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: P1047577

Luminaire Tested: **GALN-SA7A-940-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:	P1047577
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7A-940-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(98) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19094.3 lumens
Efficiency:	N/A
Efficacy:	98.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

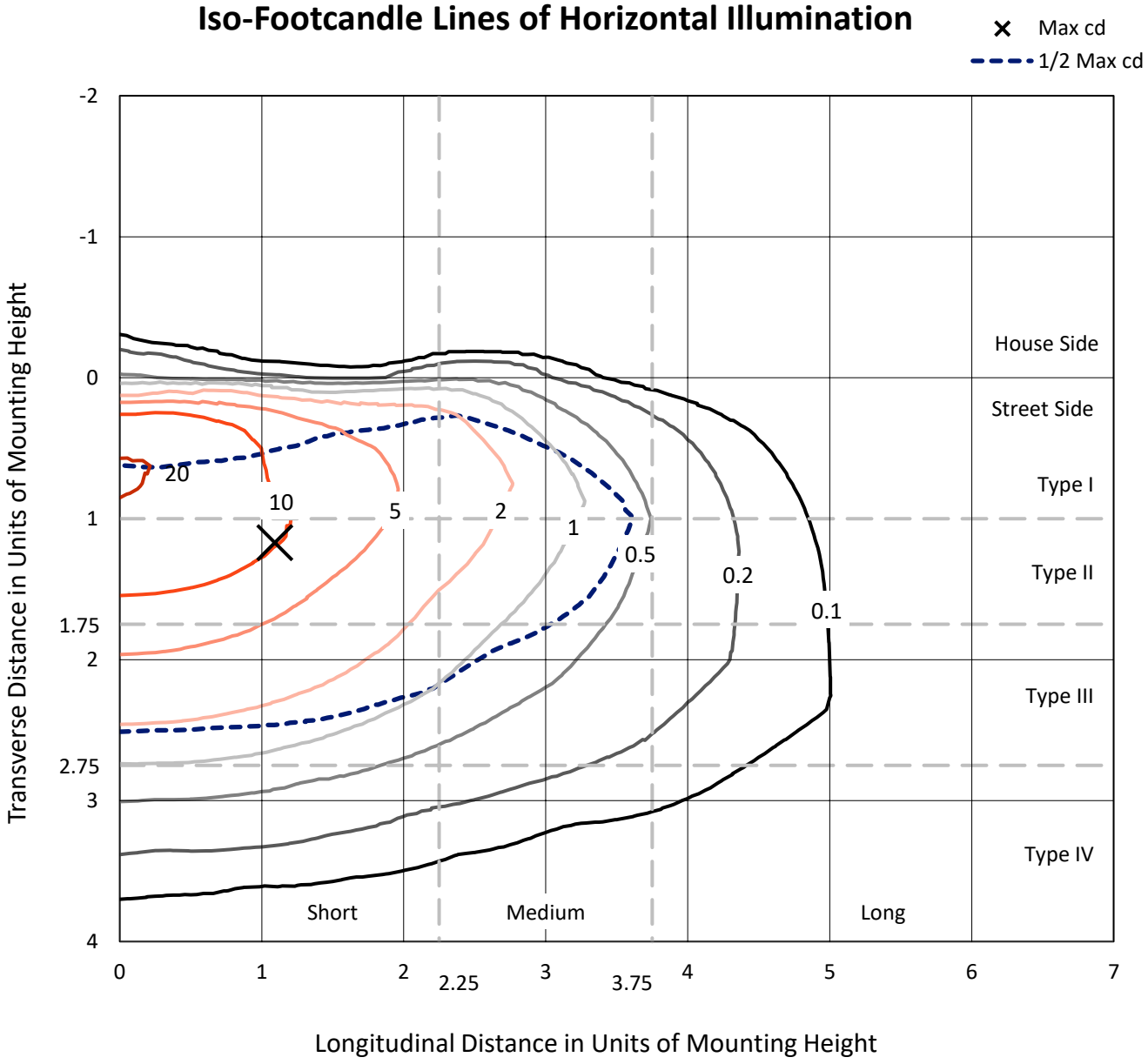
Input Watts (W):	193.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



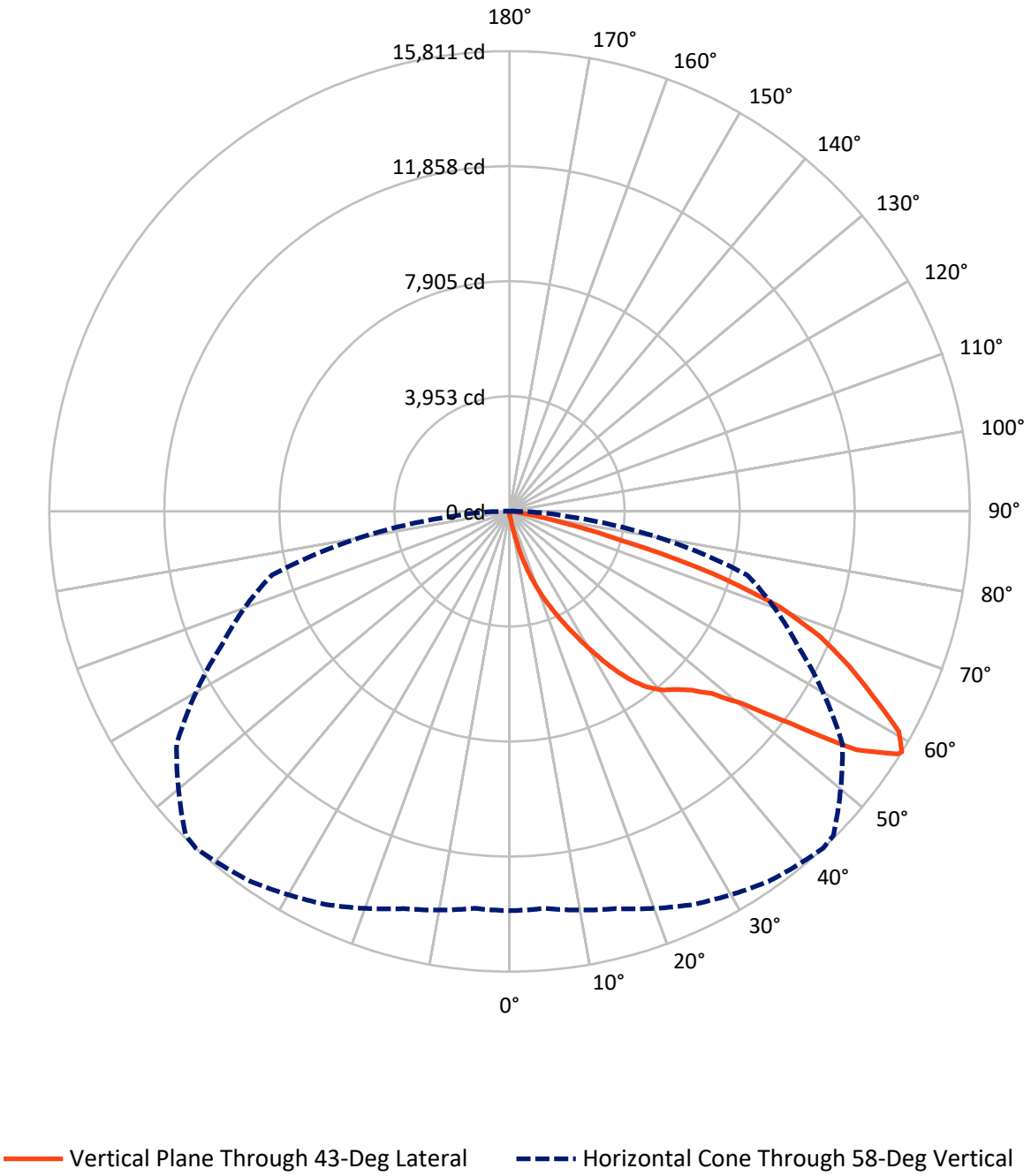
Based on 15 foot mounting height. Maximum calculated value = 21.4 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

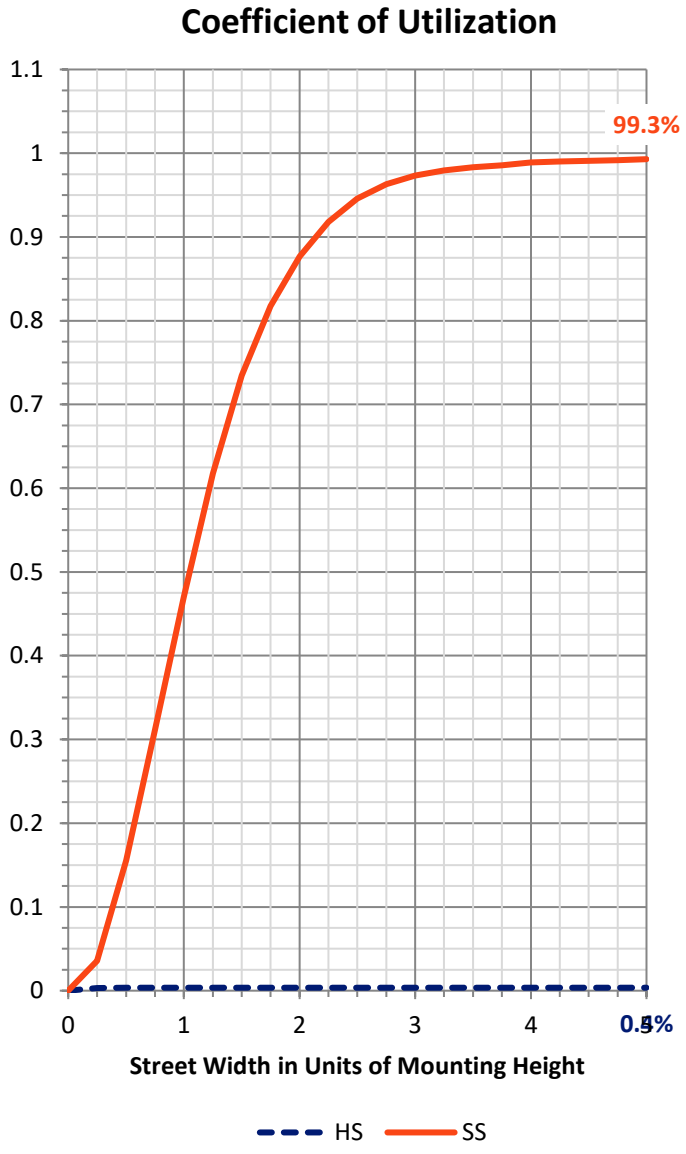
REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.7	0.0	69.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19024.6	0.0	19024.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	19094.3	0.0	19094.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	0.1
10°-20°	219.5	1.1
20°-30°	791.1	4.1
30°-40°	1810.0	9.5
40°-50°	3052.8	16.0
50°-60°	5037.8	26.4
60°-70°	5630.5	29.5
70°-80°	2324.7	12.2
80°-90°	209.6	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°	19094.3	100.0
0°-180°	19094.3	100.0



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

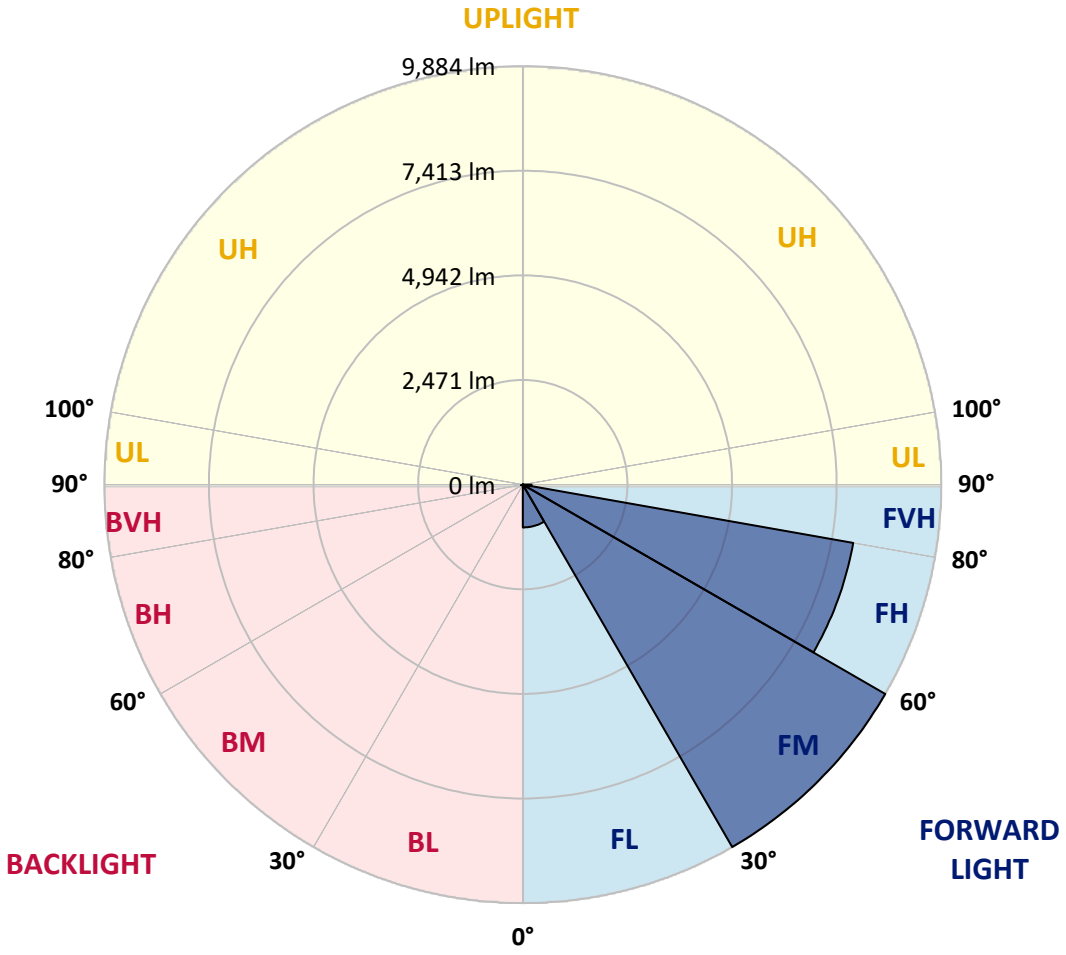
Scaled Data Report

REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1010.7	5.3			
FM	(30°-60°)	9883.9	51.8			
FH	(60°-80°)	7923.2	41.5			G4/12000
FVH	(80°-90°)	206.7	1.1			G2/225
BL	(0°-30°)	18.2	0.1	B0/110		
BM	(30°-60°)	16.7	0.1	B0/220		
BH	(60°-80°)	31.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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-G4
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	124.8	124.8	124.8	124.8	124.8	*124.8*	124.8	124.8	124.8	124.8	124.8
2.5°	149.8	154.8	149.8	149.8	149.8	*144.8*	144.8	139.8	139.8	134.8	129.8
5°	219.7	219.7	204.8	194.8	184.8	*179.8*	174.8	164.8	154.8	144.8	134.8
7.5°	489.4	489.4	444.5	384.5	304.6	*259.7*	249.7	204.8	174.8	154.8	134.8
10°	1168.6	1168.6	1068.7	903.9	699.2	*519.4*	464.4	294.6	209.7	164.8	139.8
12.5°	1942.6	1967.6	1842.8	1633.0	1328.4	*1013.8*	903.9	539.3	279.7	179.8	139.8
15°	2636.8	2576.9	2541.9	2342.2	2052.5	*1678.0*	1538.1	908.9	404.5	204.8	139.8
17.5°	3106.2	3106.2	3056.3	2921.5	2656.8	*2327.2*	2212.3	1468.2	654.2	234.7	144.8
20°	3655.6	3655.6	3565.7	3470.8	3236.1	*2956.4*	2846.5	2087.5	1013.8	299.6	144.8
22.5°	4319.8	4329.7	4229.9	4060.1	3835.3	*3525.7*	3430.8	2661.8	1468.2	399.5	149.8
25°	5128.8	5138.8	4993.9	4834.1	4489.6	*4155.0*	4010.1	3321.0	2022.5	559.3	149.8
27.5°	6022.7	6092.6	5877.9	5603.2	5238.6	*4819.2*	4709.3	3915.3	2571.9	789.0	159.8
30°	7136.3	7136.3	6851.7	6467.2	6072.6	*5553.3*	5413.4	4539.5	3156.2	1093.7	169.8
32.5°	8095.2	8020.3	7655.7	7251.2	6831.7	*6347.3*	6197.5	5193.7	3755.4	1473.2	189.8
35°	8829.3	8764.4	8314.9	7880.4	7515.9	*7071.4*	6891.6	5902.8	4389.7	1902.7	219.7
37.5°	9458.5	9433.6	8824.3	8280.0	8040.2	*7650.7*	7490.9	6572.0	5013.9	2367.1	254.7
40°	10147.7	10067.8	9418.6	8744.4	8384.8	*8070.2*	7925.4	7111.4	5613.2	2911.5	304.6
42.5°	10737.0	10642.1	10057.8	9398.6	8784.3	*8359.9*	8220.0	7565.8	6197.5	3455.8	369.6
45°	11391.2	11341.2	10752.0	10252.6	9433.6	*8754.4*	8569.6	7930.4	6731.8	4105.0	454.4
47.5°	12375.0	12285.1	11735.8	11326.3	10377.4	*9353.7*	9089.0	8304.9	7246.2	4744.2	584.3
50°	13518.6	13458.7	13134.1	12809.5	11865.6	*10377.4*	10062.8	8844.3	7820.5	5503.3	754.1
52.5°	14452.5	14442.5	14482.4	14487.4	13773.3	*12100.3*	11630.9	9713.2	8479.7	6252.4	993.8
55°	14432.5	14477.4	14916.9	15421.3	15476.2	*14452.5*	13998.0	11176.4	9338.7	7176.3	1328.4
57.5°	13893.2	13858.2	14322.6	15081.7	15616.1	*15725.9*	15651.0	13448.7	10632.1	8289.9	1842.8
58°	*13718.4*	*13688.4*	*14127.9*	*14901.9*	*15516.2*	*15810.8*	*15735.9*	*13963.1*	*10921.8*	*8449.8*	*1982.6*
60°	13084.1	13089.1	13348.8	14053.0	14667.2	*15366.4*	15436.3	15431.3	12365.0	9518.5	2686.7
62.5°	12245.2	12205.2	12444.9	13019.2	13558.6	*14028.0*	14147.8	15531.2	14477.4	10876.8	4030.1
65°	11086.6	11026.6	11281.3	11930.5	12509.8	*12814.5*	12819.5	14192.8	15471.2	12335.0	5947.8
67.5°	8934.2	8884.2	9393.6	10227.6	11121.5	*11521.0*	11700.8	12315.1	14632.3	13323.8	7046.5
70°	5473.4	5578.2	6287.4	7595.8	9123.9	*9858.0*	10127.7	10317.5	12459.9	13174.0	5892.9
72.5°	2526.9	2402.1	3006.4	3920.2	5663.1	*7296.2*	7575.8	8319.9	9878.0	11436.1	4394.7
75°	1178.6	1133.6	1273.5	1712.9	2566.9	*3940.2*	4449.6	6641.9	7575.8	7955.4	3171.2
77.5°	604.3	609.3	724.1	779.1	1058.7	*1822.8*	2092.5	4369.7	5553.3	4439.6	2127.4
80°	264.7	274.7	279.7	304.6	429.5	*704.1*	794.0	2027.5	3795.4	2262.3	1163.6
82.5°	169.8	174.8	174.8	174.8	204.8	*279.7*	319.6	814.0	1892.7	1123.6	359.6
85°	89.9	89.9	99.9	124.8	144.8	*169.8*	179.8	259.7	624.2	334.6	84.9
87.5°	49.9	54.9	59.9	74.9	94.9	*114.9*	124.8	179.8	239.7	229.7	20.0
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

Scaled Data Report

REPORT NUMBER: P1047577
CATALOG NUMBER: GALN-SA7A-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
2.5°	129.8	124.8	119.9	114.9	109.9	104.9	104.9	104.9	104.9	104.9	104.9
5°	124.8	119.9	114.9	104.9	94.9	89.9	84.9	79.9	79.9	79.9	79.9
7.5°	124.8	119.9	104.9	94.9	84.9	74.9	64.9	64.9	64.9	64.9	64.9
10°	124.8	114.9	99.9	84.9	69.9	59.9	54.9	49.9	49.9	49.9	49.9
12.5°	124.8	109.9	94.9	74.9	59.9	49.9	44.9	40.0	40.0	40.0	40.0
15°	124.8	109.9	89.9	69.9	54.9	40.0	35.0	30.0	30.0	30.0	30.0
17.5°	119.9	104.9	84.9	59.9	44.9	30.0	25.0	20.0	20.0	25.0	25.0
20°	114.9	99.9	74.9	49.9	35.0	25.0	15.0	15.0	15.0	15.0	15.0
22.5°	114.9	99.9	69.9	44.9	30.0	15.0	10.0	10.0	10.0	10.0	15.0
25°	114.9	94.9	59.9	35.0	20.0	10.0	5.0	5.0	5.0	5.0	5.0
27.5°	114.9	94.9	54.9	30.0	15.0	10.0	5.0	0.0	0.0	0.0	0.0
30°	109.9	89.9	49.9	25.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0
32.5°	109.9	84.9	40.0	20.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0
35°	114.9	79.9	35.0	15.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0
37.5°	119.9	74.9	30.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	124.8	69.9	30.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	134.8	69.9	25.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	144.8	69.9	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	164.8	74.9	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	179.8	79.9	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	199.8	74.9	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	224.7	74.9	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	244.7	69.9	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*254.7*	*64.9*	*10.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	304.6	59.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	474.4	49.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	963.8	44.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1797.8	40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2012.6	44.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1268.5	35.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	669.2	35.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	334.6	35.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	154.8	25.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	64.9	15.0	10.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	30.0	15.0	10.0	10.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.0	15.0	15.0	10.0	10.0	5.0	5.0	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

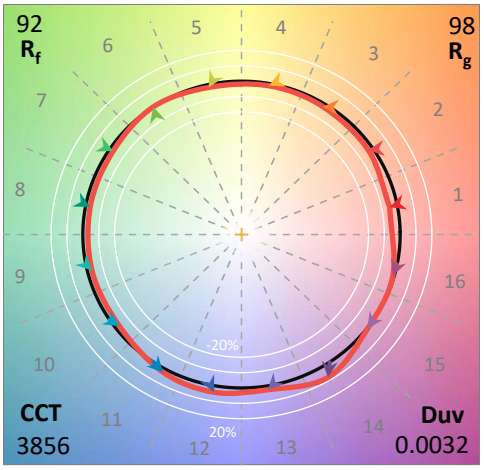
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

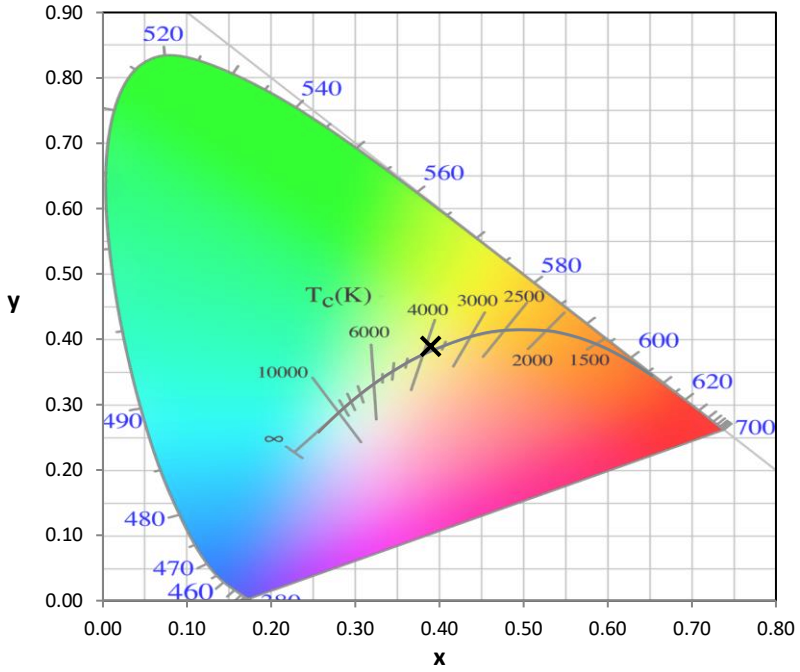
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

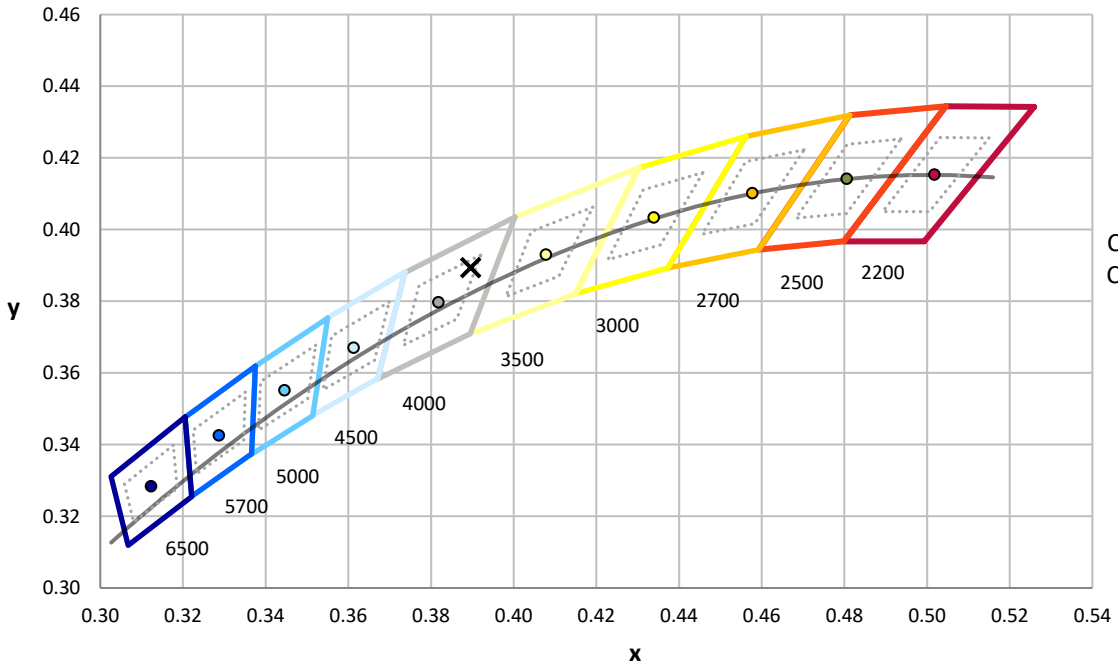
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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

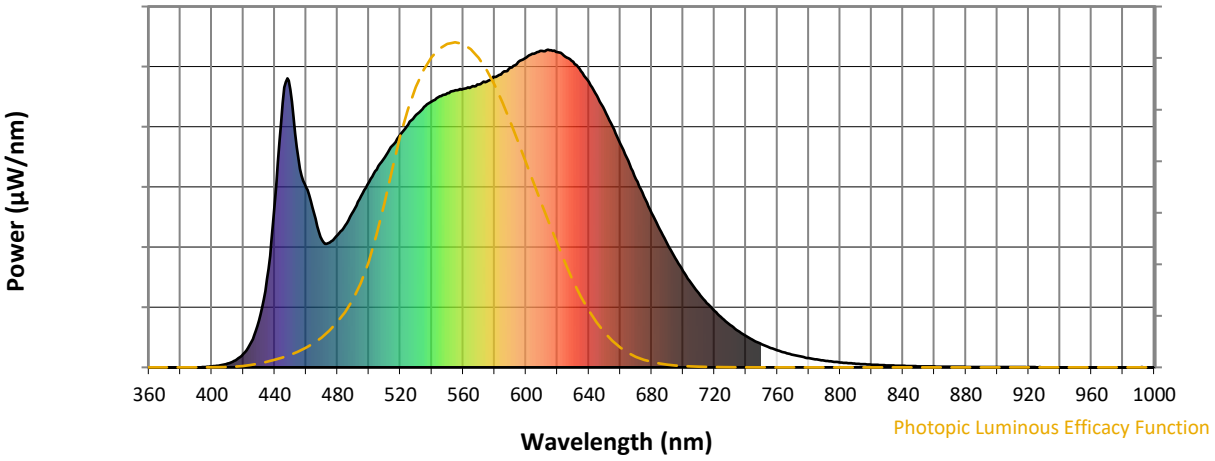


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

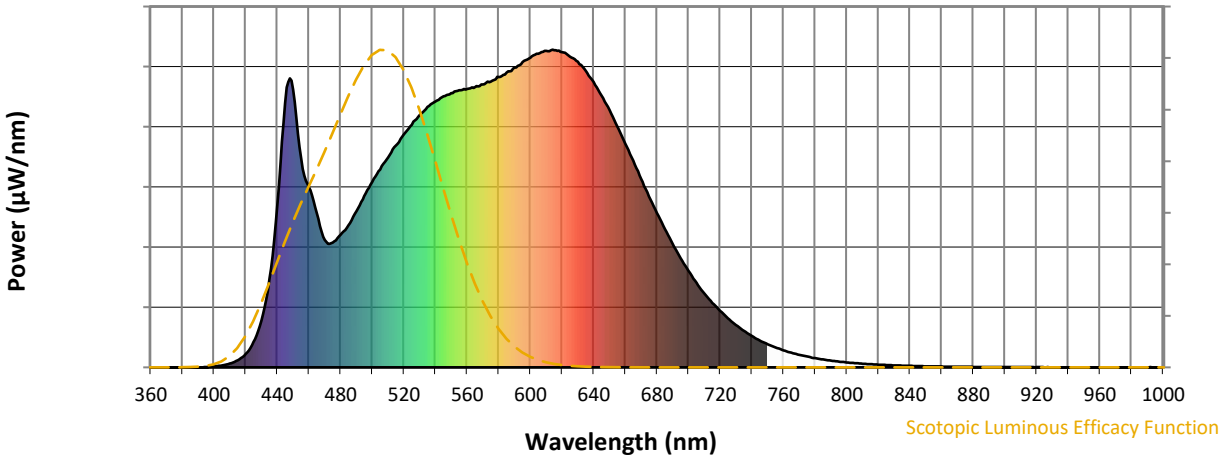


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength

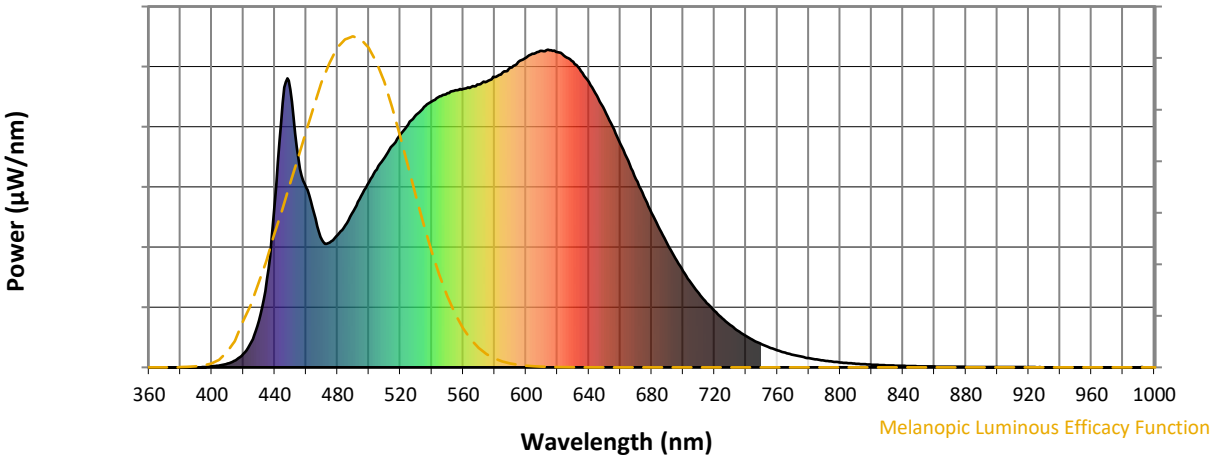


Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

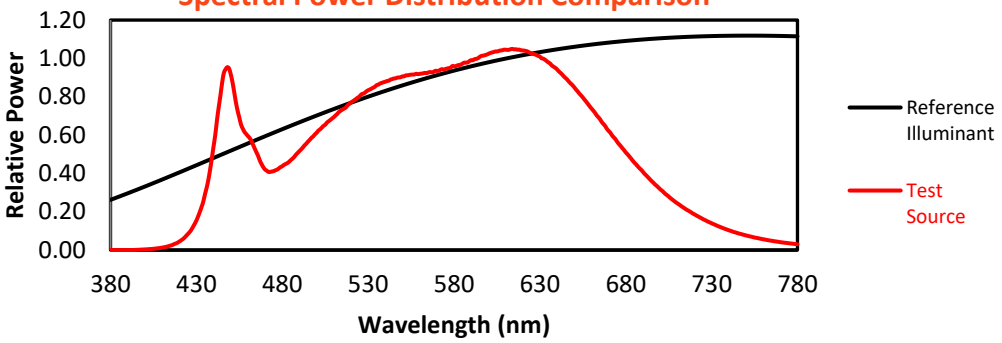
REPORT NUMBER: SP1-2407-184-16

TM-30-18

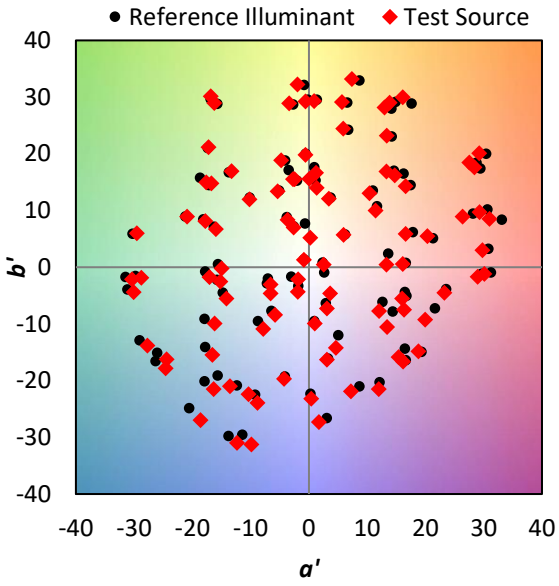
Summary

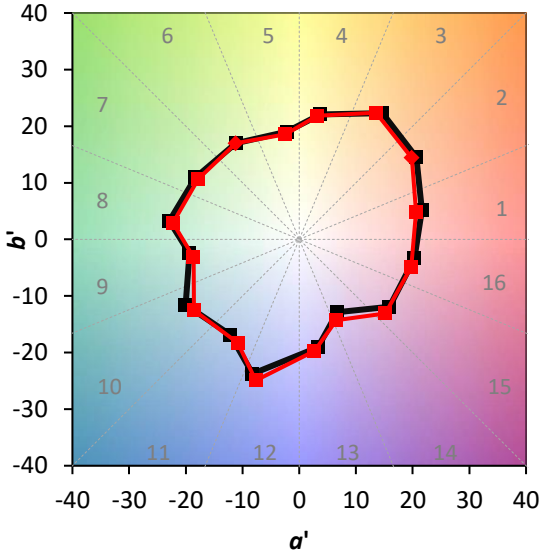
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

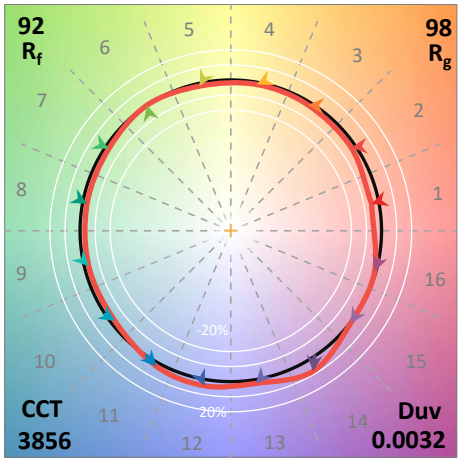
Spectral Power Distribution Comparison

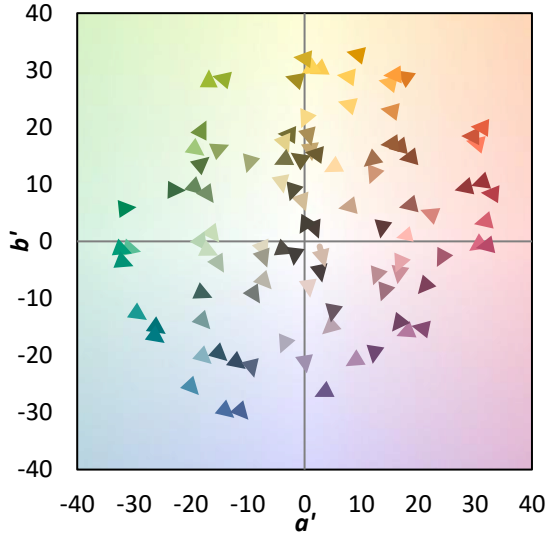


Color Vector Graphics







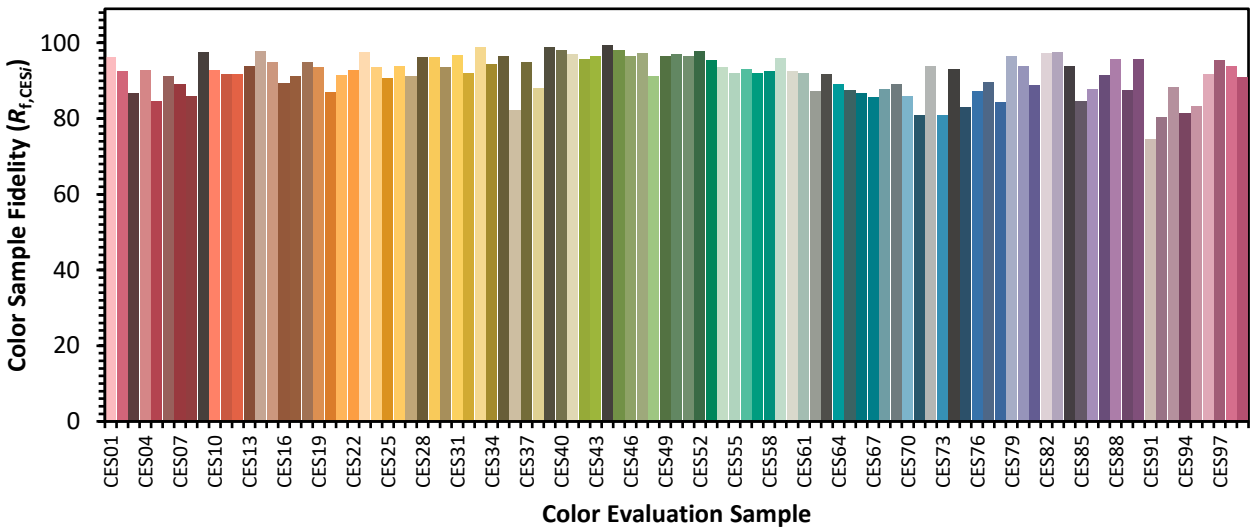


REPORT NUMBER: SP1-2407-184-16

TM-30-18

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

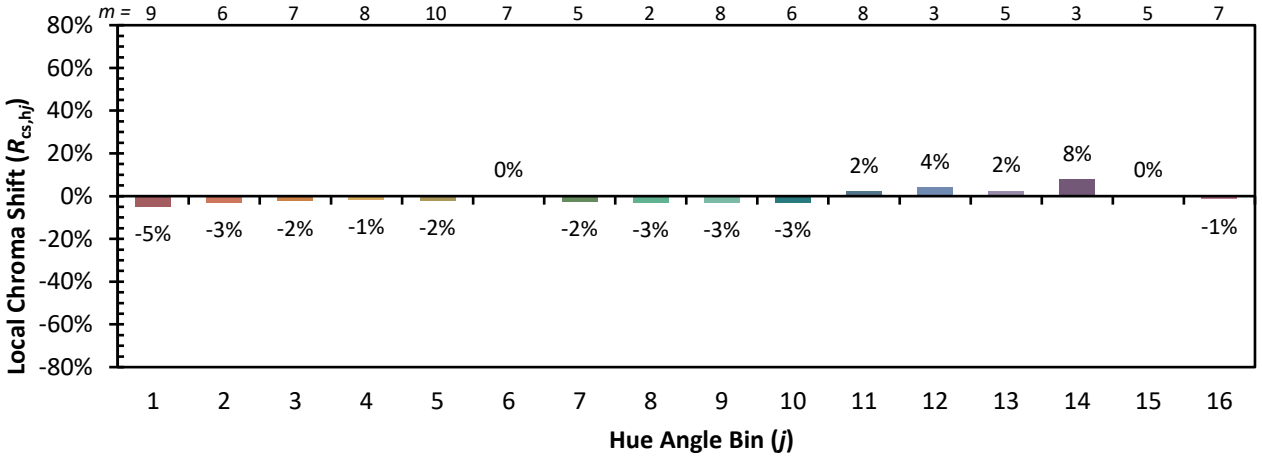
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	

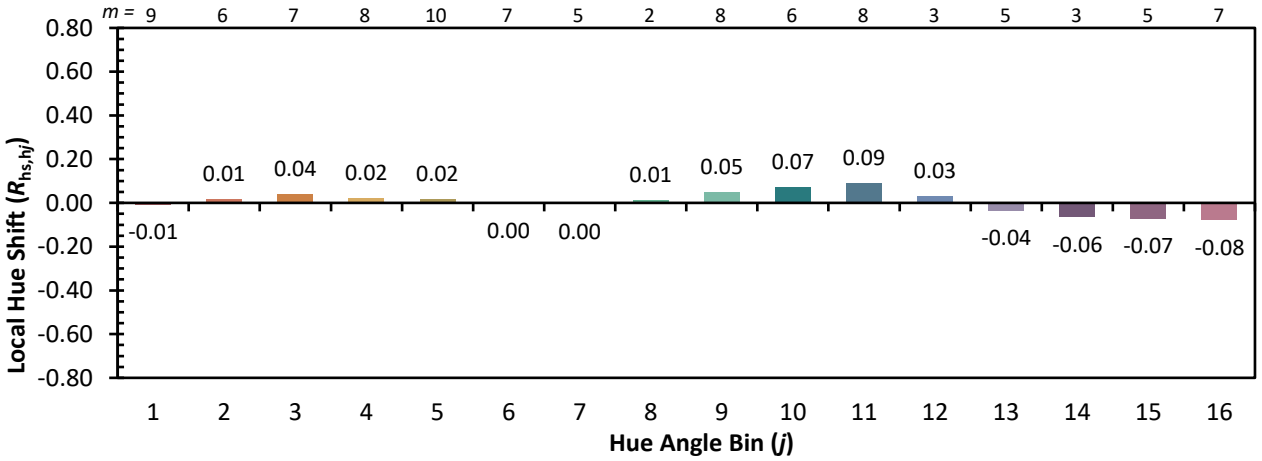


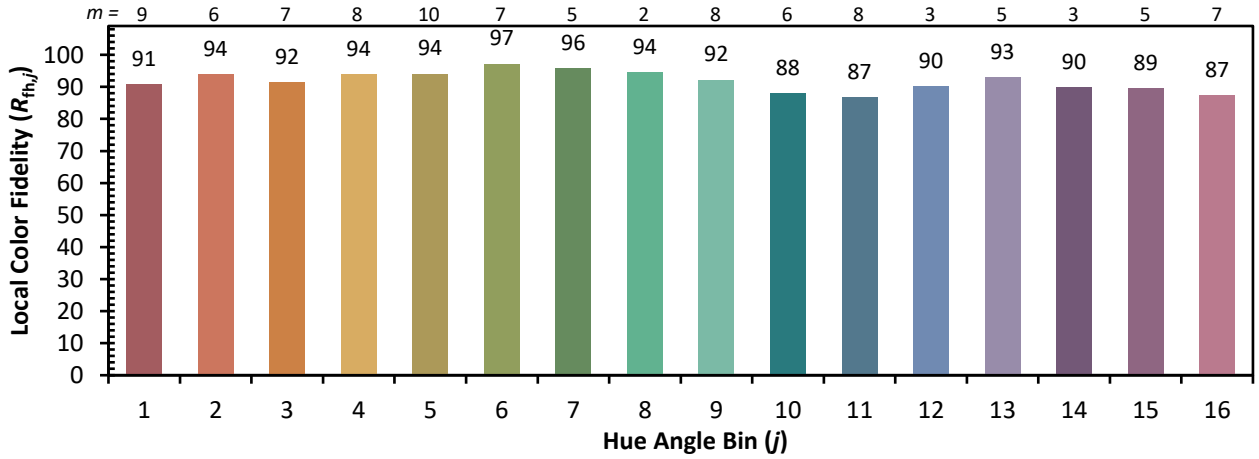
REPORT NUMBER: SP1-2407-184-16

TM-30-18

Color Rendition by Hue-Angle Bin



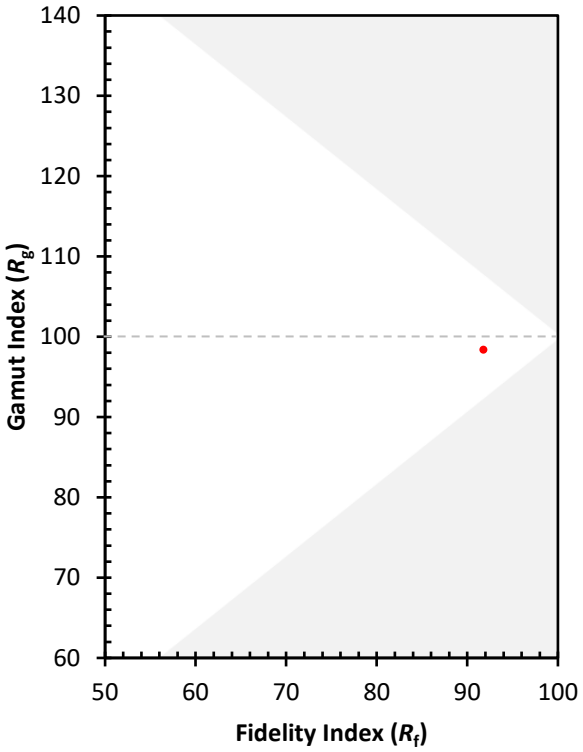


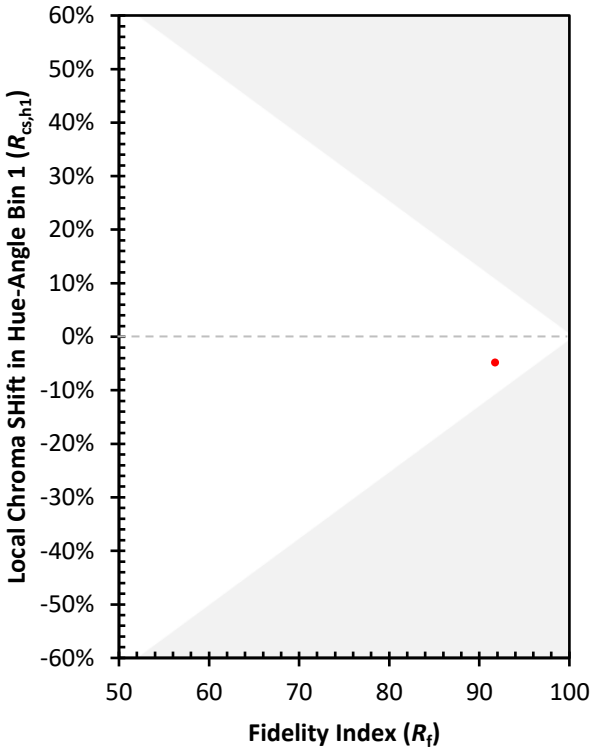


REPORT NUMBER: SP1-2407-184-16

TM-30-18

Measure Comparisons





(END OF REPORT)