

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

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456305

Luminaire Tested: GLAN-SB3C-940-U-T2LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456305
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-940-U-T2LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square
PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source: (78) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

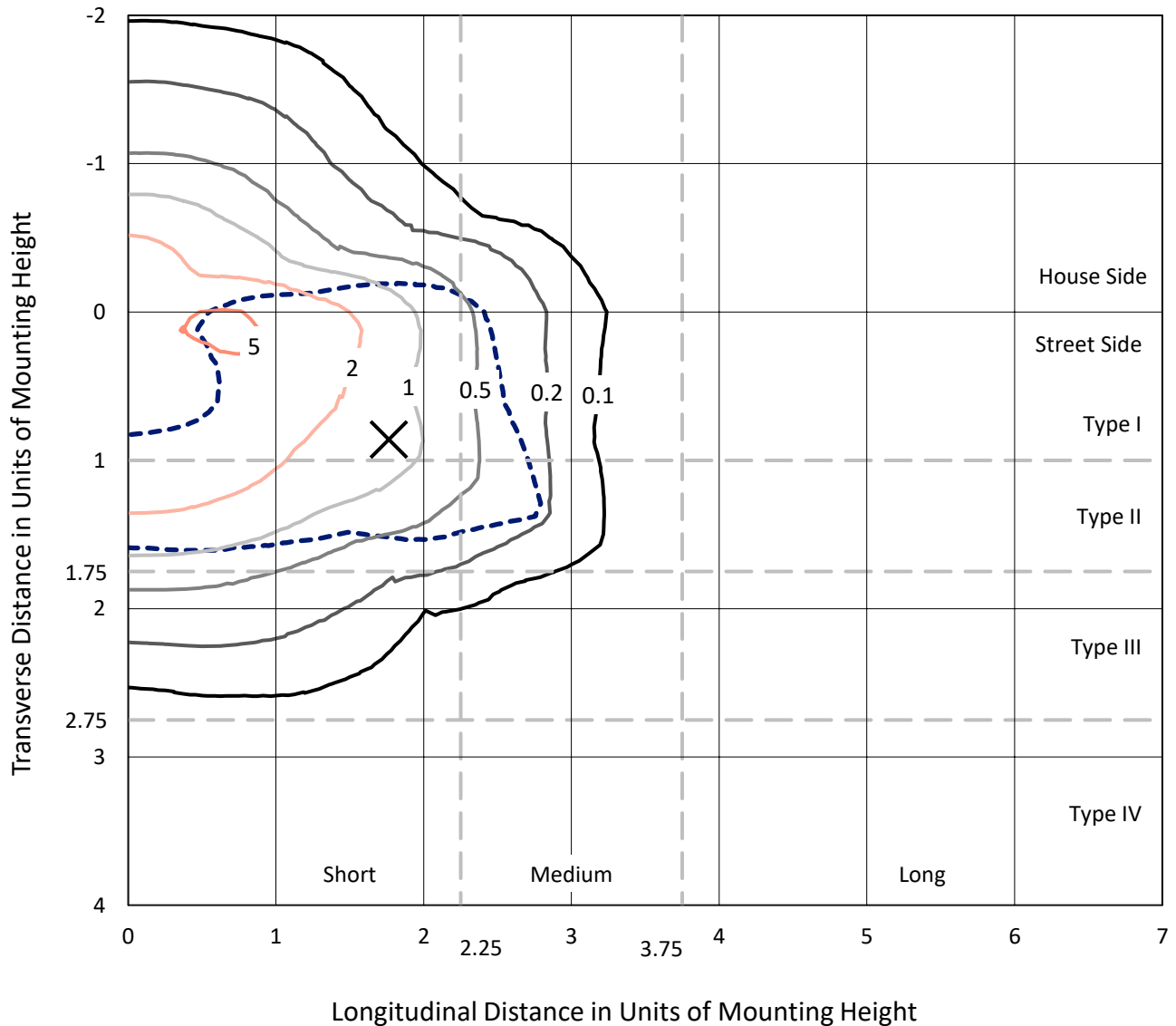
Lumens per Lamp: N/A
Luminaire Lumens: 15753.6 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 149.1
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: P1456305
 CATALOG NUMBER: GLAN-SB3C-940-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

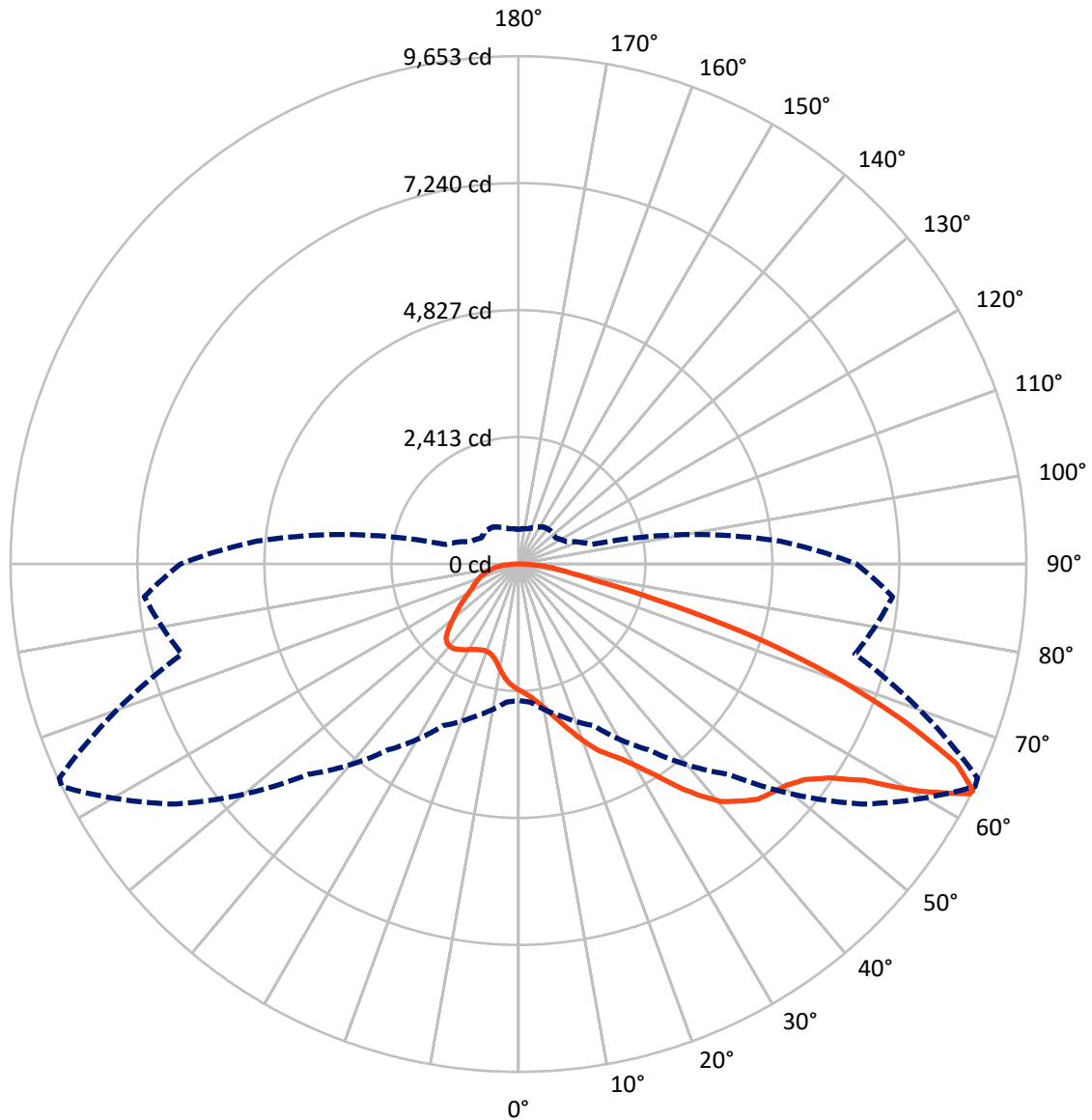


Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SB3C-940-U-T2LG

Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4232.6	0.0	4232.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11521.1	0.0	11521.1
	% Fixture	73.1	0.0	73.1
Total	Lumens	15753.6	0.0	15753.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.3	1.4
10°-20°	678.1	4.3
20°-30°	1240.0	7.9
30°-40°	2133.0	13.5
40°-50°	3145.7	20.0
50°-60°	3770.3	23.9
60°-70°	3026.0	19.2
70°-80°	1215.9	7.7
80°-90°	324.2	2.1
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°	15753.6	100.0
0°-180°	15753.6	100.0



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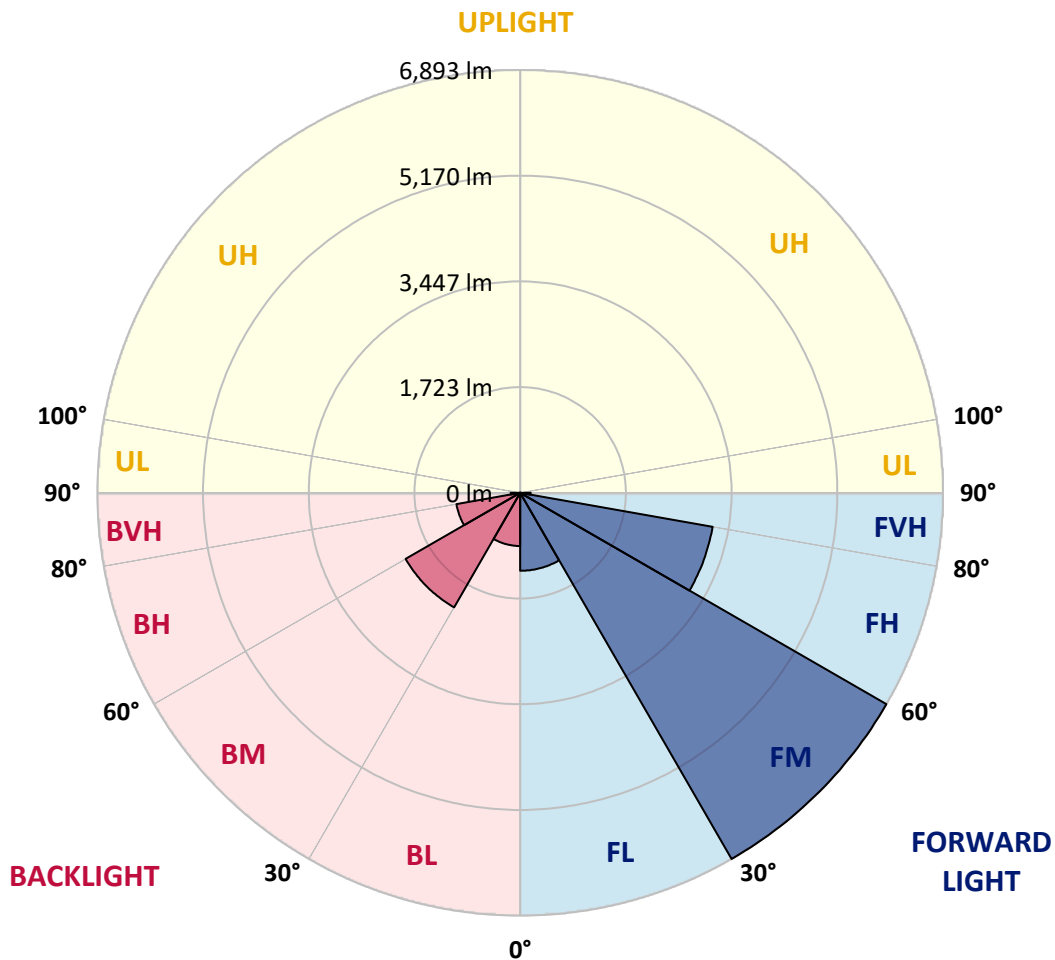
CATALOG NUMBER: GLAN-SB3C-940-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1271.0	8.1			
FM (30°-60°)	6893.0	43.8			
FH (60°-80°)	3186.7	20.2			G2/5000
FVH (80°-90°)	170.3	1.1			G2/225
BL (0°-30°)	867.4	5.5	B2/1000		
BM (30°-60°)	2156.0	13.7	B2/2500		
BH (60°-80°)	1055.3	6.7	B3/2500		G3/2500
BVH (80°-90°)	153.9	1.0			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1
2.5°	2498.2	2501.7	2491.1	2487.6	2494.6	2480.5	2476.9	2462.8	2455.7	2441.6	2423.9
5°	2568.9	2572.5	2565.4	2565.4	2572.5	2561.9	2558.3	2544.2	2537.1	2522.9	2487.6
7.5°	2565.4	2568.9	2576.0	2604.3	2639.7	2653.9	2664.5	2653.9	2650.3	2629.1	2593.7
10°	2508.8	2512.3	2530.0	2572.5	2660.9	2724.6	2791.9	2791.9	2798.9	2781.3	2717.6
12.5°	2430.9	2434.5	2476.9	2544.2	2660.9	2770.6	2908.6	2965.3	2961.7	2951.1	2876.8
15°	2243.4	2243.4	2307.1	2434.5	2622.0	2802.5	3007.7	3159.9	3163.4	3174.0	3085.6
17.5°	2084.2	2087.7	2140.8	2254.0	2498.2	2784.8	3113.9	3375.7	3386.3	3446.5	3319.1
20°	2098.3	2098.3	2116.0	2165.6	2363.7	2714.0	3174.0	3605.7	3641.1	3782.6	3623.4
22.5°	2208.0	2208.0	2222.2	2218.6	2338.9	2668.0	3212.9	3835.7	3899.4	4193.1	3987.9
25°	2409.7	2406.2	2392.0	2370.8	2441.6	2717.6	3301.4	4012.6	4136.5	4646.0	4409.0
27.5°	2657.4	2650.3	2629.1	2593.7	2643.3	2866.2	3453.6	4200.2	4334.6	5141.4	4854.8
30°	2965.3	2944.0	2922.8	2876.8	2929.9	3110.3	3680.0	4465.6	4593.0	5704.0	5392.7
32.5°	3329.7	3354.5	3283.7	3220.0	3276.6	3442.9	4016.2	4780.5	4918.5	6291.4	5951.7
35°	3874.6	3949.0	3927.7	3605.7	3658.8	3842.8	4409.0	5187.4	5311.3	6825.7	6525.0
37.5°	4412.5	4394.8	4412.5	4143.6	4058.6	4281.6	4830.0	5576.7	5697.0	7261.0	7031.0
40°	4844.2	4897.3	4897.3	4677.9	4568.2	4716.8	5212.2	5934.0	6050.8	7501.6	7395.4
42.5°	5314.8	5321.9	5307.7	5116.7	5074.2	5113.1	5548.4	6160.5	6256.0	7625.4	7643.1
45°	5845.6	5842.0	5781.9	5622.7	5559.0	5523.6	5757.1	6379.9	6475.4	7682.1	7777.6
47.5°	6284.4	6302.0	6305.6	6135.7	6029.6	5877.4	5937.6	6489.6	6599.3	7618.4	7805.9
50°	6309.1	6337.4	6471.9	6521.4	6500.2	6256.0	6103.9	6606.4	6716.1	7632.5	7908.5
52.5°	6153.4	6181.7	6355.1	6560.4	6808.1	6691.3	6365.7	6808.1	6921.3	7770.5	8142.1
55°	5735.9	5781.9	6040.2	6326.8	6769.1	6935.4	6829.3	7172.5	7278.7	7880.2	8414.5
57.5°	4992.8	5049.4	5406.8	5863.3	6468.4	6878.8	7501.6	7756.4	7844.8	7958.1	8418.1
60°	3733.1	3779.1	4338.2	4953.9	5863.3	6525.0	7901.4	8757.8	8807.3	7537.0	7940.4
62.5°	2749.4	2795.4	3170.5	3612.8	4607.1	5873.9	7979.3	9624.7	9631.8	6776.2	7282.2
63°	2590.2	2636.2	2975.9	3389.9	4309.9	5654.5	7954.5	9653.0	9628.2	6620.5	7137.1
65°	2016.9	2098.3	2452.2	2767.1	3230.6	4501.0	7636.1	9150.5	9185.9	6160.5	6408.2
67.5°	1372.9	1433.1	1882.5	2246.9	2441.6	2866.2	6263.1	7830.7	7887.3	5682.8	5113.1
70°	1061.5	1089.9	1351.7	1779.9	1974.5	1822.3	4083.4	6305.6	6305.6	4437.3	3623.4
72.5°	831.5	842.2	1019.1	1390.6	1588.8	1401.2	2275.2	4585.9	4416.0	2632.6	2416.8
75°	594.5	608.6	767.9	1036.8	1266.8	1104.0	1454.3	2671.6	2568.9	1514.5	1613.6
77.5°	470.6	477.7	573.2	764.3	1026.2	842.2	1107.5	1457.9	1443.7	1065.1	1036.8
80°	371.5	385.7	449.4	548.5	792.6	658.2	824.5	962.5	934.2	732.5	665.2
82.5°	265.4	290.2	346.8	417.5	587.4	470.6	541.4	679.4	679.4	552.0	438.8
85°	162.8	184.0	205.2	258.3	417.5	304.3	286.6	438.8	449.4	414.0	283.1
87.5°	77.8	84.9	99.1	109.7	152.2	138.0	113.2	166.3	169.8	184.0	116.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1	2399.1
2.5°	2420.3	2413.2	2377.9	2342.5	2303.6	2268.2	2232.8	2204.5	2172.6	2179.7	2183.2
5°	2466.3	2448.6	2370.8	2278.8	2158.5	2045.2	1935.6	1857.7	1808.2	1794.0	1765.7
7.5°	2565.4	2522.9	2381.4	2186.8	1963.9	1786.9	1684.3	1638.3	1624.2	1627.7	1620.6
10°	2678.6	2614.9	2395.6	2077.1	1794.0	1673.7	1659.6	1687.9	1702.0	1716.2	1719.7
12.5°	2827.3	2724.6	2388.5	1956.8	1712.6	1691.4	1744.5	1797.6	1829.4	1850.6	1847.1
15°	3000.6	2862.6	2367.2	1857.7	1702.0	1758.6	1825.9	1886.0	1924.9	1946.2	1935.6
17.5°	3209.4	3025.4	2342.5	1794.0	1733.9	1801.1	1871.9	1932.0	1974.5	1988.6	1978.0
20°	3467.7	3209.4	2300.0	1765.7	1758.6	1818.8	1882.5	1939.1	1974.5	1988.6	1974.5
22.5°	3772.0	3428.8	2264.6	1765.7	1769.2	1818.8	1864.8	1907.2	1939.1	1949.7	1932.0
25°	4161.3	3683.6	2250.5	1794.0	1772.8	1801.1	1825.9	1850.6	1868.3	1875.4	1868.3
27.5°	4557.6	3977.3	2257.6	1829.4	1769.2	1776.3	1776.3	1779.9	1783.4	1786.9	1783.4
30°	5014.0	4274.5	2285.9	1875.4	1776.3	1740.9	1730.3	1709.1	1691.4	1677.2	1663.1
32.5°	5456.3	4557.6	2335.4	1942.6	1769.2	1702.0	1680.8	1627.7	1578.2	1535.7	1535.7
35°	5934.0	4851.3	2423.9	1992.2	1762.2	1666.6	1606.5	1546.3	1493.2	1433.1	1433.1
37.5°	6344.5	5102.5	2494.6	2048.8	1755.1	1624.2	1528.6	1461.4	1404.8	1344.6	1337.5
40°	6631.1	5247.6	2537.1	2070.0	1730.3	1567.6	1454.3	1369.4	1288.0	1206.6	1203.1
42.5°	6769.1	5240.5	2512.3	2062.9	1684.3	1496.8	1390.6	1277.4	1167.7	1093.4	1086.3
45°	6843.4	5194.5	2416.8	2002.8	1610.0	1422.5	1309.2	1188.9	1079.2	1012.0	997.9
47.5°	6829.3	5081.3	2285.9	1854.2	1510.9	1341.1	1227.9	1104.0	1015.5	976.6	976.6
50°	6868.2	4992.8	2137.2	1684.3	1376.5	1245.5	1153.5	1040.3	987.2	937.7	920.0
52.5°	7041.6	5067.1	2009.9	1525.1	1249.1	1153.5	1089.9	994.3	927.1	895.2	884.6
55°	7271.6	5226.3	1889.6	1383.5	1125.2	1072.2	1040.3	951.9	874.0	842.2	824.5
57.5°	7314.1	5336.0	1772.8	1245.5	1022.6	1008.5	997.9	877.5	813.9	789.1	774.9
60°	7020.4	5254.7	1620.6	1121.7	941.2	948.3	920.0	831.5	757.2	732.5	718.3
62.5°	6521.4	5042.3	1468.5	1015.5	877.5	891.7	863.4	774.9	700.6	675.9	668.8
63°	6422.4	4985.7	1433.1	1004.9	863.4	881.1	856.3	767.9	693.5	668.8	658.2
65°	5831.4	4646.0	1309.2	948.3	817.4	817.4	820.9	732.5	668.8	658.2	651.1
67.5°	4755.7	3878.2	1174.8	881.1	767.9	778.5	796.2	746.6	721.9	714.8	707.7
70°	3595.1	2919.3	1058.0	817.4	714.8	750.2	870.5	849.2	757.2	693.5	679.4
72.5°	2547.7	1988.6	955.4	753.7	651.1	739.5	902.3	810.3	682.9	608.6	594.5
75°	1705.6	1280.9	852.8	686.5	580.3	682.9	852.8	739.5	594.5	576.8	555.5
77.5°	1072.2	912.9	750.2	608.6	502.5	608.6	774.9	658.2	513.1	520.2	488.3
80°	654.6	651.1	629.9	516.6	403.4	484.8	651.1	555.5	410.5	410.5	364.5
82.5°	389.2	470.6	534.3	428.2	293.7	346.8	470.6	417.5	343.2	332.6	311.4
85°	261.8	318.5	424.6	329.1	187.5	212.3	325.5	350.3	314.9	276.0	258.3
87.5°	95.5	127.4	194.6	134.5	81.4	127.4	244.2	254.8	191.1	148.6	134.5
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
 Rf: 91.8
 Rg: 98.4

CRI (Ra):	92.1		
R1:	91.8	R9:	60.7
R2:	94.1	R10:	85.2
R3:	95.3	R11:	92.4
R4:	92.8	R12:	74.5
R5:	91.0	R13:	92.3
R6:	91.6	R14:	97.0
R7:	95.0	R15:	88.5
R8:	85.2		



Test Conditions

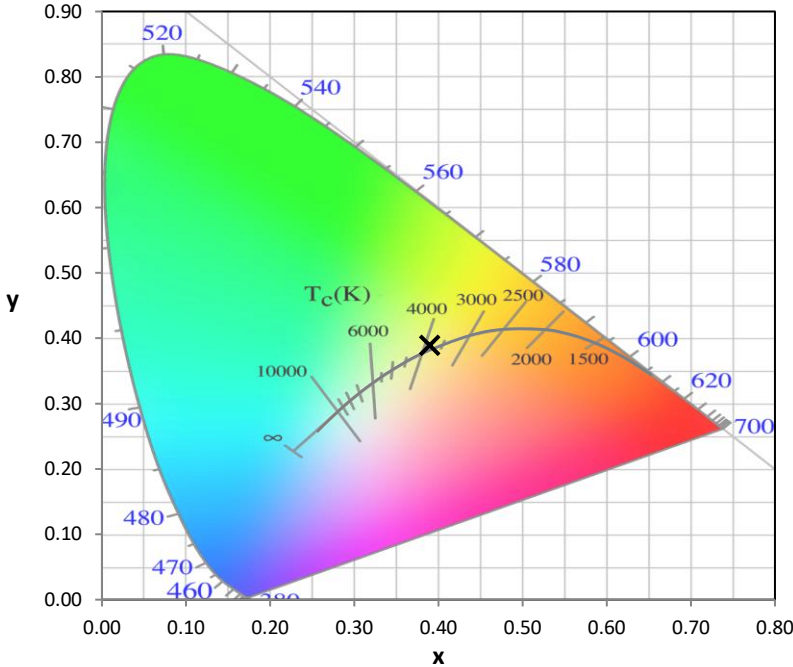
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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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			

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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			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

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			

Summary

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



Color Vector Graphics

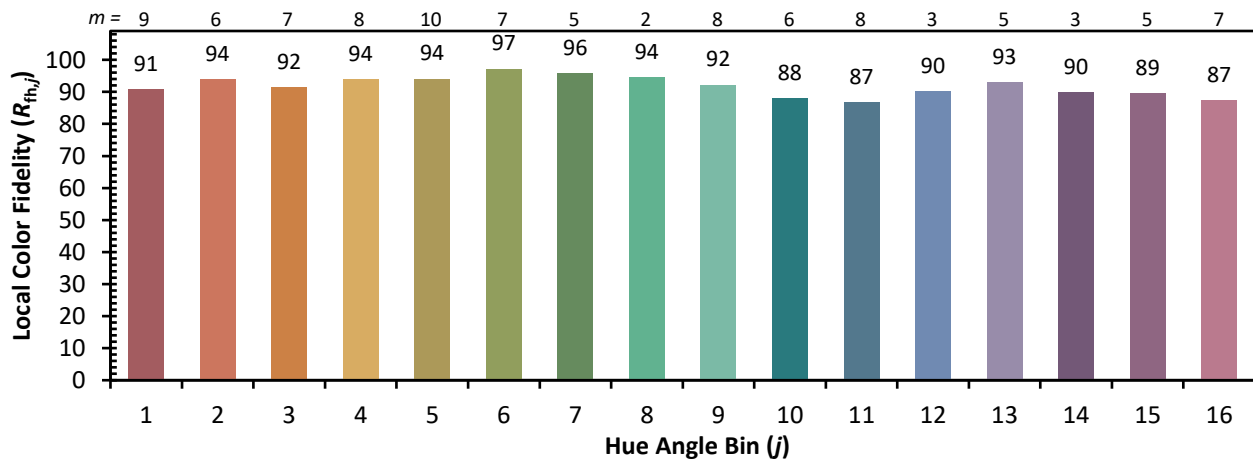
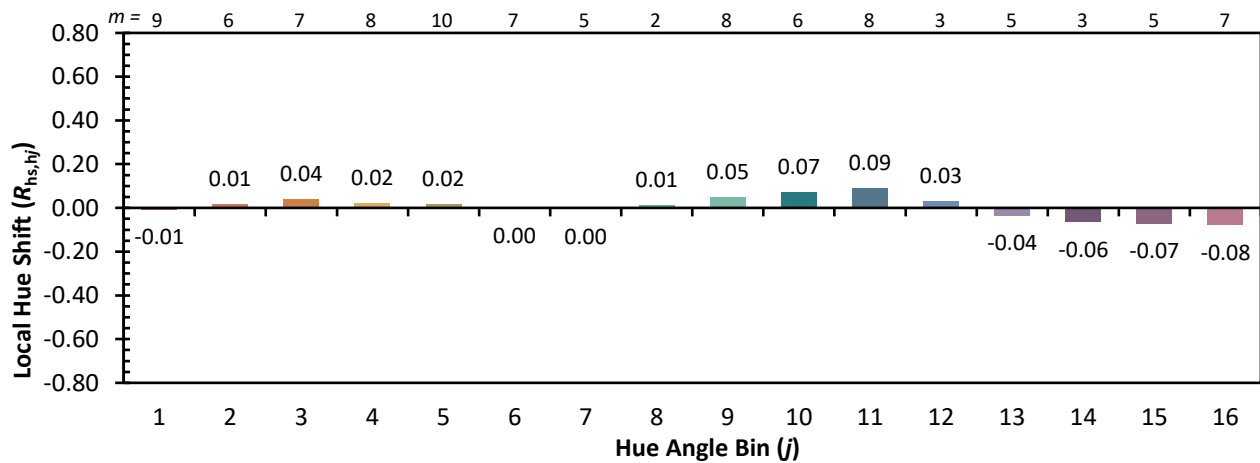


Individual Sample Fidelity Index ($R_{f,i}$)

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)