

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: P1048218

Luminaire Tested: **GALN-SA5B-950-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048218
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17569.4 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - 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



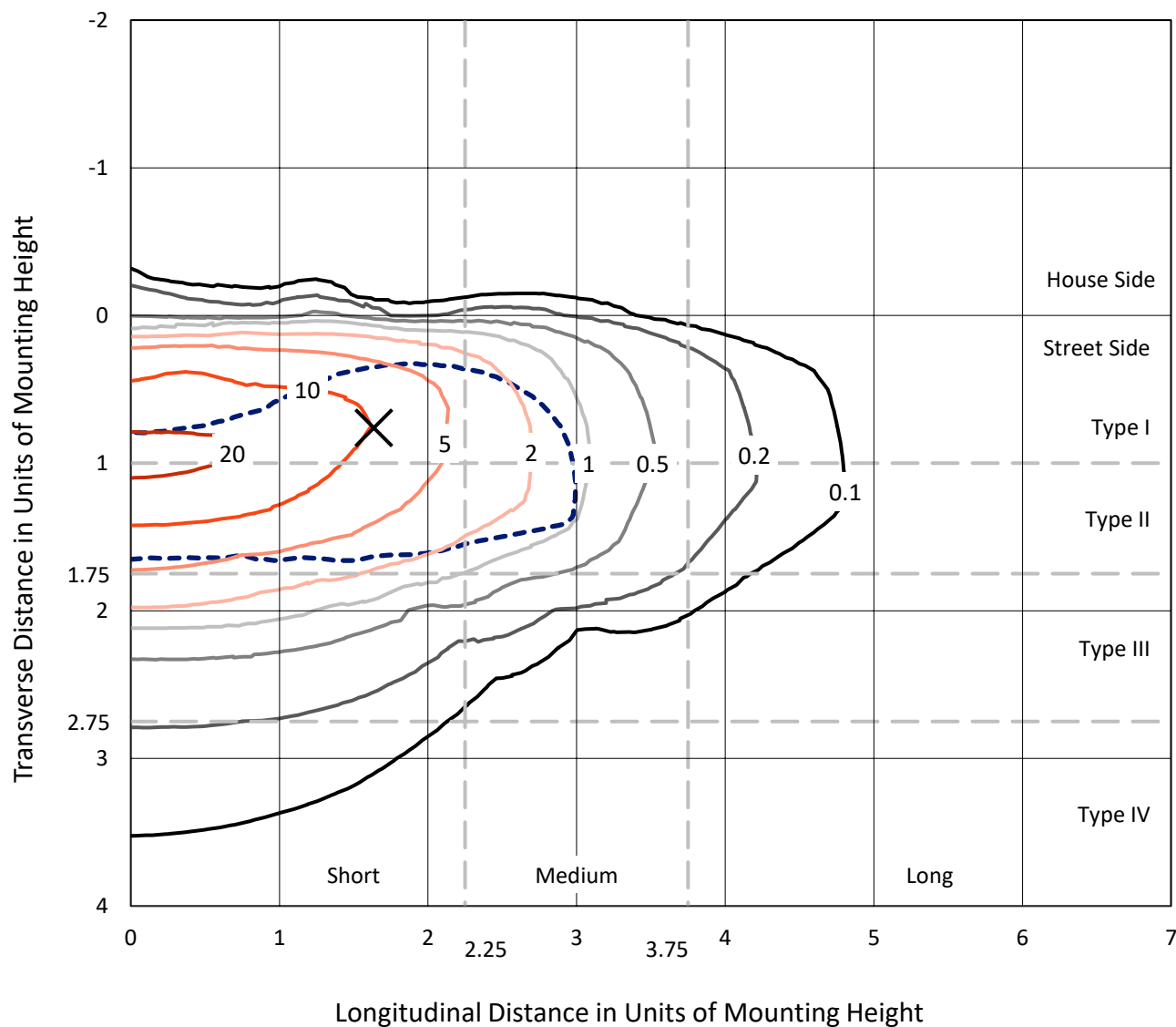
REPORT NUMBER: P1048218

CATALOG NUMBER: GALN-SA5B-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

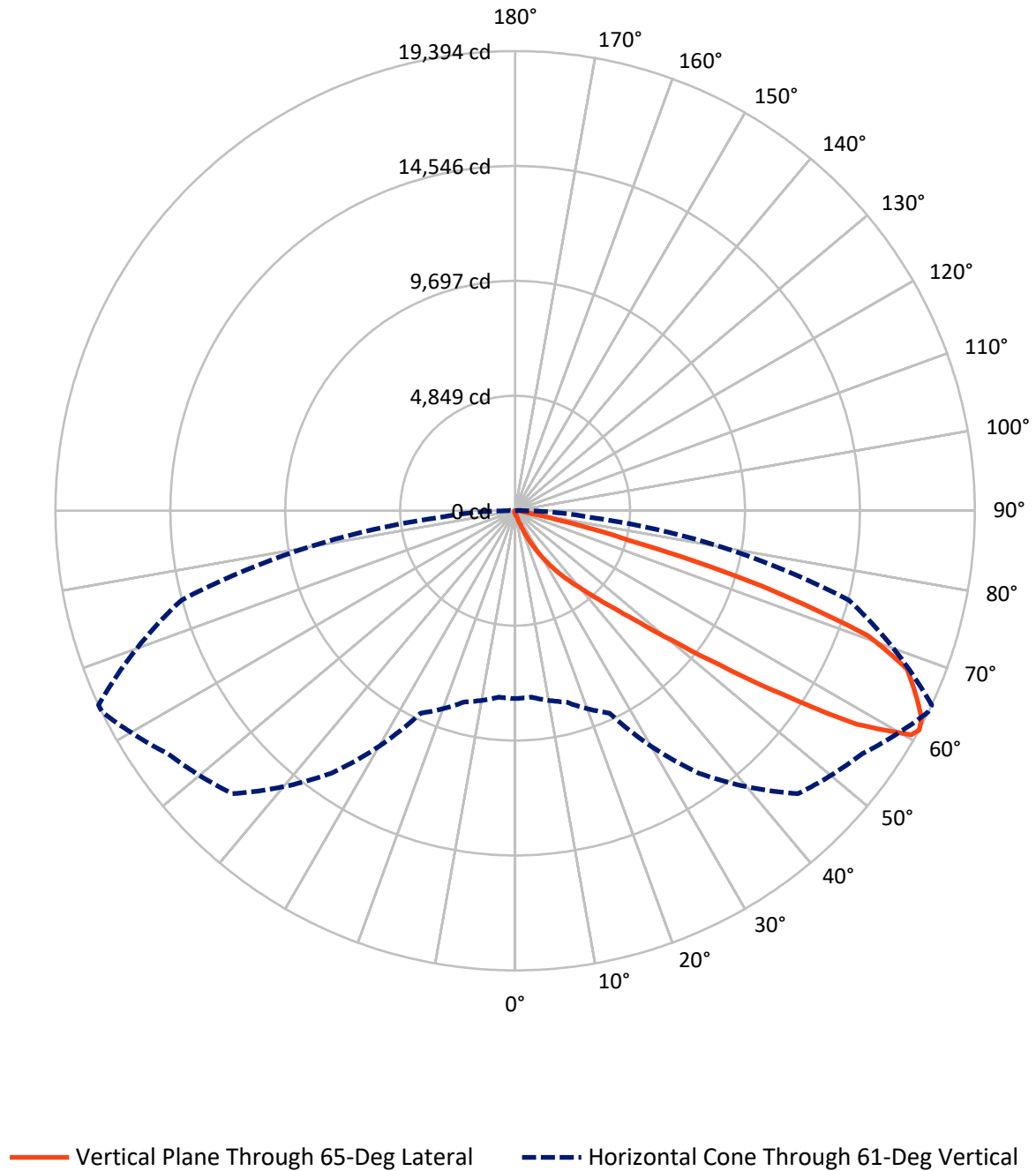


Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1048218

CATALOG NUMBER: GALN-SA5B-950-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048218

CATALOG NUMBER: GALN-SA5B-950-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.0	0.0	75.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17494.4	0.0	17494.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	17569.4	0.0	17569.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	0.1
10°-20°	144.5	0.8
20°-30°	518.5	3.0
30°-40°	1380.4	7.9
40°-50°	3626.4	20.6
50°-60°	5618.0	32.0
60°-70°	4710.6	26.8
70°-80°	1386.2	7.9
80°-90°	171.0	1.0
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°	17569.4	100.0
0°-180°	17569.4	100.0



REPORT NUMBER: P1048218

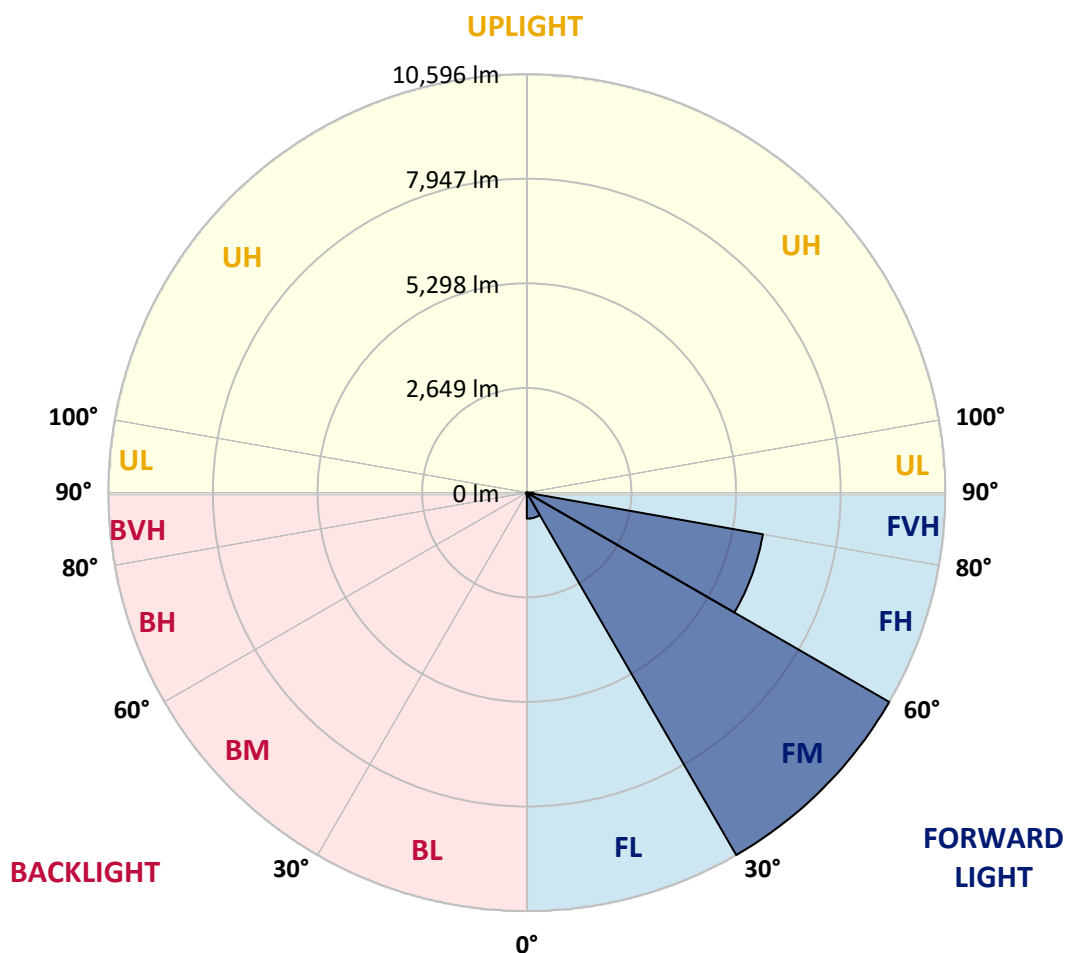
CATALOG NUMBER: GALN-SA5B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	659.8	3.8			
FM	(30°-60°)	10596.3	60.3			
FH	(60°-80°)	6070.4	34.6			G3/7500
FVH	(80°-90°)	167.8	1.0			G2/225
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	28.5	0.2	B0/220		
BH	(60°-80°)	26.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 II Short



REPORT NUMBER: P1048218

CATALOG NUMBER: GALN-SA5B-950-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6
2.5°	130.5	131.7	129.3	124.5	120.9	120.9	119.6	116.0	116.0	112.4	110.0
5°	182.5	180.1	175.2	165.6	157.1	148.7	140.2	131.7	130.5	119.6	112.4
7.5°	298.5	300.9	285.2	255.0	229.6	197.0	166.8	148.7	146.2	128.1	113.6
10°	655.1	636.9	600.7	483.4	397.6	299.7	222.4	172.8	170.4	137.8	116.0
12.5°	1194.1	1179.6	1113.1	992.2	771.1	536.6	325.1	213.9	206.7	146.2	117.2
15°	1721.0	1698.1	1661.8	1539.7	1281.1	962.0	531.8	292.5	273.1	158.3	116.0
17.5°	2057.0	2060.6	2028.0	1976.0	1809.2	1423.7	918.5	436.3	398.8	180.1	113.6
20°	2350.7	2342.2	2360.4	2332.6	2215.3	1934.9	1336.7	691.3	627.3	215.1	114.8
22.5°	2689.1	2709.6	2722.9	2716.9	2587.6	2348.3	1811.7	1034.5	953.6	279.2	118.4
25°	3142.3	3139.9	3141.1	3125.4	2999.7	2733.8	2287.8	1461.2	1379.0	383.1	126.9
27.5°	3617.3	3631.8	3637.8	3581.0	3416.7	3155.6	2729.0	1927.7	1831.0	549.9	137.8
30°	4266.3	4254.2	4226.4	4110.4	3911.0	3587.1	3164.1	2417.2	2315.6	783.2	154.7
32.5°	5141.3	5128.0	4987.8	4731.6	4433.1	4036.7	3601.6	2907.9	2784.6	1074.4	177.7
35°	6583.2	6603.7	6259.3	5595.7	5060.3	4576.9	4086.2	3396.1	3287.3	1433.4	209.1
37.5°	8791.2	8678.8	8211.1	7038.8	5885.8	5251.3	4549.1	3889.2	3795.0	1875.7	250.2
40°	10936.5	10825.3	10689.9	9579.2	7320.4	5994.6	5196.9	4468.1	4346.1	2374.9	310.6
42.5°	13191.7	13130.0	13124.0	12286.5	9938.2	7163.3	5976.4	5146.1	5042.2	2922.4	409.7
45°	14789.4	14727.8	14857.1	15003.3	13503.5	9667.5	7333.7	6027.2	5876.1	3587.1	568.0
47.5°	15004.6	15007.0	15352.6	15810.7	16152.7	13541.0	9141.7	7194.7	7011.0	4538.2	833.9
50°	14289.1	14316.9	14866.8	15686.2	16607.1	16790.8	12330.0	8889.1	8617.2	5665.8	1211.0
52.5°	12927.0	12958.4	13724.7	15072.2	16189.0	17571.6	16083.8	11105.7	10792.6	7072.6	1742.8
55°	11700.3	11719.6	12598.3	14301.2	15685.0	17147.4	18312.5	14065.5	13654.6	8803.3	2267.3
57.5°	10485.7	10440.9	11012.6	12962.1	15599.2	16626.5	18641.2	17438.6	16985.4	10694.8	2675.8
60°	8861.3	8786.4	9245.7	10485.7	14470.4	16968.5	18026.0	19304.7	19202.0	13328.3	2991.2
61°	7927.1	7895.7	8357.4	9420.9	13520.4	16881.5	17878.6	19383.3	19394.1	14574.3	3132.6
62.5°	5661.0	5750.4	6456.3	7838.9	11324.4	16317.1	17897.9	19140.3	19247.9	16230.1	3498.8
65°	2516.3	2660.1	3208.8	4334.0	6585.6	13573.6	17726.3	18607.3	18554.2	16684.5	4760.6
67.5°	1492.6	1514.4	1787.5	2455.8	3488.0	7301.1	15642.7	17902.7	17831.4	14524.8	5923.3
70°	1176.0	1186.8	1273.8	1540.9	2024.4	2796.7	8927.8	15489.2	15799.8	11777.6	5798.8
72.5°	1115.5	1113.1	1125.2	1172.3	1275.1	1387.5	3456.5	10295.9	10928.0	8481.8	4862.1
75°	1101.0	1096.2	1084.1	1066.0	923.4	817.0	1070.8	4553.9	4920.1	5795.2	3660.8
77.5°	1068.4	1069.6	1072.0	1022.5	791.6	577.7	518.5	1461.2	1797.2	3677.7	2602.1
80°	722.7	733.6	751.7	732.4	711.9	418.2	366.2	519.7	526.9	2064.3	1718.6
82.5°	366.2	366.2	357.7	319.1	275.6	271.9	291.3	377.1	381.9	1044.2	808.5
85°	221.2	233.3	238.1	216.3	198.2	182.5	222.4	299.7	310.6	404.9	188.5
87.5°	49.6	50.8	55.6	73.7	107.6	146.2	206.7	274.3	279.2	259.8	23.0
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: P1048218

CATALOG NUMBER: GALN-SA5B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6	107.6
2.5°	108.8	106.4	105.1	101.5	97.9	94.3	91.9	90.6	91.9	93.1	93.1
5°	107.6	103.9	97.9	91.9	87.0	82.2	77.3	76.1	76.1	77.3	77.3
7.5°	107.6	101.5	93.1	85.8	78.6	71.3	67.7	65.3	66.5	66.5	66.5
10°	107.6	100.3	89.4	78.6	70.1	61.6	55.6	53.2	53.2	53.2	53.2
12.5°	106.4	99.1	85.8	72.5	60.4	50.8	43.5	39.9	41.1	41.1	41.1
15°	103.9	95.5	81.0	61.6	48.3	38.7	31.4	27.8	29.0	31.4	32.6
17.5°	100.3	91.9	72.5	52.0	38.7	29.0	21.8	19.3	20.5	24.2	24.2
20°	99.1	88.2	64.1	42.3	29.0	20.5	14.5	12.1	13.3	18.1	19.3
22.5°	99.1	85.8	58.0	35.0	21.8	13.3	8.5	4.8	4.8	8.5	8.5
25°	100.3	84.6	53.2	29.0	15.7	9.7	4.8	2.4	4.8	13.3	15.7
27.5°	102.7	83.4	50.8	24.2	12.1	8.5	3.6	8.5	14.5	14.5	14.5
30°	105.1	81.0	47.1	20.5	10.9	6.0	6.0	12.1	12.1	14.5	15.7
32.5°	108.8	79.8	44.7	18.1	8.5	4.8	8.5	7.3	7.3	8.5	9.7
35°	116.0	81.0	42.3	18.1	8.5	6.0	7.3	3.6	2.4	2.4	2.4
37.5°	125.7	82.2	38.7	15.7	7.3	7.3	3.6	0.0	0.0	0.0	0.0
40°	141.4	85.8	36.3	14.5	6.0	6.0	1.2	0.0	0.0	0.0	0.0
42.5°	168.0	93.1	35.0	13.3	6.0	4.8	0.0	0.0	0.0	0.0	0.0
45°	221.2	110.0	32.6	12.1	6.0	2.4	0.0	0.0	0.0	0.0	0.0
47.5°	317.9	149.9	31.4	9.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	464.1	203.0	30.2	8.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	592.2	213.9	20.5	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	606.7	147.4	15.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	483.4	95.5	13.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	366.2	72.5	12.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	351.7	65.3	12.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	388.0	56.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	630.9	47.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1096.2	41.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1385.0	38.7	7.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1207.4	35.0	7.3	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	726.4	30.2	7.3	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	380.7	23.0	7.3	6.0	3.6	1.2	0.0	0.0	0.0	0.0	0.0
80°	184.9	20.5	8.5	6.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	72.5	16.9	9.7	8.5	6.0	3.6	1.2	0.0	0.0	0.0	0.0
85°	32.6	14.5	10.9	9.7	8.5	4.8	1.2	0.0	0.0	0.0	0.0
87.5°	16.9	13.3	12.1	10.9	8.5	6.0	2.4	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



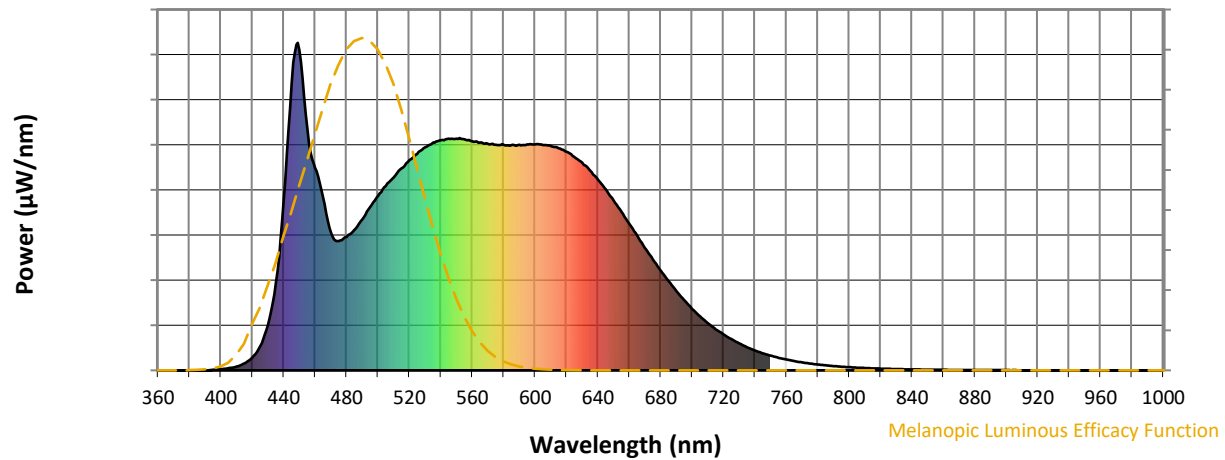
Scotopic Lumens: NR

S/P: 1.99

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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 $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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 $R_a = 90.8$
 $R_9 = 54.9$

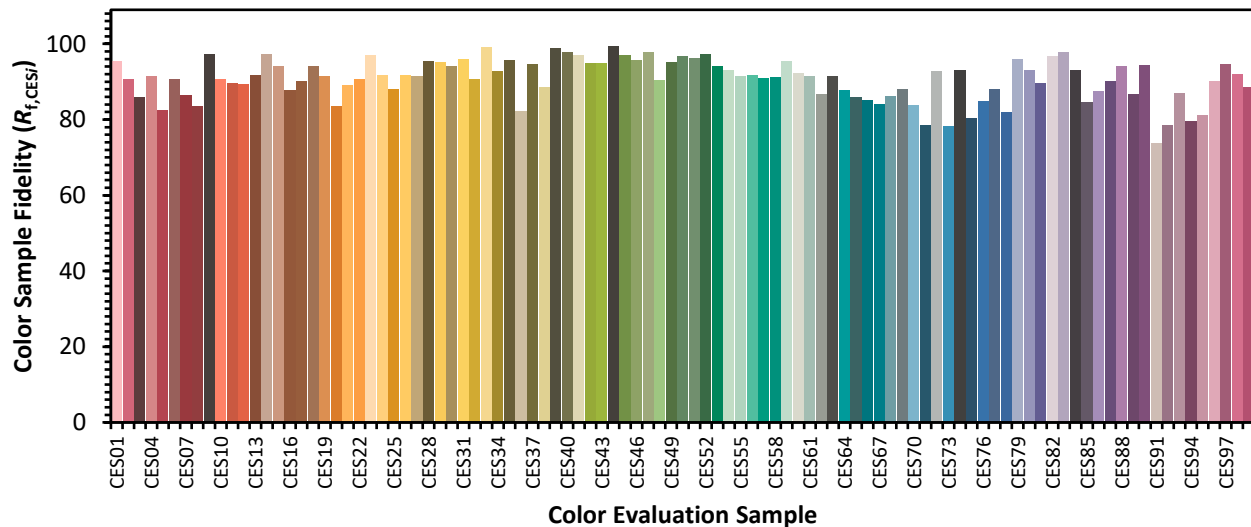


Color Vector Graphics

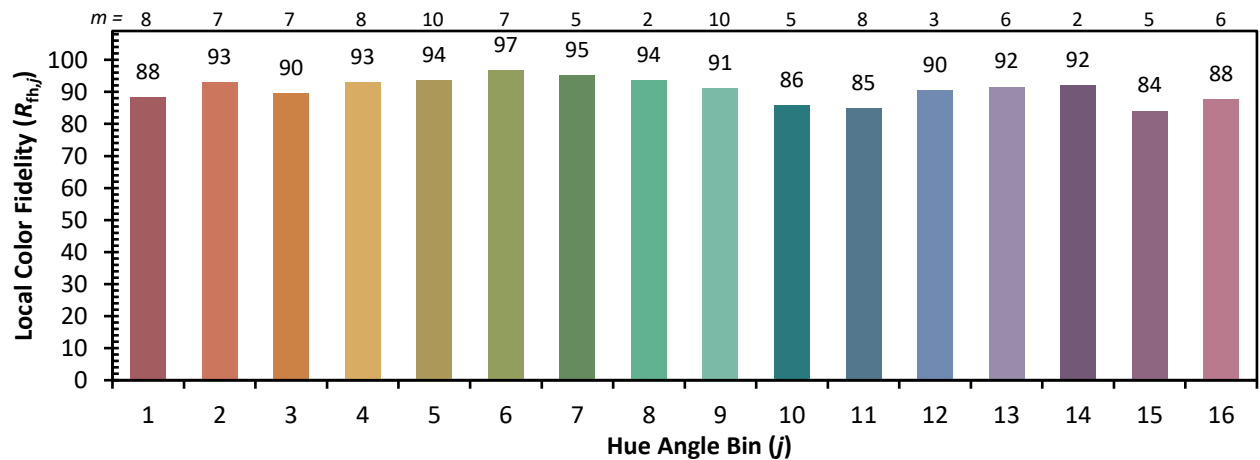
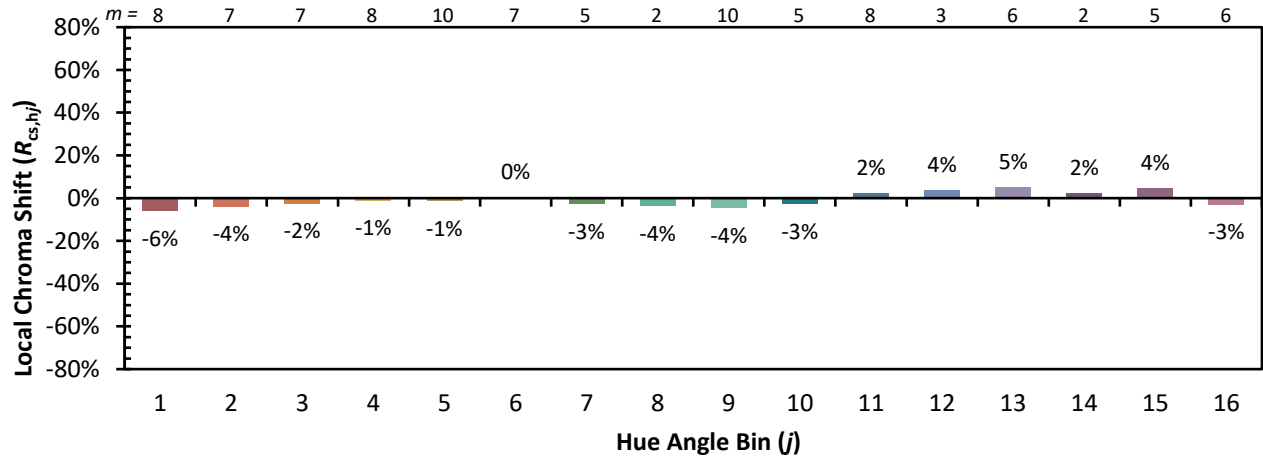


Individual Sample Fidelity Index ($R_{f,i}$)

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)