

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: P1457030

Luminaire Tested: GLAN-SB4D-730-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457030
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4D-730-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 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: 39904.4 lumens
Efficiency: N/A
Efficacy: 135.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G4

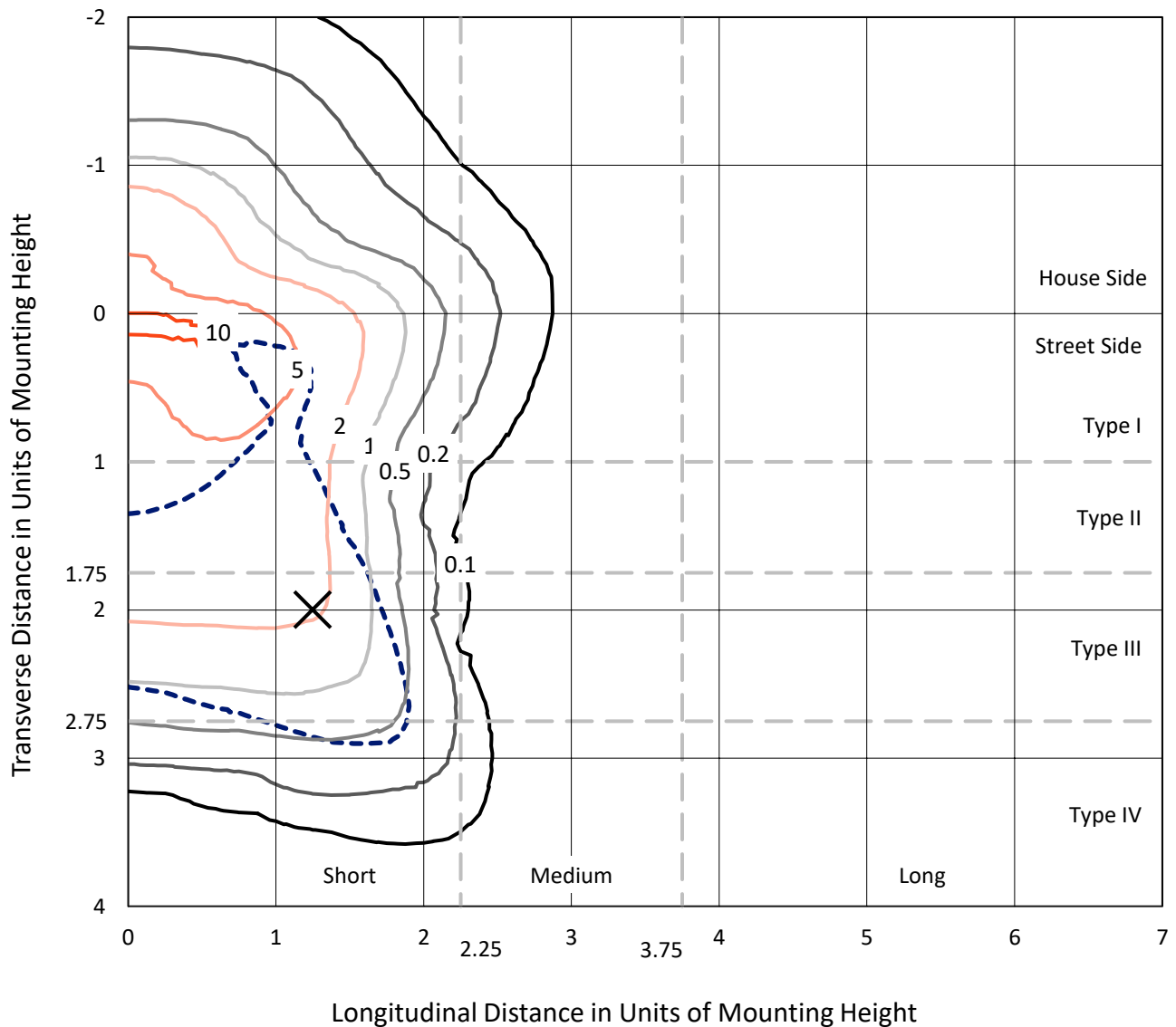
Input Watts (W): 293.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4D-730-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

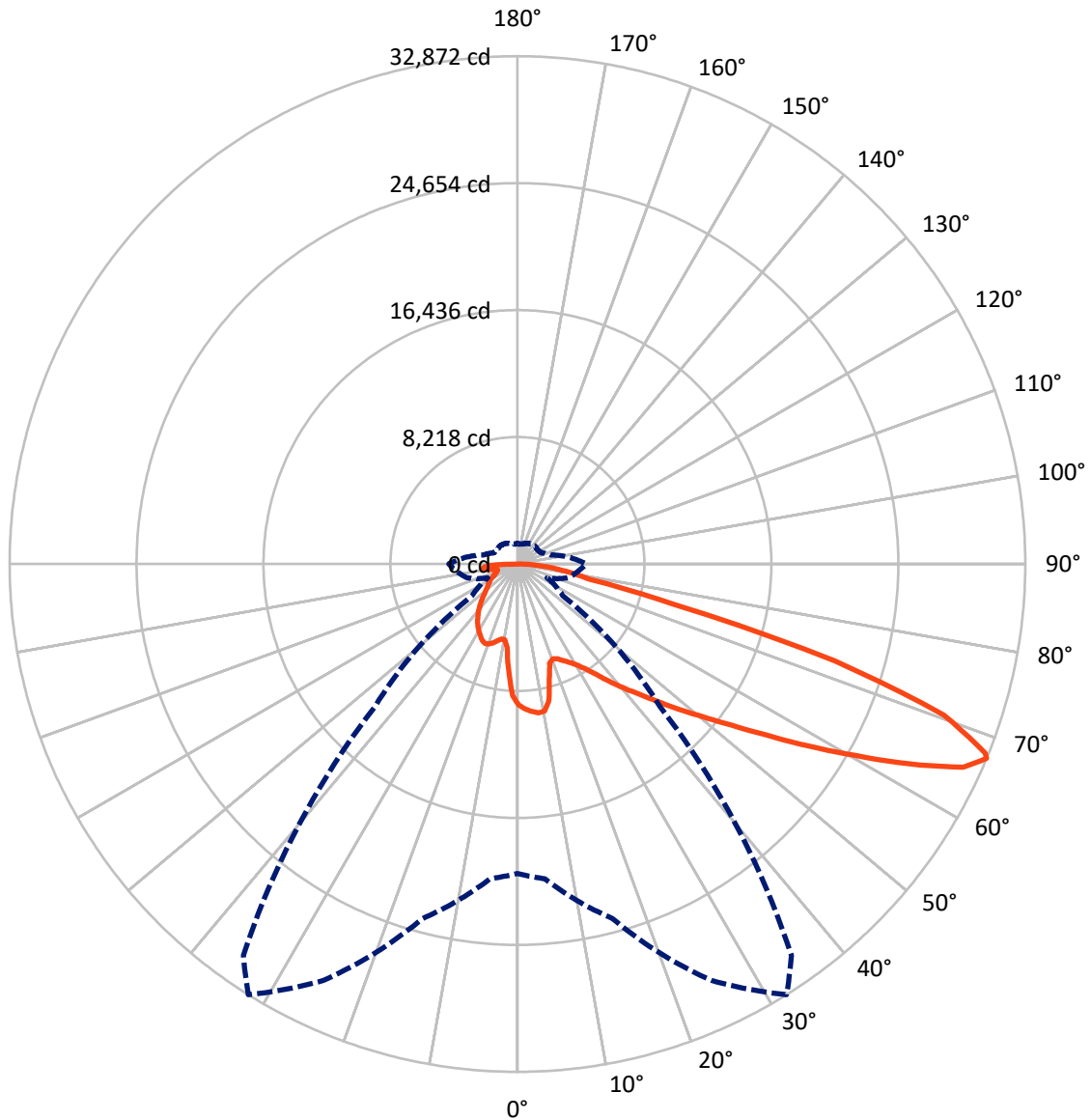


Based on 30 foot mounting height. Maximum calculated value = 10.9 fc
 Type IV - Short - N/A

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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	9447.2	0.0	9447.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	30457.2	0.0	30457.2
	% Fixture	76.3	0.0	76.3
Total	Lumens	39904.4	0.0	39904.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	796.6	2.0
10°-20°	2115.1	5.3
20°-30°	3454.1	8.7
30°-40°	5091.0	12.8
40°-50°	7020.8	17.6
50°-60°	8869.4	22.2
60°-70°	8584.0	21.5
70°-80°	3063.6	7.7
80°-90°	909.7	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°	39904.4	100.0
0°-180°	39904.4	100.0



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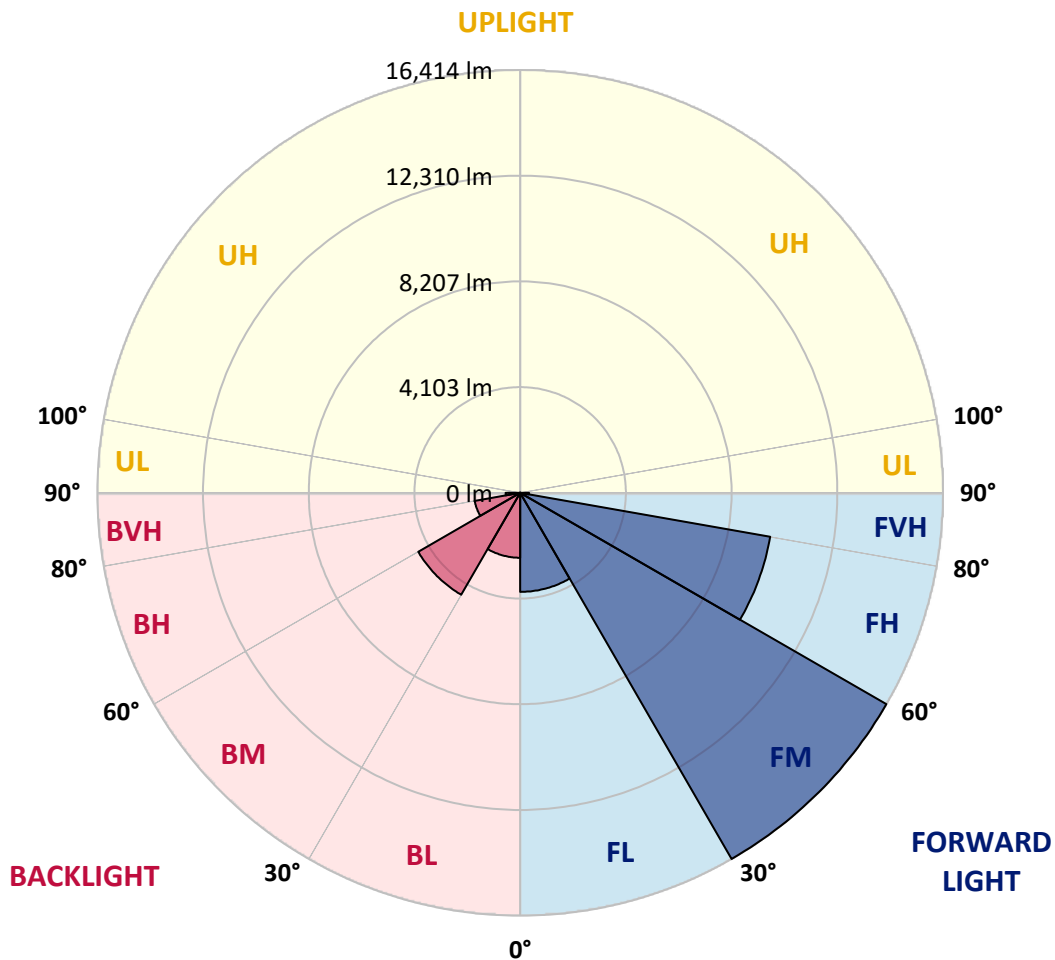
CATALOG NUMBER: GLAN-SB4D-730-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3844.9	9.6			
FM	(30°-60°)	16413.9	41.1			
FH	(60°-80°)	9855.6	24.7			G4/12000
FVH	(80°-90°)	342.8	0.9			G3/500
BL	(0°-30°)	2521.0	6.3	B4/5000		
BM	(30°-60°)	4567.3	11.4	B3/5000		
BH	(60°-80°)	1792.0	4.5	B3/2500		G3/2500
BVH	(80°-90°)	566.9	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4
2.5°	9462.9	9436.3	9409.8	9427.5	9392.0	9383.2	9338.9	9321.2	9268.0	9259.1	9161.7
5°	9657.8	9604.7	9595.8	9613.5	9578.1	9578.1	9542.7	9516.1	9436.3	9392.0	9250.3
7.5°	9657.8	9649.0	9666.7	9728.7	9737.6	9737.6	9737.6	9746.5	9666.7	9604.7	9383.2
10°	9108.5	9019.9	9214.8	9524.9	9675.6	9764.2	9923.7	10021.1	9959.1	9914.8	9613.5
12.5°	7469.3	7478.2	7788.3	8452.8	9055.3	9312.3	9976.8	10331.2	10357.8	10286.9	9905.9
15°	6335.2	6379.5	6539.0	7017.4	7708.6	8089.6	9666.7	10605.9	10818.6	10747.7	10260.4
17.5°	5989.6	6016.2	6087.1	6361.8	6751.6	7061.7	8825.0	10783.1	11376.8	11288.2	10659.1
20°	5936.5	5954.2	6042.8	6273.2	6539.0	6716.2	7965.5	10641.4	11899.5	11864.1	11022.4
22.5°	5945.3	5963.1	6078.2	6397.2	6671.9	6822.5	7690.8	10313.5	12448.9	12484.3	11394.5
25°	5963.1	5971.9	6149.1	6574.4	6920.0	7106.0	7868.0	10021.1	12909.6	13210.9	11802.1
27.5°	6060.5	6087.1	6326.3	6804.8	7212.4	7425.0	8284.5	10118.6	13414.7	14034.9	12289.4
30°	6326.3	6344.1	6636.4	7132.6	7575.7	7797.2	8780.7	10508.4	14034.9	14885.5	12767.9
32.5°	6742.8	6760.5	7097.2	7611.1	8089.6	8355.4	9427.5	11252.7	14726.0	15780.4	13246.3
35°	7318.7	7327.6	7708.6	8257.9	8762.9	9064.2	10180.6	12094.5	15443.7	16542.4	13600.7
37.5°	8001.0	8063.0	8452.8	9028.8	9622.4	9897.1	11066.7	13078.0	16081.6	17189.2	13804.5
40°	8940.2	8957.9	9338.9	9897.1	10526.2	10792.0	11952.7	14008.3	16781.6	17570.2	13990.6
42.5°	9905.9	10056.6	10375.5	10995.8	11465.4	11678.0	12962.8	14858.9	17339.8	17587.9	13910.8
45°	11199.6	11314.7	11633.7	12183.1	12652.7	12900.8	14052.6	15638.6	17623.4	17437.3	13733.6
47.5°	12679.2	12750.1	13007.1	13503.3	14026.0	14203.2	15186.7	16081.6	17729.7	17331.0	13653.9
50°	14424.7	14424.7	14610.8	15036.1	15514.6	15762.7	16232.3	16347.5	18039.8	17144.9	13857.7
52.5°	15895.6	15966.5	16214.6	16817.1	17295.5	17579.1	17047.4	16755.0	17410.7	16108.2	13919.7
55°	17304.4	17384.1	17942.3	18695.5	19510.6	19820.7	18066.4	16551.2	15293.1	14593.1	13494.4
57.5°	18651.2	18819.5	19519.5	20990.3	22221.9	22195.3	19360.0	14726.0	12484.3	12918.5	12564.1
60°	20529.6	20706.8	21823.2	23675.0	25181.3	24552.2	19377.7	12253.9	9728.7	10313.5	10818.6
62.5°	22097.9	22399.1	24038.3	27121.7	28503.9	27520.4	17774.0	9383.2	6459.2	7194.7	8364.2
65°	21956.1	22354.8	24897.8	29655.8	31720.3	30807.6	15426.0	5936.5	3331.5	4917.5	5856.7
67°	20024.5	20458.7	23754.8	29744.4	32872.1	30922.8	13024.8	3588.5	2117.6	3411.3	4066.9
67.5°	18917.0	19554.9	23187.7	29576.0	32659.5	30435.5	11943.8	3003.7	1993.6	3172.0	3703.7
70°	11633.7	12661.5	17401.8	26147.1	29274.8	25473.7	6636.4	1701.2	1621.5	2126.5	2560.7
72.5°	3499.9	3810.0	6716.2	16772.8	21486.5	18881.5	2986.0	1311.3	1453.1	1710.1	1975.9
75°	1701.2	1816.4	2773.3	6858.0	10464.1	10411.0	1665.8	1125.3	1346.8	1435.4	1559.4
77.5°	1089.8	1160.7	1727.8	3836.6	4793.5	4270.7	1205.0	983.5	1196.2	1178.4	1160.7
80°	682.3	717.7	1107.6	2224.0	3535.3	2950.5	886.0	806.3	1027.8	912.6	824.0
82.5°	443.0	487.3	708.8	1355.6	2525.2	2197.4	584.8	575.9	850.6	726.6	637.9
85°	292.4	327.8	451.9	797.4	1497.4	1568.3	381.0	398.7	655.7	549.3	487.3
87.5°	106.3	132.9	230.4	354.4	700.0	868.3	159.5	150.6	319.0	257.0	203.8
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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CATALOG NUMBER: GLAN-SB4D-730-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4	9117.4
2.5°	9143.9	9117.4	8993.3	8887.0	8807.2	8700.9	8585.7	8452.8	8364.2	8381.9	8355.4
5°	9188.2	9117.4	8878.1	8514.9	8160.4	7717.4	7150.4	6813.7	6556.7	6423.8	6459.2
7.5°	9285.7	9161.7	8656.6	7921.2	6999.7	6096.0	5537.8	5218.8	5068.2	5006.1	4997.3
10°	9454.1	9241.4	8373.1	6999.7	5794.7	5183.3	4979.6	4890.9	4873.2	4873.2	4864.4
12.5°	9657.8	9321.2	7894.6	6104.8	5218.8	4997.3	4961.8	4970.7	4997.3	5023.9	4979.6
15°	9905.9	9356.6	7301.0	5564.3	5103.6	5050.4	5103.6	5165.6	5209.9	5245.4	5201.1
17.5°	10154.0	9321.2	6742.8	5307.4	5121.3	5192.2	5298.5	5396.0	5422.6	5475.7	5440.3
20°	10331.2	9197.1	6264.3	5209.9	5165.6	5325.1	5458.0	5564.3	5617.5	5652.9	5617.5
22.5°	10464.1	9037.6	5918.8	5112.5	5165.6	5360.5	5520.0	5644.1	5706.1	5741.5	5697.2
25°	10579.3	8816.1	5652.9	4970.7	5059.3	5245.4	5422.6	5546.6	5635.2	5688.4	5661.8
27.5°	10721.1	8638.9	5404.9	4758.0	4837.8	5015.0	5201.1	5351.7	5520.0	5608.6	5590.9
30°	10880.6	8550.3	5165.6	4527.7	4580.8	4758.0	4979.6	5183.3	5413.7	5528.9	5528.9
32.5°	11066.7	8488.3	4944.1	4306.2	4350.5	4545.4	4758.0	4944.1	5192.2	5378.3	5369.4
35°	11146.4	8417.4	4766.9	4102.4	4191.0	4350.5	4518.8	4642.9	4899.8	5121.3	5139.0
37.5°	11226.1	8390.8	4678.3	3942.9	4013.8	4137.8	4226.4	4288.4	4527.7	4758.0	4766.9
40°	11323.6	8514.9	4740.3	3836.6	3774.5	3898.6	3942.9	3978.3	4102.4	4253.0	4253.0
42.5°	11261.6	8603.5	4882.1	3739.1	3482.1	3623.9	3641.6	3632.8	3641.6	3650.5	3641.6
45°	11102.1	8514.9	4882.1	3588.5	3172.0	3322.7	3313.8	3269.5	3198.6	3012.5	2986.0
47.5°	11066.7	8461.7	4696.0	3340.4	2861.9	2986.0	3003.7	2915.1	2711.3	2516.4	2454.3
50°	11217.3	8559.2	4403.6	3039.1	2596.1	2702.4	2746.7	2596.1	2365.7	2161.9	2126.5
52.5°	11438.8	8683.2	3978.3	2711.3	2374.6	2480.9	2534.1	2365.7	2126.5	1967.0	1949.3
55°	11412.2	8683.2	3499.9	2410.0	2206.2	2286.0	2374.6	2197.4	2011.3	1922.7	1913.8
57.5°	10836.3	8355.4	3145.4	2197.4	2046.8	2117.6	2232.8	2064.5	1887.3	1905.0	1931.6
60°	9711.0	7504.8	2879.6	2055.6	1905.0	1975.9	2099.9	1905.0	1674.6	1612.6	1612.6
62.5°	8001.0	6184.6	2667.0	1913.8	1772.1	1860.7	1922.7	1665.8	1515.1	1444.2	1444.2
65°	5998.5	4784.6	2445.5	1798.7	1656.9	1754.4	1683.5	1559.4	1408.8	1355.6	1364.5
67°	4447.9	3712.5	2259.4	1701.2	1586.0	1630.3	1577.2	1488.5	1337.9	1293.6	1337.9
67.5°	3996.0	3526.4	2215.1	1674.6	1568.3	1603.7	1550.6	1479.7	1320.2	1275.9	1320.2
70°	2746.7	2711.3	1975.9	1550.6	1470.8	1435.4	1462.0	1373.4	1240.5	1222.7	1267.0
72.5°	2091.1	2161.9	1772.1	1444.2	1364.5	1320.2	1382.2	1293.6	1160.7	1187.3	1231.6
75°	1639.2	1745.5	1586.0	1293.6	1240.5	1249.3	1373.4	1337.9	1231.6	1258.2	1267.0
77.5°	1213.9	1408.8	1355.6	1125.3	1081.0	1205.0	1550.6	1656.9	1470.8	1426.5	1364.5
80°	886.0	1010.1	1143.0	930.3	903.8	1160.7	1913.8	2117.6	1816.4	1639.2	1594.9
82.5°	655.7	708.8	939.2	744.3	655.7	1036.7	2126.5	2489.8	2161.9	1825.2	1772.1
85°	469.6	549.3	744.3	549.3	434.2	850.6	2082.2	2436.6	2144.2	1727.8	1683.5
87.5°	168.3	239.2	319.0	248.1	221.5	584.8	1718.9	1754.4	1337.9	611.4	620.2
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 Luminous Efficacy Function

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)