

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

Cooper Lighting Solutions Photometric Lab
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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: P1458191

Luminaire Tested: GLAN-SB7A-730-U-T3LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458191
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB7A-730-U-T3LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 7xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (182) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

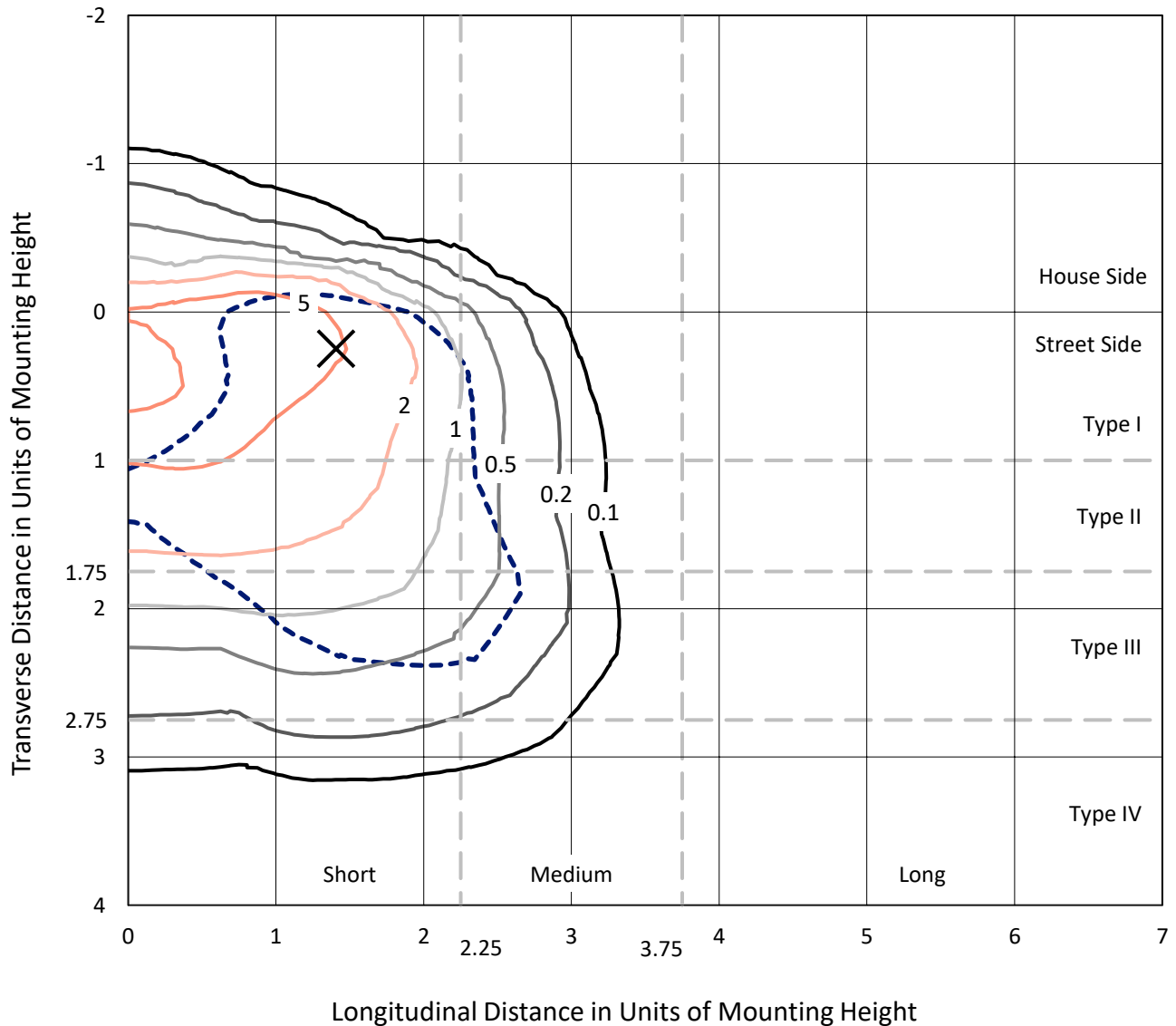
Lumens per Lamp: N/A
Luminaire Lumens: 24377.3 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 199.1
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: P1458191
 CATALOG NUMBER: GLAN-SB7A-730-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

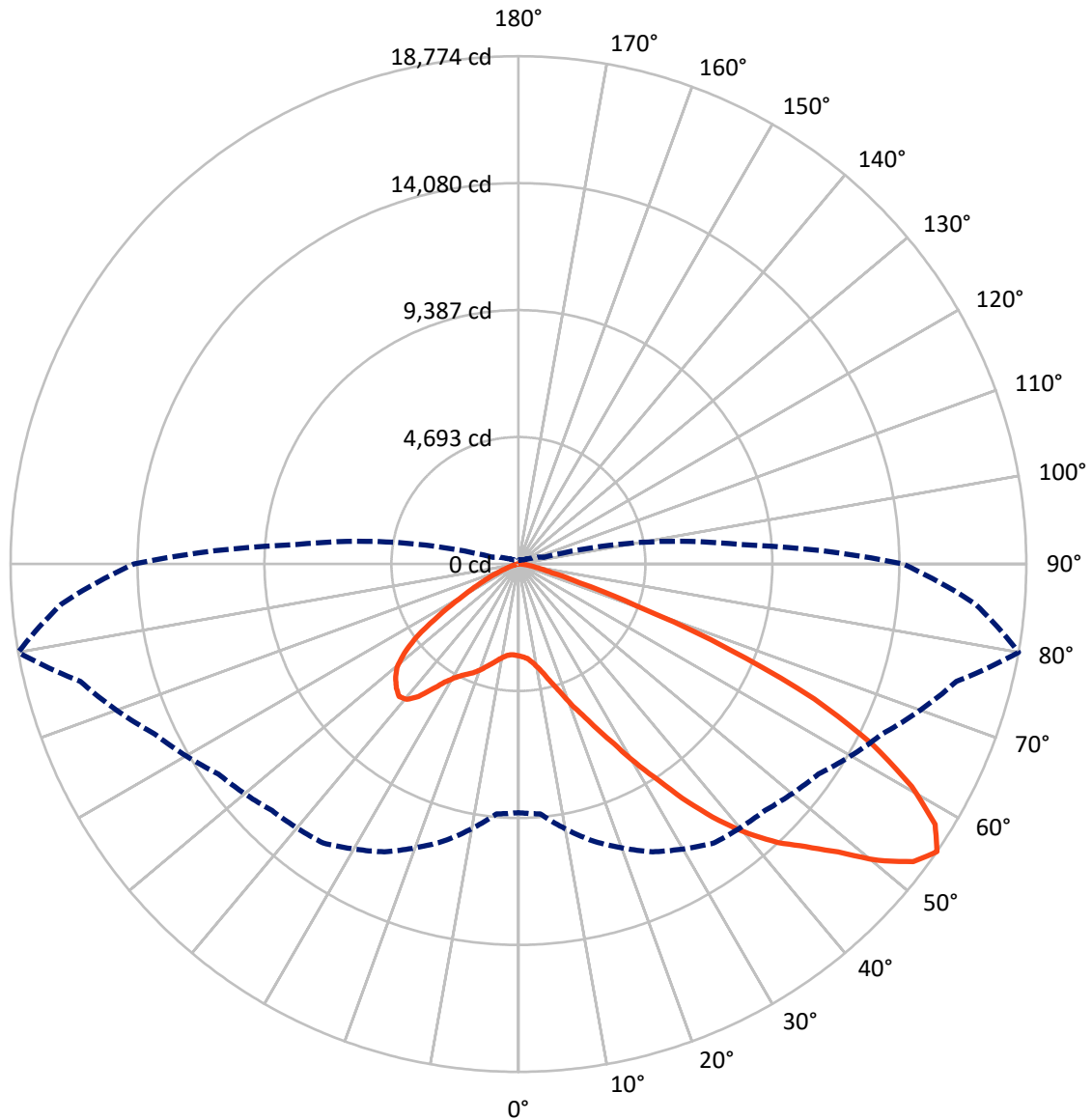
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SB7A-730-U-T3LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2963.3	0.0	2963.3
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	21414.0	0.0	21414.0
	% Fixture	87.8	0.0	87.8
Total	Lumens	24377.3	0.0	24377.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.0	1.2
10°-20°	751.3	3.1
20°-30°	1470.8	6.0
30°-40°	2992.2	12.3
40°-50°	5044.5	20.7
50°-60°	6445.3	26.4
60°-70°	5502.8	22.6
70°-80°	1758.5	7.2
80°-90°	127.0	0.5
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°	24377.3	100.0
0°-180°	24377.3	100.0



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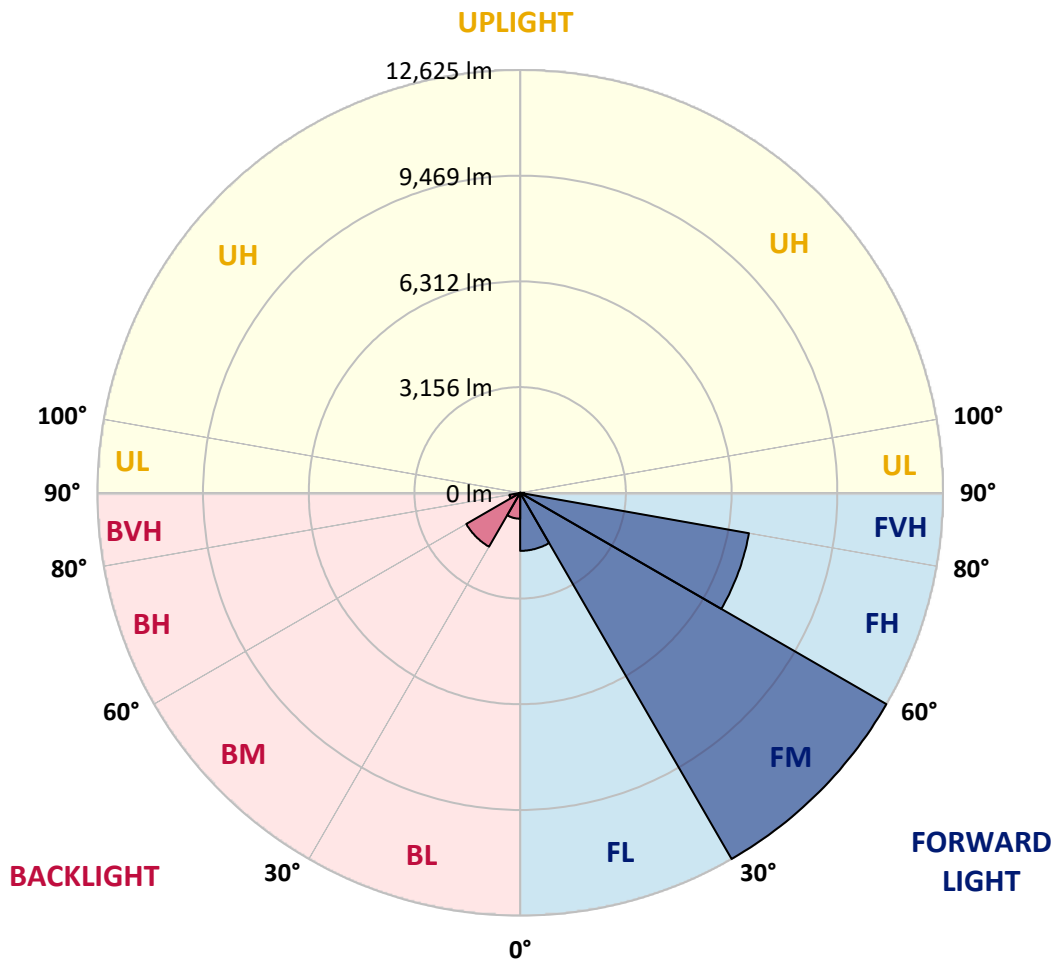
CATALOG NUMBER: GLAN-SB7A-730-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1733.3	7.1			
FM	(30°-60°)	12624.8	51.8			
FH	(60°-80°)	6935.5	28.5			G3/7500
FVH	(80°-90°)	120.4	0.5			G2/225
BL	(0°-30°)	773.8	3.2	B2/1000		
BM	(30°-60°)	1857.2	7.6	B2/2500		
BH	(60°-80°)	325.7	1.3	B1/500		G1/500
BVH	(80°-90°)	6.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short





REPORT NUMBER: P1458191

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7
2.5°	3416.5	3423.4	3416.5	3423.4	3437.3	3430.4	3458.1	3451.2	3451.2	3444.2	3416.5
5°	3222.5	3229.4	3243.3	3277.9	3326.4	3374.9	3437.3	3478.9	3520.5	3513.5	3485.8
7.5°	2841.3	2855.2	2910.6	2979.9	3139.3	3284.8	3444.2	3548.2	3638.3	3666.0	3645.2
10°	2626.5	2640.3	2675.0	2744.3	2889.8	3132.4	3444.2	3659.1	3818.5	3873.9	3880.8
12.5°	2605.7	2612.6	2640.3	2716.6	2841.3	3049.2	3437.3	3804.6	4074.9	4158.0	4185.7
15°	2619.6	2633.4	2661.1	2723.5	2869.0	3104.7	3492.7	4033.3	4414.4	4532.3	4539.2
17.5°	2675.0	2688.9	2723.5	2792.8	2952.2	3250.2	3666.0	4268.9	4823.3	4955.0	5031.2
20°	2785.9	2792.8	2834.4	2924.5	3104.7	3430.4	3922.4	4587.7	5315.3	5509.4	5564.8
22.5°	2931.4	2952.2	3007.6	3118.5	3347.2	3679.9	4275.8	4975.8	5855.9	6056.9	6153.9
25°	3090.8	3118.5	3201.7	3381.9	3672.9	4061.0	4712.4	5488.6	6493.5	6736.0	6867.7
27.5°	3416.5	3423.4	3478.9	3707.6	4081.8	4560.0	5266.8	6147.0	7241.9	7526.0	7671.6
30°	4130.3	4137.2	4088.7	4151.1	4532.3	5149.0	5918.3	6916.2	8115.1	8510.1	8627.9
32.5°	5003.5	5038.1	5031.2	4989.6	5162.9	5738.1	6694.4	7837.9	9140.7	9556.5	9667.4
35°	5994.5	6077.7	6056.9	6043.0	6063.8	6493.5	7581.5	8856.6	10305.0	10810.9	10901.0
37.5°	6964.7	6985.5	7082.5	7200.3	7214.2	7512.2	8607.1	9937.7	11386.1	12030.6	12169.2
40°	7713.1	7782.4	8025.0	8260.6	8503.2	8738.8	9452.6	10810.9	12245.4	13111.6	13174.0
42.5°	8295.3	8461.6	8815.0	9182.3	9674.3	9937.7	10256.5	11427.6	12945.3	14074.9	14047.2
45°	9002.1	9071.4	9570.4	10055.5	10554.5	10956.4	10949.5	11947.4	13492.8	14899.6	14726.4
47.5°	9480.3	9563.5	10242.6	10810.9	11323.7	11524.7	11566.2	12508.7	14248.2	15897.5	15488.7
50°	9736.7	9882.2	10623.8	11344.5	11898.9	11961.3	12148.4	13243.3	15239.2	17221.2	16451.9
52.5°	9764.4	9903.0	10755.4	11684.1	12287.0	12411.7	12730.5	14074.9	16202.5	18281.5	17006.3
55°	9189.2	9272.4	10596.0	11739.5	12591.9	12883.0	13534.4	14844.2	16763.8	18773.5	16957.8
57.5°	8648.7	8731.9	9882.2	11642.5	12903.7	13499.7	14393.7	15370.8	16327.2	18163.7	15876.7
60°	8184.4	8226.0	9272.4	11192.0	13021.6	14102.6	15135.2	14851.1	15197.6	16701.4	14026.4
62.5°	7311.2	7338.9	8579.4	10381.2	12785.9	14567.0	15391.6	13749.2	13957.1	14684.8	11850.4
65°	5523.2	5627.2	6763.7	9771.4	12397.9	14781.8	14795.7	12404.8	12190.0	12016.7	9320.9
67.5°	3749.2	3867.0	4553.0	8787.3	11767.2	14871.9	13638.3	10665.3	9286.3	8392.3	6105.4
70°	2993.8	2993.8	3229.4	7061.7	10270.3	13721.5	12203.8	8052.7	5897.5	4636.2	3271.0
72.5°	1968.1	1975.1	2196.8	4483.7	7283.5	10464.4	9951.5	4657.0	3063.1	2363.1	1614.7
75°	713.8	713.8	963.3	1794.9	3853.1	6230.1	6063.8	2224.5	1663.2	1289.0	977.1
77.5°	381.2	395.0	464.3	741.5	1476.1	2536.4	2370.1	1136.5	942.5	803.9	609.8
80°	256.4	263.3	311.9	457.4	713.8	977.1	762.3	637.6	637.6	540.5	408.9
82.5°	138.6	145.5	207.9	298.0	381.2	457.4	367.3	374.2	450.5	367.3	235.6
85°	97.0	97.0	159.4	214.8	214.8	221.8	159.4	235.6	263.3	228.7	159.4
87.5°	55.4	55.4	90.1	104.0	104.0	97.0	48.5	83.2	104.0	117.8	69.3
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: P1458191

CATALOG NUMBER: GLAN-SB7A-730-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7	3395.7
2.5°	3409.6	3388.8	3347.2	3264.1	3222.5	3167.0	3118.5	3056.2	3042.3	3035.4	3007.6
5°	3465.0	3423.4	3298.7	3118.5	2966.1	2820.5	2675.0	2591.8	2522.5	2487.9	2481.0
7.5°	3603.6	3520.5	3291.8	2973.0	2688.9	2439.4	2224.5	2037.4	1940.4	1857.3	1864.2
10°	3811.5	3679.9	3305.6	2834.4	2411.7	2009.7	1697.9	1427.6	1233.5	1143.5	1136.5
12.5°	4088.7	3901.6	3354.1	2695.8	2072.1	1510.8	1115.7	956.3	914.8	907.8	900.9
15°	4428.3	4165.0	3402.7	2515.6	1614.7	1046.4	907.8	873.2	866.3	859.3	859.3
17.5°	4837.2	4469.9	3430.4	2210.7	1178.1	900.9	852.4	831.6	824.7	817.7	817.7
20°	5350.0	4809.5	3465.0	1822.6	997.9	866.3	810.8	783.1	776.2	776.2	769.2
22.5°	5855.9	5190.6	3437.3	1483.0	963.3	824.7	762.3	734.6	720.7	720.7	713.8
25°	6438.0	5578.7	3354.1	1337.5	956.3	790.0	713.8	672.2	651.4	644.5	644.5
27.5°	7103.3	6022.2	3222.5	1344.4	956.3	762.3	651.4	596.0	582.1	568.3	568.3
30°	7865.6	6562.8	3125.5	1434.5	970.2	734.6	596.0	526.7	505.9	492.0	499.0
32.5°	8738.8	7165.7	3118.5	1580.1	991.0	693.0	533.6	457.4	436.6	429.7	436.6
35°	9729.8	7914.1	3277.9	1690.9	935.6	602.9	457.4	395.0	374.2	374.2	381.2
37.5°	10831.7	8773.4	3492.7	1663.2	755.4	478.2	395.0	346.5	325.7	332.6	339.6
40°	11836.5	9445.7	3527.4	1420.7	568.3	408.9	339.6	304.9	291.1	298.0	304.9
42.5°	12598.8	9986.2	3194.8	1101.9	478.2	346.5	291.1	263.3	256.4	270.3	270.3
45°	13215.6	10201.0	2668.1	817.7	422.7	298.0	256.4	242.6	228.7	235.6	235.6
47.5°	13860.1	10235.7	2176.0	658.4	374.2	270.3	235.6	221.8	207.9	207.9	207.9
50°	14483.8	10152.5	1663.2	582.1	346.5	242.6	214.8	201.0	187.1	180.2	180.2
52.5°	14636.3	9487.2	1219.7	540.5	318.8	228.7	201.0	187.1	173.3	166.3	166.3
55°	14213.5	8226.0	956.3	485.1	291.1	207.9	187.1	173.3	152.5	145.5	145.5
57.5°	12820.6	6271.7	762.3	415.8	263.3	201.0	173.3	159.4	138.6	131.7	131.7
60°	11011.8	4449.1	616.8	339.6	242.6	180.2	159.4	138.6	124.7	110.9	110.9
62.5°	9009.1	3194.8	499.0	284.1	228.7	159.4	145.5	124.7	97.0	76.2	76.2
65°	6909.3	2293.8	388.1	228.7	207.9	138.6	124.7	104.0	76.2	55.4	55.4
67.5°	4469.9	1483.0	291.1	201.0	159.4	117.8	97.0	83.2	69.3	48.5	41.6
70°	2356.2	866.3	214.8	173.3	117.8	90.1	83.2	69.3	55.4	34.7	34.7
72.5°	1219.7	568.3	159.4	152.5	90.1	62.4	69.3	55.4	41.6	20.8	20.8
75°	783.1	381.2	117.8	124.7	55.4	48.5	48.5	34.7	20.8	13.9	6.9
77.5°	505.9	256.4	83.2	104.0	34.7	27.7	27.7	13.9	6.9	0.0	0.0
80°	298.0	159.4	55.4	69.3	13.9	13.9	6.9	0.0	0.0	0.0	0.0
82.5°	152.5	83.2	27.7	27.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	97.0	41.6	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	48.5	13.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	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

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

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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 3000K 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	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			

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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			

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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 $R_a = 70.8$
 $R_g = -43.2$

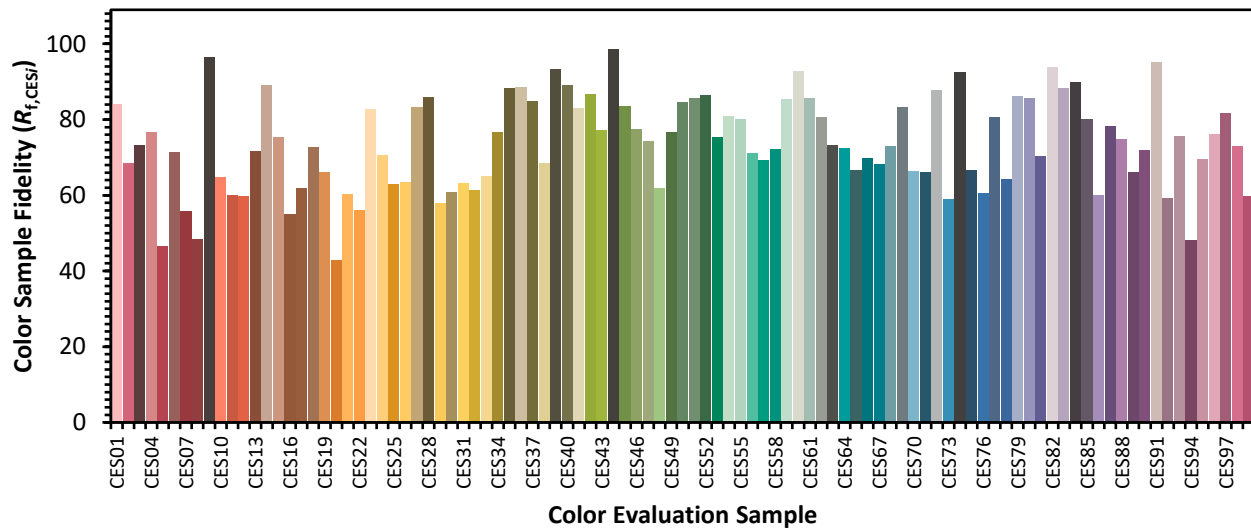


Color Vector Graphics

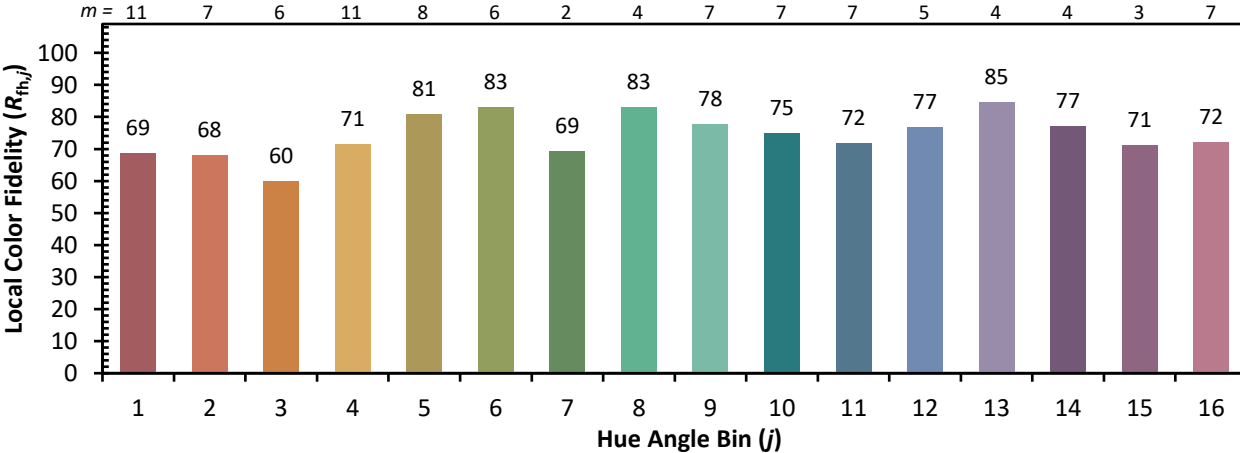


Individual Sample Fidelity Index ($R_{f,i}$)

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)