

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P1066388

Luminaire Tested: **NVN-SA2D-830-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066388
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2D-830-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9741.2 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107
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

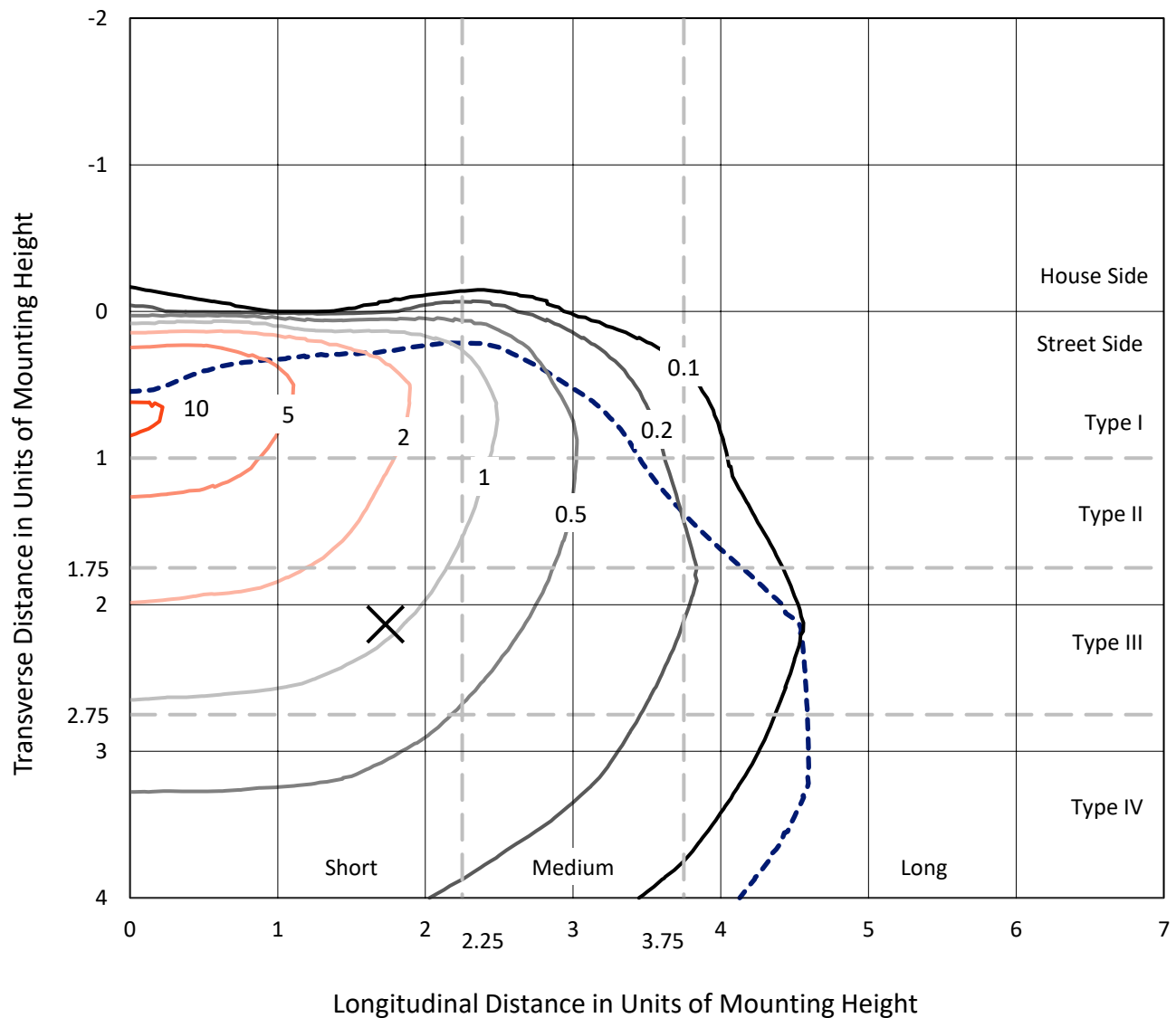


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

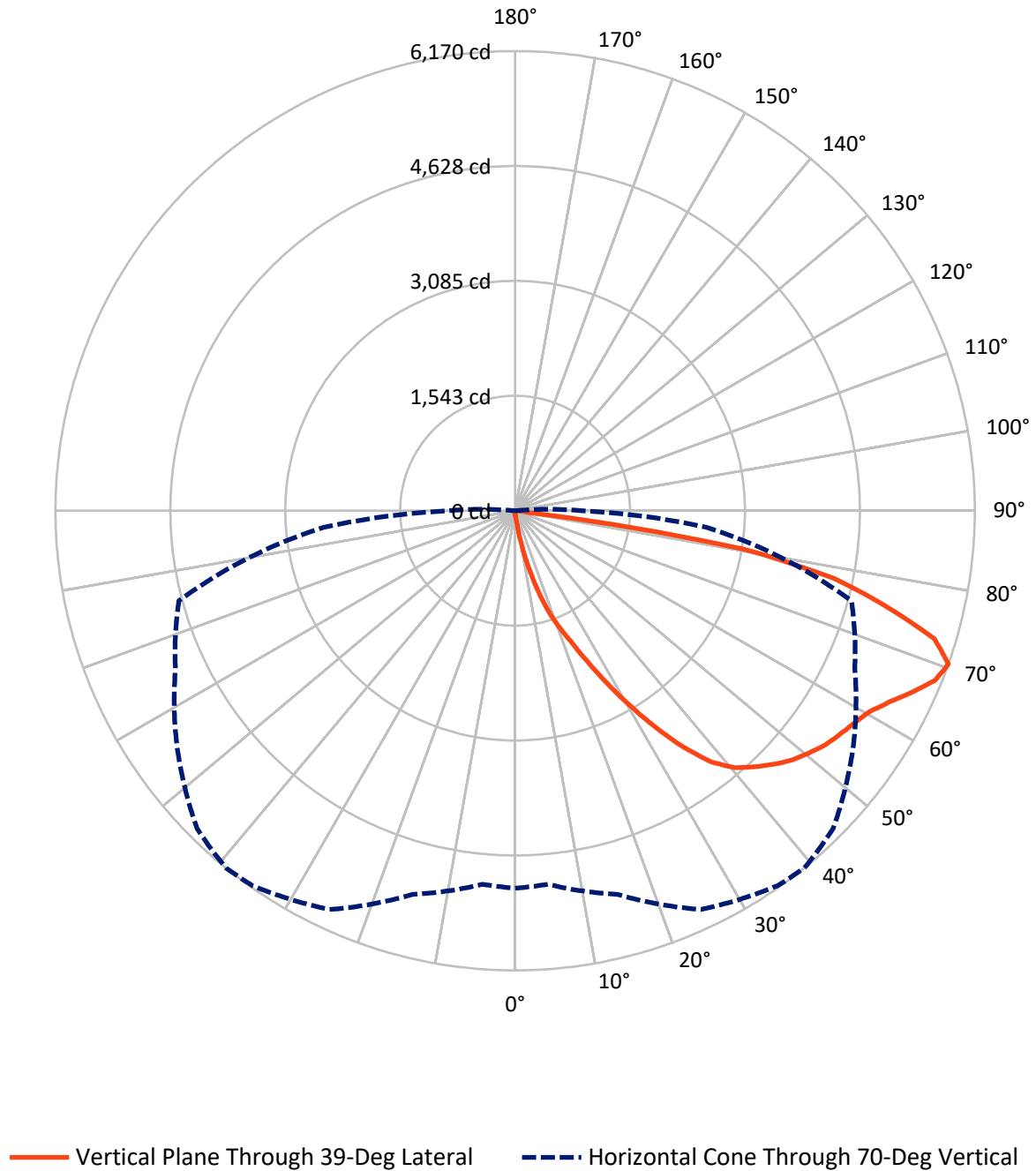


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.0	0.0	30.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9711.2	0.0	9711.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	9741.2	0.0	9741.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.1
10°-20°	119.8	1.2
20°-30°	406.4	4.2
30°-40°	955.1	9.8
40°-50°	1550.9	15.9
50°-60°	1965.3	20.2
60°-70°	2496.4	25.6
70°-80°	2028.3	20.8
80°-90°	208.8	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°	9741.2	100.0
0°-180°	9741.2	100.0



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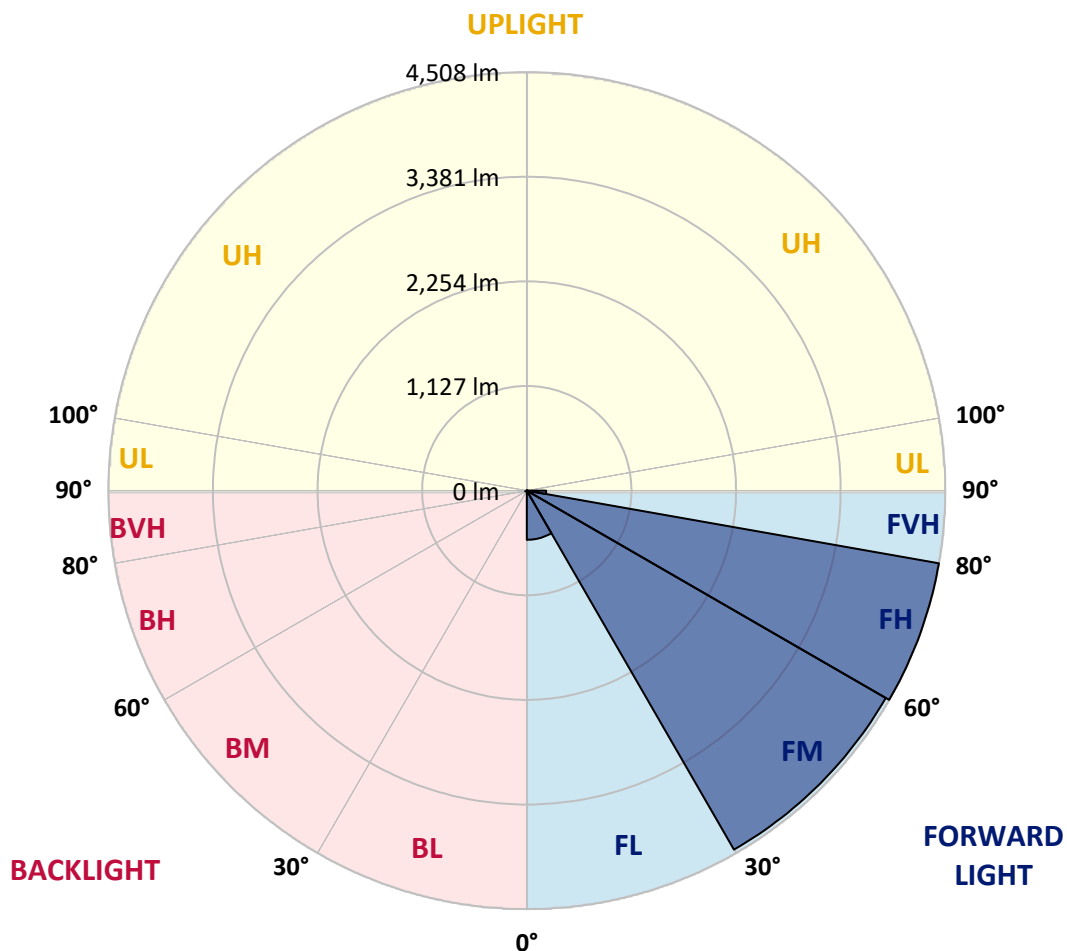
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	529.9	5.4			
FM	(30°-60°)	4465.4	45.8			
FH	(60°-80°)	4508.2	46.3			G2/5000
FVH	(80°-90°)	207.6	2.1			G2/225
BL	(0°-30°)	6.5	0.1	B0/110		
BM	(30°-60°)	5.8	0.1	B0/220		
BH	(60°-80°)	16.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
2.5°	68.8	68.8	68.8	66.1	66.1	63.5	63.5	60.8	58.2	58.2	55.5
5°	129.6	132.2	124.3	108.4	97.9	92.6	87.3	74.1	66.1	60.8	55.5
7.5°	354.4	343.8	327.9	275.0	211.6	179.8	153.4	108.4	79.3	63.5	55.5
10°	745.8	716.7	671.8	600.3	476.0	425.8	330.6	198.4	111.1	71.4	55.5
12.5°	1094.9	1100.2	1044.7	975.9	825.1	740.5	610.9	372.9	174.5	84.6	55.5
15°	1359.4	1354.1	1332.9	1277.4	1142.5	1060.5	944.2	626.8	293.6	105.8	58.2
17.5°	1568.3	1547.1	1539.2	1515.4	1428.1	1383.2	1256.2	923.0	465.5	142.8	60.8
20°	1777.2	1771.9	1764.0	1737.6	1679.4	1647.6	1549.8	1221.8	692.9	203.6	66.1
22.5°	2081.4	2052.3	2057.6	1999.4	1951.8	1896.2	1816.9	1539.2	954.7	290.9	74.1
25°	2438.4	2435.8	2393.5	2367.0	2287.7	2226.8	2121.0	1846.0	1245.7	420.5	82.0
27.5°	2858.9	2829.8	2811.3	2766.4	2684.4	2615.6	2470.1	2150.1	1560.4	566.0	92.6
30°	3297.9	3297.9	3263.6	3194.8	3115.5	3030.8	2882.7	2470.1	1872.4	751.1	105.8
32.5°	3811.0	3821.6	3737.0	3633.8	3530.7	3472.5	3279.4	2832.5	2171.3	962.7	121.7
35°	4308.2	4295.0	4154.8	4041.1	3964.4	3900.9	3737.0	3229.2	2509.8	1208.6	142.8
37.5°	4784.3	4749.9	4517.1	4355.8	4321.4	4279.1	4115.1	3625.9	2845.7	1481.0	169.3
40°	5125.4	5072.5	4831.9	4609.7	4559.5	4535.7	4408.7	3985.6	3200.1	1785.2	203.6
42.5°	5273.5	5212.7	5046.1	4866.2	4755.2	4699.6	4588.5	4279.1	3554.5	2123.7	253.9
45°	5302.6	5255.0	5136.0	5093.7	4942.9	4858.3	4707.6	4488.0	3885.1	2459.6	322.7
47.5°	5196.8	5175.7	5104.3	5194.2	5117.5	5001.1	4818.6	4644.1	4178.6	2866.9	417.9
50°	4937.6	4921.8	4956.2	5191.5	5244.4	5112.2	4940.3	4765.7	4432.5	3287.4	552.7
52.5°	4588.5	4585.9	4747.2	5122.8	5300.0	5218.0	5059.3	4887.4	4633.5	3694.6	743.2
55°	4207.7	4252.7	4535.7	5059.3	5331.7	5294.7	5175.7	4995.8	4813.3	4072.8	1049.9
57.5°	4176.0	4157.5	4429.9	5032.9	5350.2	5371.4	5292.0	5109.6	4966.7	4382.3	1459.9
60°	4493.3	4451.0	4554.2	5088.4	5432.2	5469.2	5408.4	5196.8	5120.1	4625.6	1999.4
62.5°	4861.0	4821.3	4874.2	5302.6	5593.5	5646.4	5569.7	5286.7	5244.4	4794.8	2578.6
65°	5154.5	5122.8	5223.3	5622.6	5818.3	5863.3	5810.4	5453.4	5300.0	4932.4	3049.3
67.5°	5202.1	5162.4	5371.4	5836.8	6045.8	6077.5	6035.2	5614.7	5281.5	4942.9	3157.8
70°	5067.2	5032.9	5331.7	5905.6	6143.6	6170.1	6035.2	5538.0	5030.2	4673.2	2581.2
72.5°	4652.0	4678.5	5064.6	5739.0	6008.7	5887.1	5601.5	5151.9	4704.9	3961.8	1811.6
75°	4006.7	4035.8	4548.9	5281.5	5302.6	5154.5	5001.1	4739.3	4210.4	2610.3	1256.2
77.5°	2848.3	2745.2	3512.2	4361.1	4284.4	4379.6	4392.8	3943.2	3525.4	1359.4	841.0
80°	280.3	238.0	441.7	1250.9	2763.7	3089.0	3216.0	3038.8	2599.7	608.3	441.7
82.5°	60.8	60.8	66.1	71.4	111.1	166.6	764.3	1872.4	1679.4	309.4	142.8
85°	34.4	34.4	42.3	50.2	66.1	74.1	87.3	116.4	452.2	111.1	26.4
87.5°	26.4	29.1	34.4	42.3	55.5	60.8	74.1	92.6	113.7	103.1	7.9
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: NVN-SA2D-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
2.5°	55.5	52.9	50.2	47.6	45.0	45.0	42.3	42.3	42.3	42.3	42.3
5°	52.9	50.2	47.6	42.3	39.7	37.0	34.4	34.4	34.4	34.4	34.4
7.5°	52.9	50.2	45.0	39.7	34.4	31.7	29.1	26.4	26.4	29.1	29.1
10°	52.9	47.6	39.7	34.4	29.1	26.4	23.8	21.2	21.2	21.2	21.2
12.5°	50.2	45.0	37.0	31.7	26.4	21.2	15.9	13.2	13.2	13.2	13.2
15°	47.6	42.3	34.4	26.4	18.5	13.2	10.6	7.9	7.9	7.9	7.9
17.5°	47.6	39.7	31.7	23.8	13.2	7.9	5.3	2.6	2.6	2.6	5.3
20°	47.6	39.7	29.1	18.5	7.9	5.3	5.3	2.6	0.0	2.6	2.6
22.5°	47.6	37.0	23.8	13.2	7.9	5.3	2.6	0.0	0.0	0.0	0.0
25°	50.2	37.0	21.2	10.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
27.5°	50.2	34.4	18.5	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	52.9	34.4	15.9	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	52.9	31.7	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	52.9	29.1	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	52.9	26.4	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	55.5	23.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	58.2	21.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	60.8	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	68.8	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	79.3	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	95.2	18.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	124.3	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	179.8	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	301.5	15.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	528.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	893.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1166.3	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	886.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	423.2	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	187.8	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	82.0	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.7	5.3	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0
82.5°	13.2	5.3	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0
85°	7.9	5.3	5.3	5.3	2.6	2.6	2.6	0.0	0.0	0.0	0.0
87.5°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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 Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)