

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: P1048778

Luminaire Tested: **GALN-SA1B-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048778
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3381.2 lumens
Efficiency: N/A
Efficacy: 87.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

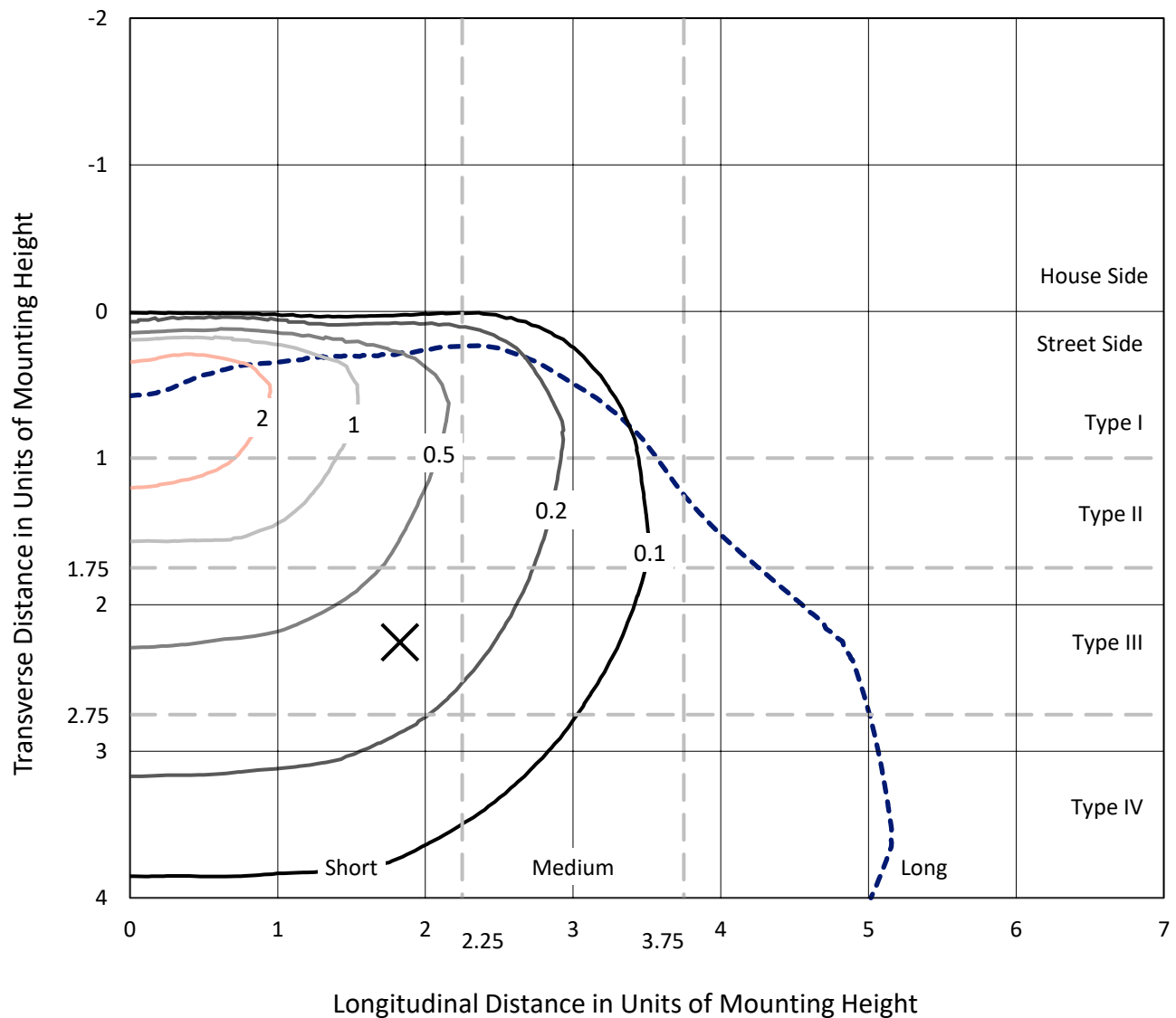


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

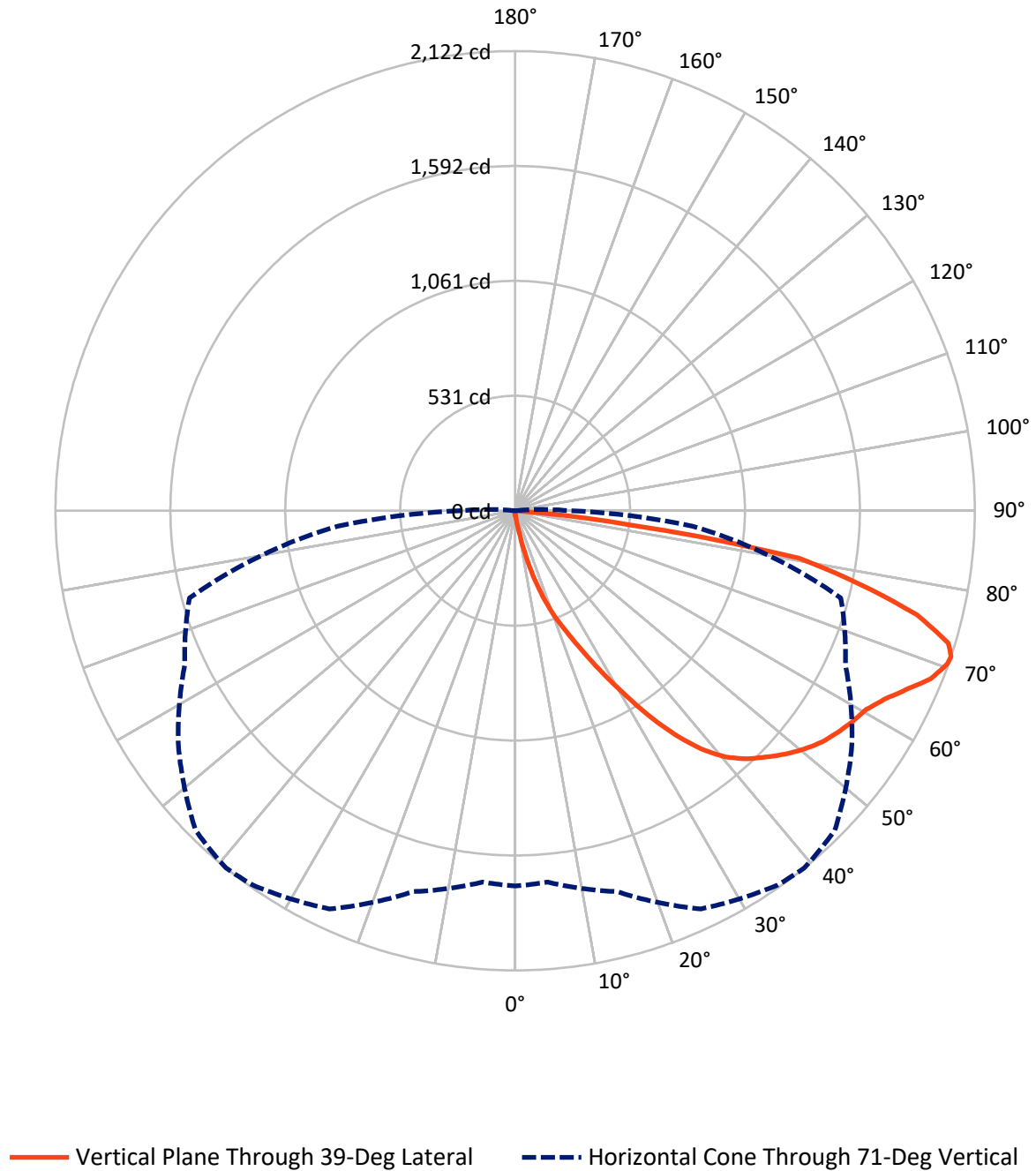


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.0	0.0	12.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3369.2	0.0	3369.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	3381.2	0.0	3381.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	36.1	1.1
20°-30°	128.7	3.8
30°-40°	310.2	9.2
40°-50°	519.1	15.4
50°-60°	666.7	19.7
60°-70°	843.7	25.0
70°-80°	752.2	22.2
80°-90°	121.6	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°	3381.2	100.0
0°-180°	3381.2	100.0



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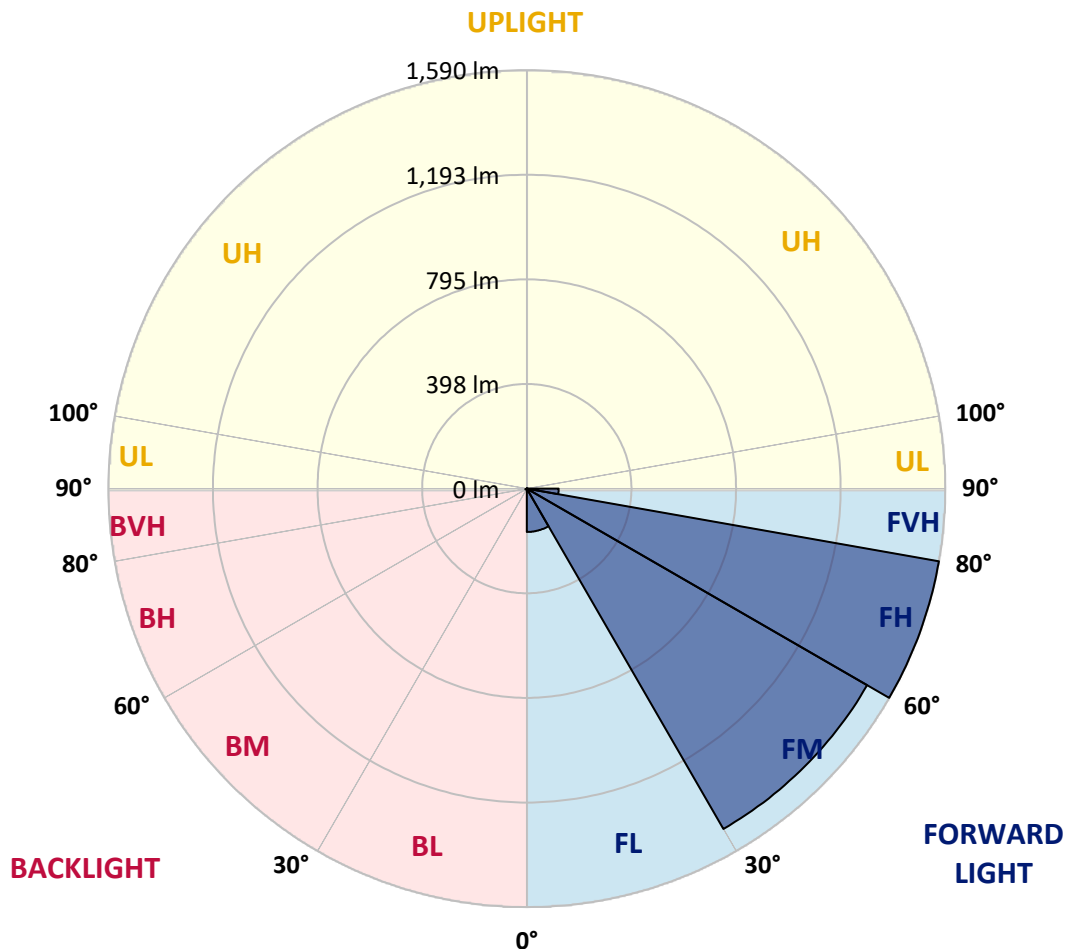
CATALOG NUMBER: GALN-SA1B-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.8	4.9			
FM	(30°-60°)	1493.2	44.2			
FH	(60°-80°)	1590.2	47.0			G1/1800
FVH	(80°-90°)	121.0	3.6			G2/225
BL	(0°-30°)	2.9	0.1	B0/110		
BM	(30°-60°)	2.8	0.1	B0/220		
BH	(60°-80°)	5.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2

Type IV Short





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CATALOG NUMBER: GALN-SA1B-940-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2.5°	21.3	21.3	21.3	20.6	20.6	20.4	20.1	20.1	19.7	19.5	19.0
5°	32.3	31.6	30.0	29.1	27.2	26.1	24.9	23.3	21.7	20.6	19.2
7.5°	73.0	74.6	69.4	59.5	49.4	45.1	37.8	30.4	25.2	21.7	19.5
10°	186.1	185.2	167.3	147.6	114.0	100.5	78.7	49.7	32.5	23.8	19.7
12.5°	316.6	315.6	294.6	267.8	223.4	195.2	154.0	92.7	46.7	27.0	19.7
15°	426.2	422.5	415.9	389.3	337.4	313.8	259.3	163.9	75.5	32.5	20.1
17.5°	498.8	495.5	489.4	479.8	446.8	418.9	375.2	257.5	122.2	42.1	21.1
20°	565.4	563.1	558.0	556.2	534.9	520.0	483.9	365.1	190.4	57.2	22.4
22.5°	656.9	652.1	654.2	643.2	622.4	604.5	582.3	477.7	273.8	82.4	24.9
25°	769.1	766.8	761.1	753.3	724.4	708.9	674.8	583.9	366.9	115.4	27.7
27.5°	904.6	902.1	900.7	882.8	849.6	832.7	785.1	684.2	471.7	161.6	31.4
30°	1060.7	1061.8	1052.9	1030.0	991.3	967.5	918.5	789.2	579.1	215.8	35.2
32.5°	1222.3	1220.0	1206.3	1179.2	1144.7	1122.5	1060.2	904.3	691.7	287.5	39.8
35°	1396.5	1392.1	1356.0	1325.1	1295.5	1267.6	1210.8	1038.0	804.3	367.8	46.0
37.5°	1572.3	1551.9	1479.3	1440.2	1419.8	1396.9	1344.1	1180.6	916.3	457.6	53.6
40°	1705.0	1689.2	1603.2	1531.1	1514.8	1495.3	1456.0	1303.8	1035.3	553.9	62.7
42.5°	1778.5	1769.8	1692.4	1621.2	1583.0	1565.8	1532.2	1411.3	1152.9	660.4	76.0
45°	1809.8	1796.3	1744.6	1711.4	1650.5	1622.2	1582.1	1492.6	1275.8	781.2	94.5
47.5°	1800.2	1792.4	1755.4	1767.5	1723.3	1679.1	1620.3	1554.9	1380.9	919.9	119.9
50°	1739.8	1733.2	1721.7	1787.4	1781.9	1729.7	1669.8	1604.1	1466.7	1063.0	159.3
52.5°	1624.9	1622.2	1651.5	1771.8	1815.1	1774.4	1717.4	1647.6	1546.8	1212.4	215.6
55°	1476.8	1488.0	1571.8	1747.6	1832.0	1807.3	1759.5	1688.3	1611.2	1346.1	298.7
57.5°	1415.9	1418.9	1523.5	1730.4	1839.6	1836.4	1800.5	1727.2	1670.2	1453.0	425.5
60°	1487.1	1482.5	1537.7	1743.5	1854.7	1862.5	1836.9	1763.4	1721.5	1544.8	594.4
62.5°	1615.7	1613.2	1630.9	1799.1	1898.9	1914.7	1887.4	1789.5	1766.8	1605.2	787.2
65°	1730.6	1725.4	1758.1	1897.7	1976.5	1987.7	1963.9	1834.1	1786.7	1649.2	968.2
67.5°	1780.3	1779.2	1831.8	1991.6	2058.0	2070.1	2049.3	1895.7	1782.1	1663.1	1048.1
70°	1757.7	1753.3	1837.5	2031.4	2104.0	2117.7	2097.6	1918.6	1732.5	1618.9	929.8
71°	1732.7	1721.0	1820.4	2028.7	2110.4	2122.1	2086.8	1897.7	1682.6	1556.2	822.4
72.5°	1655.3	1657.4	1773.2	2000.1	2095.0	2091.6	2025.9	1823.1	1622.4	1413.9	660.6
75°	1464.9	1477.0	1620.6	1879.9	1958.2	1914.4	1814.0	1680.5	1501.5	1013.8	458.7
77.5°	1197.1	1215.2	1372.9	1648.7	1626.5	1622.2	1618.0	1480.7	1282.2	544.5	319.1
80°	571.5	610.7	828.1	1177.0	1278.6	1327.8	1296.9	1193.2	991.6	259.3	190.7
82.5°	37.3	36.9	52.2	98.9	416.8	538.8	856.1	852.8	691.3	126.3	77.8
85°	17.6	18.1	19.9	22.7	26.3	28.8	39.8	233.5	330.7	60.2	16.9
87.5°	10.3	10.5	12.4	15.8	20.6	22.9	27.2	35.0	43.0	33.2	3.7
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: P1048778

CATALOG NUMBER: GALN-SA1B-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2.5°	18.8	18.5	17.9	17.2	16.5	16.0	15.8	16.0	16.0	16.3	16.3
5°	18.8	18.1	16.9	15.6	14.6	13.7	13.3	13.0	13.3	13.3	13.3
7.5°	18.5	17.4	15.8	14.2	13.0	11.9	11.4	11.2	11.2	11.4	11.4
10°	18.1	16.9	14.9	13.0	11.7	10.3	9.6	8.9	8.9	8.9	9.2
12.5°	17.9	16.3	13.7	11.9	10.1	8.5	7.1	6.4	6.6	6.6	6.6
15°	17.4	15.6	13.0	10.8	8.5	6.4	5.3	4.6	4.8	5.0	4.8
17.5°	17.4	15.3	12.1	9.4	6.6	4.8	3.9	3.4	3.4	3.7	3.7
20°	17.4	14.9	11.4	8.0	5.0	3.7	2.7	2.5	2.5	3.0	3.2
22.5°	17.9	14.9	10.5	6.6	4.1	2.7	2.1	1.8	2.1	2.5	2.7
25°	18.5	14.6	9.6	6.0	3.4	2.1	1.6	1.1	1.4	1.8	2.1
27.5°	19.2	14.4	8.7	5.3	2.7	1.6	1.1	0.9	0.7	0.9	0.9
30°	19.9	14.4	7.8	4.3	2.3	1.1	0.7	0.5	0.2	0.0	0.0
32.5°	20.4	14.0	7.1	3.4	1.8	0.9	0.5	0.2	0.0	0.0	0.0
35°	20.8	13.5	6.2	2.7	1.4	0.7	0.2	0.0	0.0	0.0	0.0
37.5°	21.3	12.8	5.3	2.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0
40°	21.7	11.9	4.3	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	22.2	11.2	3.7	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	23.3	10.8	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	25.4	10.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	28.4	9.8	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	32.5	9.6	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	39.8	9.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	52.4	9.2	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	80.3	8.7	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	143.5	8.5	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	250.2	8.7	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	358.7	9.2	1.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	306.9	8.0	1.6	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0
71°	250.2	7.1	1.6	0.9	0.5	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	160.9	5.5	1.4	0.9	0.5	0.5	0.2	0.0	0.0	0.0	0.0
75°	68.0	4.6	1.4	0.9	0.7	0.5	0.5	0.2	0.0	0.0	0.0
77.5°	29.1	3.4	1.4	1.1	0.9	0.7	0.7	0.5	0.2	0.0	0.0
80°	11.0	2.7	1.6	1.4	1.1	1.1	0.9	0.5	0.2	0.0	0.0
82.5°	5.0	2.3	1.6	1.4	1.4	1.1	0.9	0.7	0.5	0.0	0.0
85°	3.2	2.1	1.6	1.4	1.4	1.1	1.1	0.7	0.5	0.0	0.0
87.5°	2.5	2.1	1.6	1.6	1.4	1.4	0.9	0.7	0.2	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: SP1-2407-184-16

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

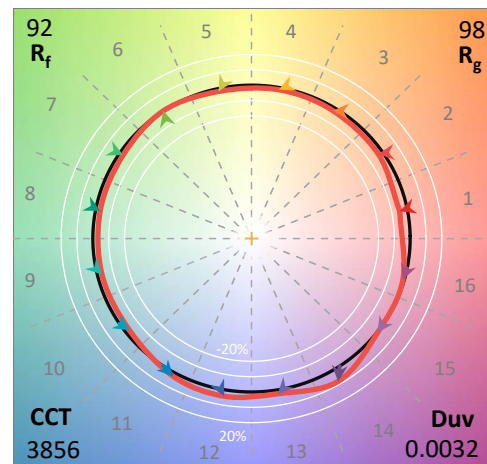
Test Information

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
 R_f: 91.8
 R_g: 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

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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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

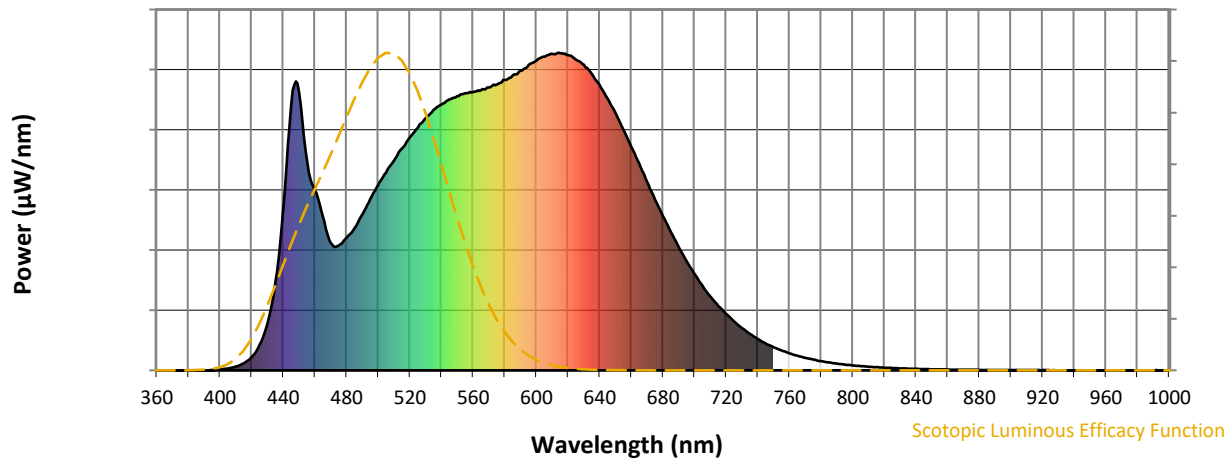


Photopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

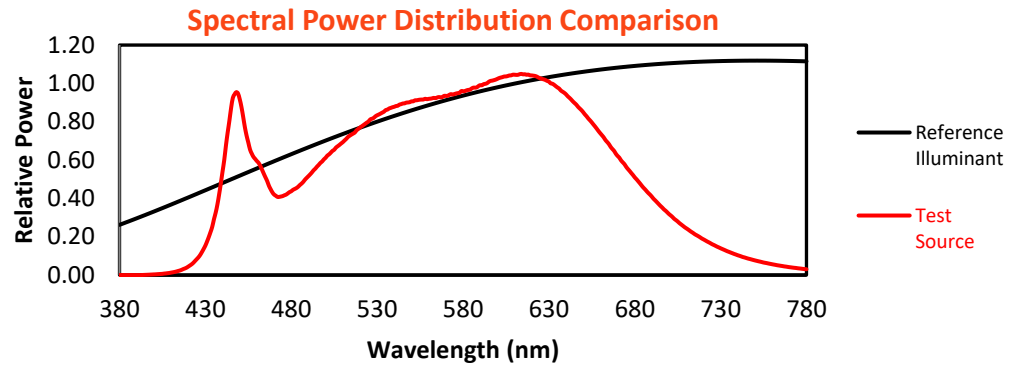
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	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			

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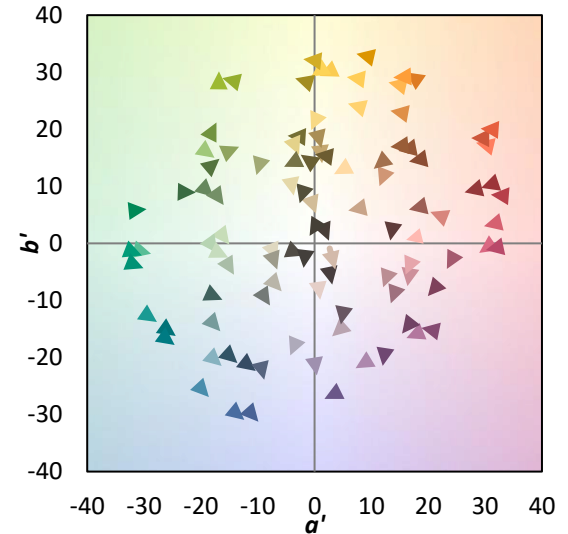
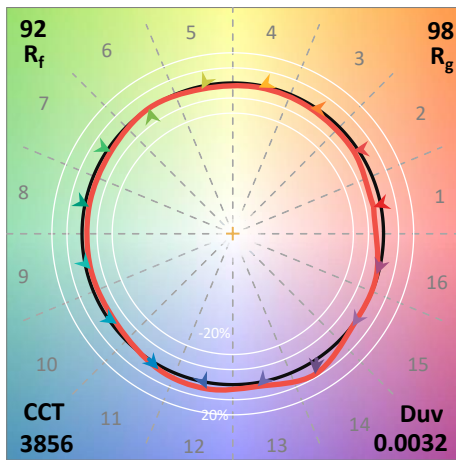
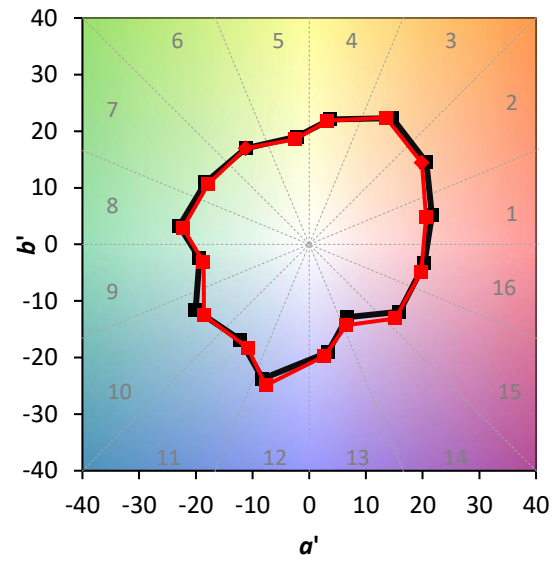
TM-30-18

Summary

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



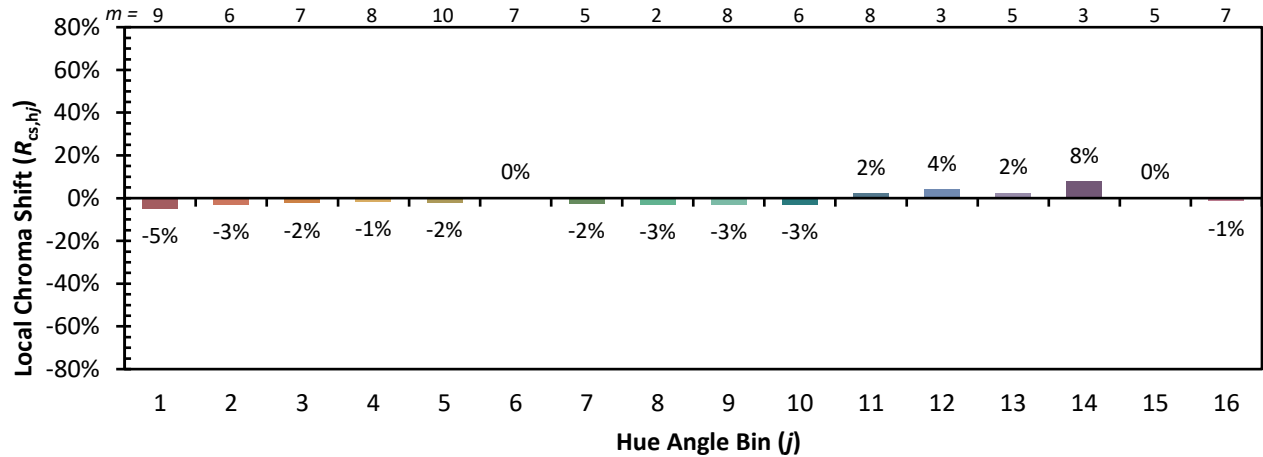
Color Vector Graphics



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	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)