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: P1047406

Luminaire Tested: **GALN-SA9B-840-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:	P1047406
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-840-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37861.3 lumens
Efficiency:	N/A
Efficacy:	121.1 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

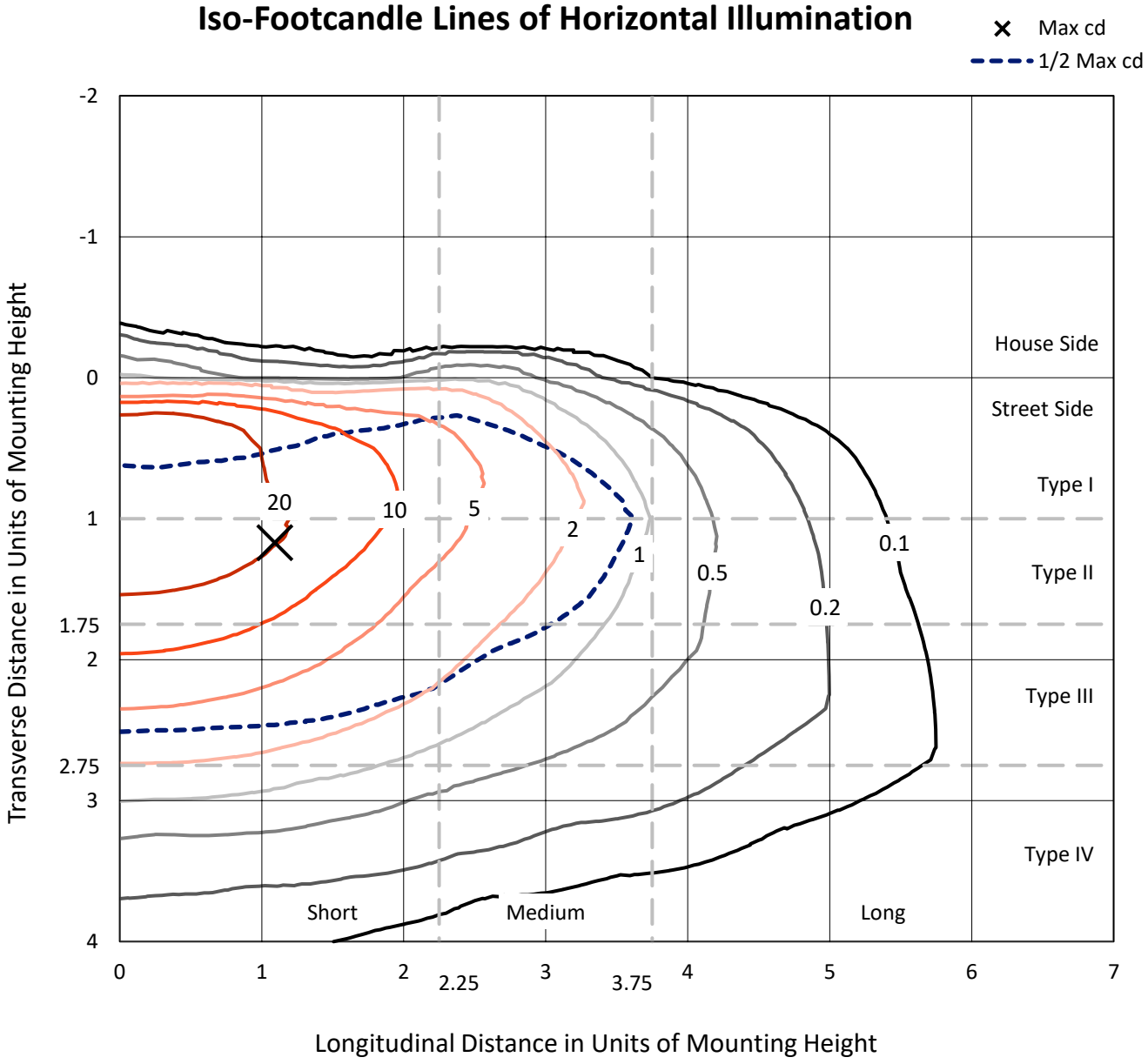
Input Watts (W):	312.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



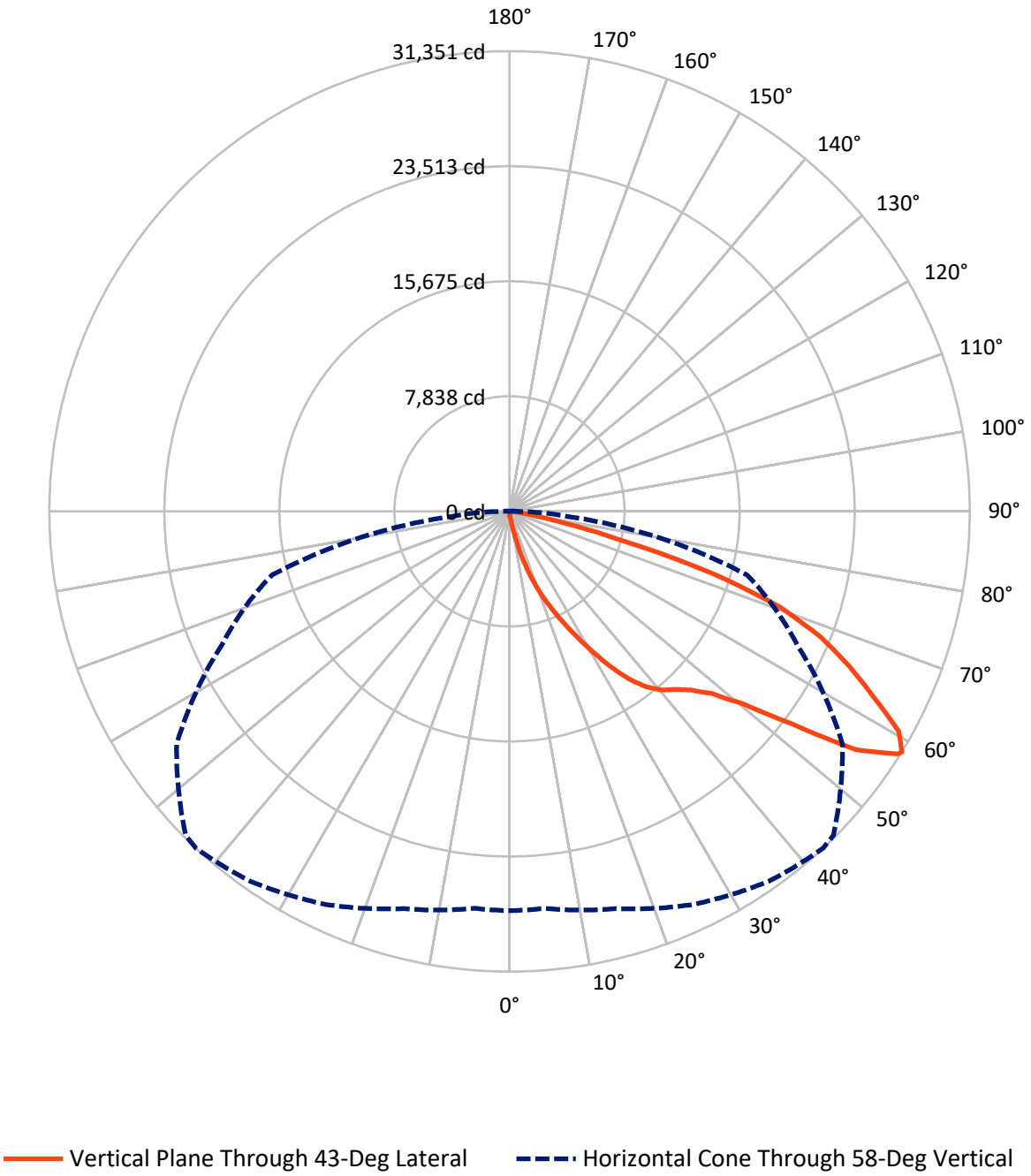
Based on 15 foot mounting height. Maximum calculated value = 42.5 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

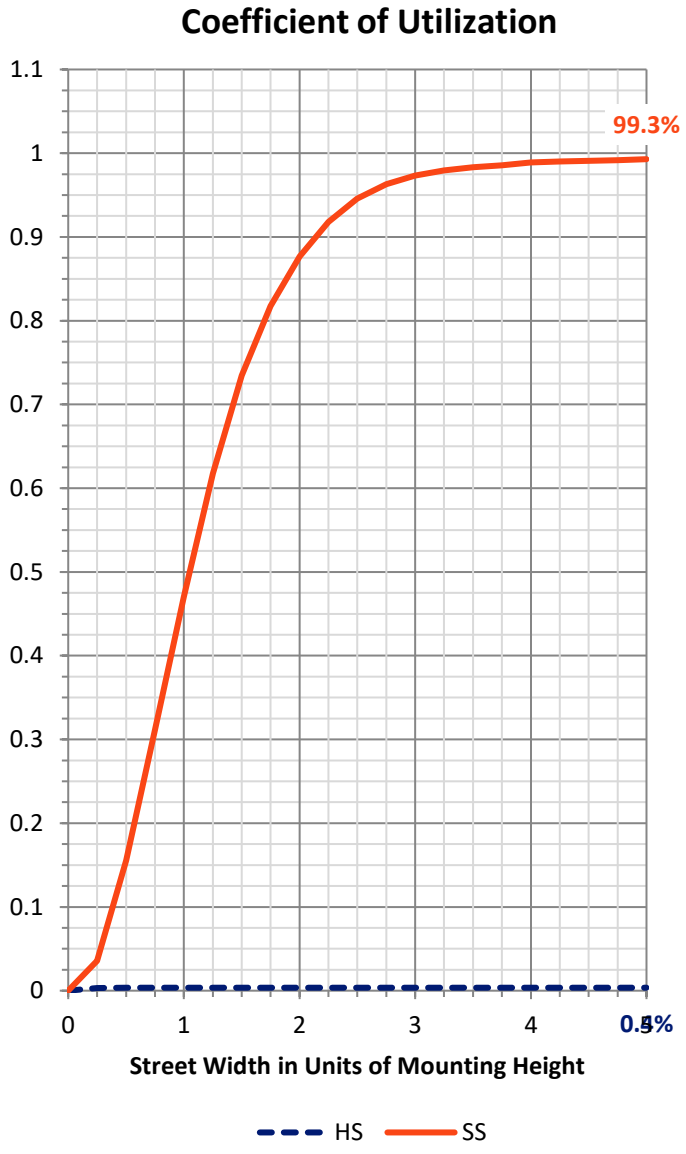
REPORT NUMBER: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.2	0.0	138.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37723.1	0.0	37723.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	37861.3	0.0	37861.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.3	0.1
10°-20°	435.2	1.1
20°-30°	1568.6	4.1
30°-40°	3589.0	9.5
40°-50°	6053.3	16.0
50°-60°	9989.3	26.4
60°-70°	11164.4	29.5
70°-80°	4609.6	12.2
80°-90°	415.5	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°	37861.3	100.0
0°-180°	37861.3	100.0



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

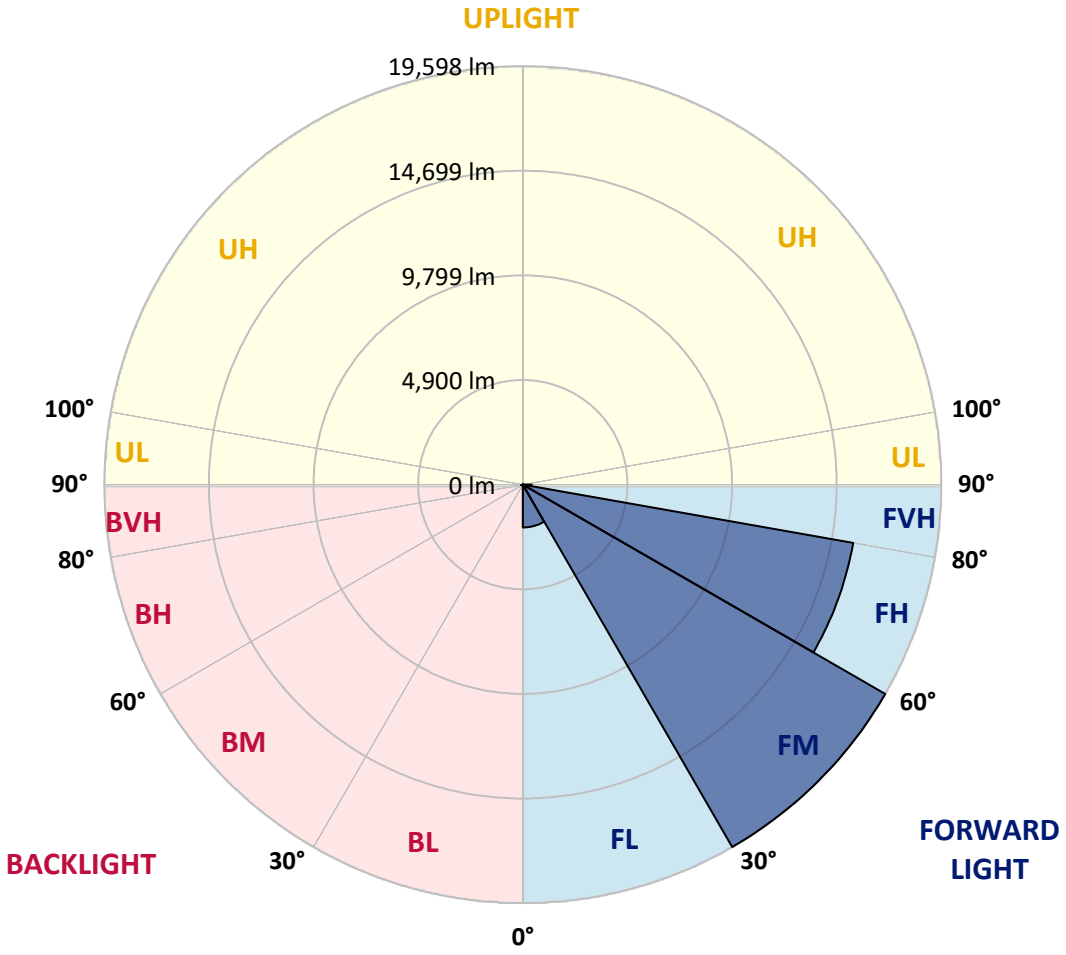
Scaled Data Report

REPORT NUMBER: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2004.1	5.3			
FM	(30°-60°)	19598.5	51.8			
FH	(60°-80°)	15710.7	41.5			G5
FVH	(80°-90°)	409.9	1.1			G3/500
BL	(0°-30°)	36.0	0.1	B0/110		
BM	(30°-60°)	33.1	0.1	B0/220		
BH	(60°-80°)	63.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6
2.5°	297.1	307.0	297.1	297.1	297.1	287.2	287.2	277.3	277.3	267.4	257.5
5°	435.7	435.7	406.0	386.2	366.4	356.5	346.6	326.8	307.0	287.2	267.4
7.5°	970.4	970.4	881.3	762.5	604.0	514.9	495.1	406.0	346.6	307.0	267.4
10°	2317.1	2317.1	2119.1	1792.3	1386.3	1029.8	920.9	584.2	415.9	326.8	277.3
12.5°	3852.0	3901.5	3653.9	3238.0	2634.0	2010.2	1792.3	1069.4	554.5	356.5	277.3
15°	5228.4	5109.6	5040.3	4644.2	4069.8	3327.2	3049.9	1802.2	802.1	406.0	277.3
17.5°	6159.2	6159.2	6060.2	5792.8	5268.0	4614.5	4386.7	2911.3	1297.2	465.4	287.2
20°	7248.5	7248.5	7070.2	6882.1	6416.7	5862.2	5644.3	4139.2	2010.2	594.1	287.2
22.5°	8565.5	8585.3	8387.2	8050.6	7605.0	6991.0	6802.9	5277.9	2911.3	792.2	297.1
25°	10169.6	10189.4	9902.3	9585.4	8902.2	8238.7	7951.5	6585.0	4010.4	1109.1	297.1
27.5°	11942.2	12080.8	11655.0	11110.4	10387.5	9555.7	9337.9	7763.4	5099.7	1564.6	316.9
30°	14150.4	14150.4	13585.9	12823.5	12041.2	11011.3	10734.1	9001.2	6258.2	2168.6	336.7
32.5°	16051.6	15903.1	15180.2	14378.1	13546.3	12585.8	12288.7	10298.4	7446.5	2921.2	376.3
35°	17507.2	17378.5	16487.3	15625.8	14902.9	14021.6	13665.2	11704.5	8704.1	3772.8	435.7
37.5°	18754.9	18705.4	17497.3	16418.0	15942.7	15170.3	14853.4	13031.4	9941.9	4693.7	505.0
40°	20121.4	19963.0	18675.7	17338.9	16625.9	16002.1	15714.9	14100.9	11130.2	5773.0	604.0
42.5°	21289.9	21101.8	19943.2	18636.1	17418.1	16576.4	16299.2	15002.0	12288.7	6852.4	732.8
45°	22587.1	22488.1	21319.6	20329.4	18705.4	17358.7	16992.3	15724.8	13348.3	8139.7	901.1
47.5°	24537.9	24359.6	23270.4	22458.4	20576.9	18547.0	18022.2	16467.5	14368.2	9407.2	1158.6
50°	26805.5	26686.7	26043.0	25399.4	23527.8	20576.9	19953.1	17536.9	15507.0	10912.3	1495.2
52.5°	28657.2	28637.4	28716.6	28726.5	27310.5	23993.2	23062.4	19259.9	16814.1	12397.7	1970.6
55°	28617.6	28706.7	29578.1	30578.2	30687.2	28657.2	27756.1	22161.3	18517.3	14229.6	2634.0
57.5°	27548.2	27478.8	28399.7	29904.9	30964.4	31182.3	31033.8	26666.8	21082.0	16437.8	3653.9
58°	27201.6	27142.2	28013.6	29548.4	30766.4	31350.6	31202.1	27686.8	21656.3	16754.7	3931.2
60°	25944.0	25953.9	26468.8	27865.0	29083.0	30469.3	30608.0	30598.1	24518.1	18873.8	5327.4
62.5°	24280.4	24201.2	24676.5	25815.3	26884.7	27815.5	28053.2	30796.1	28706.7	21567.2	7991.1
65°	21983.1	21864.2	22369.3	23656.6	24805.2	25409.3	25419.2	28142.3	30677.3	24458.6	11793.6
67.5°	17715.2	17616.2	18626.2	20279.9	22052.4	22844.6	23201.0	24419.0	29013.7	26419.3	13972.1
70°	10852.9	11060.9	12467.0	15061.4	18091.5	19547.1	20081.8	20458.1	24706.2	26122.2	11684.7
72.5°	5010.6	4763.0	5961.2	7773.3	11229.2	14467.2	15021.8	16497.2	19586.7	22676.2	8714.0
75°	2336.9	2247.8	2525.1	3396.5	5089.8	7812.9	8822.9	13170.0	15021.8	15774.3	6287.9
77.5°	1198.2	1208.1	1435.8	1544.8	2099.3	3614.3	4149.1	8664.5	11011.3	8803.1	4218.4
80°	524.8	544.6	554.5	604.0	851.6	1396.2	1574.5	4020.3	7525.7	4485.7	2307.2
82.5°	336.7	346.6	346.6	346.6	406.0	554.5	633.7	1614.1	3753.0	2228.0	713.0
85°	178.2	178.2	198.0	247.6	287.2	336.7	356.5	514.9	1237.8	663.5	168.3
87.5°	99.0	108.9	118.8	148.5	188.1	227.8	247.6	356.5	475.3	455.5	39.6
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: P1047406
CATALOG NUMBER: GALN-SA9B-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6
2.5°	257.5	247.6	237.7	227.8	217.9	207.9	207.9	207.9	207.9	207.9	207.9
5°	247.6	237.7	227.8	207.9	188.1	178.2	168.3	158.4	158.4	158.4	158.4
7.5°	247.6	237.7	207.9	188.1	168.3	148.5	128.7	128.7	128.7	128.7	128.7
10°	247.6	227.8	198.0	168.3	138.6	118.8	108.9	99.0	99.0	99.0	99.0
12.5°	247.6	217.9	188.1	148.5	118.8	99.0	89.1	79.2	79.2	79.2	79.2
15°	247.6	217.9	178.2	138.6	108.9	79.2	69.3	59.4	59.4	59.4	59.4
17.5°	237.7	207.9	168.3	118.8	89.1	59.4	49.5	39.6	39.6	49.5	49.5
20°	227.8	198.0	148.5	99.0	69.3	49.5	29.7	29.7	29.7	29.7	29.7
22.5°	227.8	198.0	138.6	89.1	59.4	29.7	19.8	19.8	19.8	19.8	29.7
25°	227.8	188.1	118.8	69.3	39.6	19.8	9.9	9.9	9.9	9.9	9.9
27.5°	227.8	188.1	108.9	59.4	29.7	19.8	9.9	0.0	0.0	0.0	0.0
30°	217.9	178.2	99.0	49.5	19.8	9.9	0.0	0.0	0.0	0.0	0.0
32.5°	217.9	168.3	79.2	39.6	19.8	9.9	0.0	0.0	0.0	0.0	0.0
35°	227.8	158.4	69.3	29.7	9.9	0.0	0.0	0.0	0.0	0.0	9.9
37.5°	237.7	148.5	59.4	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	247.6	138.6	59.4	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	267.4	138.6	49.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	287.2	138.6	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	326.8	148.5	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	356.5	158.4	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	396.1	148.5	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	445.6	148.5	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	485.2	138.6	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*505.0*	*128.7*	*19.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	604.0	118.8	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	940.7	99.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1911.1	89.1	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3564.8	79.2	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3990.6	89.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2515.2	69.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1326.9	69.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	663.5	69.3	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	307.0	49.5	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	128.7	29.7	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	59.4	29.7	19.8	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0
87.5°	29.7	29.7	29.7	19.8	19.8	9.9	9.9	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

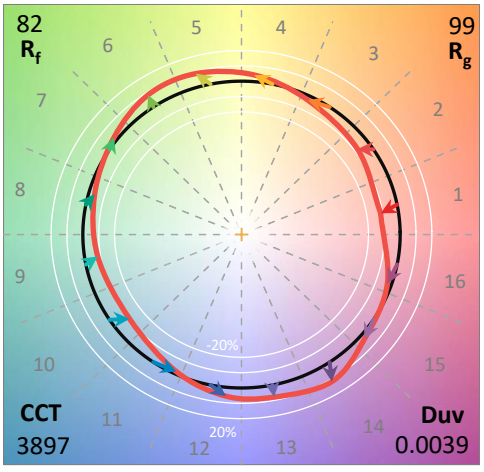
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

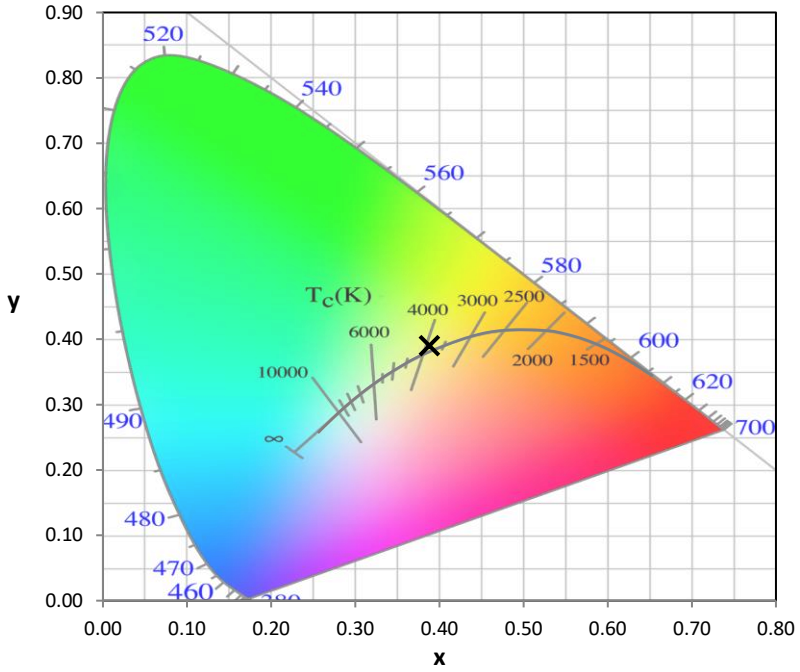
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

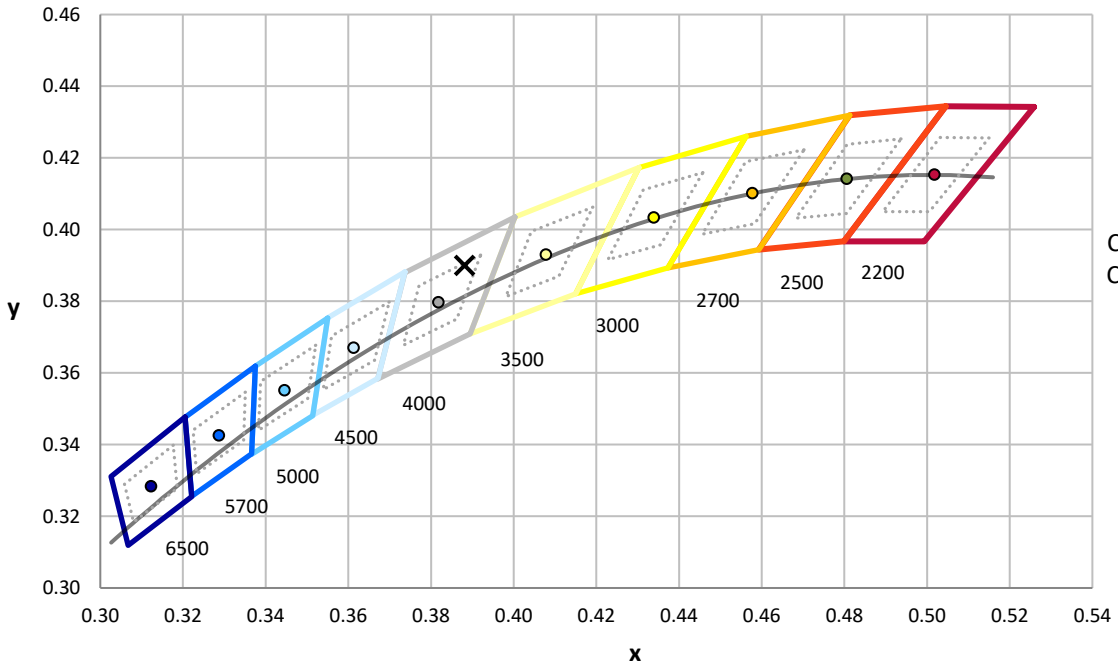
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

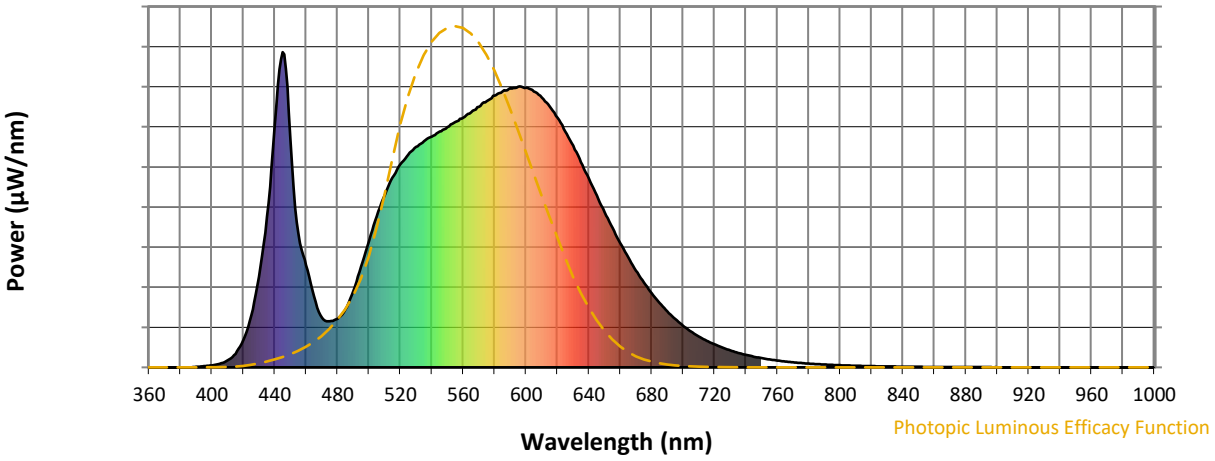


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

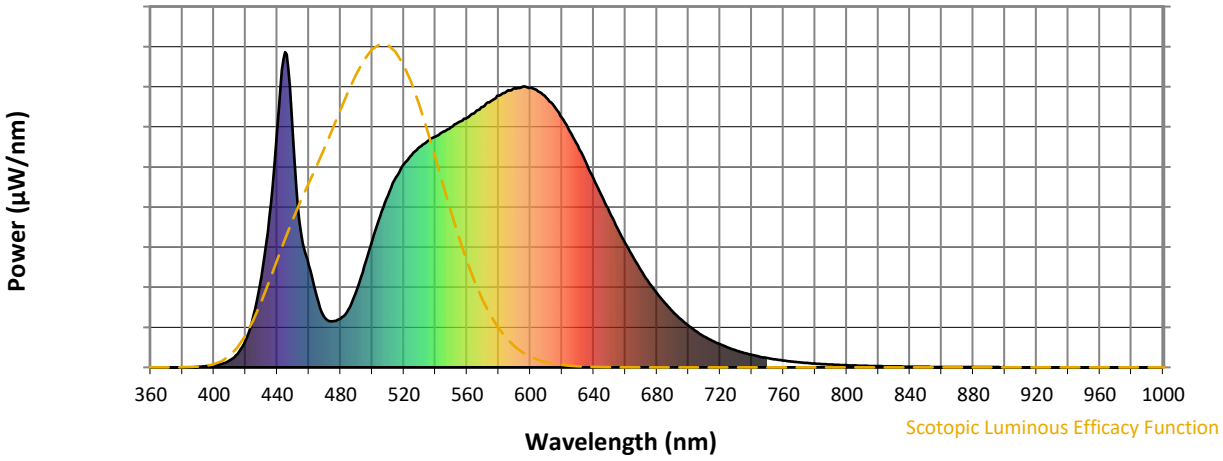


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

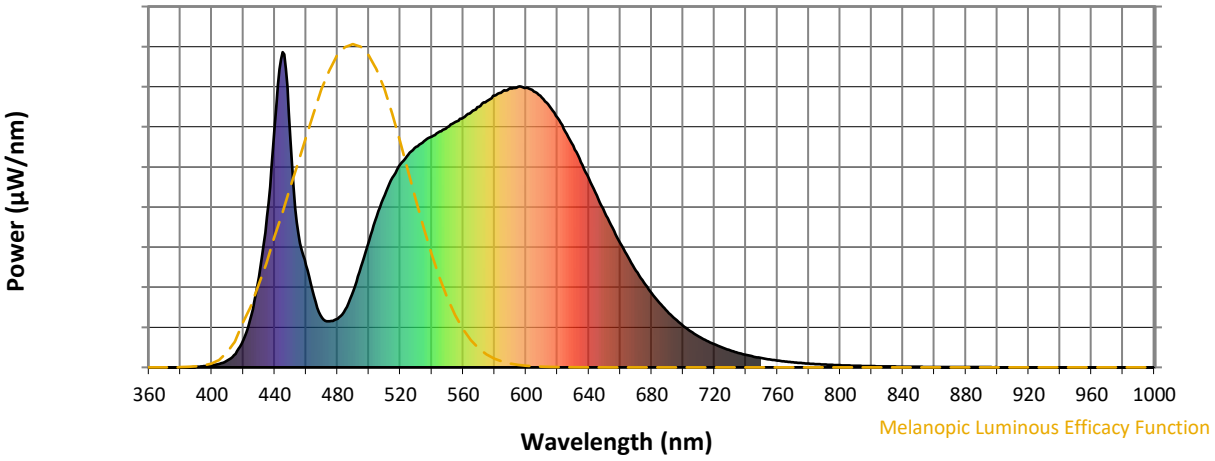


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

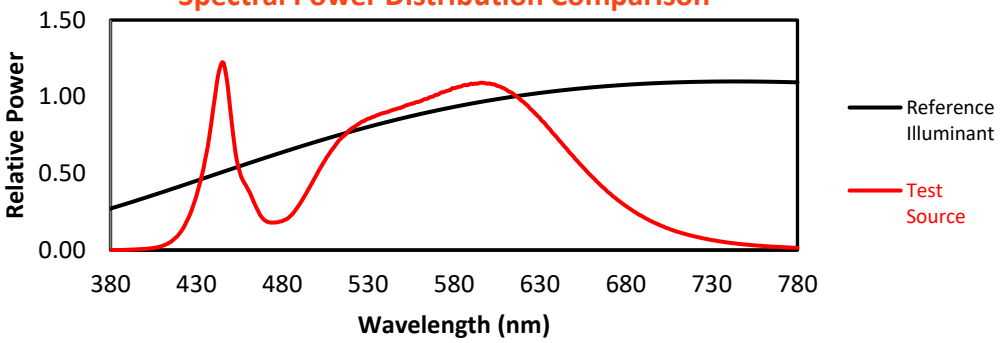
REPORT NUMBER: SP1-2407-184-11

TM-30-18

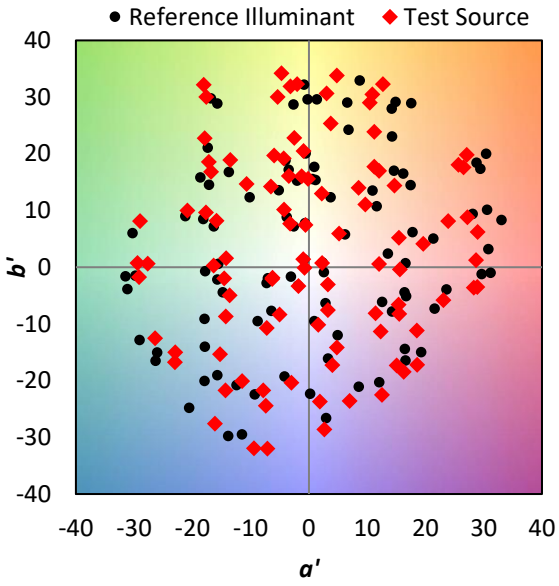
Summary

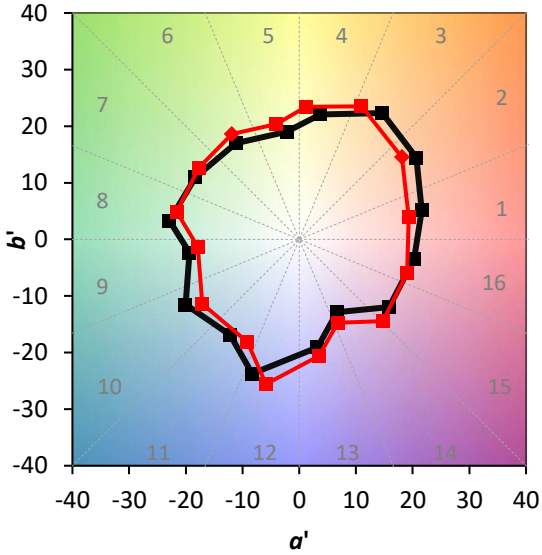
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

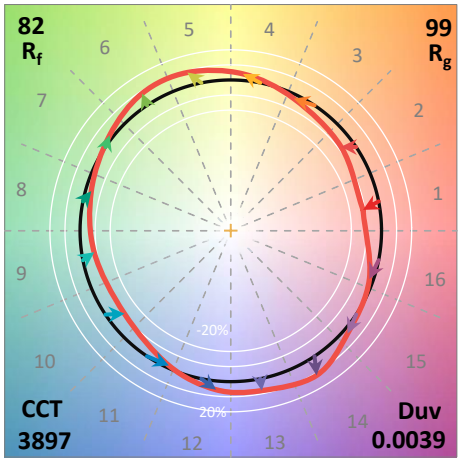
Spectral Power Distribution Comparison

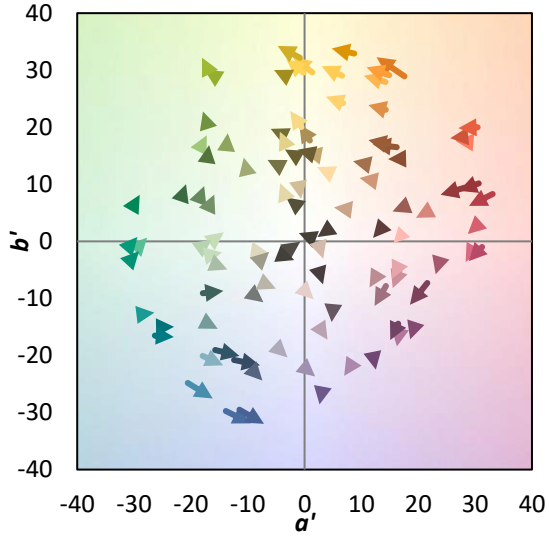


Color Vector Graphics







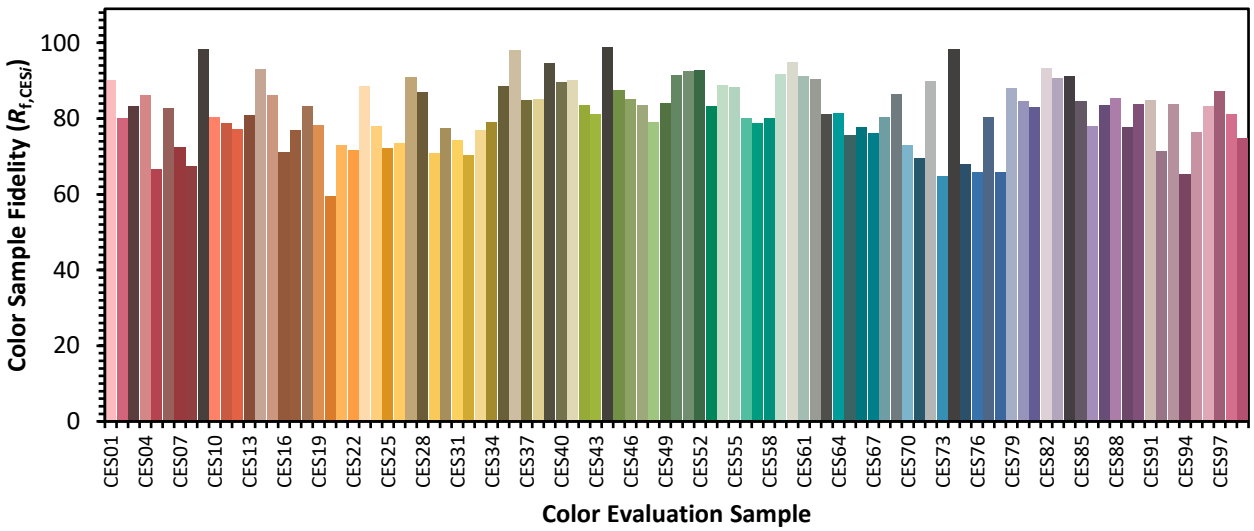


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

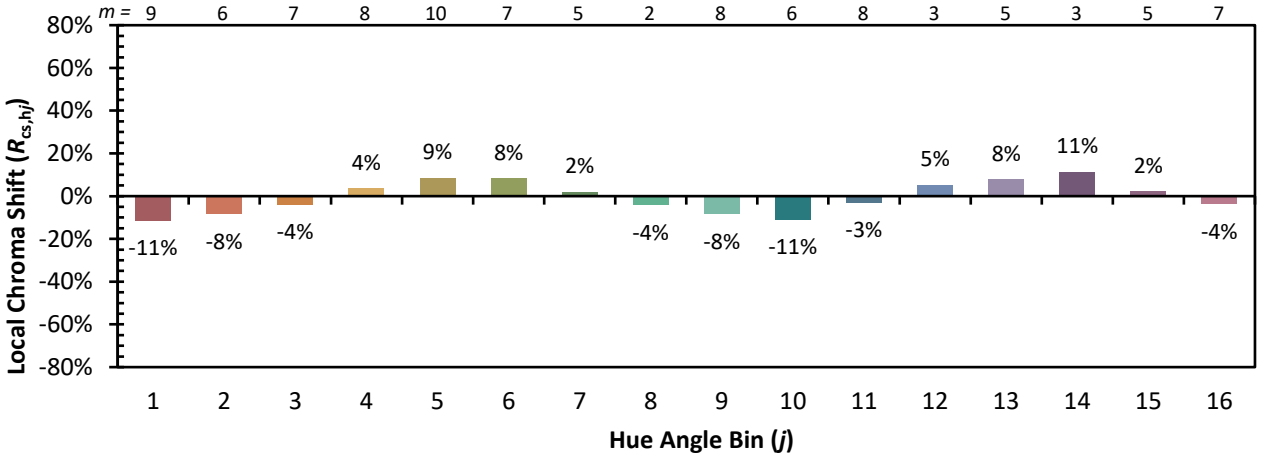
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

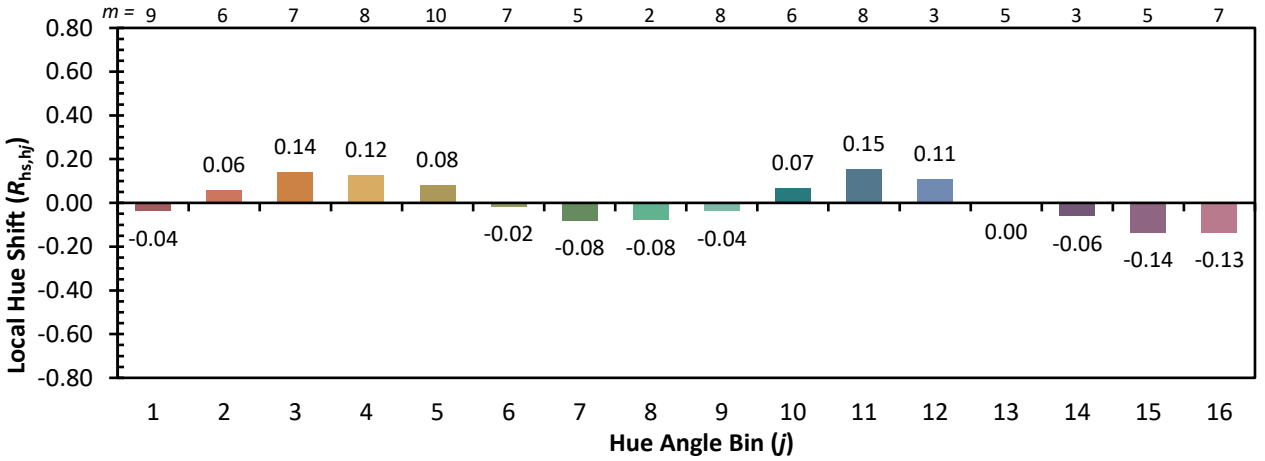


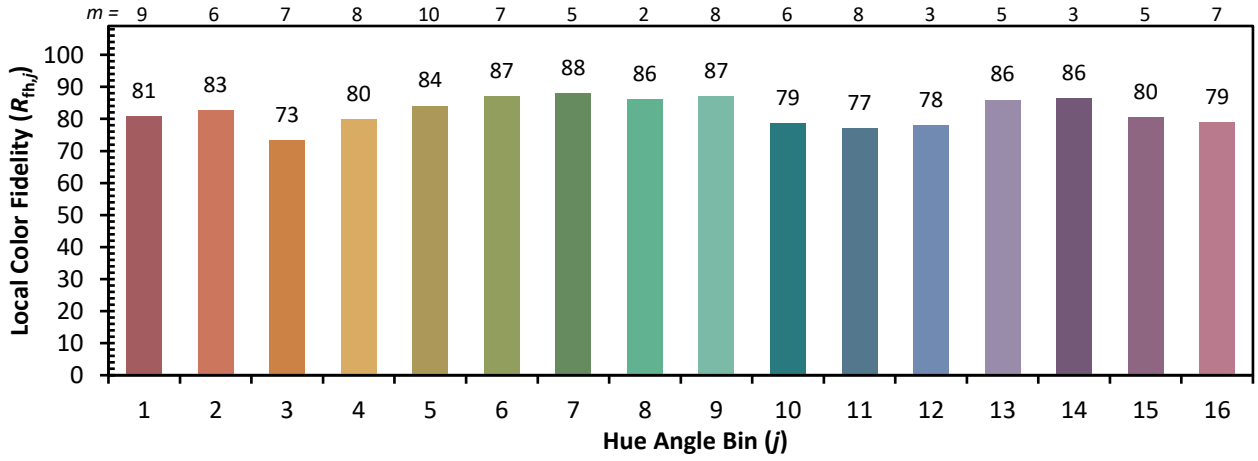
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



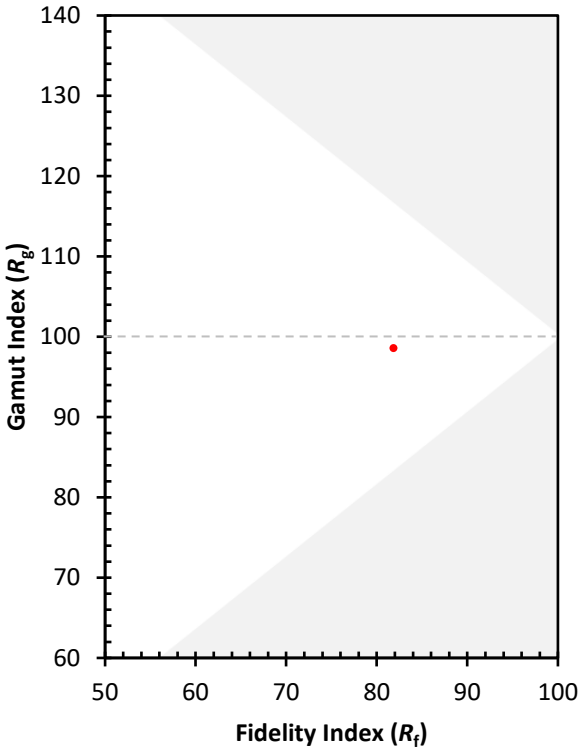


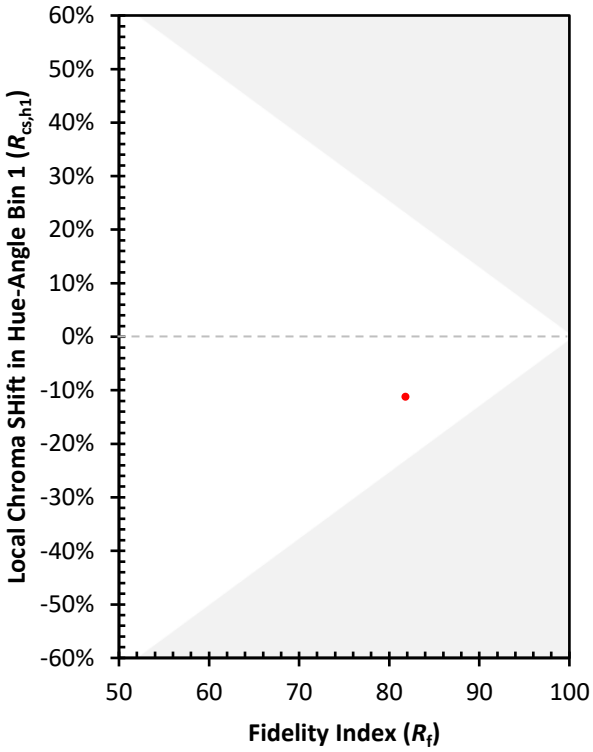


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





(END OF REPORT)