	*271.0*	271.0	261.6	261.6	252.3	243.0
5°	411.1	411.1	383.1	364.4	345.7	*336.4*	327.0	308.4	289.7	271.0	252.3
7.5°	915.7	915.7	831.6	719.5	570.0	*485.9*	467.2	383.1	327.0	289.7	252.3
10°	2186.6	2186.6	1999.7	1691.3	1308.2	*971.8*	869.0	551.3	392.5	308.4	261.6
12.5°	3634.9	3681.6	3448.0	3055.6	2485.6	*1896.9*	1691.3	1009.2	523.3	336.4	261.6
15°	4933.8	4821.6	4756.2	4382.5	3840.5	*3139.7*	2878.0	1700.7	756.9	383.1	261.6
17.5°	5812.1	5812.1	5718.7	5466.4	4971.1	*4354.4*	4139.5	2747.2	1224.1	439.2	271.0
20°	6840.0	6840.0	6671.8	6494.3	6055.1	*5531.8*	5326.2	3905.9	1896.9	560.7	271.0
22.5°	8082.8	8101.5	7914.6	7596.9	7176.4	*6597.1*	6419.5	4980.5	2747.2	747.5	280.3
25°	9596.6	9615.2	9344.3	9045.2	8400.5	*7774.4*	7503.4	6213.9	3784.4	1046.6	280.3
27.5°	11269.2	11400.0	10998.2	10484.3	9802.1	*9017.2*	8811.6	7325.9	4812.3	1476.4	299.0
30°	13353.0	13353.0	12820.3	12100.8	11362.6	*10390.8*	10129.2	8493.9	5905.6	2046.4	317.7
32.5°	15147.1	15006.9	14324.8	13567.9	12783.0	*11876.6*	11596.2	9718.0	7026.9	2756.6	355.1
35°	16520.7	16399.2	15558.2	14745.2	14063.1	*13231.5*	12895.1	11044.9	8213.6	3560.2	411.1
37.5°	17698.0	17651.3	16511.3	15492.8	15044.3	*14315.4*	14016.4	12297.1	9381.6	4429.2	476.6
40°	18987.5	18838.0	17623.3	16361.8	15689.0	*15100.3*	14829.3	13306.2	10503.0	5447.7	570.0
42.5°	20090.2	19912.6	18819.3	17585.9	16436.6	*15642.3*	15380.7	14156.6	11596.2	6466.2	691.5
45°	21314.3	21220.8	20118.2	19183.8	17651.3	*16380.5*	16034.8	14838.7	12596.1	7681.0	850.3
47.5°	23155.1	22986.9	21959.0	21192.8	19417.4	*17501.8*	17006.6	15539.5	13558.5	8877.1	1093.3
50°	25294.9	25182.8	24575.4	23968.0	22202.0	*19417.4*	18828.7	16548.7	14633.1	10297.4	1411.0
52.5°	27042.3	27023.6	27098.4	27107.7	25771.5	*22641.2*	21762.8	18174.6	15866.6	11699.0	1859.5
55°	27004.9	27089.0	27911.3	28855.1	28957.9	*27042.3*	26192.0	20912.5	17473.8	13427.7	2485.6
57.5°	25995.7	25930.3	26799.4	28219.7	29219.5	*29425.1*	29284.9	25164.1	19893.9	15511.5	3448.0
58°	*25668.7*	*25612.6*	*26434.9*	*27883.3*	*29032.6*	*29583.9*	*29443.8*	*26126.6*	*20435.9*	*15810.5*	*3709.7*
60°	24482.0	24491.3	24977.2	26294.8	27444.1	*28752.3*	28883.1	28873.8	23136.4	17810.2	5027.2
62.5°	22912.1	22837.4	23285.9	24360.5	25369.7	*26248.0*	26472.3	29060.7	27089.0	20351.8	7540.8
65°	20744.3	20632.1	21108.7	22323.4	23407.4	*23977.4*	23986.7	26556.4	28948.5	23080.3	11129.0
67.5°	16716.9	16623.4	17576.6	19137.1	20809.7	*21557.2*	21893.6	23043.0	27378.7	24930.5	13184.8
70°	10241.3	10437.5	11764.4	14212.6	17072.0	*18445.6*	18950.2	19305.3	23313.9	24650.2	11026.2
72.5°	4728.2	4494.6	5625.2	7335.2	10596.4	*13652.0*	14175.2	15567.5	18483.0	21398.4	8223.0
75°	2205.2	2121.1	2382.8	3205.1	4803.0	*7372.6*	8325.7	12427.9	14175.2	14885.4	5933.6
77.5°	1130.7	1140.0	1354.9	1457.7	1981.0	*3410.7*	3915.2	8176.2	10390.8	8307.1	3980.7
80°	495.2	513.9	523.3	570.0	803.6	*1317.5*	1485.7	3793.8	7101.6	4233.0	2177.2
82.5°	317.7	327.0	327.0	327.0	383.1	*523.3*	598.0	1523.1	3541.5	2102.5	672.8
85°	168.2	168.2	186.9	233.6	271.0	*317.7*	336.4	485.9	1168.0	626.1	158.9
87.5°	93.4	102.8	112.1	140.2	177.5	*214.9*	233.6	336.4	448.5	429.8	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: P1063151
CATALOG NUMBER: GLAN-SA9C-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6
2.5°	243.0	233.6	224.3	214.9	205.6	196.2	196.2	196.2	196.2	196.2	196.2
5°	233.6	224.3	214.9	196.2	177.5	168.2	158.9	149.5	149.5	149.5	149.5
7.5°	233.6	224.3	196.2	177.5	158.9	140.2	121.5	121.5	121.5	121.5	121.5
10°	233.6	214.9	186.9	158.9	130.8	112.1	102.8	93.4	93.4	93.4	93.4
12.5°	233.6	205.6	177.5	140.2	112.1	93.4	84.1	74.8	74.8	74.8	74.8
15°	233.6	205.6	168.2	130.8	102.8	74.8	65.4	56.1	56.1	56.1	56.1
17.5°	224.3	196.2	158.9	112.1	84.1	56.1	46.7	37.4	37.4	46.7	46.7
20°	214.9	186.9	140.2	93.4	65.4	46.7	28.0	28.0	28.0	28.0	28.0
22.5°	214.9	186.9	130.8	84.1	56.1	28.0	18.7	18.7	18.7	18.7	28.0
25°	214.9	177.5	112.1	65.4	37.4	18.7	9.3	9.3	9.3	9.3	9.3
27.5°	214.9	177.5	102.8	56.1	28.0	18.7	9.3	0.0	0.0	0.0	0.0
30°	205.6	168.2	93.4	46.7	18.7	9.3	0.0	0.0	0.0	0.0	0.0
32.5°	205.6	158.9	74.8	37.4	18.7	9.3	0.0	0.0	0.0	0.0	0.0
35°	214.9	149.5	65.4	28.0	9.3	0.0	0.0	0.0	0.0	0.0	9.3
37.5°	224.3	140.2	56.1	18.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	233.6	130.8	56.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	252.3	130.8	46.7	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	271.0	130.8	37.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	308.4	140.2	37.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	336.4	149.5	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	373.8	140.2	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	420.5	140.2	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	457.9	130.8	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*476.6*	*121.5*	*18.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	570.0	112.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	887.7	93.4	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1803.4	84.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3363.9	74.8	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3765.7	84.1	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2373.4	65.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1252.1	65.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	626.1	65.4	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	289.7	46.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	121.5	28.0	18.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	56.1	28.0	18.7	18.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0
87.5°	28.0	28.0	28.0	18.7	18.7	9.3	9.3	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

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

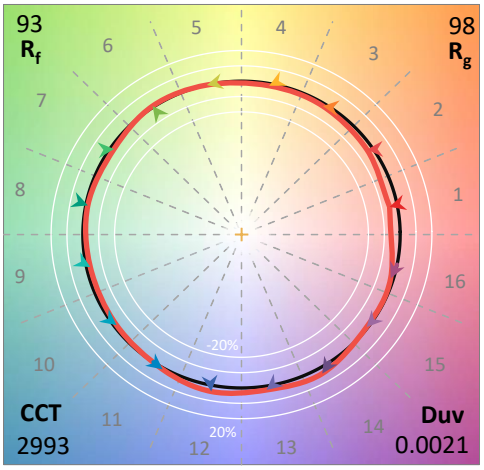
Test Information

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

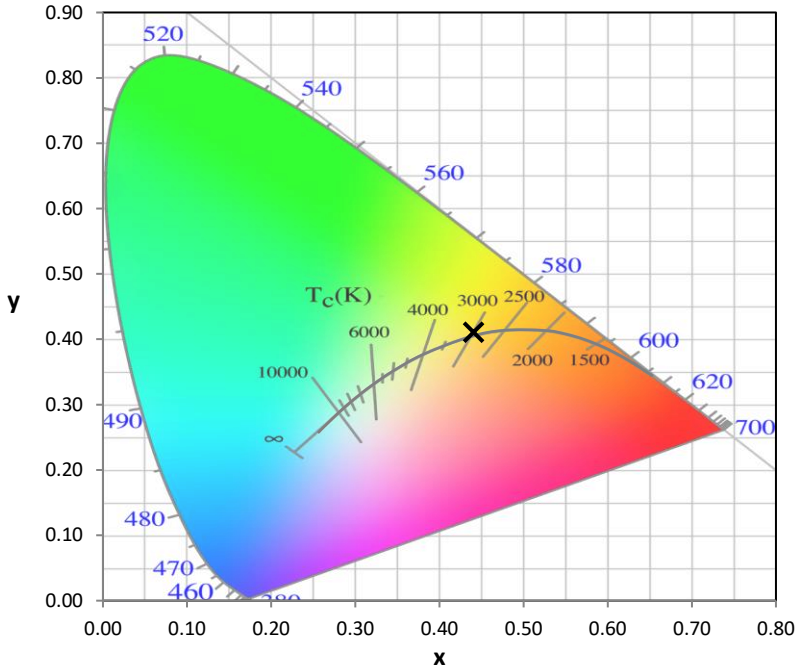
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

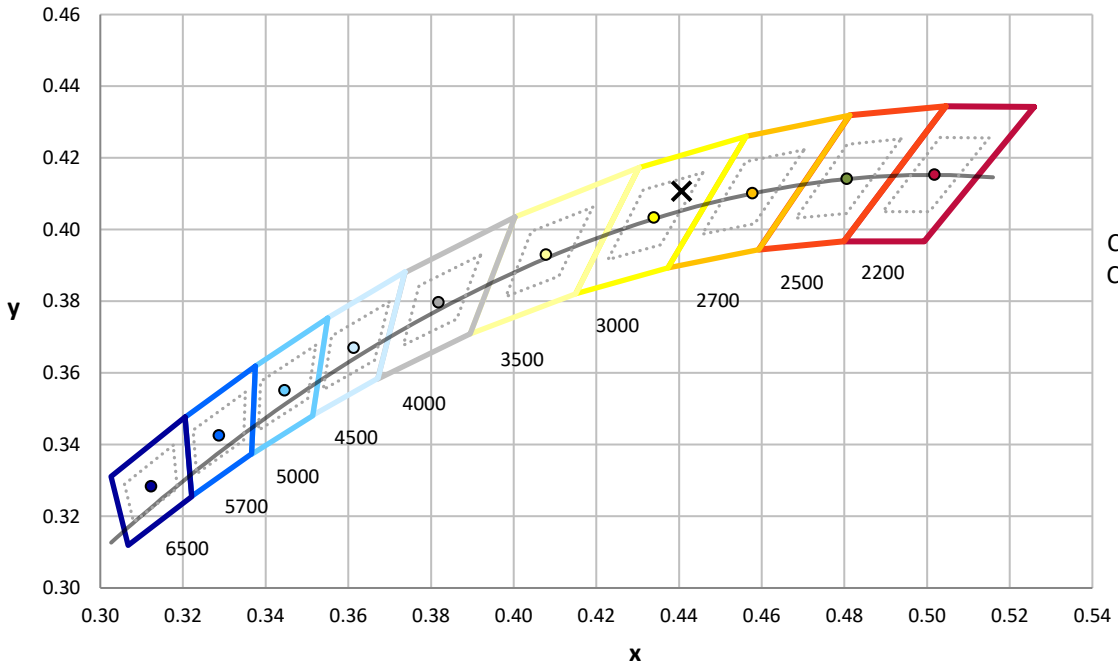
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

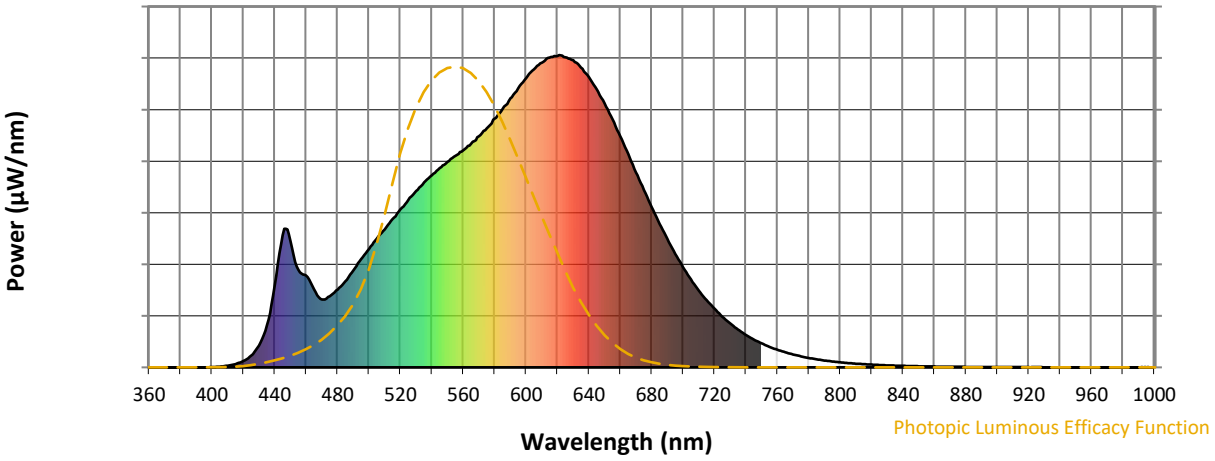


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

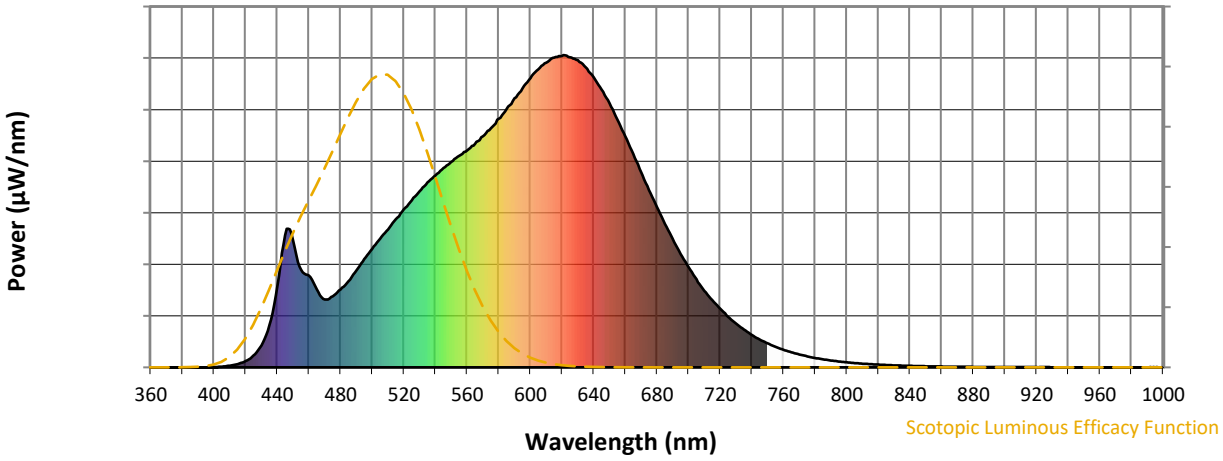


Photopic Lumens: NR

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

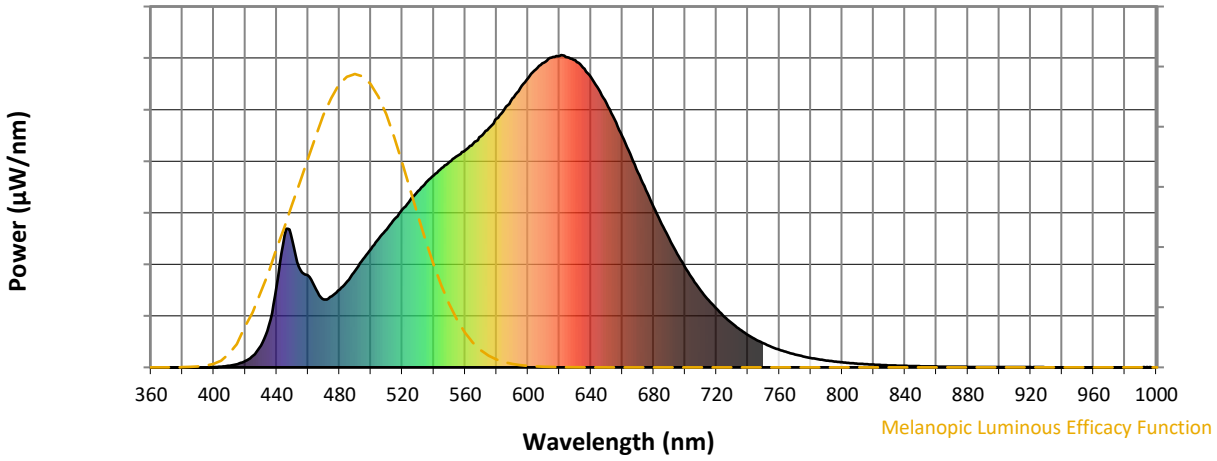


Scotopic Lumens: NR **S/P: 1.39**

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			

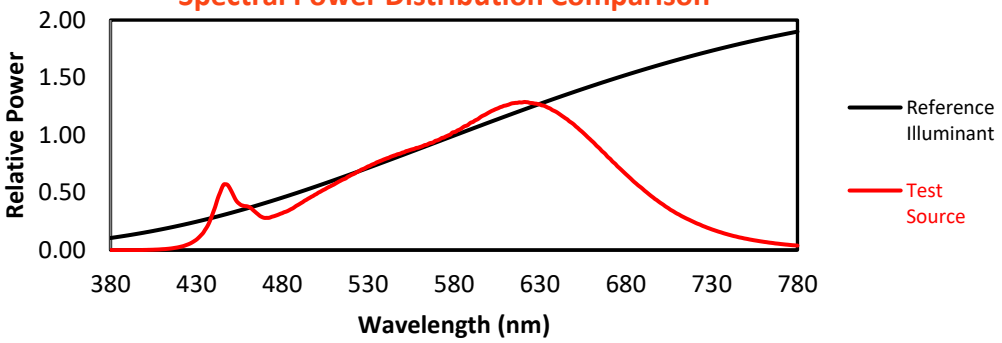
REPORT NUMBER: SP1-2407-184-14

TM-30-18

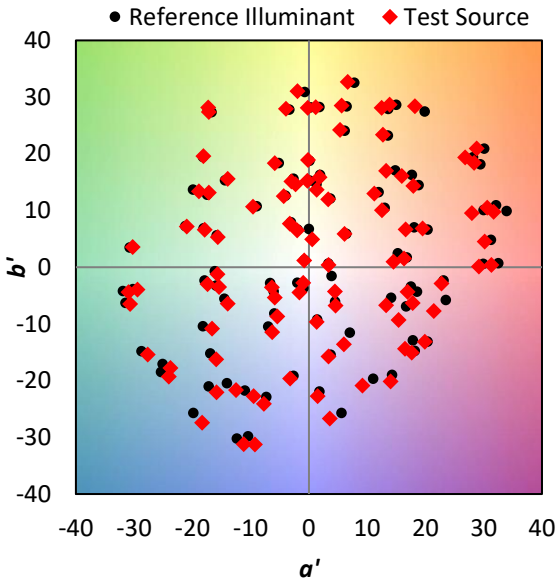
Summary

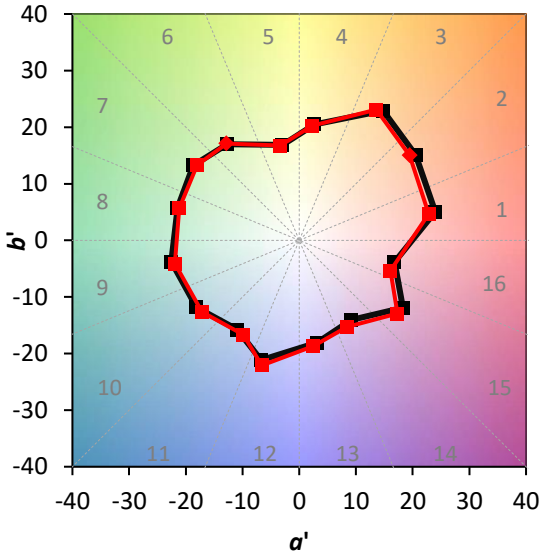
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

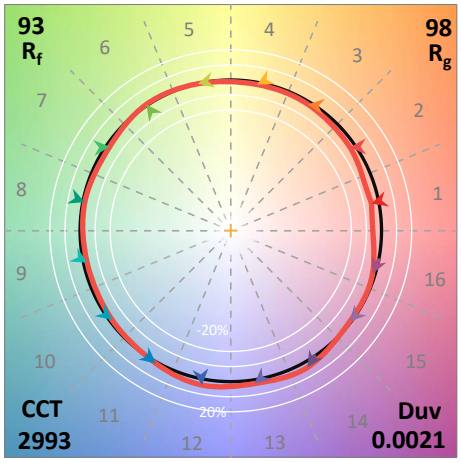
Spectral Power Distribution Comparison

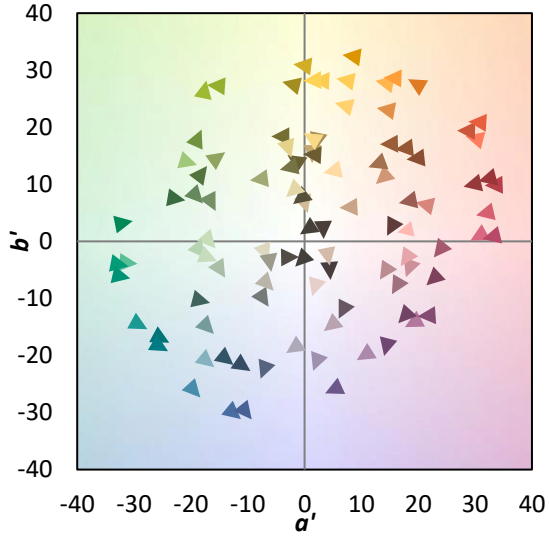


Color Vector Graphics







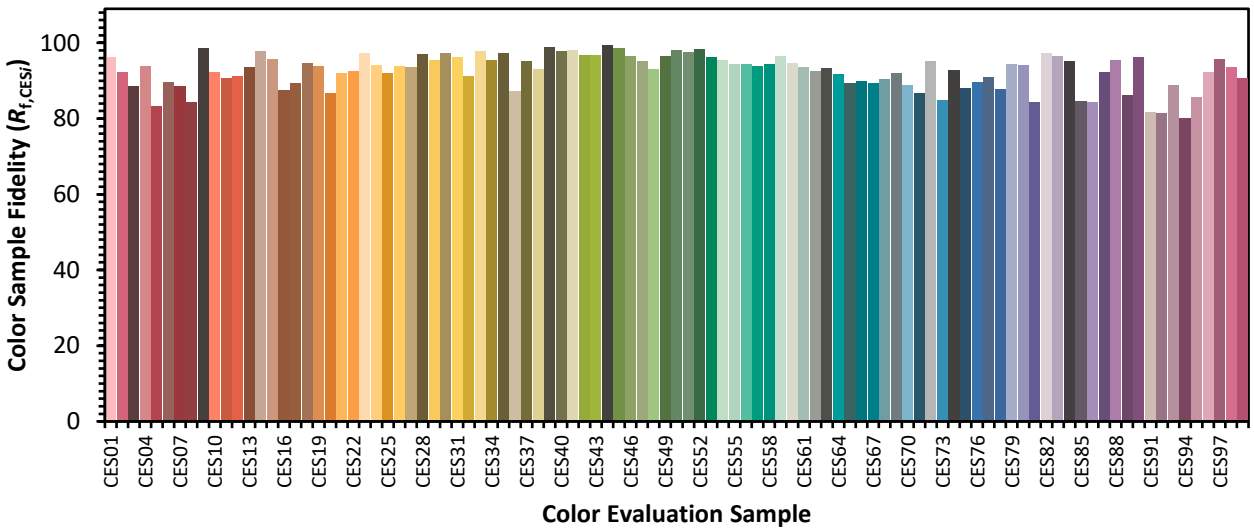


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

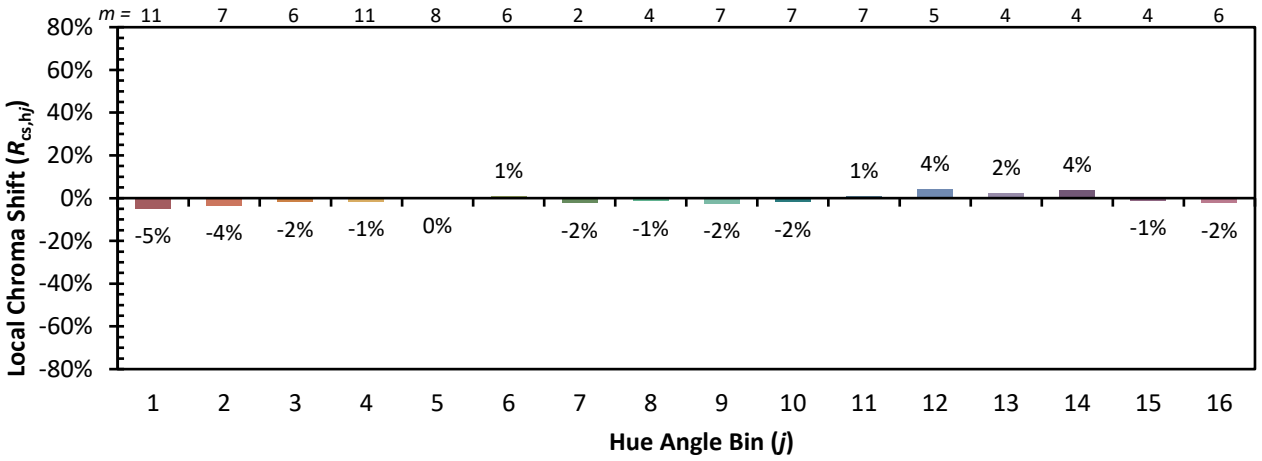
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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

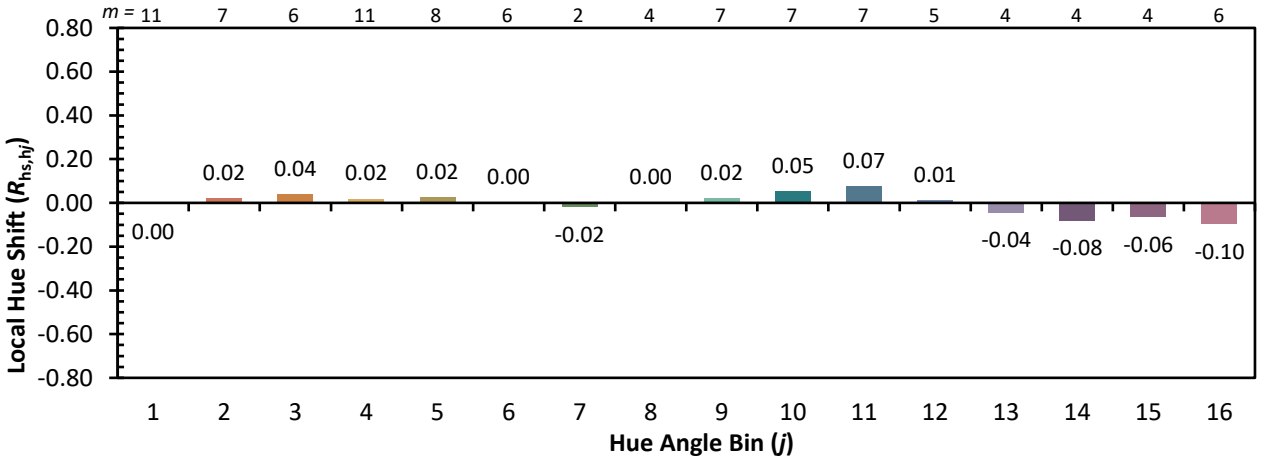


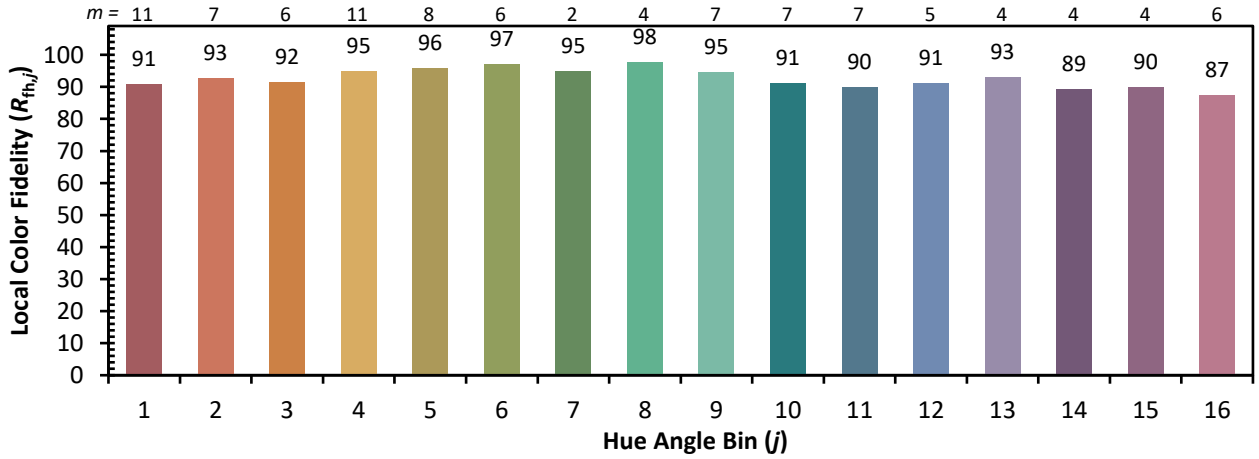
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



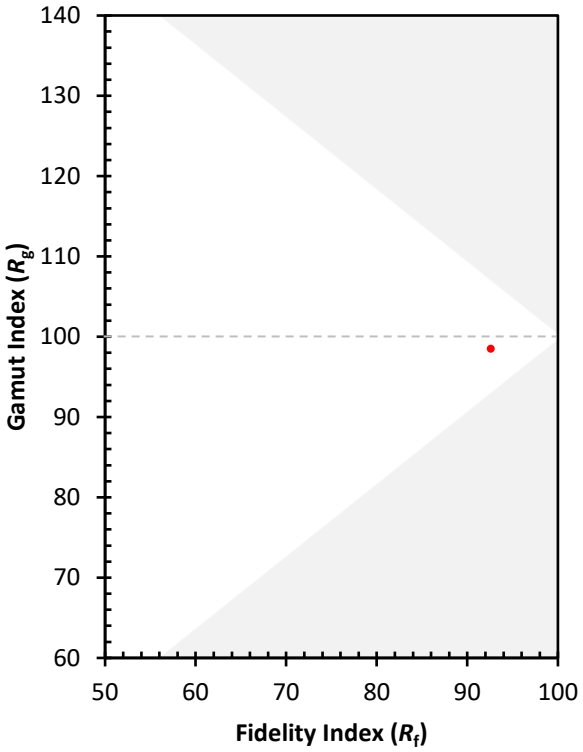


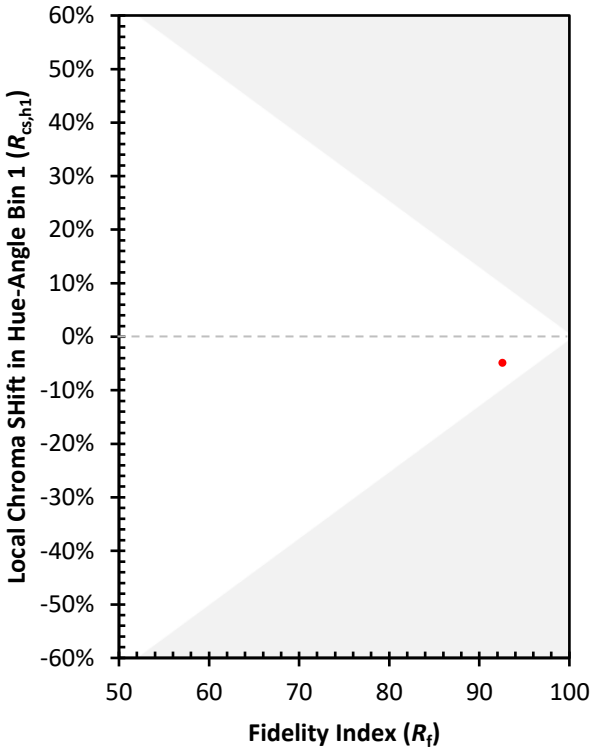


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)