

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: P1459019

Luminaire Tested: GLAN-SB7A-840-U-T4LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1459019
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB7A-840-U-T4LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 7xLight Square
PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (182) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

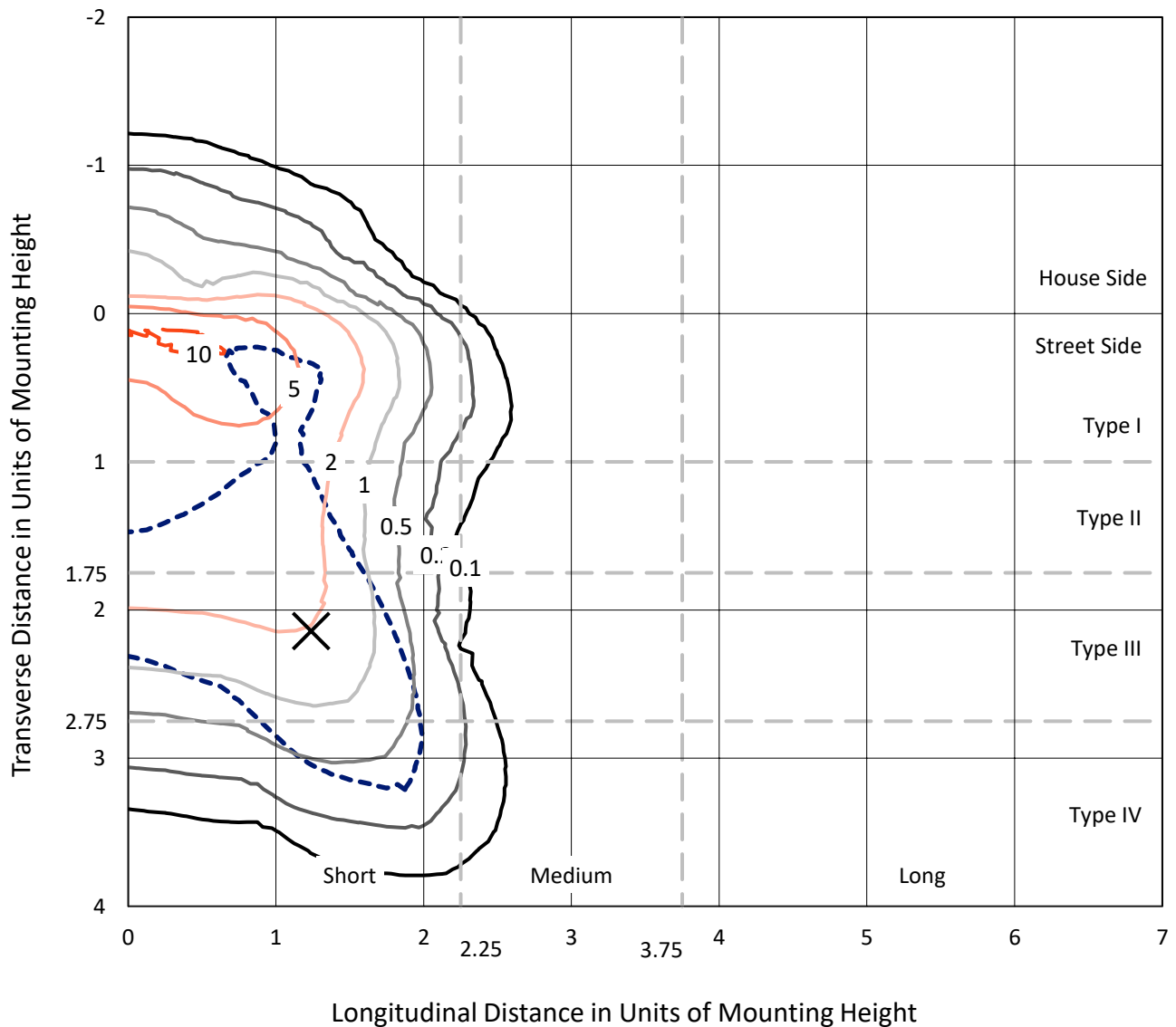
Lumens per Lamp: N/A
Luminaire Lumens: 22124.2 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

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: P1459019
 CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

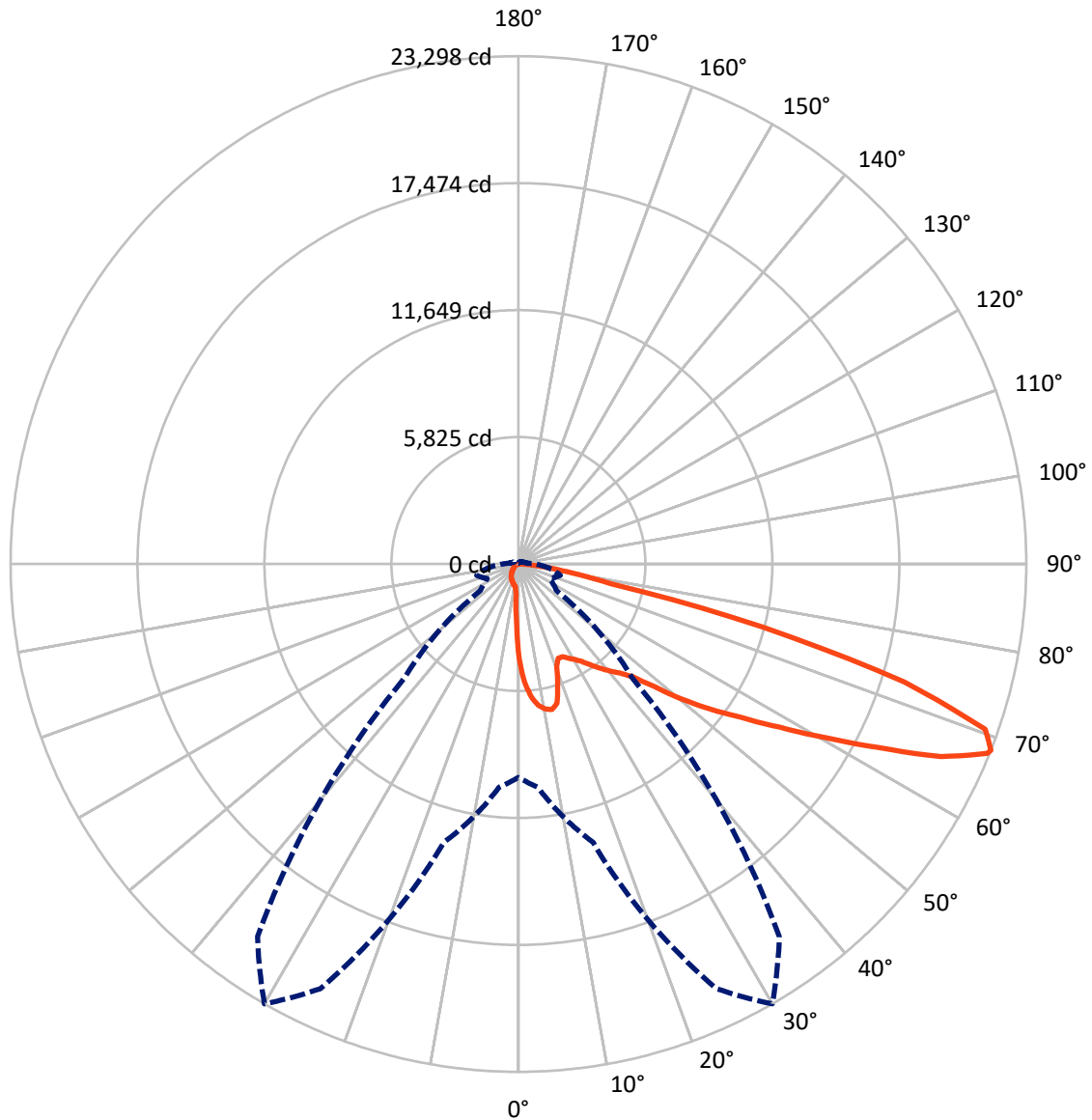
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P1459019
CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1459019

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1688.6	0.0	1688.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	20435.5	0.0	20435.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	22124.2	0.0	22124.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	376.4	1.7
10°-20°	1074.7	4.9
20°-30°	1688.9	7.6
30°-40°	2648.9	12.0
40°-50°	3959.3	17.9
50°-60°	5267.2	23.8
60°-70°	5091.7	23.0
70°-80°	1830.3	8.3
80°-90°	186.8	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°	22124.2	100.0
0°-180°	22124.2	100.0



REPORT NUMBER: P1459019

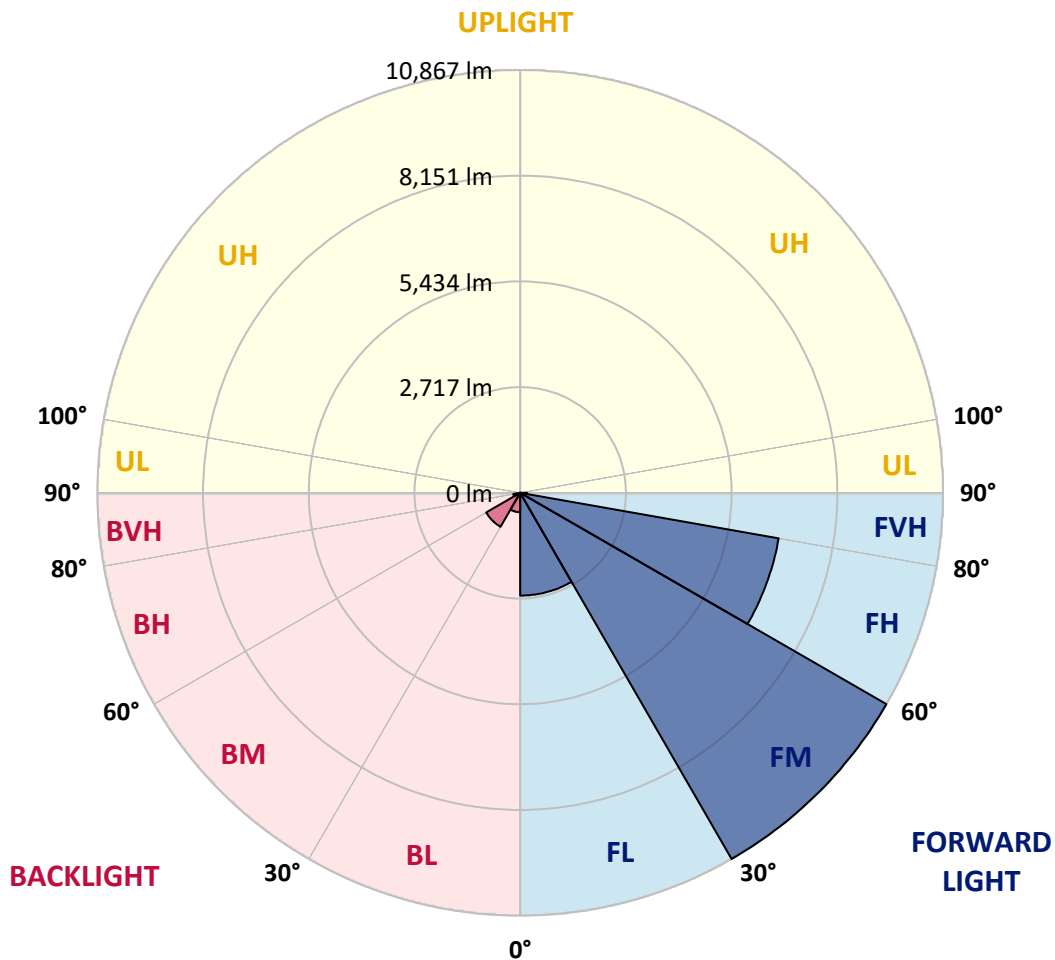
CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2641.6	11.9			
FM	(30°-60°)	10867.4	49.1			
FH	(60°-80°)	6746.4	30.5			G3/7500
FVH	(80°-90°)	180.2	0.8			G2/225
BL	(0°-30°)	498.4	2.3	B1/500		
BM	(30°-60°)	1008.0	4.6	B2/2500		
BH	(60°-80°)	175.6	0.8	B1/500		G1/500
BVH	(80°-90°)	6.6	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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CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6
2.5°	5575.9	5575.9	5536.2	5483.1	5423.4	5403.6	5290.8	5131.7	4966.0	4773.7	4495.2
5°	6292.0	6285.4	6205.8	6205.8	6126.2	6053.3	5940.6	5708.5	5443.3	5098.6	4614.6
7.5°	6610.2	6623.5	6590.3	6590.3	6543.9	6490.9	6424.6	6199.2	5887.5	5423.4	4733.9
10°	6722.9	6729.6	6729.6	6776.0	6762.7	6756.1	6749.5	6623.5	6298.6	5754.9	4859.9
12.5°	6451.1	6484.3	6577.1	6782.6	6848.9	6921.8	7021.3	6981.5	6756.1	6172.6	5052.2
15°	5575.9	5582.6	5841.1	6351.7	6623.5	6902.0	7286.5	7366.1	7220.2	6623.5	5251.1
17.5°	4601.3	4621.2	4826.7	5396.9	5834.5	6477.6	7439.0	7763.9	7710.8	7067.7	5436.7
20°	4196.9	4223.4	4322.8	4680.9	5012.4	5609.1	7286.5	8141.8	8161.7	7511.9	5609.1
22.5°	4104.0	4123.9	4203.5	4482.0	4687.5	5085.3	6769.4	8440.1	8672.2	8022.4	5814.6
25°	4077.5	4097.4	4216.8	4521.7	4714.0	5045.5	6298.6	8599.3	9275.5	8552.9	6013.5
27.5°	4057.6	4084.2	4276.4	4667.6	4893.0	5211.3	6212.4	8632.4	9852.4	9116.4	6338.4
30°	4084.2	4123.9	4375.9	4820.1	5078.7	5436.7	6418.0	8665.6	10488.9	9759.5	6749.5
32.5°	4190.2	4223.4	4528.4	5025.6	5324.0	5728.4	6769.4	8864.5	11092.2	10415.9	7140.6
35°	4309.6	4356.0	4720.6	5317.4	5675.4	6132.9	7246.7	9255.7	11669.0	11039.2	7545.1
37.5°	4455.4	4508.5	4946.1	5648.9	6059.9	6577.1	7763.9	9799.3	12179.5	11549.7	7949.5
40°	4654.3	4714.0	5204.6	6000.3	6444.5	6961.6	8274.4	10336.4	12570.7	11854.7	8214.7
42.5°	5436.7	5516.3	5721.8	6345.0	6842.3	7372.7	8778.3	10846.9	12716.6	11954.1	8267.8
45°	6895.3	6974.9	6921.8	7041.2	7372.7	7870.0	9328.6	11337.5	12736.5	11927.6	8241.2
47.5°	8360.6	8453.4	8407.0	8340.7	8413.6	8652.3	9945.2	11649.1	12630.4	11914.3	8241.2
50°	9759.5	9706.5	9713.1	9693.2	9759.5	9885.5	10541.9	11708.8	12603.9	12040.3	8314.2
52.5°	10508.7	10535.3	10701.0	10946.3	11092.2	11218.2	11224.8	11801.6	12411.6	11828.1	8228.0
55°	11244.7	11297.7	11682.3	12100.0	12424.9	12663.5	11907.7	11741.9	11264.6	11118.7	7777.1
57.5°	12073.5	12146.4	12690.1	13552.0	14122.2	14248.1	12584.0	10628.1	9534.1	10104.3	6902.0
60°	13213.8	13300.0	14022.7	15315.6	16164.2	15905.7	12637.0	8857.8	7571.6	8387.1	5695.3
62.5°	14108.9	14281.3	15587.4	17603.0	18537.8	17715.7	11649.1	6789.2	5290.8	5894.2	4157.1
65°	13154.2	13485.7	15613.9	20221.9	21302.6	19844.0	10097.7	4634.5	2983.6	3812.3	2658.7
67.5°	10634.7	11098.8	13863.6	21494.9	23198.8	20964.4	7949.5	2459.8	1710.6	2214.5	1399.0
68°	9786.1	10290.0	13220.5	21494.9	23298.3	20865.0	7379.3	2128.3	1578.0	1989.0	1213.3
70°	6762.7	7120.8	10164.0	20288.2	22714.8	19021.8	4859.9	1219.9	1186.8	1365.8	802.2
72.5°	3315.1	3699.6	5436.7	16078.0	18504.7	14619.4	2214.5	808.9	901.7	1001.1	629.9
75°	1319.4	1399.0	2141.5	7929.6	11562.9	9328.6	1160.3	610.0	775.7	782.4	497.3
77.5°	755.8	802.2	1186.8	2917.3	4336.1	4170.3	749.2	437.6	616.6	563.6	324.9
80°	424.3	431.0	669.6	1538.2	2479.7	2221.1	510.5	318.2	470.7	397.8	218.8
82.5°	212.2	238.7	424.3	848.7	1379.1	1412.2	271.8	225.4	377.9	285.1	179.0
85°	152.5	165.8	305.0	470.7	636.5	954.7	165.8	112.7	285.1	192.3	126.0
87.5°	79.6	99.5	192.3	232.1	258.6	324.9	79.6	53.0	159.1	112.7	66.3
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: P1459019

CATALOG NUMBER: GLAN-SB7A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6	4362.6
2.5°	4362.6	4210.1	3898.5	3533.9	3248.8	2957.0	2718.4	2492.9	2386.8	2373.6	2400.1
5°	4342.7	4011.2	3301.8	2605.6	2035.4	1637.6	1418.8	1306.1	1246.5	1219.9	1226.6
7.5°	4302.9	3799.1	2665.3	1763.6	1319.4	1147.0	1094.0	1074.1	1067.4	1067.4	1067.4
10°	4263.2	3514.0	2042.1	1292.9	1080.7	1034.3	1021.0	1021.0	1014.4	1014.4	1021.0
12.5°	4243.3	3248.8	1584.6	1080.7	1007.8	987.9	974.6	968.0	968.0	968.0	974.6
15°	4196.9	2957.0	1279.6	1001.1	961.4	934.8	928.2	921.6	921.6	921.6	921.6
17.5°	4157.1	2671.9	1113.9	948.1	915.0	888.4	881.8	875.2	875.2	881.8	881.8
20°	4097.4	2400.1	1001.1	895.1	868.5	842.0	835.4	828.8	835.4	835.4	835.4
22.5°	4024.5	2174.7	934.8	855.3	822.1	795.6	795.6	795.6	795.6	795.6	802.2
25°	3978.1	2015.6	888.4	808.9	775.7	755.8	749.2	749.2	762.5	762.5	769.1
27.5°	4051.0	1975.8	895.1	795.6	735.9	716.1	709.4	709.4	722.7	729.3	735.9
30°	4269.8	2048.7	974.6	835.4	709.4	676.3	669.6	669.6	689.5	696.2	702.8
32.5°	4521.7	2201.2	1094.0	888.4	689.5	636.5	623.2	623.2	643.1	649.8	656.4
35°	4866.5	2439.9	1253.1	934.8	702.8	596.7	570.2	570.2	583.5	596.7	603.3
37.5°	5310.7	2831.1	1438.7	968.0	702.8	550.3	517.1	510.5	523.8	523.8	530.4
40°	5774.8	3341.6	1631.0	968.0	669.6	503.9	470.7	450.8	457.5	450.8	457.5
42.5°	6033.4	3752.6	1796.8	908.3	629.9	457.5	424.3	397.8	391.2	377.9	384.5
45°	6179.3	3938.3	1750.4	842.0	590.1	424.3	384.5	351.4	338.1	318.2	318.2
47.5°	6179.3	3958.2	1498.4	789.0	550.3	397.8	344.8	311.6	291.7	271.8	278.5
50°	6106.3	3779.2	1186.8	735.9	503.9	371.3	311.6	285.1	258.6	245.3	245.3
52.5°	5801.4	3195.7	908.3	669.6	450.8	338.1	278.5	251.9	225.4	218.8	218.8
55°	5277.6	2347.1	735.9	603.3	404.4	311.6	251.9	232.1	205.5	192.3	192.3
57.5°	4289.7	1604.5	610.0	543.7	358.0	278.5	225.4	205.5	172.4	159.1	159.1
60°	3182.5	1047.6	517.1	477.4	305.0	251.9	198.9	172.4	145.9	132.6	126.0
62.5°	2148.2	709.4	431.0	377.9	258.6	218.8	172.4	145.9	112.7	86.2	86.2
65°	1339.3	550.3	358.0	298.4	225.4	192.3	145.9	112.7	79.6	59.7	53.0
67.5°	769.1	444.2	291.7	232.1	192.3	152.5	112.7	92.8	66.3	46.4	39.8
68°	709.4	424.3	271.8	218.8	179.0	145.9	106.1	86.2	59.7	39.8	39.8
70°	576.8	377.9	232.1	179.0	152.5	119.3	92.8	72.9	46.4	26.5	26.5
72.5°	510.5	318.2	198.9	139.2	106.1	99.5	72.9	53.0	33.2	19.9	13.3
75°	417.7	251.9	159.1	106.1	72.9	72.9	53.0	33.2	13.3	0.0	0.0
77.5°	271.8	185.6	126.0	66.3	39.8	46.4	33.2	13.3	0.0	0.0	0.0
80°	179.0	139.2	86.2	33.2	19.9	19.9	6.6	0.0	0.0	0.0	0.0
82.5°	126.0	92.8	53.0	13.3	6.6	6.6	0.0	0.0	0.0	0.0	0.0
85°	79.6	39.8	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.2	13.3	6.6	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

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

REPORT NUMBER: SP1-2407-184-11

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

REPORT NUMBER: SP1-2407-184-11

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			

REPORT NUMBER: SP1-2407-184-11

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)