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: P1047441

Luminaire Tested: **GALN-SA9A-850-U-T3BC**

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:	P1047441
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-850-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30749.6 lumens
Efficiency:	N/A
Efficacy:	125.7 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

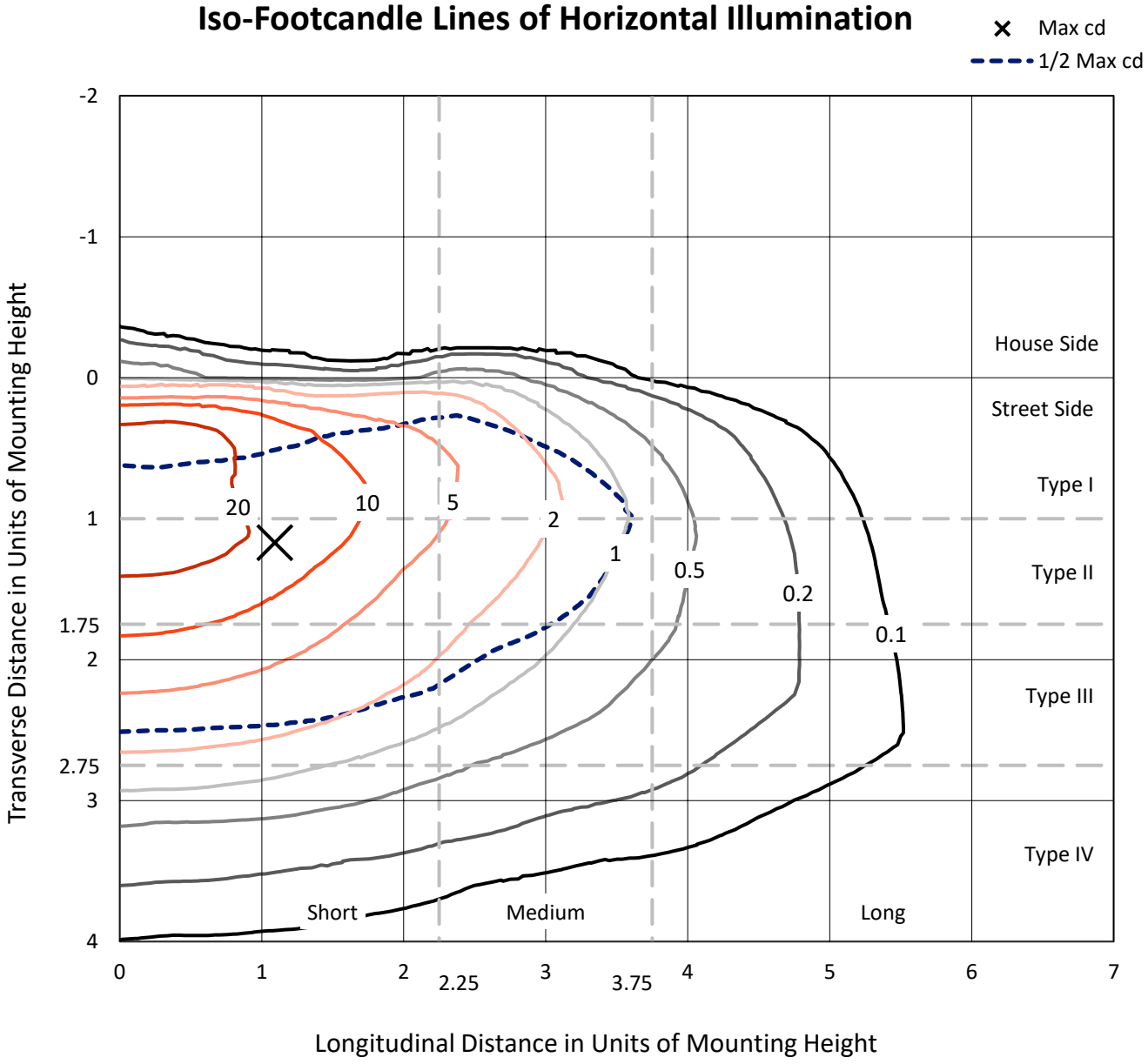
Input Watts (W):	244.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



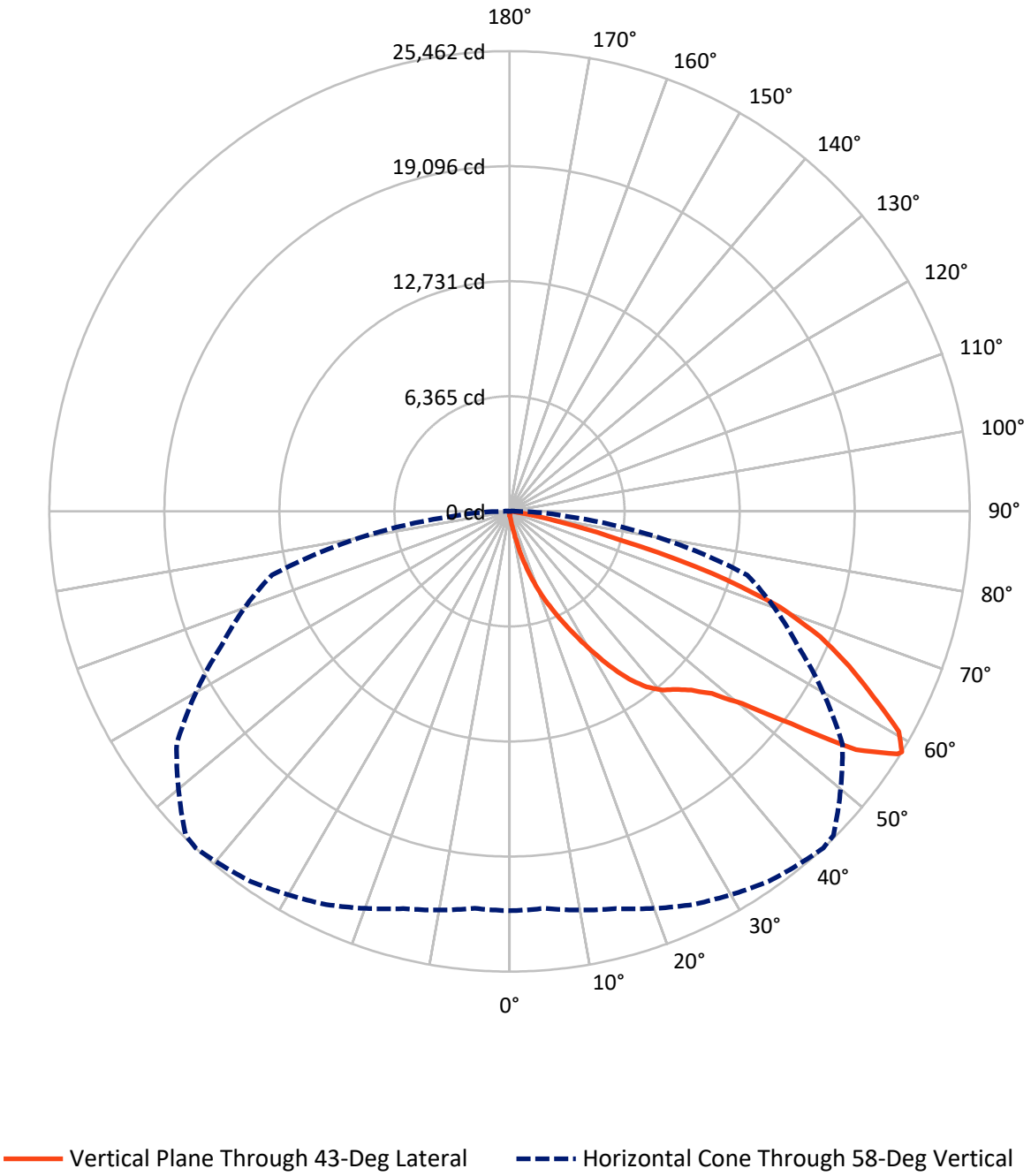
Based on 15 foot mounting height. Maximum calculated value = 34.5 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

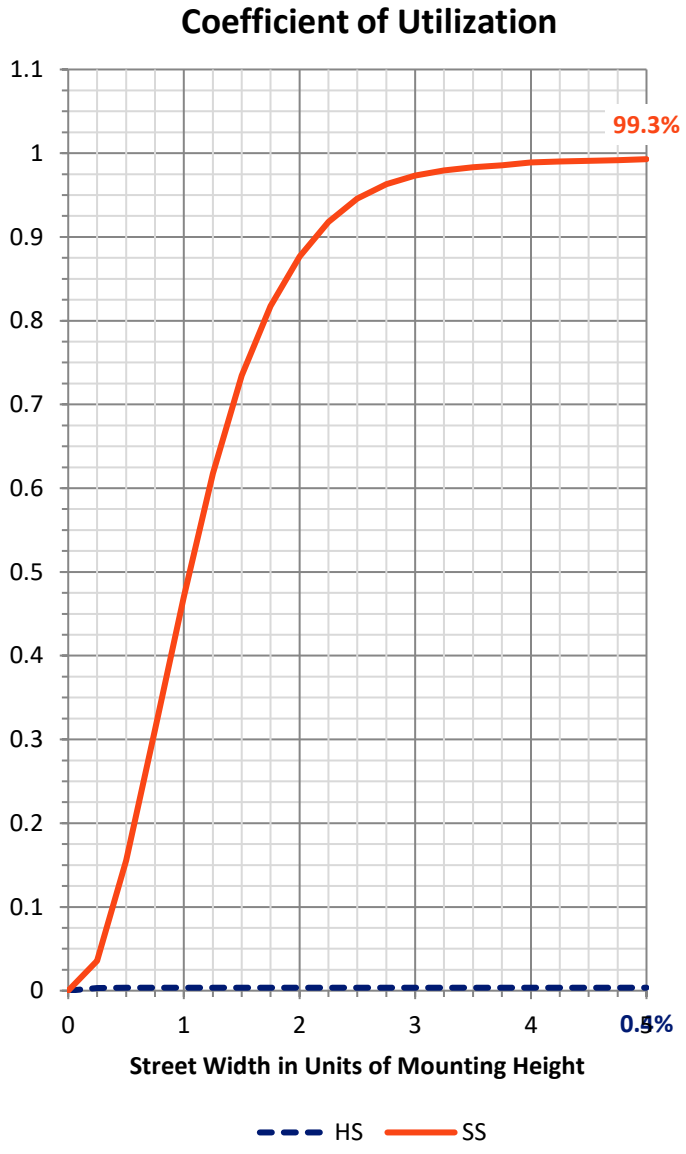
REPORT NUMBER: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	112.2	0.0	112.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30637.4	0.0	30637.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	30749.6	0.0	30749.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	0.1
10°-20°	353.5	1.1
20°-30°	1274.0	4.1
30°-40°	2914.9	9.5
40°-50°	4916.3	16.0
50°-60°	8113.0	26.4
60°-70°	9067.4	29.5
70°-80°	3743.8	12.2
80°-90°	337.5	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°	30749.6	100.0
0°-180°	30749.6	100.0



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

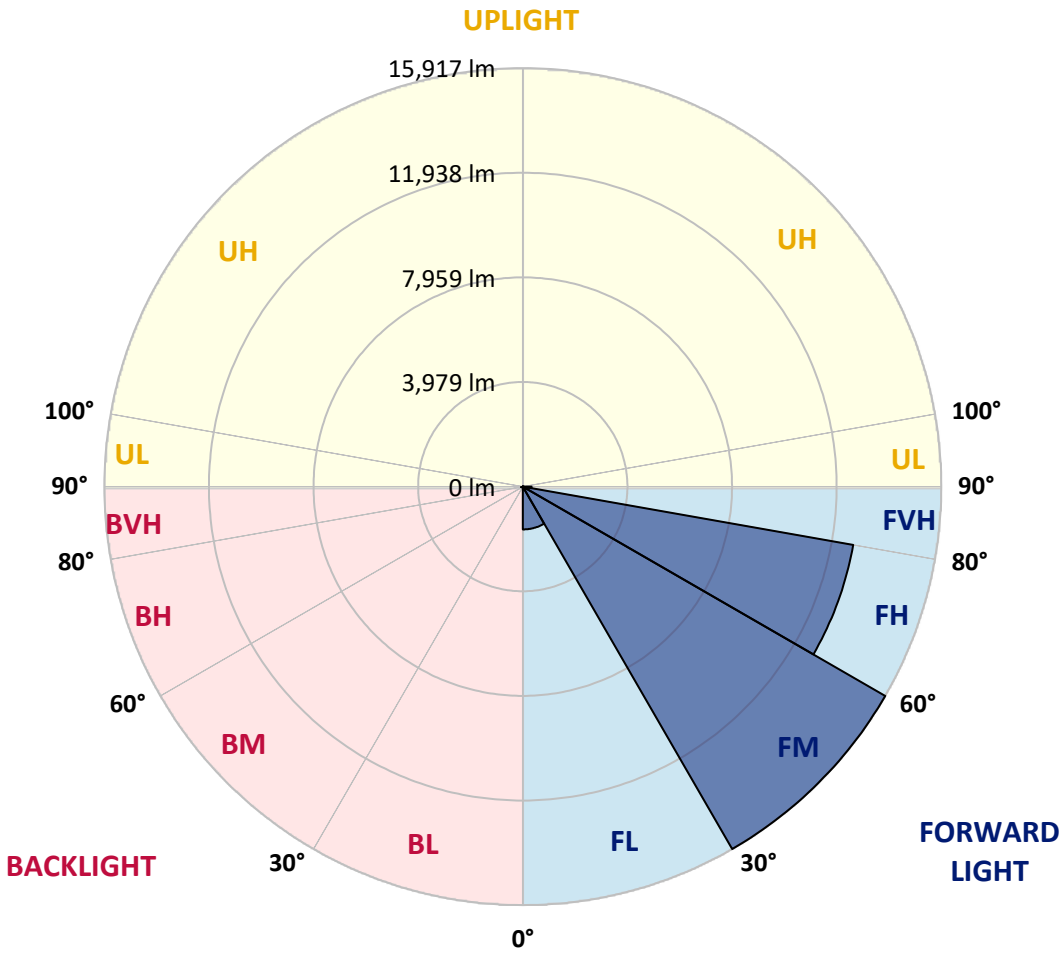
Scaled Data Report

REPORT NUMBER: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1627.6	5.3			
FM	(30°-60°)	15917.2	51.8			
FH	(60°-80°)	12759.7	41.5			G5
FVH	(80°-90°)	332.9	1.1			G3/500
BL	(0°-30°)	29.3	0.1	B0/110		
BM	(30°-60°)	26.9	0.1	B0/220		
BH	(60°-80°)	51.4	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 III Short



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

Scaled Data Report

REPORT NUMBER: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	201.1	201.1	201.1	201.1	201.1	*201.1*	201.1	201.1	201.1	201.1	201.1
2.5°	241.3	249.3	241.3	241.3	241.3	*233.2*	233.2	225.2	225.2	217.1	209.1
5°	353.9	353.9	329.7	313.6	297.6	*289.5*	281.5	265.4	249.3	233.2	217.1
7.5°	788.1	788.1	715.8	619.3	490.6	*418.2*	402.1	329.7	281.5	249.3	217.1
10°	1881.9	1881.9	1721.1	1455.7	1125.9	*836.4*	747.9	474.5	337.8	265.4	225.2
12.5°	3128.5	3168.7	2967.6	2629.8	2139.3	*1632.6*	1455.7	868.6	450.4	289.5	225.2
15°	4246.3	4149.8	4093.5	3771.8	3305.4	*2702.2*	2477.0	1463.7	651.4	329.7	225.2
17.5°	5002.3	5002.3	4921.9	4704.7	4278.5	*3747.7*	3562.7	2364.4	1053.5	378.0	233.2
20°	5887.0	5887.0	5742.2	5589.4	5211.4	*4761.0*	4584.1	3361.7	1632.6	482.5	233.2
22.5°	6956.6	6972.7	6811.8	6538.4	6176.5	*5677.9*	5525.1	4286.5	2364.4	643.4	241.3
25°	8259.4	8275.5	8042.3	7784.9	7230.0	*6691.2*	6458.0	5348.1	3257.1	900.7	241.3
27.5°	9699.0	9811.6	9465.8	9023.5	8436.4	*7760.8*	7583.9	6305.2	4141.8	1270.7	257.4
30°	11492.4	11492.4	11034.0	10414.8	9779.4	*8943.0*	8717.9	7310.4	5082.7	1761.3	273.4
32.5°	13036.6	12915.9	12328.8	11677.4	11001.9	*10221.8*	9980.5	8364.0	6047.8	2372.5	305.6
35°	14218.8	14114.2	13390.4	12690.7	12103.7	*11387.9*	11098.4	9506.0	7069.2	3064.1	353.9
37.5°	15232.1	15191.9	14210.7	13334.1	12948.1	*12320.8*	12063.4	10583.7	8074.5	3812.0	410.2
40°	16341.9	16213.3	15167.8	14082.1	13503.0	*12996.4*	12763.1	11452.2	9039.5	4688.7	490.6
42.5°	17290.9	17138.1	16197.2	15135.6	14146.4	*13462.8*	13237.6	12184.1	9980.5	5565.3	595.1
45°	18344.5	18264.1	17315.1	16510.8	15191.9	*14098.1*	13800.6	12771.2	10841.0	6610.8	731.8
47.5°	19928.8	19784.1	18899.4	18239.9	16711.9	*15063.2*	14637.0	13374.3	11669.4	7640.2	940.9
50°	21770.5	21674.0	21151.2	20628.5	19108.5	*16711.9*	16205.2	14242.9	12594.2	8862.6	1214.4
52.5°	23274.4	23258.3	23322.7	23330.7	22180.7	*19486.5*	18730.5	15642.3	13655.8	10069.0	1600.4
55°	23242.2	23314.6	24022.3	24834.6	24923.1	*23274.4*	22542.6	17998.7	15039.1	11556.8	2139.3
57.5°	22373.7	22317.4	23065.3	24287.7	25148.3	*25325.2*	25204.6	21657.9	17122.1	13350.2	2967.6
58°	*22092.2*	*22043.9*	*22751.7*	*23998.2*	*24987.4*	*25461.9*	*25341.3*	*22486.3*	*17588.5*	*13607.6*	*3192.8*
60°	21070.8	21078.9	21497.1	22631.0	23620.2	*24746.1*	24858.7	24850.7	19912.7	15328.6	4326.8
62.5°	19719.7	19655.4	20041.4	20966.3	21834.8	*22590.8*	22783.8	25011.5	23314.6	17516.1	6490.1
65°	17853.9	17757.4	18167.6	19213.0	20146.0	*20636.5*	20644.6	22856.2	24915.0	19864.5	9578.4
67.5°	14387.7	14307.2	15127.6	16470.6	17910.2	*18553.6*	18843.1	19832.3	23563.9	21456.8	11347.7
70°	8814.4	8983.2	10125.3	12232.3	14693.3	*15875.5*	16309.8	16615.4	20065.5	21215.6	9489.9
72.5°	4069.4	3868.3	4841.5	6313.2	9120.0	*11749.8*	12200.2	13398.5	15907.7	18416.9	7077.2
75°	1898.0	1825.6	2050.8	2758.5	4133.7	*6345.4*	7165.7	10696.3	12200.2	12811.4	5106.9
77.5°	973.1	981.2	1166.1	1254.6	1705.0	*2935.4*	3369.7	7037.0	8943.0	7149.6	3426.0
80°	426.2	442.3	450.4	490.6	691.6	*1134.0*	1278.7	3265.2	6112.1	3643.2	1873.9
82.5°	273.4	281.5	281.5	281.5	329.7	*450.4*	514.7	1310.9	3048.0	1809.5	579.0
85°	144.8	144.8	160.8	201.1	233.2	*273.4*	289.5	418.2	1005.3	538.8	136.7
87.5°	80.4	88.5	96.5	120.6	152.8	*185.0*	201.1	289.5	386.0	369.9	32.2
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: P1047441
CATALOG NUMBER: GALN-SA9A-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1
2.5°	209.1	201.1	193.0	185.0	176.9	168.9	168.9	168.9	168.9	168.9	168.9
5°	201.1	193.0	185.0	168.9	152.8	144.8	136.7	128.7	128.7	128.7	128.7
7.5°	201.1	193.0	168.9	152.8	136.7	120.6	104.5	104.5	104.5	104.5	104.5
10°	201.1	185.0	160.8	136.7	112.6	96.5	88.5	80.4	80.4	80.4	80.4
12.5°	201.1	176.9	152.8	120.6	96.5	80.4	72.4	64.3	64.3	64.3	64.3
15°	201.1	176.9	144.8	112.6	88.5	64.3	56.3	48.3	48.3	48.3	48.3
17.5°	193.0	168.9	136.7	96.5	72.4	48.3	40.2	32.2	32.2	40.2	40.2
20°	185.0	160.8	120.6	80.4	56.3	40.2	24.1	24.1	24.1	24.1	24.1
22.5°	185.0	160.8	112.6	72.4	48.3	24.1	16.1	16.1	16.1	16.1	24.1
25°	185.0	152.8	96.5	56.3	32.2	16.1	8.0	8.0	8.0	8.0	8.0
27.5°	185.0	152.8	88.5	48.3	24.1	16.1	8.0	0.0	0.0	0.0	0.0
30°	176.9	144.8	80.4	40.2	16.1	8.0	0.0	0.0	0.0	0.0	0.0
32.5°	176.9	136.7	64.3	32.2	16.1	8.0	0.0	0.0	0.0	0.0	0.0
35°	185.0	128.7	56.3	24.1	8.0	0.0	0.0	0.0	0.0	0.0	8.0
37.5°	193.0	120.6	48.3	16.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	201.1	112.6	48.3	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	217.1	112.6	40.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	233.2	112.6	32.2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	265.4	120.6	32.2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	289.5	128.7	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	321.7	120.6	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	361.9	120.6	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	394.1	112.6	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*410.2*	*104.5*	*16.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	490.6	96.5	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	764.0	80.4	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1552.2	72.4	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2895.2	64.3	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3241.0	72.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2042.7	56.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1077.7	56.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	538.8	56.3	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	249.3	40.2	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	104.5	24.1	16.1	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	48.3	24.1	16.1	16.1	8.0	8.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.1	24.1	24.1	16.1	16.1	8.0	8.0	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

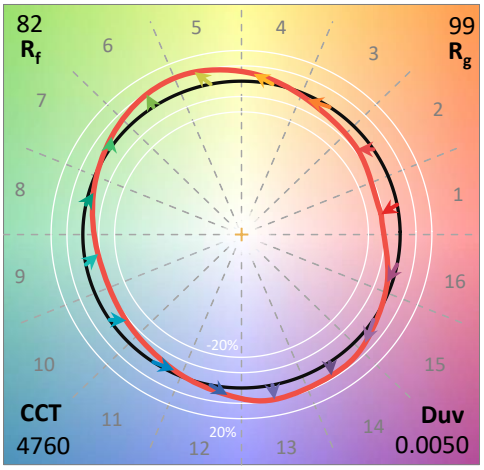
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

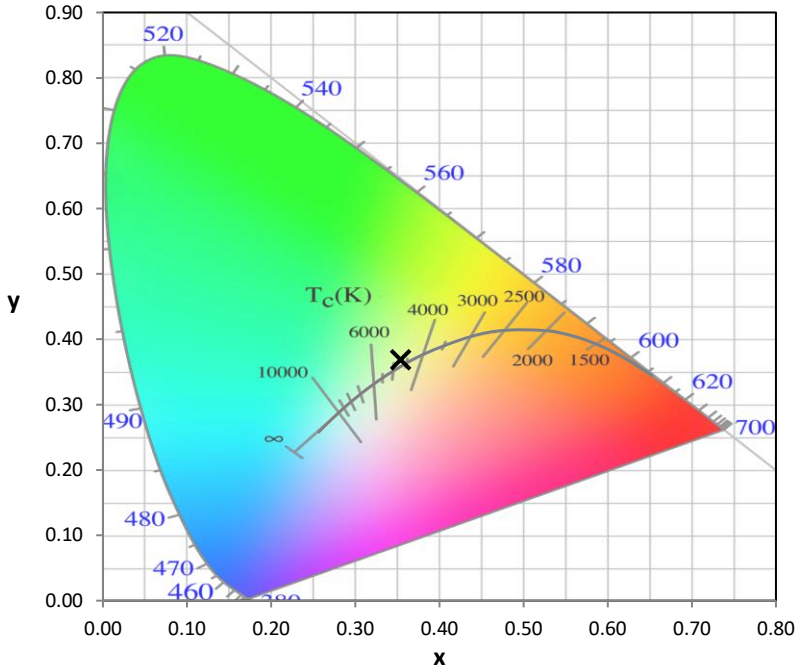
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

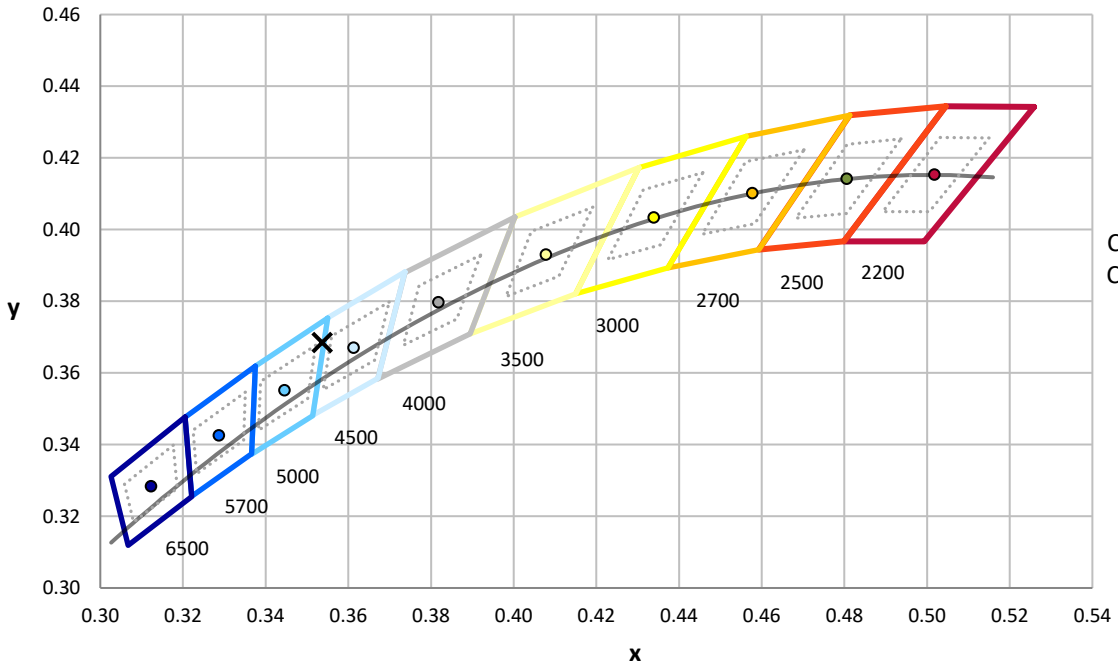
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

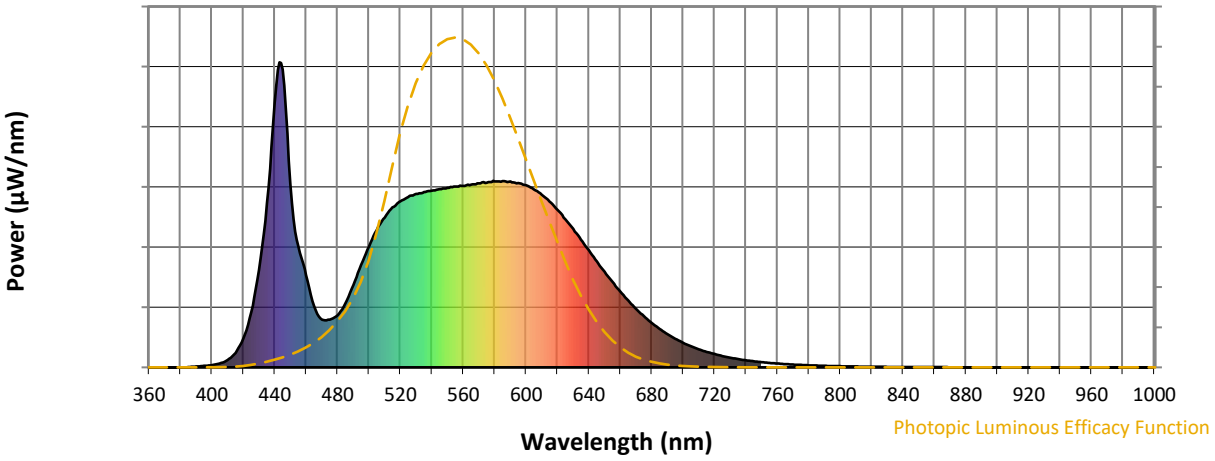


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

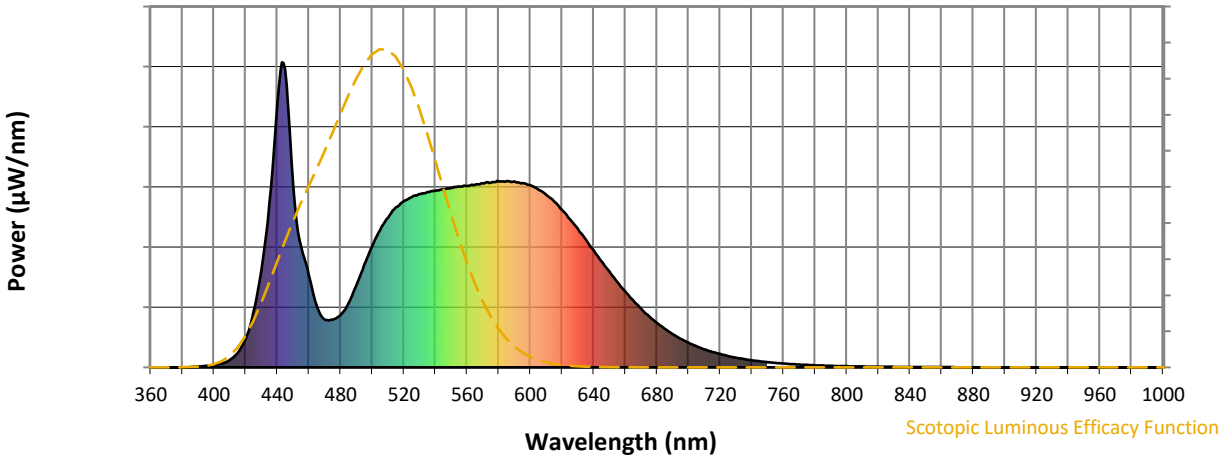


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength

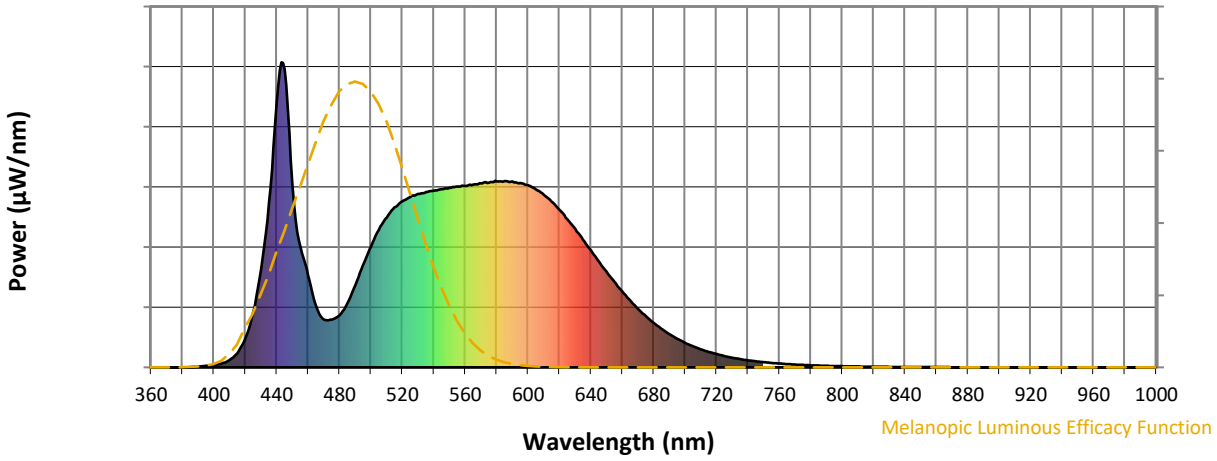


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

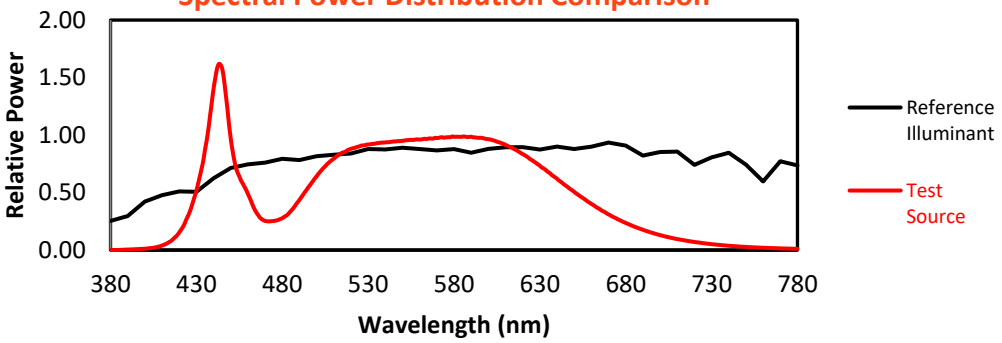
REPORT NUMBER: SP1-2407-184-12

TM-30-18

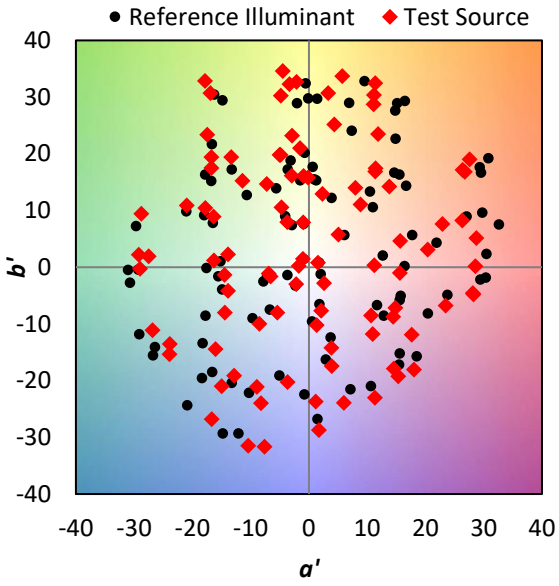
Summary

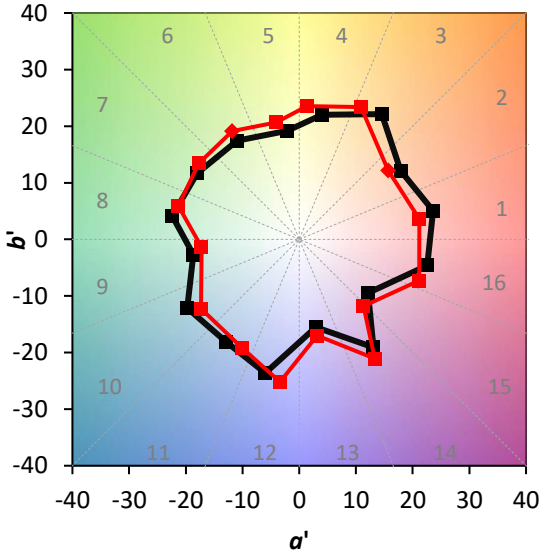
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

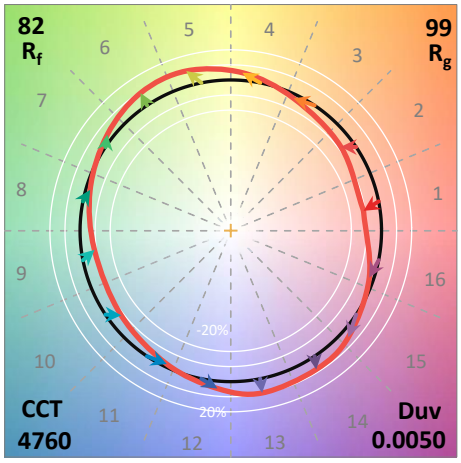
Spectral Power Distribution Comparison

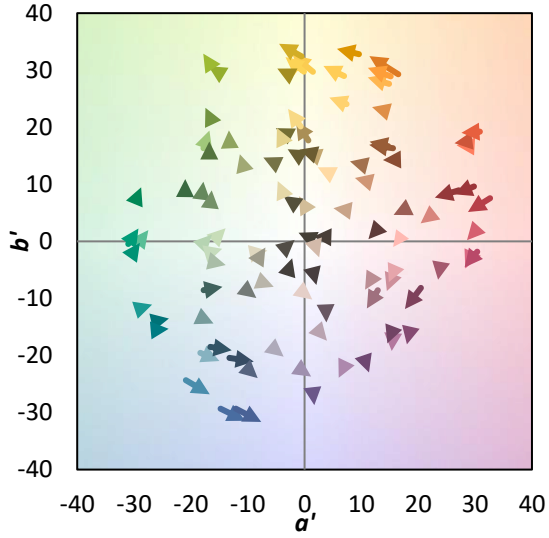


Color Vector Graphics







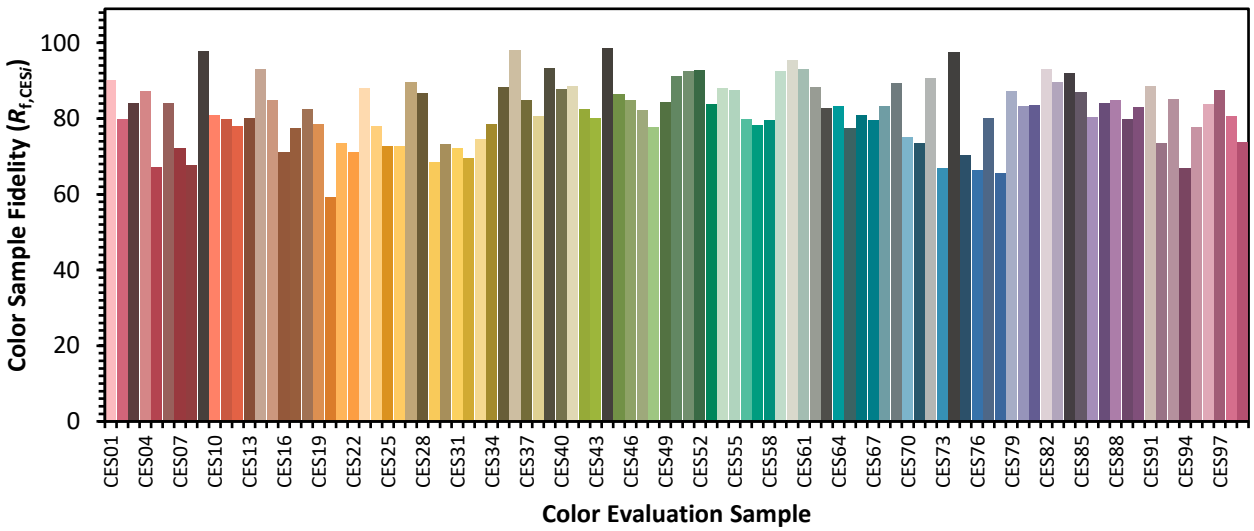


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

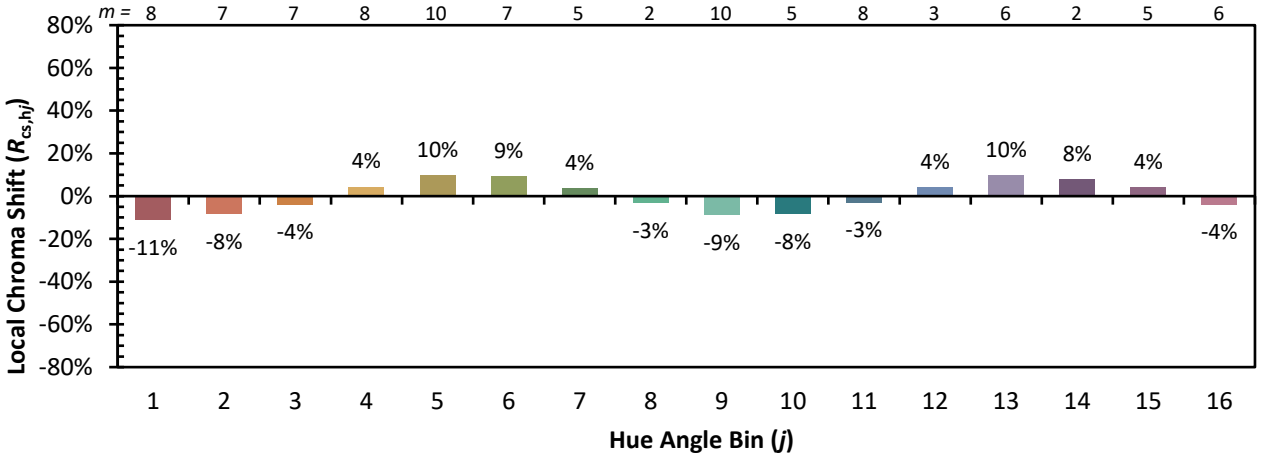
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

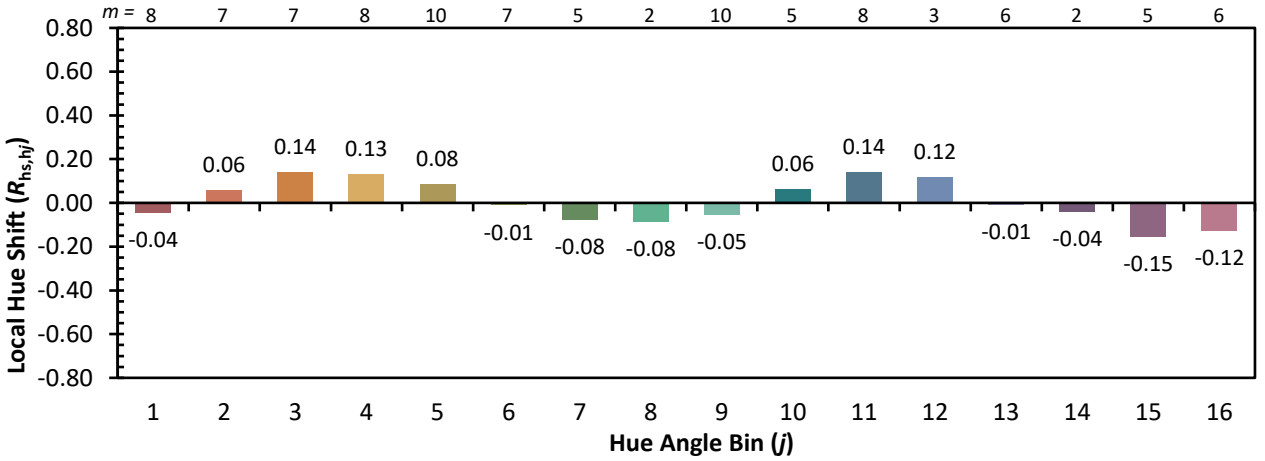


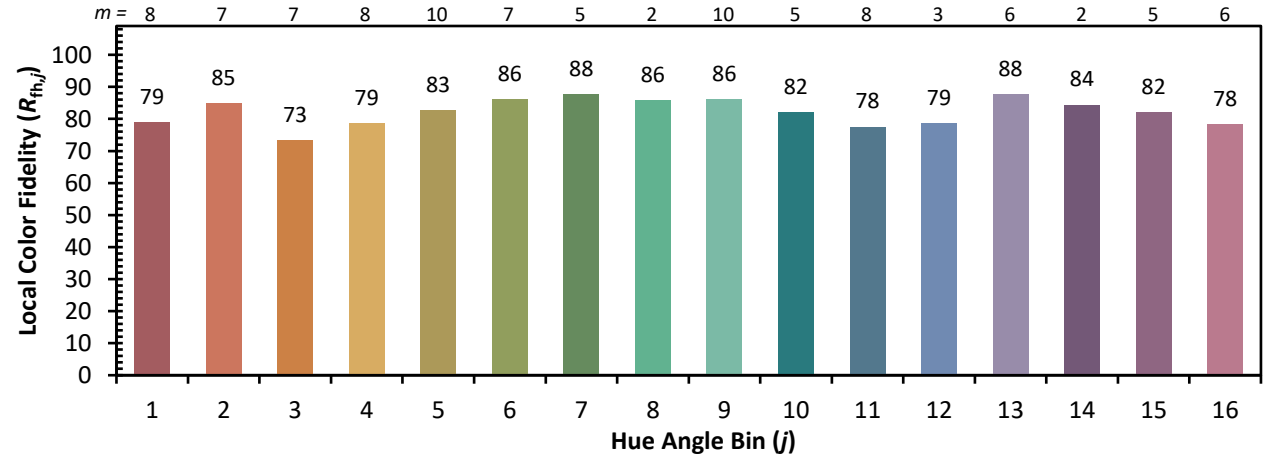
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



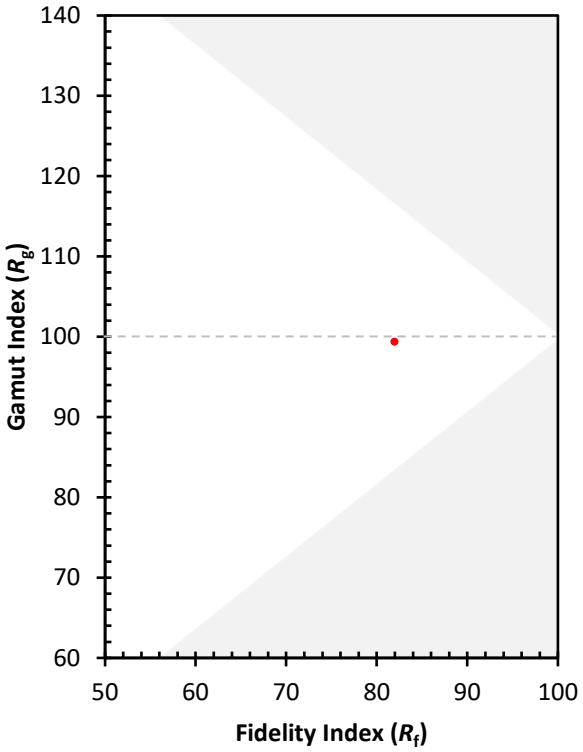


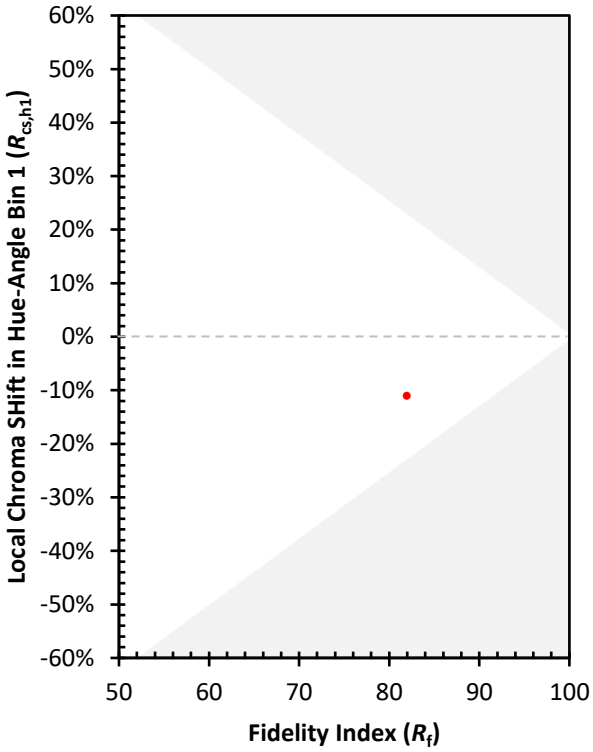


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





(END OF REPORT)