

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: LUMARK

Report Number: P1067286

Luminaire Tested: **NAV-SA5B-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067286
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5B-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21864.6 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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

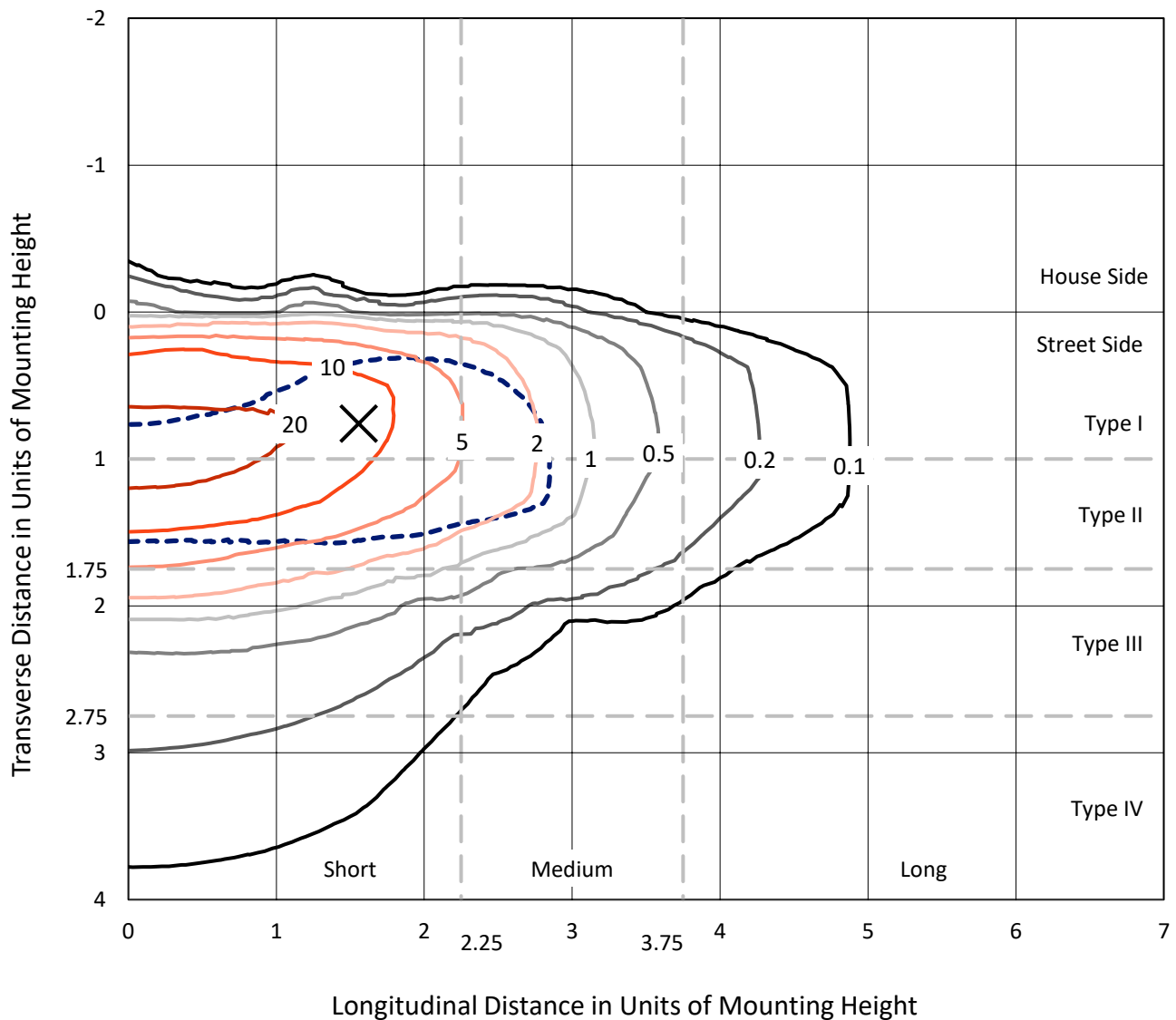


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

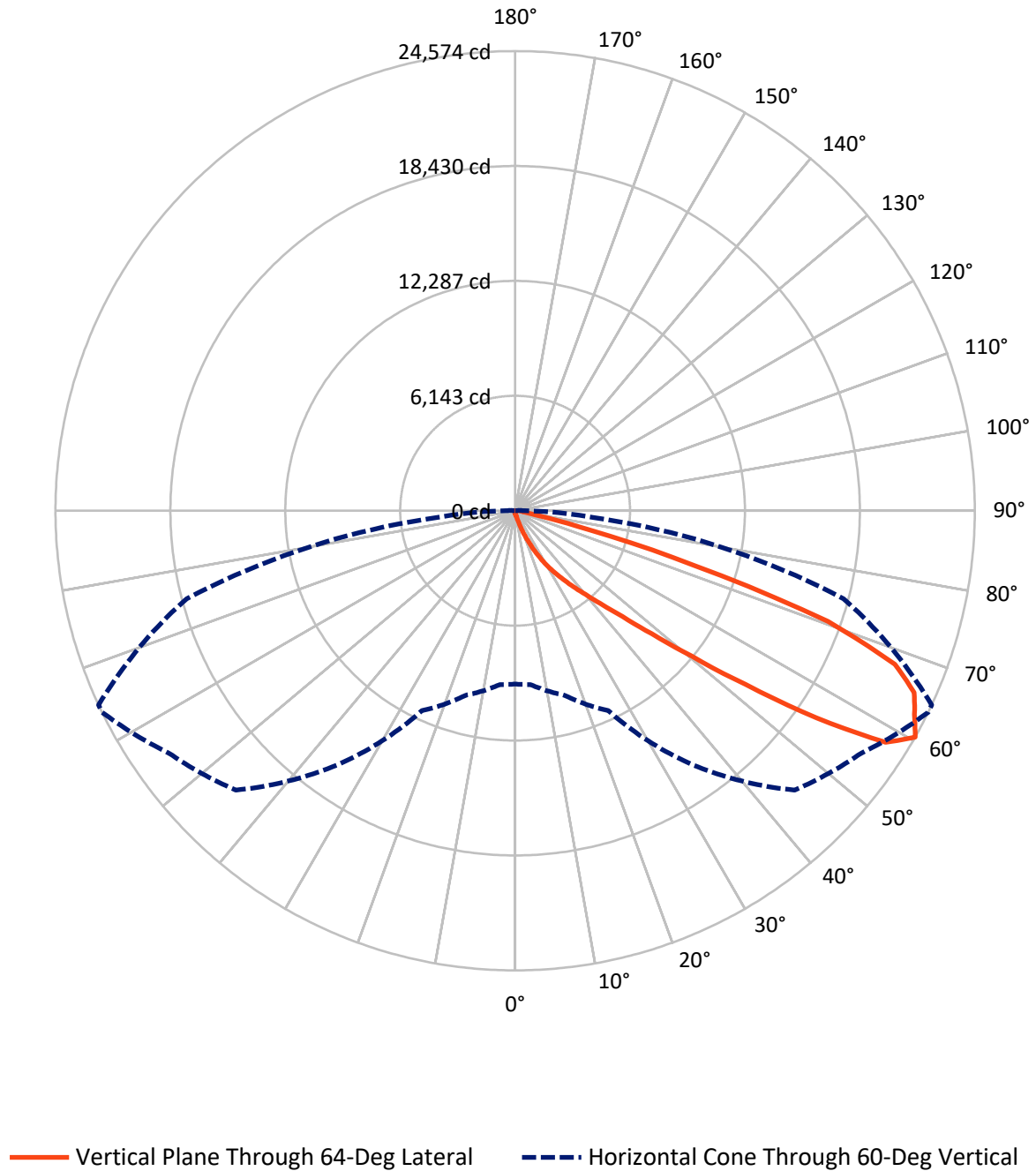


Based on 15 foot mounting height. Maximum calculated value = 31.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA5B-750-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.6	0.0	88.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21776.0	0.0	21776.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	21864.6	0.0	21864.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	0.1
10°-20°	214.9	1.0
20°-30°	713.6	3.3
30°-40°	1904.1	8.7
40°-50°	4839.8	22.1
50°-60°	7055.4	32.3
60°-70°	5449.6	24.9
70°-80°	1496.5	6.8
80°-90°	168.9	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°	21864.6	100.0
0°-180°	21864.6	100.0



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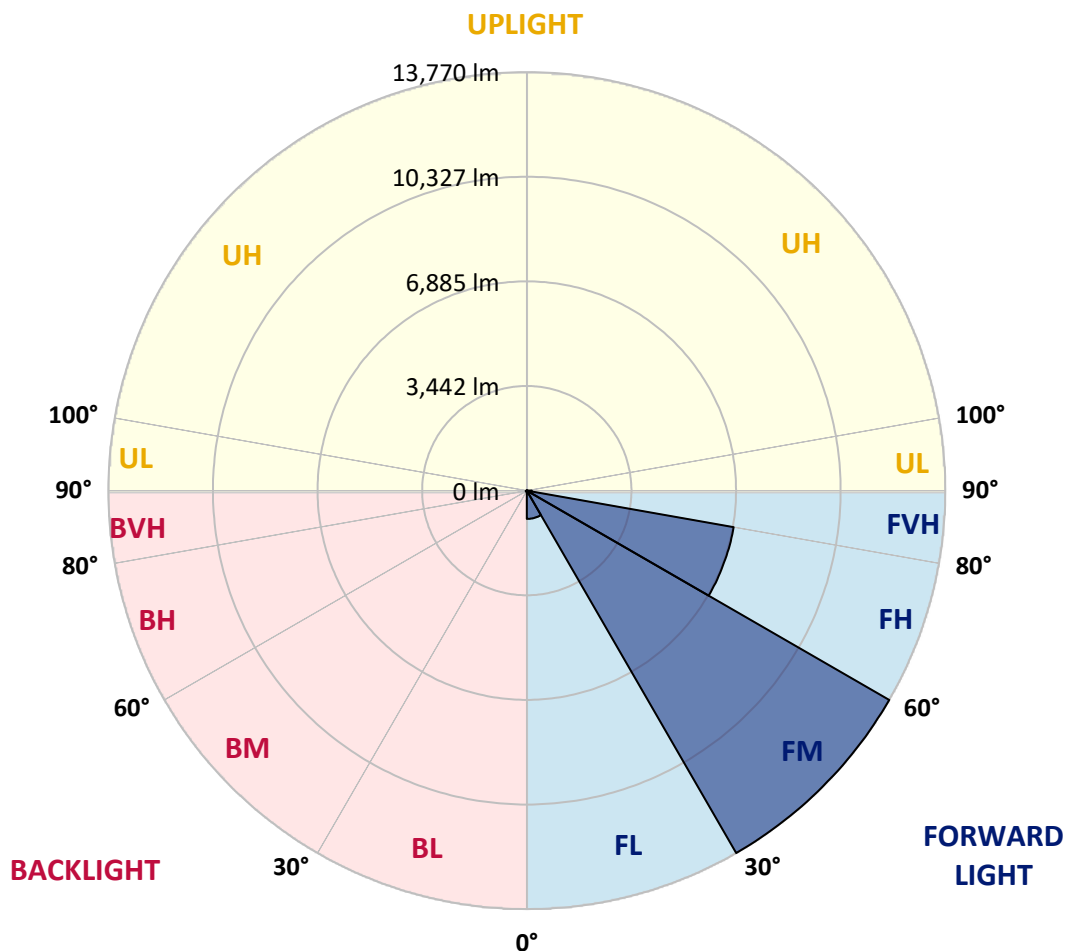
CATALOG NUMBER: NAV-SA5B-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	930.3	4.3			
FM	(30°-60°)	13769.9	63.0			
FH	(60°-80°)	6910.8	31.6			G3/7500
FVH	(80°-90°)	164.9	0.8			G2/225
BL	(0°-30°)	19.9	0.1	B0/110		
BM	(30°-60°)	29.4	0.1	B0/220		
BH	(60°-80°)	35.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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 II Short



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CATALOG NUMBER: NAV-SA5B-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4
2.5°	192.6	192.6	192.6	186.6	180.6	180.6	174.5	168.5	168.5	156.5	150.5
5°	294.9	294.9	282.9	270.8	252.8	228.7	204.6	186.6	186.6	168.5	156.5
7.5°	577.8	595.8	541.7	475.5	385.2	325.0	258.8	216.7	210.6	180.6	156.5
10°	1251.9	1239.8	1155.6	993.1	782.4	565.7	361.1	264.8	252.8	192.6	156.5
12.5°	1883.8	1901.9	1811.6	1631.0	1378.2	1005.1	619.9	343.1	331.0	210.6	156.5
15°	2425.5	2425.5	2365.3	2275.0	1998.2	1606.9	999.1	511.6	469.4	228.7	150.5
17.5°	2798.6	2792.6	2768.5	2744.5	2582.0	2178.7	1528.7	818.5	722.2	270.8	150.5
20°	3219.9	3201.9	3232.0	3183.8	3057.4	2738.4	2088.4	1215.7	1125.5	343.1	150.5
22.5°	3659.3	3677.3	3701.4	3653.3	3514.8	3238.0	2678.2	1727.3	1631.0	475.5	156.5
25°	4219.0	4207.0	4261.1	4219.0	4044.5	3719.5	3232.0	2287.0	2148.6	662.0	168.5
27.5°	4905.1	4881.0	4917.1	4808.8	4580.1	4249.1	3725.5	2858.8	2696.3	950.9	192.6
30°	5813.9	5832.0	5669.5	5543.1	5218.1	4778.7	4273.2	3472.7	3304.2	1294.0	216.7
32.5°	7246.3	7119.9	6867.1	6355.6	5928.3	5368.5	4820.8	4008.3	3857.9	1733.3	252.8
35°	9479.2	9503.3	8949.6	7685.7	6758.8	6108.8	5422.7	4598.2	4489.8	2232.9	300.9
37.5°	12199.6	12133.4	11645.9	10051.0	7974.6	7029.6	6108.8	5242.1	5085.7	2774.5	361.1
40°	15281.1	15004.2	14721.3	13638.0	10508.4	8185.2	6975.5	5988.4	5868.1	3400.5	457.4
42.5°	17748.7	17676.4	17724.6	17273.2	14733.4	10153.3	8125.0	6903.3	6758.8	4176.9	625.9
45°	18964.4	18862.1	19151.0	19488.0	18838.0	14342.2	9978.7	8070.9	7878.3	5091.7	884.7
47.5°	18639.4	18567.2	19187.1	19849.1	20715.8	19199.1	13006.1	9816.2	9485.2	6265.3	1269.9
50°	17038.5	17044.5	18061.6	19295.4	20667.7	21660.7	17489.9	12205.6	11790.3	7824.1	1871.8
52.5°	15479.7	15527.8	16605.1	18404.7	19951.4	21949.6	21426.0	15425.5	14751.4	9659.8	2582.0
55°	13878.7	13902.8	14853.7	17387.6	19614.4	21088.9	23448.2	19572.3	18856.1	11946.8	3274.1
57.5°	12338.0	12338.0	12693.1	14944.0	19247.3	21010.7	23207.5	23364.0	22780.2	14558.8	3785.7
60°	9268.5	9328.7	10213.5	11790.3	16599.1	21125.1	22593.6	24573.7	24573.7	18182.0	4176.9
62.5°	4682.4	4772.7	5874.1	7408.8	11387.1	19548.2	22689.9	23965.8	24062.1	21377.8	5067.6
65°	2196.8	2299.1	2888.9	3972.2	6126.9	13758.4	21690.8	23448.2	23418.1	20770.0	6945.4
67.5°	1576.9	1606.9	1805.6	2317.1	3298.2	6030.6	16557.0	21901.5	21913.5	17646.3	7986.6
70°	1414.4	1414.4	1462.5	1613.0	1986.1	2696.3	8046.8	17736.6	18597.3	13626.0	7402.8
72.5°	1396.3	1384.3	1372.2	1378.2	1342.1	1354.2	2762.5	10014.8	11242.6	9533.4	5904.2
75°	1360.2	1360.2	1348.2	1306.0	1071.3	872.7	950.9	4050.5	4682.4	6367.6	4381.5
77.5°	1077.3	1185.7	1312.0	1233.8	981.0	656.0	553.7	1173.6	1480.6	3906.0	3177.8
80°	499.5	505.6	499.5	523.6	625.9	469.4	409.3	571.8	577.8	2166.7	1968.1
82.5°	361.1	367.1	349.1	313.0	276.9	252.8	337.0	421.3	451.4	993.1	734.3
85°	108.3	102.3	120.4	162.5	192.6	222.7	282.9	355.1	373.1	367.1	108.3
87.5°	48.1	48.1	60.2	84.3	114.4	168.5	246.8	325.0	331.0	379.2	30.1
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: NAV-SA5B-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4
2.5°	150.5	144.4	138.4	132.4	126.4	120.4	114.4	114.4	120.4	120.4	120.4
5°	144.4	138.4	126.4	114.4	108.3	102.3	96.3	96.3	102.3	102.3	102.3
7.5°	144.4	132.4	120.4	108.3	96.3	90.3	84.3	84.3	84.3	90.3	90.3
10°	144.4	132.4	114.4	96.3	84.3	78.2	72.2	66.2	72.2	72.2	72.2
12.5°	138.4	126.4	108.3	90.3	72.2	60.2	54.2	54.2	54.2	54.2	54.2
15°	132.4	120.4	102.3	78.2	60.2	48.1	36.1	36.1	36.1	42.1	42.1
17.5°	126.4	114.4	90.3	60.2	42.1	30.1	24.1	24.1	24.1	30.1	30.1
20°	126.4	108.3	78.2	48.1	30.1	18.1	12.0	12.0	12.0	18.1	24.1
22.5°	126.4	108.3	72.2	36.1	18.1	12.0	6.0	6.0	6.0	6.0	6.0
25°	126.4	102.3	66.2	30.1	12.0	6.0	0.0	0.0	6.0	12.0	18.1
27.5°	126.4	96.3	54.2	18.1	12.0	6.0	0.0	6.0	12.0	12.0	12.0
30°	126.4	96.3	48.1	18.1	6.0	0.0	0.0	6.0	12.0	12.0	18.1
32.5°	132.4	90.3	42.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	138.4	84.3	36.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	150.5	84.3	24.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	168.5	90.3	24.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	210.6	96.3	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	294.9	120.4	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	433.3	180.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	631.9	246.8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	776.4	246.8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	770.4	156.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	589.8	108.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	499.5	78.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	601.9	60.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1071.3	54.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1721.3	54.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1925.9	54.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1504.6	48.1	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	824.5	42.1	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	415.3	30.1	12.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	174.5	24.1	12.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.2	24.1	12.0	12.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0
85°	30.1	18.1	18.1	12.0	12.0	6.0	6.0	0.0	0.0	0.0	0.0
87.5°	18.1	18.1	18.1	12.0	12.0	6.0	6.0	0.0	0.0	0.0	6.0
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

REPORT NUMBER: SP1-2407-184-6

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 $\text{W}^\wedge/\text{nm}$	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

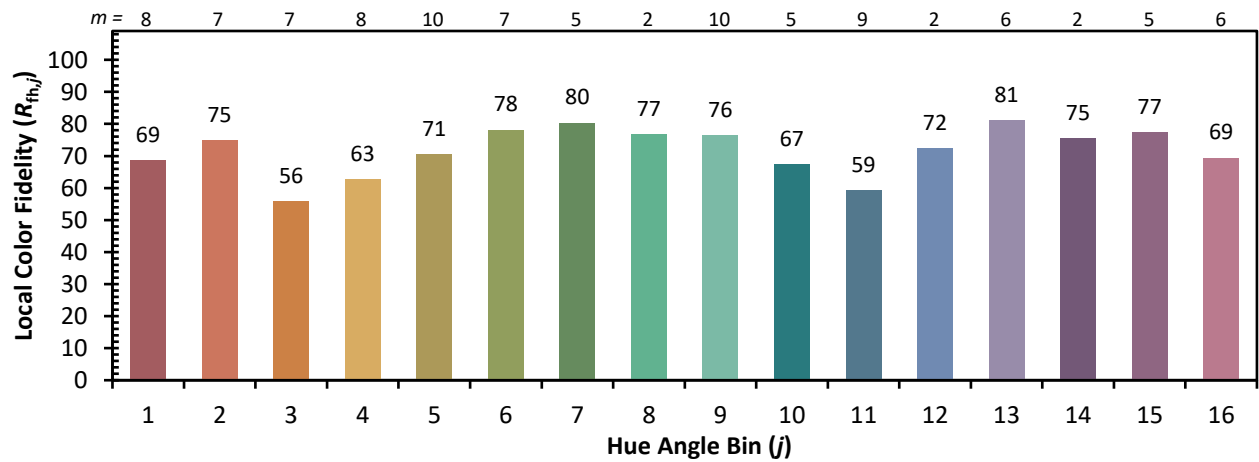
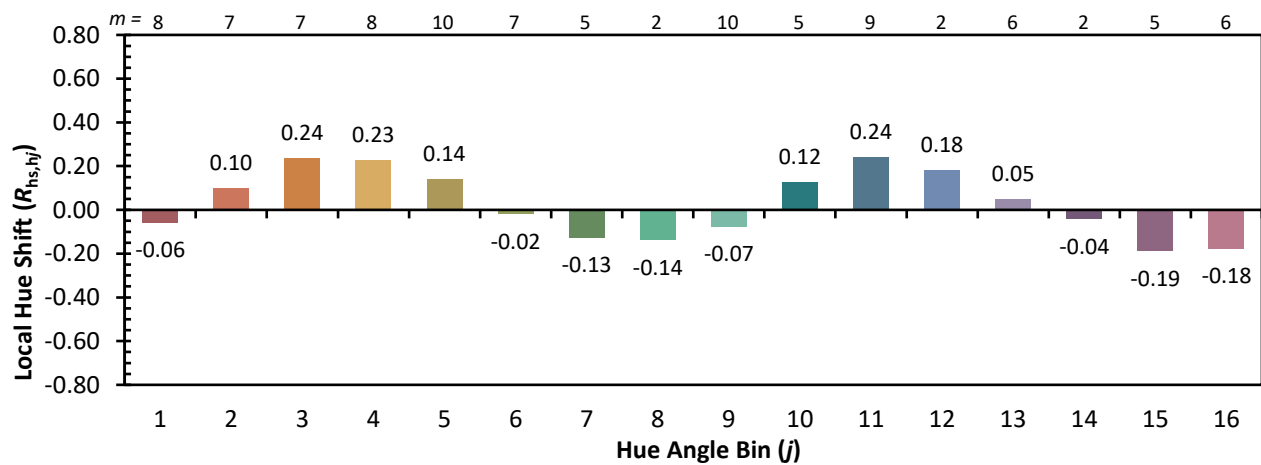
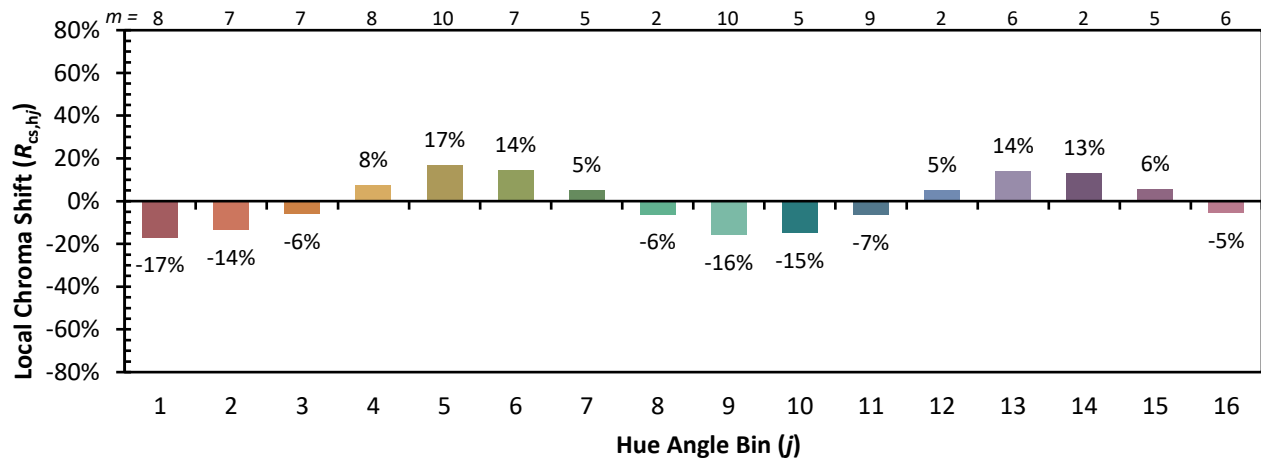


Individual Sample Fidelity Index ($R_{f,i}$)

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)