

Signify Classified - Internal
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: P1047603

Luminaire Tested: **GALN-SA4C-950-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047603
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18639.9 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

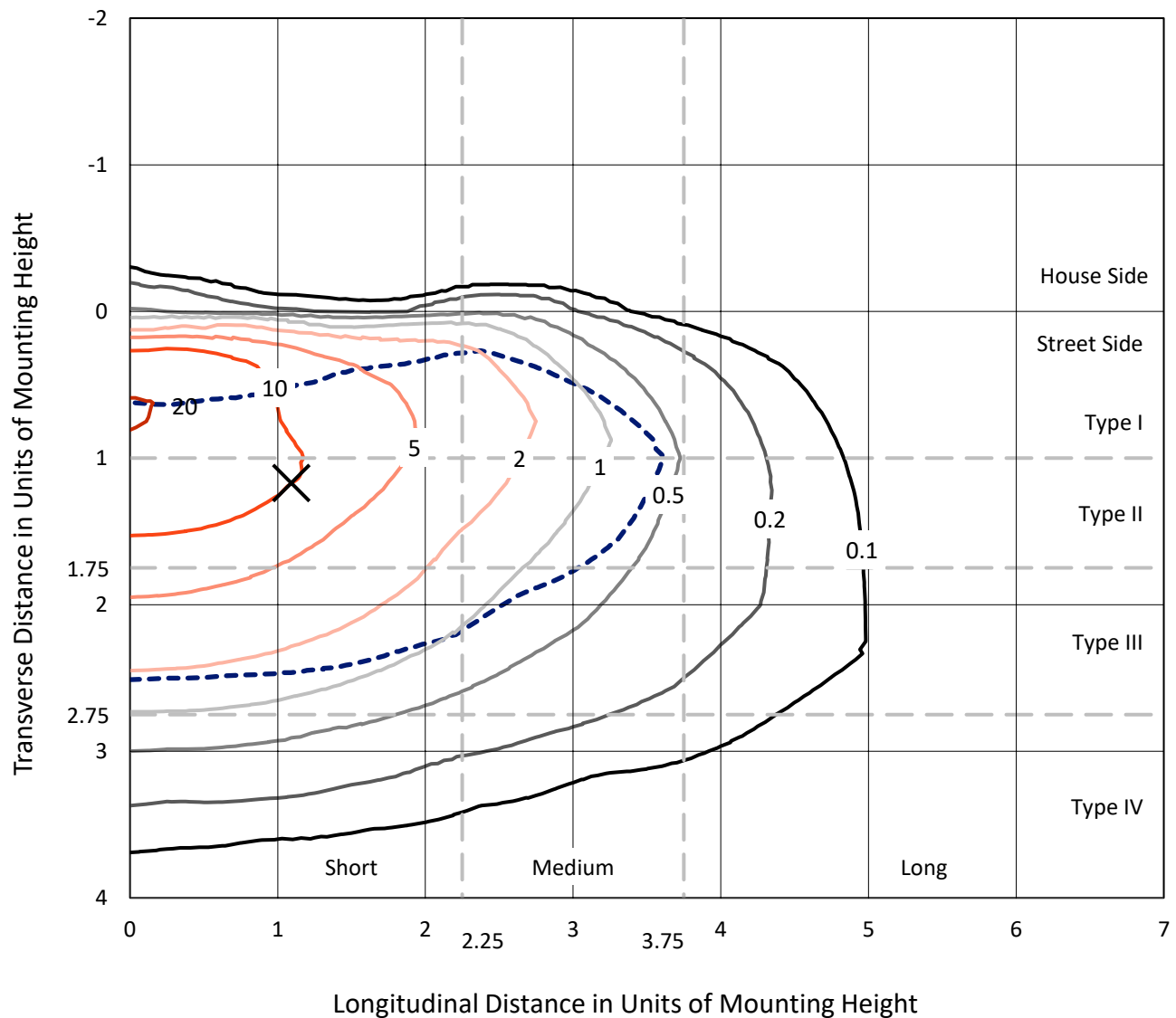


REPORT NUMBER: P1047603

CATALOG NUMBER: GALN-SA4C-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

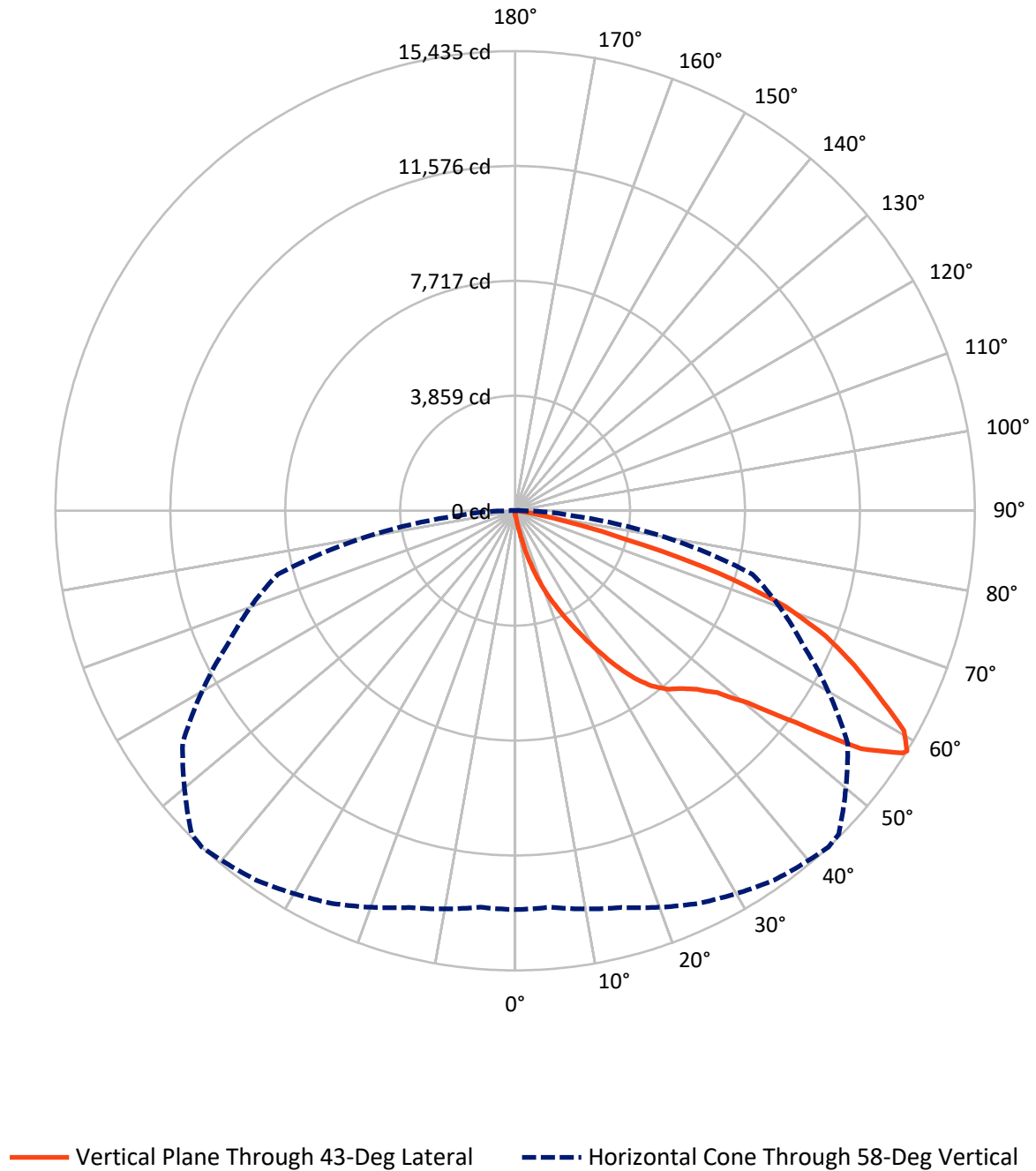


Based on 15 foot mounting height. Maximum calculated value = 20.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047603

CATALOG NUMBER: GALN-SA4C-950-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047603

CATALOG NUMBER: GALN-SA4C-950-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.1	0.0	68.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18571.8	0.0	18571.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	18639.9	0.0	18639.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	0.1
10°-20°	214.3	1.1
20°-30°	772.3	4.1
30°-40°	1766.9	9.5
40°-50°	2980.2	16.0
50°-60°	4917.9	26.4
60°-70°	5496.5	29.5
70°-80°	2269.4	12.2
80°-90°	204.6	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°	18639.9	100.0
0°-180°	18639.9	100.0



REPORT NUMBER: P1047603

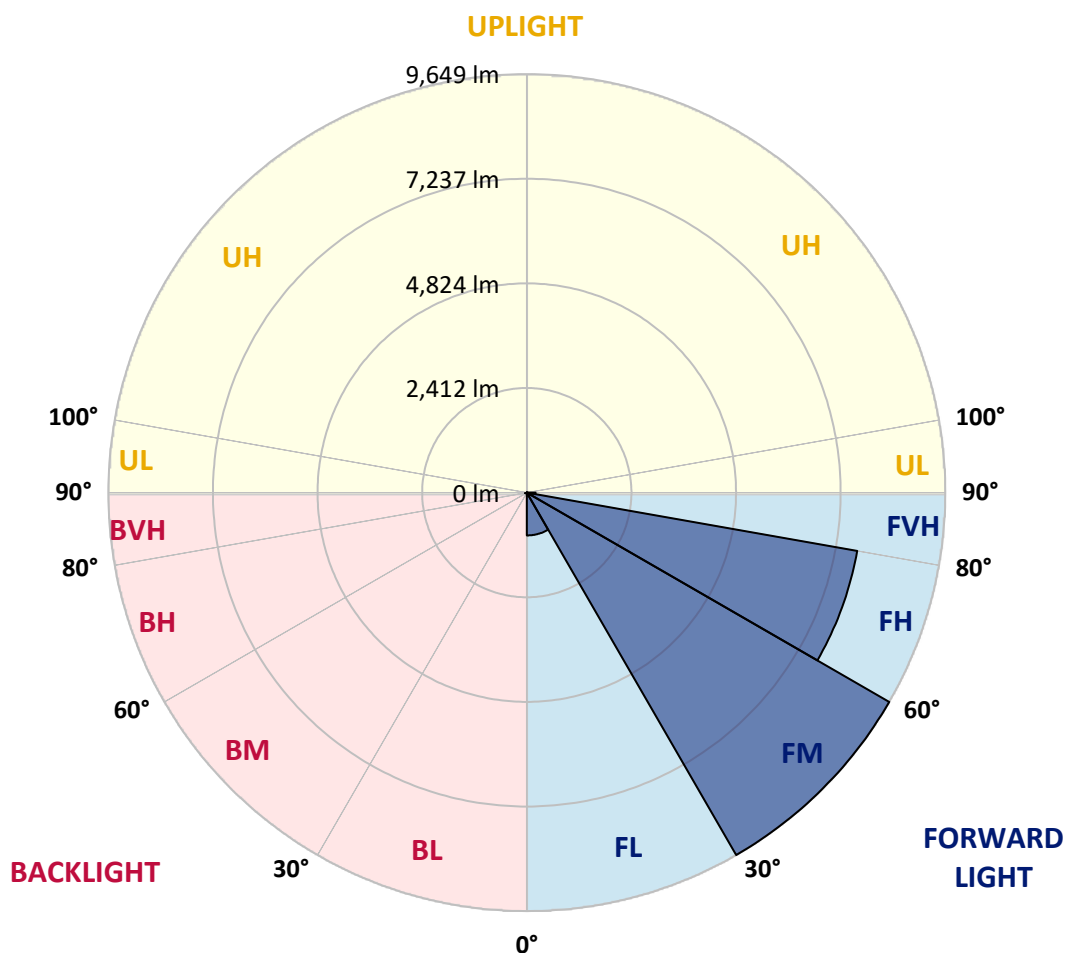
CATALOG NUMBER: GALN-SA4C-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	986.6	5.3			
FM	(30°-60°)	9648.7	51.8			
FH	(60°-80°)	7734.7	41.5			G4/12000
FVH	(80°-90°)	201.8	1.1			G2/225
BL	(0°-30°)	17.8	0.1	B0/110		
BM	(30°-60°)	16.3	0.1	B0/220		
BH	(60°-80°)	31.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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





REPORT NUMBER: P1047603

CATALOG NUMBER: GALN-SA4C-950-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9
2.5°	146.3	151.1	146.3	146.3	146.3	141.4	141.4	136.5	136.5	131.6	126.8
5°	214.5	214.5	199.9	190.1	180.4	175.5	170.6	160.9	151.1	141.4	131.6
7.5°	477.8	477.8	433.9	375.4	297.4	253.5	243.8	199.9	170.6	151.1	131.6
10°	1140.8	1140.8	1043.3	882.4	682.5	507.0	453.4	287.6	204.8	160.9	136.5
12.5°	1896.4	1920.8	1798.9	1594.2	1296.8	989.6	882.4	526.5	273.0	175.5	136.5
15°	2574.1	2515.5	2481.4	2286.4	2003.7	1638.0	1501.5	887.3	394.9	199.9	136.5
17.5°	3032.3	3032.3	2983.6	2851.9	2593.6	2271.8	2159.7	1433.3	638.6	229.1	141.4
20°	3568.6	3568.6	3480.8	3388.2	3159.1	2886.1	2778.8	2037.8	989.6	292.5	141.4
22.5°	4217.0	4226.7	4129.2	3963.5	3744.1	3441.8	3349.2	2598.4	1433.3	390.0	146.3
25°	5006.7	5016.5	4875.1	4719.1	4382.7	4056.1	3914.7	3241.9	1974.4	546.0	146.3
27.5°	5879.4	5947.6	5738.0	5469.9	5114.0	4704.5	4597.2	3822.1	2510.7	770.3	156.0
30°	6966.5	6966.5	6688.6	6313.2	5928.1	5421.1	5284.6	4431.5	3081.1	1067.6	165.8
32.5°	7902.5	7829.4	7473.5	7078.6	6669.1	6196.2	6050.0	5070.1	3666.1	1438.2	185.3
35°	8619.2	8555.8	8117.0	7692.9	7337.0	6903.1	6727.6	5762.4	4285.2	1857.4	214.5
37.5°	9233.4	9209.1	8614.3	8082.9	7848.9	7468.6	7312.6	6415.6	4894.6	2310.8	248.6
40°	9906.2	9828.2	9194.4	8536.3	8185.3	7878.2	7736.8	6942.1	5479.6	2842.2	297.4
42.5°	10481.5	10388.8	9818.4	9174.9	8575.3	8160.9	8024.4	7385.8	6050.0	3373.6	360.8
45°	11120.1	11071.3	10496.1	10008.6	9209.1	8546.0	8365.7	7741.7	6571.6	4007.3	443.6
47.5°	12080.5	11992.7	11456.5	11056.7	10130.5	9131.1	8872.7	8107.3	7073.8	4631.3	570.4
50°	13196.9	13138.4	12821.5	12504.6	11583.2	10130.5	9823.3	8633.8	7634.4	5372.4	736.1
52.5°	14108.5	14098.8	14137.8	14142.7	13445.5	11812.4	11354.1	9482.1	8277.9	6103.6	970.1
55°	14089.0	14132.9	14561.9	15054.3	15107.9	14108.5	13664.9	10910.5	9116.4	7005.5	1296.8
57.5°	13562.5	13528.4	13981.8	14722.8	15244.4	15351.7	15278.6	13128.6	10379.1	8092.7	1798.9
58°	13391.9	13362.6	13791.6	14547.3	15146.9	15434.6	15361.4	13630.8	10661.8	8248.7	1935.4
60°	12772.8	12777.6	13031.1	13718.5	14318.2	15000.7	15068.9	15064.0	12070.7	9291.9	2622.8
62.5°	11953.7	11914.7	12148.7	12709.4	13235.9	13694.1	13811.1	15161.5	14132.9	10618.0	3934.2
65°	10822.7	10764.2	11012.8	11646.6	12212.1	12509.5	12514.4	13855.0	15103.0	12041.5	5806.2
67.5°	8721.5	8672.8	9170.1	9984.2	10856.8	11246.8	11422.4	12022.0	14284.0	13006.8	6878.8
70°	5343.1	5445.5	6137.7	7415.0	8906.8	9623.4	9886.7	10071.9	12163.4	12860.5	5752.6
72.5°	2466.8	2344.9	2934.8	3827.0	5528.4	7122.5	7395.5	8121.9	9642.9	11164.0	4290.1
75°	1150.5	1106.6	1243.1	1672.2	2505.8	3846.5	4343.7	6483.9	7395.5	7766.0	3095.7
77.5°	589.9	594.8	706.9	760.5	1033.5	1779.4	2042.7	4265.7	5421.1	4334.0	2076.8
80°	258.4	268.1	273.0	297.4	419.3	687.4	775.1	1979.3	3705.1	2208.4	1135.9
82.5°	165.8	170.6	170.6	170.6	199.9	273.0	312.0	794.6	1847.7	1096.9	351.0
85°	87.8	87.8	97.5	121.9	141.4	165.8	175.5	253.5	609.4	326.6	82.9
87.5°	48.8	53.6	58.5	73.1	92.6	112.1	121.9	175.5	234.0	224.3	19.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1047603

CATALOG NUMBER: GALN-SA4C-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9
2.5°	126.8	121.9	117.0	112.1	107.3	102.4	102.4	102.4	102.4	102.4	102.4
5°	121.9	117.0	112.1	102.4	92.6	87.8	82.9	78.0	78.0	78.0	78.0
7.5°	121.9	117.0	102.4	92.6	82.9	73.1	63.4	63.4	63.4	63.4	63.4
10°	121.9	112.1	97.5	82.9	68.3	58.5	53.6	48.8	48.8	48.8	48.8
12.5°	121.9	107.3	92.6	73.1	58.5	48.8	43.9	39.0	39.0	39.0	39.0
15°	121.9	107.3	87.8	68.3	53.6	39.0	34.1	29.3	29.3	29.3	29.3
17.5°	117.0	102.4	82.9	58.5	43.9	29.3	24.4	19.5	19.5	24.4	24.4
20°	112.1	97.5	73.1	48.8	34.1	24.4	14.6	14.6	14.6	14.6	14.6
22.5°	112.1	97.5	68.3	43.9	29.3	14.6	9.8	9.8	9.8	9.8	14.6
25°	112.1	92.6	58.5	34.1	19.5	9.8	4.9	4.9	4.9	4.9	4.9
27.5°	112.1	92.6	53.6	29.3	14.6	9.8	4.9	0.0	0.0	0.0	0.0
30°	107.3	87.8	48.8	24.4	9.8	4.9	0.0	0.0	0.0	0.0	0.0
32.5°	107.3	82.9	39.0	19.5	9.8	4.9	0.0	0.0	0.0	0.0	0.0
35°	112.1	78.0	34.1	14.6	4.9	0.0	0.0	0.0	0.0	0.0	4.9
37.5°	117.0	73.1	29.3	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	121.9	68.3	29.3	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	131.6	68.3	24.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	141.4	68.3	19.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	160.9	73.1	19.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	175.5	78.0	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	195.0	73.1	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	219.4	73.1	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	238.9	68.3	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	248.6	63.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	297.4	58.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	463.1	48.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	940.9	43.9	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1755.0	39.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1964.7	43.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1238.3	34.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	653.3	34.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	326.6	34.1	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	151.1	24.4	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	63.4	14.6	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.3	14.6	9.8	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.6	14.6	14.6	9.8	9.8	4.9	4.9	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

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

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
 R_f: 90.7
 R_g: 98

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



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



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



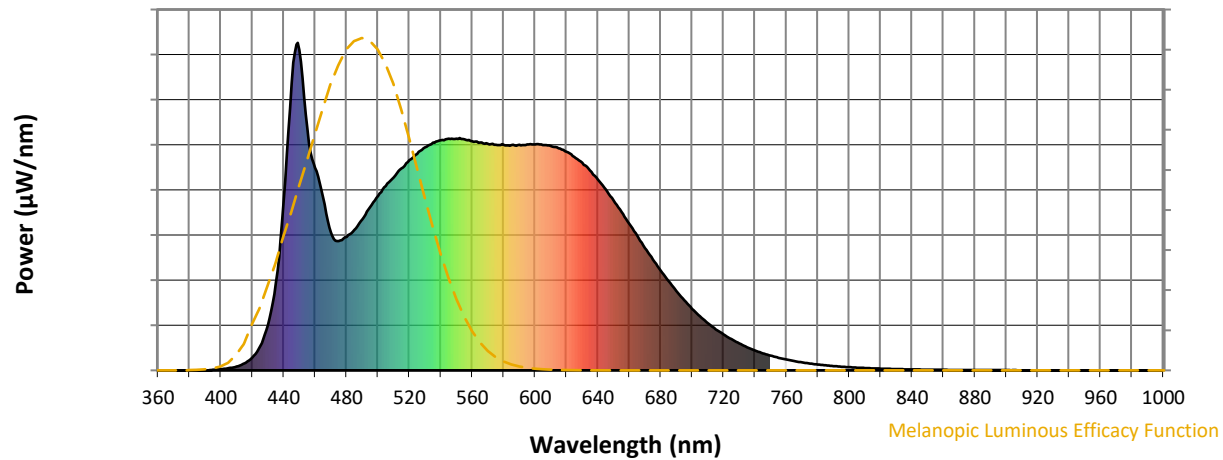
Scotopic Lumens: NR

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 $R_a = 90.8$
 $R_9 = 54.9$

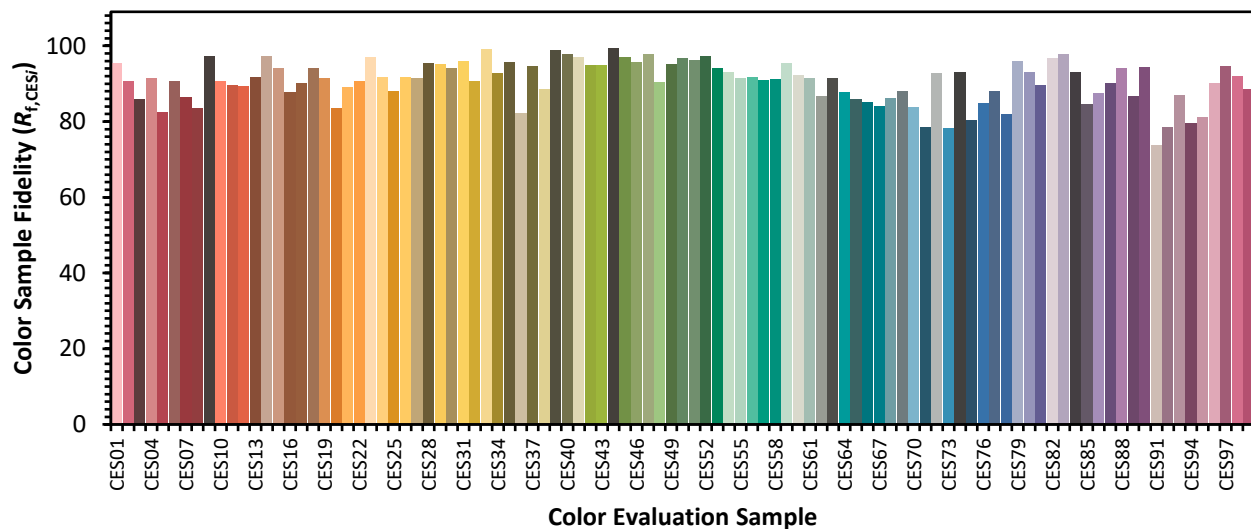


Color Vector Graphics

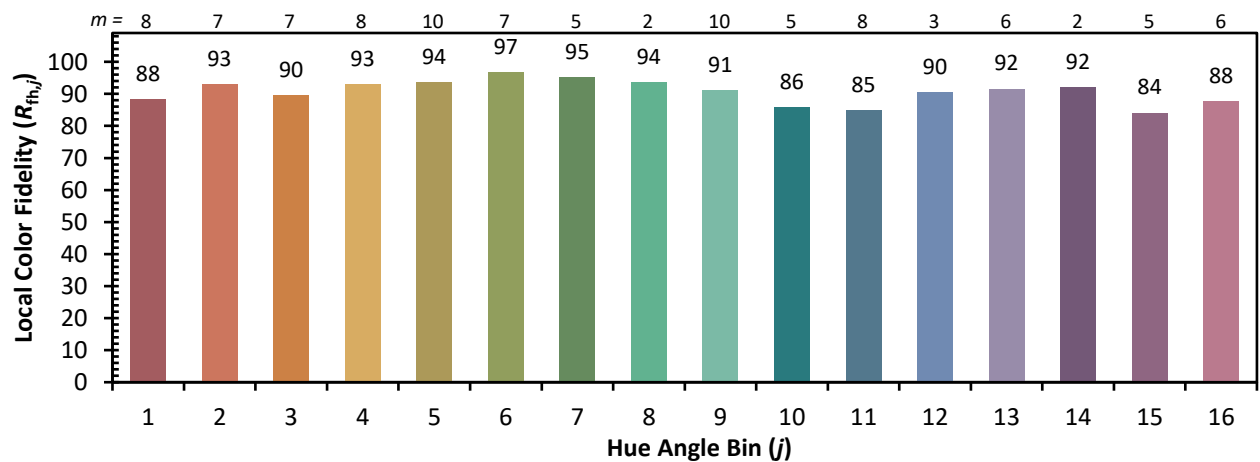
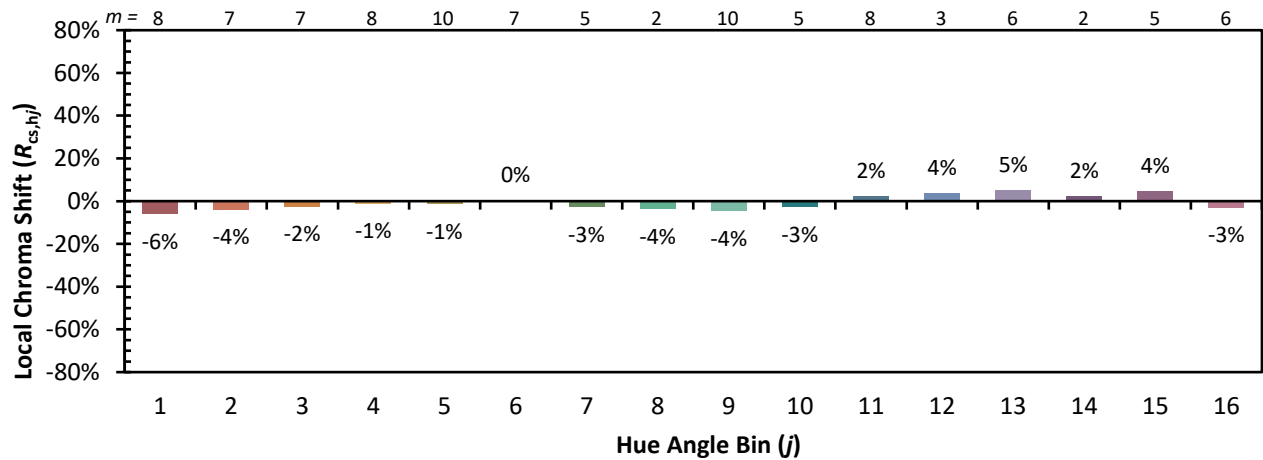


Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)