

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: P1458438

Luminaire Tested: GLAN-SB5D-840-U-T3LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458438
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB5D-840-U-T3LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (130) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

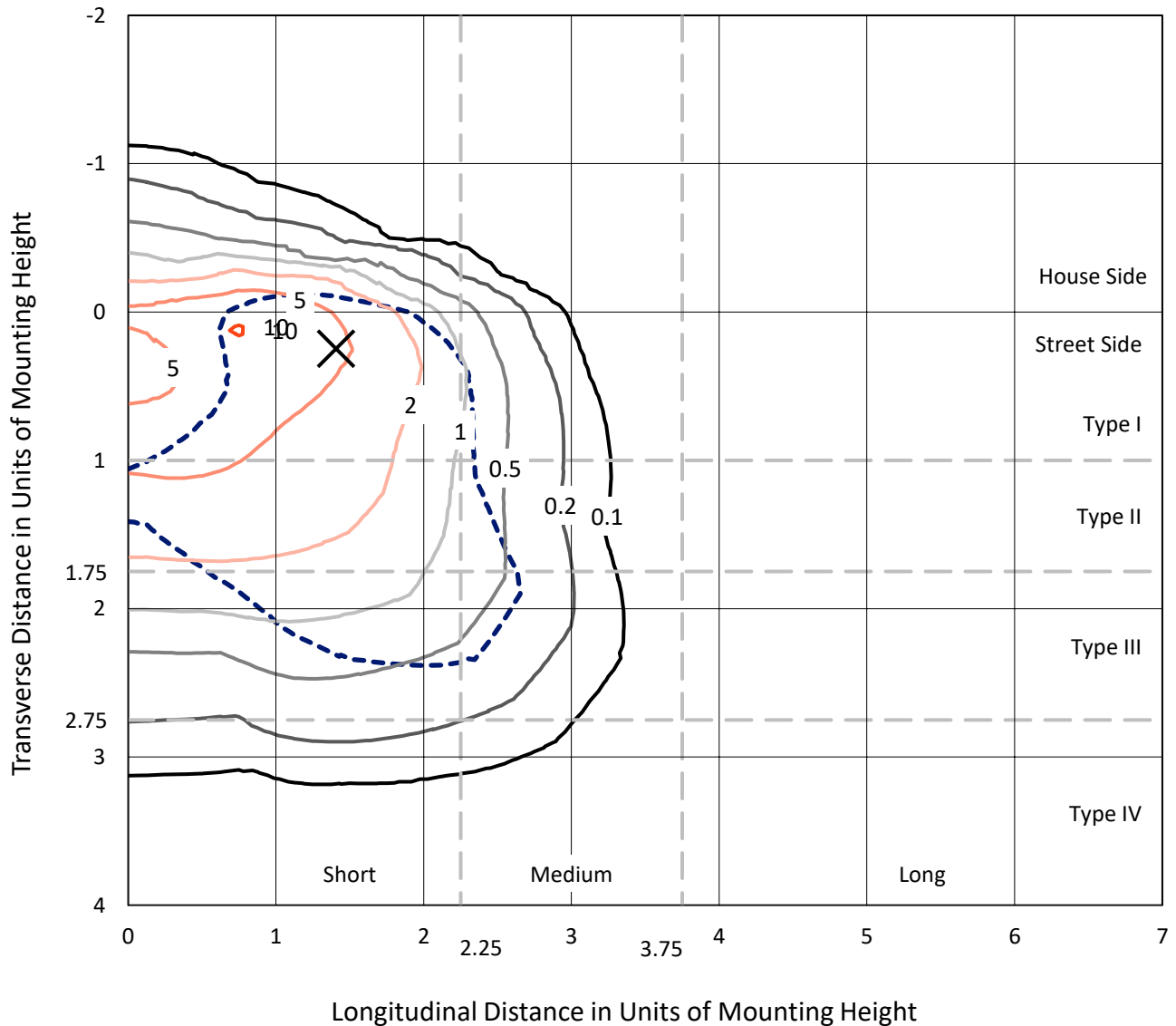
Lumens per Lamp: N/A
Luminaire Lumens: 37575.6 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 364.9
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: P1458438
 CATALOG NUMBER: GLAN-SB5D-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

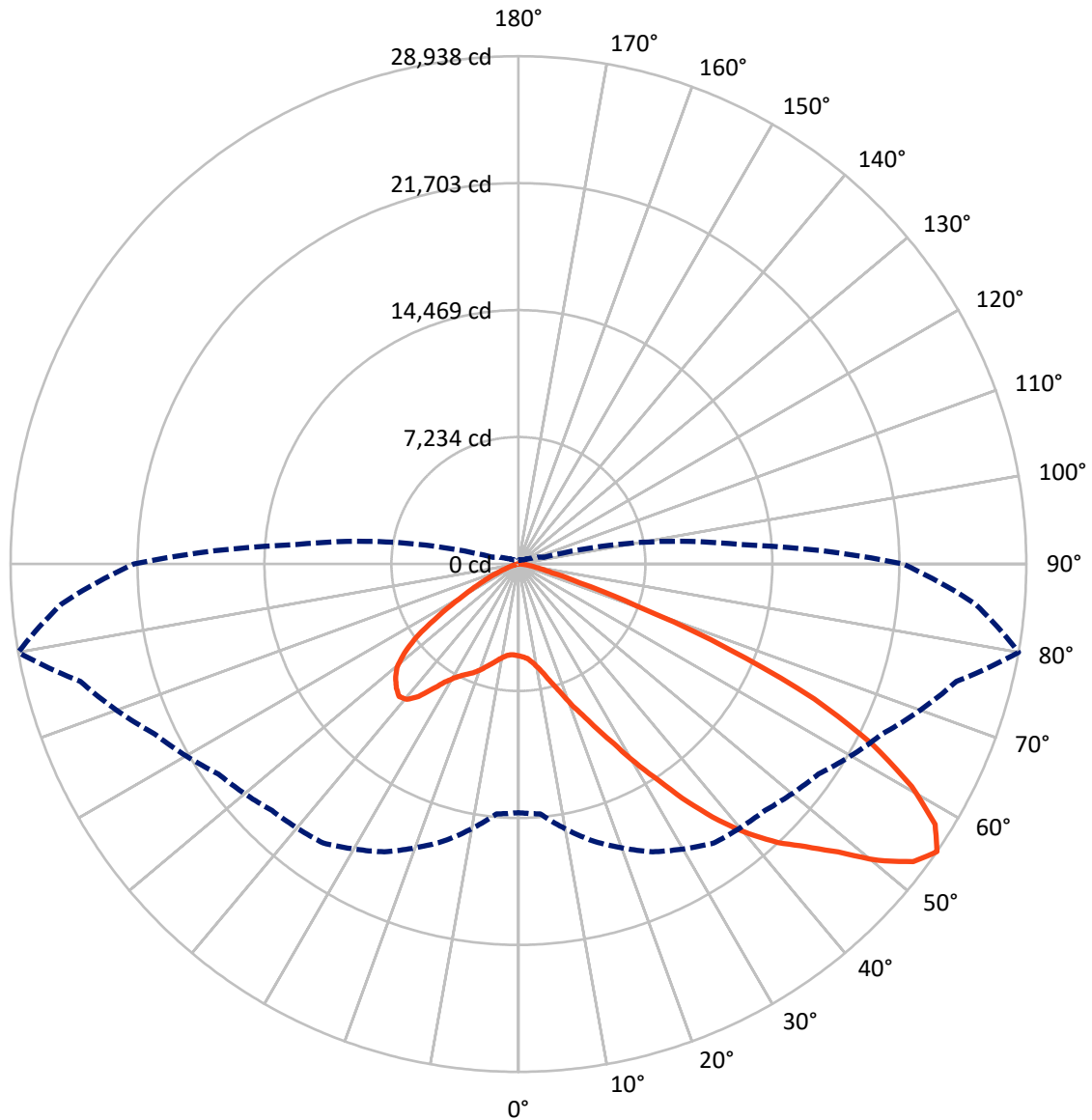
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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

REPORT NUMBER: P1458438

CATALOG NUMBER: GLAN-SB5D-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4567.7	0.0	4567.7
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	33007.8	0.0	33007.8
	% Fixture	87.8	0.0	87.8
Total	Lumens	37575.6	0.0	37575.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	439.3	1.2
10°-20°	1158.1	3.1
20°-30°	2267.1	6.0
30°-40°	4612.3	12.3
40°-50°	7775.6	20.7
50°-60°	9934.9	26.4
60°-70°	8482.1	22.6
70°-80°	2710.5	7.2
80°-90°	195.7	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°	37575.6	100.0
0°-180°	37575.6	100.0



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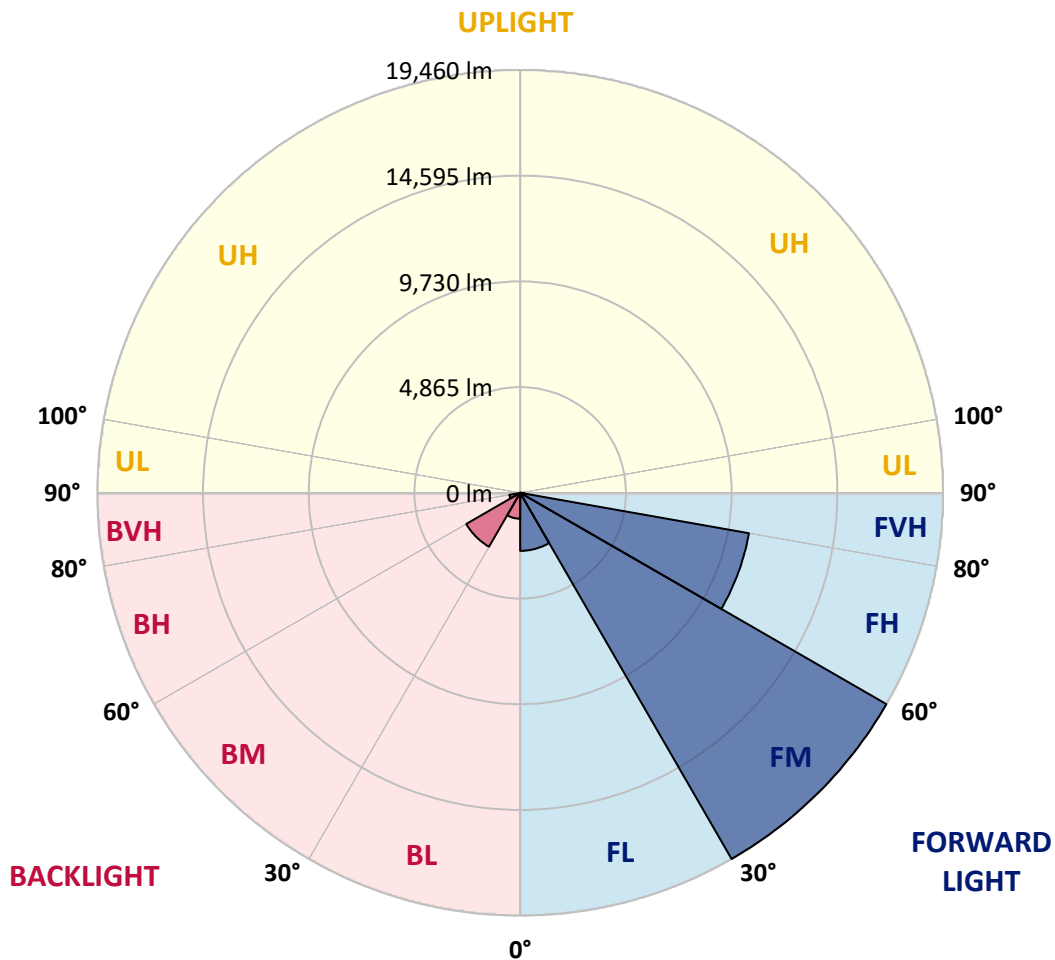
CATALOG NUMBER: GLAN-SB5D-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2671.7	7.1			
FM (30°-60°)	19460.1	51.8			
FH (60°-80°)	10690.6	28.5			G4/12000
FVH (80°-90°)	185.5	0.5			G2/225
BL (0°-30°)	1192.8	3.2	B3/2500		
BM (30°-60°)	2862.7	7.6	B3/5000		
BH (60°-80°)	502.0	1.3	B2/1000		G2/1000
BVH (80°-90°)	10.2	0.0			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2
2.5°	5266.3	5276.9	5266.3	5276.9	5298.3	5287.6	5330.4	5319.7	5319.7	5309.0	5266.3
5°	4967.2	4977.8	4999.2	5052.6	5127.4	5202.2	5298.3	5362.4	5426.5	5415.8	5373.1
7.5°	4379.7	4401.0	4486.5	4593.3	4839.0	5063.3	5309.0	5469.2	5608.1	5650.8	5618.8
10°	4048.5	4069.9	4123.3	4230.1	4454.4	4828.3	5309.0	5640.1	5885.8	5971.3	5982.0
12.5°	4016.5	4027.1	4069.9	4187.4	4379.7	4700.1	5298.3	5864.5	6281.1	6409.2	6452.0
15°	4037.8	4059.2	4101.9	4198.1	4422.4	4785.6	5383.8	6217.0	6804.5	6986.1	6996.8
17.5°	4123.3	4144.6	4198.1	4304.9	4550.6	5009.9	5650.8	6580.2	7434.7	7637.7	7755.2
20°	4294.2	4304.9	4369.0	4507.8	4785.6	5287.6	6046.1	7071.5	8193.2	8492.3	8577.7
22.5°	4518.5	4550.6	4636.0	4806.9	5159.4	5672.2	6590.8	7669.7	9026.4	9336.1	9485.7
25°	4764.2	4806.9	4935.1	5212.9	5661.5	6259.7	7263.8	8460.2	10009.1	10383.0	10585.9
27.5°	5266.3	5276.9	5362.4	5714.9	6291.7	7028.8	8118.4	9475.0	11162.8	11600.7	11825.1
30°	6366.5	6377.2	6302.4	6398.6	6986.1	7936.8	9122.5	10660.7	12508.7	13117.6	13299.2
32.5°	7712.5	7765.9	7755.2	7691.1	7958.1	8844.8	10318.9	12081.4	14089.7	14730.6	14901.5
35°	9240.0	9368.2	9336.1	9314.8	9346.8	10009.1	11686.2	13651.7	15884.3	16664.0	16802.9
37.5°	10735.5	10767.5	10917.1	11098.7	11120.0	11579.4	13267.1	15318.1	17550.7	18544.1	18757.7
40°	11889.2	11996.0	12369.8	12733.0	13106.9	13470.1	14570.4	16664.0	18875.2	20210.5	20306.6
42.5°	12786.4	13042.8	13587.6	14153.8	14912.2	15318.1	15809.5	17614.7	19954.1	21695.3	21652.6
45°	13876.0	13982.8	14752.0	15499.7	16268.8	16888.4	16877.7	18415.9	20798.0	22966.5	22699.4
47.5°	14613.1	14741.3	15788.1	16664.0	17454.5	17764.3	17828.4	19281.2	21962.4	24504.7	23874.4
50°	15008.3	15232.6	16375.6	17486.6	18341.1	18437.3	18725.7	20413.5	23489.9	26545.0	25359.3
52.5°	15051.0	15264.7	16578.6	18010.0	18939.3	19131.6	19623.0	21695.3	24974.7	28179.3	26213.8
55°	14164.4	14292.6	16332.9	18095.4	19409.3	19858.0	20862.1	22881.0	25839.9	28937.8	26139.0
57.5°	13331.2	13459.4	15232.6	17945.9	19890.0	20808.7	22186.7	23692.9	25167.0	27997.7	24472.6
60°	12615.5	12679.6	14292.6	17251.6	20071.6	21738.0	23329.7	22891.7	23425.8	25743.8	21620.5
62.5°	11269.6	11312.3	13224.4	16001.8	19708.4	22453.7	23724.9	21193.2	21513.7	22635.3	18266.4
65°	8513.6	8673.8	10425.7	15061.7	19110.2	22784.9	22806.2	19120.9	18789.8	18522.7	14367.4
67.5°	5779.0	5960.6	7018.1	13544.9	18138.2	22923.7	21022.3	16439.7	14314.0	12936.0	9410.9
70°	4614.7	4614.7	4977.8	10885.0	15830.8	21150.5	18811.1	12412.6	9090.4	7146.3	5041.9
72.5°	3033.7	3044.4	3386.2	6911.3	11226.9	16129.9	15339.5	7178.4	4721.5	3642.6	2488.9
75°	1100.3	1100.3	1484.8	2766.7	5939.2	9603.2	9346.8	3428.9	2563.7	1986.9	1506.2
77.5°	587.5	608.9	715.7	1143.0	2275.3	3909.6	3653.3	1751.9	1452.8	1239.1	940.0
80°	395.2	405.9	480.7	705.0	1100.3	1506.2	1175.0	982.8	982.8	833.2	630.2
82.5°	213.6	224.3	320.5	459.3	587.5	705.0	566.2	576.8	694.3	566.2	363.2
85°	149.5	149.5	245.7	331.1	331.1	341.8	245.7	363.2	405.9	352.5	245.7
87.5°	85.5	85.5	138.9	160.2	160.2	149.5	74.8	128.2	160.2	181.6	106.8
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: P1458438

CATALOG NUMBER: GLAN-SB5D-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2	5234.2
2.5°	5255.6	5223.5	5159.4	5031.3	4967.2	4881.7	4806.9	4710.8	4689.4	4678.8	4636.0
5°	5341.0	5276.9	5084.7	4806.9	4571.9	4347.6	4123.3	3995.1	3888.3	3834.9	3824.2
7.5°	5554.7	5426.5	5074.0	4582.6	4144.6	3760.1	3428.9	3140.5	2991.0	2862.8	2873.5
10°	5875.1	5672.2	5095.4	4369.0	3717.4	3097.8	2617.1	2200.5	1901.4	1762.5	1751.9
12.5°	6302.4	6014.0	5170.1	4155.3	3193.9	2328.7	1719.8	1474.1	1410.0	1399.4	1388.7
15°	6825.8	6419.9	5244.9	3877.6	2488.9	1613.0	1399.4	1345.9	1335.3	1324.6	1324.6
17.5°	7456.1	6889.9	5287.6	3407.6	1816.0	1388.7	1313.9	1281.8	1271.2	1260.5	1260.5
20°	8246.6	7413.4	5341.0	2809.4	1538.2	1335.3	1249.8	1207.1	1196.4	1196.4	1185.7
22.5°	9026.4	8000.9	5298.3	2286.0	1484.8	1271.2	1175.0	1132.3	1110.9	1110.9	1100.3
25°	9923.7	8599.1	5170.1	2061.6	1474.1	1217.8	1100.3	1036.2	1004.1	993.4	993.4
27.5°	10949.1	9282.7	4967.2	2072.3	1474.1	1175.0	1004.1	918.7	897.3	875.9	875.9
30°	12124.2	10115.9	4817.6	2211.2	1495.5	1132.3	918.7	811.8	779.8	758.4	769.1
32.5°	13470.1	11045.3	4806.9	2435.5	1527.5	1068.2	822.5	705.0	673.0	662.3	673.0
35°	14997.6	12198.9	5052.6	2606.4	1442.1	929.3	705.0	608.9	576.8	576.8	587.5
37.5°	16696.1	13523.5	5383.8	2563.7	1164.3	737.1	608.9	534.1	502.1	512.7	523.4
40°	18245.0	14559.7	5437.2	2189.8	875.9	630.2	523.4	470.0	448.6	459.3	470.0
42.5°	19420.0	15392.9	4924.4	1698.5	737.1	534.1	448.6	405.9	395.2	416.6	416.6
45°	20370.7	15724.0	4112.6	1260.5	651.6	459.3	395.2	373.9	352.5	363.2	363.2
47.5°	21364.2	15777.4	3354.2	1014.8	576.8	416.6	363.2	341.8	320.5	320.5	320.5
50°	22325.5	15649.2	2563.7	897.3	534.1	373.9	331.1	309.8	288.4	277.7	277.7
52.5°	22560.5	14623.8	1880.0	833.2	491.4	352.5	309.8	288.4	267.1	256.4	256.4
55°	21908.9	12679.6	1474.1	747.7	448.6	320.5	288.4	267.1	235.0	224.3	224.3
57.5°	19761.8	9667.3	1175.0	640.9	405.9	309.8	267.1	245.7	213.6	203.0	203.0
60°	16973.8	6857.9	950.7	523.4	373.9	277.7	245.7	213.6	192.3	170.9	170.9
62.5°	13886.7	4924.4	769.1	438.0	352.5	245.7	224.3	192.3	149.5	117.5	117.5
65°	10650.0	3535.8	598.2	352.5	320.5	213.6	192.3	160.2	117.5	85.5	85.5
67.5°	6889.9	2286.0	448.6	309.8	245.7	181.6	149.5	128.2	106.8	74.8	64.1
70°	3631.9	1335.3	331.1	267.1	181.6	138.9	128.2	106.8	85.5	53.4	53.4
72.5°	1880.0	875.9	245.7	235.0	138.9	96.1	106.8	85.5	64.1	32.0	32.0
75°	1207.1	587.5	181.6	192.3	85.5	74.8	74.8	53.4	32.0	21.4	10.7
77.5°	779.8	395.2	128.2	160.2	53.4	42.7	42.7	21.4	10.7	0.0	0.0
80°	459.3	245.7	85.5	106.8	21.4	21.4	10.7	0.0	0.0	0.0	0.0
82.5°	235.0	128.2	42.7	42.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	149.5	64.1	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	74.8	21.4	10.7	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u': 0.2249
 CIE v': 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 Rf: 81.8
 Rg: 98.6

CRI (Ra):	80.2		
R1:	78.9	R9:	6.7
R2:	83.5	R10:	61.9
R3:	88.3	R11:	81.9
R4:	82.1	R12:	58.9
R5:	78.8	R13:	79.2
R6:	78.4	R14:	93.2
R7:	85.8	R15:	71.9
R8:	65.8		



Test Conditions

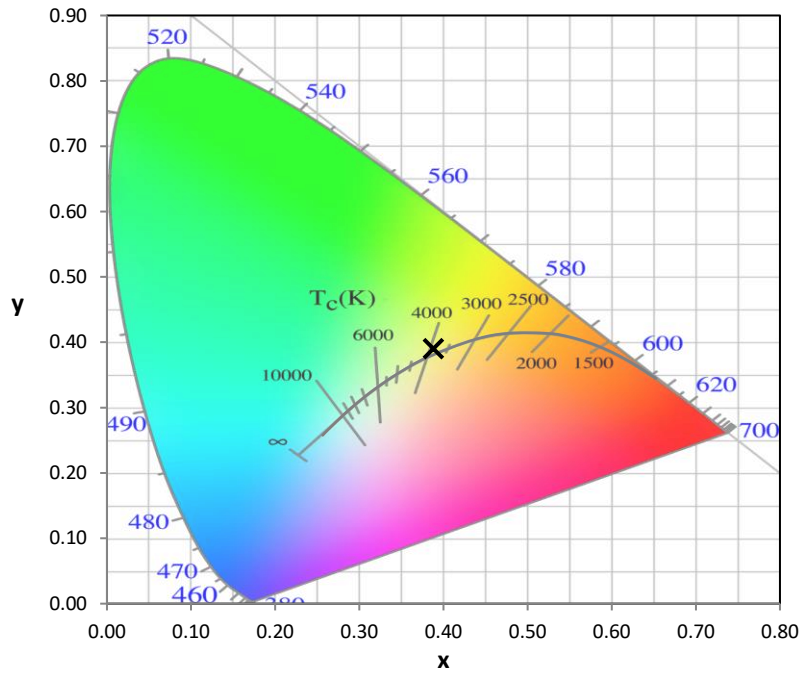
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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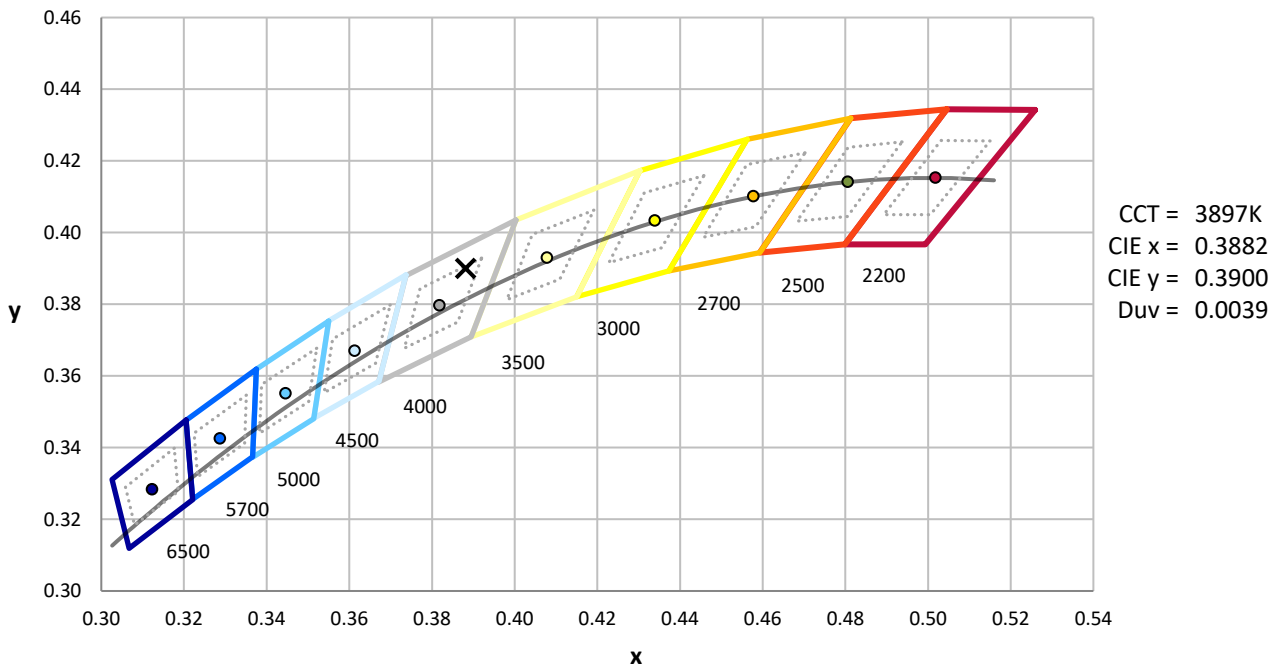
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 4000K 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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

Summary

$R_f = 81.8$
 $R_g = 98.6$
 CIE $R_a = 80.2$
 $R_9 = 6.7$



Color Vector Graphics



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

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)