

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: P1456959

Luminaire Tested: GLAN-SB5A-722-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456959
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB5A-722-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square
PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (130) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18323.6 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

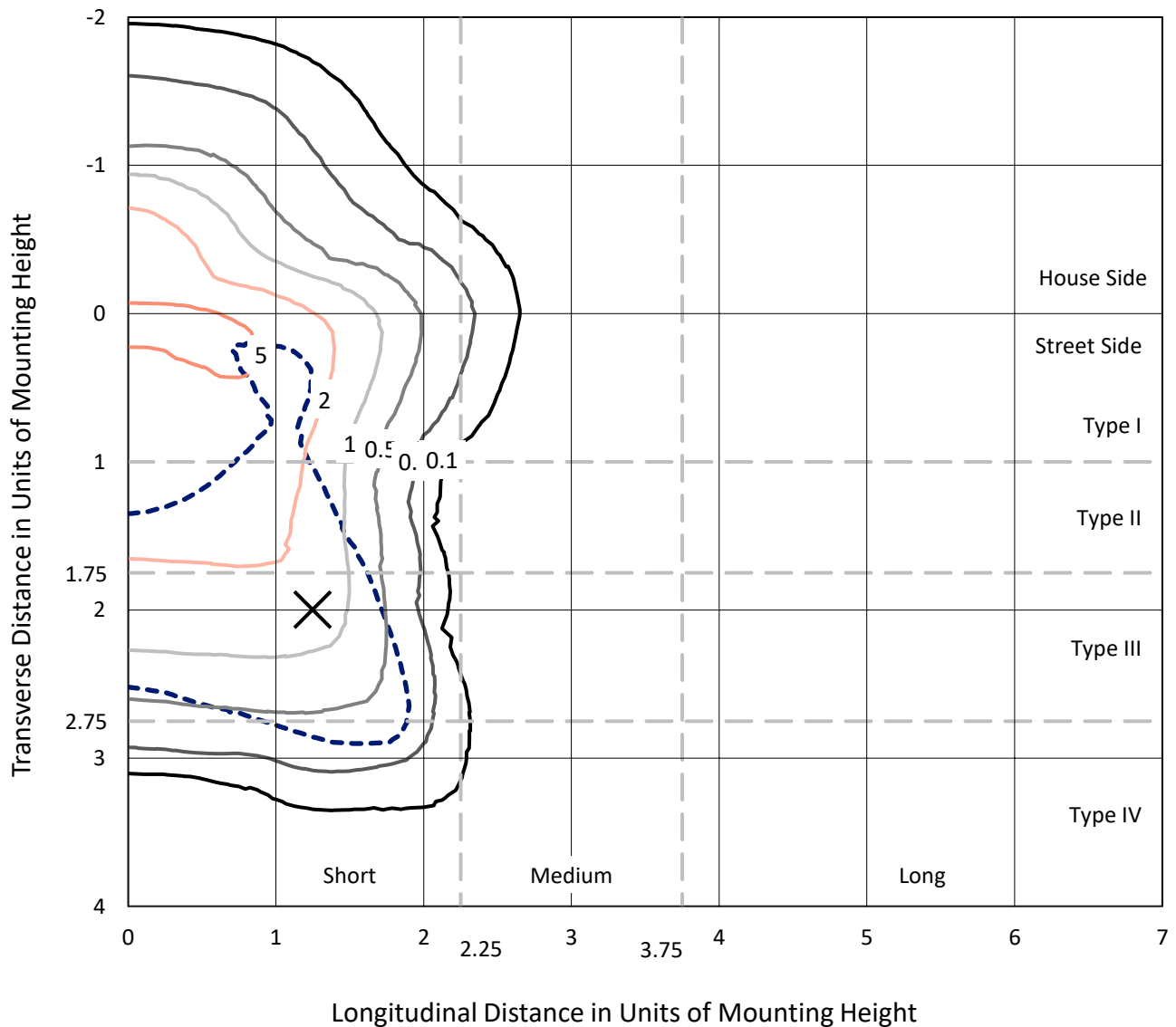
Input Watts (W): 141.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

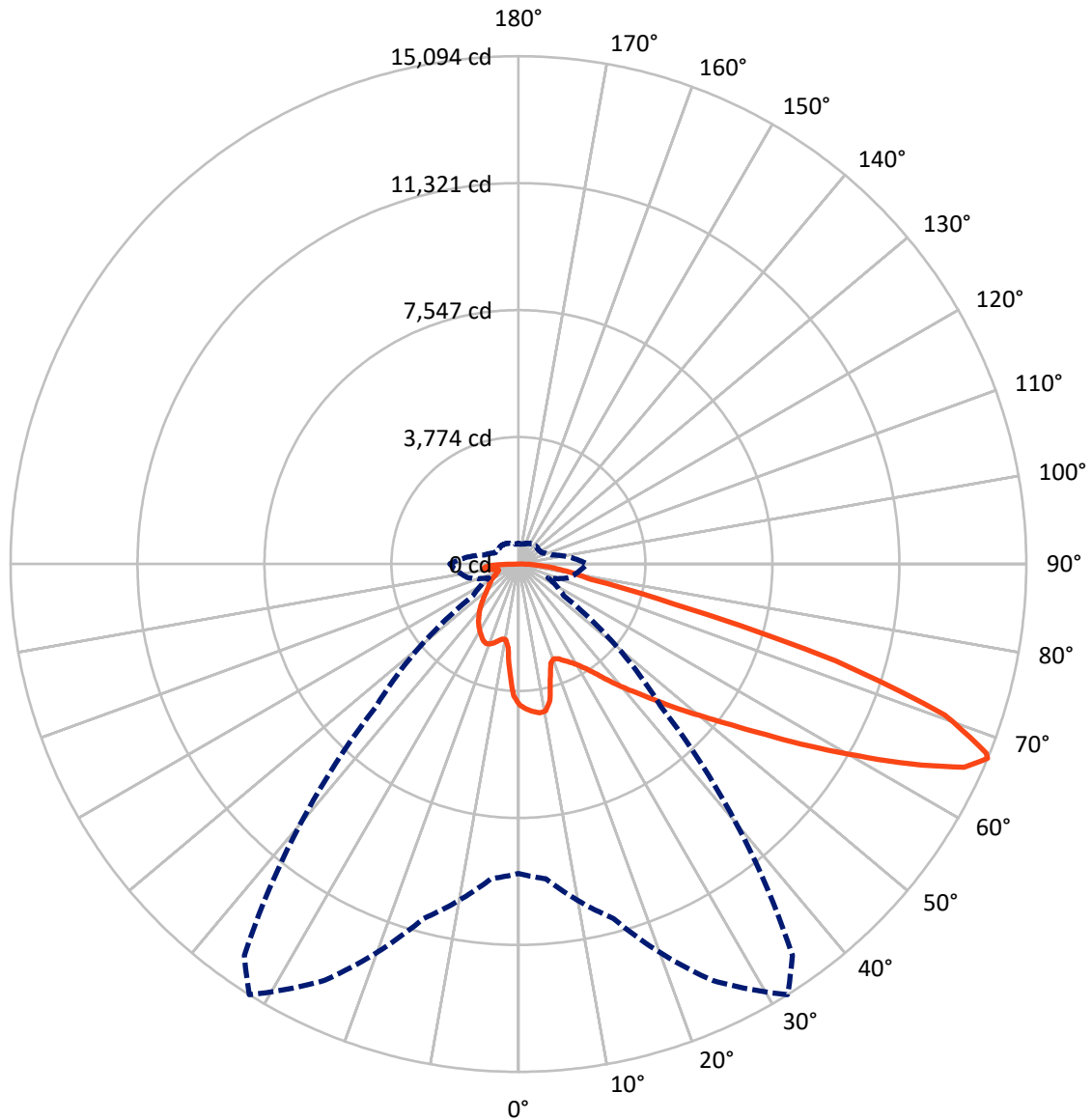


Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4338.0	0.0	4338.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	13985.5	0.0	13985.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	18323.6	0.0	18323.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	365.8	2.0
10°-20°	971.2	5.3
20°-30°	1586.1	8.7
30°-40°	2337.7	12.8
40°-50°	3223.9	17.6
50°-60°	4072.7	22.2
60°-70°	3941.6	21.5
70°-80°	1406.7	7.7
80°-90°	417.7	2.3
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°	18323.6	100.0
0°-180°	18323.6	100.0



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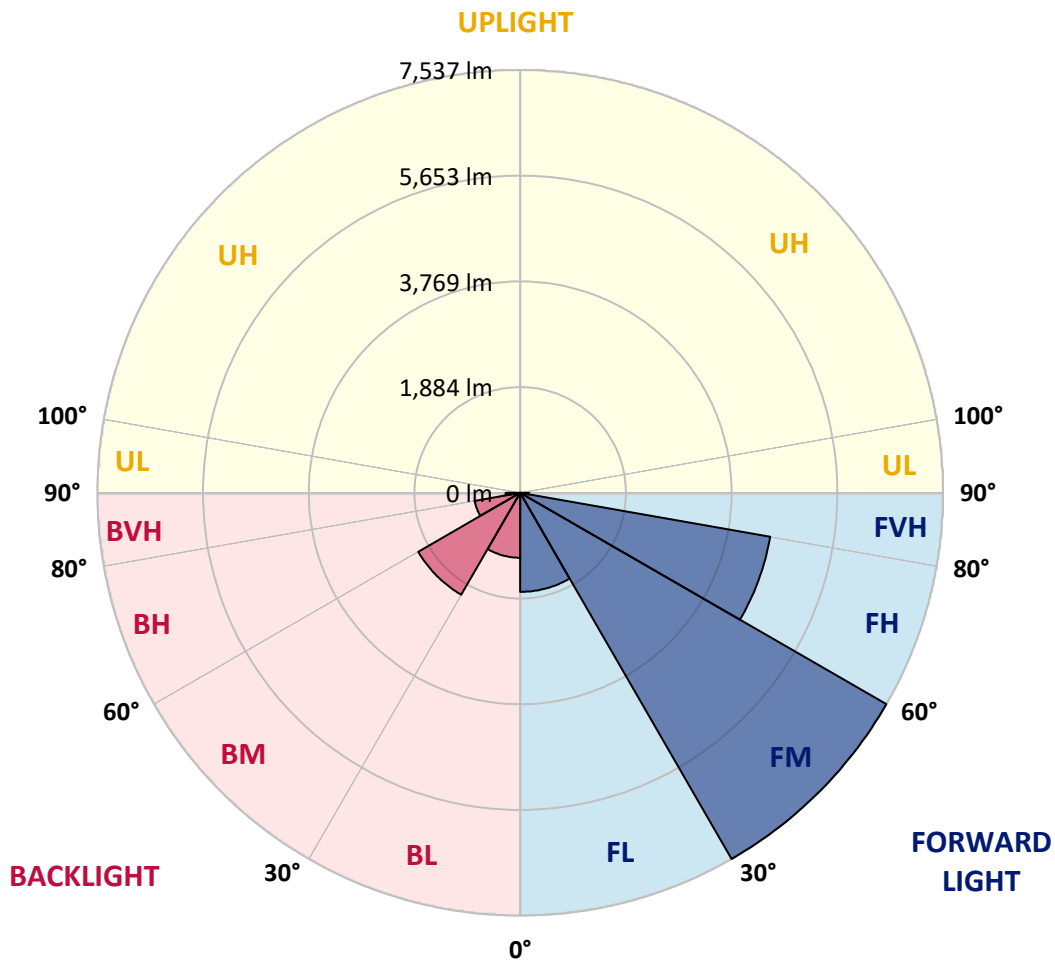
CATALOG NUMBER: GLAN-SB5A-722-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1765.5	9.6			
FM	(30°-60°)	7537.1	41.1			
FH	(60°-80°)	4525.5	24.7			G2/5000
FVH	(80°-90°)	157.4	0.9			G2/225
BL	(0°-30°)	1157.6	6.3	B3/2500		
BM	(30°-60°)	2097.2	11.4	B2/2500		
BH	(60°-80°)	822.9	4.5	B2/1000		G2/1000
BVH	(80°-90°)	260.3	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6
2.5°	4345.2	4333.0	4320.8	4329.0	4312.7	4308.6	4288.3	4280.1	4255.7	4251.7	4206.9
5°	4434.7	4410.3	4406.3	4414.4	4398.1	4398.1	4381.9	4369.6	4333.0	4312.7	4247.6
7.5°	4434.7	4430.7	4438.8	4467.3	4471.4	4471.4	4471.4	4475.4	4438.8	4410.3	4308.6
10°	4182.5	4141.8	4231.3	4373.7	4442.9	4483.6	4556.8	4601.6	4573.1	4552.7	4414.4
12.5°	3429.8	3433.9	3576.3	3881.4	4158.1	4276.1	4581.2	4744.0	4756.2	4723.6	4548.7
15°	2909.0	2929.4	3002.6	3222.3	3539.7	3714.6	4438.8	4870.1	4967.7	4935.2	4711.4
17.5°	2750.4	2762.6	2795.1	2921.2	3100.3	3242.7	4052.3	4951.5	5224.1	5183.4	4894.5
20°	2725.9	2734.1	2774.8	2880.6	3002.6	3084.0	3657.6	4886.4	5464.1	5447.8	5061.3
22.5°	2730.0	2738.2	2791.0	2937.5	3063.6	3132.8	3531.5	4735.8	5716.3	5732.6	5232.2
25°	2738.2	2742.2	2823.6	3018.9	3177.6	3263.0	3612.9	4601.6	5927.9	6066.2	5419.3
27.5°	2782.9	2795.1	2905.0	3124.7	3311.8	3409.5	3804.1	4646.3	6159.8	6444.6	5643.1
30°	2905.0	2913.1	3047.4	3275.2	3478.6	3580.3	4032.0	4825.3	6444.6	6835.2	5862.8
32.5°	3096.2	3104.3	3258.9	3494.9	3714.6	3836.7	4329.0	5167.1	6762.0	7246.1	6082.5
35°	3360.6	3364.7	3539.7	3791.9	4023.8	4162.2	4674.8	5553.6	7091.5	7596.0	6245.3
37.5°	3673.9	3702.4	3881.4	4145.9	4418.5	4544.6	5081.7	6005.2	7384.5	7893.0	6338.8
40°	4105.2	4113.3	4288.3	4544.6	4833.5	4955.5	5488.5	6432.4	7705.9	8068.0	6424.3
42.5°	4548.7	4617.8	4764.3	5049.1	5264.7	5362.4	5952.3	6823.0	7962.2	8076.1	6387.7
45°	5142.7	5195.6	5342.0	5594.3	5809.9	5923.8	6452.8	7181.0	8092.4	8007.0	6306.3
47.5°	5822.1	5854.7	5972.7	6200.5	6440.6	6521.9	6973.5	7384.5	8141.2	7958.1	6269.7
50°	6623.6	6623.6	6709.1	6904.4	7124.1	7238.0	7453.6	7506.5	8283.6	7872.7	6363.3
52.5°	7299.0	7331.6	7445.5	7722.2	7941.9	8072.1	7827.9	7693.7	7994.8	7396.7	6391.7
55°	7945.9	7982.5	8238.9	8584.7	8959.0	9101.4	8295.8	7600.1	7022.4	6700.9	6196.4
57.5°	8564.4	8641.7	8963.1	9638.5	10204.0	10191.8	8889.8	6762.0	5732.6	5932.0	5769.2
60°	9426.9	9508.3	10020.9	10871.2	11562.9	11274.0	8898.0	5626.8	4467.3	4735.8	4967.7
62.5°	10147.0	10285.4	11038.0	12453.9	13088.6	12637.0	8161.6	4308.6	2966.0	3303.7	3840.7
65°	10081.9	10265.0	11432.7	13617.5	14565.5	14146.4	7083.4	2725.9	1529.8	2258.1	2689.3
67°	9195.0	9394.3	10907.9	13658.2	15094.4	14199.3	5980.8	1647.8	972.4	1566.4	1867.5
67.5°	8686.4	8979.3	10647.5	13580.9	14996.8	13975.6	5484.4	1379.2	915.4	1456.5	1700.7
70°	5342.0	5814.0	7990.7	12006.4	13442.6	11697.2	3047.4	781.2	744.5	976.5	1175.8
72.5°	1607.1	1749.5	3084.0	7701.8	9866.3	8670.1	1371.1	602.1	667.2	785.2	907.3
75°	781.2	834.1	1273.5	3149.1	4805.0	4780.6	764.9	516.7	618.4	659.1	716.1
77.5°	500.4	533.0	793.4	1761.7	2201.1	1961.1	553.3	451.6	549.3	541.1	533.0
80°	313.3	329.6	508.6	1021.2	1623.4	1354.8	406.9	370.2	472.0	419.1	378.4
82.5°	203.4	223.8	325.5	622.5	1159.5	1009.0	268.5	264.5	390.6	333.6	292.9
85°	134.3	150.5	207.5	366.2	687.6	720.1	174.9	183.1	301.1	252.3	223.8
87.5°	48.8	61.0	105.8	162.7	321.4	398.7	73.2	69.2	146.5	118.0	93.6
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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CATALOG NUMBER: GLAN-SB5A-722-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6	4186.6
2.5°	4198.8	4186.6	4129.6	4080.8	4044.2	3995.3	3942.4	3881.4	3840.7	3848.9	3836.7
5°	4219.1	4186.6	4076.7	3909.9	3747.2	3543.7	3283.3	3128.7	3010.7	2949.7	2966.0
7.5°	4263.9	4206.9	3975.0	3637.3	3214.2	2799.2	2542.9	2396.4	2327.2	2298.7	2294.7
10°	4341.2	4243.5	3844.8	3214.2	2660.8	2380.1	2286.5	2245.9	2237.7	2237.7	2233.6
12.5°	4434.7	4280.1	3625.1	2803.2	2396.4	2294.7	2278.4	2282.5	2294.7	2306.9	2286.5
15°	4548.7	4296.4	3352.5	2555.1	2343.5	2319.1	2343.5	2372.0	2392.3	2408.6	2388.3
17.5°	4662.6	4280.1	3096.2	2437.1	2351.6	2384.2	2433.0	2477.8	2490.0	2514.4	2498.1
20°	4744.0	4223.2	2876.5	2392.3	2372.0	2445.2	2506.2	2555.1	2579.5	2595.8	2579.5
22.5°	4805.0	4149.9	2717.8	2347.6	2372.0	2461.5	2534.7	2591.7	2620.2	2636.4	2616.1
25°	4857.9	4048.2	2595.8	2282.5	2323.2	2408.6	2490.0	2546.9	2587.6	2612.0	2599.8
27.5°	4923.0	3966.9	2481.8	2184.8	2221.4	2302.8	2388.3	2457.4	2534.7	2575.4	2567.3
30°	4996.2	3926.2	2372.0	2079.0	2103.5	2184.8	2286.5	2380.1	2485.9	2538.8	2538.8
32.5°	5081.7	3897.7	2270.3	1977.3	1997.7	2087.2	2184.8	2270.3	2384.2	2469.6	2465.6
35°	5118.3	3865.1	2188.9	1883.8	1924.4	1997.7	2075.0	2131.9	2249.9	2351.6	2359.8
37.5°	5154.9	3852.9	2148.2	1810.5	1843.1	1900.0	1940.7	1969.2	2079.0	2184.8	2188.9
40°	5199.6	3909.9	2176.7	1761.7	1733.2	1790.2	1810.5	1826.8	1883.8	1952.9	1952.9
42.5°	5171.2	3950.6	2241.8	1716.9	1599.0	1664.0	1672.2	1668.1	1672.2	1676.3	1672.2
45°	5097.9	3909.9	2241.8	1647.8	1456.5	1525.7	1521.6	1501.3	1468.8	1383.3	1371.1
47.5°	5081.7	3885.5	2156.3	1533.9	1314.1	1371.1	1379.2	1338.6	1245.0	1155.5	1127.0
50°	5150.8	3930.2	2022.1	1395.5	1192.1	1240.9	1261.3	1192.1	1086.3	992.7	976.5
52.5°	5252.5	3987.2	1826.8	1245.0	1090.4	1139.2	1163.6	1086.3	976.5	903.2	895.1
55°	5240.3	3987.2	1607.1	1106.7	1013.1	1049.7	1090.4	1009.0	923.6	882.9	878.8
57.5°	4975.9	3836.7	1444.3	1009.0	939.8	972.4	1025.3	948.0	866.6	874.7	886.9
60°	4459.2	3446.1	1322.3	943.9	874.7	907.3	964.3	874.7	769.0	740.5	740.5
62.5°	3673.9	2839.9	1224.6	878.8	813.7	854.4	882.9	764.9	695.7	663.2	663.2
65°	2754.4	2197.0	1122.9	825.9	760.8	805.6	773.0	716.1	646.9	622.5	626.6
67°	2042.4	1704.7	1037.5	781.2	728.3	748.6	724.2	683.5	614.4	594.0	614.4
67.5°	1834.9	1619.3	1017.1	769.0	720.1	736.4	712.0	679.5	606.2	585.9	606.2
70°	1261.3	1245.0	907.3	712.0	675.4	659.1	671.3	630.6	569.6	561.5	581.8
72.5°	960.2	992.7	813.7	663.2	626.6	606.2	634.7	594.0	533.0	545.2	565.5
75°	752.7	801.5	728.3	594.0	569.6	573.7	630.6	614.4	565.5	577.7	581.8
77.5°	557.4	646.9	622.5	516.7	496.4	553.3	712.0	760.8	675.4	655.0	626.6
80°	406.9	463.8	524.8	427.2	415.0	533.0	878.8	972.4	834.1	752.7	732.3
82.5°	301.1	325.5	431.3	341.8	301.1	476.0	976.5	1143.3	992.7	838.1	813.7
85°	215.6	252.3	341.8	252.3	199.4	390.6	956.1	1118.9	984.6	793.4	773.0
87.5°	77.3	109.9	146.5	113.9	101.7	268.5	789.3	805.6	614.4	280.7	284.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K): 2160
 CIE u': 0.2927
 CIE v': 0.5388
 Duv: 0.0015
 CIE x: 0.5130
 CIE y: 0.4197
 CIE z: 0.0674
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 587
 Purity: 79.96089
 Rf: 70.6
 Rg: 97.6

CRI (Ra):	71.9		
R1:	68.7	R9:	-17.8
R2:	82.6	R10:	60.5
R3:	95.5	R11:	60.2
R4:	66.4	R12:	48.2
R5:	65.4	R13:	70.7
R6:	75.9	R14:	96.8
R7:	77.2	R15:	61.8
R8:	43.5		



Test Conditions

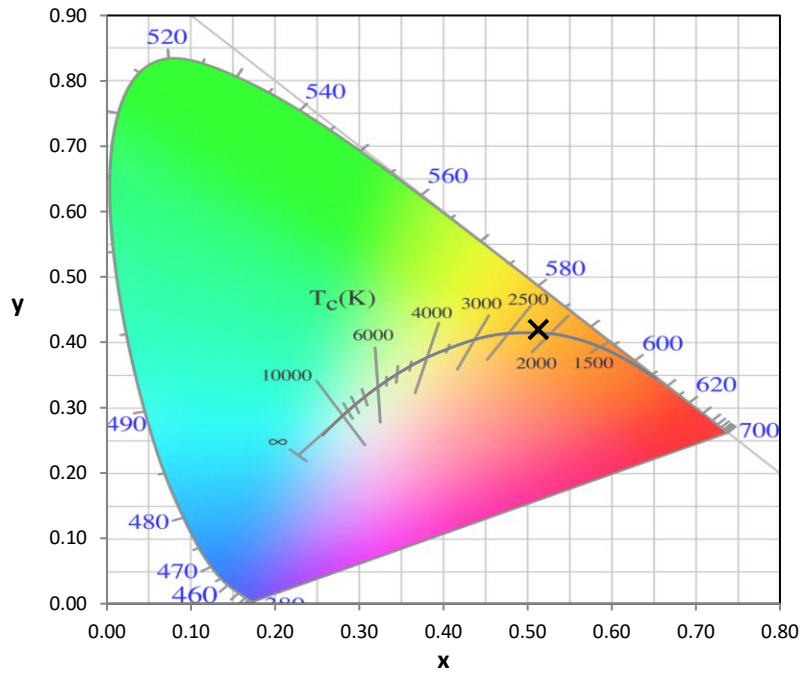
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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 2200K 7-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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

Summary

$R_f = 70.6$
 $R_g = 97.6$
 CIE $R_a = 71.9$
 $R_9 = -17.8$

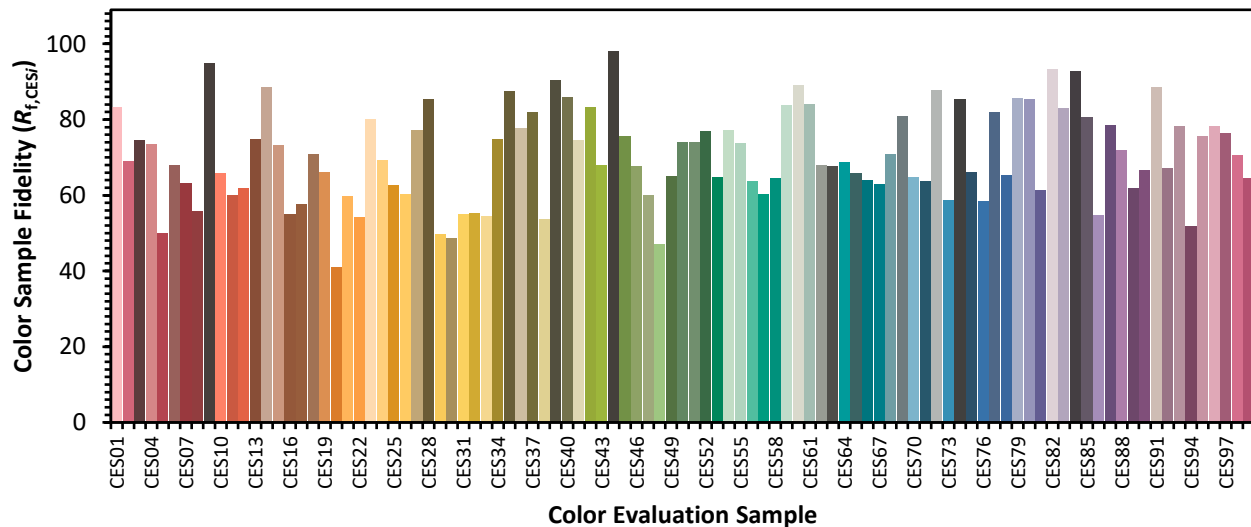


Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)