

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: P1457859

Luminaire Tested: GLAN-SB5A-840-U-T2LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457859
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB5A-840-U-T2LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (130) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

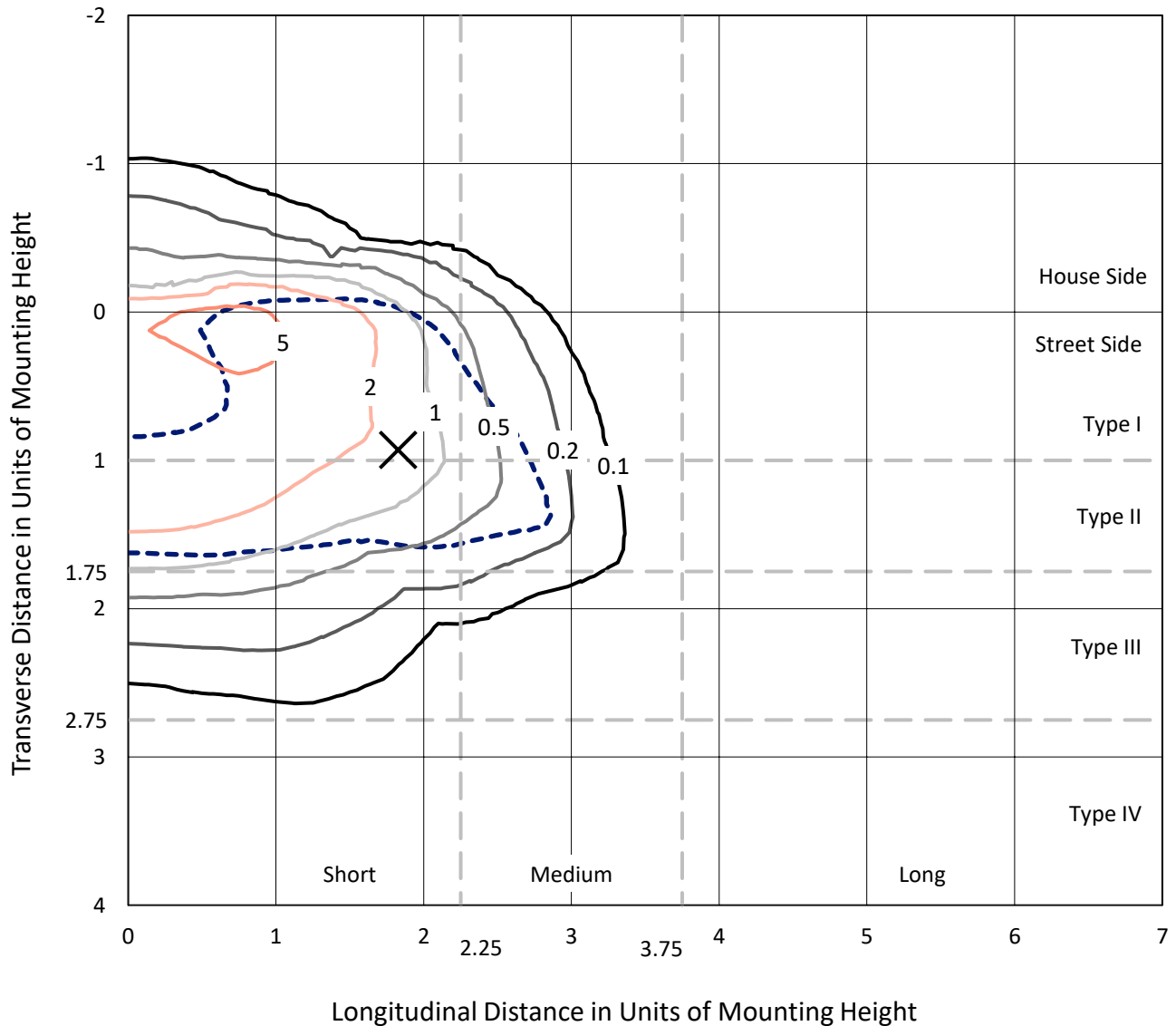
Lumens per Lamp: N/A
Luminaire Lumens: 15697.9 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 141.7
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: P1457859
 CATALOG NUMBER: GLAN-SB5A-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

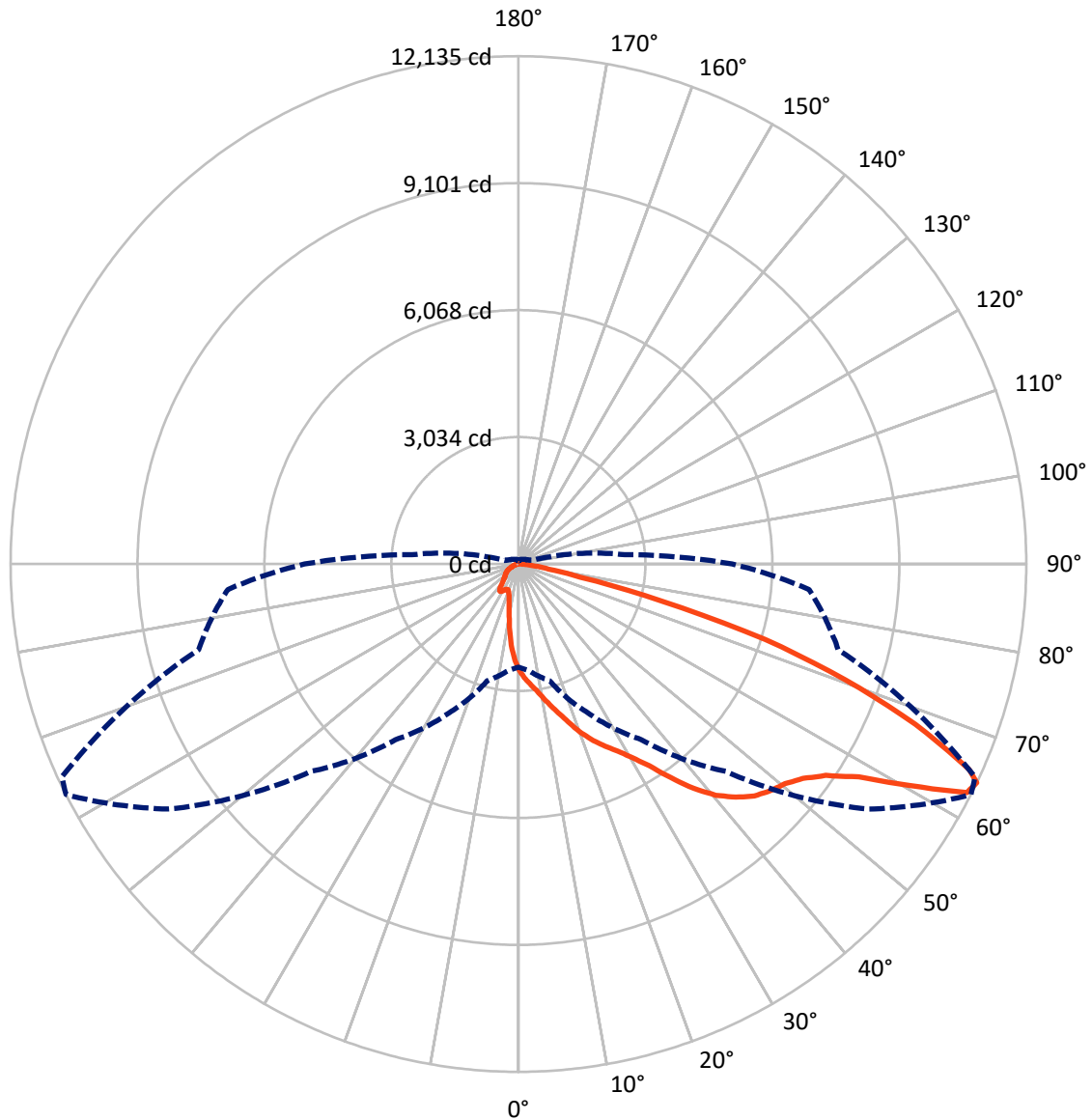
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SB5A-840-U-T2LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

REPORT NUMBER: P1457859

CATALOG NUMBER: GLAN-SB5A-840-U-T2LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1862.8	0.0	1862.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	13835.1	0.0	13835.1
	% Fixture	88.1	0.0	88.1
Total	Lumens	15697.9	0.0	15697.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.7	1.4
10°-20°	600.6	3.8
20°-30°	1069.7	6.8
30°-40°	2043.2	13.0
40°-50°	3386.7	21.6
50°-60°	4221.6	26.9
60°-70°	3147.9	20.1
70°-80°	902.8	5.8
80°-90°	111.6	0.7
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°	15697.9	100.0
0°-180°	15697.9	100.0



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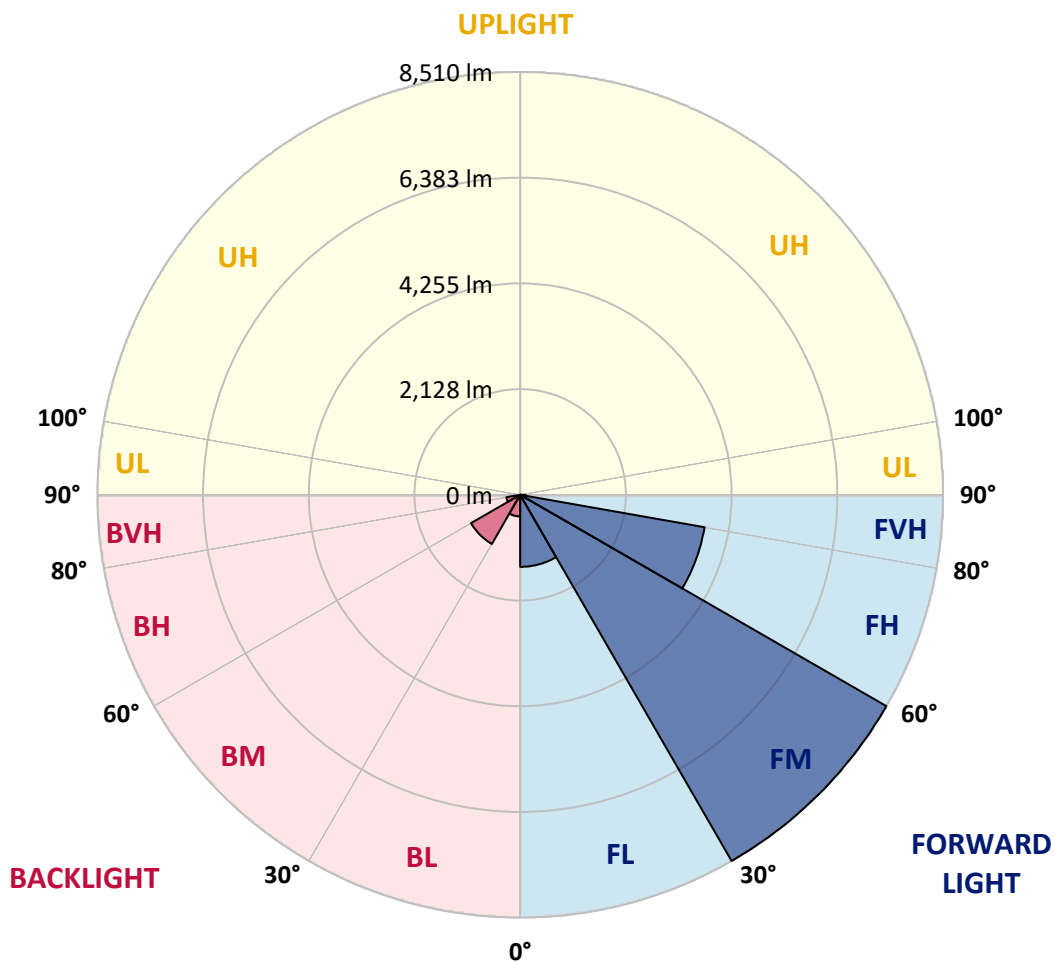
CATALOG NUMBER: GLAN-SB5A-840-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1449.5	9.2			
FM	(30°-60°)	8510.5	54.2			
FH	(60°-80°)	3768.9	24.0			G2/5000
FVH	(80°-90°)	106.1	0.7			G2/225
BL	(0°-30°)	434.6	2.8	B1/500		
BM	(30°-60°)	1141.0	7.3	B2/2500		
BH	(60°-80°)	281.7	1.8	B1/500		G1/500
BVH	(80°-90°)	5.5	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-G2

Type II Short





REPORT NUMBER: P1457859
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2
2.5°	2844.3	2834.8	2825.4	2811.3	2792.5	2773.6	2750.1	2717.1	2703.0	2655.9	2599.4
5°	2990.2	2990.2	2985.5	2976.1	2966.7	2947.8	2919.6	2877.2	2858.4	2792.5	2693.6
7.5°	3027.9	3032.6	3046.7	3065.6	3093.8	3089.1	3089.1	3042.0	3032.6	2962.0	2830.1
10°	2962.0	2966.7	3004.4	3056.2	3140.9	3221.0	3277.5	3249.2	3235.1	3164.5	2999.6
12.5°	2867.8	2867.8	2929.0	3009.1	3140.9	3291.6	3456.4	3484.7	3489.4	3409.3	3211.6
15°	2622.9	2632.3	2731.2	2891.3	3108.0	3343.4	3621.2	3729.5	3757.8	3706.0	3470.6
17.5°	2298.0	2307.4	2406.3	2622.9	2947.8	3343.4	3762.5	4012.1	4049.8	4059.2	3800.2
20°	2161.4	2161.4	2218.0	2382.8	2721.8	3253.9	3847.3	4313.5	4398.2	4501.8	4162.8
22.5°	2180.3	2180.3	2213.2	2307.4	2580.5	3131.5	3899.1	4581.9	4756.1	5019.8	4629.0
25°	2283.9	2283.9	2312.1	2373.3	2594.7	3112.7	3998.0	4822.0	5099.9	5599.0	5161.1
27.5°	2448.7	2444.0	2467.5	2528.7	2731.2	3202.1	4162.8	5062.2	5373.0	6248.9	5773.3
30°	2688.9	2674.7	2684.1	2754.8	2952.6	3409.3	4402.9	5368.3	5683.8	6959.9	6451.4
32.5°	3244.5	3239.8	3103.2	3065.6	3277.5	3743.7	4732.6	5749.7	6102.9	7713.4	7148.3
35°	4247.5	4313.5	4120.4	3625.9	3668.3	4191.0	5203.5	6267.7	6592.6	8513.9	7906.5
37.5°	5264.7	5264.7	5184.6	4600.7	4304.0	4685.5	5712.0	6799.8	7138.9	9159.1	8636.4
40°	6069.9	6112.3	6018.1	5580.2	5194.1	5250.6	6220.6	7266.0	7576.8	9554.6	9154.3
42.5°	6668.0	6658.6	6620.9	6333.6	6117.0	5989.9	6682.1	7614.5	7911.2	9757.1	9479.3
45°	7313.1	7313.1	7261.3	7025.9	6846.9	6738.6	7025.9	7906.5	8217.2	9879.5	9681.8
47.5°	7986.5	7977.1	7925.3	7666.3	7473.2	7313.1	7374.3	8094.8	8405.6	9799.5	9714.7
50°	8151.3	8141.9	8259.6	8269.0	8094.8	7788.7	7652.2	8254.9	8528.0	9804.2	9818.3
52.5°	7958.3	8014.8	8189.0	8400.9	8598.7	8278.5	7948.8	8509.2	8791.7	9936.0	10077.3
55°	7477.9	7501.5	7835.8	8174.9	8636.4	8749.4	8424.4	8914.2	9163.8	10063.2	10308.1
57.5°	6583.2	6672.7	7030.6	7619.2	8320.8	8791.7	9253.2	9592.3	9780.6	10115.0	10180.9
60°	4968.0	5015.1	5792.1	6555.0	7666.3	8452.7	10025.5	10741.3	10717.7	9531.1	9290.9
62.5°	3023.2	3065.6	3621.2	4831.5	6230.0	7746.3	10284.5	12026.8	11899.7	8546.9	7821.7
64°	2462.8	2542.9	2886.6	3922.6	5123.4	7007.0	10209.2	12135.2	12036.3	7911.2	6969.4
65°	2104.9	2213.2	2566.4	3404.6	4355.8	6211.2	10002.0	11833.8	11767.9	7525.0	6263.0
67.5°	1323.2	1375.0	1897.7	2646.5	2999.6	3974.4	8598.7	10232.7	10350.4	6705.7	4619.6
70°	984.2	1007.7	1304.4	2048.4	2340.4	2312.1	5905.1	8287.9	8316.1	5363.6	2787.7
72.5°	715.8	720.5	913.6	1516.3	1831.8	1577.5	3112.7	6159.4	5956.9	3140.9	1521.0
75°	475.6	494.4	640.4	1068.9	1426.8	1158.4	1417.4	3508.2	3447.0	1535.1	871.2
77.5°	348.5	353.2	433.2	715.8	1120.7	852.3	857.0	1511.6	1558.7	913.6	551.0
80°	197.8	207.2	282.5	437.9	729.9	583.9	480.3	729.9	838.2	621.6	367.3
82.5°	117.7	127.1	202.5	287.3	499.2	240.2	244.9	400.3	499.2	447.4	197.8
85°	70.6	75.3	127.1	155.4	296.7	160.1	89.5	197.8	259.0	263.7	108.3
87.5°	47.1	47.1	70.6	65.9	84.8	75.3	37.7	51.8	65.9	89.5	42.4
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: P1457859

CATALOG NUMBER: GLAN-SB5A-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2	2538.2
2.5°	2552.3	2524.0	2439.3	2326.3	2222.7	2142.6	2043.7	1977.8	1916.6	1916.6	1864.8
5°	2613.5	2538.2	2331.0	2072.0	1794.1	1530.4	1360.9	1172.5	1111.3	1059.5	1068.9
7.5°	2717.1	2580.5	2213.2	1747.0	1304.4	1021.9	833.5	748.7	711.1	687.5	692.2
10°	2844.3	2655.9	2072.0	1417.4	960.6	748.7	659.3	626.3	612.2	607.5	607.5
12.5°	3018.5	2745.4	1930.7	1139.6	758.2	645.1	598.0	579.2	565.1	555.7	555.7
15°	3225.7	2858.4	1765.9	937.1	664.0	593.3	555.7	536.8	518.0	513.3	513.3
17.5°	3489.4	2976.1	1619.9	805.2	616.9	555.7	518.0	494.4	480.3	475.6	475.6
20°	3781.3	3122.1	1473.9	729.9	583.9	518.0	480.3	461.5	447.4	437.9	442.6
22.5°	4153.4	3305.7	1379.7	692.2	555.7	485.0	447.4	428.5	414.4	405.0	409.7
25°	4563.0	3536.5	1327.9	692.2	536.8	461.5	419.1	400.3	386.1	376.7	376.7
27.5°	5062.2	3795.5	1332.7	720.5	532.1	442.6	395.6	376.7	362.6	348.5	348.5
30°	5613.2	4101.6	1384.5	772.3	541.5	423.8	376.7	348.5	339.0	324.9	324.9
32.5°	6197.1	4454.7	1516.3	838.2	532.1	400.3	348.5	324.9	310.8	301.4	301.4
35°	6814.0	4855.0	1681.1	866.5	485.0	367.3	324.9	301.4	292.0	287.3	282.5
37.5°	7402.6	5203.5	1770.6	810.0	423.8	339.0	296.7	273.1	268.4	259.0	259.0
40°	7859.4	5490.7	1718.8	692.2	390.8	310.8	273.1	249.6	240.2	230.7	230.7
42.5°	8127.8	5594.3	1530.4	588.6	367.3	282.5	249.6	226.0	216.6	211.9	211.9
45°	8283.2	5580.2	1309.1	527.4	343.8	259.0	226.0	211.9	197.8	193.1	188.4
47.5°	8278.5	5434.2	1149.0	475.6	320.2	240.2	211.9	197.8	183.7	178.9	178.9
50°	8245.5	5217.6	970.1	437.9	301.4	226.0	197.8	188.4	174.2	169.5	164.8
52.5°	8325.6	5095.2	810.0	414.4	277.8	216.6	193.1	178.9	160.1	155.4	155.4
55°	8424.4	5024.5	649.8	390.8	259.0	211.9	183.7	169.5	150.7	146.0	146.0
57.5°	8137.2	4756.1	536.8	353.2	235.5	202.5	174.2	164.8	146.0	131.9	131.9
60°	7233.1	3932.0	442.6	310.8	216.6	188.4	164.8	150.7	131.9	113.0	113.0
62.5°	5881.6	2999.6	367.3	263.7	202.5	174.2	150.7	136.6	113.0	89.5	89.5
64°	5109.3	2547.6	329.6	230.7	193.1	160.1	136.6	122.4	98.9	75.3	70.6
65°	4581.9	2250.9	306.1	216.6	188.4	150.7	131.9	117.7	89.5	70.6	65.9
67.5°	3225.7	1511.6	244.9	178.9	164.8	127.1	113.0	98.9	80.1	61.2	56.5
70°	1878.9	857.0	193.1	150.7	127.1	98.9	94.2	89.5	70.6	47.1	47.1
72.5°	1021.9	428.5	146.0	122.4	98.9	70.6	80.1	70.6	56.5	37.7	33.0
75°	626.3	263.7	108.3	89.5	65.9	51.8	61.2	51.8	33.0	23.5	18.8
77.5°	419.1	169.5	80.1	61.2	42.4	33.0	42.4	28.3	14.1	4.7	4.7
80°	259.0	117.7	51.8	37.7	23.5	14.1	9.4	4.7	4.7	0.0	0.0
82.5°	113.0	75.3	28.3	18.8	9.4	4.7	4.7	0.0	0.0	0.0	0.0
85°	61.2	23.5	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.8	9.4	4.7	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

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

REPORT NUMBER: SP1-2407-184-11

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



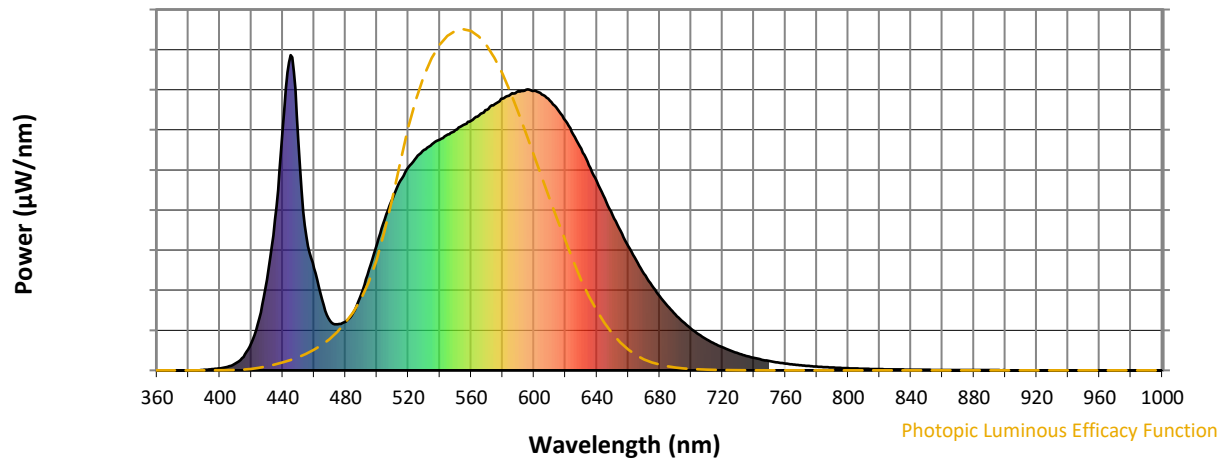
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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



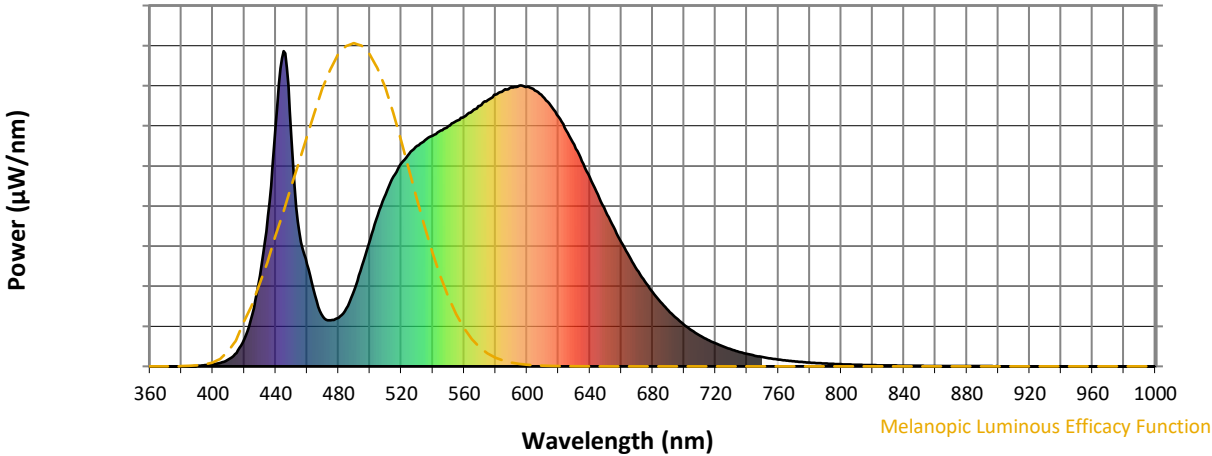
Scotopic Lumens: NR

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			

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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

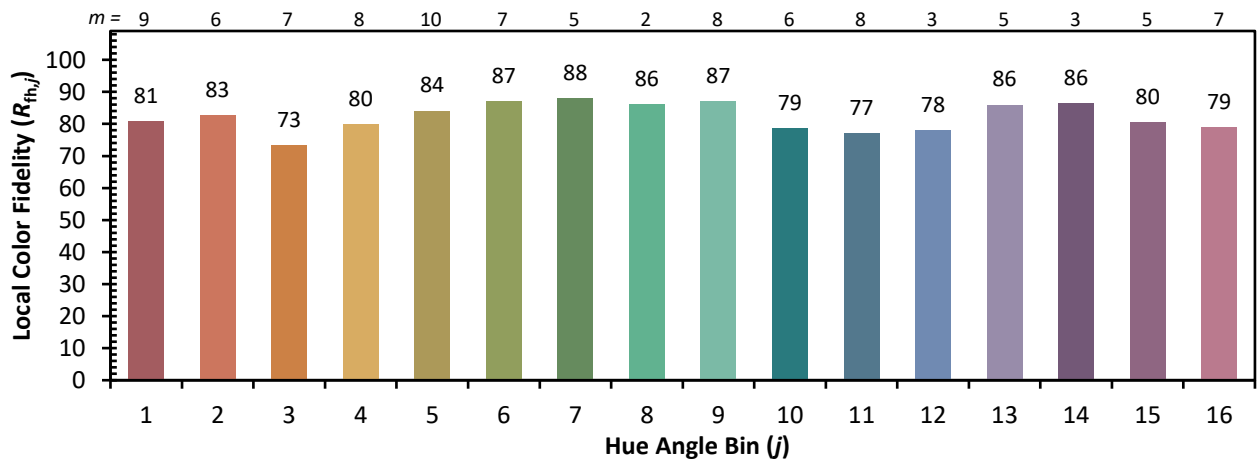


Individual Sample Fidelity Index ($R_{f,i}$)

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)