

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: P1457027

Luminaire Tested: GLAN-SB4A-730-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457027
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4A-730-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square
PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (104) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17590.5 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

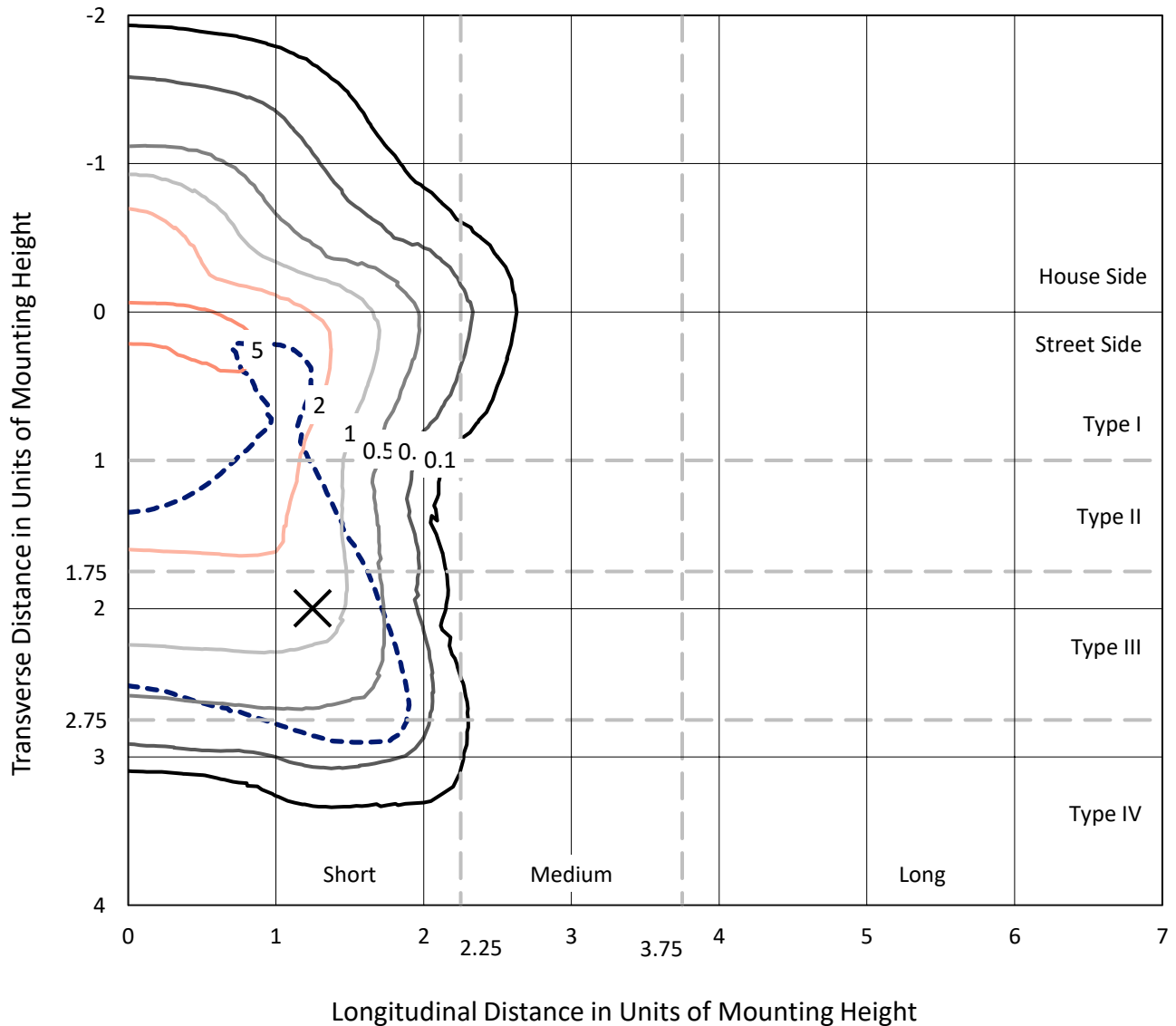
Input Watts (W): 114
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1457027

CATALOG NUMBER: GLAN-SB4A-730-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

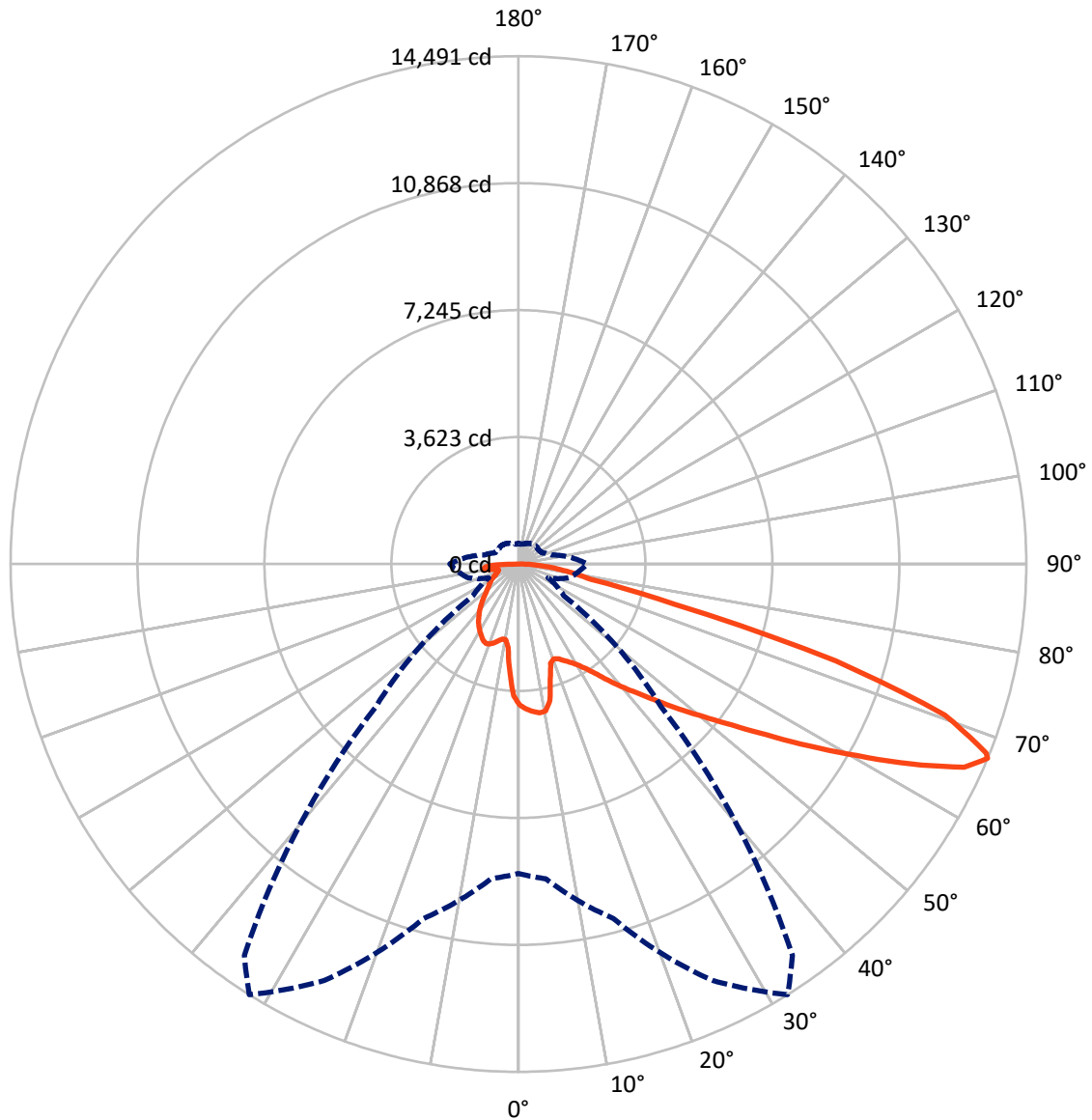


Based on 25 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P1457027

CATALOG NUMBER: GLAN-SB4A-730-U-T4LG

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1457027

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4164.5	0.0	4164.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	13426.0	0.0	13426.0
	% Fixture	76.3	0.0	76.3
Total	Lumens	17590.5	0.0	17590.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.2	2.0
10°-20°	932.4	5.3
20°-30°	1522.6	8.7
30°-40°	2244.2	12.8
40°-50°	3094.9	17.6
50°-60°	3909.8	22.2
60°-70°	3784.0	21.5
70°-80°	1350.5	7.7
80°-90°	401.0	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°	17590.5	100.0
0°-180°	17590.5	100.0



REPORT NUMBER: P1457027

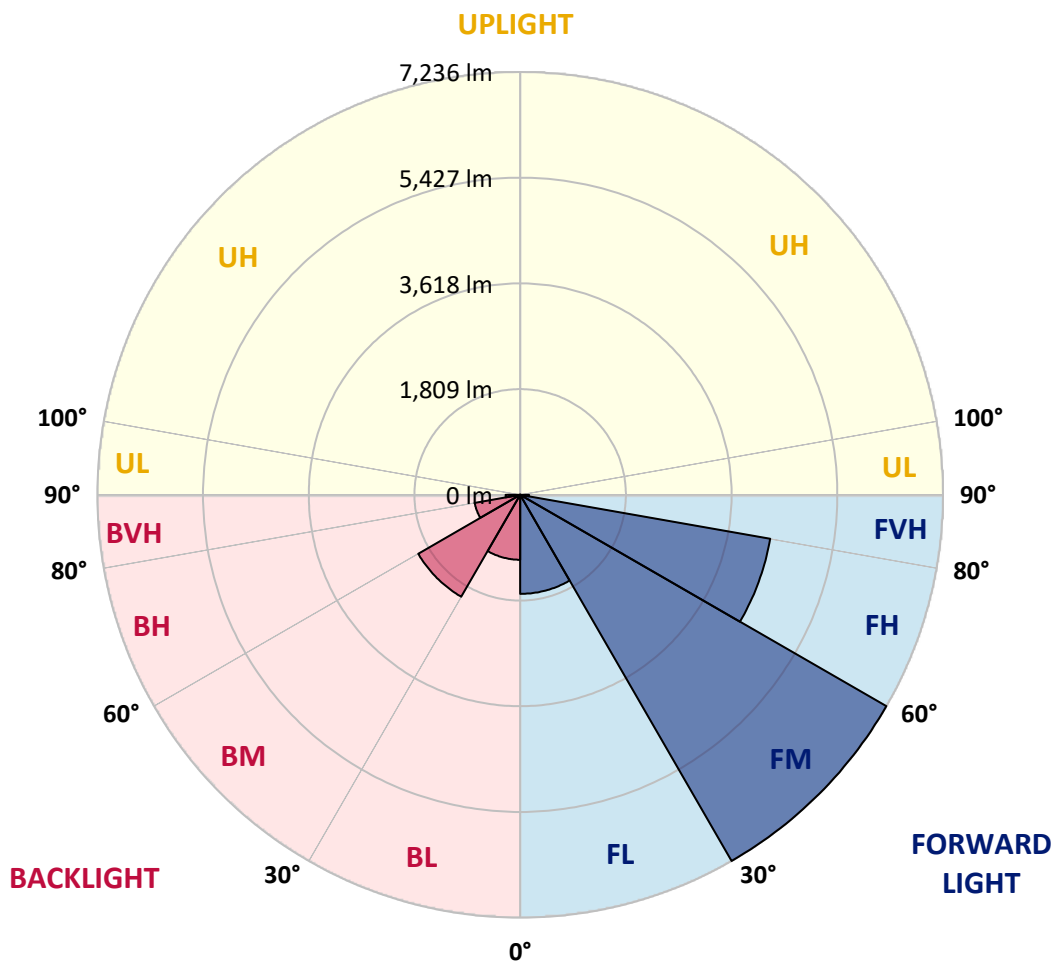
CATALOG NUMBER: GLAN-SB4A-730-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1694.9	9.6			
FM	(30°-60°)	7235.5	41.1			
FH	(60°-80°)	4344.5	24.7			G2/5000
FVH	(80°-90°)	151.1	0.9			G2/225
BL	(0°-30°)	1111.3	6.3	B3/2500		
BM	(30°-60°)	2013.4	11.4	B2/2500		
BH	(60°-80°)	789.9	4.5	B2/1000		G2/1000
BVH	(80°-90°)	249.9	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





REPORT NUMBER: P1457027

CATALOG NUMBER: GLAN-SB4A-730-U-T4LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1
2.5°	4171.4	4159.7	4148.0	4155.8	4140.2	4136.3	4116.7	4108.9	4085.5	4081.6	4038.6
5°	4257.3	4233.9	4230.0	4237.8	4222.2	4222.2	4206.6	4194.8	4159.7	4140.2	4077.7
7.5°	4257.3	4253.4	4261.2	4288.6	4292.5	4292.5	4292.5	4296.4	4261.2	4233.9	4136.3
10°	4015.2	3976.1	4062.0	4198.8	4265.2	4304.2	4374.5	4417.5	4390.1	4370.6	4237.8
12.5°	3292.6	3296.5	3433.2	3726.1	3991.7	4105.0	4397.9	4554.2	4565.9	4534.7	4366.7
15°	2792.7	2812.2	2882.5	3093.4	3398.1	3566.0	4261.2	4675.3	4769.0	4737.8	4522.9
17.5°	2640.3	2652.0	2683.3	2804.4	2976.2	3112.9	3890.2	4753.4	5015.1	4976.0	4698.7
20°	2616.9	2624.7	2663.8	2765.3	2882.5	2960.6	3511.3	4690.9	5245.5	5229.9	4858.8
22.5°	2620.8	2628.6	2679.4	2820.0	2941.1	3007.5	3390.2	4546.4	5487.7	5503.3	5022.9
25°	2628.6	2632.5	2710.6	2898.1	3050.4	3132.5	3468.4	4417.5	5690.8	5823.6	5202.5
27.5°	2671.6	2683.3	2788.8	2999.7	3179.3	3273.1	3651.9	4460.4	5913.4	6186.8	5417.4
30°	2788.8	2796.6	2925.5	3144.2	3339.5	3437.1	3870.7	4632.3	6186.8	6561.8	5628.3
32.5°	2972.3	2980.1	3128.6	3355.1	3566.0	3683.2	4155.8	4960.4	6491.5	6956.3	5839.2
35°	3226.2	3230.1	3398.1	3640.2	3862.9	3995.6	4487.8	5331.4	6807.8	7292.2	5995.4
37.5°	3527.0	3554.3	3726.1	3980.0	4241.7	4362.8	4878.4	5765.0	7089.1	7577.3	6085.3
40°	3941.0	3948.8	4116.7	4362.8	4640.1	4757.3	5268.9	6175.1	7397.6	7745.2	6167.3
42.5°	4366.7	4433.1	4573.7	4847.1	5054.1	5147.9	5714.2	6550.1	7643.7	7753.0	6132.1
45°	4937.0	4987.7	5128.3	5370.5	5577.5	5686.9	6194.6	6893.8	7768.7	7686.6	6054.0
47.5°	5589.2	5620.5	5733.7	5952.5	6182.9	6261.0	6694.6	7089.1	7815.5	7639.8	6018.9
50°	6358.7	6358.7	6440.7	6628.2	6839.1	6948.4	7155.5	7206.2	7952.2	7557.8	6108.7
52.5°	7007.0	7038.3	7147.6	7413.2	7624.2	7749.1	7514.8	7385.9	7674.9	7100.8	6136.0
55°	7628.1	7663.2	7909.3	8241.3	8600.6	8737.3	7964.0	7296.1	6741.4	6432.9	5948.6
57.5°	8221.7	8296.0	8604.5	9252.9	9795.8	9784.1	8534.2	6491.5	5503.3	5694.7	5538.4
60°	9049.8	9127.9	9620.0	10436.3	11100.3	10823.0	8542.0	5401.7	4288.6	4546.4	4769.0
62.5°	9741.1	9873.9	10596.5	11955.7	12565.0	12131.5	7835.1	4136.3	2847.3	3171.5	3687.1
65°	9678.6	9854.4	10975.3	13072.8	13982.8	13580.5	6800.0	2616.9	1468.6	2167.7	2581.7
67°	8827.1	9018.5	10471.5	13111.8	14490.6	13631.3	5741.5	1581.9	933.5	1503.7	1792.8
67.5°	8338.9	8620.1	10221.5	13037.6	14396.8	13416.5	5265.0	1324.1	878.8	1398.3	1632.6
70°	5128.3	5581.4	7671.0	11526.1	12904.8	11229.2	2925.5	749.9	714.8	937.4	1128.8
72.5°	1542.8	1679.5	2960.6	7393.7	9471.6	8323.3	1316.3	578.1	640.6	753.8	871.0
75°	749.9	800.7	1222.5	3023.1	4612.8	4589.3	734.3	496.0	593.7	632.7	687.4
77.5°	480.4	511.7	761.6	1691.2	2113.0	1882.6	531.2	433.5	527.3	519.5	511.7
80°	300.7	316.4	488.2	980.4	1558.4	1300.6	390.6	355.4	453.1	402.3	363.2
82.5°	195.3	214.8	312.5	597.6	1113.2	968.6	257.8	253.9	375.0	320.3	281.2
85°	128.9	144.5	199.2	351.5	660.1	691.3	168.0	175.8	289.0	242.2	214.8
87.5°	46.9	58.6	101.6	156.2	308.6	382.8	70.3	66.4	140.6	113.3	89.8
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: P1457027

CATALOG NUMBER: GLAN-SB4A-730-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1	4019.1
2.5°	4030.8	4019.1	3964.4	3917.5	3882.4	3835.5	3784.7	3726.1	3687.1	3694.9	3683.2
5°	4050.3	4019.1	3913.6	3753.5	3597.3	3402.0	3152.0	3003.6	2890.3	2831.7	2847.3
7.5°	4093.3	4038.6	3816.0	3491.8	3085.6	2687.2	2441.1	2300.5	2234.1	2206.8	2202.9
10°	4167.5	4073.8	3691.0	3085.6	2554.4	2284.9	2195.1	2156.0	2148.2	2148.2	2144.3
12.5°	4257.3	4108.9	3480.1	2691.1	2300.5	2202.9	2187.3	2191.2	2202.9	2214.6	2195.1
15°	4366.7	4124.5	3218.4	2452.9	2249.8	2226.3	2249.8	2277.1	2296.6	2312.2	2292.7
17.5°	4476.1	4108.9	2972.3	2339.6	2257.6	2288.8	2335.7	2378.6	2390.4	2413.8	2398.2
20°	4554.2	4054.2	2761.4	2296.6	2277.1	2347.4	2406.0	2452.9	2476.3	2491.9	2476.3
22.5°	4612.8	3983.9	2609.1	2253.7	2277.1	2363.0	2433.3	2488.0	2515.3	2531.0	2511.4
25°	4663.5	3886.3	2491.9	2191.2	2230.2	2312.2	2390.4	2445.0	2484.1	2507.5	2495.8
27.5°	4726.0	3808.2	2382.5	2097.4	2132.6	2210.7	2292.7	2359.1	2433.3	2472.4	2464.6
30°	4796.3	3769.1	2277.1	1995.9	2019.3	2097.4	2195.1	2284.9	2386.5	2437.2	2437.2
32.5°	4878.4	3741.8	2179.4	1898.2	1917.8	2003.7	2097.4	2179.4	2288.8	2370.8	2366.9
35°	4913.5	3710.5	2101.3	1808.4	1847.5	1917.8	1992.0	2046.6	2159.9	2257.6	2265.4
37.5°	4948.7	3698.8	2062.3	1738.1	1769.3	1824.0	1863.1	1890.4	1995.9	2097.4	2101.3
40°	4991.6	3753.5	2089.6	1691.2	1663.9	1718.6	1738.1	1753.7	1808.4	1874.8	1874.8
42.5°	4964.3	3792.5	2152.1	1648.3	1535.0	1597.5	1605.3	1601.4	1605.3	1609.2	1605.3
45°	4894.0	3753.5	2152.1	1581.9	1398.3	1464.7	1460.8	1441.2	1410.0	1328.0	1316.3
47.5°	4878.4	3730.1	2070.1	1472.5	1261.6	1316.3	1324.1	1285.0	1195.2	1109.3	1081.9
50°	4944.8	3773.0	1941.2	1339.7	1144.4	1191.3	1210.8	1144.4	1042.9	953.0	937.4
52.5°	5042.4	3827.7	1753.7	1195.2	1046.8	1093.6	1117.1	1042.9	937.4	867.1	859.3
55°	5030.7	3827.7	1542.8	1062.4	972.5	1007.7	1046.8	968.6	886.6	847.6	843.7
57.5°	4776.8	3683.2	1386.6	968.6	902.2	933.5	984.3	910.1	831.9	839.8	851.5
60°	4280.8	3308.2	1269.4	906.1	839.8	871.0	925.7	839.8	738.2	710.9	710.9
62.5°	3527.0	2726.3	1175.7	843.7	781.2	820.2	847.6	734.3	667.9	636.6	636.6
65°	2644.2	2109.1	1078.0	792.9	730.4	773.4	742.1	687.4	621.0	597.6	601.5
67°	1960.7	1636.5	996.0	749.9	699.1	718.7	695.2	656.2	589.8	570.2	589.8
67.5°	1761.5	1554.5	976.5	738.2	691.3	707.0	683.5	652.3	582.0	562.4	582.0
70°	1210.8	1195.2	871.0	683.5	648.4	632.7	644.5	605.4	546.8	539.0	558.5
72.5°	921.8	953.0	781.2	636.6	601.5	582.0	609.3	570.2	511.7	523.4	542.9
75°	722.6	769.4	699.1	570.2	546.8	550.7	605.4	589.8	542.9	554.6	558.5
77.5°	535.1	621.0	597.6	496.0	476.5	531.2	683.5	730.4	648.4	628.8	601.5
80°	390.6	445.3	503.9	410.1	398.4	511.7	843.7	933.5	800.7	722.6	703.0
82.5°	289.0	312.5	414.0	328.1	289.0	457.0	937.4	1097.5	953.0	804.6	781.2
85°	207.0	242.2	328.1	242.2	191.4	375.0	917.9	1074.1	945.2	761.6	742.1
87.5°	74.2	105.5	140.6	109.4	97.6	257.8	757.7	773.4	589.8	269.5	273.4
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u': 0.2504
 CIE v': 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 Rf: 73.8
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



Test Conditions

Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

Summary

$R_f = 73.8$
 $R_g = 94.4$
 CIE $R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics

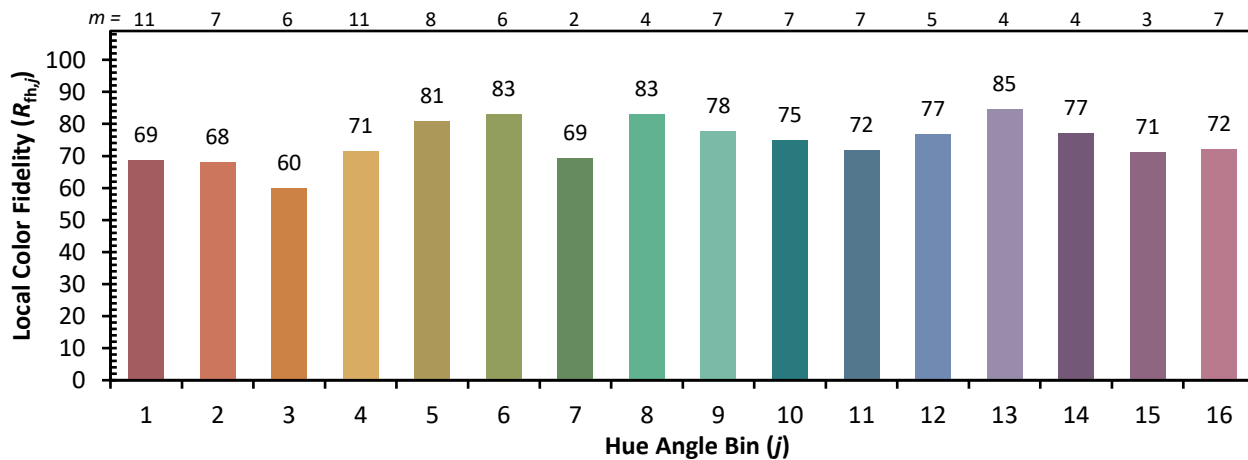


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)