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: P1064157

Luminaire Tested: **GLAN-SA9A-827-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:	P1064157
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA9A-827-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28065 lumens
Efficiency:	N/A
Efficacy:	114.7 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

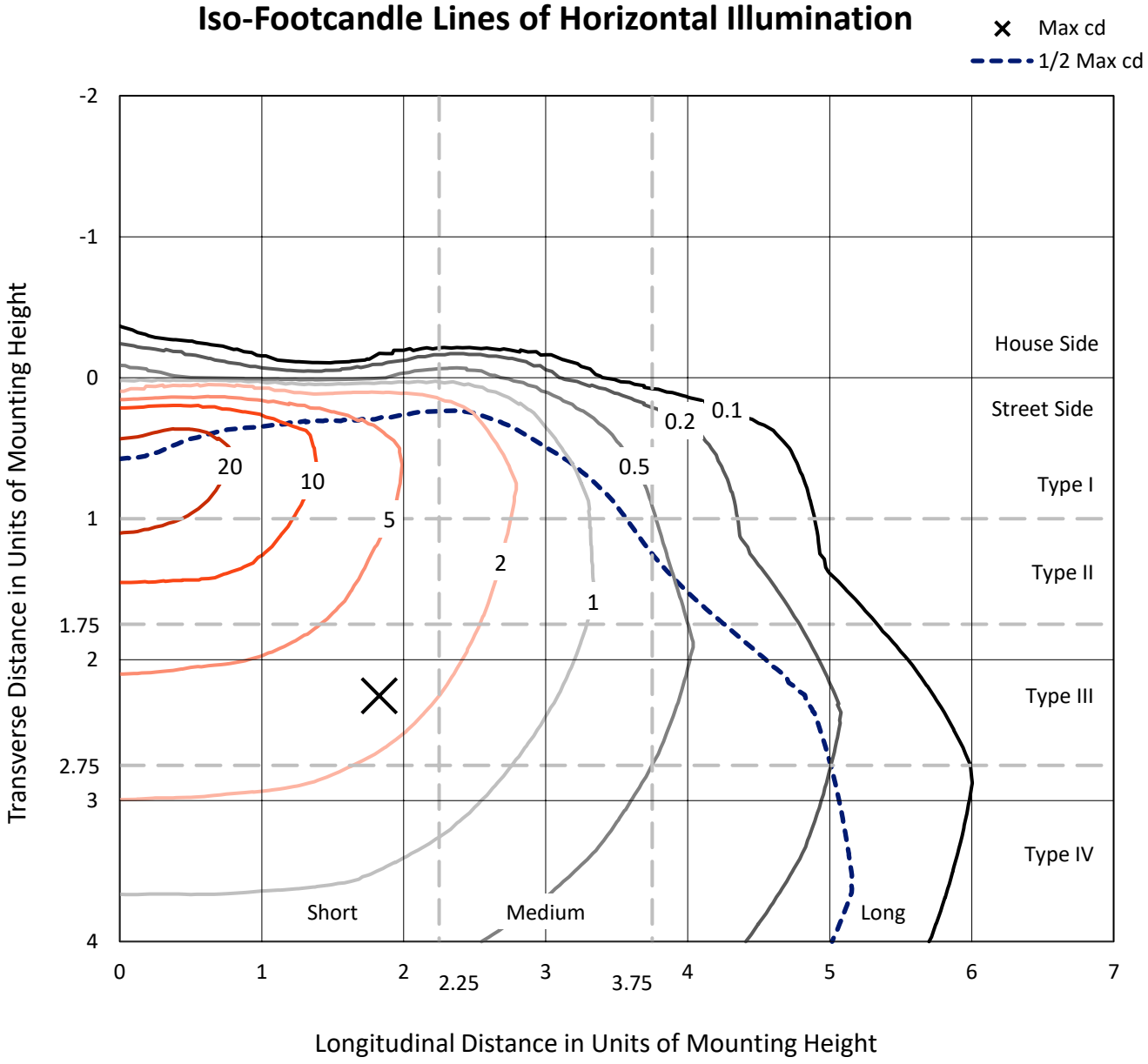
Input Watts (W):	244.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



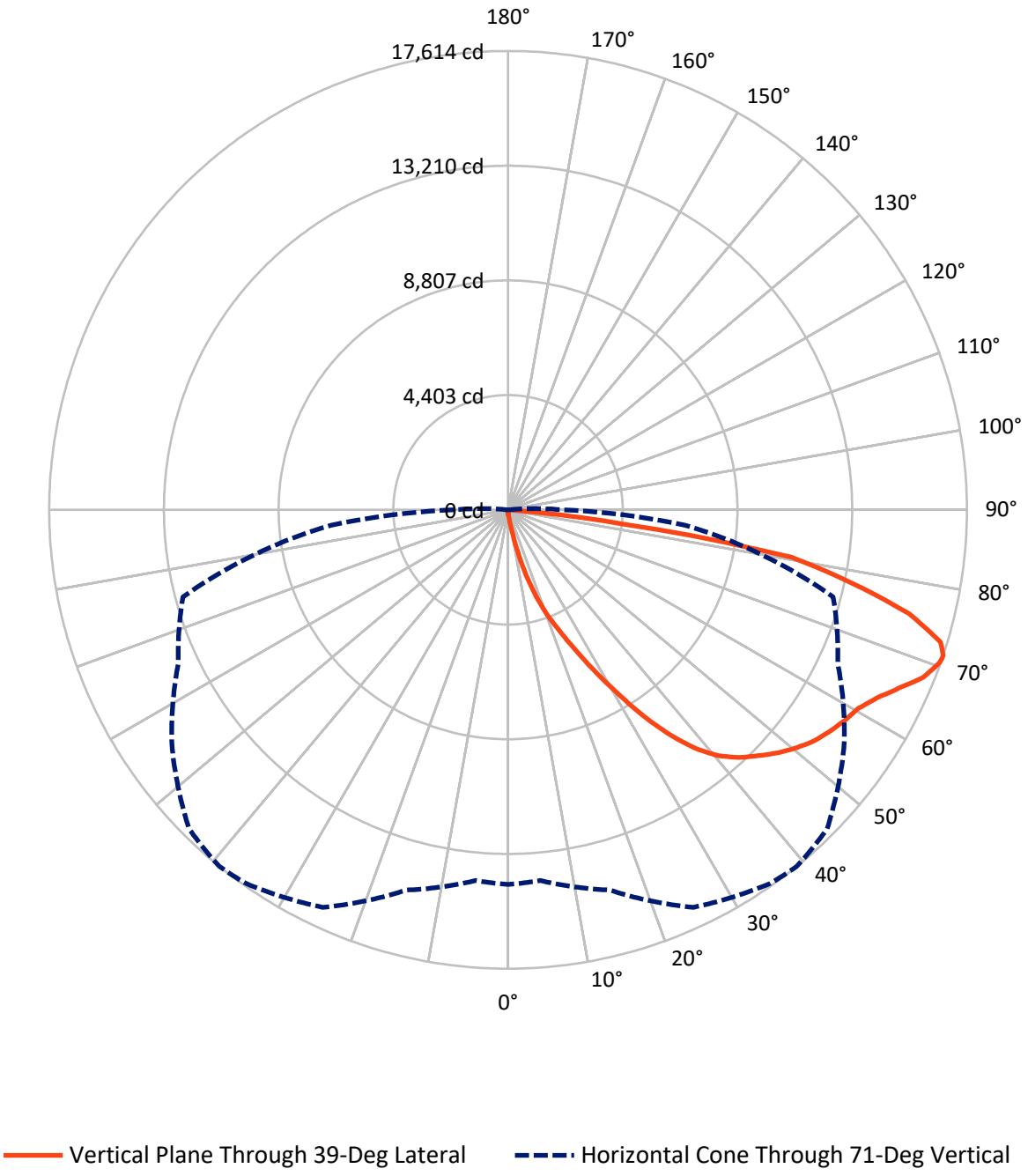
Based on 15 foot mounting height. Maximum calculated value = 28.9 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

Luminous Intensity Polar Plot



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

Scaled Data Report

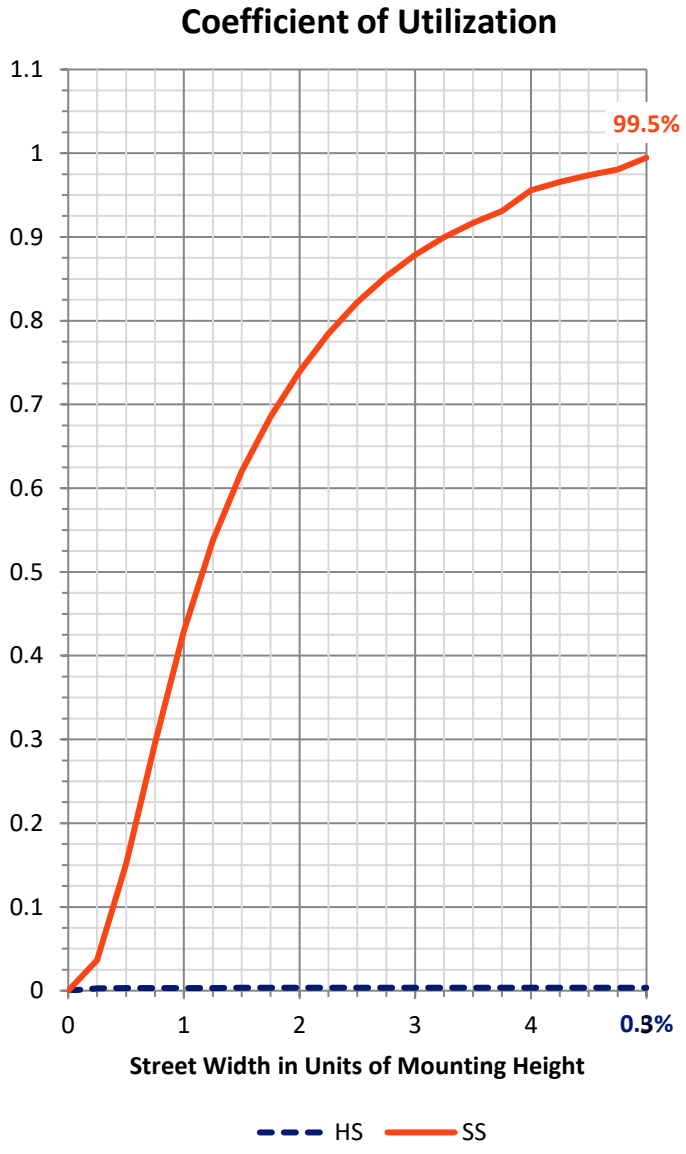
REPORT NUMBER: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.7	0.0	99.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27965.2	0.0	27965.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	28065.0	0.0	28065.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.5	0.1
10°-20°	300.0	1.1
20°-30°	1068.2	3.8
30°-40°	2574.5	9.2
40°-50°	4308.7	15.4
50°-60°	5533.9	19.7
60°-70°	7003.2	25.0
70°-80°	6243.7	22.2
80°-90°	1009.3	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°	28065.0	100.0
0°-180°	28065.0	100.0



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

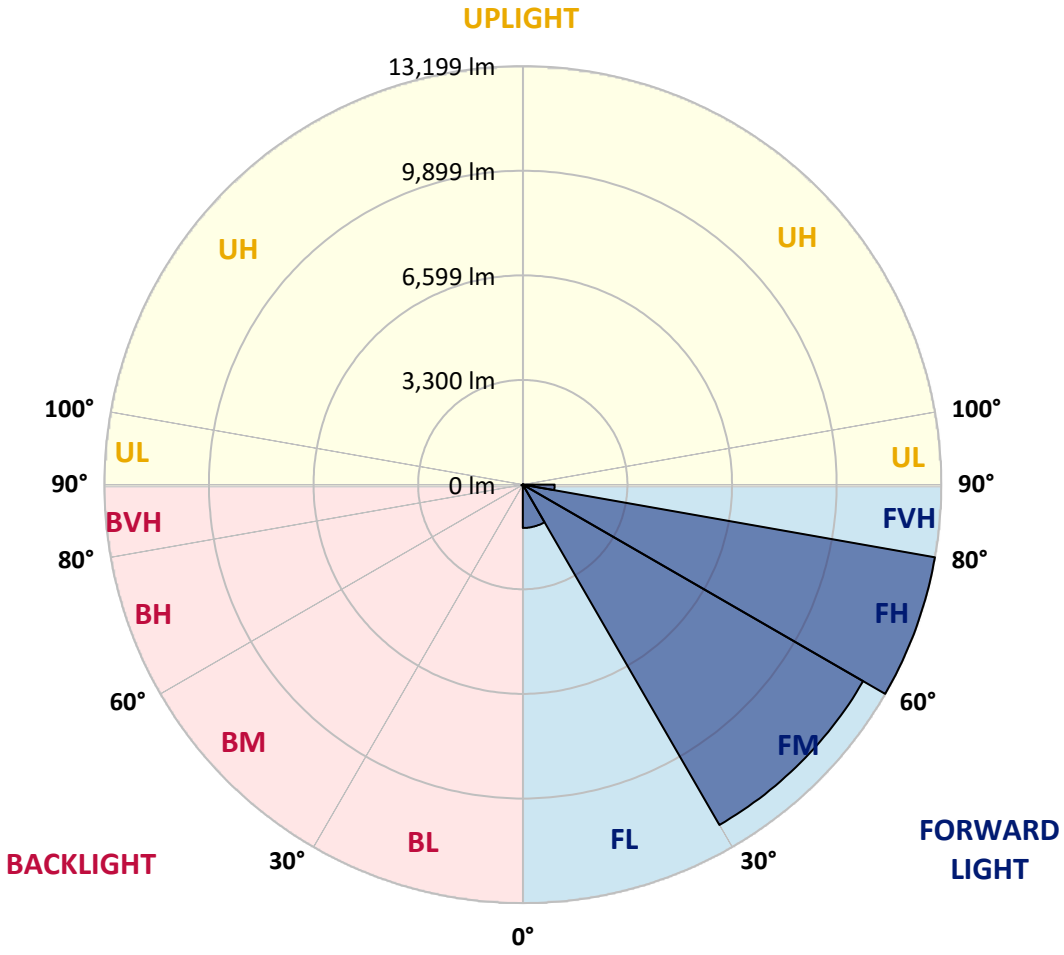
Scaled Data Report

REPORT NUMBER: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1367.5	4.9			
FM	(30°-60°)	12394.0	44.2			
FH	(60°-80°)	13199.0	47.0			G5
FVH	(80°-90°)	1004.7	3.6			G5
BL	(0°-30°)	24.1	0.1	B0/110		
BM	(30°-60°)	23.1	0.1	B0/220		
BH	(60°-80°)	48.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	153.9	153.9	153.9	153.9	153.9	*153.9*	153.9	153.9	153.9	153.9	153.9
2.5°	176.7	176.7	176.7	171.0	171.0	*169.1*	167.2	167.2	163.4	161.5	157.7
5°	267.9	262.2	248.9	241.3	226.1	*216.6*	207.1	193.8	180.5	171.0	159.6
7.5°	606.1	619.4	575.7	494.0	410.4	*374.3*	313.5	252.7	209.0	180.5	161.5
10°	1544.6	1537.0	1388.8	1225.4	946.1	*834.0*	653.5	412.3	269.8	197.6	163.4
12.5°	2627.5	2619.9	2445.1	2222.8	1854.3	*1620.6*	1278.6	769.4	387.6	224.2	163.4
15°	3537.5	3507.1	3452.0	3231.6	2800.4	*2604.7*	2152.5	1360.3	626.9	269.8	167.2
17.5°	4139.8	4113.2	4061.9	3982.1	3708.5	*3476.7*	3113.9	2137.3	1014.5	349.6	174.8
20°	4692.6	4673.6	4631.8	4616.6	4439.9	*4316.5*	4016.3	3030.3	1580.7	475.0	186.2
22.5°	5452.6	5412.7	5429.8	5338.6	5165.7	*5017.5*	4833.2	3965.0	2272.2	683.9	207.1
25°	6383.5	6364.5	6317.0	6252.4	6013.0	*5883.8*	5600.8	4846.5	3045.5	957.5	229.9
27.5°	7508.2	7487.3	7475.9	7327.7	7052.2	*6911.6*	6516.5	5678.6	3915.6	1341.3	260.3
30°	8803.9	8813.4	8739.3	8549.3	8228.2	*8030.7*	7624.1	6550.7	4806.6	1791.6	292.6
32.5°	10145.2	10126.2	10012.2	9788.0	9501.1	*9316.9*	8800.1	7506.3	5741.3	2386.2	330.6
35°	11591.0	11554.9	11254.7	10998.2	10753.1	*10521.4*	10050.2	8615.8	6676.1	3053.1	381.9
37.5°	13050.1	12881.0	12278.7	11953.8	11784.8	*11594.8*	11155.9	9799.4	7605.1	3797.8	444.6
40°	14152.0	14020.9	13306.5	12708.1	12573.2	*12411.7*	12084.9	10821.5	8593.0	4597.6	520.6
42.5°	14761.8	14689.6	14047.5	13456.6	13139.3	*12996.9*	12717.6	11714.5	9569.5	5481.1	630.7
45°	15022.1	14910.0	14480.6	14205.2	13699.8	*13464.2*	13131.7	12388.9	10589.8	6484.2	784.6
47.5°	14942.3	14877.7	14569.9	14670.6	14304.0	*13937.3*	13449.0	12905.7	11461.8	7635.5	995.5
50°	14440.7	14385.6	14290.7	14835.9	14790.3	*14357.2*	13859.4	13314.1	12174.2	8822.9	1322.3
52.5°	13487.0	13464.2	13707.4	14706.7	15065.8	*14727.6*	14254.6	13675.1	12839.2	10063.5	1789.7
55°	12257.8	12350.9	13046.3	14505.3	15206.4	*15001.2*	14604.1	14013.3	13373.0	11173.0	2479.3
57.5°	11752.5	11777.2	12645.4	14362.8	15269.1	*15242.5*	14944.2	14336.3	13863.2	12060.2	3531.8
60°	12343.3	12305.3	12763.2	14471.1	15394.5	*15459.1*	15246.3	14636.4	14288.8	12822.1	4933.9
62.5°	13411.0	13390.1	13536.4	14932.8	15761.1	*15892.2*	15666.1	14853.0	14664.9	13323.6	6533.6
65°	14364.7	14321.1	14592.7	15751.6	16405.2	*16498.3*	16300.7	15223.5	14830.2	13688.4	8036.4
67.5°	14777.0	14767.5	15204.5	16530.6	17081.5	*17182.2*	17009.3	15734.5	14792.2	13804.3	8699.4
70°	14588.9	14552.8	15252.0	16861.1	17463.4	*17577.4*	17410.2	15924.5	14379.9	13437.6	7717.2
71°	*14381.8*	*14285.0*	*15109.5*	*16838.4*	*17516.6*	*17613.5*	*17320.9*	*15751.6*	*13965.8*	*12917.1*	*6826.2*
72.5°	13739.7	13756.8	14718.1	16600.9	17389.3	*17360.8*	16815.6	15132.3	13466.1	11735.4	5483.0
75°	12159.0	12259.7	13450.9	15603.5	16253.2	*15890.3*	15056.3	13948.7	12463.0	8414.4	3807.3
77.5°	9936.2	10086.3	11395.3	13684.6	13500.3	*13464.2*	13430.0	12290.1	10642.9	4519.7	2648.4
80°	4743.9	5068.8	6873.6	9769.0	10612.6	*11021.0*	10764.5	9903.9	8230.1	2152.5	1582.6
82.5°	309.7	305.9	433.2	820.7	3459.6	*4472.2*	7105.4	7078.8	5737.5	1048.7	645.9
85°	146.3	150.1	165.3	188.1	218.5	*239.4*	330.6	1937.8	2745.3	499.7	140.6
87.5°	85.5	87.4	102.6	131.1	171.0	*190.0*	226.1	290.7	357.2	275.5	30.4
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: P1064157
CATALOG NUMBER: GLAN-SA9A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
2.5°	155.8	153.9	148.2	142.5	136.8	133.0	131.1	133.0	133.0	134.9	134.9
5°	155.8	150.1	140.6	129.2	121.6	114.0	110.2	108.3	110.2	110.2	110.2
7.5°	153.9	144.4	131.1	117.8	108.3	98.8	95.0	93.1	93.1	95.0	95.0
10°	150.1	140.6	123.5	108.3	96.9	85.5	79.8	74.1	74.1	74.1	76.0
12.5°	148.2	134.9	114.0	98.8	83.6	70.3	58.9	53.2	55.1	55.1	55.1
15°	144.4	129.2	108.3	89.3	70.3	53.2	43.7	38.0	39.9	41.8	39.9
17.5°	144.4	127.3	100.7	77.9	55.1	39.9	32.3	28.5	28.5	30.4	30.4
20°	144.4	123.5	95.0	66.5	41.8	30.4	22.8	20.9	20.9	24.7	26.6
22.5°	148.2	123.5	87.4	55.1	34.2	22.8	17.1	15.2	17.1	20.9	22.8
25°	153.9	121.6	79.8	49.4	28.5	17.1	13.3	9.5	11.4	15.2	17.1
27.5°	159.6	119.7	72.2	43.7	22.8	13.3	9.5	7.6	5.7	7.6	7.6
30°	165.3	119.7	64.6	36.1	19.0	9.5	5.7	3.8	1.9	0.0	0.0
32.5°	169.1	115.9	58.9	28.5	15.2	7.6	3.8	1.9	0.0	0.0	0.0
35°	172.9	112.1	51.3	22.8	11.4	5.7	1.9	0.0	0.0	0.0	0.0
37.5°	176.7	106.4	43.7	19.0	9.5	3.8	0.0	0.0	0.0	0.0	0.0
40°	180.5	98.8	36.1	17.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	184.3	93.1	30.4	13.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	193.8	89.3	24.7	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	210.9	85.5	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	235.6	81.7	20.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	269.8	79.8	19.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	330.6	77.9	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	435.1	76.0	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	666.8	72.2	17.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1191.2	70.3	15.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2076.5	72.2	15.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2977.1	76.0	13.3	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2547.7	66.5	13.3	7.6	3.8	1.9	0.0	0.0	0.0	0.0	0.0
71°	*2076.5*	*58.9*	*13.3*	*7.6*	*3.8*	*1.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1335.6	45.6	11.4	7.6	3.8	3.8	1.9	0.0	0.0	0.0	0.0
75°	564.3	38.0	11.4	7.6	5.7	3.8	3.8	1.9	0.0	0.0	0.0
77.5°	241.3	28.5	11.4	9.5	7.6	5.7	5.7	3.8	1.9	0.0	0.0
80°	91.2	22.8	13.3	11.4	9.5	9.5	7.6	3.8	1.9	0.0	0.0
82.5°	41.8	19.0	13.3	11.4	11.4	9.5	7.6	5.7	3.8	0.0	0.0
85°	26.6	17.1	13.3	11.4	11.4	9.5	9.5	5.7	3.8	0.0	0.0
87.5°	20.9	17.1	13.3	13.3	11.4	11.4	7.6	5.7	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

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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

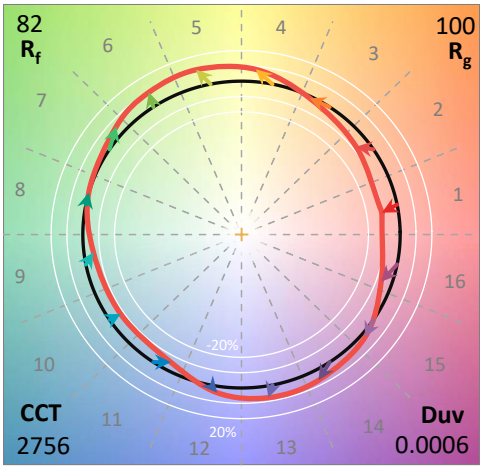
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

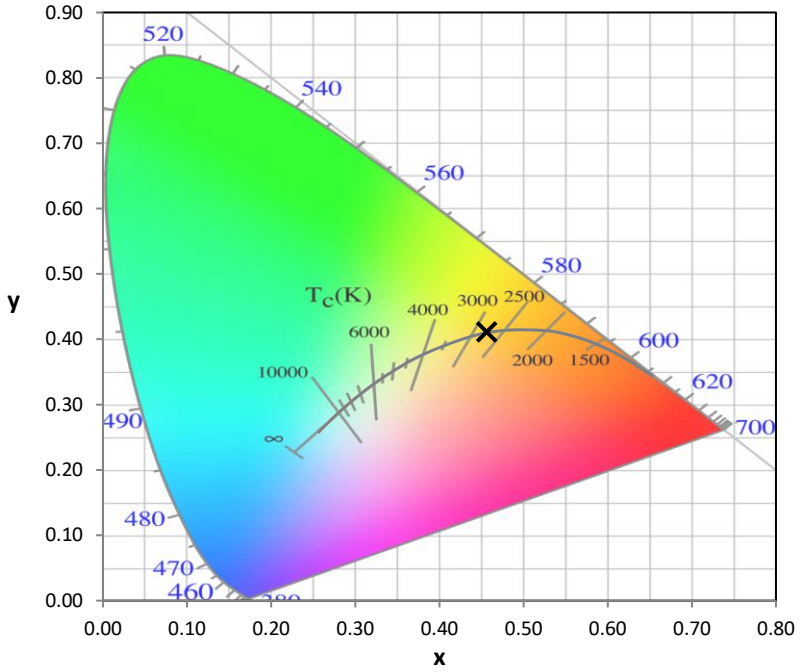
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

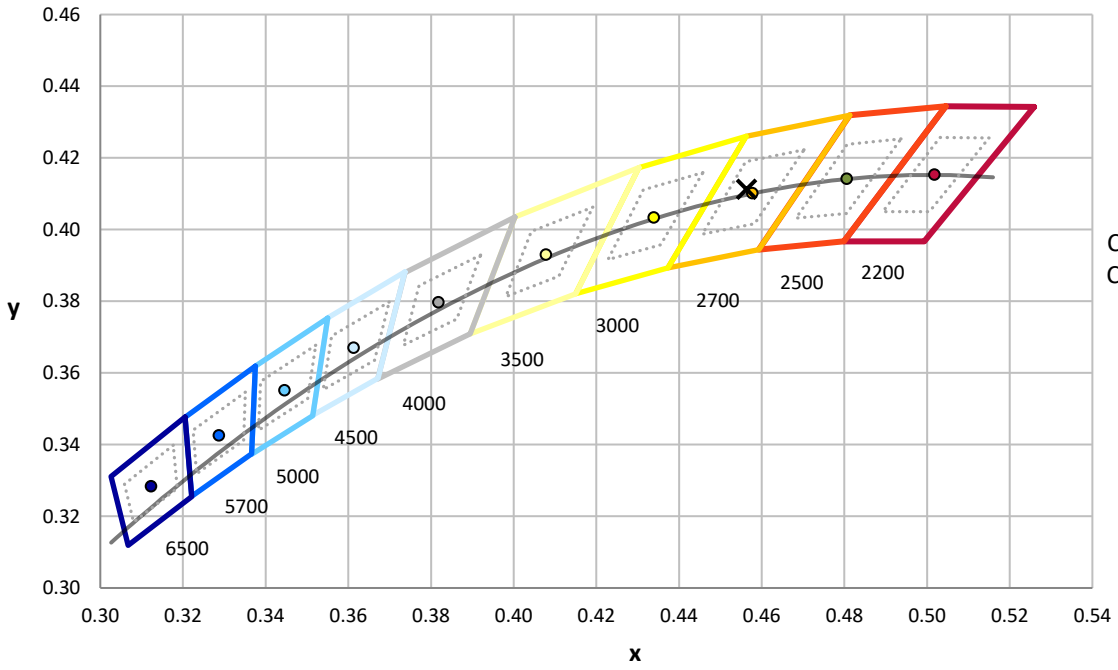
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

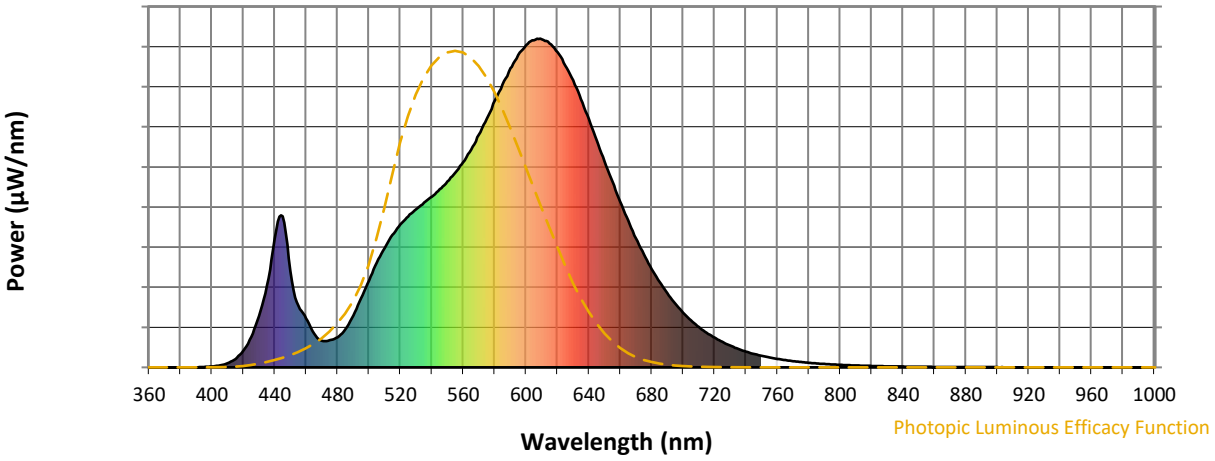


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

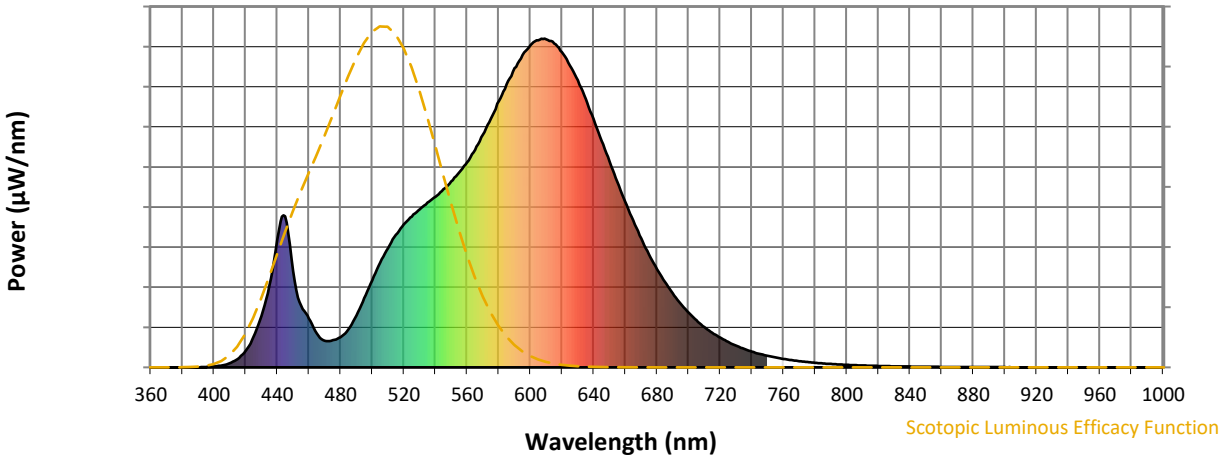


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

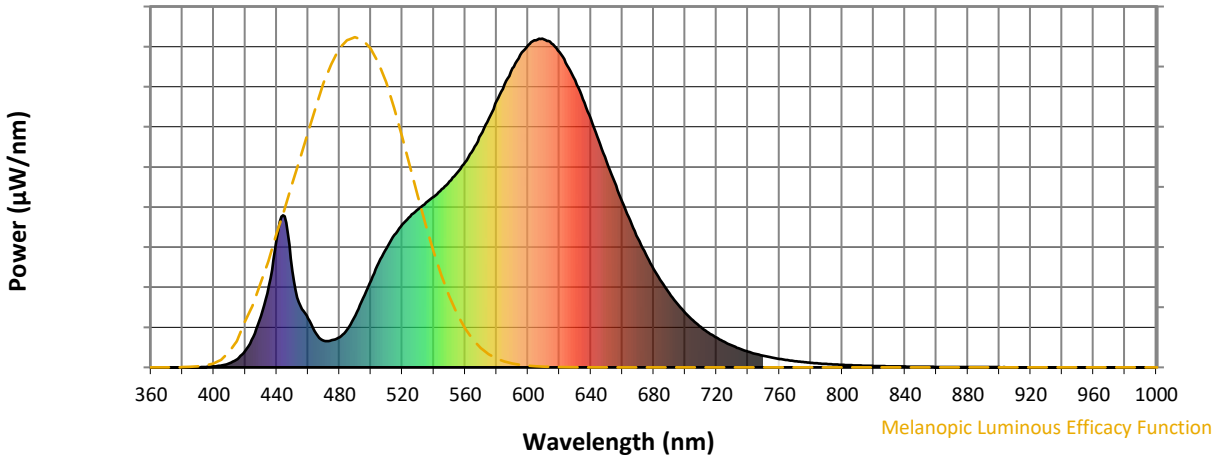


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

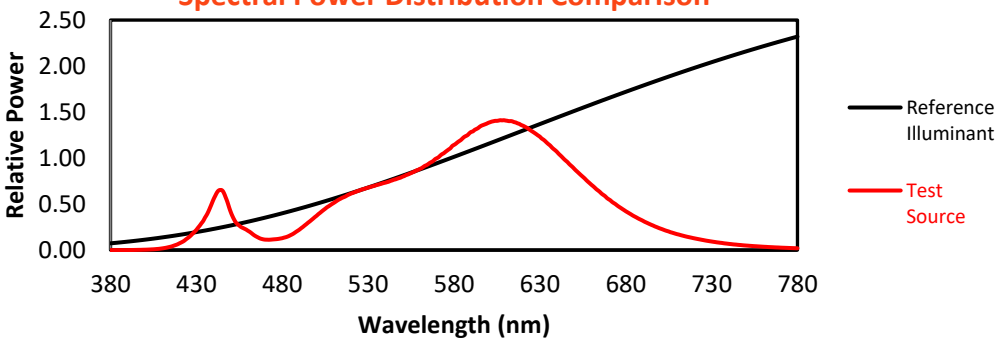
REPORT NUMBER: SP1-2407-184-8

TM-30-18

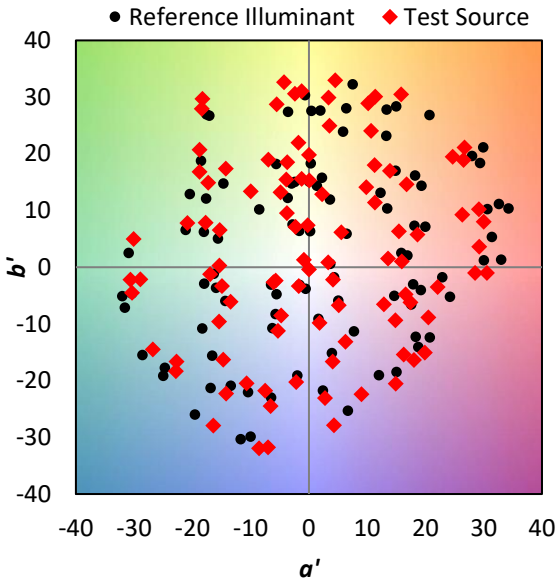
Summary

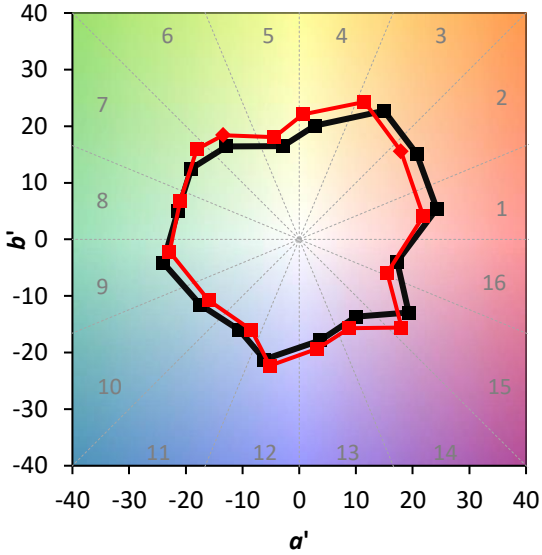
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

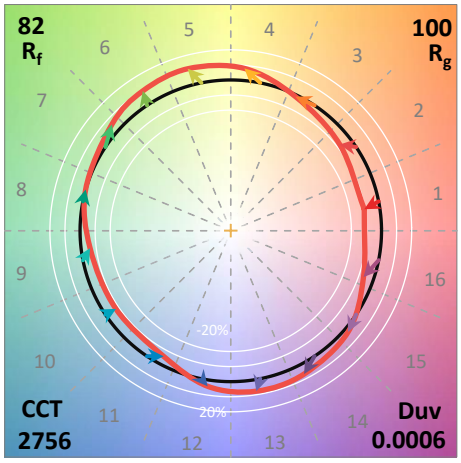
Spectral Power Distribution Comparison

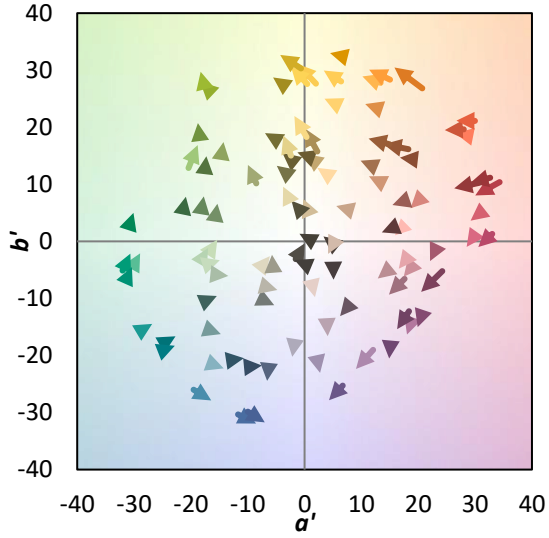


Color Vector Graphics







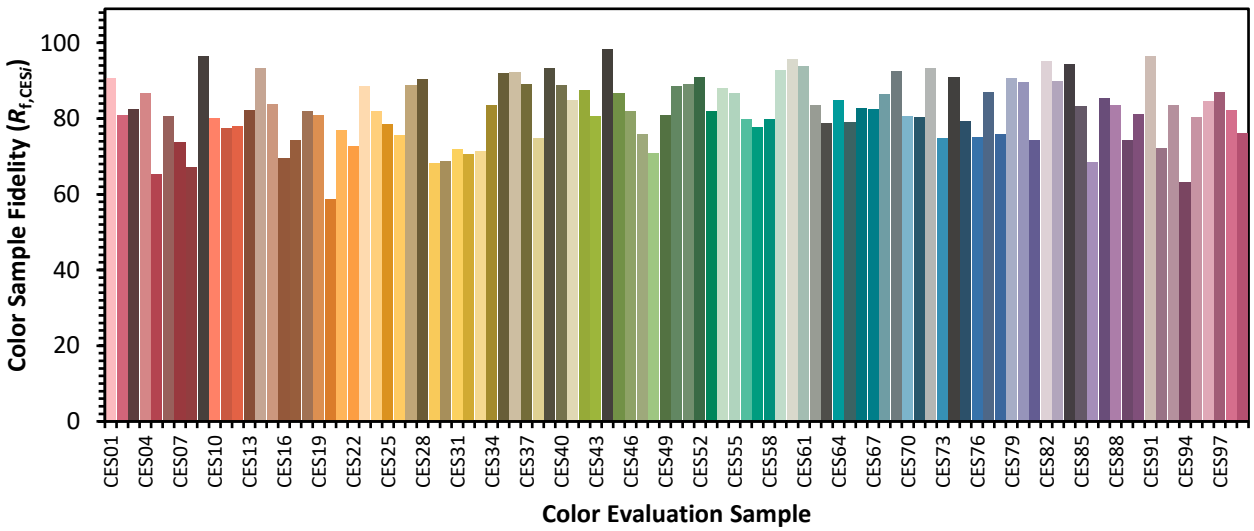


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

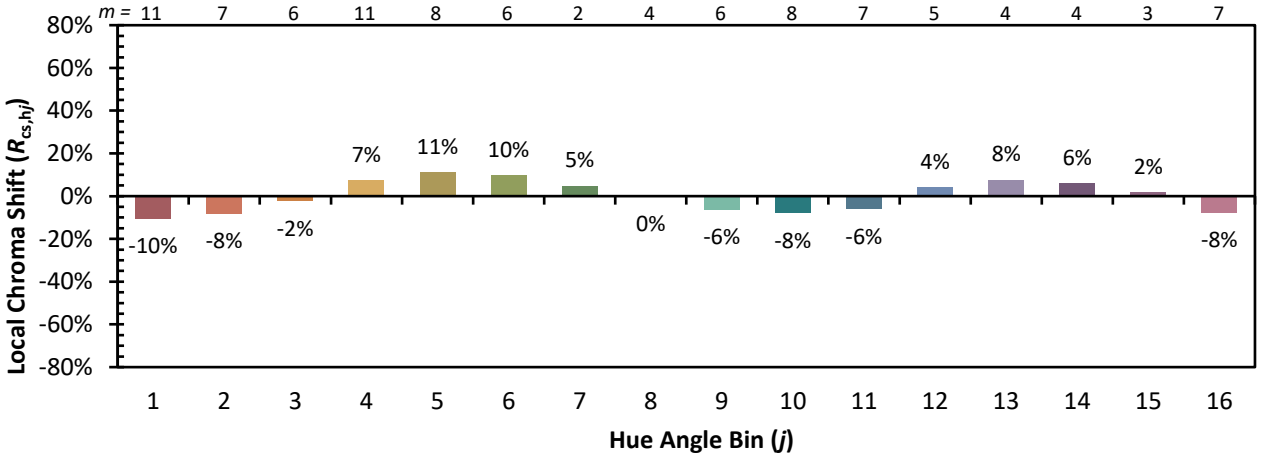
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

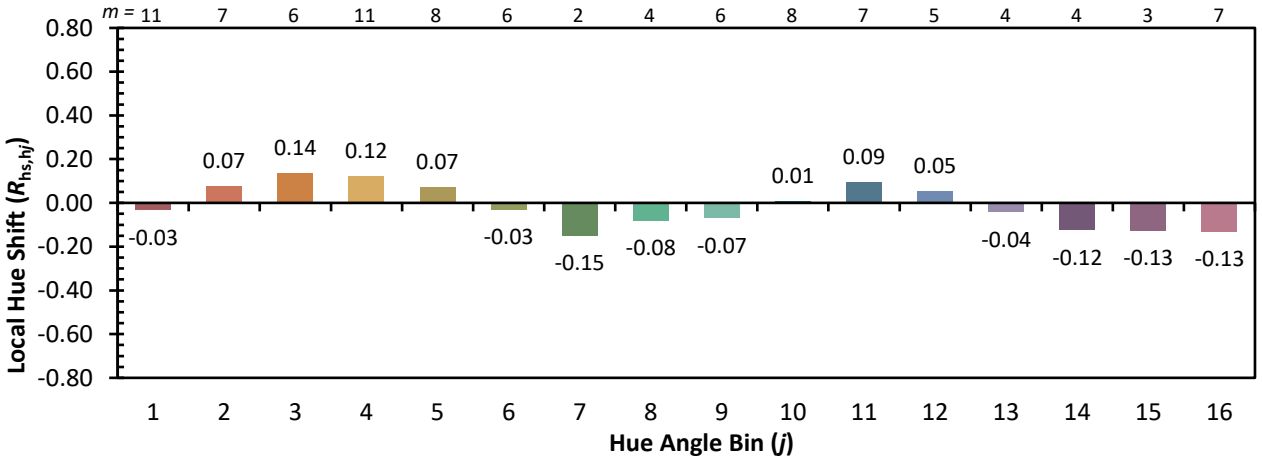


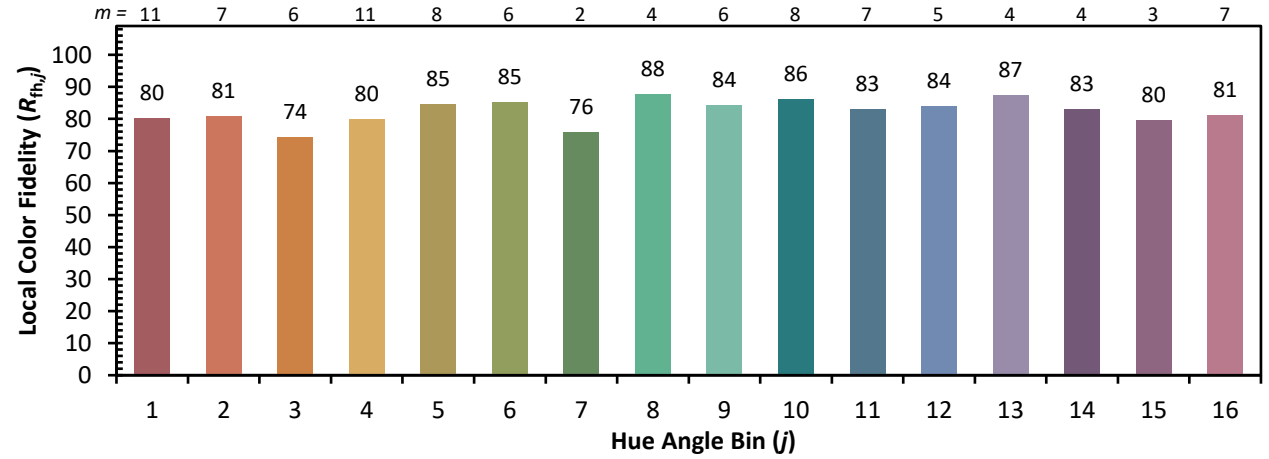
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



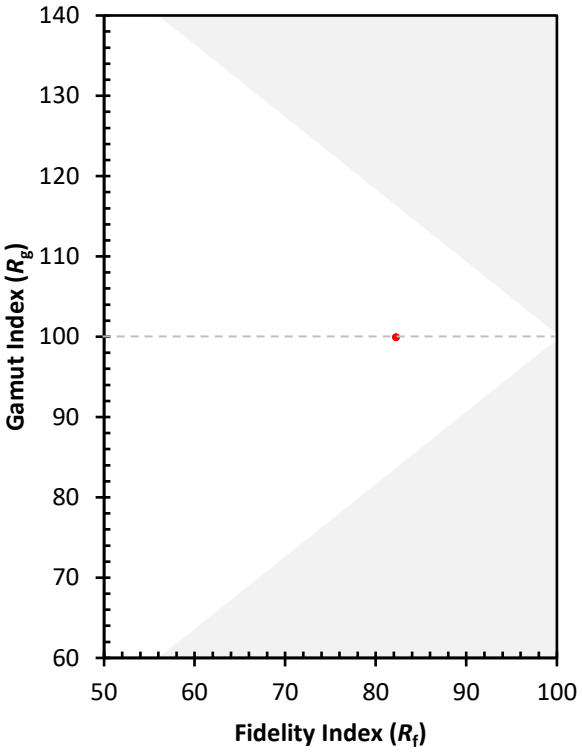


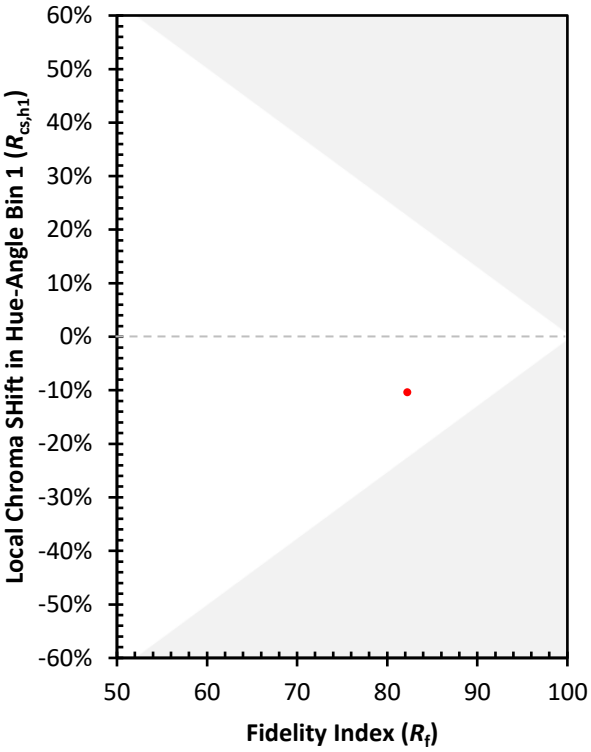


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





(END OF REPORT)