

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: P1456130

Luminaire Tested: GLAN-SB4D-840-U-T2LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456130
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4D-840-U-T2LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square
PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source: (104) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37734.6 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G4

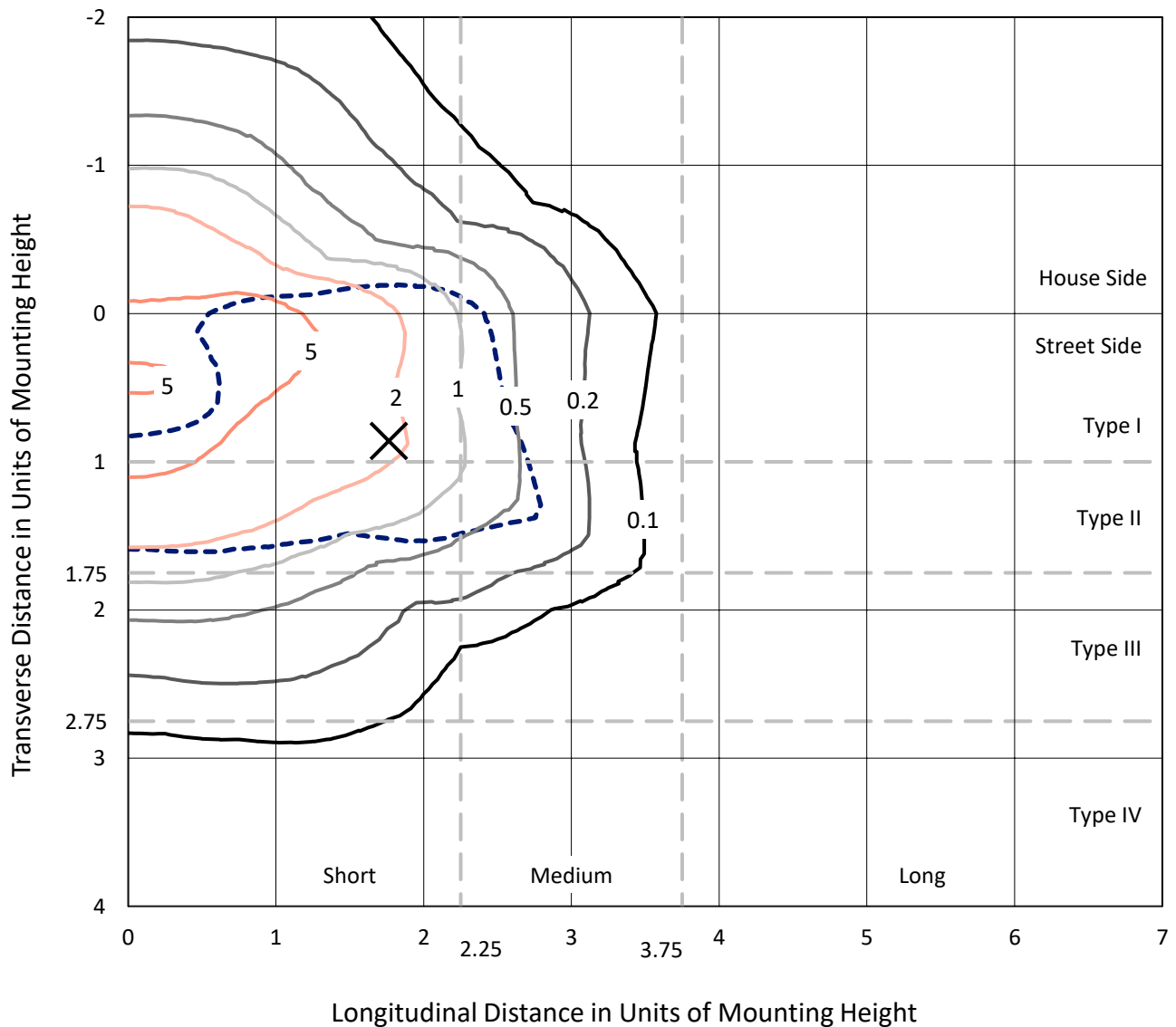
Input Watts (W): 293.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB4D-840-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

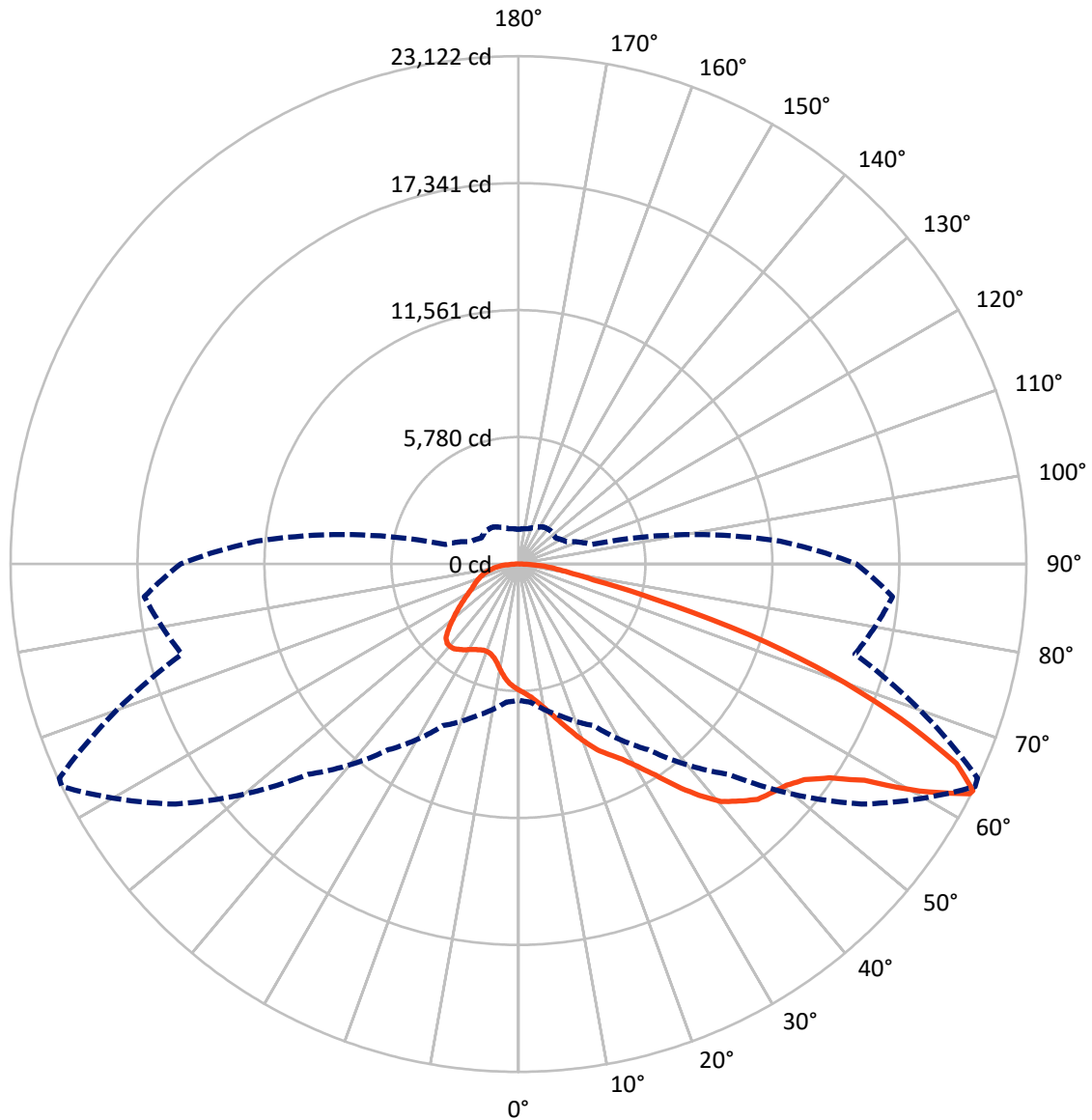


Based on 30 foot mounting height. Maximum calculated value = 9.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10138.2	0.0	10138.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	27596.4	0.0	27596.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	37734.6	0.0	37734.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	527.6	1.4
10°-20°	1624.3	4.3
20°-30°	2970.2	7.9
30°-40°	5109.3	13.5
40°-50°	7534.8	20.0
50°-60°	9031.0	23.9
60°-70°	7248.2	19.2
70°-80°	2912.5	7.7
80°-90°	776.6	2.1
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°	37734.6	100.0
0°-180°	37734.6	100.0



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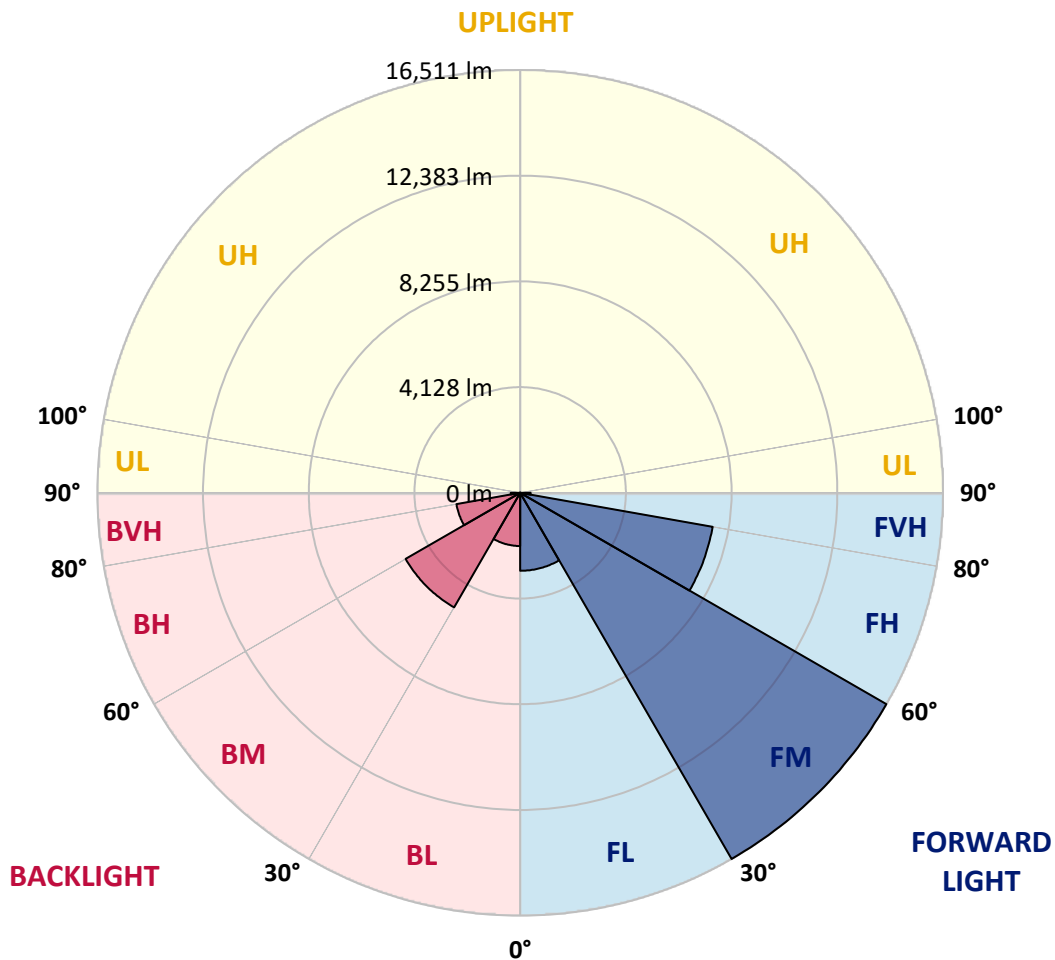
CATALOG NUMBER: GLAN-SB4D-840-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3044.5	8.1			
FM (30°-60°)	16510.9	43.8			
FH (60°-80°)	7633.0	20.2			G4/12000
FVH (80°-90°)	408.0	1.1			G3/500
BL (0°-30°)	2077.7	5.5	B3/2500		
BM (30°-60°)	5164.2	13.7	B4/8500		
BH (60°-80°)	2527.8	6.7	B4/5000		G4/5000
BVH (80°-90°)	368.6	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5
2.5°	5983.9	5992.3	5966.9	5958.4	5975.4	5941.5	5933.0	5899.1	5882.2	5848.3	5805.9
5°	6153.4	6161.9	6144.9	6144.9	6161.9	6136.4	6128.0	6094.1	6077.1	6043.2	5958.4
7.5°	6144.9	6153.4	6170.3	6238.1	6322.9	6356.8	6382.2	6356.8	6348.3	6297.5	6212.7
10°	6009.3	6017.8	6060.2	6161.9	6373.8	6526.3	6687.4	6687.4	6704.3	6661.9	6509.4
12.5°	5822.8	5831.3	5933.0	6094.1	6373.8	6636.5	6967.1	7102.7	7094.2	7068.8	6890.8
15°	5373.6	5373.6	5526.2	5831.3	6280.5	6712.8	7204.4	7568.8	7577.3	7602.7	7390.8
17.5°	4992.2	5000.7	5127.8	5399.0	5983.9	6670.4	7458.6	8085.9	8111.3	8255.4	7950.2
20°	5026.1	5026.1	5068.5	5187.2	5661.8	6500.9	7602.7	8636.8	8721.5	9060.6	8679.2
22.5°	5288.9	5288.9	5322.8	5314.3	5602.5	6390.7	7696.0	9187.7	9340.3	10043.7	9552.2
25°	5772.0	5763.5	5729.6	5678.7	5848.3	6509.4	7907.9	9611.5	9908.1	11128.6	10560.8
27.5°	6365.3	6348.3	6297.5	6212.7	6331.4	6865.3	8272.3	10060.7	10382.8	12315.2	11628.7
30°	7102.7	7051.8	7001.0	6890.8	7017.9	7450.2	8814.8	10696.4	11001.5	13662.9	12917.0
32.5°	7975.7	8035.0	7865.5	7712.9	7848.5	8246.9	9620.0	11450.7	11781.3	15069.9	14256.2
35°	9280.9	9458.9	9408.1	8636.8	8763.9	9204.6	10560.8	12425.4	12722.1	16349.7	15629.3
37.5°	10569.2	10526.9	10569.2	9925.1	9721.7	10255.6	11569.4	13357.8	13645.9	17392.2	16841.3
40°	11603.3	11730.4	11730.4	11204.9	10942.2	11298.2	12484.8	14213.8	14493.5	17968.6	17714.3
42.5°	12730.6	12747.5	12713.6	12255.9	12154.2	12247.4	13290.0	14756.3	14985.1	18265.2	18307.6
45°	14001.9	13993.4	13849.4	13467.9	13315.4	13230.6	13790.0	15281.8	15510.6	18400.8	18629.7
47.5°	15052.9	15095.3	15103.8	14696.9	14442.7	14078.2	14222.3	15544.5	15807.2	18248.3	18697.5
50°	15112.2	15180.0	15502.1	15620.8	15569.9	14985.1	14620.6	15824.2	16086.9	18282.2	18943.3
52.5°	14739.3	14807.1	15222.4	15714.0	16307.3	16027.6	15247.8	16307.3	16578.5	18612.7	19502.7
55°	13739.2	13849.4	14468.1	15154.6	16214.1	16612.4	16358.2	17180.3	17434.6	18875.5	20155.3
57.5°	11959.3	12094.9	12950.9	14044.3	15493.6	16476.8	17968.6	18578.8	18790.7	19061.9	20163.8
60°	8941.9	9052.1	10391.3	11866.0	14044.3	15629.3	18926.3	20977.4	21096.1	18053.3	19019.6
62.5°	6585.6	6695.8	7594.3	8653.7	11035.4	14069.7	19112.8	23054.0	23071.0	16231.0	17443.1
63°	6204.2	6314.4	7128.1	8119.8	10323.4	13544.2	19053.5	23121.8	23062.5	15858.1	17095.6
65°	4831.2	5026.1	5873.7	6628.0	7738.3	10781.1	18290.6	21918.3	22003.0	14756.3	15349.6
67.5°	3288.6	3432.7	4509.1	5382.1	5848.3	6865.3	15002.1	18756.8	18892.4	13612.0	12247.4
70°	2542.7	2610.5	3237.7	4263.3	4729.5	4365.0	9781.0	15103.8	15103.8	10628.6	8679.2
72.5°	1991.8	2017.2	2441.0	3331.0	3805.6	3356.4	5449.9	10984.6	10577.7	6305.9	5788.9
75°	1423.9	1457.8	1839.2	2483.4	3034.3	2644.4	3483.5	6399.2	6153.4	3627.6	3864.9
77.5°	1127.3	1144.2	1373.1	1830.8	2458.0	2017.2	2652.9	3492.0	3458.1	2551.2	2483.4
80°	890.0	923.9	1076.4	1313.7	1898.6	1576.5	1974.8	2305.4	2237.6	1754.5	1593.4
82.5°	635.7	695.0	830.6	1000.1	1407.0	1127.3	1296.8	1627.3	1627.3	1322.2	1051.0
85°	389.9	440.7	491.6	618.7	1000.1	728.9	686.5	1051.0	1076.4	991.7	678.1
87.5°	186.5	203.4	237.3	262.7	364.5	330.6	271.2	398.4	406.8	440.7	279.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5	5746.5
2.5°	5797.4	5780.5	5695.7	5610.9	5517.7	5432.9	5348.2	5280.4	5204.1	5221.1	5229.5
5°	5907.6	5865.2	5678.7	5458.4	5170.2	4899.0	4636.2	4449.8	4331.1	4297.2	4229.4
7.5°	6144.9	6043.2	5704.2	5238.0	4704.0	4280.2	4034.5	3924.3	3890.4	3898.8	3881.9
10°	6416.1	6263.6	5738.1	4975.3	4297.2	4009.0	3975.1	4042.9	4076.8	4110.7	4119.2
12.5°	6772.1	6526.3	5721.1	4687.1	4102.3	4051.4	4178.5	4305.7	4382.0	4432.8	4424.3
15°	7187.4	6856.9	5670.3	4449.8	4076.8	4212.4	4373.5	4517.6	4610.8	4661.7	4636.2
17.5°	7687.5	7246.8	5610.9	4297.2	4153.1	4314.1	4483.7	4627.8	4729.5	4763.4	4737.9
20°	8306.2	7687.5	5509.2	4229.4	4212.4	4356.5	4509.1	4644.7	4729.5	4763.4	4729.5
22.5°	9035.1	8213.0	5424.5	4229.4	4237.9	4356.5	4466.7	4568.4	4644.7	4670.1	4627.8
25°	9967.5	8823.2	5390.6	4297.2	4246.3	4314.1	4373.5	4432.8	4475.2	4492.1	4475.2
27.5°	10916.7	9526.7	5407.5	4382.0	4237.9	4254.8	4254.8	4263.3	4271.8	4280.2	4271.8
30°	12010.1	10238.7	5475.3	4492.1	4254.8	4170.1	4144.6	4093.8	4051.4	4017.5	3983.6
32.5°	13069.6	10916.7	5594.0	4653.2	4237.9	4076.8	4026.0	3898.8	3780.2	3678.5	3678.5
35°	14213.8	11620.2	5805.9	4771.8	4220.9	3992.1	3848.0	3703.9	3576.8	3432.7	3432.7
37.5°	15197.0	12222.0	5975.4	4907.5	4204.0	3890.4	3661.5	3500.5	3364.9	3220.8	3203.8
40°	15883.5	12569.5	6077.1	4958.3	4144.6	3754.8	3483.5	3280.1	3085.2	2890.2	2881.8
42.5°	16214.1	12552.6	6017.8	4941.4	4034.5	3585.2	3331.0	3059.7	2797.0	2619.0	2602.1
45°	16392.1	12442.4	5788.9	4797.3	3856.5	3407.2	3136.0	2847.8	2585.1	2424.1	2390.2
47.5°	16358.2	12171.2	5475.3	4441.3	3619.1	3212.3	2941.1	2644.4	2432.5	2339.3	2339.3
50°	16451.4	11959.3	5119.3	4034.5	3297.1	2983.5	2763.1	2491.9	2364.7	2246.1	2203.7
52.5°	16866.7	12137.3	4814.2	3653.0	2991.9	2763.1	2610.5	2381.7	2220.6	2144.4	2118.9
55°	17417.6	12518.7	4526.0	3314.0	2695.3	2568.1	2491.9	2280.0	2093.5	2017.2	1974.8
57.5°	17519.3	12781.4	4246.3	2983.5	2449.5	2415.6	2390.2	2102.0	1949.4	1890.1	1856.2
60°	16815.9	12586.5	3881.9	2686.8	2254.5	2271.5	2203.7	1991.8	1813.8	1754.5	1720.6
62.5°	15620.8	12077.9	3517.4	2432.5	2102.0	2135.9	2068.1	1856.2	1678.2	1618.9	1601.9
63°	15383.5	11942.3	3432.7	2407.1	2068.1	2110.5	2051.1	1839.2	1661.2	1601.9	1576.5
65°	13968.0	11128.6	3136.0	2271.5	1957.9	1957.9	1966.4	1754.5	1601.9	1576.5	1559.5
67.5°	11391.4	9289.4	2813.9	2110.5	1839.2	1864.7	1907.0	1788.4	1729.1	1712.1	1695.1
70°	8611.3	6992.5	2534.2	1957.9	1712.1	1796.9	2085.0	2034.2	1813.8	1661.2	1627.3
72.5°	6102.5	4763.4	2288.4	1805.3	1559.5	1771.4	2161.3	1940.9	1635.8	1457.8	1423.9
75°	4085.3	3068.2	2042.7	1644.3	1390.0	1635.8	2042.7	1771.4	1423.9	1381.5	1330.7
77.5°	2568.1	2186.7	1796.9	1457.8	1203.6	1457.8	1856.2	1576.5	1229.0	1245.9	1169.7
80°	1568.0	1559.5	1508.7	1237.5	966.2	1161.2	1559.5	1330.7	983.2	983.2	873.0
82.5°	932.3	1127.3	1279.8	1025.6	703.5	830.6	1127.3	1000.1	822.1	796.7	745.9
85°	627.2	762.8	1017.1	788.2	449.2	508.5	779.8	839.1	754.3	661.1	618.7
87.5°	228.8	305.1	466.2	322.1	194.9	305.1	584.8	610.3	457.7	356.0	322.1
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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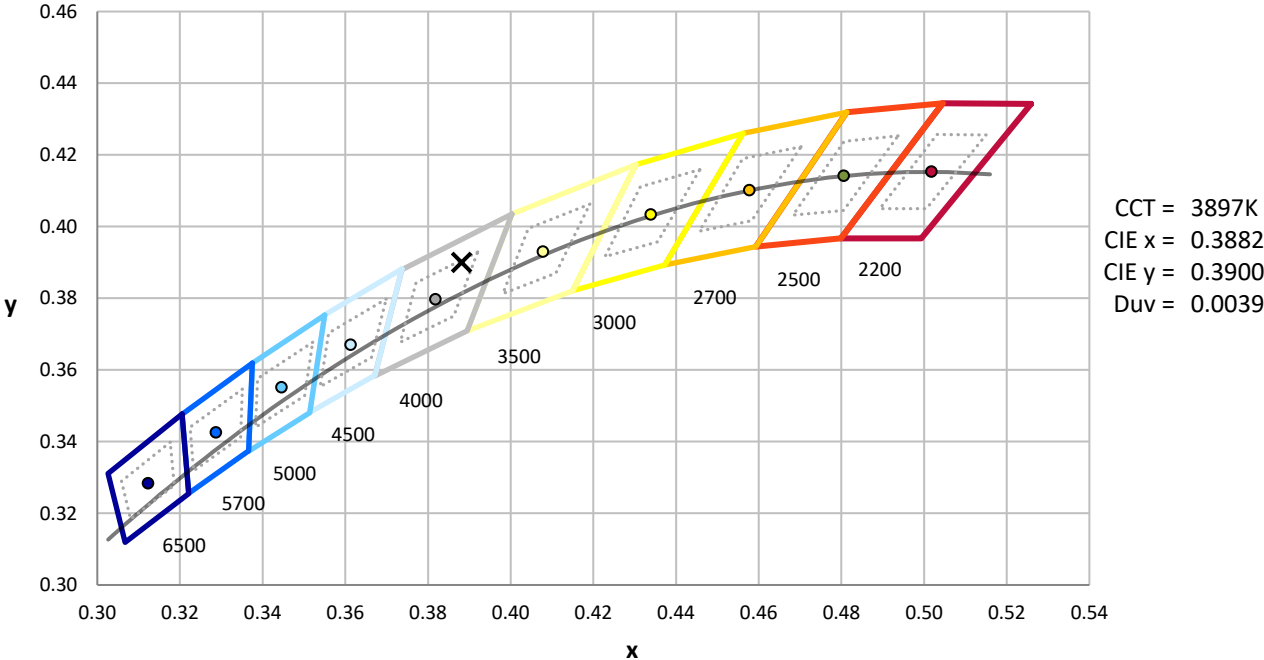
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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

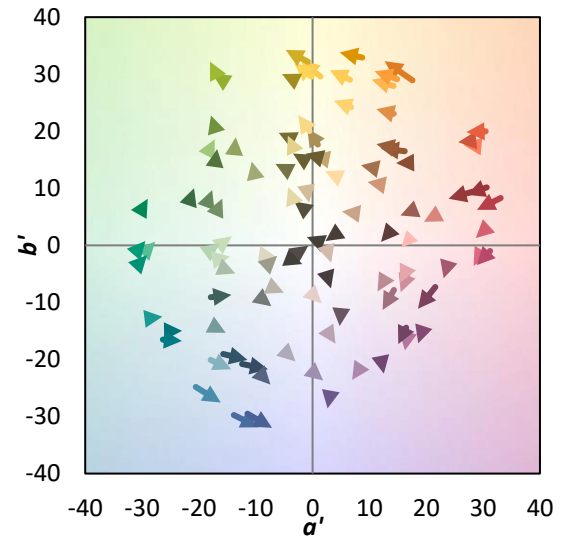
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	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 $R_a = 80.2$
 $R_9 = 6.7$

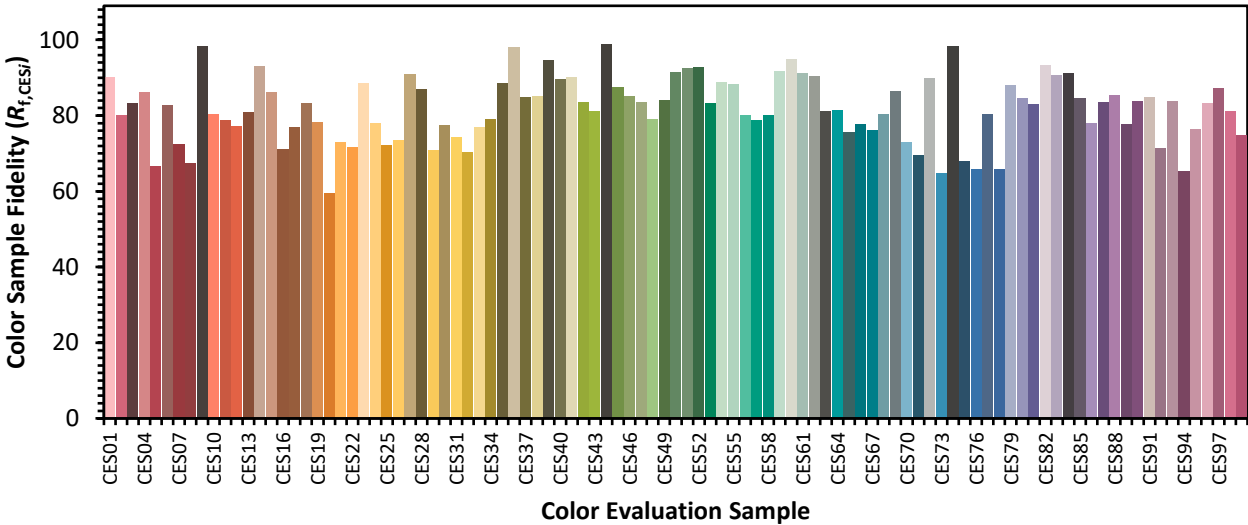


Color Vector Graphics



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)