

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: P1067282

Luminaire Tested: **NAV-SA4B-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067282
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4B-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17341.2 lumens
Efficiency: N/A
Efficacy: 120.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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



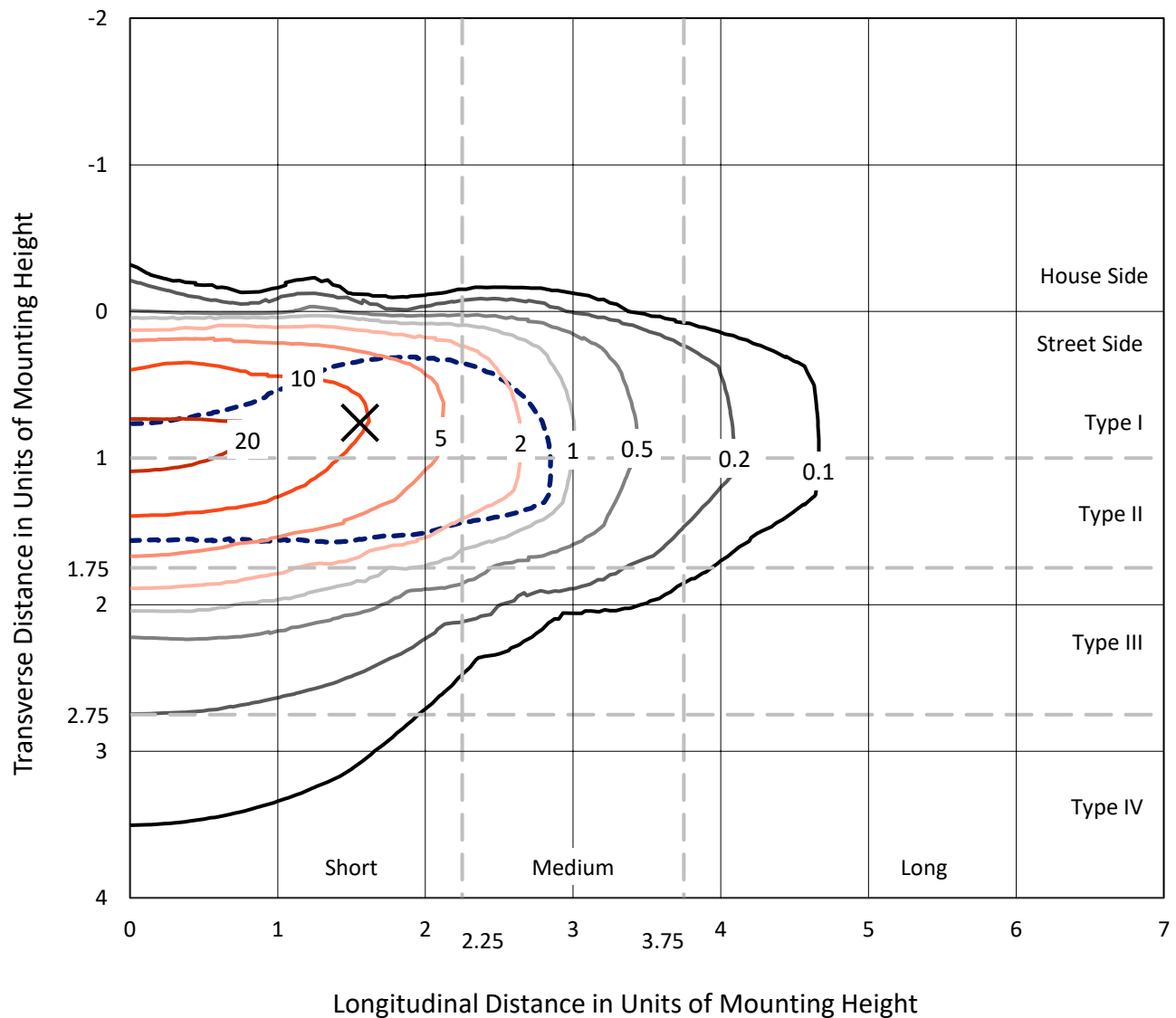
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

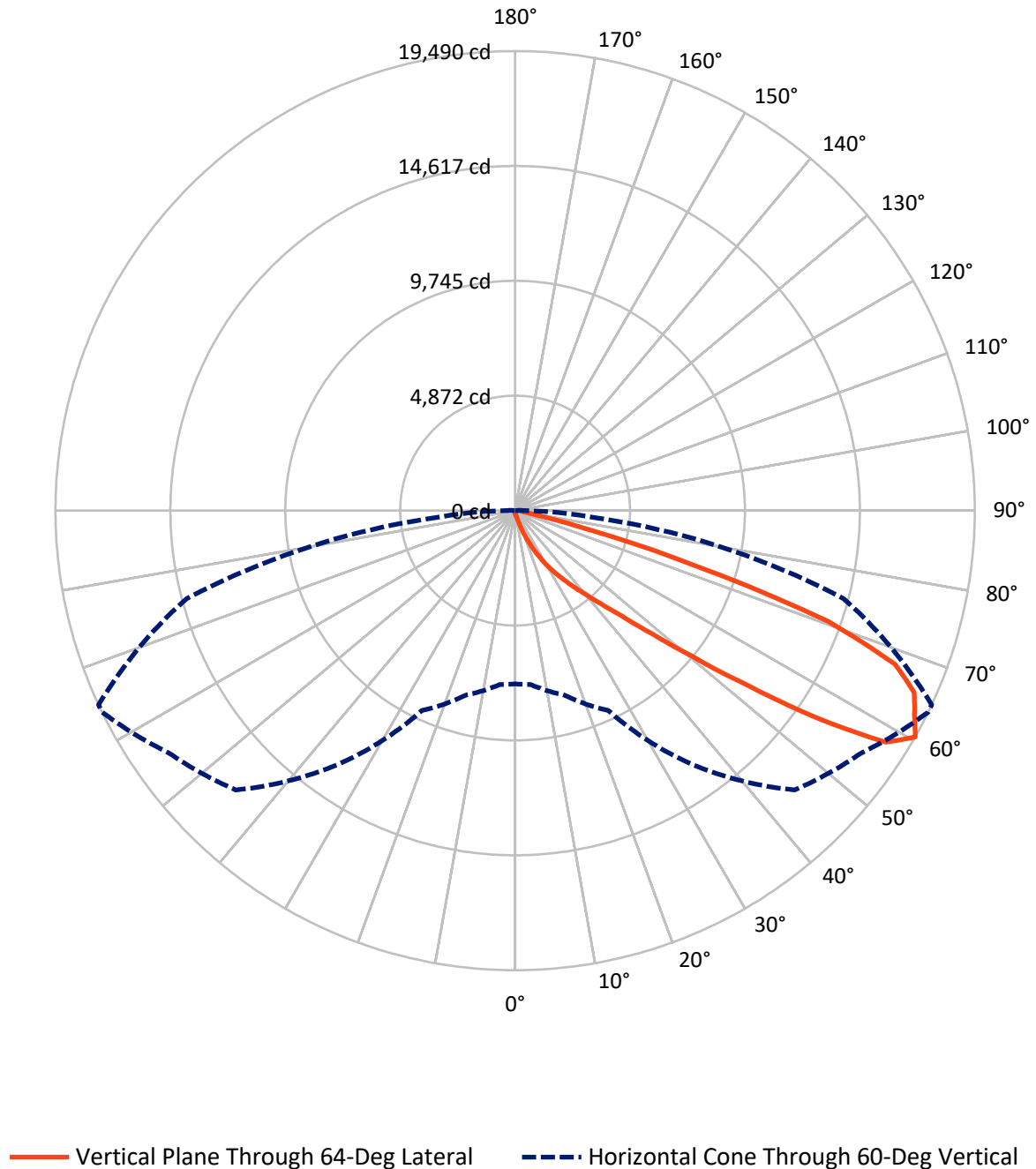


Based on 15 foot mounting height. Maximum calculated value = 24.9 fc
 Type II - Short - N/A

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CATALOG NUMBER: NAV-SA4B-750-U-T2BC

Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA4B-750-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.3	0.0	70.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17270.9	0.0	17270.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	17341.2	0.0	17341.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	170.4	1.0
20°-30°	566.0	3.3
30°-40°	1510.2	8.7
40°-50°	3838.5	22.1
50°-60°	5595.7	32.3
60°-70°	4322.2	24.9
70°-80°	1186.9	6.8
80°-90°	134.0	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°	17341.2	100.0
0°-180°	17341.2	100.0



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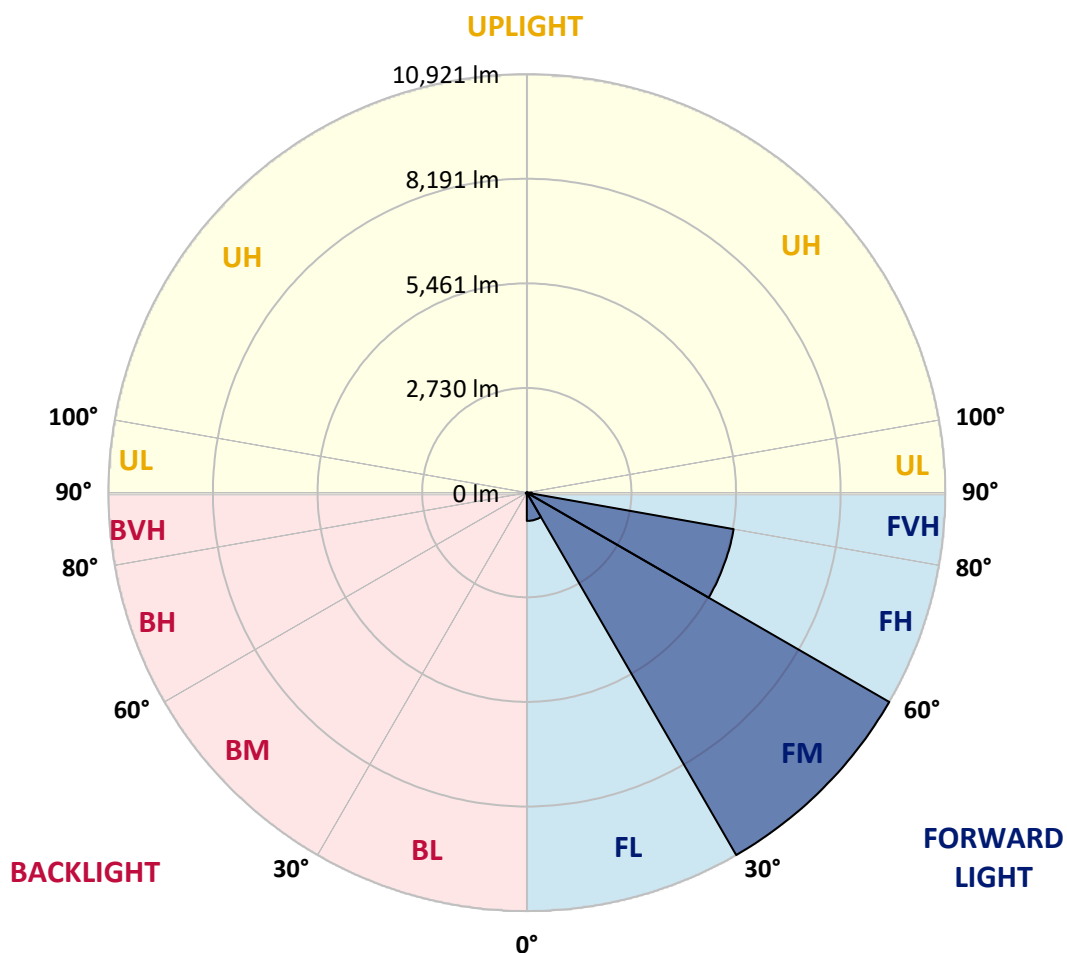
CATALOG NUMBER: NAV-SA4B-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	737.9	4.3			
FM	(30°-60°)	10921.1	63.0			
FH	(60°-80°)	5481.1	31.6			G3/7500
FVH	(80°-90°)	130.8	0.8			G2/225
BL	(0°-30°)	15.8	0.1	B0/110		
BM	(30°-60°)	23.3	0.1	B0/220		
BH	(60°-80°)	28.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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-G3

Type II Short



REPORT NUMBER: P1067282

CATALOG NUMBER: NAV-SA4B-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6
2.5°	152.7	152.7	152.7	148.0	143.2	143.2	138.4	133.7	133.7	124.1	119.3
5°	233.9	233.9	224.3	214.8	200.5	181.4	162.3	148.0	148.0	133.7	124.1
7.5°	458.2	472.6	429.6	377.1	305.5	257.8	205.3	171.8	167.1	143.2	124.1
10°	992.9	983.3	916.5	787.6	620.5	448.7	286.4	210.0	200.5	152.7	124.1
12.5°	1494.1	1508.4	1436.8	1293.6	1093.1	797.2	491.7	272.1	262.5	167.1	124.1
15°	1923.7	1923.7	1875.9	1804.3	1584.8	1274.5	792.4	405.7	372.3	181.4	119.3
17.5°	2219.6	2214.9	2195.8	2176.7	2047.8	1728.0	1212.4	649.2	572.8	214.8	119.3
20°	2553.8	2539.4	2563.3	2525.1	2424.9	2171.9	1656.4	964.2	892.6	272.1	119.3
22.5°	2902.2	2916.5	2935.6	2897.5	2787.7	2568.1	2124.2	1370.0	1293.6	377.1	124.1
25°	3346.2	3336.6	3379.6	3346.2	3207.7	2950.0	2563.3	1813.9	1704.1	525.1	133.7
27.5°	3890.3	3871.2	3899.9	3813.9	3632.6	3370.0	2954.7	2267.4	2138.5	754.2	152.7
30°	4611.1	4625.4	4496.5	4396.3	4138.5	3790.1	3389.1	2754.3	2620.6	1026.3	171.8
32.5°	5747.2	5646.9	5446.5	5040.7	4701.8	4257.9	3823.5	3179.1	3059.8	1374.7	200.5
35°	7518.1	7537.2	7098.0	6095.6	5360.5	4845.0	4300.8	3646.9	3561.0	1770.9	238.7
37.5°	9675.7	9623.2	9236.5	7971.6	6324.8	5575.3	4845.0	4157.6	4033.5	2200.5	286.4
40°	12119.7	11900.1	11675.7	10816.5	8334.4	6491.8	5532.4	4749.5	4654.1	2697.0	362.8
42.5°	14076.8	14019.5	14057.7	13699.7	11685.3	8052.7	6444.1	5475.1	5360.5	3312.7	496.4
45°	15041.0	14959.8	15189.0	15456.3	14940.7	11375.0	7914.3	6401.1	6248.4	4038.3	701.7
47.5°	14783.2	14725.9	15217.6	15742.7	16430.1	15227.2	10315.3	7785.4	7522.9	4969.1	1007.2
50°	13513.5	13518.3	14325.0	15303.5	16391.9	17179.5	13871.5	9680.5	9351.1	6205.4	1484.5
52.5°	12277.2	12315.4	13169.8	14597.1	15823.8	17408.6	16993.3	12234.2	11699.6	7661.3	2047.8
55°	11007.5	11026.6	11780.8	13790.4	15556.5	16726.0	18597.2	15523.1	14955.1	9475.2	2596.7
57.5°	9785.5	9785.5	10067.1	11852.4	15265.3	16663.9	18406.2	18530.3	18067.3	11546.9	3002.5
60°	7351.0	7398.8	8100.5	9351.1	13165.0	16754.6	17919.4	19489.8	19489.8	14420.4	3312.7
62.5°	3713.7	3785.3	4658.8	5876.1	9031.3	15504.0	17995.7	19007.7	19084.1	16955.1	4019.2
65°	1742.3	1823.4	2291.2	3150.4	4859.3	10912.0	17203.3	18597.2	18573.3	16473.0	5508.5
67.5°	1250.6	1274.5	1432.0	1837.8	2615.8	4782.9	13131.6	17370.4	17380.0	13995.6	6334.3
70°	1121.7	1121.7	1159.9	1279.3	1575.2	2138.5	6382.0	14067.2	14749.8	10807.0	5871.3
72.5°	1107.4	1097.9	1088.3	1093.1	1064.5	1074.0	2191.0	7942.9	8916.7	7561.1	4682.7
75°	1078.8	1078.8	1069.2	1035.8	849.7	692.1	754.2	3212.5	3713.7	5050.3	3475.0
77.5°	854.4	940.4	1040.6	978.5	778.1	520.3	439.2	930.8	1174.3	3097.9	2520.4
80°	396.2	401.0	396.2	415.3	496.4	372.3	324.6	453.5	458.2	1718.4	1560.9
82.5°	286.4	291.2	276.9	248.2	219.6	200.5	267.3	334.1	358.0	787.6	582.4
85°	85.9	81.1	95.5	128.9	152.7	176.6	224.3	281.6	296.0	291.2	85.9
87.5°	38.2	38.2	47.7	66.8	90.7	133.7	195.7	257.8	262.5	300.7	23.9
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: NAV-SA4B-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6
2.5°	119.3	114.6	109.8	105.0	100.2	95.5	90.7	90.7	95.5	95.5	95.5
5°	114.6	109.8	100.2	90.7	85.9	81.1	76.4	76.4	81.1	81.1	81.1
7.5°	114.6	105.0	95.5	85.9	76.4	71.6	66.8	66.8	66.8	71.6	71.6
10°	114.6	105.0	90.7	76.4	66.8	62.1	57.3	52.5	57.3	57.3	57.3
12.5°	109.8	100.2	85.9	71.6	57.3	47.7	43.0	43.0	43.0	43.0	43.0
15°	105.0	95.5	81.1	62.1	47.7	38.2	28.6	28.6	28.6	33.4	33.4
17.5°	100.2	90.7	71.6	47.7	33.4	23.9	19.1	19.1	19.1	23.9	23.9
20°	100.2	85.9	62.1	38.2	23.9	14.3	9.5	9.5	9.5	14.3	19.1
22.5°	100.2	85.9	57.3	28.6	14.3	9.5	4.8	4.8	4.8	4.8	4.8
25°	100.2	81.1	52.5	23.9	9.5	4.8	0.0	0.0	4.8	9.5	14.3
27.5°	100.2	76.4	43.0	14.3	9.5	4.8	0.0	4.8	9.5	9.5	9.5
30°	100.2	76.4	38.2	14.3	4.8	0.0	0.0	4.8	9.5	9.5	14.3
32.5°	105.0	71.6	33.4	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	109.8	66.8	28.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	119.3	66.8	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	133.7	71.6	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	167.1	76.4	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	233.9	95.5	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	343.7	143.2	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	501.2	195.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	615.8	195.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	611.0	124.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	467.8	85.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	396.2	62.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	477.3	47.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	849.7	43.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1365.2	43.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1527.5	43.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1193.4	38.2	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	654.0	33.4	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	329.4	23.9	9.5	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	138.4	19.1	9.5	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0
82.5°	47.7	19.1	9.5	9.5	4.8	4.8	0.0	0.0	0.0	0.0	0.0
85°	23.9	14.3	14.3	9.5	9.5	4.8	4.8	0.0	0.0	0.0	0.0
87.5°	14.3	14.3	14.3	9.5	9.5	4.8	4.8	0.0	0.0	0.0	4.8
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 ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

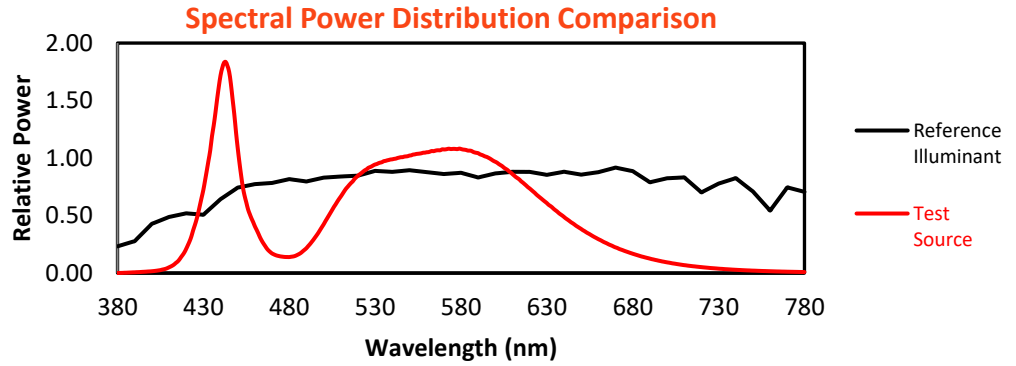
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	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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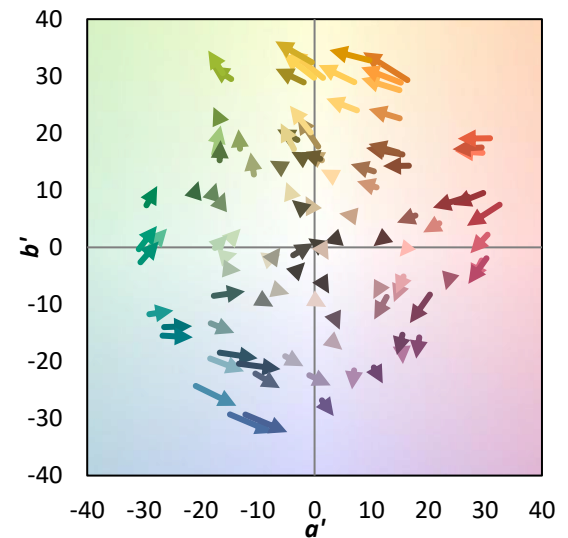
TM-30-18

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)