

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: P1065911

Luminaire Tested: **NVN-SA3C-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065911
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3C-830-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13763.1 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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



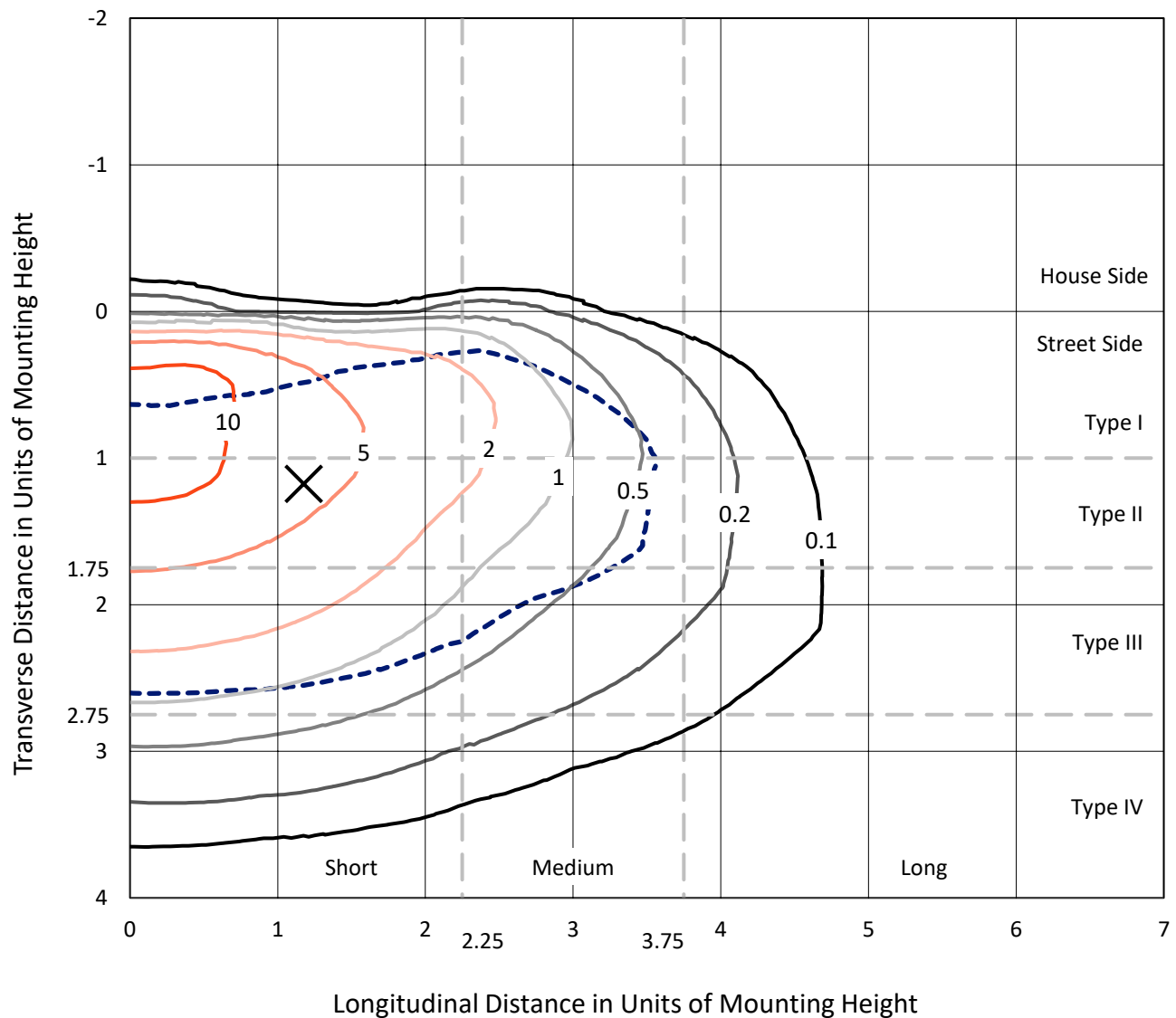
REPORT NUMBER: P1065911

CATALOG NUMBER: NVN-SA3C-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

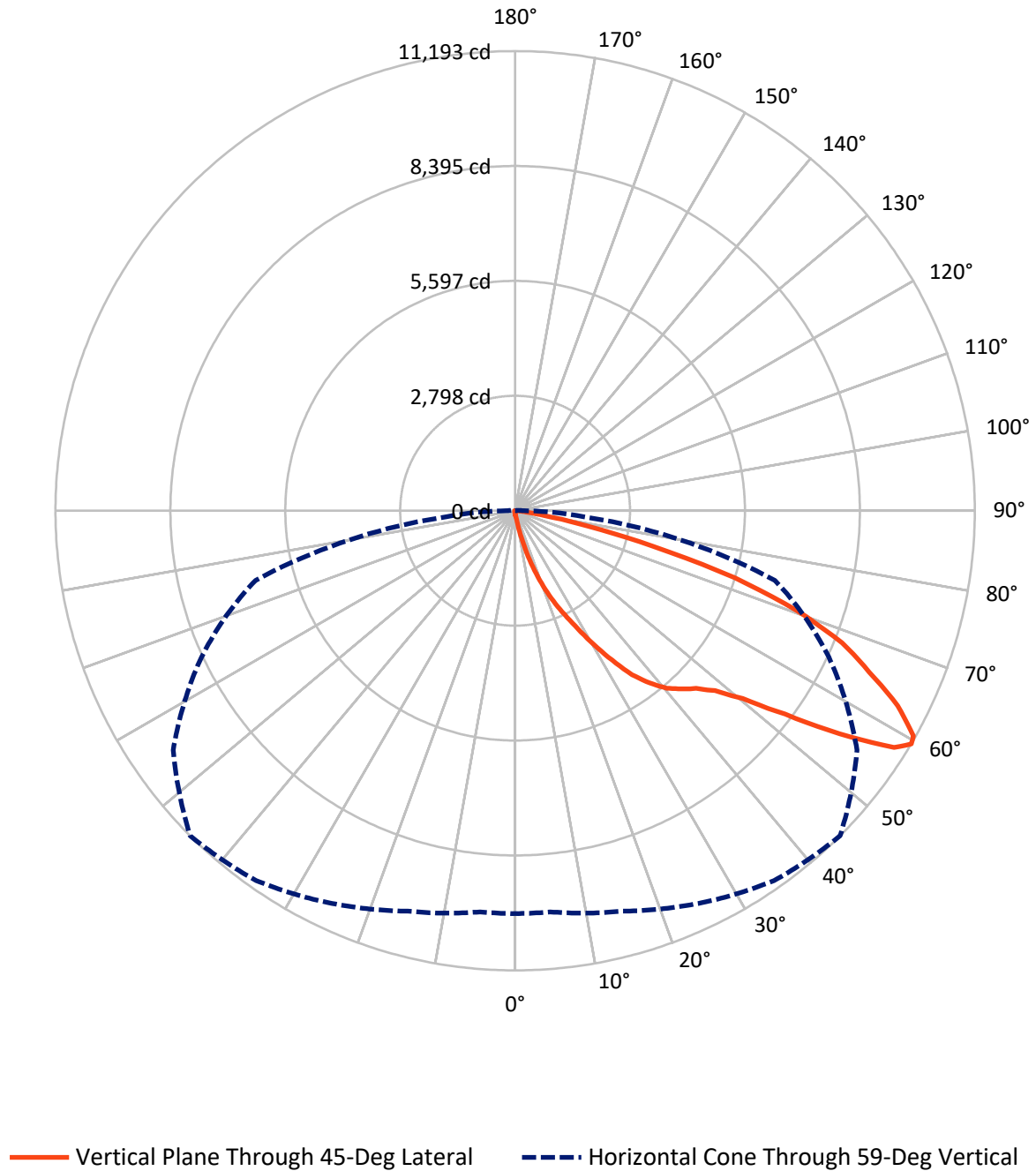


Based on 15 foot mounting height. Maximum calculated value = 15 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NVN-SA3C-830-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.9	0.0	48.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13714.2	0.0	13714.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	13763.1	0.0	13763.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	0.1
10°-20°	152.1	1.1
20°-30°	546.6	4.0
30°-40°	1270.1	9.2
40°-50°	2164.9	15.7
50°-60°	3567.1	25.9
60°-70°	4124.4	30.0
70°-80°	1772.0	12.9
80°-90°	153.1	1.1
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°	13763.1	100.0
0°-180°	13763.1	100.0



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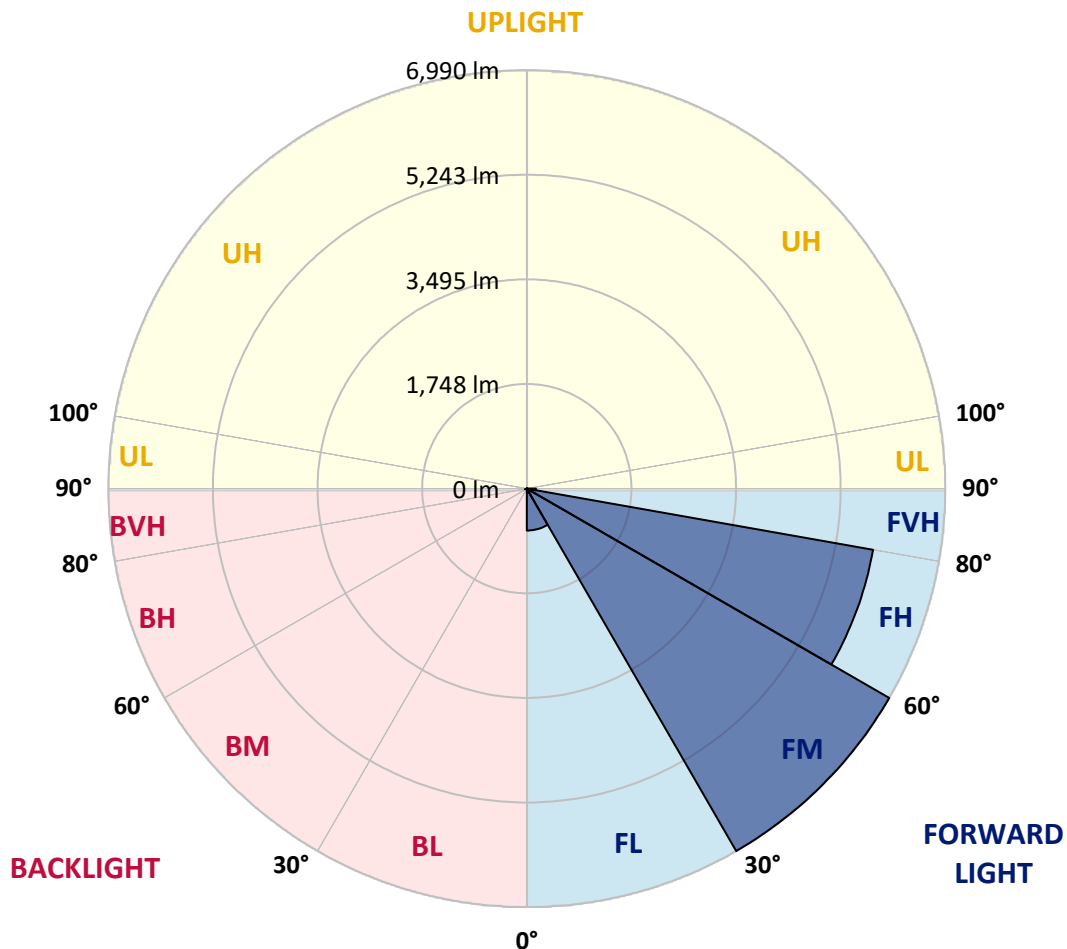
CATALOG NUMBER: NVN-SA3C-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	699.5	5.1			
FM	(30°-60°)	6990.3	50.8			
FH	(60°-80°)	5873.3	42.7			G3/7500
FVH	(80°-90°)	151.1	1.1			G2/225
BL	(0°-30°)	12.1	0.1	B0/110		
BM	(30°-60°)	11.8	0.1	B0/220		
BH	(60°-80°)	23.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G3

Type III Short



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CATALOG NUMBER: NVN-SA3C-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2.5°	112.9	112.9	110.1	106.4	105.5	102.7	102.7	99.9	96.2	93.5	89.8
5°	163.8	162.9	155.5	146.2	134.2	126.8	126.8	116.6	107.4	99.0	91.6
7.5°	358.1	349.8	323.0	278.6	220.3	181.4	178.6	145.3	123.1	106.4	92.5
10°	821.8	793.1	755.2	648.7	479.4	335.0	328.5	211.9	147.1	114.8	94.4
12.5°	1346.5	1369.6	1293.8	1126.3	928.2	690.4	644.1	357.2	194.3	125.9	96.2
15°	1824.0	1818.5	1775.9	1638.9	1410.4	1093.9	1065.2	621.0	278.6	143.4	98.1
17.5°	2181.2	2174.8	2134.0	2046.1	1870.3	1553.8	1528.8	990.2	436.8	168.4	99.9
20°	2557.9	2549.6	2492.2	2421.9	2268.2	1998.9	1969.3	1403.0	683.9	209.1	99.9
22.5°	3009.5	2993.8	2932.7	2813.3	2651.4	2417.2	2390.4	1825.0	990.2	275.8	104.6
25°	3555.5	3528.7	3444.5	3337.1	3141.8	2830.9	2802.2	2295.1	1359.5	376.7	109.2
27.5°	4178.3	4183.0	4069.1	3887.7	3625.8	3308.4	3254.7	2716.1	1741.7	521.0	114.8
30°	4917.8	4871.5	4711.4	4500.4	4245.9	3841.5	3789.6	3135.4	2171.1	733.9	124.0
32.5°	5610.0	5560.0	5344.4	5078.8	4805.8	4379.1	4336.6	3606.4	2561.6	985.6	140.7
35°	6204.1	6168.9	5867.2	5543.3	5300.9	4919.6	4906.6	4132.1	3020.6	1256.7	159.2
37.5°	6727.0	6663.1	6275.4	5939.4	5693.3	5351.8	5324.0	4613.3	3463.0	1571.4	186.9
40°	7173.0	7137.9	6665.0	6223.5	6023.6	5718.3	5683.1	5035.3	3920.1	1936.9	221.2
42.5°	7650.6	7604.3	7145.3	6650.2	6281.8	5955.2	5932.0	5383.2	4327.3	2338.6	272.1
45°	8190.1	8104.0	7701.5	7257.2	6697.4	6200.4	6174.5	5693.3	4744.7	2769.8	334.1
47.5°	8766.6	8691.7	8365.9	8054.0	7409.9	6604.8	6549.3	5957.0	5159.3	3267.7	412.7
50°	9353.4	9355.2	9110.9	8961.0	8280.8	7261.9	7183.2	6344.8	5595.2	3800.8	529.3
52.5°	10036.3	10053.9	10050.2	9939.2	9411.7	8336.3	8230.8	6933.3	6101.4	4422.6	690.4
55°	10322.3	10353.7	10558.3	10804.4	10661.0	9698.5	9585.6	7948.5	6772.3	5115.8	929.1
57.5°	10088.1	10123.3	10405.6	10836.8	11166.3	10891.4	10878.5	9270.1	7656.1	5956.1	1319.7
59°	9809.6	9805.0	10094.6	10551.8	10996.0	11174.6	11193.1	10164.0	8426.1	6545.6	1656.5
60°	9624.5	9628.2	9820.7	10289.9	10761.9	11071.9	11144.1	10690.6	8875.8	6969.4	1945.3
62.5°	8910.1	8952.6	9105.3	9541.2	9989.1	10335.2	10458.3	11159.8	10163.1	7970.8	2949.4
65°	8133.6	8136.4	8353.9	8726.8	9156.2	9399.6	9477.4	10429.6	11022.8	8990.6	4266.2
67.5°	6748.3	6804.7	7051.8	7656.1	8223.4	8531.6	8590.8	9078.5	10666.5	9655.0	4926.1
70°	4722.5	4796.5	5149.1	5933.0	6777.9	7284.1	7280.4	7546.9	9387.6	9358.9	4176.5
72.5°	2358.0	2485.7	2773.5	3612.9	4636.4	5431.4	5598.9	6070.8	7541.4	7773.6	3115.9
75°	1042.0	1049.4	1213.2	1636.2	2304.3	3314.0	3463.9	4818.7	5785.8	5402.7	2250.7
77.5°	606.2	611.7	641.3	734.8	933.8	1624.1	1792.6	3160.4	4088.6	3140.0	1467.7
80°	220.3	225.8	224.9	278.6	409.0	639.5	712.6	1531.6	2727.3	1653.7	769.0
82.5°	135.1	135.1	130.5	131.4	149.0	245.2	268.4	652.4	1328.0	814.4	220.3
85°	66.6	70.3	75.0	84.2	99.9	121.2	128.6	186.9	447.0	197.1	52.7
87.5°	39.8	40.7	44.4	53.7	66.6	87.0	92.5	126.8	160.1	132.3	13.0
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-SA3C-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2.5°	87.9	87.0	82.4	78.7	75.0	71.3	68.5	65.7	65.7	66.6	65.7
5°	87.9	84.2	76.8	70.3	64.8	60.2	55.5	51.8	50.9	50.9	51.8
7.5°	87.0	82.4	72.2	63.9	56.5	50.0	45.3	40.7	39.8	40.7	39.8
10°	86.1	80.5	68.5	58.3	48.1	41.6	35.2	30.5	30.5	30.5	31.5
12.5°	86.1	77.7	64.8	52.7	41.6	34.2	27.8	23.1	22.2	22.2	22.2
15°	85.1	75.9	61.1	46.3	35.2	25.9	20.4	15.7	15.7	15.7	15.7
17.5°	83.3	73.1	56.5	40.7	27.8	19.4	13.9	9.3	9.3	11.1	11.1
20°	81.4	70.3	50.9	33.3	23.1	14.8	9.3	5.6	5.6	8.3	9.3
22.5°	82.4	70.3	47.2	29.6	18.5	11.1	7.4	4.6	3.7	6.5	8.3
25°	83.3	68.5	42.6	25.9	13.9	8.3	5.6	1.9	0.9	1.9	2.8
27.5°	83.3	66.6	37.0	20.4	10.2	6.5	2.8	0.0	0.0	0.0	0.0
30°	82.4	63.9	32.4	16.7	7.4	3.7	0.9	0.0	0.0	0.0	0.0
32.5°	81.4	61.1	29.6	13.0	6.5	1.9	0.0	0.0	0.0	0.0	0.0
35°	82.4	57.4	25.9	10.2	3.7	0.0	0.0	0.0	0.0	0.0	1.9
37.5°	85.1	53.7	22.2	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	88.8	50.9	18.5	6.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	96.2	50.9	16.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	105.5	50.9	13.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	117.5	51.8	12.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	132.3	53.7	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	143.4	51.8	10.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	162.9	50.0	9.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	188.8	47.2	9.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	214.7	43.5	9.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	244.3	41.6	8.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	403.5	37.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	779.2	35.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1259.5	35.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1324.3	35.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	881.0	28.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	472.0	25.9	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	254.5	24.1	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	112.0	17.6	4.6	2.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	44.4	12.0	5.6	4.6	3.7	1.9	0.0	0.0	0.0	0.0	0.0
85°	21.3	9.3	7.4	6.5	4.6	2.8	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	9.3	8.3	7.4	6.5	4.6	0.9	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: SP1-2407-184-9

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

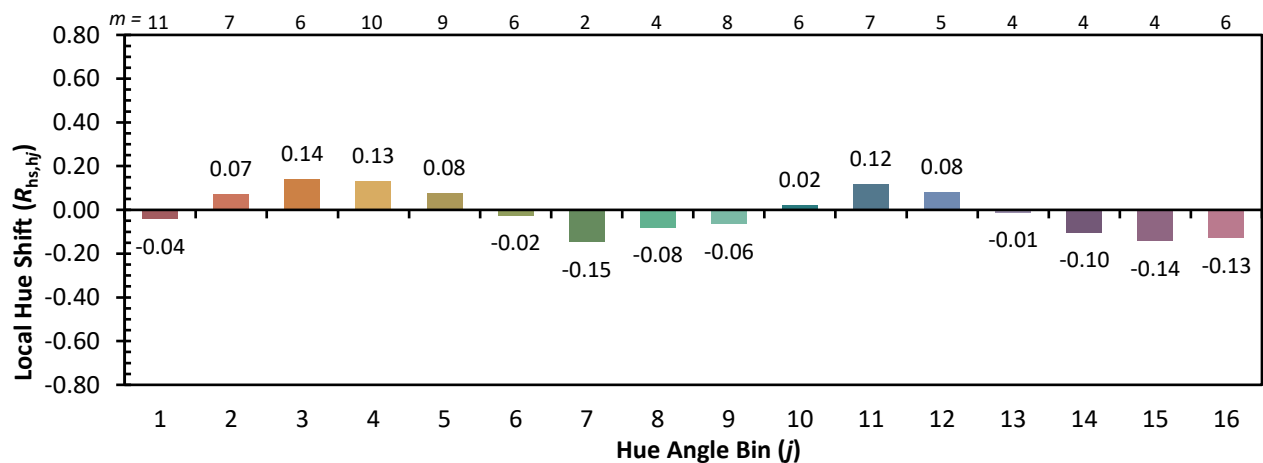


Individual Sample Fidelity Index ($R_{f,i}$)

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)