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: P1047570

Luminaire Tested: **GALN-SA5B-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:	P1047570
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-940-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17076.1 lumens
Efficiency:	N/A
Efficacy:	95.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	178.8
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

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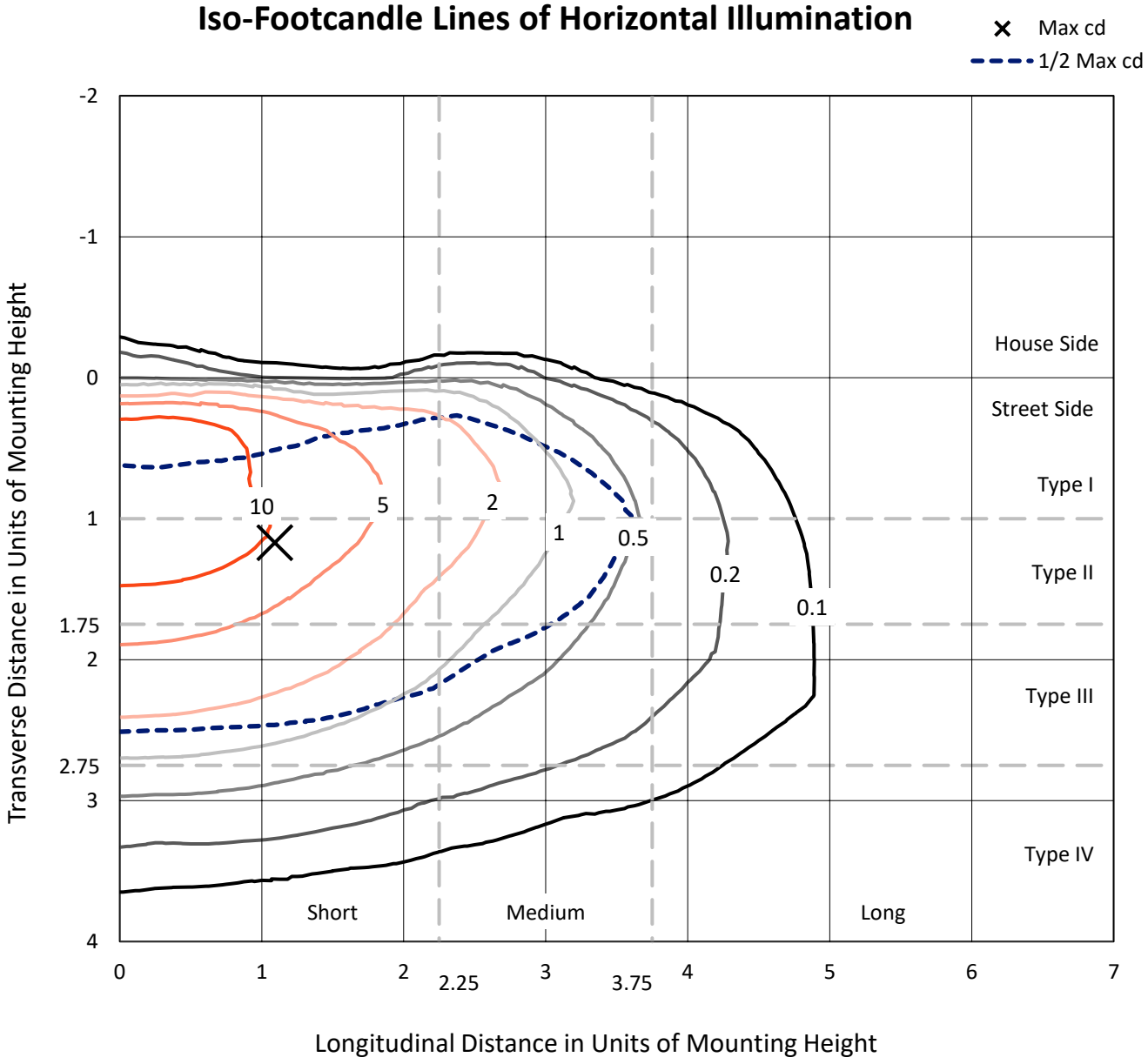
REPORT NUMBER: P1047570
CATALOG NUMBER: GALN-SA5B-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 19.2 fc
Type III - Short - N/A

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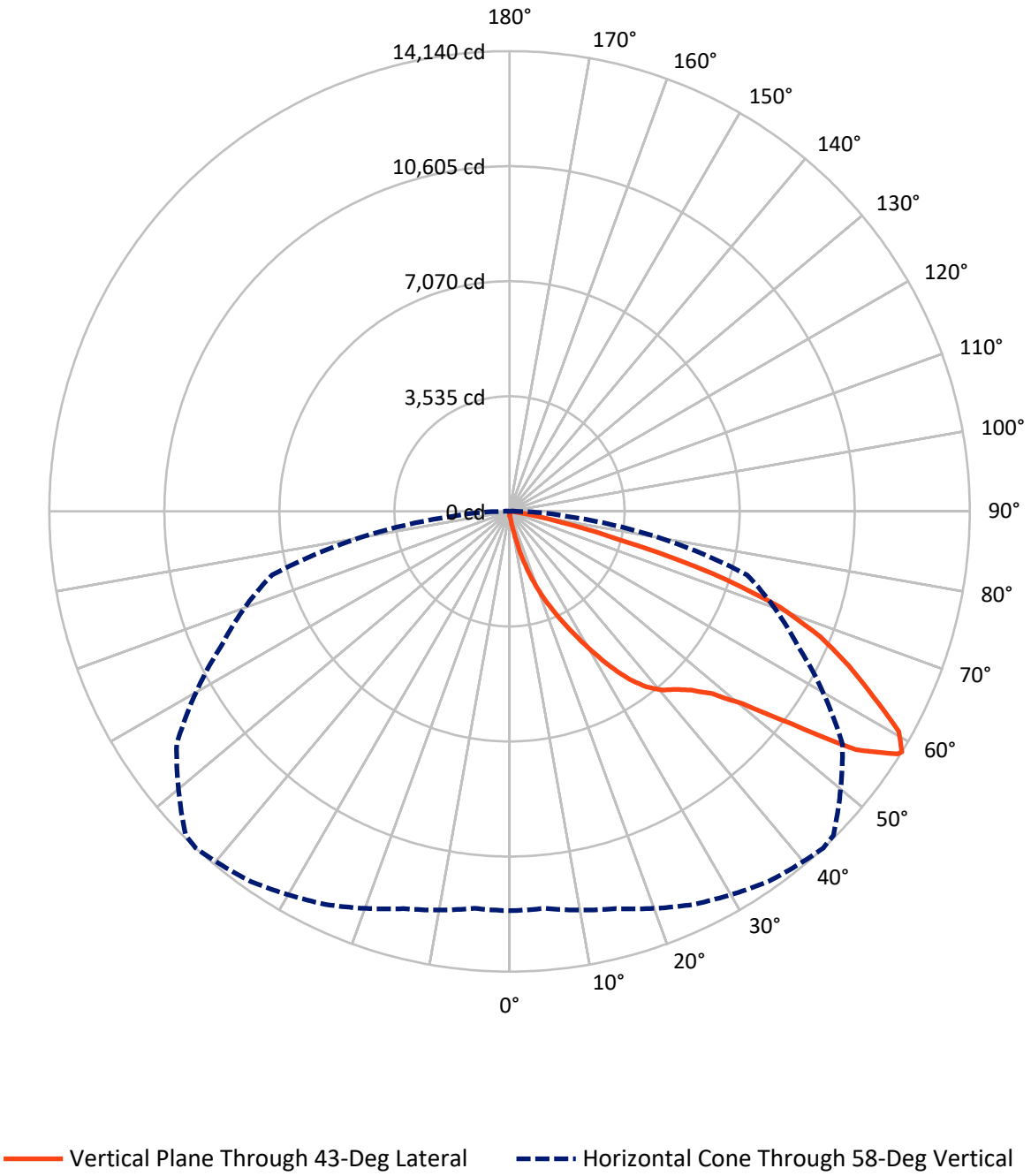
Luminous Intensity Polar Plot



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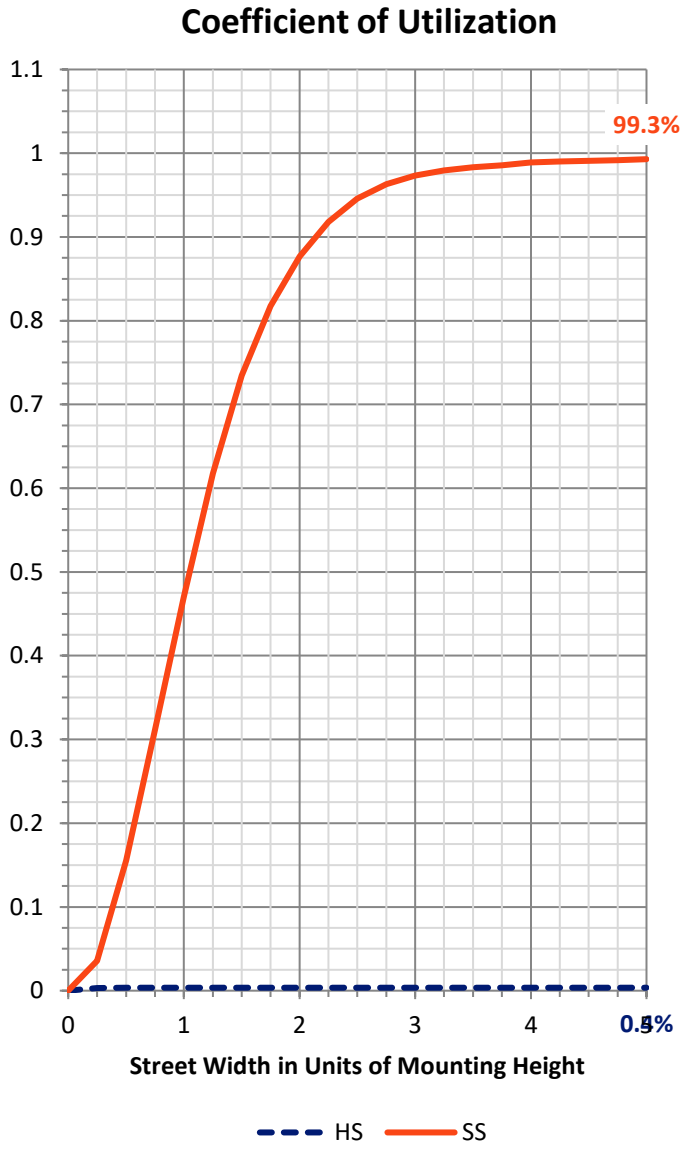
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.3	0.0	62.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17013.7	0.0	17013.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	17076.1	0.0	17076.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	0.1
10°-20°	196.3	1.1
20°-30°	707.5	4.1
30°-40°	1618.7	9.5
40°-50°	2730.1	16.0
50°-60°	4505.4	26.4
60°-70°	5035.3	29.5
70°-80°	2079.0	12.2
80°-90°	187.4	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°	17076.1	100.0
0°-180°	17076.1	100.0



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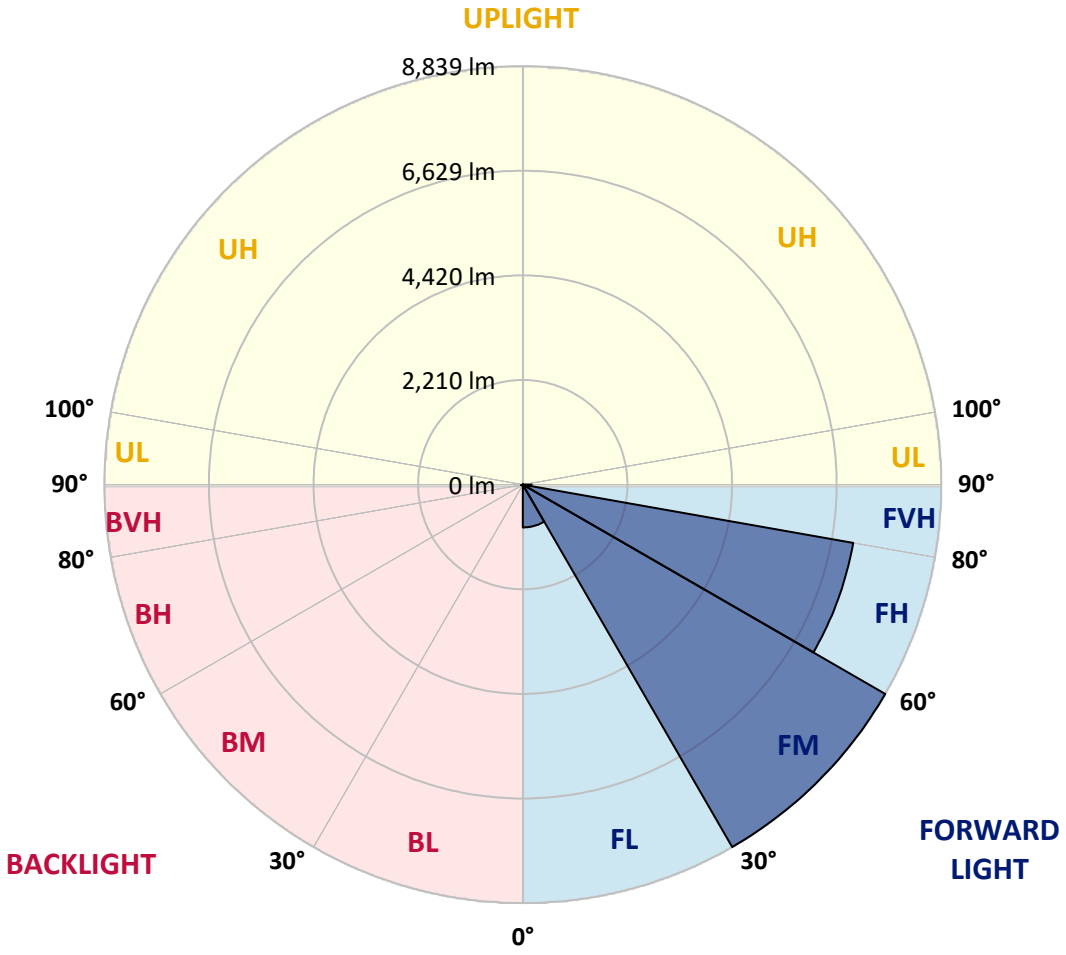
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	903.9	5.3			
FM	(30°-60°)	8839.2	51.8			
FH	(60°-80°)	7085.8	41.5			G3/7500
FVH	(80°-90°)	184.9	1.1			G2/225
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	14.9	0.1	B0/220		
BH	(60°-80°)	28.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	111.7	111.7	111.7	111.7	111.7	*111.7*	111.7	111.7	111.7	111.7	111.7
2.5°	134.0	138.4	134.0	134.0	134.0	*129.5*	129.5	125.1	125.1	120.6	116.1
5°	196.5	196.5	183.1	174.2	165.2	*160.8*	156.3	147.4	138.4	129.5	120.6
7.5°	437.7	437.7	397.5	343.9	272.4	*232.2*	223.3	183.1	156.3	138.4	120.6
10°	1045.1	1045.1	955.7	808.4	625.3	*464.5*	415.3	263.5	187.6	147.4	125.1
12.5°	1737.3	1759.6	1648.0	1460.4	1188.0	*906.6*	808.4	482.3	250.1	160.8	125.1
15°	2358.1	2304.5	2273.2	2094.6	1835.6	*1500.6*	1375.6	812.8	361.8	183.1	125.1
17.5°	2777.9	2777.9	2733.3	2612.7	2376.0	*2081.2*	1978.5	1313.0	585.1	209.9	129.5
20°	3269.2	3269.2	3188.8	3103.9	2894.0	*2643.9*	2545.7	1866.8	906.6	268.0	129.5
22.5°	3863.2	3872.1	3782.8	3630.9	3430.0	*3153.1*	3068.2	2380.4	1313.0	357.3	134.0
25°	4586.7	4595.6	4466.1	4323.2	4015.0	*3715.8*	3586.3	2970.0	1808.8	500.2	134.0
27.5°	5386.1	5448.6	5256.6	5011.0	4684.9	*4309.8*	4211.5	3501.4	2300.0	705.6	142.9
30°	6382.1	6382.1	6127.5	5783.6	5430.8	*4966.3*	4841.3	4059.7	2822.6	978.1	151.8
32.5°	7239.5	7172.6	6846.5	6484.8	6109.6	*5676.4*	5542.4	4644.7	3358.5	1317.5	169.7
35°	7896.1	7838.0	7436.1	7047.5	6721.5	*6324.0*	6163.2	5278.9	3925.7	1701.6	196.5
37.5°	8458.8	8436.5	7891.6	7404.8	7190.4	*6842.1*	6699.2	5877.4	4484.0	2116.9	227.8
40°	9075.1	9003.7	8423.1	7820.1	7498.6	*7217.2*	7087.7	6359.7	5019.9	2603.7	272.4
42.5°	9602.1	9517.3	8994.7	8405.2	7855.9	*7476.3*	7351.2	6766.1	5542.4	3090.5	330.5
45°	10187.2	10142.5	9615.5	9168.9	8436.5	*7829.1*	7663.8	7092.2	6020.3	3671.1	406.4
47.5°	11067.0	10986.6	10495.3	10129.1	9280.6	*8365.0*	8128.3	7427.1	6480.3	4242.8	522.5
50°	12089.7	12036.1	11745.8	11455.5	10611.5	*9280.6*	8999.2	7909.5	6993.9	4921.6	674.4
52.5°	12924.9	12916.0	12951.7	12956.2	12317.5	*10821.4*	10401.5	8686.6	7583.4	5591.6	888.8
55°	12907.0	12947.2	13340.2	13791.3	13840.4	*12924.9*	12518.5	9995.1	8351.6	6417.8	1188.0
57.5°	12424.7	12393.4	12808.8	13487.6	13965.5	*14063.8*	13996.8	12027.2	9508.3	7413.7	1648.0
58°	*12268.4*	*12241.6*	*12634.6*	*13326.8*	*13876.2*	*14139.7*	*14072.7*	*12487.2*	*9767.4*	*7556.6*	*1773.0*
60°	11701.2	11705.6	11937.9	12567.6	13116.9	*13742.2*	13804.7	13800.3	11058.1	8512.4	2402.8
62.5°	10950.9	10915.2	11129.5	11643.1	12125.5	*12545.3*	12652.5	13889.6	12947.2	9727.2	3604.1
65°	9914.7	9861.2	10088.9	10669.5	11187.6	*11460.0*	11464.5	12692.7	13836.0	11031.3	5319.1
67.5°	7989.9	7945.2	8400.7	9146.6	9946.0	*10303.3*	10464.1	11013.4	13085.7	11915.6	6301.7
70°	4894.8	4988.6	5622.8	6792.9	8159.6	*8816.1*	9057.3	9227.0	11142.9	11781.6	5270.0
72.5°	2259.8	2148.2	2688.6	3505.9	5064.6	*6525.0*	6775.1	7440.5	8833.9	10227.4	3930.2
75°	1054.0	1013.8	1138.9	1531.9	2295.6	*3523.8*	3979.3	5939.9	6775.1	7114.5	2836.0
77.5°	540.4	544.9	647.6	696.7	946.8	*1630.1*	1871.3	3907.8	4966.3	3970.4	1902.6
80°	236.7	245.6	250.1	272.4	384.1	*629.7*	710.1	1813.2	3394.2	2023.1	1040.6
82.5°	151.8	156.3	156.3	156.3	183.1	*250.1*	285.8	728.0	1692.7	1004.9	321.6
85°	80.4	80.4	89.3	111.7	129.5	*151.8*	160.8	232.2	558.3	299.2	75.9
87.5°	44.7	49.1	53.6	67.0	84.9	*102.7*	111.7	160.8	214.4	205.4	17.9
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA5B-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7
2.5°	116.1	111.7	107.2	102.7	98.3	93.8	93.8	93.8	93.8	93.8	93.8
5°	111.7	107.2	102.7	93.8	84.9	80.4	75.9	71.5	71.5	71.5	71.5
7.5°	111.7	107.2	93.8	84.9	75.9	67.0	58.1	58.1	58.1	58.1	58.1
10°	111.7	102.7	89.3	75.9	62.5	53.6	49.1	44.7	44.7	44.7	44.7
12.5°	111.7	98.3	84.9	67.0	53.6	44.7	40.2	35.7	35.7	35.7	35.7
15°	111.7	98.3	80.4	62.5	49.1	35.7	31.3	26.8	26.8	26.8	26.8
17.5°	107.2	93.8	75.9	53.6	40.2	26.8	22.3	17.9	17.9	22.3	22.3
20°	102.7	89.3	67.0	44.7	31.3	22.3	13.4	13.4	13.4	13.4	13.4
22.5°	102.7	89.3	62.5	40.2	26.8	13.4	8.9	8.9	8.9	8.9	13.4
25°	102.7	84.9	53.6	31.3	17.9	8.9	4.5	4.5	4.5	4.5	4.5
27.5°	102.7	84.9	49.1	26.8	13.4	8.9	4.5	0.0	0.0	0.0	0.0
30°	98.3	80.4	44.7	22.3	8.9	4.5	0.0	0.0	0.0	0.0	0.0
32.5°	98.3	75.9	35.7	17.9	8.9	4.5	0.0	0.0	0.0	0.0	0.0
35°	102.7	71.5	31.3	13.4	4.5	0.0	0.0	0.0	0.0	0.0	4.5
37.5°	107.2	67.0	26.8	8.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	111.7	62.5	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	120.6	62.5	22.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	129.5	62.5	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	147.4	67.0	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	160.8	71.5	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	178.6	67.0	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	201.0	67.0	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	218.8	62.5	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*227.8*	*58.1*	*8.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	272.4	53.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	424.3	44.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	862.0	40.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1607.8	35.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1799.8	40.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1134.4	31.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	598.5	31.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	299.2	31.3	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	138.4	22.3	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	58.1	13.4	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.8	13.4	8.9	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	13.4	13.4	8.9	8.9	4.5	4.5	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

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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

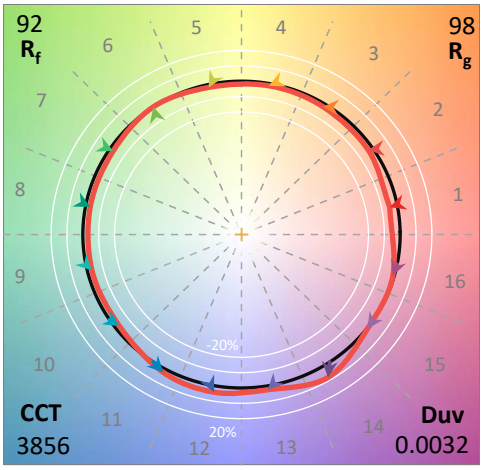
Test Information

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

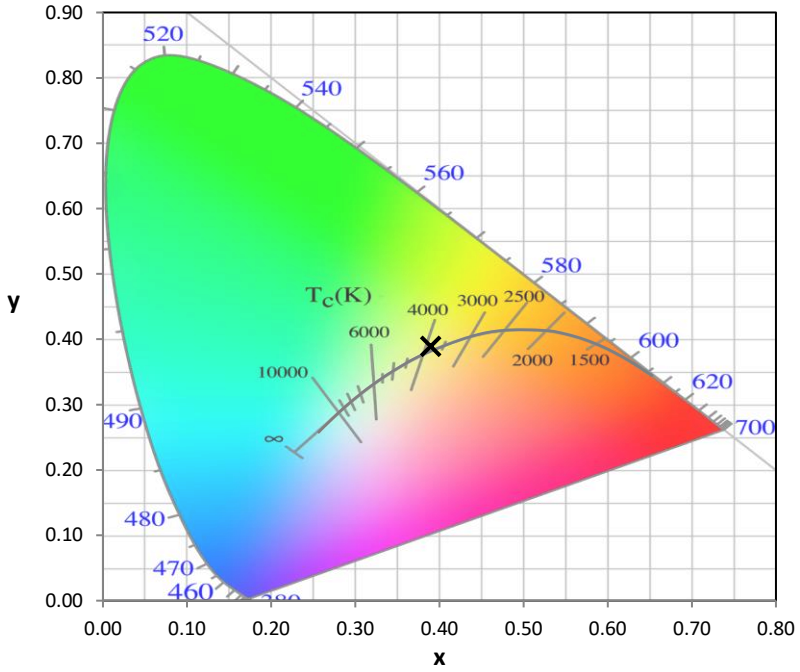
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

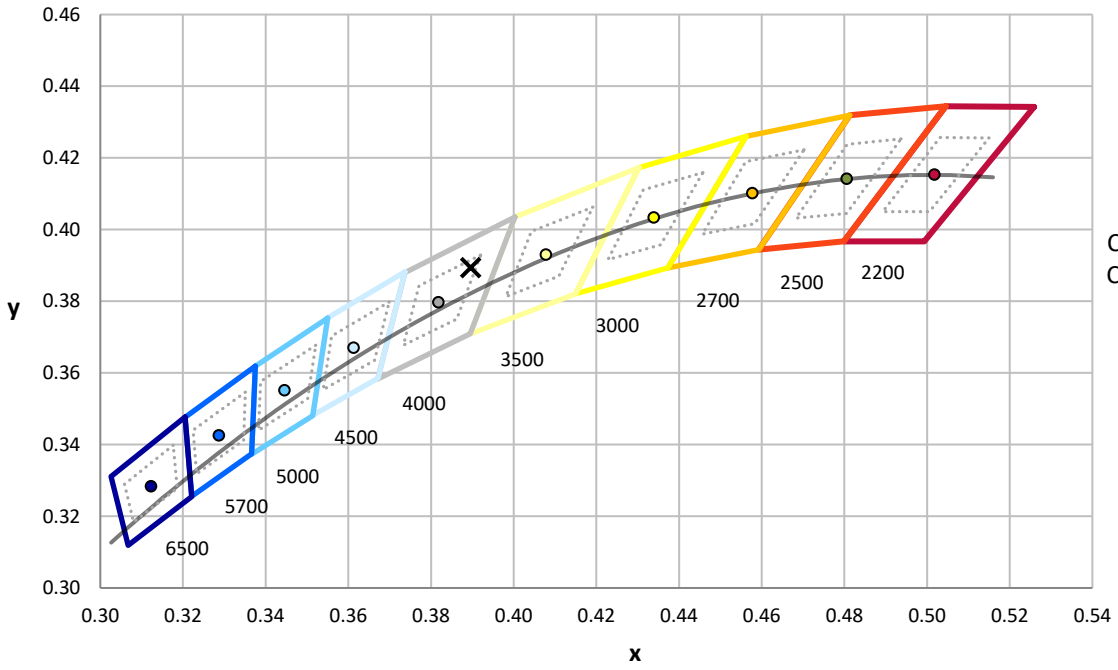
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

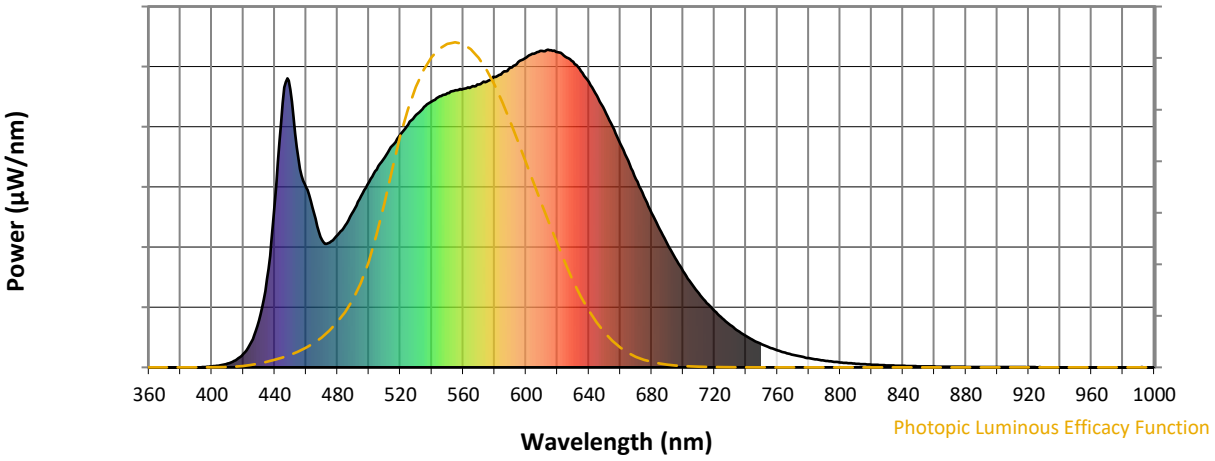


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

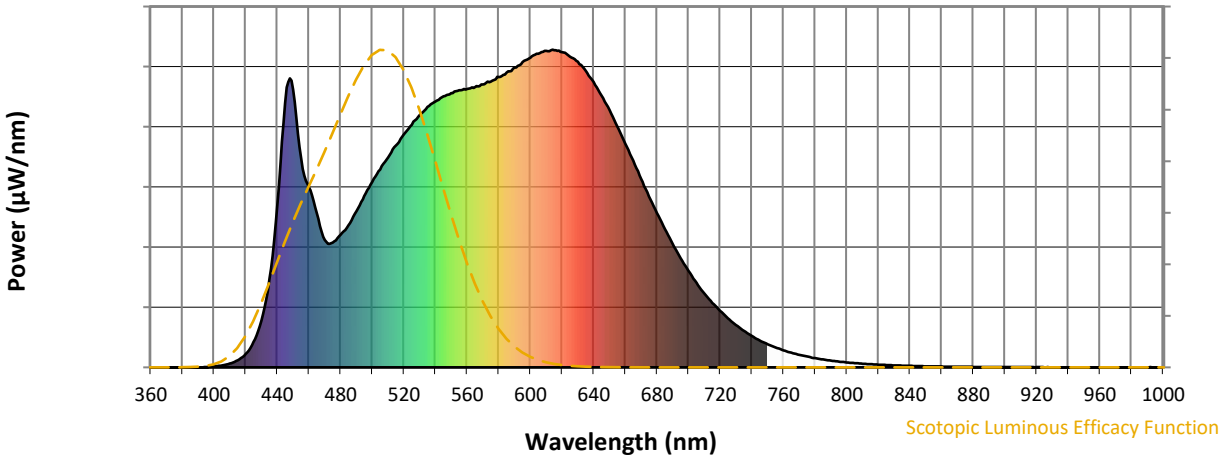


Photopic Lumens: NR

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

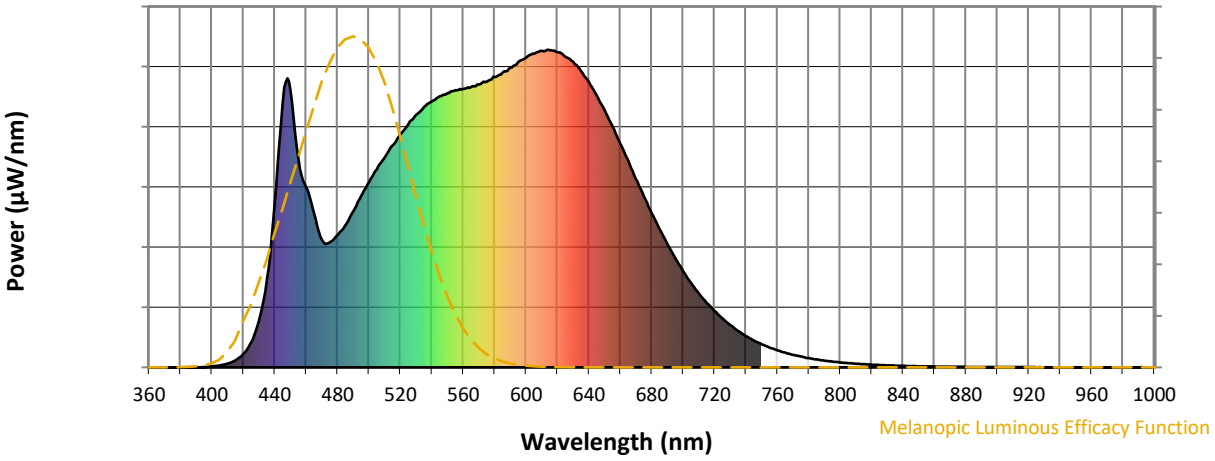


Scotopic Lumens: NR **S/P: 1.72**

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			

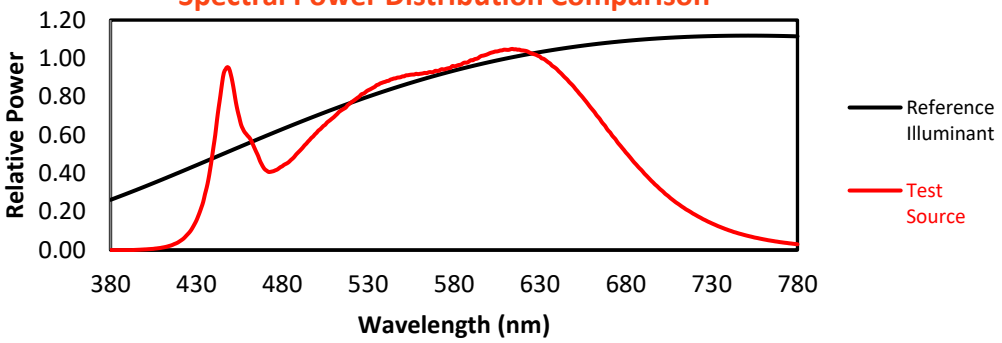
REPORT NUMBER: SP1-2407-184-16

TM-30-18

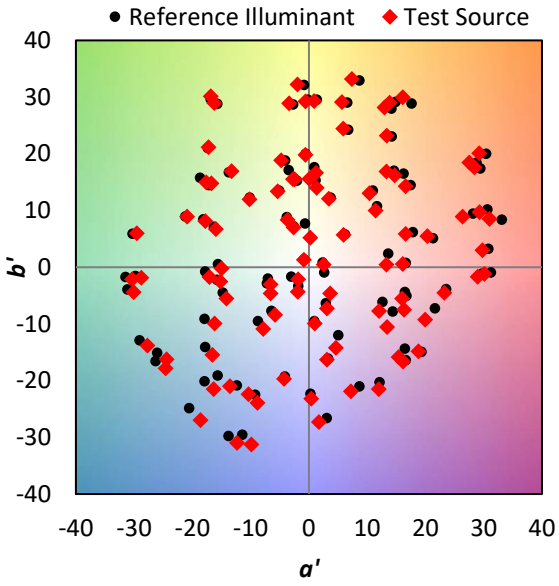
Summary

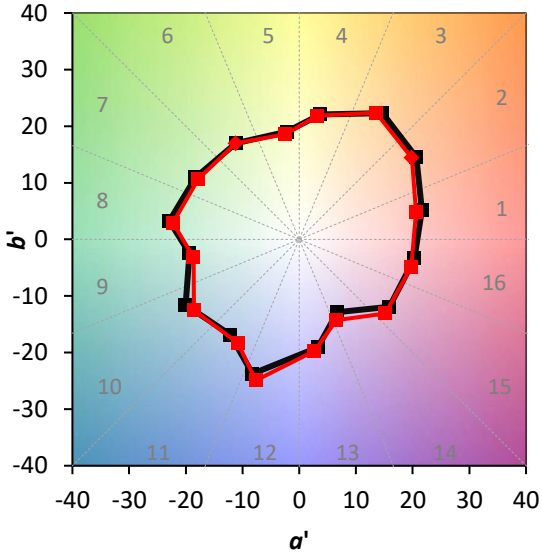
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

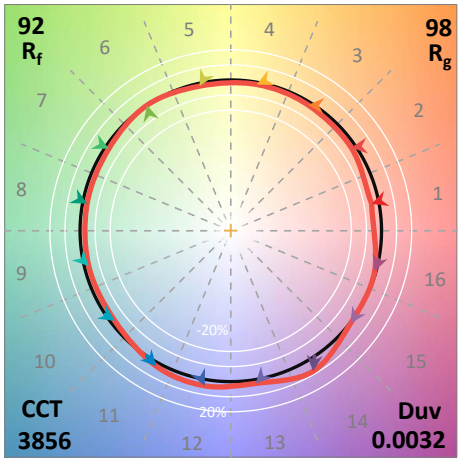
Spectral Power Distribution Comparison

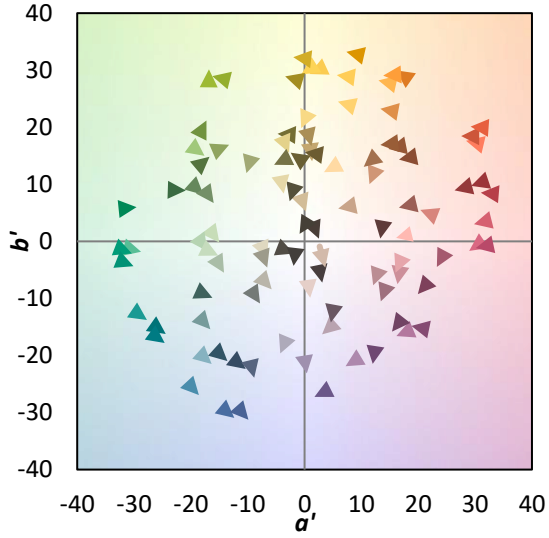


Color Vector Graphics







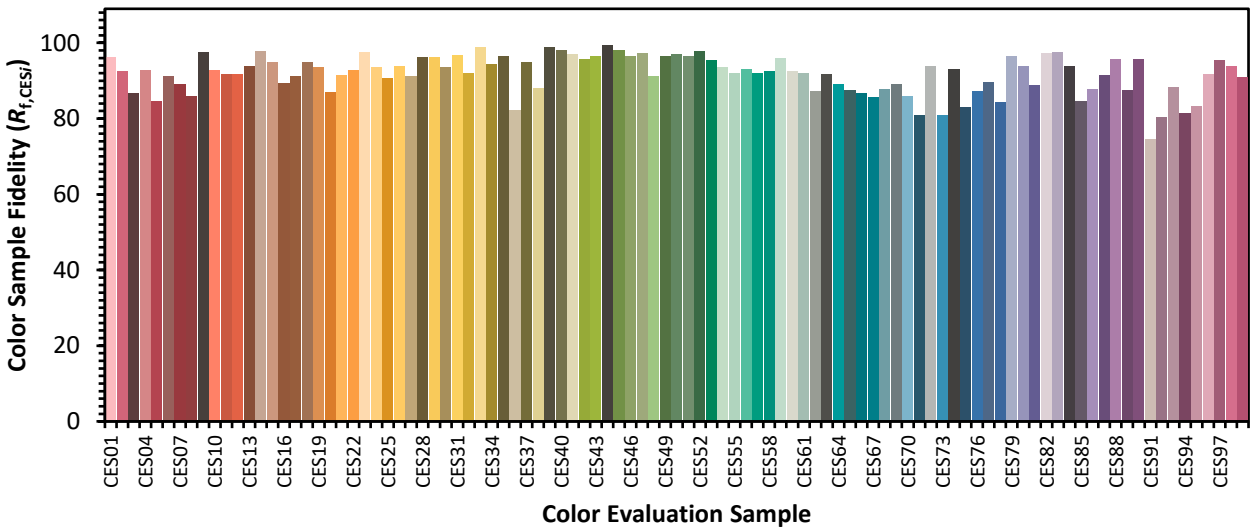


REPORT NUMBER: SP1-2407-184-16

TM-30-18

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

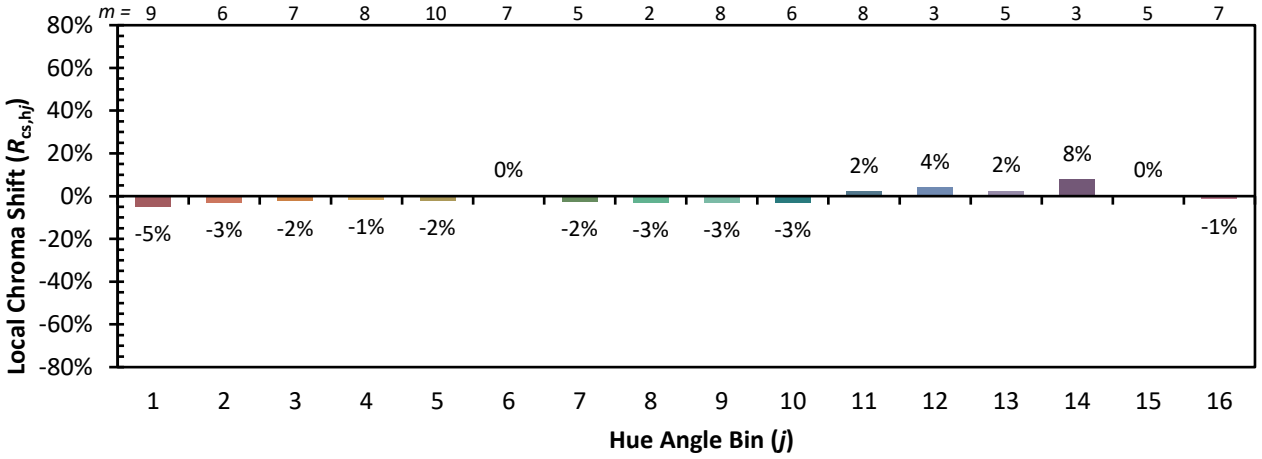
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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	

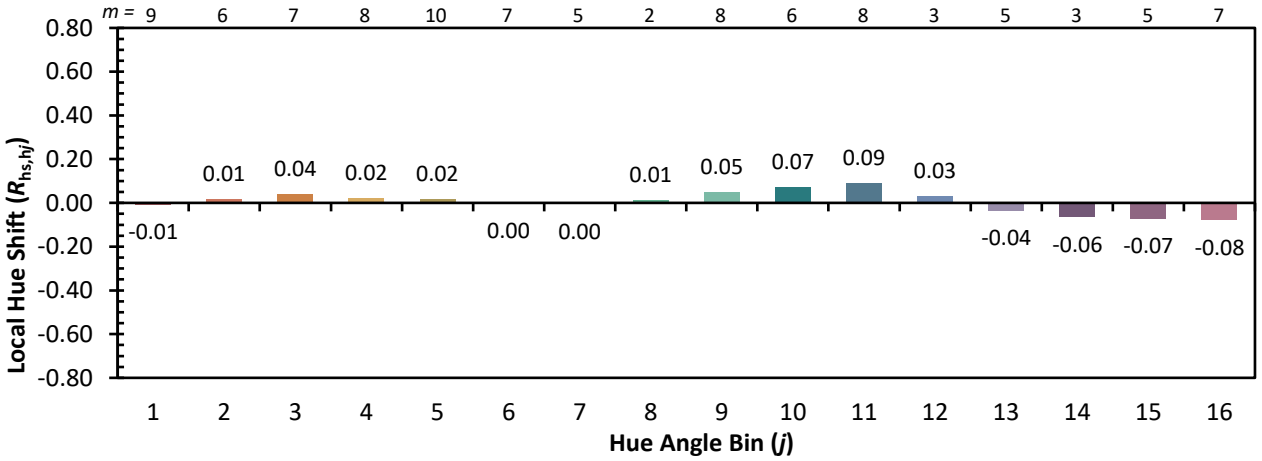


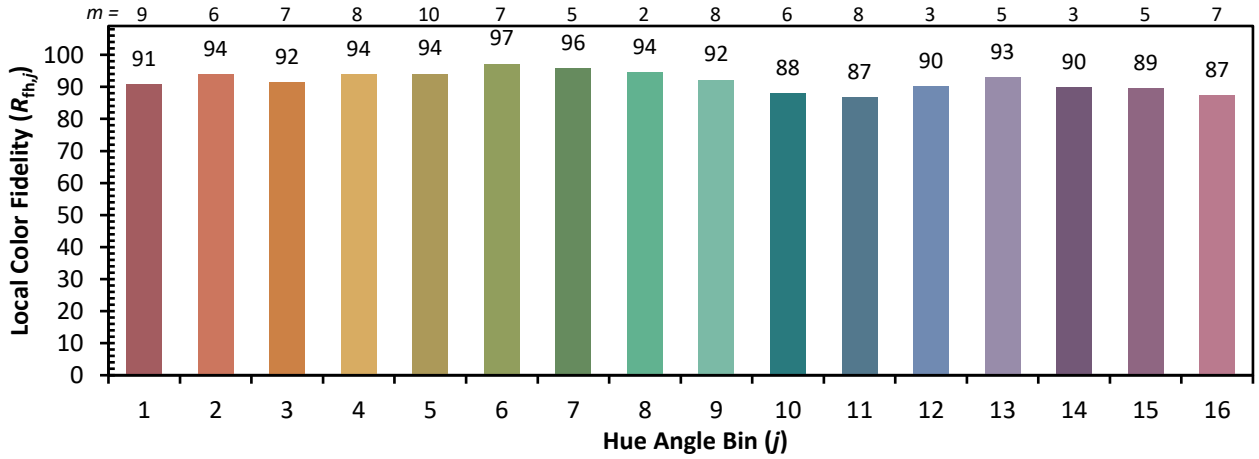
REPORT NUMBER: SP1-2407-184-16

TM-30-18

Color Rendition by Hue-Angle Bin



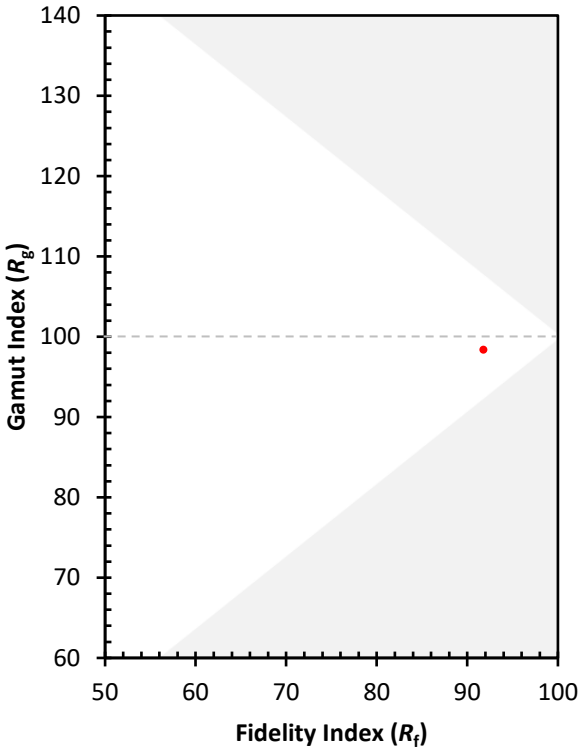


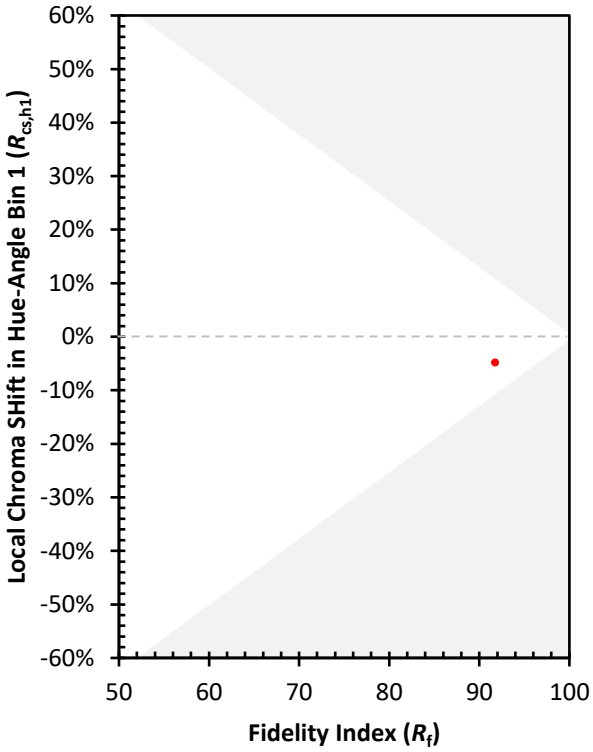


REPORT NUMBER: SP1-2407-184-16

TM-30-18

Measure Comparisons





(END OF REPORT)