

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: P1048774

Luminaire Tested: **GALN-SA9B-935-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048774
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-935-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29385.6 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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



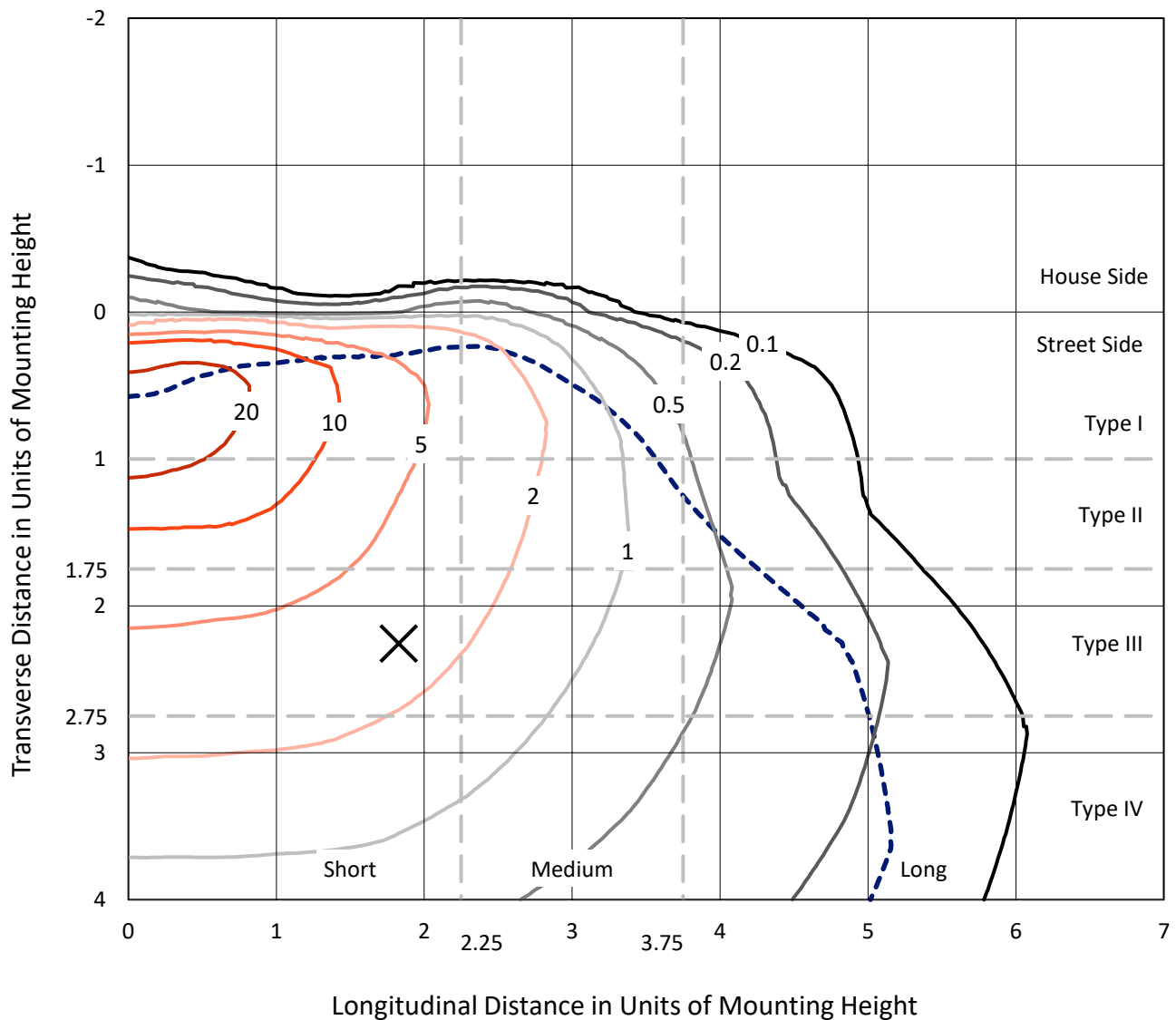
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CATALOG NUMBER: GALN-SA9B-935-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

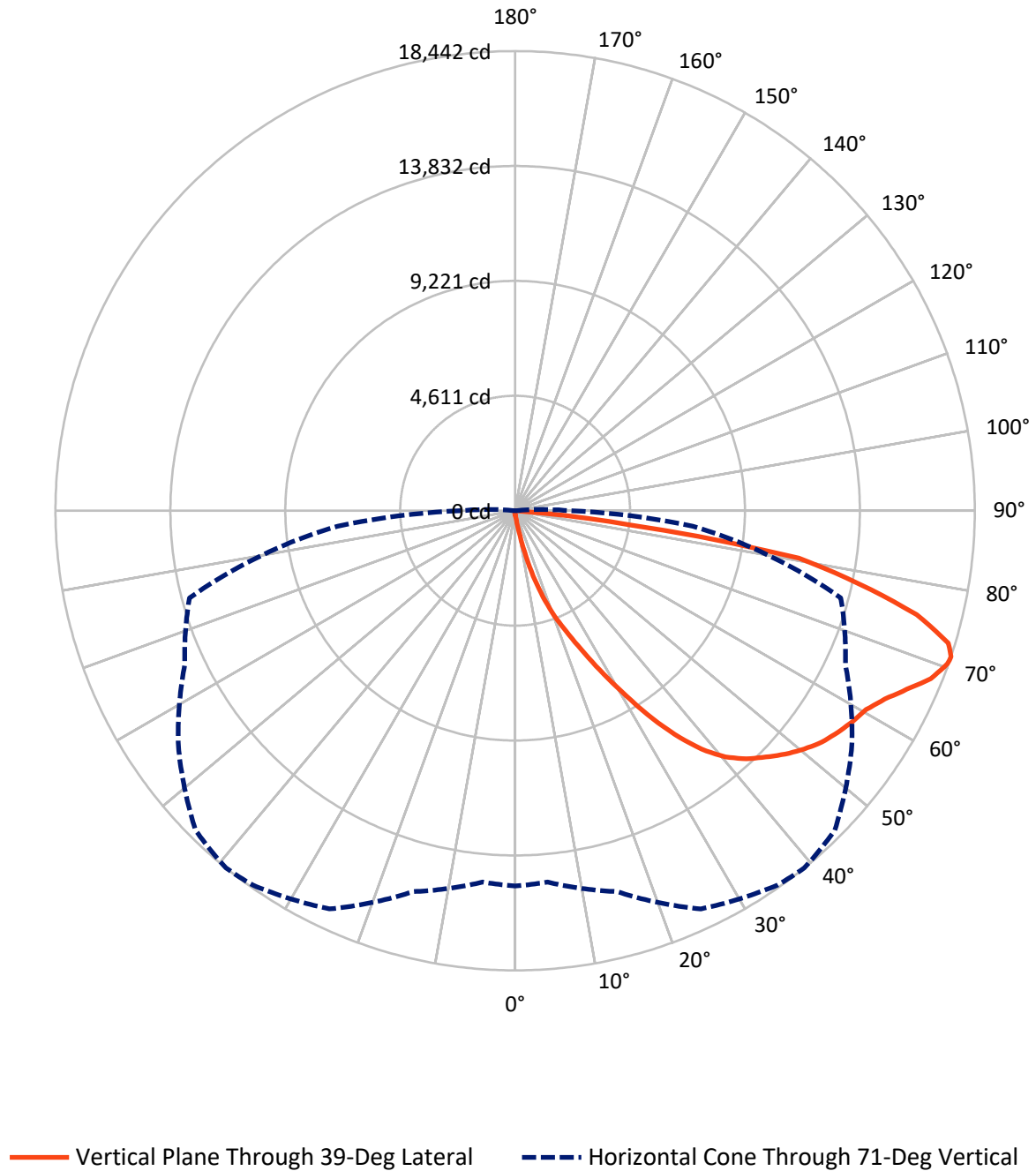


Based on 15 foot mounting height. Maximum calculated value = 30.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.4	0.0	104.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29281.2	0.0	29281.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	29385.6	0.0	29385.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	0.1
10°-20°	314.1	1.1
20°-30°	1118.5	3.8
30°-40°	2695.7	9.2
40°-50°	4511.4	15.4
50°-60°	5794.4	19.7
60°-70°	7332.8	25.0
70°-80°	6537.5	22.2
80°-90°	1056.8	3.6
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°	29385.6	100.0
0°-180°	29385.6	100.0



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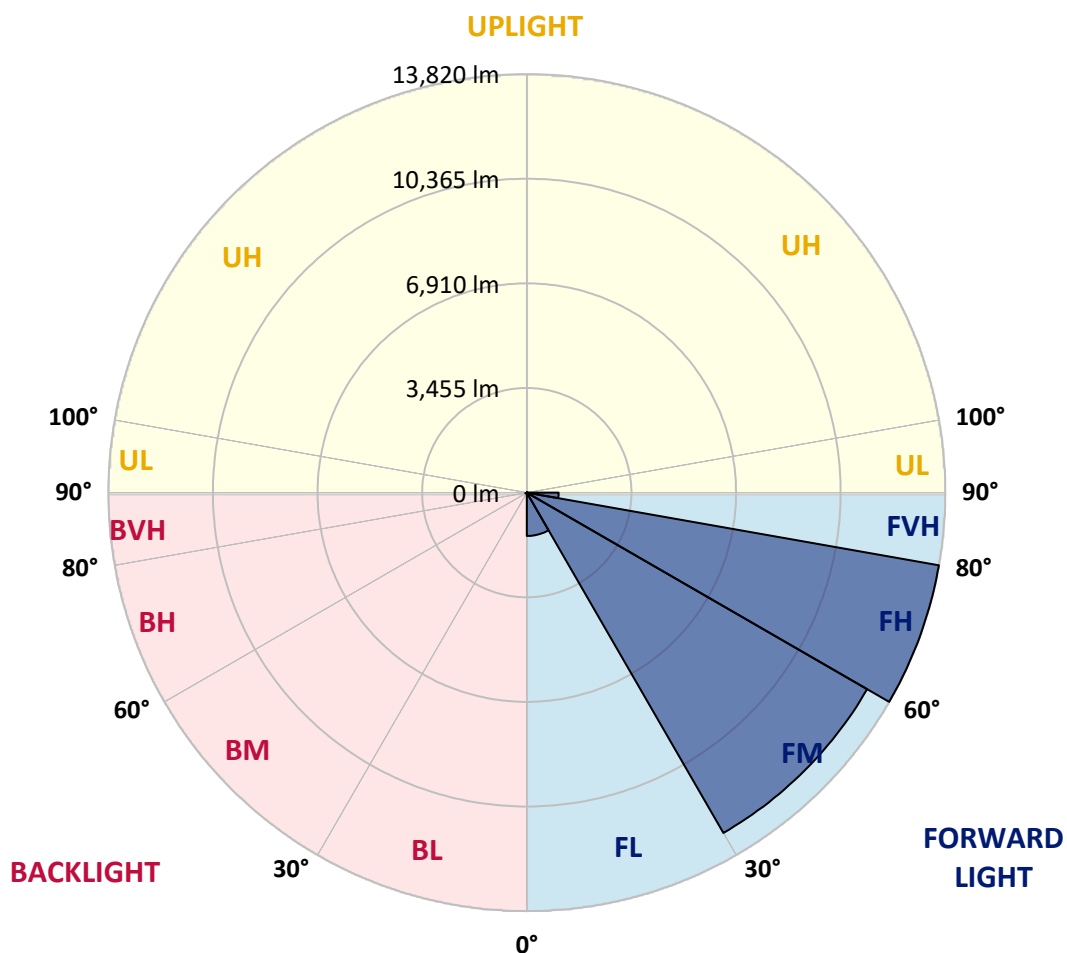
CATALOG NUMBER: GALN-SA9B-935-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1431.9	4.9			
FM	(30°-60°)	12977.3	44.2			
FH	(60°-80°)	13820.1	47.0			G5
FVH	(80°-90°)	1052.0	3.6			G5
BL	(0°-30°)	25.3	0.1	B0/110		
BM	(30°-60°)	24.2	0.1	B0/220		
BH	(60°-80°)	50.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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-G5

Type IV Short



REPORT NUMBER: P1048774

CATALOG NUMBER: GALN-SA9B-935-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1
2.5°	185.0	185.0	185.0	179.0	179.0	177.0	175.1	175.1	171.1	169.1	165.1
5°	280.5	274.5	260.6	252.6	236.7	226.8	216.8	202.9	189.0	179.0	167.1
7.5°	634.6	648.5	602.7	517.2	429.7	391.9	328.2	264.6	218.8	189.0	169.1
10°	1617.3	1609.3	1454.1	1283.1	990.6	873.3	684.3	431.7	282.5	206.9	171.1
12.5°	2751.1	2743.2	2560.2	2327.4	1941.5	1696.8	1338.8	805.6	405.8	234.7	171.1
15°	3704.0	3672.2	3614.5	3383.7	2932.2	2727.3	2253.8	1424.3	656.5	282.5	175.1
17.5°	4334.6	4306.7	4253.0	4169.5	3883.0	3640.3	3260.4	2237.9	1062.3	366.0	183.0
20°	4913.4	4893.5	4849.8	4833.9	4648.9	4519.6	4205.3	3172.9	1655.1	497.3	194.9
22.5°	5709.1	5667.4	5685.3	5589.8	5408.8	5253.6	5060.6	4151.6	2379.1	716.1	216.8
25°	6683.9	6664.0	6614.2	6546.6	6296.0	6160.7	5864.3	5074.6	3188.8	1002.6	240.7
27.5°	7861.5	7839.6	7827.7	7672.5	7384.1	7236.9	6823.1	5945.9	4099.8	1404.4	272.5
30°	9218.2	9228.1	9150.5	8951.6	8615.4	8408.6	7982.9	6858.9	5032.8	1875.9	306.3
32.5°	10622.6	10602.7	10483.3	10248.6	9948.2	9755.3	9214.2	7859.5	6011.5	2498.5	346.1
35°	12136.4	12098.6	11784.3	11515.8	11259.1	11016.5	10523.1	9021.2	6990.2	3196.7	399.8
37.5°	13664.1	13487.1	12856.5	12516.3	12339.3	12140.4	11680.9	10260.5	7963.0	3976.5	465.5
40°	14817.9	14680.6	13932.7	13306.1	13164.8	12995.8	12653.6	11330.8	8997.4	4814.0	545.1
42.5°	15456.5	15380.9	14708.5	14089.8	13757.6	13608.4	13316.0	12265.7	10019.8	5739.0	660.4
45°	15729.0	15611.6	15162.0	14873.6	14344.5	14097.8	13749.7	12971.9	11088.1	6789.3	821.6
47.5°	15645.4	15577.8	15255.5	15361.0	14977.0	14593.1	14081.9	13513.0	12001.1	7994.8	1042.4
50°	15120.3	15062.6	14963.1	15534.0	15486.3	15032.7	14511.6	13940.6	12747.1	9238.1	1384.5
52.5°	14121.7	14097.8	14352.4	15398.8	15774.7	15420.6	14925.3	14318.6	13443.3	10537.0	1873.9
55°	12834.6	12932.1	13660.2	15187.9	15921.9	15707.1	15291.3	14672.7	14002.3	11698.8	2596.0
57.5°	12305.5	12331.3	13240.4	15038.7	15987.6	15959.7	15647.4	15010.9	14515.5	12627.7	3698.0
60°	12924.1	12884.4	13363.8	15152.1	16118.9	16186.5	15963.7	15325.2	14961.1	13425.4	5166.1
62.5°	14042.1	14020.2	14173.4	15635.5	16502.8	16640.1	16403.3	15551.9	15355.0	13950.6	6841.0
65°	15040.7	14995.0	15279.4	16492.9	17177.2	17274.6	17067.7	15939.8	15528.1	14332.5	8414.5
67.5°	15472.4	15462.4	15920.0	17308.4	17885.3	17990.8	17809.7	16475.0	15488.3	14453.9	9108.8
70°	15275.4	15237.6	15969.7	17654.6	18285.2	18404.5	18229.5	16673.9	15056.6	14070.0	8080.3
71°	15058.6	14957.2	15820.5	17630.7	18340.9	18442.3	18136.0	16492.9	14623.0	13524.9	7147.4
72.5°	14386.2	14404.1	15410.7	17382.0	18207.6	18177.7	17606.8	15844.4	14099.8	12287.6	5741.0
75°	12731.2	12836.6	14083.9	16337.7	17018.0	16638.1	15764.8	14605.1	13049.5	8810.4	3986.5
77.5°	10403.8	10560.9	11931.5	14328.6	14135.6	14097.8	14062.0	12868.4	11143.8	4732.4	2773.0
80°	4967.2	5307.3	7197.1	10228.7	11111.9	11539.6	11271.1	10369.9	8617.4	2253.8	1657.0
82.5°	324.2	320.3	453.5	859.4	3622.4	4682.7	7439.8	7411.9	6007.5	1098.1	676.3
85°	153.2	157.2	173.1	196.9	228.8	250.6	346.1	2029.0	2874.5	523.2	147.2
87.5°	89.5	91.5	107.4	137.3	179.0	198.9	236.7	304.4	374.0	288.4	31.8
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: P1048774

CATALOG NUMBER: GALN-SA9B-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1	161.1
2.5°	163.1	161.1	155.2	149.2	143.2	139.2	137.3	139.2	139.2	141.2	141.2
5°	163.1	157.2	147.2	135.3	127.3	119.4	115.4	113.4	115.4	115.4	115.4
7.5°	161.1	151.2	137.3	123.3	113.4	103.4	99.5	97.5	97.5	99.5	99.5
10°	157.2	147.2	129.3	113.4	101.5	89.5	83.5	77.6	77.6	77.6	79.6
12.5°	155.2	141.2	119.4	103.4	87.5	73.6	61.7	55.7	57.7	57.7	57.7
15°	151.2	135.3	113.4	93.5	73.6	55.7	45.8	39.8	41.8	43.8	41.8
17.5°	151.2	133.3	105.4	81.6	57.7	41.8	33.8	29.8	29.8	31.8	31.8
20°	151.2	129.3	99.5	69.6	43.8	31.8	23.9	21.9	21.9	25.9	27.8
22.5°	155.2	129.3	91.5	57.7	35.8	23.9	17.9	15.9	17.9	21.9	23.9
25°	161.1	127.3	83.5	51.7	29.8	17.9	13.9	9.9	11.9	15.9	17.9
27.5°	167.1	125.3	75.6	45.8	23.9	13.9	9.9	8.0	6.0	8.0	8.0
30°	173.1	125.3	67.6	37.8	19.9	9.9	6.0	4.0	2.0	0.0	0.0
32.5°	177.0	121.3	61.7	29.8	15.9	8.0	4.0	2.0	0.0	0.0	0.0
35°	181.0	117.4	53.7	23.9	11.9	6.0	2.0	0.0	0.0	0.0	0.0
37.5°	185.0	111.4	45.8	19.9	9.9	4.0	0.0	0.0	0.0	0.0	0.0
40°	189.0	103.4	37.8	17.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	193.0	97.5	31.8	13.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	202.9	93.5	25.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	220.8	89.5	23.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	246.7	85.5	21.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	282.5	83.5	19.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	346.1	81.6	17.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	455.5	79.6	17.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	698.2	75.6	17.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1247.3	73.6	15.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2174.2	75.6	15.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3117.2	79.6	13.9	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2667.6	69.6	13.9	8.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0
71°	2174.2	61.7	13.9	8.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1398.4	47.7	11.9	8.0	4.0	4.0	2.0	0.0	0.0	0.0	0.0
75°	590.8	39.8	11.9	8.0	6.0	4.0	4.0	2.0	0.0	0.0	0.0
77.5°	252.6	29.8	11.9	9.9	8.0	6.0	6.0	4.0	2.0	0.0	0.0
80°	95.5	23.9	13.9	11.9	9.9	9.9	8.0	4.0	2.0	0.0	0.0
82.5°	43.8	19.9	13.9	11.9	11.9	9.9	8.0	6.0	4.0	0.0	0.0
85°	27.8	17.9	13.9	11.9	11.9	9.9	9.9	6.0	4.0	0.0	0.0
87.5°	21.9	17.9	13.9	13.9	11.9	11.9	8.0	6.0	2.0	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

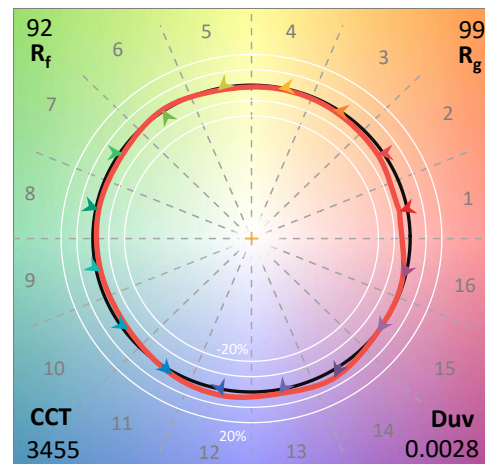
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

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

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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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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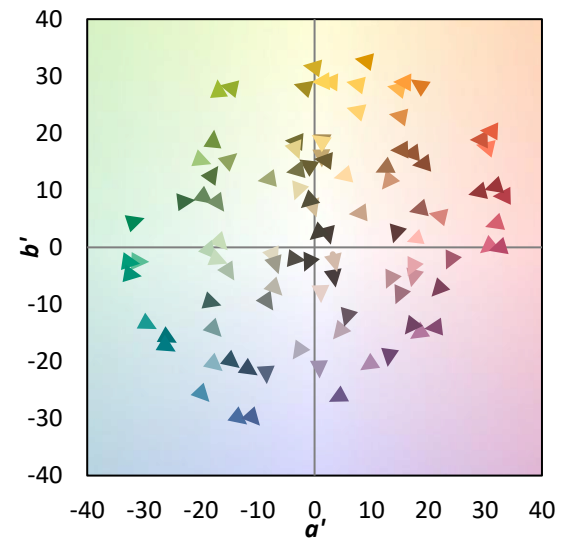
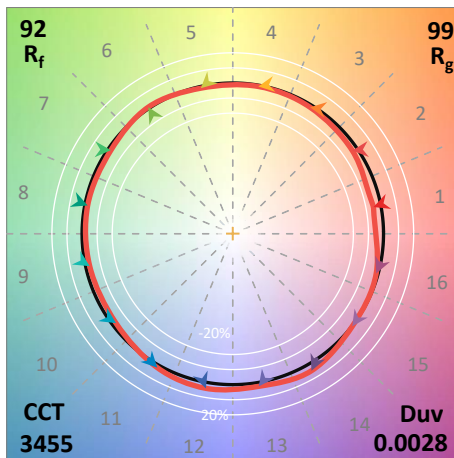
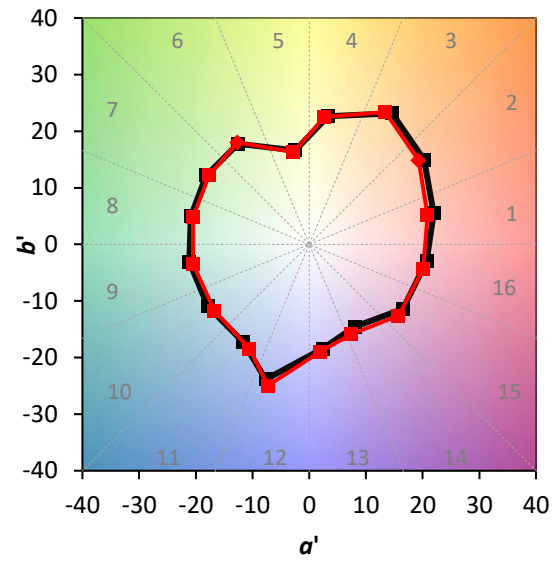
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$



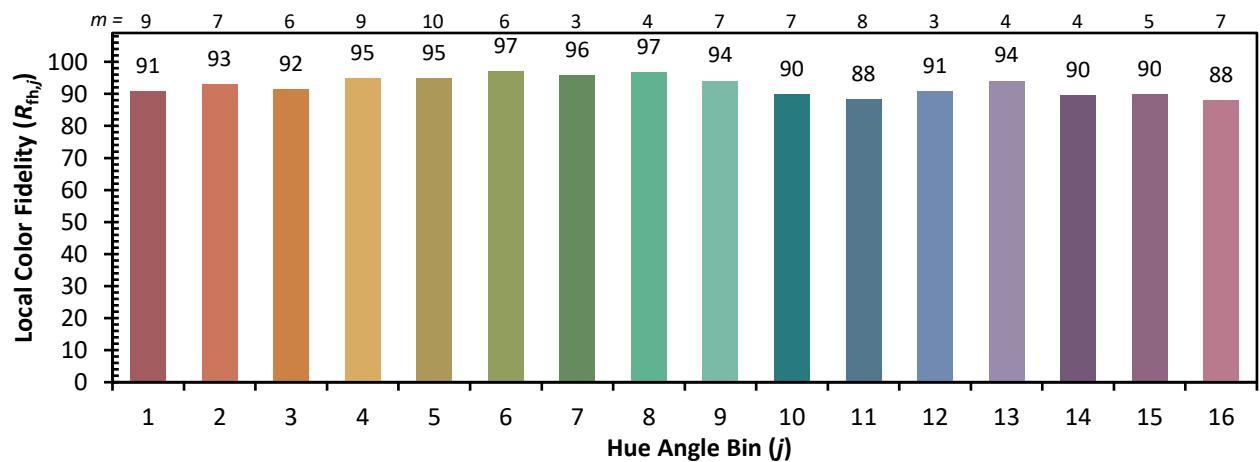
Color Vector Graphics



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

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)