

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: LUMARK

Report Number: P1067035

Luminaire Tested: **NAV-SA2C-750-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067035
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-750-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11672 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

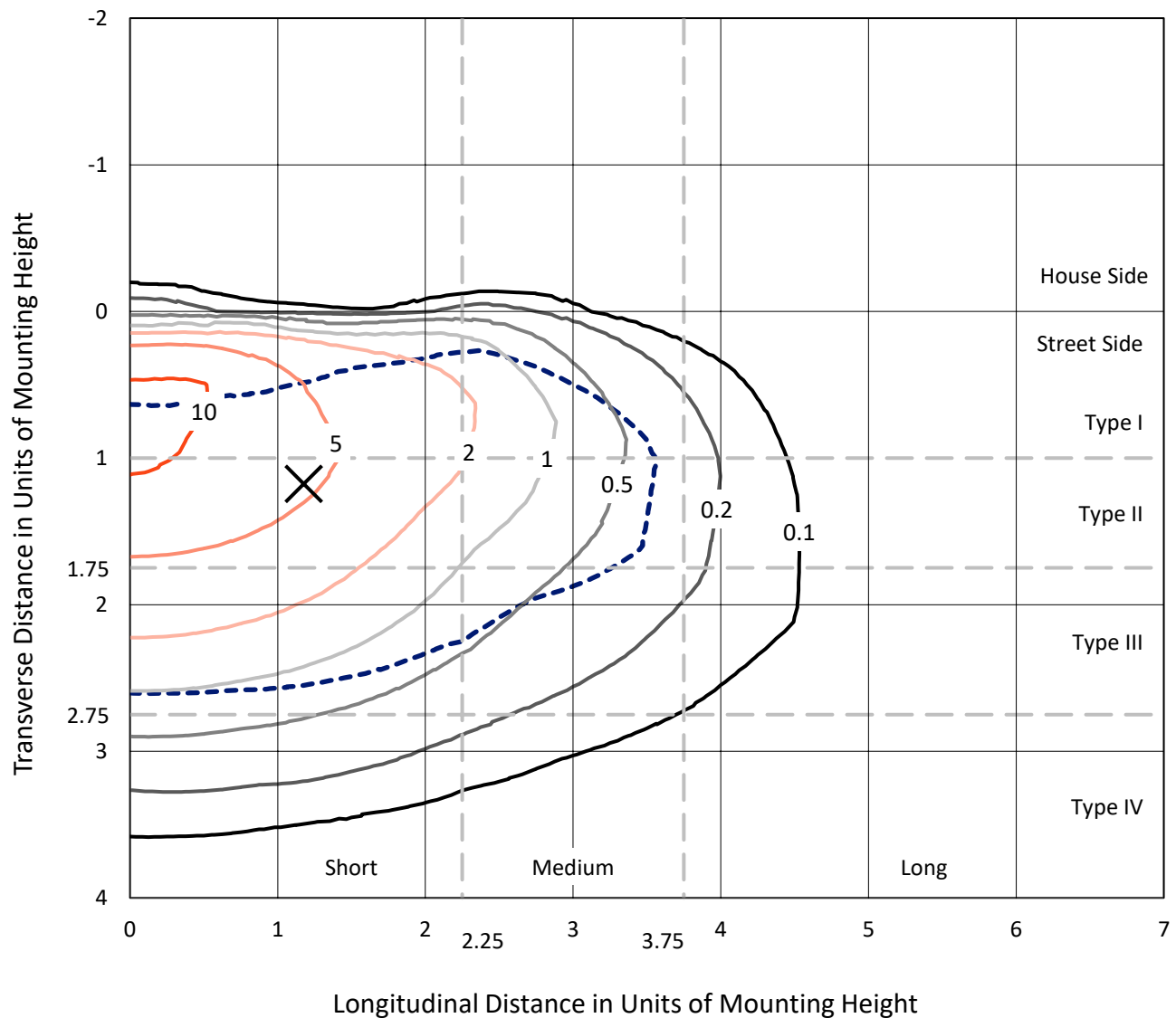


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

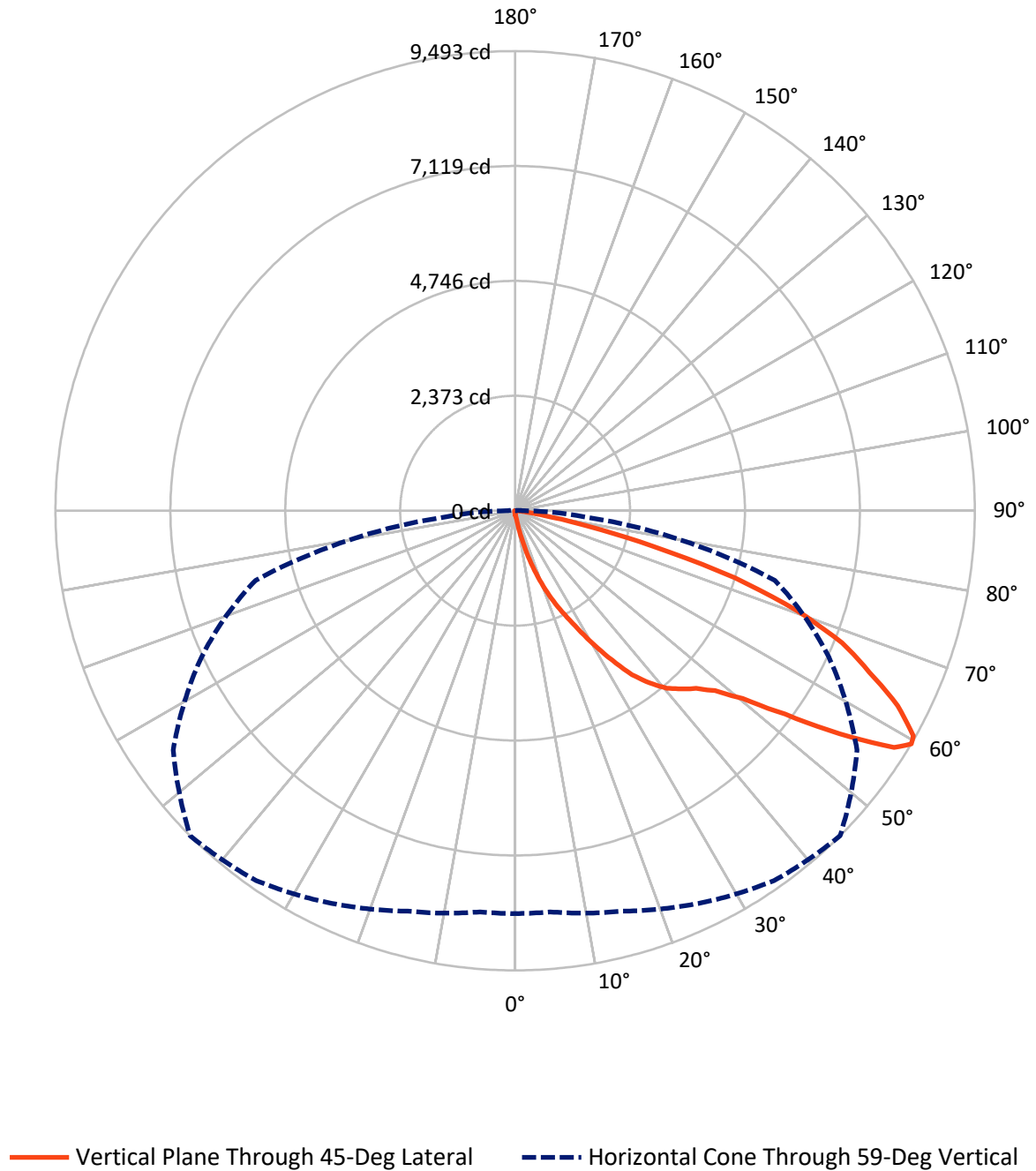


Based on 15 foot mounting height. Maximum calculated value = 12.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.4	0.0	41.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11630.6	0.0	11630.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	11672.0	0.0	11672.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.1
10°-20°	129.0	1.1
20°-30°	463.6	4.0
30°-40°	1077.2	9.2
40°-50°	1836.0	15.7
50°-60°	3025.2	25.9
60°-70°	3497.8	30.0
70°-80°	1502.7	12.9
80°-90°	129.9	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°	11672.0	100.0
0°-180°	11672.0	100.0



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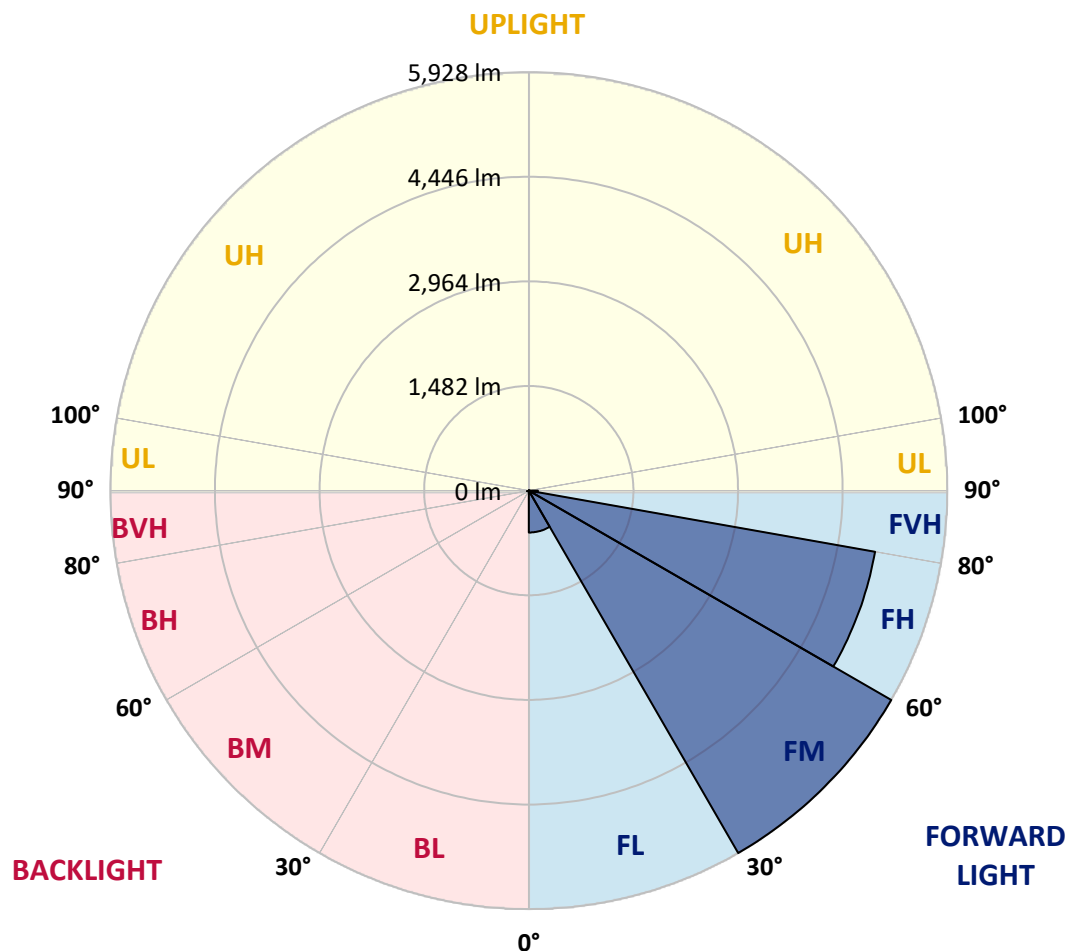
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	593.2	5.1			
FM	(30°-60°)	5928.2	50.8			
FH	(60°-80°)	4981.0	42.7			G2/5000
FVH	(80°-90°)	128.2	1.1			G2/225
BL	(0°-30°)	10.2	0.1	B0/110		
BM	(30°-60°)	10.0	0.1	B0/220		
BH	(60°-80°)	19.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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 III Short



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CATALOG NUMBER: NAV-SA2C-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
2.5°	95.7	95.7	93.4	90.3	89.5	87.1	87.1	84.8	81.6	79.3	76.1
5°	138.9	138.1	131.9	124.0	113.8	107.5	107.5	98.9	91.0	84.0	77.7
7.5°	303.7	296.7	273.9	236.2	186.8	153.8	151.5	123.2	104.4	90.3	78.5
10°	696.9	672.6	640.4	550.2	406.5	284.1	278.6	179.7	124.8	97.3	80.1
12.5°	1141.9	1161.5	1097.2	955.1	787.2	585.5	546.2	302.9	164.8	106.7	81.6
15°	1546.9	1542.2	1506.1	1389.9	1196.1	927.7	903.3	526.6	236.2	121.6	83.2
17.5°	1849.8	1844.4	1809.8	1735.3	1586.1	1317.7	1296.5	839.8	370.4	142.8	84.8
20°	2169.3	2162.2	2113.5	2053.9	1923.6	1695.2	1670.1	1189.8	580.0	177.4	84.8
22.5°	2552.3	2538.9	2487.1	2385.9	2248.5	2050.0	2027.2	1547.7	839.8	233.9	88.7
25°	3015.3	2992.6	2921.1	2830.1	2664.5	2400.8	2376.5	1946.4	1152.9	319.4	92.6
27.5°	3543.5	3547.4	3450.9	3297.1	3075.0	2805.8	2760.2	2303.5	1477.1	441.9	97.3
30°	4170.6	4131.3	3995.6	3816.6	3600.8	3257.8	3213.9	2659.0	1841.2	622.4	105.2
32.5°	4757.6	4715.3	4532.4	4307.2	4075.6	3713.8	3677.7	3058.5	2172.4	835.8	119.3
35°	5261.5	5231.7	4975.8	4701.1	4495.5	4172.2	4161.2	3504.3	2561.7	1065.8	135.0
37.5°	5704.9	5650.8	5321.9	5037.0	4828.3	4538.7	4515.1	3912.4	2936.8	1332.6	158.5
40°	6083.2	6053.4	5652.3	5278.0	5108.5	4849.5	4819.6	4270.3	3324.5	1642.7	187.6
42.5°	6488.2	6449.0	6059.7	5639.8	5327.4	5050.4	5030.8	4565.4	3669.9	1983.3	230.7
45°	6945.8	6872.8	6531.4	6154.6	5679.8	5258.4	5236.4	4828.3	4023.8	2349.0	283.3
47.5°	7434.7	7371.1	7094.9	6830.4	6284.1	5601.3	5554.2	5052.0	4375.4	2771.2	350.0
50°	7932.3	7933.9	7726.7	7599.5	7022.7	6158.6	6091.9	5380.8	4745.1	3223.3	448.9
52.5°	8511.5	8526.4	8523.3	8429.1	7981.7	7069.8	6980.3	5880.0	5174.4	3750.7	585.5
55°	8754.0	8780.7	8954.1	9162.9	9041.2	8225.0	8129.3	6740.9	5743.4	4338.5	788.0
57.5°	8555.4	8585.3	8824.6	9190.4	9469.8	9236.7	9225.7	7861.6	6492.9	5051.2	1119.2
59°	8319.2	8315.3	8560.9	8948.6	9325.4	9476.8	9492.5	8619.8	7145.9	5551.1	1404.8
60°	8162.2	8165.4	8328.6	8726.5	9126.8	9389.7	9450.9	9066.4	7527.3	5910.6	1649.7
62.5°	7556.3	7592.5	7721.9	8091.6	8471.5	8765.0	8869.4	9464.3	8619.0	6759.7	2501.3
65°	6897.9	6900.2	7084.7	7401.0	7765.1	7971.5	8037.4	8845.0	9348.1	7624.6	3618.1
67.5°	5723.0	5770.9	5980.4	6492.9	6974.0	7235.4	7285.6	7699.2	9046.0	8188.1	4177.7
70°	4005.0	4067.8	4366.8	5031.5	5748.1	6177.4	6174.3	6400.3	7961.3	7937.0	3541.9
72.5°	1999.7	2108.1	2352.1	3064.0	3932.0	4606.2	4748.2	5148.5	6395.6	6592.6	2642.5
75°	883.7	890.0	1028.9	1387.6	1954.2	2810.5	2937.6	4086.6	4906.8	4581.8	1908.7
77.5°	514.1	518.8	543.9	623.2	791.9	1377.4	1520.2	2680.2	3467.4	2662.9	1244.7
80°	186.8	191.5	190.7	236.2	346.9	542.3	604.3	1298.9	2312.9	1402.5	652.2
82.5°	114.6	114.6	110.7	111.4	126.4	208.0	227.6	553.3	1126.2	690.7	186.8
85°	56.5	59.6	63.6	71.4	84.8	102.8	109.1	158.5	379.1	167.2	44.7
87.5°	33.7	34.5	37.7	45.5	56.5	73.8	78.5	107.5	135.8	112.2	11.0
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: NAV-SA2C-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
2.5°	74.6	73.8	69.8	66.7	63.6	60.4	58.1	55.7	55.7	56.5	55.7
5°	74.6	71.4	65.1	59.6	54.9	51.0	47.1	44.0	43.2	43.2	44.0
7.5°	73.8	69.8	61.2	54.2	47.9	42.4	38.5	34.5	33.7	34.5	33.7
10°	73.0	68.3	58.1	49.4	40.8	35.3	29.8	25.9	25.9	25.9	26.7
12.5°	73.0	65.9	54.9	44.7	35.3	29.0	23.5	19.6	18.8	18.8	18.8
15°	72.2	64.4	51.8	39.2	29.8	22.0	17.3	13.3	13.3	13.3	13.3
17.5°	70.6	62.0	47.9	34.5	23.5	16.5	11.8	7.8	7.8	9.4	9.4
20°	69.1	59.6	43.2	28.3	19.6	12.6	7.8	4.7	4.7	7.1	7.8
22.5°	69.8	59.6	40.0	25.1	15.7	9.4	6.3	3.9	3.1	5.5	7.1
25°	70.6	58.1	36.1	22.0	11.8	7.1	4.7	1.6	0.8	1.6	2.4
27.5°	70.6	56.5	31.4	17.3	8.6	5.5	2.4	0.0	0.0	0.0	0.0
30°	69.8	54.2	27.5	14.1	6.3	3.1	0.8	0.0	0.0	0.0	0.0
32.5°	69.1	51.8	25.1	11.0	5.5	1.6	0.0	0.0	0.0	0.0	0.0
35°	69.8	48.7	22.0	8.6	3.1	0.0	0.0	0.0	0.0	0.0	1.6
37.5°	72.2	45.5	18.8	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	75.3	43.2	15.7	5.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	81.6	43.2	14.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	89.5	43.2	11.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	99.7	44.0	10.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.2	45.5	9.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	121.6	44.0	8.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	138.1	42.4	7.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	160.1	40.0	7.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	182.1	36.9	7.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	207.2	35.3	7.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	342.2	31.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	660.8	29.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1068.2	29.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1123.1	29.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	747.2	24.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	400.3	22.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	215.8	20.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	95.0	14.9	3.9	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	37.7	10.2	4.7	3.9	3.1	1.6	0.0	0.0	0.0	0.0	0.0
85°	18.1	7.8	6.3	5.5	3.9	2.4	0.0	0.0	0.0	0.0	0.0
87.5°	8.6	7.8	7.1	6.3	5.5	3.9	0.8	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 ^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	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 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	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

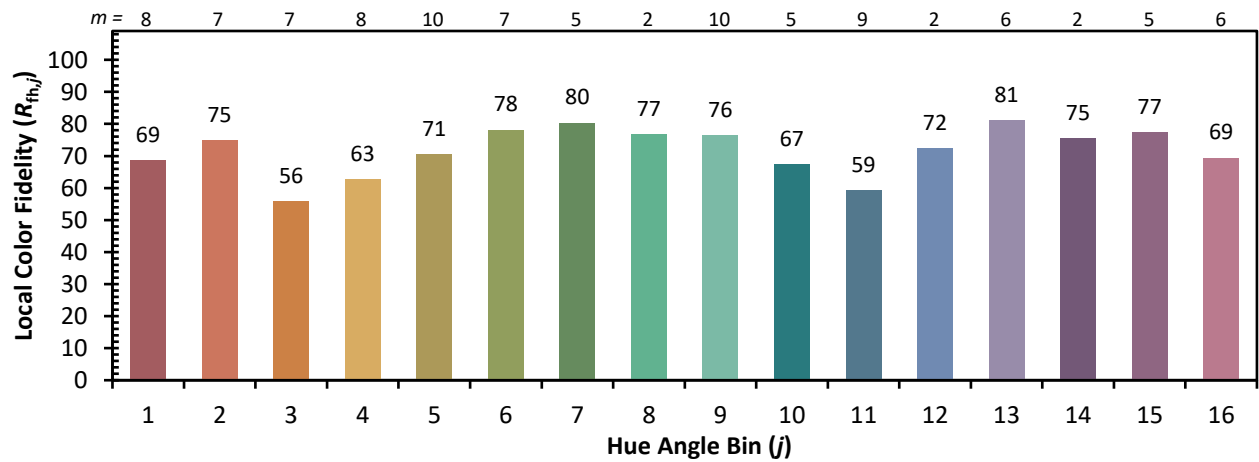
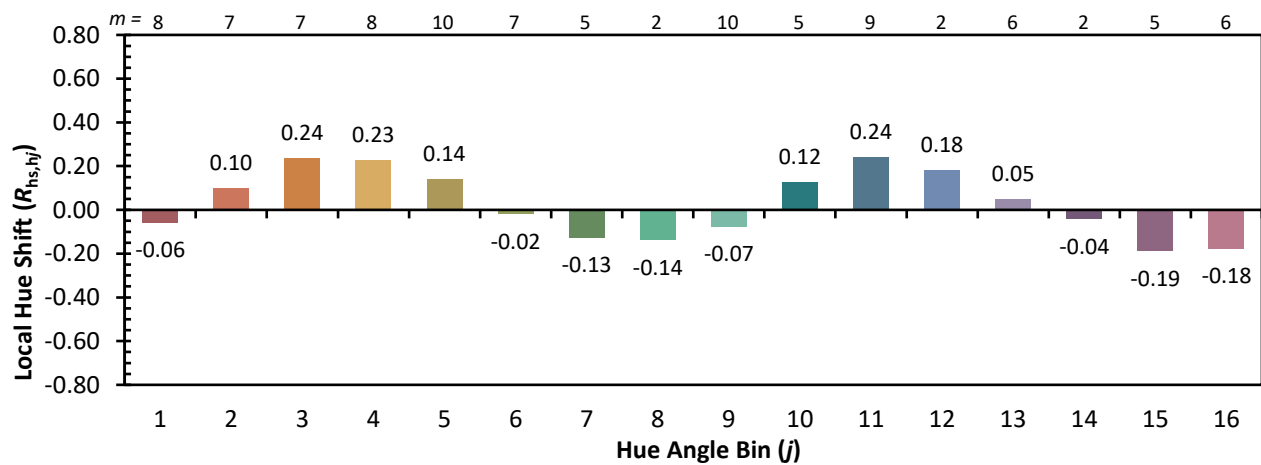
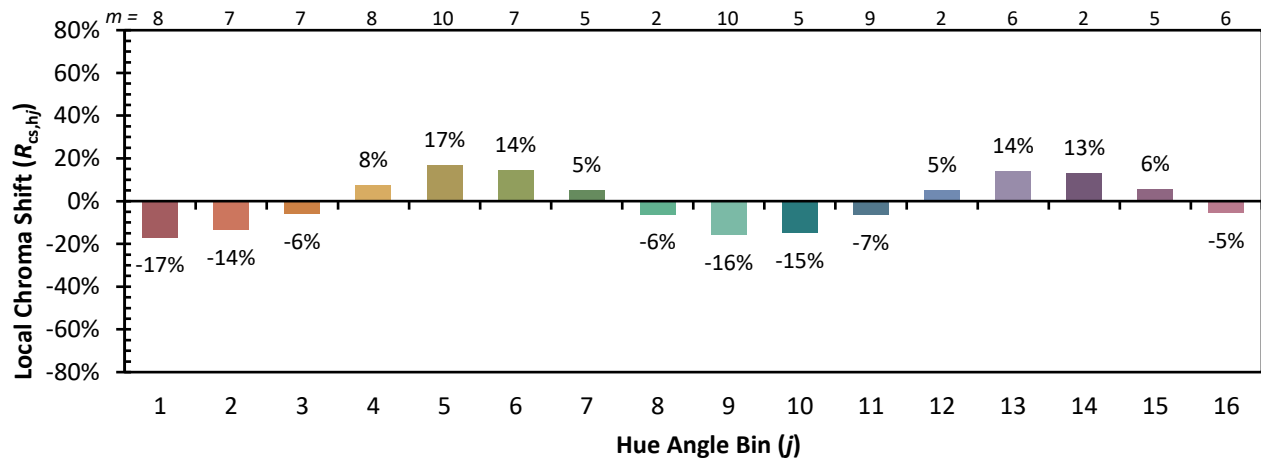


Individual Sample Fidelity Index ($R_{f,i}$)

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)