

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: P1458767

Luminaire Tested: GLAN-SB7A-730-U-T4LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458767
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB7A-730-U-T4LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 7xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (182) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

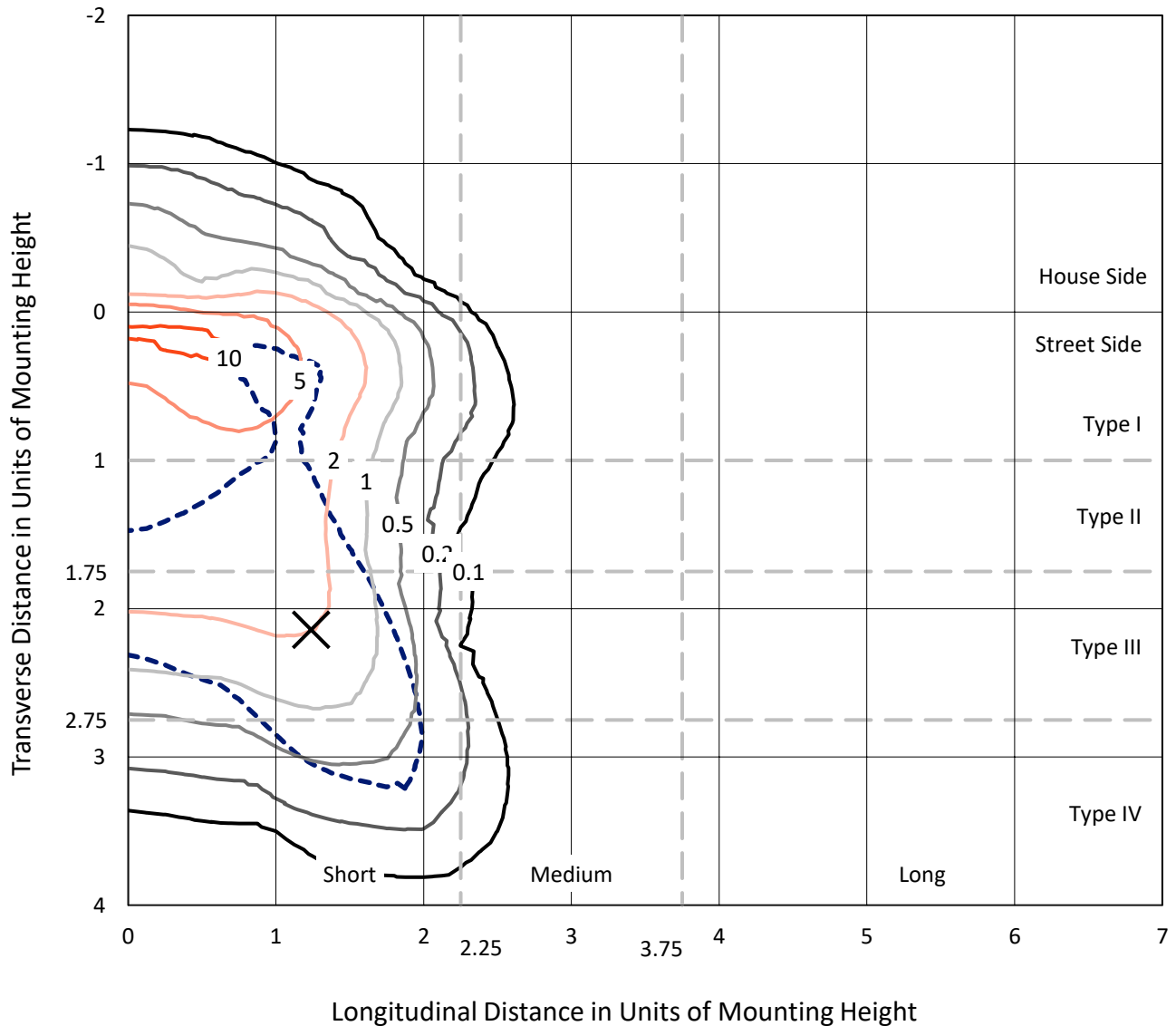
Lumens per Lamp: N/A
Luminaire Lumens: 23127.6 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

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: P1458767
 CATALOG NUMBER: GLAN-SB7A-730-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

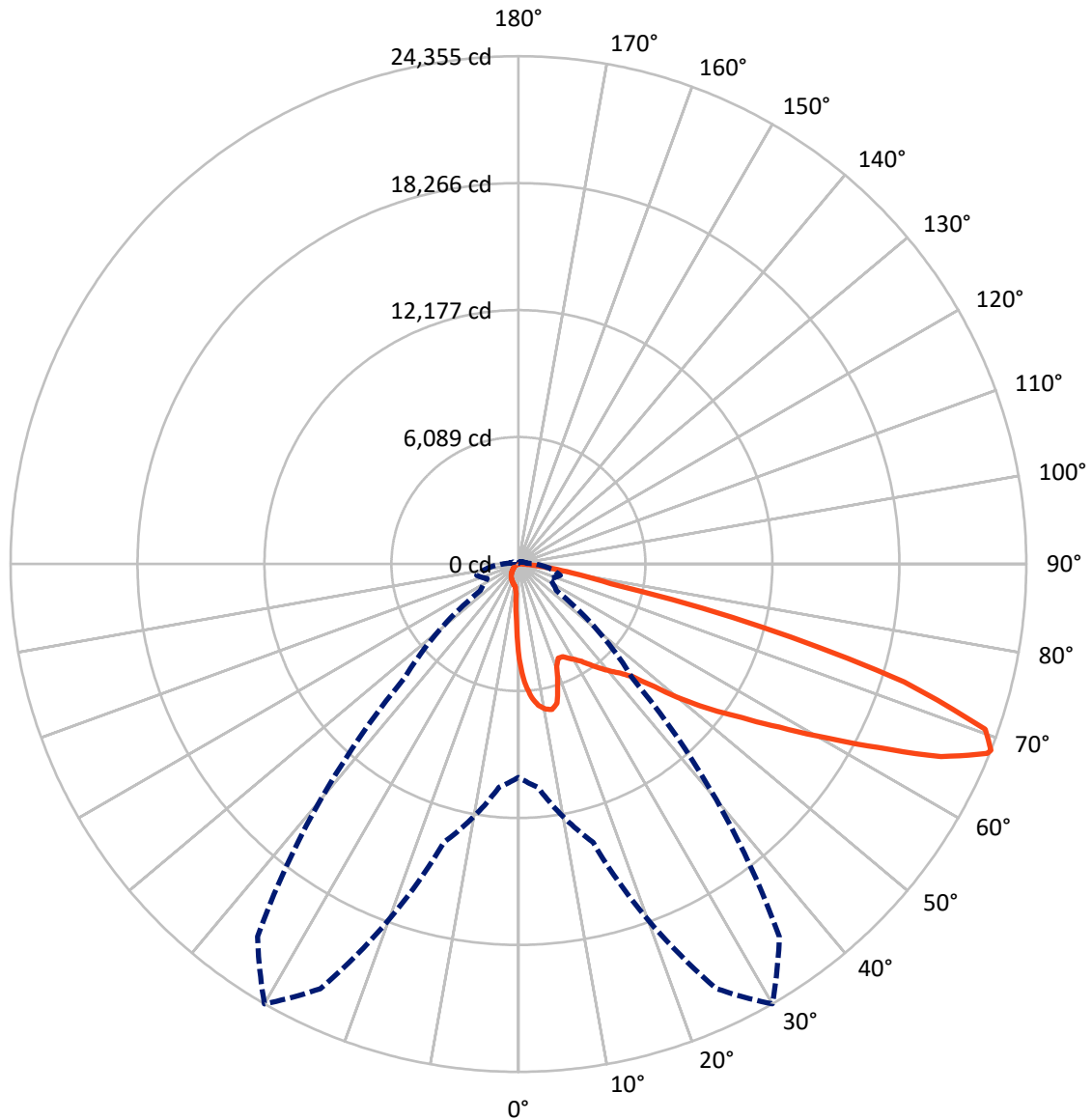
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1765.2	0.0	1765.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	21362.3	0.0	21362.3
	% Fixture	92.4	0.0	92.4
Total	Lumens	23127.6	0.0	23127.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	393.5	1.7
10°-20°	1123.5	4.9
20°-30°	1765.5	7.6
30°-40°	2769.0	12.0
40°-50°	4138.9	17.9
50°-60°	5506.0	23.8
60°-70°	5322.6	23.0
70°-80°	1913.3	8.3
80°-90°	195.3	0.8
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°	23127.6	100.0
0°-180°	23127.6	100.0



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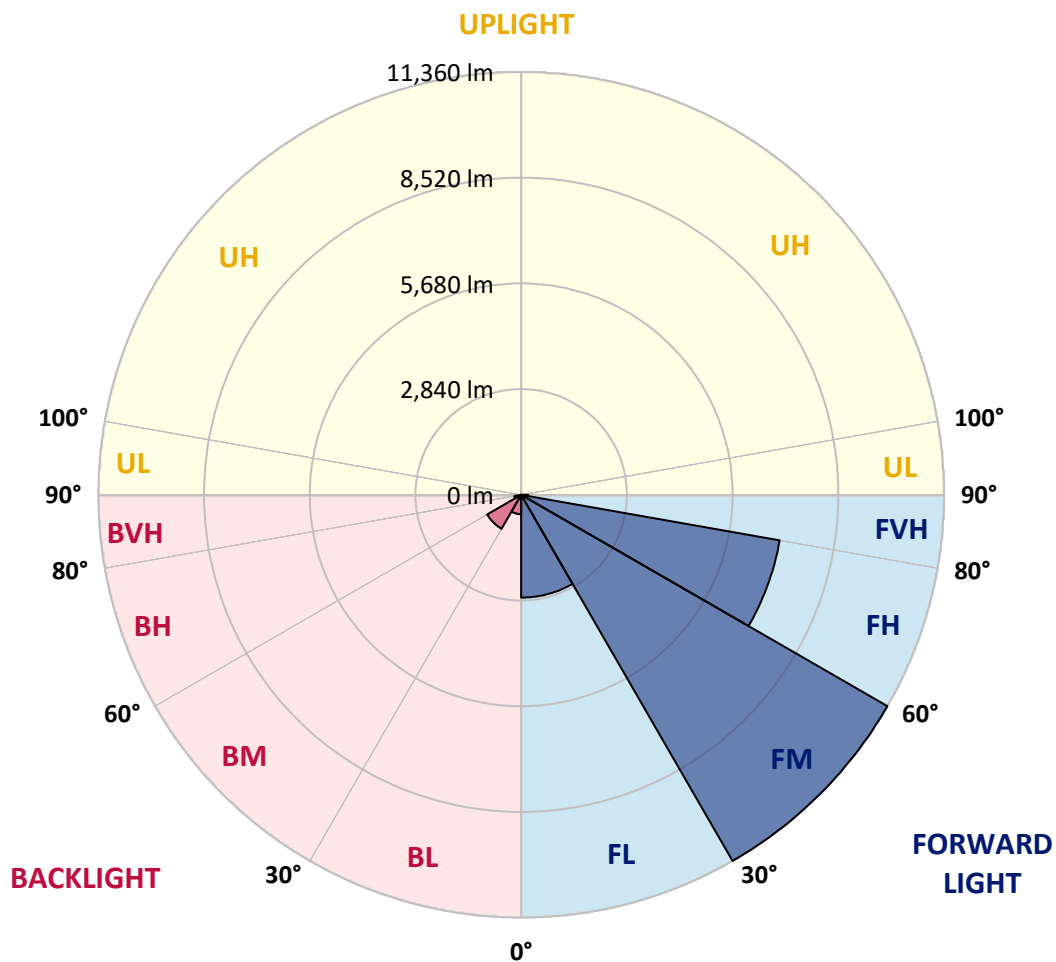
CATALOG NUMBER: GLAN-SB7A-730-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2761.4	11.9			
FM (30°-60°)	11360.3	49.1			
FH (60°-80°)	7052.3	30.5			G3/7500
FVH (80°-90°)	188.3	0.8			G2/225
BL (0°-30°)	521.0	2.3	B2/1000		
BM (30°-60°)	1053.7	4.6	B2/2500		
BH (60°-80°)	183.6	0.8	B1/500		G1/500
BVH (80°-90°)	6.9	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5
2.5°	5828.8	5828.8	5787.2	5731.8	5669.4	5648.6	5530.8	5364.5	5191.2	4990.2	4699.1
5°	6577.4	6570.4	6487.3	6487.3	6404.1	6327.8	6210.0	5967.4	5690.2	5329.8	4823.9
7.5°	6910.0	6923.9	6889.2	6889.2	6840.7	6785.3	6716.0	6480.3	6154.6	5669.4	4948.6
10°	7027.9	7034.8	7034.8	7083.3	7069.4	7062.5	7055.6	6923.9	6584.3	6016.0	5080.3
12.5°	6743.7	6778.3	6875.4	7090.2	7159.5	7235.8	7339.7	7298.2	7062.5	6452.6	5281.3
15°	5828.8	5835.8	6106.1	6639.7	6923.9	7215.0	7617.0	7700.1	7547.7	6923.9	5489.2
17.5°	4810.0	4830.8	5045.6	5641.7	6099.1	6771.4	7776.4	8116.0	8060.6	7388.3	5683.3
20°	4387.2	4414.9	4518.9	4893.2	5239.7	5863.5	7617.0	8511.1	8531.8	7852.6	5863.5
22.5°	4290.2	4311.0	4394.1	4685.2	4900.1	5315.9	7076.4	8822.9	9065.5	8386.3	6078.3
25°	4262.5	4283.3	4408.0	4726.8	4927.8	5274.4	6584.3	8989.3	9696.2	8940.8	6286.3
27.5°	4241.7	4269.4	4470.4	4879.3	5114.9	5447.6	6494.2	9023.9	10299.2	9529.9	6625.9
30°	4269.4	4311.0	4574.3	5038.7	5309.0	5683.3	6709.0	9058.6	10964.6	10202.2	7055.6
32.5°	4380.3	4414.9	4733.8	5253.6	5565.5	5988.2	7076.4	9266.5	11595.3	10888.3	7464.5
35°	4505.0	4553.6	4934.7	5558.5	5932.8	6411.0	7575.4	9675.4	12198.3	11539.8	7887.3
37.5°	4657.5	4713.0	5170.4	5905.1	6334.8	6875.4	8116.0	10243.8	12731.9	12073.5	8310.1
40°	4865.4	4927.8	5440.7	6272.4	6736.8	7277.4	8649.7	10805.2	13140.8	12392.3	8587.3
42.5°	5683.3	5766.4	5981.3	6632.8	7152.6	7707.1	9176.4	11338.8	13293.3	12496.3	8642.7
45°	7208.1	7291.2	7235.8	7360.5	7707.1	8226.9	9751.7	11851.7	13314.1	12468.6	8615.0
47.5°	8739.8	8836.8	8788.3	8719.0	8795.2	9044.7	10396.2	12177.5	13203.2	12454.7	8615.0
50°	10202.2	10146.7	10153.7	10132.9	10202.2	10333.9	11020.0	12239.8	13175.5	12586.4	8691.3
52.5°	10985.4	11013.1	11186.4	11442.8	11595.3	11727.0	11733.9	12336.9	12974.5	12364.6	8601.2
55°	11754.7	11810.1	12212.1	12648.8	12988.4	13237.9	12447.8	12274.5	11775.5	11623.0	8129.9
57.5°	12621.0	12697.3	13265.6	14166.6	14762.7	14894.3	13154.7	11110.1	9966.5	10562.6	7215.0
60°	13813.1	13903.2	14658.7	16010.2	16897.4	16627.1	13210.2	9259.6	7915.0	8767.5	5953.6
62.5°	14748.8	14929.0	16294.4	18401.3	19378.6	18519.2	12177.5	7097.2	5530.8	6161.5	4345.6
65°	13750.8	14097.3	16322.1	21139.0	22268.7	20744.0	10555.6	4844.6	3118.9	3985.2	2779.3
67.5°	11117.0	11602.2	14492.4	22469.7	24251.0	21915.3	8310.1	2571.3	1788.2	2314.9	1462.4
68°	10229.9	10756.6	13820.1	22469.7	24354.9	21811.3	7714.0	2224.8	1649.5	2079.2	1268.3
70°	7069.4	7443.7	10625.0	21208.3	23745.0	19884.5	5080.3	1275.3	1240.6	1427.8	838.6
72.5°	3465.4	3867.4	5683.3	16807.3	19343.9	15282.5	2314.9	845.6	942.6	1046.6	658.4
75°	1379.2	1462.4	2238.7	8289.3	12087.4	9751.7	1212.9	637.6	810.9	817.8	519.8
77.5°	790.1	838.6	1240.6	3049.6	4532.8	4359.5	783.2	457.4	644.6	589.1	339.6
80°	443.6	450.5	700.0	1608.0	2592.1	2321.8	533.7	332.7	492.1	415.8	228.7
82.5°	221.8	249.5	443.6	887.1	1441.6	1476.3	284.2	235.6	395.1	298.0	187.1
85°	159.4	173.3	318.8	492.1	665.4	998.0	173.3	117.8	298.0	201.0	131.7
87.5°	83.2	104.0	201.0	242.6	270.3	339.6	83.2	55.4	166.3	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: P1458767

CATALOG NUMBER: GLAN-SB7A-730-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5	4560.5
2.5°	4560.5	4401.1	4075.3	3694.1	3396.1	3091.1	2841.6	2606.0	2495.1	2481.2	2509.0
5°	4539.7	4193.1	3451.6	2723.8	2127.8	1711.9	1483.2	1365.4	1303.0	1275.3	1282.2
7.5°	4498.1	3971.4	2786.2	1843.6	1379.2	1199.0	1143.6	1122.8	1115.9	1115.9	1115.9
10°	4456.5	3673.3	2134.7	1351.5	1129.7	1081.2	1067.3	1067.3	1060.4	1060.4	1067.3
12.5°	4435.7	3396.1	1656.5	1129.7	1053.5	1032.7	1018.8	1011.9	1011.9	1011.9	1018.8
15°	4387.2	3091.1	1337.6	1046.6	1005.0	977.2	970.3	963.4	963.4	963.4	963.4
17.5°	4345.6	2793.1	1164.4	991.1	956.5	928.7	921.8	914.9	914.9	921.8	921.8
20°	4283.3	2509.0	1046.6	935.7	907.9	880.2	873.3	866.4	873.3	873.3	873.3
22.5°	4207.0	2273.3	977.2	894.1	859.4	831.7	831.7	831.7	831.7	831.7	838.6
25°	4158.5	2107.0	928.7	845.6	810.9	790.1	783.2	783.2	797.0	797.0	804.0
27.5°	4234.7	2065.4	935.7	831.7	769.3	748.5	741.6	741.6	755.5	762.4	769.3
30°	4463.5	2141.6	1018.8	873.3	741.6	706.9	700.0	700.0	720.8	727.7	734.7
32.5°	4726.8	2301.0	1143.6	928.7	720.8	665.4	651.5	651.5	672.3	679.2	686.2
35°	5087.2	2550.5	1309.9	977.2	734.7	623.8	596.1	596.1	609.9	623.8	630.7
37.5°	5551.6	2959.5	1504.0	1011.9	734.7	575.3	540.6	533.7	547.5	547.5	554.5
40°	6036.7	3493.1	1705.0	1011.9	700.0	526.7	492.1	471.3	478.2	471.3	478.2
42.5°	6307.1	3922.8	1878.3	949.5	658.4	478.2	443.6	415.8	408.9	395.1	402.0
45°	6459.5	4116.9	1829.7	880.2	616.8	443.6	402.0	367.3	353.5	332.7	332.7
47.5°	6459.5	4137.7	1566.4	824.8	575.3	415.8	360.4	325.7	305.0	284.2	291.1
50°	6383.3	3950.6	1240.6	769.3	526.7	388.1	325.7	298.0	270.3	256.4	256.4
52.5°	6064.5	3340.7	949.5	700.0	471.3	353.5	291.1	263.4	235.6	228.7	228.7
55°	5516.9	2453.5	769.3	630.7	422.8	325.7	263.4	242.6	214.9	201.0	201.0
57.5°	4484.2	1677.3	637.6	568.3	374.3	291.1	235.6	214.9	180.2	166.3	166.3
60°	3326.8	1095.1	540.6	499.0	318.8	263.4	207.9	180.2	152.5	138.6	131.7
62.5°	2245.6	741.6	450.5	395.1	270.3	228.7	180.2	152.5	117.8	90.1	90.1
65°	1400.0	575.3	374.3	311.9	235.6	201.0	152.5	117.8	83.2	62.4	55.4
67.5°	804.0	464.4	305.0	242.6	201.0	159.4	117.8	97.0	69.3	48.5	41.6
68°	741.6	443.6	284.2	228.7	187.1	152.5	110.9	90.1	62.4	41.6	41.6
70°	603.0	395.1	242.6	187.1	159.4	124.8	97.0	76.2	48.5	27.7	27.7
72.5°	533.7	332.7	207.9	145.5	110.9	104.0	76.2	55.4	34.7	20.8	13.9
75°	436.6	263.4	166.3	110.9	76.2	76.2	55.4	34.7	13.9	0.0	0.0
77.5°	284.2	194.1	131.7	69.3	41.6	48.5	34.7	13.9	0.0	0.0	0.0
80°	187.1	145.5	90.1	34.7	20.8	20.8	6.9	0.0	0.0	0.0	0.0
82.5°	131.7	97.0	55.4	13.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0
85°	83.2	41.6	20.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.7	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

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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



CCT = 2985K
 CIE x = 0.4408
 CIE y = 0.4101
 Duv = 0.0019

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 $R_a = 70.8$
 $R_9 = -43.2$



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)