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: P1047607

Luminaire Tested: **GALN-SA5C-950-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:	P1047607
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-950-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22951.8 lumens
Efficiency:	N/A
Efficacy:	97.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

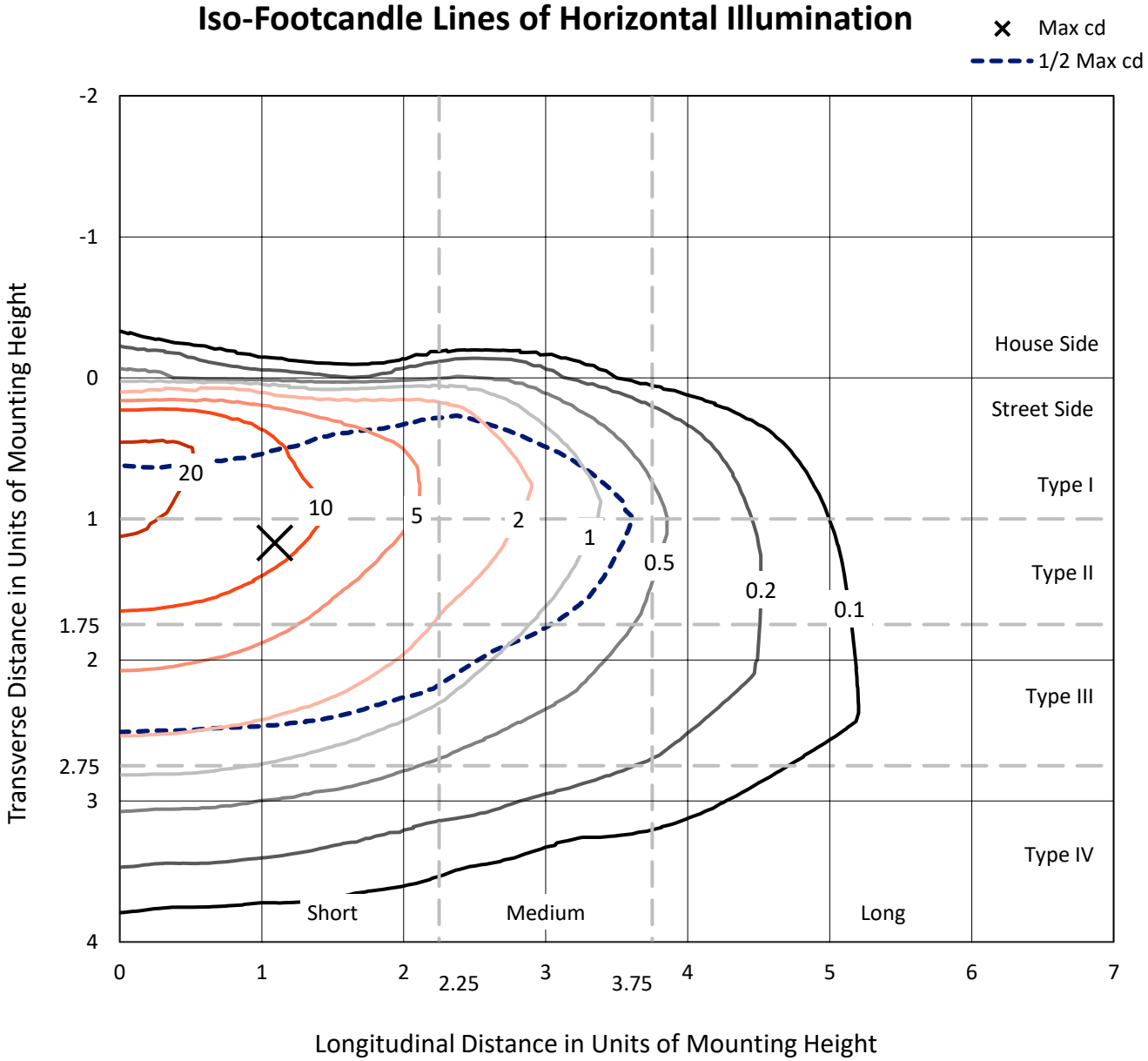
Input Watts (W):	236
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



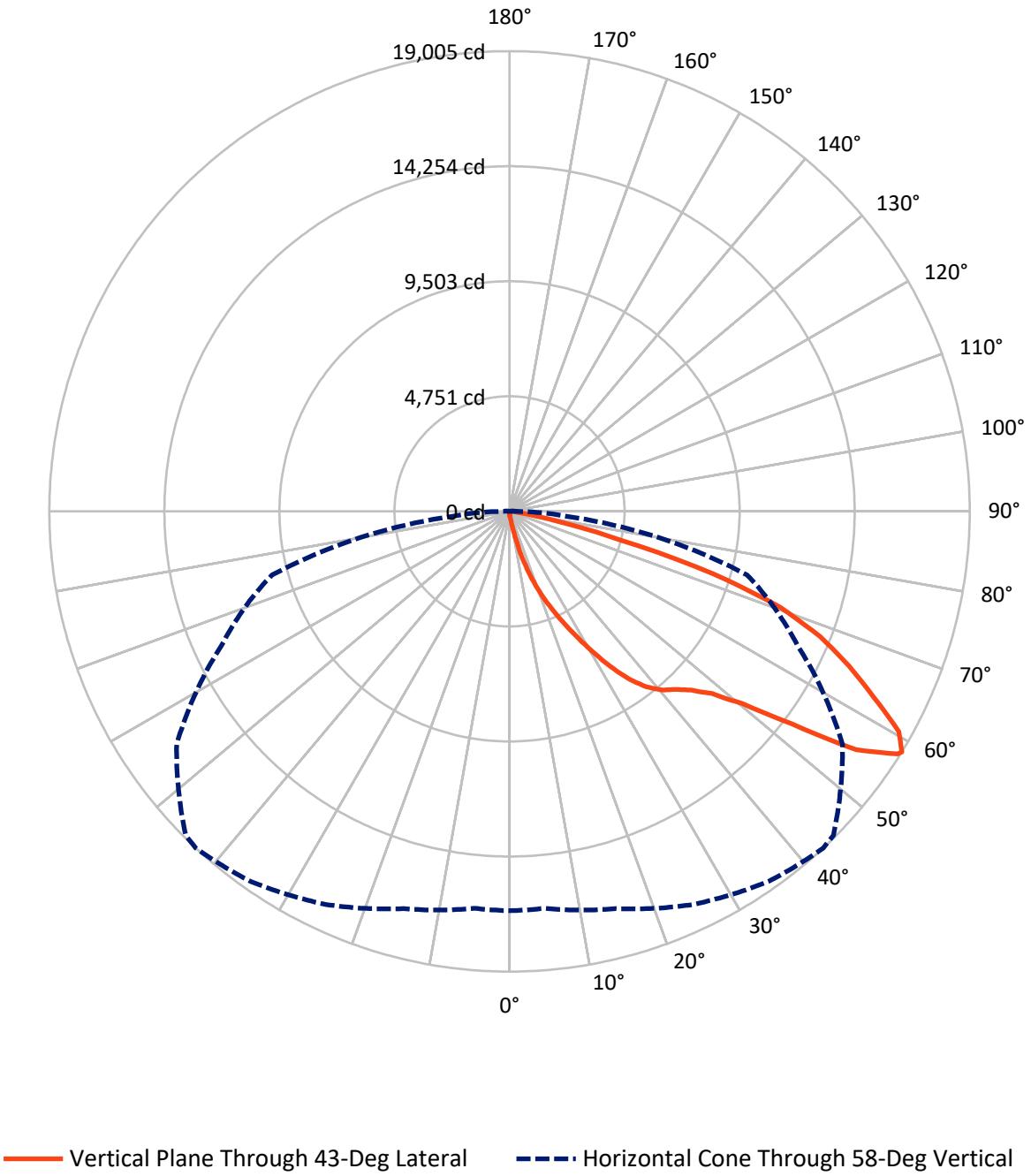
Based on 15 foot mounting height. Maximum calculated value = 25.8 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

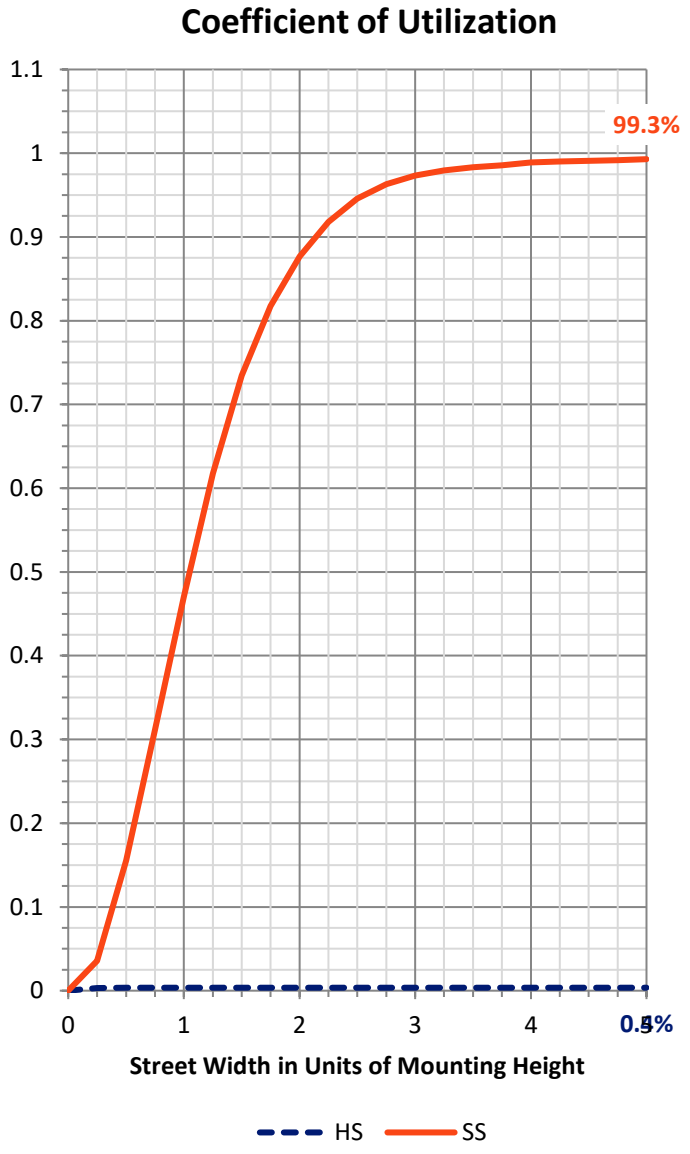
REPORT NUMBER: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	83.8	0.0	83.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22868.1	0.0	22868.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	22951.8	0.0	22951.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.1
10°-20°	263.8	1.1
20°-30°	950.9	4.1
30°-40°	2175.7	9.5
40°-50°	3669.5	16.0
50°-60°	6055.6	26.4
60°-70°	6768.0	29.5
70°-80°	2794.4	12.2
80°-90°	251.9	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°	22951.8	100.0
0°-180°	22951.8	100.0



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

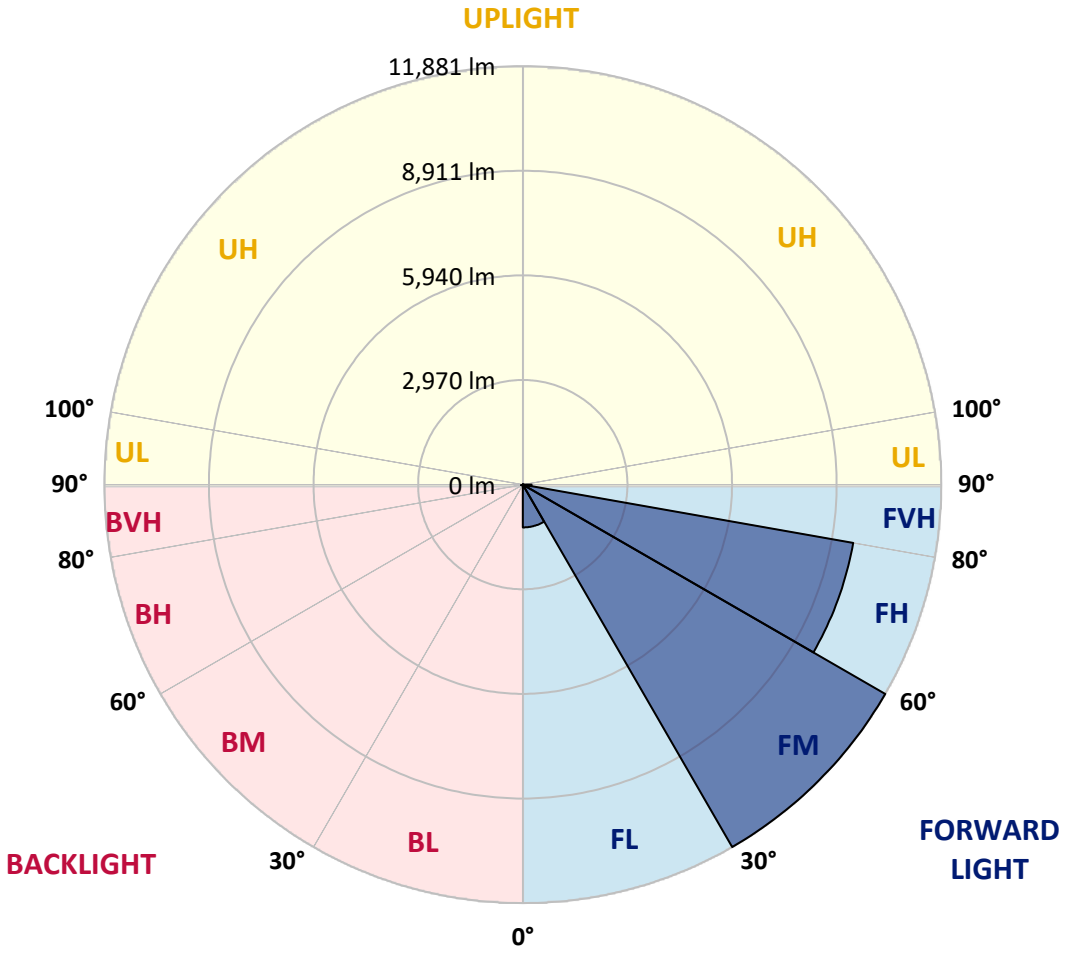
Scaled Data Report

REPORT NUMBER: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1214.9	5.3			
FM	(30°-60°)	11880.8	51.8			
FH	(60°-80°)	9523.9	41.5			G4/12000
FVH	(80°-90°)	248.5	1.1			G3/500
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	20.1	0.1	B0/220		
BH	(60°-80°)	38.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
2.5°	180.1	186.1	180.1	180.1	180.1	174.1	174.1	168.1	168.1	162.1	156.1
5°	264.1	264.1	246.1	234.1	222.1	216.1	210.1	198.1	186.1	174.1	162.1
7.5°	588.3	588.3	534.3	462.2	366.2	312.1	300.1	246.1	210.1	186.1	162.1
10°	1404.7	1404.7	1284.6	1086.5	840.4	624.3	558.3	354.2	252.1	198.1	168.1
12.5°	2335.1	2365.1	2215.1	1962.9	1596.8	1218.6	1086.5	648.3	336.2	216.1	168.1
15°	3169.5	3097.5	3055.5	2815.3	2467.2	2017.0	1848.9	1092.5	486.2	246.1	168.1
17.5°	3733.8	3733.8	3673.7	3511.7	3193.5	2797.3	2659.3	1764.8	786.4	282.1	174.1
20°	4394.1	4394.1	4286.0	4172.0	3889.9	3553.7	3421.6	2509.2	1218.6	360.2	174.1
22.5°	5192.5	5204.5	5084.4	4880.3	4610.2	4238.0	4124.0	3199.5	1764.8	480.2	180.1
25°	6164.9	6176.9	6002.9	5810.8	5396.6	4994.4	4820.3	3991.9	2431.2	672.3	180.1
27.5°	7239.4	7323.5	7065.4	6735.2	6297.0	5792.8	5660.7	4706.2	3091.5	948.5	192.1
30°	8578.1	8578.1	8235.9	7773.7	7299.5	6675.2	6507.1	5456.6	3793.8	1314.6	204.1
32.5°	9730.6	9640.6	9202.4	8716.1	8211.9	7629.6	7449.5	6243.0	4514.1	1770.8	228.1
35°	10613.0	10535.0	9994.8	9472.5	9034.3	8500.0	8283.9	7095.4	5276.5	2287.1	264.1
37.5°	11369.4	11339.4	10607.0	9952.7	9664.6	9196.4	9004.3	7899.8	6026.9	2845.4	306.1
40°	12197.8	12101.8	11321.4	10511.0	10078.8	9700.6	9526.5	8548.1	6747.2	3499.7	366.2
42.5°	12906.1	12792.1	12089.8	11297.4	10559.0	10048.8	9880.7	9094.3	7449.5	4154.0	444.2
45°	13692.5	13632.5	12924.1	12323.9	11339.4	10523.0	10300.9	9532.5	8091.8	4934.3	546.3
47.5°	14875.1	14767.0	14106.7	13614.5	12473.9	11243.3	10925.2	9982.7	8710.1	5702.7	702.3
50°	16249.7	16177.7	15787.5	15397.3	14262.8	12473.9	12095.8	10631.1	9400.5	6615.1	906.4
52.5°	17372.3	17360.3	17408.3	17414.3	16555.9	14544.9	13980.7	11675.6	10192.8	7515.6	1194.6
55°	17348.3	17402.3	17930.5	18536.8	18602.8	17372.3	16826.0	13434.4	11225.3	8626.1	1596.8
57.5°	16699.9	16657.9	17216.2	18128.6	18770.9	18903.0	18812.9	16165.7	12780.1	9964.7	2215.1
58°	16489.8	16453.8	16982.1	17912.5	18650.9	19005.0	18915.0	16784.0	13128.2	10156.8	2383.1
60°	15727.5	15733.5	16045.6	16892.0	17630.4	18470.8	18554.8	18548.8	14863.1	11441.4	3229.5
62.5°	14719.0	14671.0	14959.1	15649.4	16297.8	16862.0	17006.1	18668.9	17402.3	13074.2	4844.3
65°	13326.3	13254.3	13560.5	14340.8	15037.2	15403.3	15409.3	17060.1	18596.8	14827.1	7149.4
67.5°	10739.1	10679.1	11291.4	12293.8	13368.4	13848.6	14064.7	14803.0	17588.4	16015.6	8470.0
70°	6579.1	6705.2	7557.6	9130.3	10967.2	11849.6	12173.8	12401.9	14977.1	15835.5	7083.4
72.5°	3037.4	2887.4	3613.7	4712.2	6807.2	8770.2	9106.3	10000.8	11873.6	13746.5	5282.5
75°	1416.7	1362.6	1530.7	2059.0	3085.5	4736.3	5348.5	7983.8	9106.3	9562.5	3811.8
77.5°	726.3	732.3	870.4	936.4	1272.6	2191.0	2515.2	5252.5	6675.2	5336.5	2557.2
80°	318.2	330.2	336.2	366.2	516.2	846.4	954.5	2437.2	4562.2	2719.3	1398.7
82.5°	204.1	210.1	210.1	210.1	246.1	336.2	384.2	978.5	2275.1	1350.6	432.2
85°	108.1	108.1	120.1	150.1	174.1	204.1	216.1	312.1	750.4	402.2	102.0
87.5°	60.0	66.0	72.0	90.0	114.1	138.1	150.1	216.1	288.1	276.1	24.0
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: P1047607
CATALOG NUMBER: GALN-SA5C-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
2.5°	156.1	150.1	144.1	138.1	132.1	126.1	126.1	126.1	126.1	126.1	126.1
5°	150.1	144.1	138.1	126.1	114.1	108.1	102.0	96.0	96.0	96.0	96.0
7.5°	150.1	144.1	126.1	114.1	102.0	90.0	78.0	78.0	78.0	78.0	78.0
10°	150.1	138.1	120.1	102.0	84.0	72.0	66.0	60.0	60.0	60.0	60.0
12.5°	150.1	132.1	114.1	90.0	72.0	60.0	54.0	48.0	48.0	48.0	48.0
15°	150.1	132.1	108.1	84.0	66.0	48.0	42.0	36.0	36.0	36.0	36.0
17.5°	144.1	126.1	102.0	72.0	54.0	36.0	30.0	24.0	24.0	30.0	30.0
20°	138.1	120.1	90.0	60.0	42.0	30.0	18.0	18.0	18.0	18.0	18.0
22.5°	138.1	120.1	84.0	54.0	36.0	18.0	12.0	12.0	12.0	12.0	18.0
25°	138.1	114.1	72.0	42.0	24.0	12.0	6.0	6.0	6.0	6.0	6.0
27.5°	138.1	114.1	66.0	36.0	18.0	12.0	6.0	0.0	0.0	0.0	0.0
30°	132.1	108.1	60.0	30.0	12.0	6.0	0.0	0.0	0.0	0.0	0.0
32.5°	132.1	102.0	48.0	24.0	12.0	6.0	0.0	0.0	0.0	0.0	0.0
35°	138.1	96.0	42.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0
37.5°	144.1	90.0	36.0	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	150.1	84.0	36.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	162.1	84.0	30.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	174.1	84.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	198.1	90.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	216.1	96.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	240.1	90.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	270.1	90.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	294.1	84.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*306.1*	*78.0*	*12.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	366.2	72.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	570.3	60.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1158.6	54.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2161.0	48.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2419.2	54.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1524.7	42.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	804.4	42.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	402.2	42.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	186.1	30.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	78.0	18.0	12.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	36.0	18.0	12.0	12.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.0	18.0	18.0	12.0	12.0	6.0	6.0	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

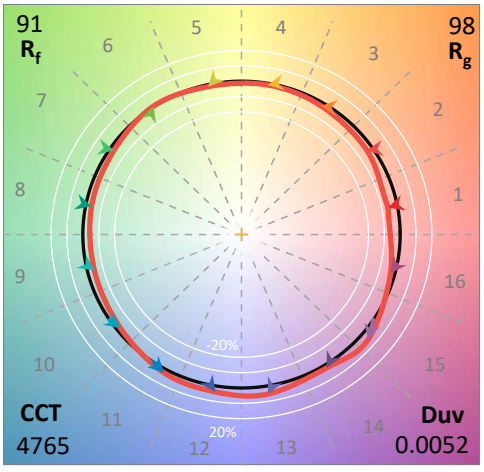
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-17
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-950-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4765
CIE u':	0.2105
CIE v':	0.4941
Duv:	0.0052
CIE x:	0.3536
CIE y:	0.3689
CIE z:	0.2775
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	571
Purity:	16.80041
Rf:	90.7
Rg:	98

CRI (Ra):	90.8				
R1:	89.8	R9:	54.9		
R2:	93.1	R10:	83.0		
R3:	95.3	R11:	89.6		
R4:	90.3	R12:	68.0		
R5:	89.0	R13:	90.6		
R6:	89.7	R14:	97.3		
R7:	94.9	R15:	86.2		
R8:	84.0				



Test Conditions

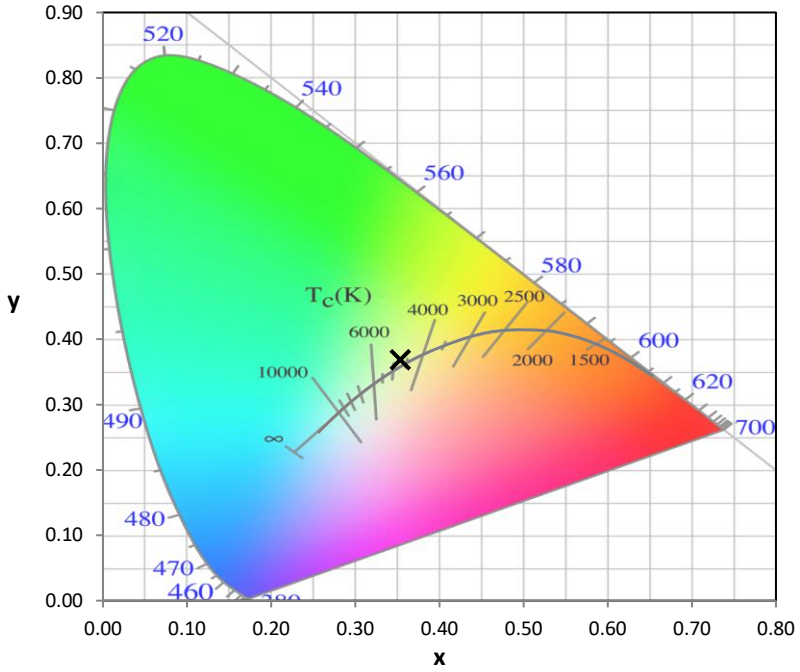
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

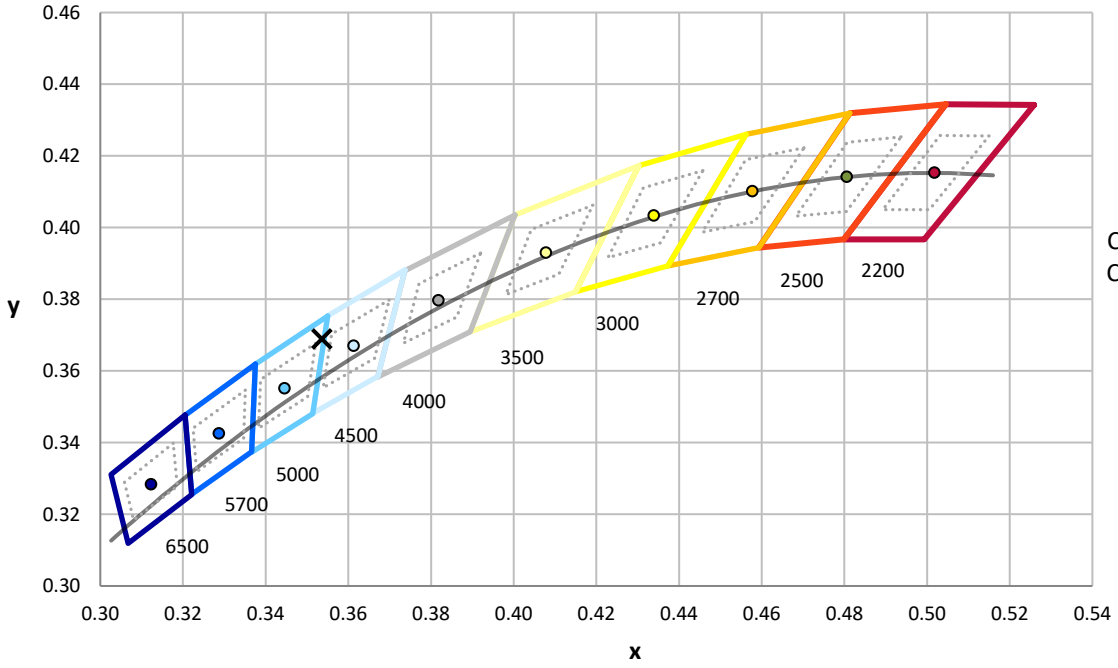
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



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

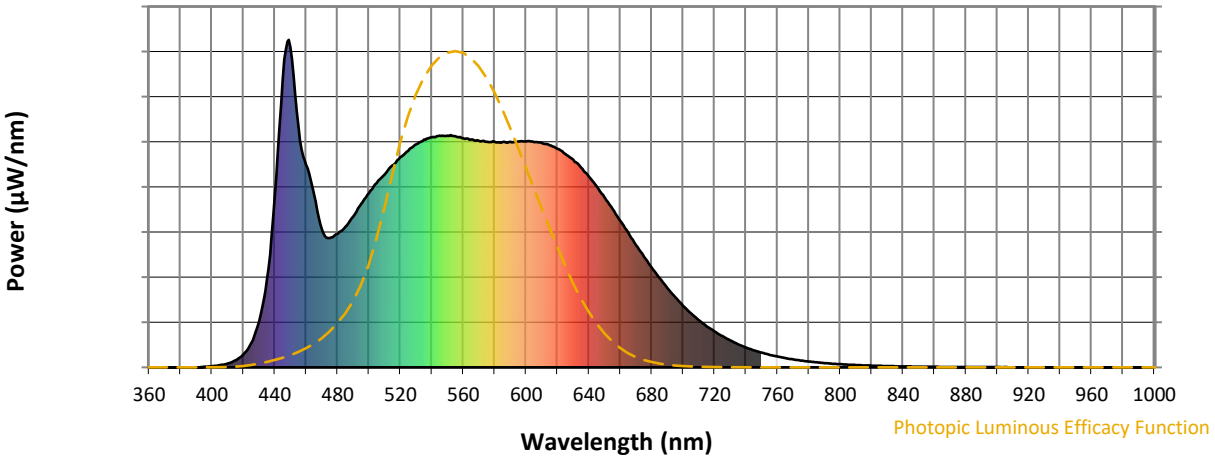


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

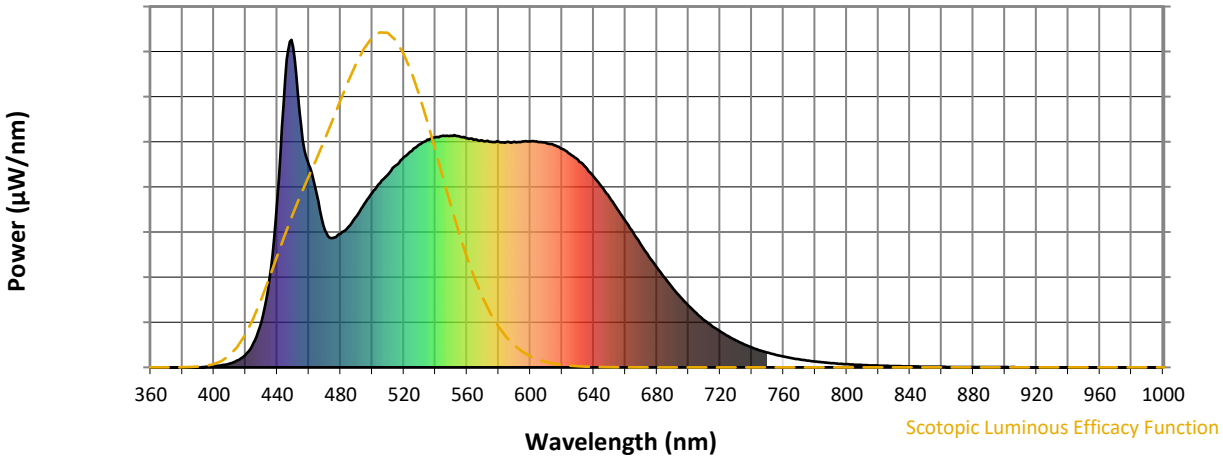


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength

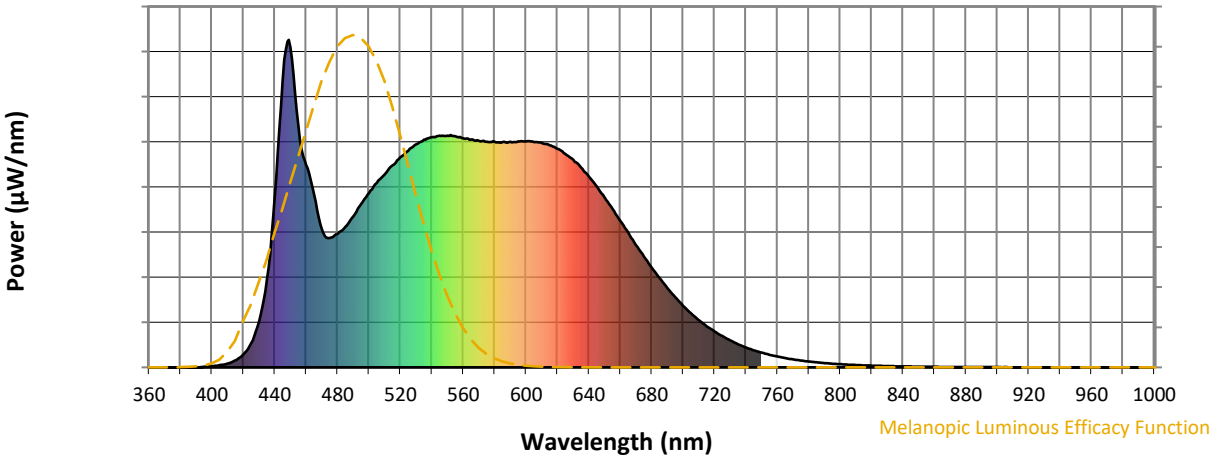


Scotopic Lumens: NR **S/P: 1.99**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.22**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

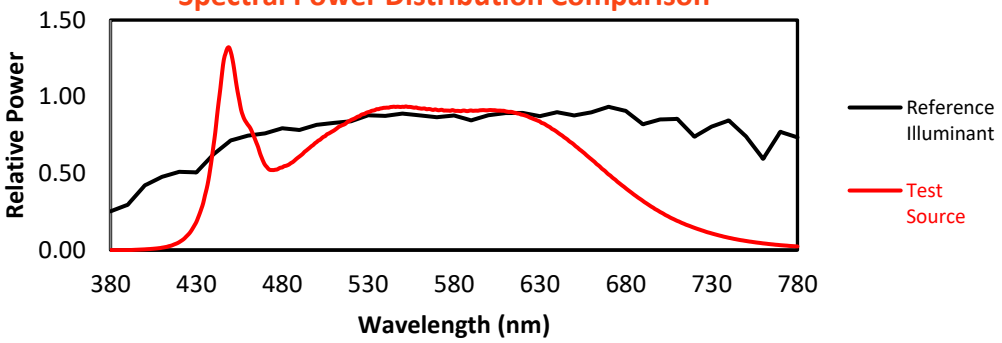
REPORT NUMBER: SP1-2407-184-17

TM-30-18

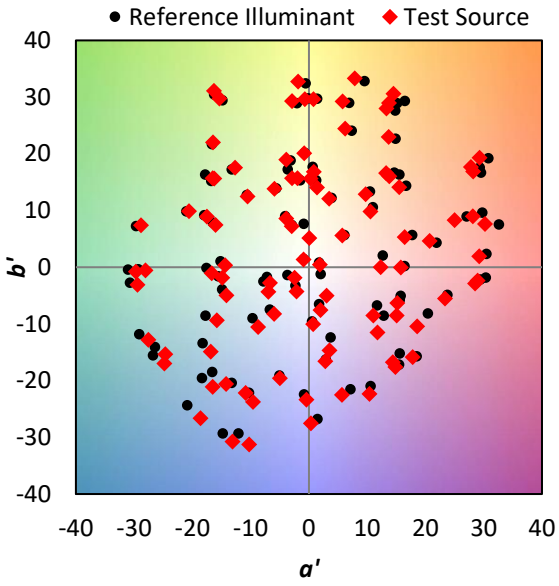
Summary

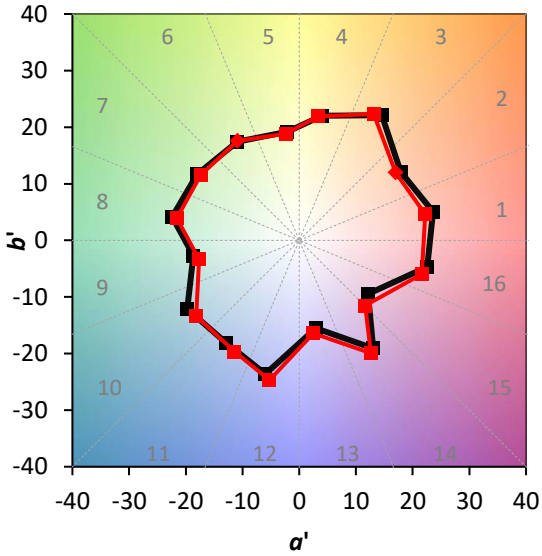
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

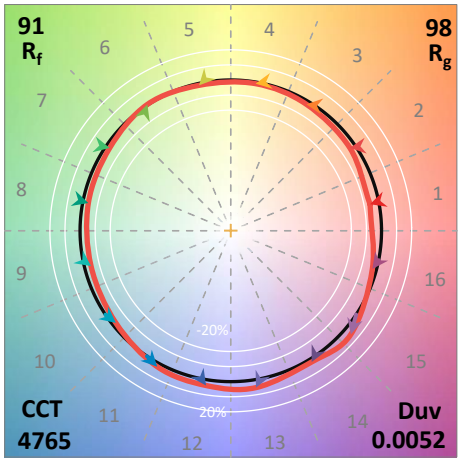
Spectral Power Distribution Comparison

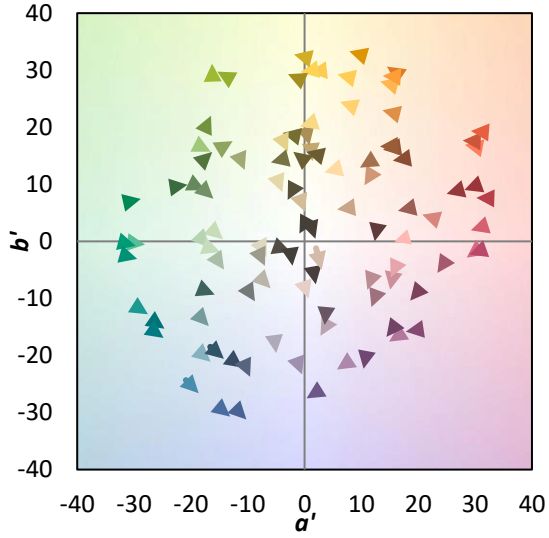


Color Vector Graphics







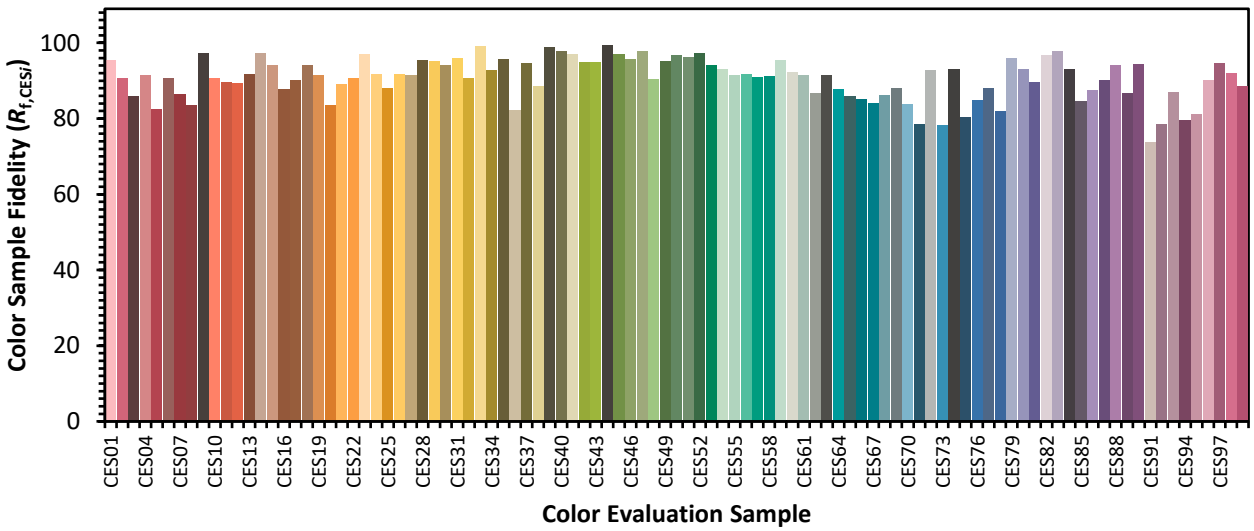


REPORT NUMBER: SP1-2407-184-17

TM-30-18

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

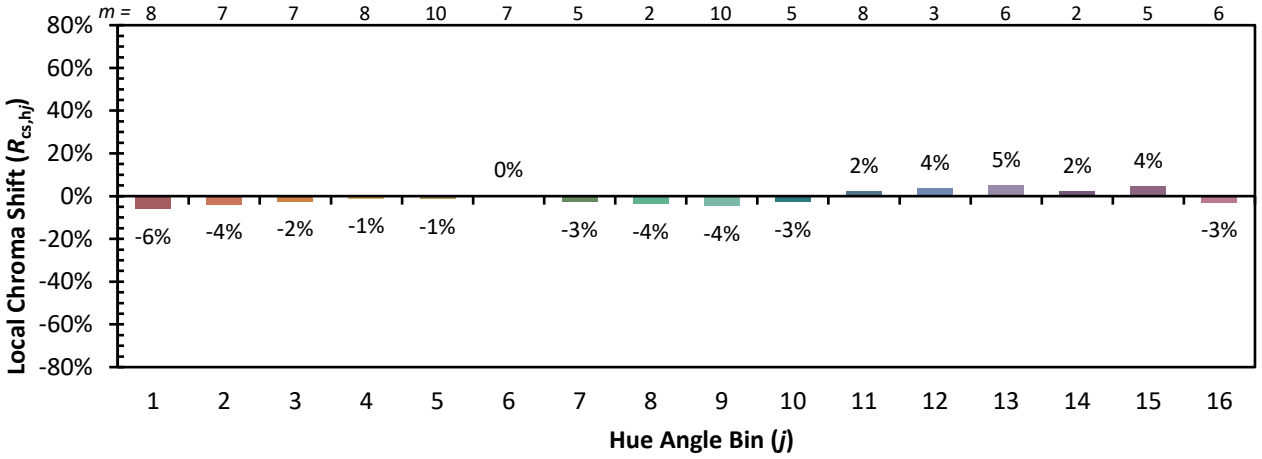
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	

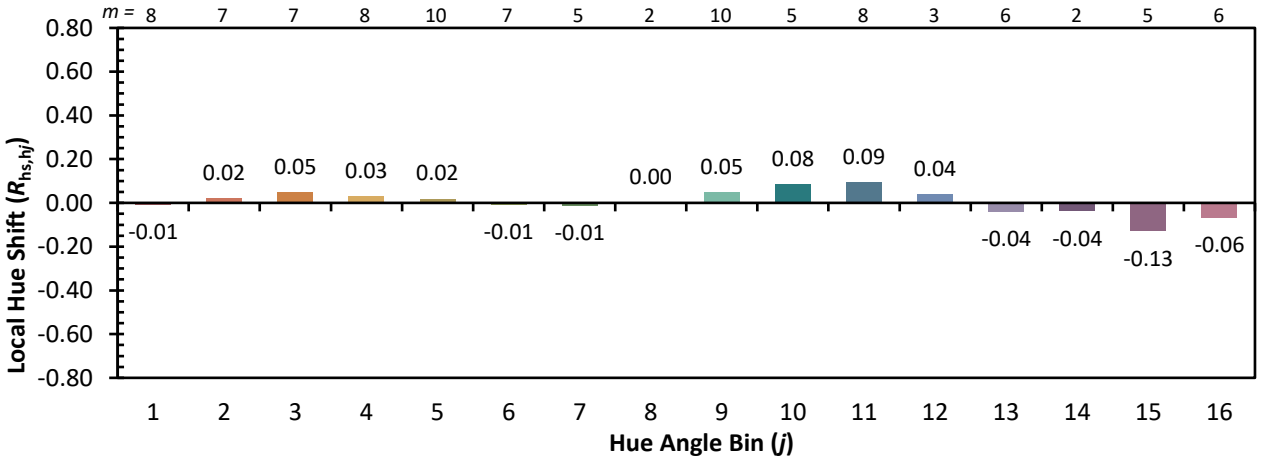


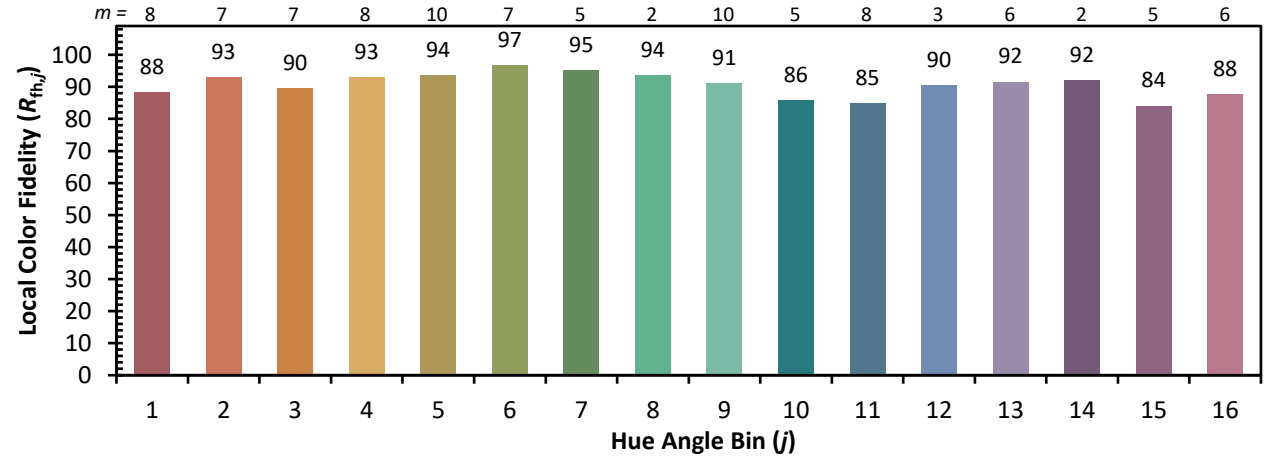
REPORT NUMBER: SP1-2407-184-17

TM-30-18

Color Rendition by Hue-Angle Bin



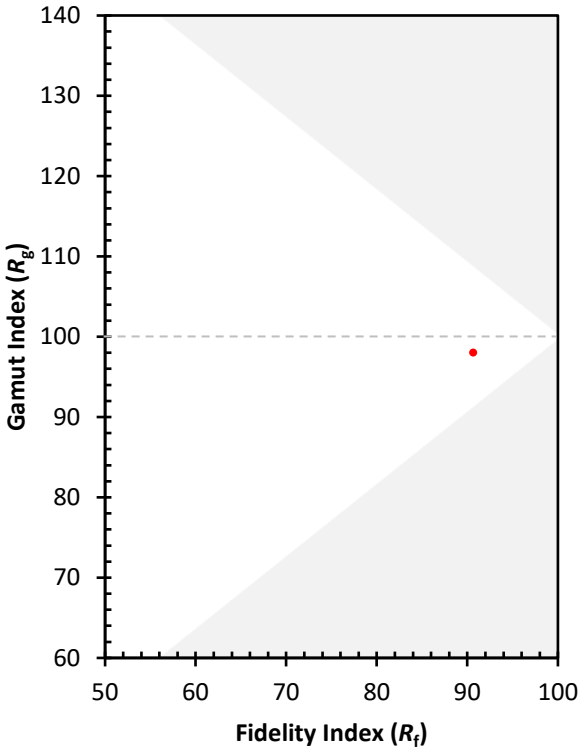


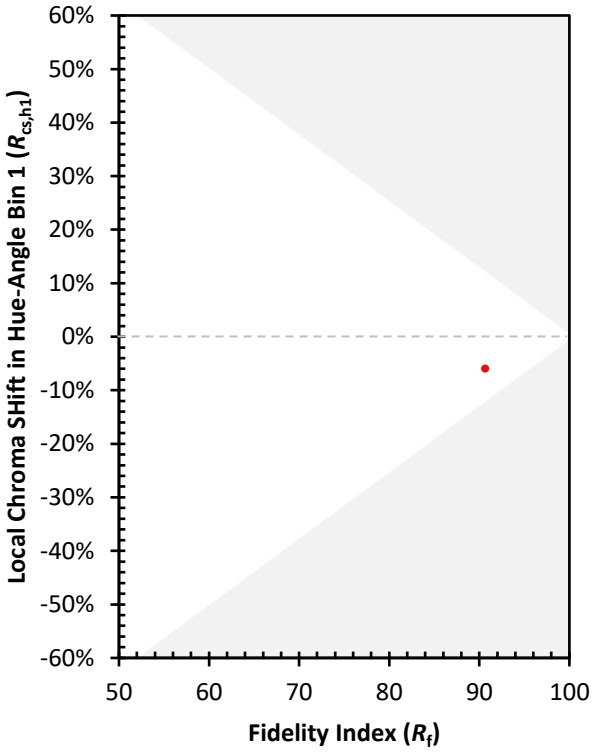


REPORT NUMBER: SP1-2407-184-17

TM-30-18

Measure Comparisons





(END OF REPORT)