

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: P1067226

Luminaire Tested: **NAV-SA2B-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067226
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8087 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

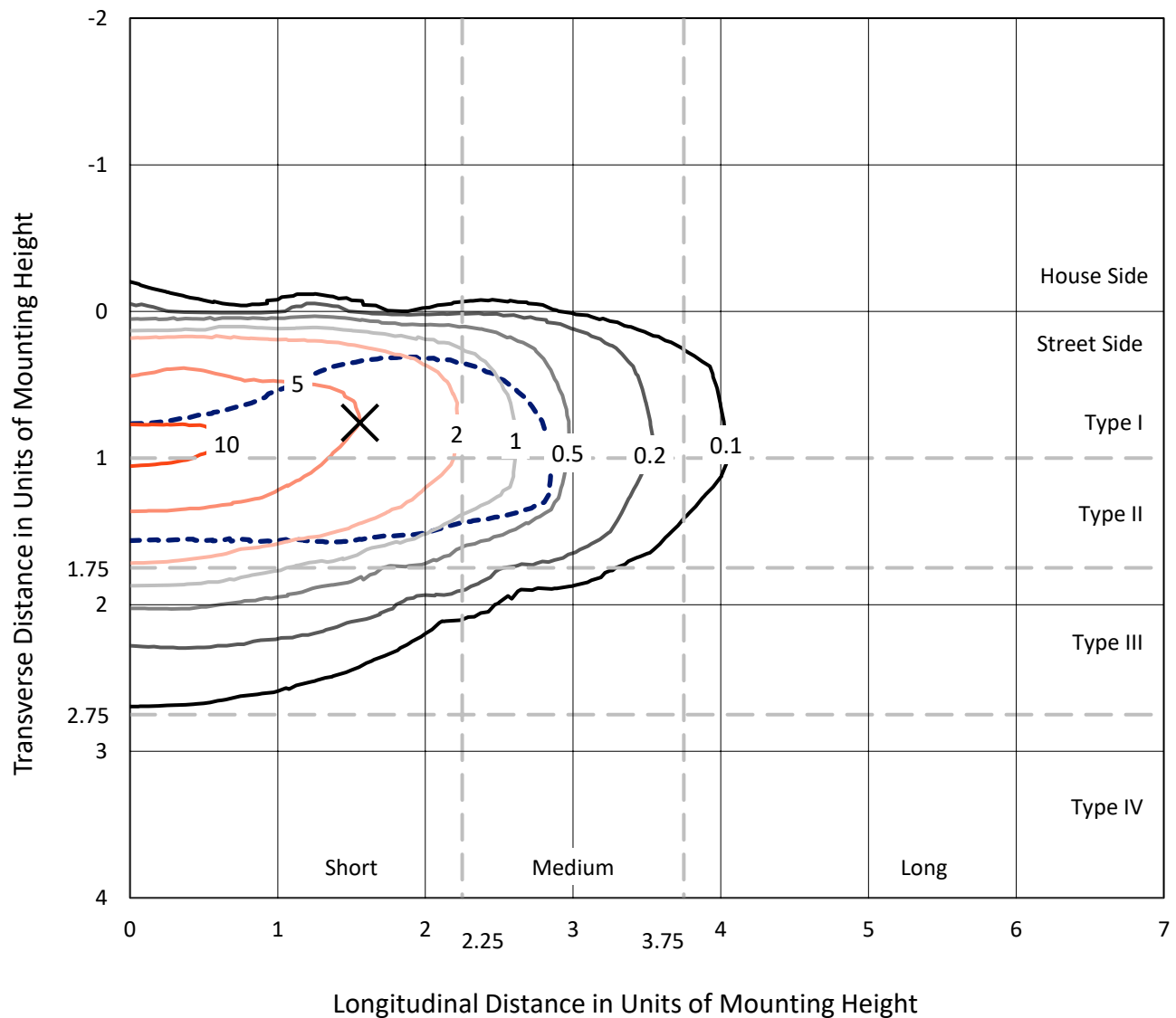


REPORT NUMBER: P1067226

CATALOG NUMBER: NAV-SA2B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

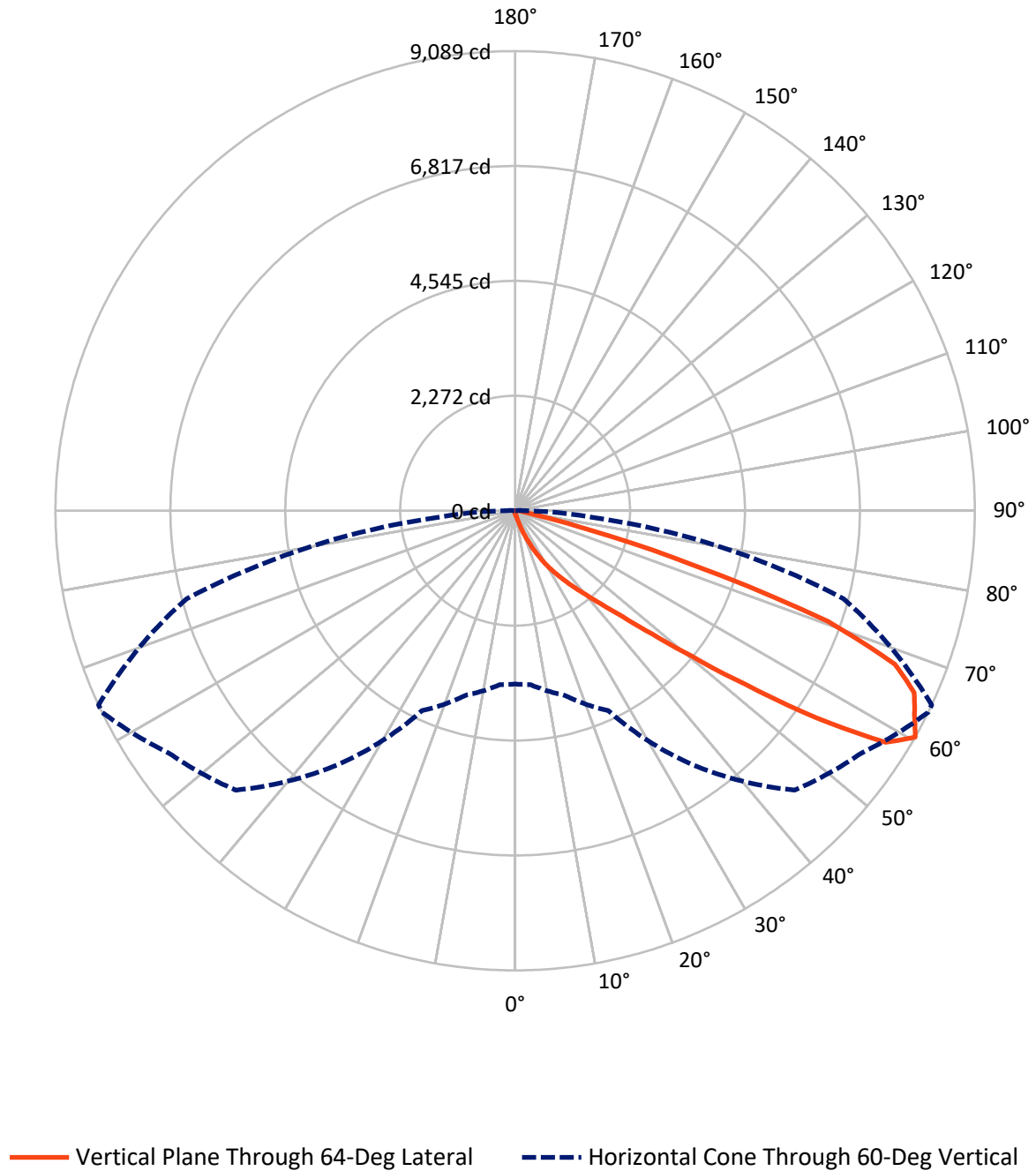


Based on 15 foot mounting height. Maximum calculated value = 11.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1067226

CATALOG NUMBER: NAV-SA2B-730-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067226

CATALOG NUMBER: NAV-SA2B-730-U-T2BC

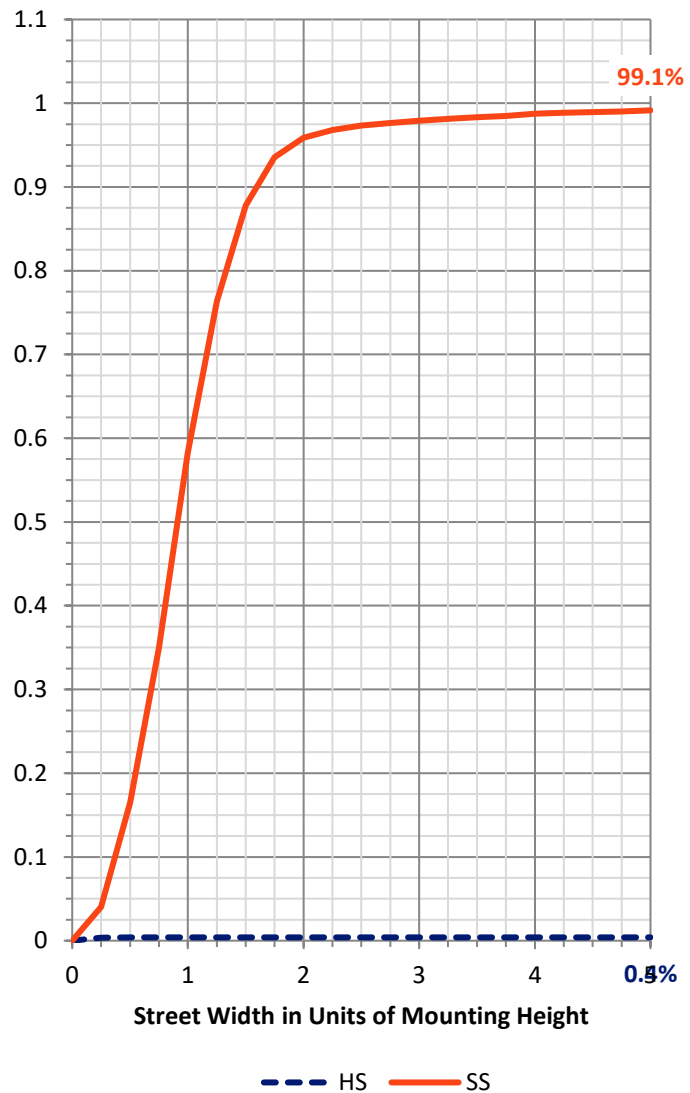
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.8	0.0	32.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8054.2	0.0	8054.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	8087.0	0.0	8087.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	79.5	1.0
20°-30°	263.9	3.3
30°-40°	704.3	8.7
40°-50°	1790.1	22.1
50°-60°	2609.6	32.3
60°-70°	2015.6	24.9
70°-80°	553.5	6.8
80°-90°	62.5	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°	8087.0	100.0
0°-180°	8087.0	100.0



REPORT NUMBER: P1067226

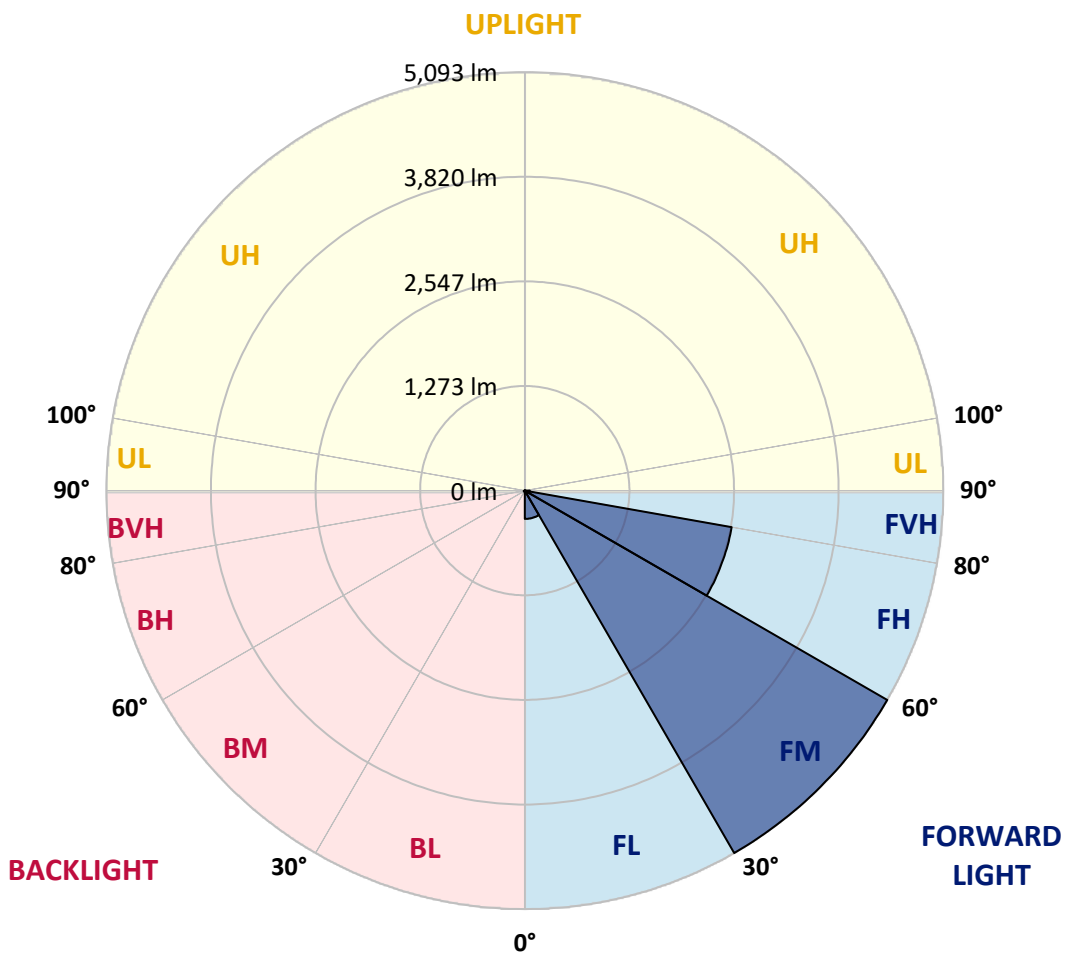
CATALOG NUMBER: NAV-SA2B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	344.1	4.3			
FM	(30°-60°)	5093.1	63.0			
FH	(60°-80°)	2556.1	31.6			G2/5000
FVH	(80°-90°)	61.0	0.8			G1/100
BL	(0°-30°)	7.4	0.1	B0/110		
BM	(30°-60°)	10.9	0.1	B0/220		
BH	(60°-80°)	13.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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 II Short



REPORT NUMBER: P1067226

CATALOG NUMBER: NAV-SA2B-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	71.2	71.2	71.2	69.0	66.8	66.8	64.6	62.3	62.3	57.9	55.7
5°	109.1	109.1	104.6	100.2	93.5	84.6	75.7	69.0	69.0	62.3	57.9
7.5°	213.7	220.4	200.3	175.9	142.5	120.2	95.7	80.1	77.9	66.8	57.9
10°	463.0	458.6	427.4	367.3	289.4	209.3	133.6	97.9	93.5	71.2	57.9
12.5°	696.8	703.4	670.0	603.3	509.8	371.8	229.3	126.9	122.4	77.9	57.9
15°	897.1	897.1	874.8	841.5	739.1	594.4	369.5	189.2	173.6	84.6	55.7
17.5°	1035.1	1032.9	1024.0	1015.1	955.0	805.8	565.4	302.7	267.1	100.2	55.7
20°	1190.9	1184.3	1195.4	1177.6	1130.8	1012.9	772.4	449.7	416.3	126.9	55.7
22.5°	1353.5	1360.1	1369.0	1351.2	1300.0	1197.6	990.6	638.9	603.3	175.9	57.9
25°	1560.5	1556.0	1576.1	1560.5	1495.9	1375.7	1195.4	845.9	794.7	244.9	62.3
27.5°	1814.2	1805.3	1818.7	1778.6	1694.0	1571.6	1377.9	1057.4	997.3	351.7	71.2
30°	2150.4	2157.1	2097.0	2050.2	1930.0	1767.5	1580.5	1284.4	1222.1	478.6	80.1
32.5°	2680.2	2633.4	2539.9	2350.7	2192.7	1985.7	1783.1	1482.6	1426.9	641.1	93.5
35°	3506.1	3515.0	3310.2	2842.7	2499.9	2259.5	2005.7	1700.7	1660.6	825.9	111.3
37.5°	4512.2	4487.8	4307.4	3717.5	2949.5	2600.1	2259.5	1938.9	1881.0	1026.2	133.6
40°	5652.0	5549.6	5445.0	5044.3	3886.7	3027.5	2580.0	2214.9	2170.4	1257.7	169.2
42.5°	6564.7	6538.0	6555.8	6388.8	5449.4	3755.4	3005.2	2553.3	2499.9	1544.9	231.5
45°	7014.3	6976.5	7083.4	7208.0	6967.6	5304.7	3690.8	2985.2	2913.9	1883.3	327.2
47.5°	6894.1	6867.4	7096.7	7341.6	7662.1	7101.2	4810.5	3630.7	3508.3	2317.3	469.7
50°	6302.0	6304.2	6680.4	7136.8	7644.3	8011.6	6469.0	4514.5	4360.9	2893.9	692.3
52.5°	5725.5	5743.3	6141.7	6807.3	7379.4	8118.5	7924.8	5705.4	5456.1	3572.8	955.0
55°	5133.3	5142.2	5493.9	6431.1	7254.8	7800.2	8672.8	7239.2	6974.3	4418.7	1211.0
57.5°	4563.4	4563.4	4694.8	5527.3	7119.0	7771.2	8583.7	8641.6	8425.7	5384.9	1400.2
60°	3428.1	3450.4	3777.6	4360.9	6139.5	7813.5	8356.7	9089.0	9089.0	6725.0	1544.9
62.5°	1731.9	1765.3	2172.6	2740.3	4211.7	7230.3	8392.3	8864.2	8899.8	7907.0	1874.4
65°	812.5	850.4	1068.5	1469.2	2266.1	5088.8	8022.8	8672.8	8661.6	7682.2	2568.9
67.5°	583.2	594.4	667.8	857.0	1219.9	2230.5	6123.9	8100.7	8105.1	6526.8	2954.0
70°	523.1	523.1	540.9	596.6	734.6	997.3	2976.3	6560.2	6878.6	5039.8	2738.1
72.5°	516.4	512.0	507.5	509.8	496.4	500.9	1021.8	3704.2	4158.3	3526.1	2183.8
75°	503.1	503.1	498.6	483.1	396.2	322.8	351.7	1498.1	1731.9	2355.2	1620.6
77.5°	398.5	438.5	485.3	456.3	362.8	242.6	204.8	434.1	547.6	1444.7	1175.4
80°	184.8	187.0	184.8	193.7	231.5	173.6	151.4	211.5	213.7	801.4	727.9
82.5°	133.6	135.8	129.1	115.8	102.4	93.5	124.7	155.8	167.0	367.3	271.6
85°	40.1	37.8	44.5	60.1	71.2	82.4	104.6	131.3	138.0	135.8	40.1
87.5°	17.8	17.8	22.3	31.2	42.3	62.3	91.3	120.2	122.4	140.2	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067226

CATALOG NUMBER: NAV-SA2B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	55.7	53.4	51.2	49.0	46.7	44.5	42.3	42.3	44.5	44.5	44.5
5°	53.4	51.2	46.7	42.3	40.1	37.8	35.6	35.6	37.8	37.8	37.8
7.5°	53.4	49.0	44.5	40.1	35.6	33.4	31.2	31.2	31.2	33.4	33.4
10°	53.4	49.0	42.3	35.6	31.2	28.9	26.7	24.5	26.7	26.7	26.7
12.5°	51.2	46.7	40.1	33.4	26.7	22.3	20.0	20.0	20.0	20.0	20.0
15°	49.0	44.5	37.8	28.9	22.3	17.8	13.4	13.4	13.4	15.6	15.6
17.5°	46.7	42.3	33.4	22.3	15.6	11.1	8.9	8.9	8.9	11.1	11.1
20°	46.7	40.1	28.9	17.8	11.1	6.7	4.5	4.5	4.5	6.7	8.9
22.5°	46.7	40.1	26.7	13.4	6.7	4.5	2.2	2.2	2.2	2.2	2.2
25°	46.7	37.8	24.5	11.1	4.5	2.2	0.0	0.0	2.2	4.5	6.7
27.5°	46.7	35.6	20.0	6.7	4.5	2.2	0.0	2.2	4.5	4.5	4.5
30°	46.7	35.6	17.8	6.7	2.2	0.0	0.0	2.2	4.5	4.5	6.7
32.5°	49.0	33.4	15.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	51.2	31.2	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	55.7	31.2	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	62.3	33.4	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	77.9	35.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	109.1	44.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	160.3	66.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	233.7	91.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	287.2	91.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	284.9	57.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	218.2	40.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	184.8	28.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	222.6	22.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	396.2	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	636.7	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	712.3	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	556.5	17.8	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.0	15.6	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	153.6	11.1	4.5	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	64.6	8.9	4.5	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	22.3	8.9	4.5	4.5	2.2	2.2	0.0	0.0	0.0	0.0	0.0
85°	11.1	6.7	6.7	4.5	4.5	2.2	2.2	0.0	0.0	0.0	0.0
87.5°	6.7	6.7	6.7	4.5	4.5	2.2	2.2	0.0	0.0	0.0	2.2
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

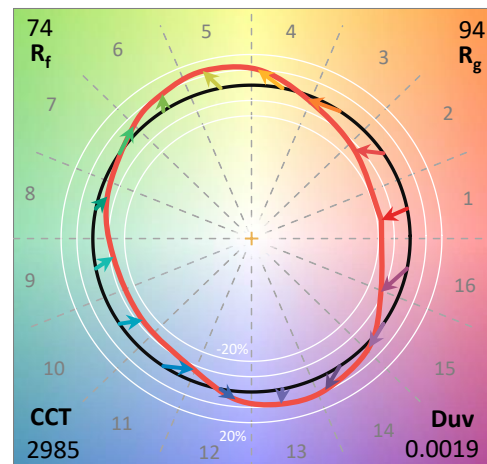
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

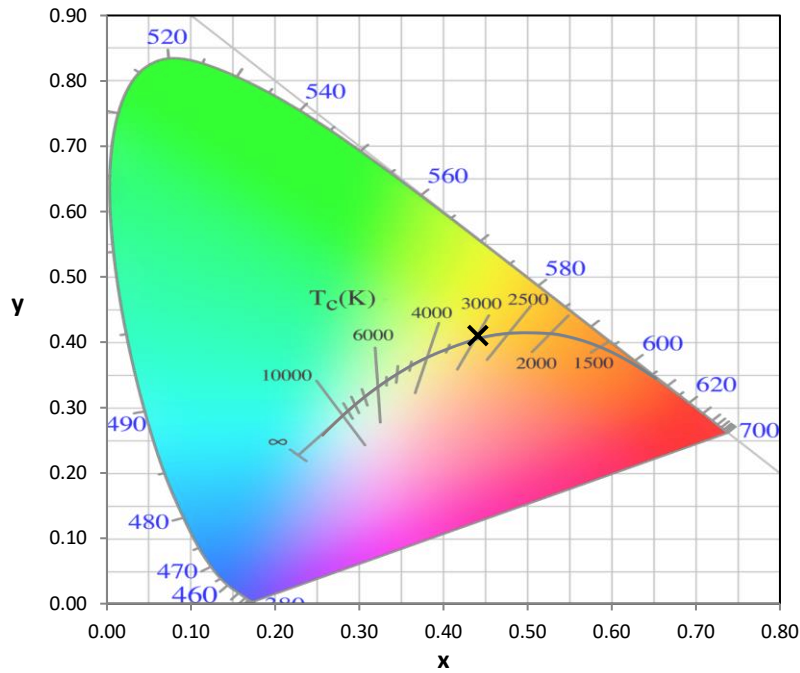
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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

REPORT NUMBER: SP1-2407-184-4

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

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

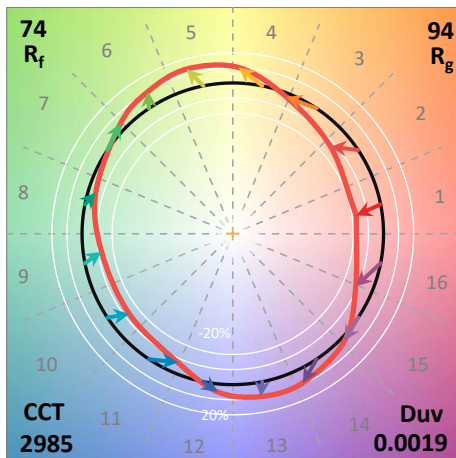
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics



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

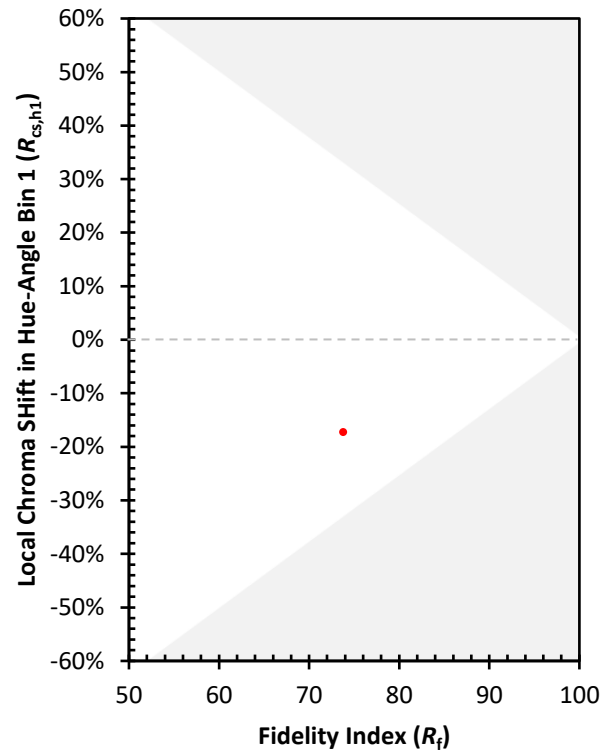
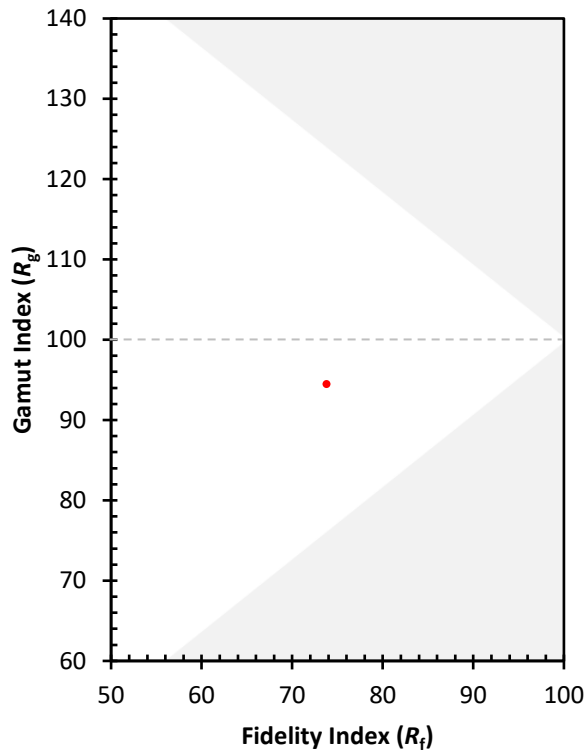
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)