

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: P1066326

Luminaire Tested: **NVN-SA5B-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066326
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5B-750-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22168.5 lumens
Efficiency: N/A
Efficacy: 124.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 178.8
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



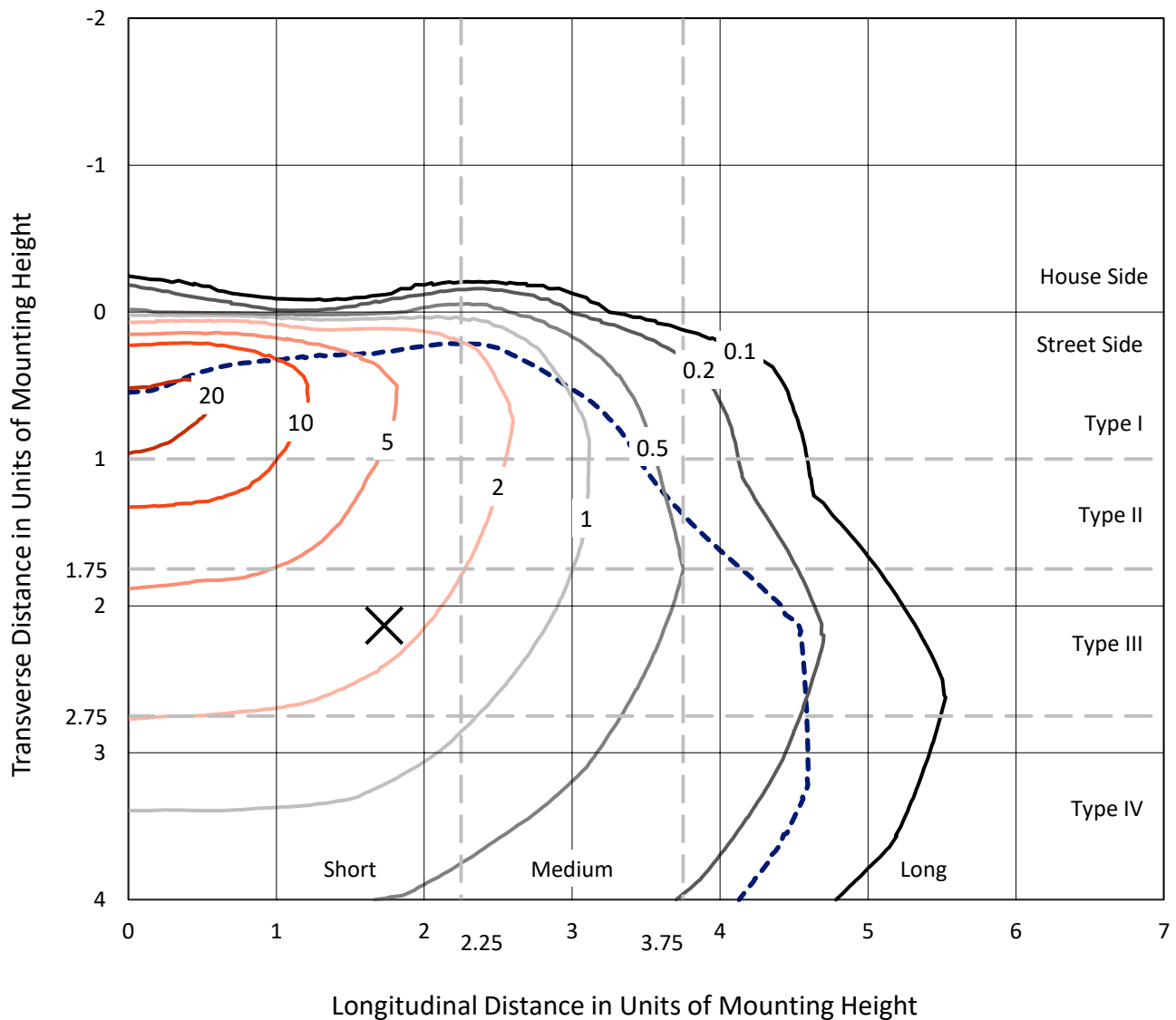
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CATALOG NUMBER: NVN-SA5B-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

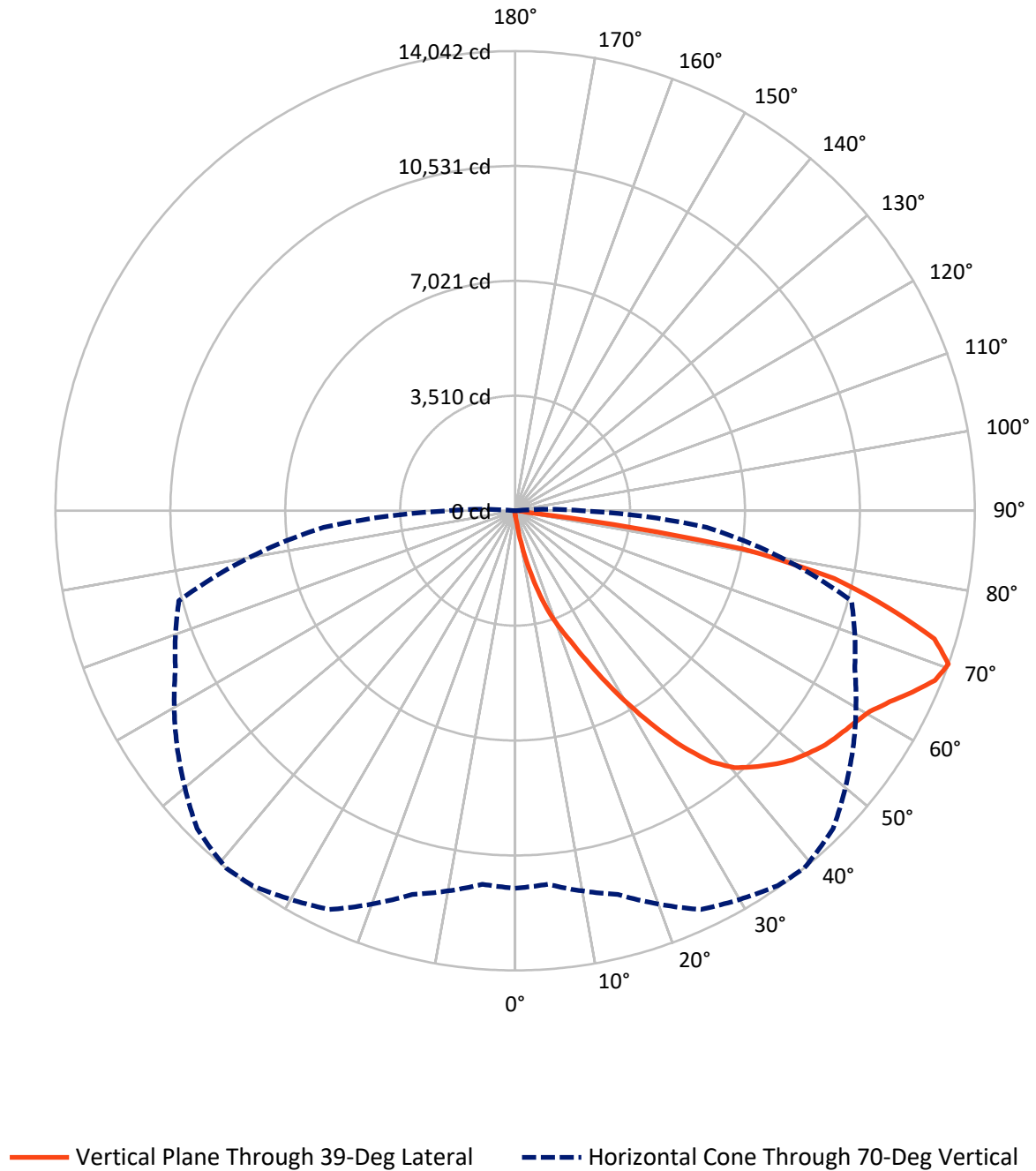


Based on 15 foot mounting height. Maximum calculated value = 24.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NVN-SA5B-750-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.3	0.0	68.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	22100.2	0.0	22100.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	22168.5	0.0	22168.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	0.1
10°-20°	272.5	1.2
20°-30°	924.8	4.2
30°-40°	2173.5	9.8
40°-50°	3529.4	15.9
50°-60°	4472.4	20.2
60°-70°	5681.2	25.6
70°-80°	4616.0	20.8
80°-90°	475.3	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°	22168.5	100.0
0°-180°	22168.5	100.0



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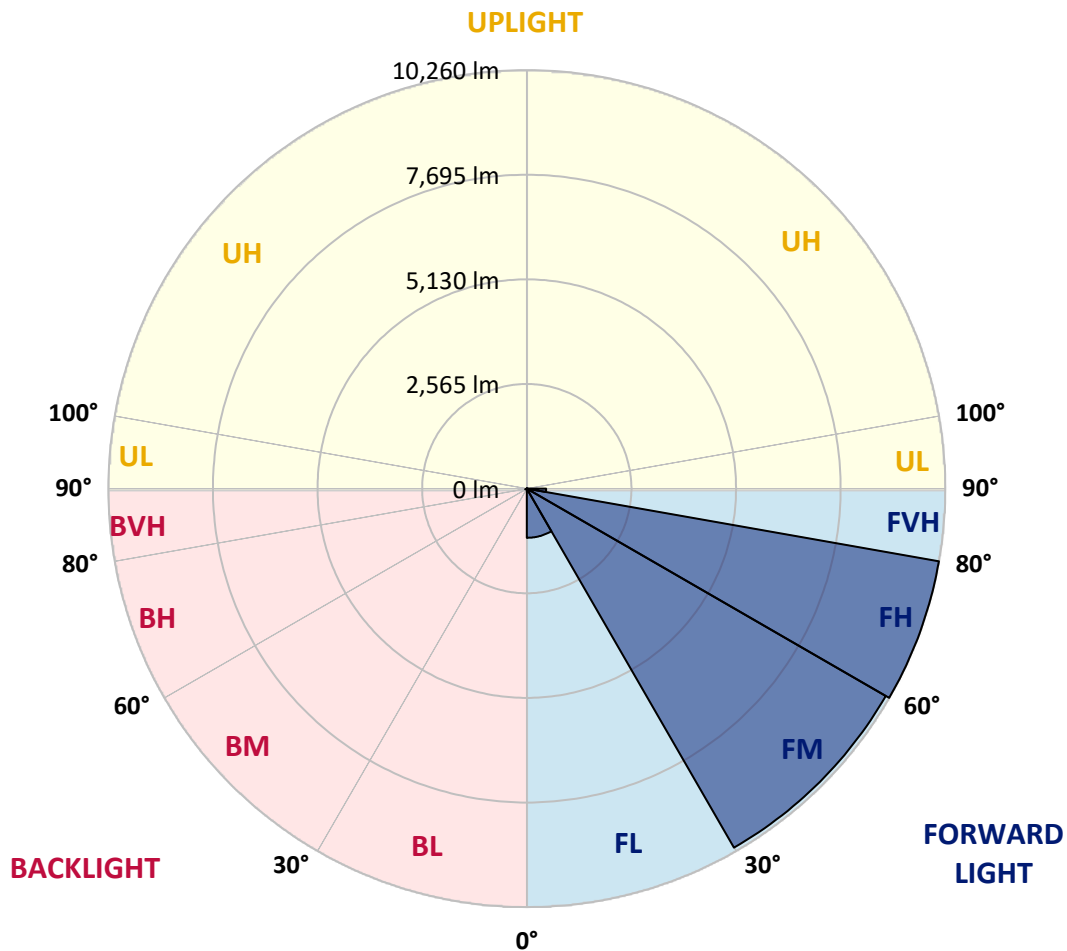
CATALOG NUMBER: NVN-SA5B-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1205.9	5.4			
FM	(30°-60°)	10162.2	45.8			
FH	(60°-80°)	10259.6	46.3			G4/12000
FVH	(80°-90°)	472.4	2.1			G3/500
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	13.1	0.1	B0/220		
BH	(60°-80°)	37.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
2.5°	156.5	156.5	156.5	150.5	150.5	144.4	144.4	138.4	132.4	132.4	126.4
5°	294.9	300.9	282.9	246.8	222.7	210.7	198.6	168.5	150.5	138.4	126.4
7.5°	806.5	782.4	746.3	625.9	481.5	409.3	349.1	246.8	180.6	144.4	126.4
10°	1697.3	1631.1	1528.7	1366.2	1083.4	969.0	752.3	451.4	252.8	162.5	126.4
12.5°	2491.7	2503.8	2377.4	2220.9	1877.8	1685.2	1390.3	848.6	397.2	192.6	126.4
15°	3093.6	3081.6	3033.4	2907.0	2600.1	2413.5	2148.7	1426.4	668.1	240.7	132.4
17.5°	3569.1	3520.9	3502.9	3448.7	3250.1	3147.8	2858.9	2100.5	1059.3	325.0	138.4
20°	4044.5	4032.5	4014.5	3954.3	3821.9	3749.6	3526.9	2780.6	1576.9	463.4	150.5
22.5°	4736.7	4670.5	4682.5	4550.1	4441.8	4315.4	4134.8	3502.9	2172.7	662.1	168.5
25°	5549.2	5543.2	5446.9	5386.7	5206.2	5067.7	4827.0	4201.0	2834.8	957.0	186.6
27.5°	6506.2	6440.0	6397.8	6295.5	6109.0	5952.5	5621.4	4893.2	3551.0	1288.0	210.7
30°	7505.3	7505.3	7427.0	7270.6	7090.0	6897.4	6560.4	5621.4	4261.2	1709.3	240.7
32.5°	8672.9	8697.0	8504.4	8269.7	8034.9	7902.5	7463.2	6446.0	4941.3	2190.8	276.9
35°	9804.4	9774.3	9455.3	9196.5	9022.0	8877.5	8504.4	7348.8	5711.7	2750.5	325.0
37.5°	10887.8	10809.5	10279.9	9912.8	9834.5	9738.2	9365.1	8251.6	6476.1	3370.5	385.2
40°	11664.2	11543.8	10996.1	10490.5	10376.2	10322.0	10033.1	9070.1	7282.6	4062.6	463.4
42.5°	12001.2	11862.8	11483.6	11074.4	10821.6	10695.2	10442.4	9738.2	8089.1	4833.0	577.8
45°	12067.4	11959.1	11688.3	11592.0	11248.9	11056.3	10713.2	10213.7	8841.4	5597.4	734.3
47.5°	11826.7	11778.5	11616.0	11820.7	11646.1	11381.3	10966.0	10568.8	9509.5	6524.2	951.0
50°	11236.9	11200.8	11279.0	11814.7	11935.0	11634.1	11242.9	10845.6	10087.3	7481.2	1257.9
52.5°	10442.4	10436.4	10803.5	11658.2	12061.4	11874.8	11513.7	11122.5	10544.7	8408.1	1691.2
55°	9575.7	9678.0	10322.0	11513.7	12133.6	12049.4	11778.5	11369.3	10954.0	9268.8	2389.4
57.5°	9503.5	9461.4	10081.3	11453.5	12175.8	12223.9	12043.4	11628.1	11303.1	9972.9	3322.3
60°	10225.7	10129.4	10364.2	11579.9	12362.4	12446.6	12308.2	11826.7	11652.2	10526.7	4550.1
62.5°	11062.3	10972.0	11092.4	12067.4	12729.5	12849.9	12675.3	12031.3	11935.0	10911.9	5868.2
65°	11730.4	11658.2	11886.9	12795.7	13241.1	13343.4	13223.0	12410.5	12061.4	11224.8	6939.5
67.5°	11838.7	11748.4	12223.9	13283.2	13758.7	13830.9	13734.6	12777.6	12019.3	11248.9	7186.3
70°	11531.8	11453.5	12133.6	13439.7	13981.4	14041.6	13734.6	12603.1	11447.5	10635.0	5874.2
72.5°	10586.8	10647.0	11525.8	13060.5	13674.4	13397.6	12747.5	11724.4	10707.2	9016.0	4122.8
75°	9118.3	9184.5	10352.1	12019.3	12067.4	11730.4	11381.3	10785.5	9581.7	5940.4	2858.9
77.5°	6482.1	6247.4	7992.8	9924.8	9750.2	9966.9	9997.0	8973.8	8022.9	3093.6	1913.9
80°	638.0	541.7	1005.1	2846.8	6289.5	7029.8	7318.7	6915.5	5916.4	1384.3	1005.1
82.5°	138.4	138.4	150.5	162.5	252.8	379.2	1739.4	4261.2	3821.9	704.2	325.0
85°	78.2	78.2	96.3	114.4	150.5	168.5	198.6	264.8	1029.2	252.8	60.2
87.5°	60.2	66.2	78.2	96.3	126.4	138.4	168.5	210.7	258.8	234.7	18.1
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-SA5B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
2.5°	126.4	120.4	114.4	108.3	102.3	102.3	96.3	96.3	96.3	96.3	96.3
5°	120.4	114.4	108.3	96.3	90.3	84.3	78.2	78.2	78.2	78.2	78.2
7.5°	120.4	114.4	102.3	90.3	78.2	72.2	66.2	60.2	60.2	66.2	66.2
10°	120.4	108.3	90.3	78.2	66.2	60.2	54.2	48.1	48.1	48.1	48.1
12.5°	114.4	102.3	84.3	72.2	60.2	48.1	36.1	30.1	30.1	30.1	30.1
15°	108.3	96.3	78.2	60.2	42.1	30.1	24.1	18.1	18.1	18.1	18.1
17.5°	108.3	90.3	72.2	54.2	30.1	18.1	12.0	6.0	6.0	6.0	12.0
20°	108.3	90.3	66.2	42.1	18.1	12.0	12.0	6.0	0.0	6.0	6.0
22.5°	108.3	84.3	54.2	30.1	18.1	12.0	6.0	0.0	0.0	0.0	0.0
25°	114.4	84.3	48.1	24.1	12.0	6.0	0.0	0.0	0.0	0.0	0.0
27.5°	114.4	78.2	42.1	18.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	120.4	78.2	36.1	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	120.4	72.2	24.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	120.4	66.2	18.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	120.4	60.2	18.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	126.4	54.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	132.4	48.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	138.4	42.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	156.5	42.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	180.6	42.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	216.7	42.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	282.9	36.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	409.3	36.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	686.1	36.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1203.7	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2034.3	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2654.2	42.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2016.3	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	963.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	427.3	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	186.6	18.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	72.2	12.0	6.0	6.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.1	12.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0	0.0	0.0
85°	18.1	12.0	12.0	12.0	6.0	6.0	6.0	0.0	0.0	0.0	0.0
87.5°	12.0	12.0	12.0	12.0	12.0	6.0	6.0	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 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 5000K 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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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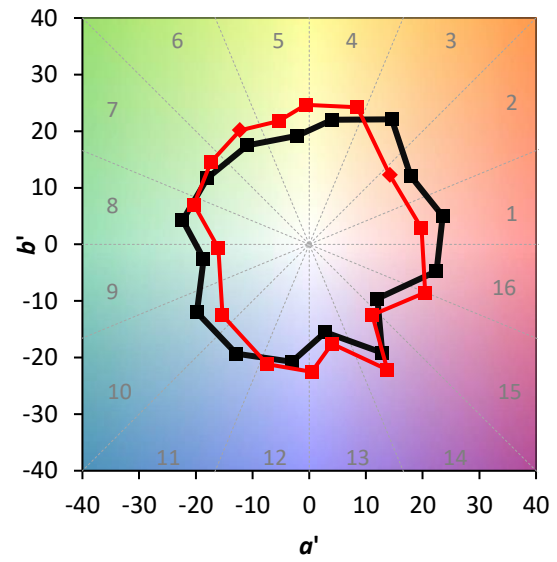
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics

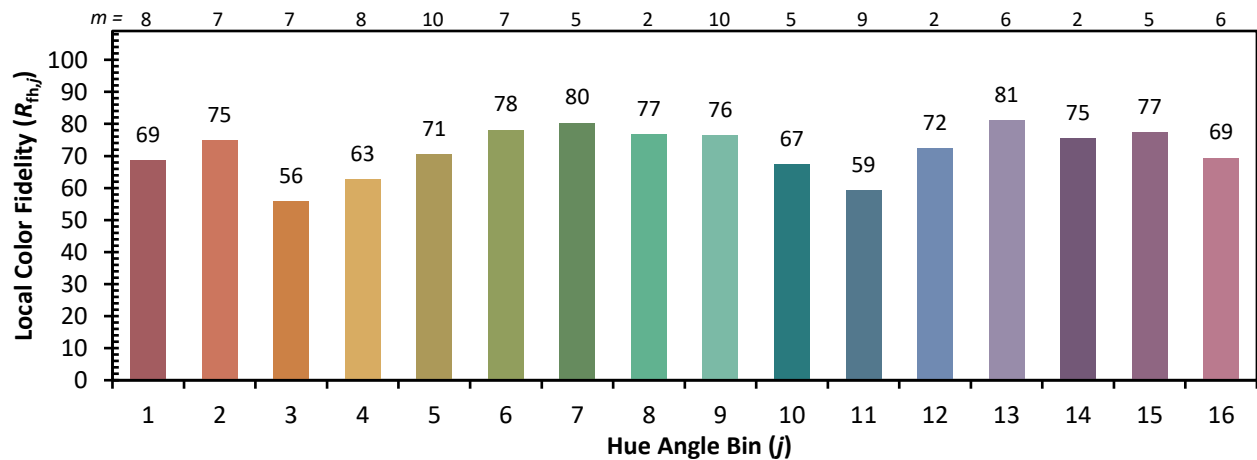
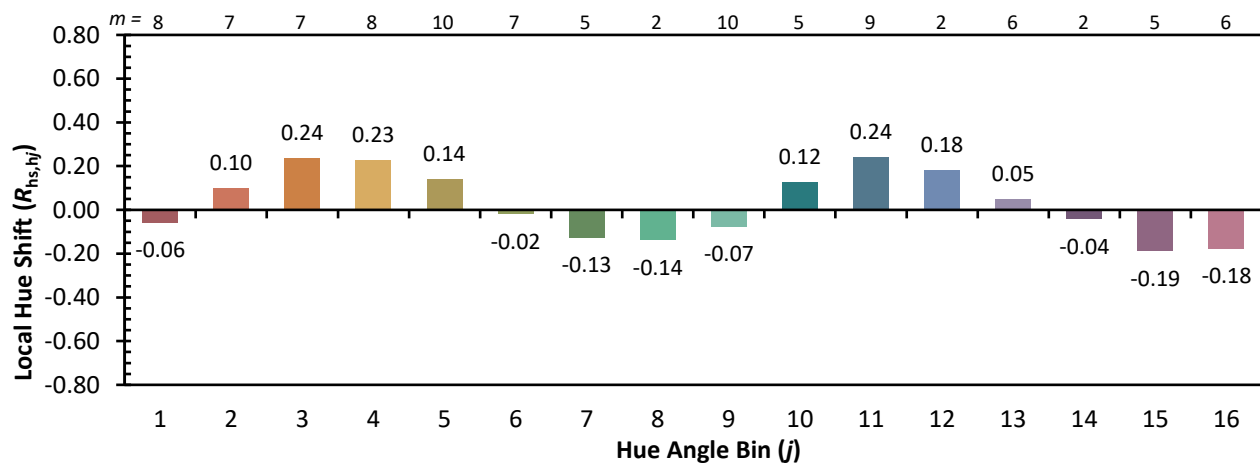
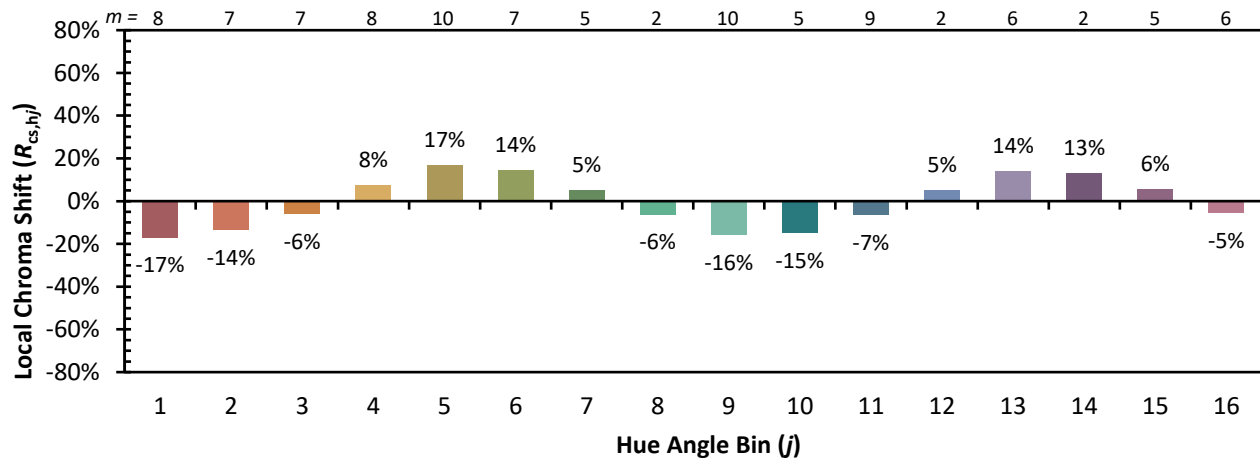


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)