

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: P1067222

Luminaire Tested: **NAV-SA1B-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067222
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1B-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4152.6 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 37.9
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



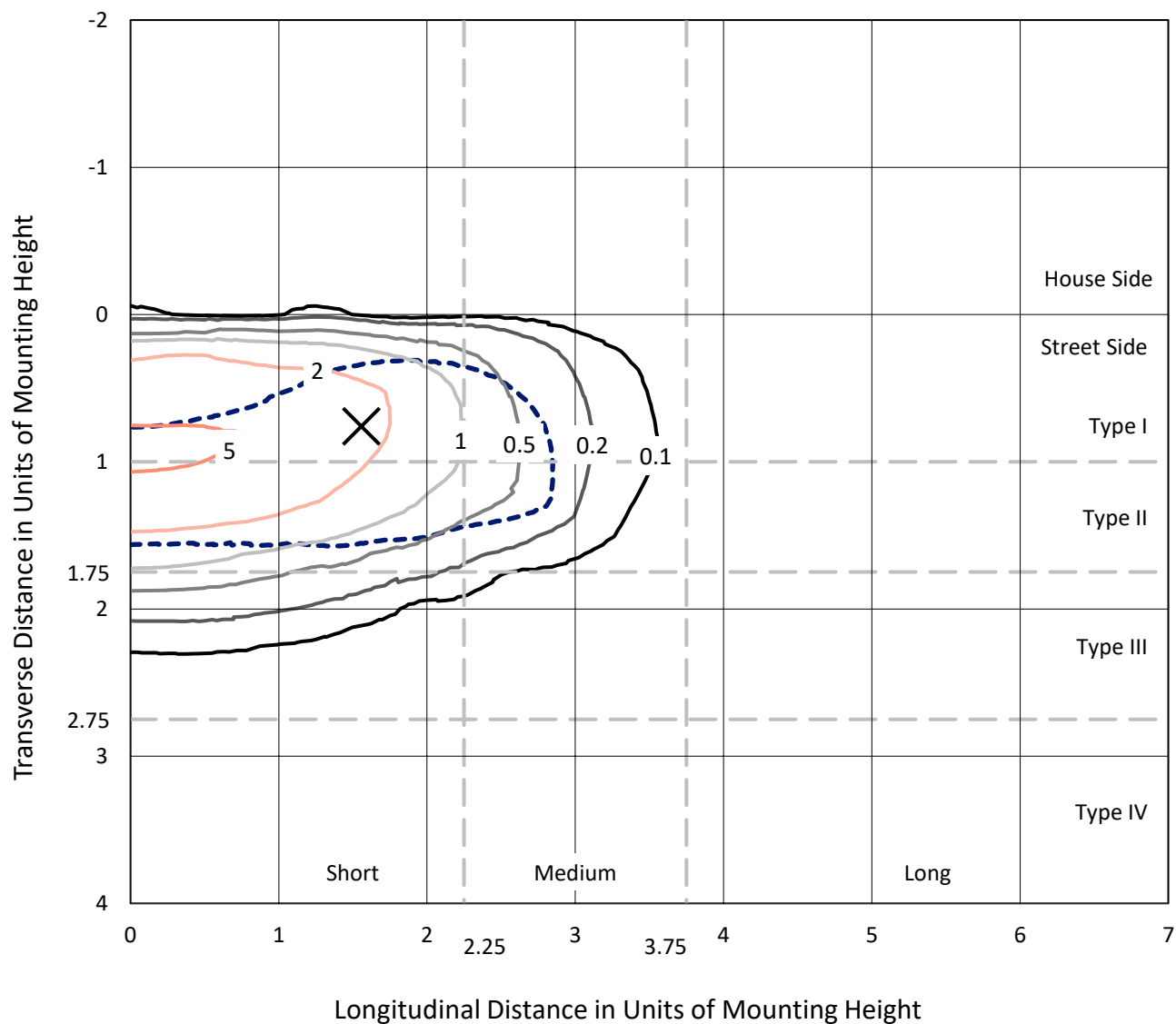
REPORT NUMBER: P1067222

CATALOG NUMBER: NAV-SA1B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

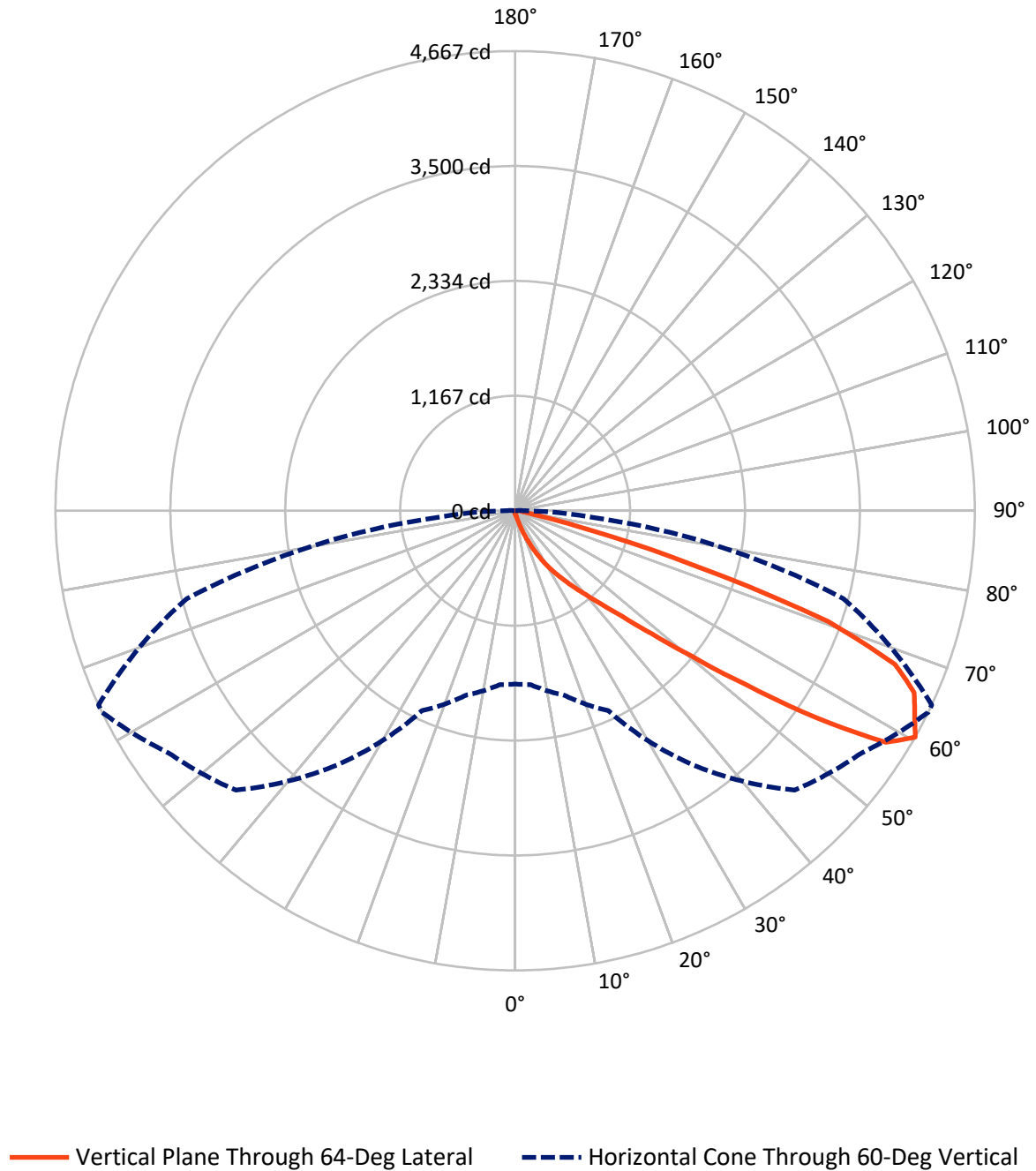


Based on 15 foot mounting height. Maximum calculated value = 6 fc
 Type II - Short - N/A

REPORT NUMBER: P1067222

CATALOG NUMBER: NAV-SA1B-730-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067222

CATALOG NUMBER: NAV-SA1B-730-U-T2BC

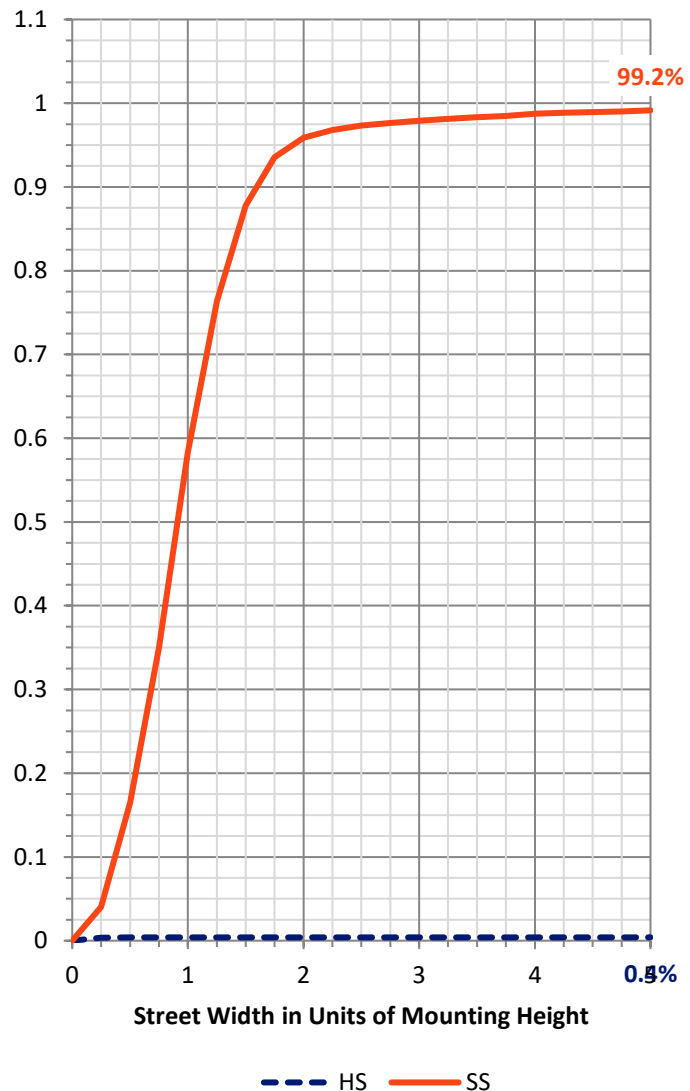
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.8	0.0	16.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4135.8	0.0	4135.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4152.6	0.0	4152.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.1
10°-20°	40.8	1.0
20°-30°	135.5	3.3
30°-40°	361.6	8.7
40°-50°	919.2	22.1
50°-60°	1340.0	32.3
60°-70°	1035.0	24.9
70°-80°	284.2	6.8
80°-90°	32.1	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°	4152.6	100.0
0°-180°	4152.6	100.0



REPORT NUMBER: P1067222

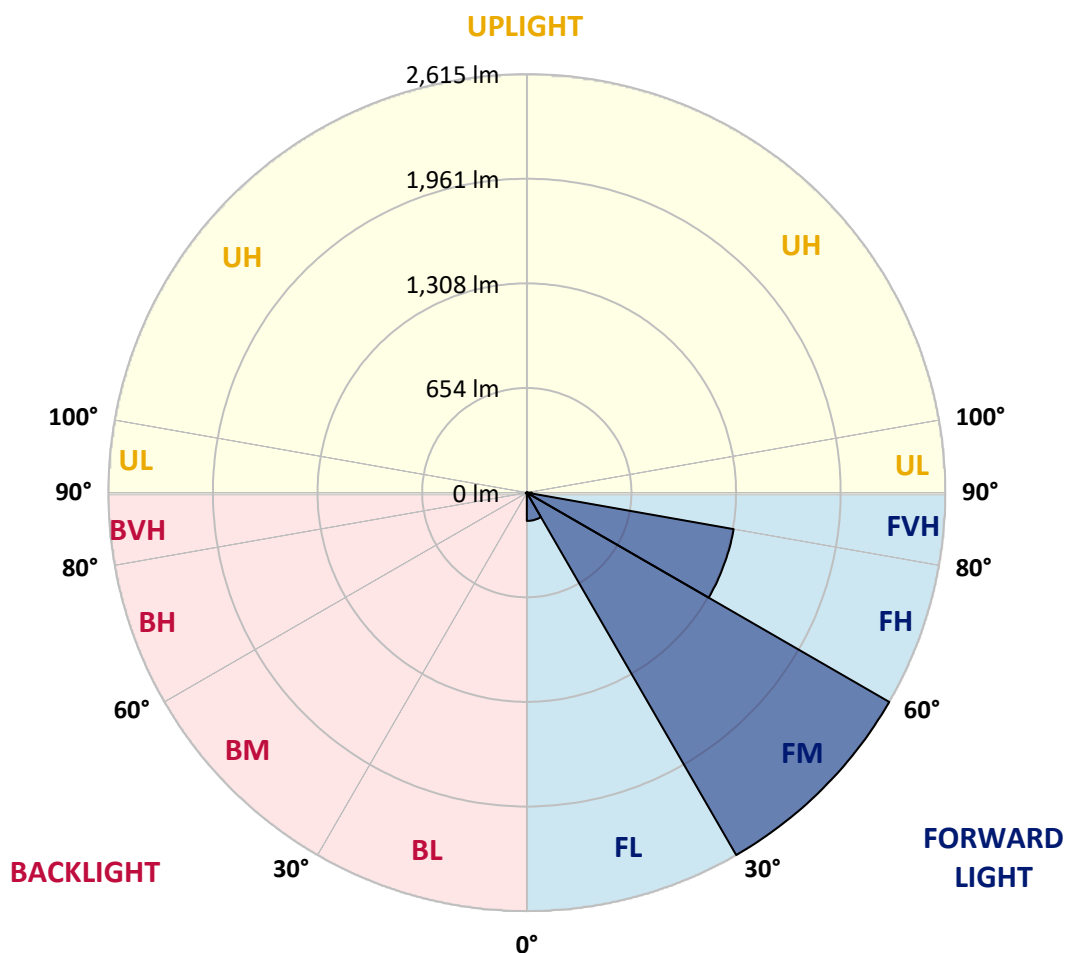
CATALOG NUMBER: NAV-SA1B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	176.7	4.3			
FM	(30°-60°)	2615.2	63.0			
FH	(60°-80°)	1312.5	31.6			G1/1800
FVH	(80°-90°)	31.3	0.8			G1/100
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	5.6	0.1	B0/220		
BH	(60°-80°)	6.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G1

Type II Short



REPORT NUMBER: P1067222

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	36.6	36.6	36.6	35.4	34.3	34.3	33.1	32.0	32.0	29.7	28.6
5°	56.0	56.0	53.7	51.4	48.0	43.4	38.9	35.4	35.4	32.0	29.7
7.5°	109.7	113.2	102.9	90.3	73.2	61.7	49.2	41.2	40.0	34.3	29.7
10°	237.8	235.5	219.5	188.6	148.6	107.4	68.6	50.3	48.0	36.6	29.7
12.5°	357.8	361.2	344.1	309.8	261.8	190.9	117.7	65.2	62.9	40.0	29.7
15°	460.7	460.7	449.2	432.1	379.5	305.2	189.7	97.2	89.2	43.4	28.6
17.5°	531.5	530.4	525.8	521.2	490.4	413.8	290.3	155.5	137.2	51.4	28.6
20°	611.5	608.1	613.8	604.7	580.7	520.1	396.6	230.9	213.8	65.2	28.6
22.5°	695.0	698.4	703.0	693.8	667.6	615.0	508.7	328.1	309.8	90.3	29.7
25°	801.3	799.0	809.3	801.3	768.1	706.4	613.8	434.4	408.1	125.7	32.0
27.5°	931.6	927.0	933.9	913.3	869.9	807.0	707.6	543.0	512.1	180.6	36.6
30°	1104.2	1107.6	1076.8	1052.8	991.0	907.6	811.6	659.5	627.5	245.8	41.2
32.5°	1376.3	1352.2	1304.2	1207.1	1125.9	1019.6	915.6	761.3	732.7	329.2	48.0
35°	1800.3	1804.9	1699.7	1459.7	1283.7	1160.2	1029.9	873.3	852.7	424.1	57.2
37.5°	2317.0	2304.4	2211.8	1908.9	1514.6	1335.1	1160.2	995.6	965.9	527.0	68.6
40°	2902.2	2849.7	2795.9	2590.2	1995.8	1554.6	1324.8	1137.4	1114.5	645.8	86.9
42.5°	3370.9	3357.2	3366.3	3280.6	2798.2	1928.4	1543.1	1311.1	1283.7	793.3	118.9
45°	3601.8	3582.4	3637.2	3701.2	3577.8	2723.9	1895.2	1532.9	1496.3	967.0	168.0
47.5°	3540.1	3526.4	3644.1	3769.8	3934.4	3646.4	2470.2	1864.3	1801.5	1189.9	241.2
50°	3236.0	3237.2	3430.3	3664.7	3925.3	4113.9	3321.7	2318.1	2239.3	1486.0	355.5
52.5°	2940.0	2949.1	3153.7	3495.5	3789.3	4168.8	4069.3	2929.7	2801.7	1834.6	490.4
55°	2635.9	2640.5	2821.1	3302.3	3725.3	4005.3	4453.4	3717.3	3581.2	2269.0	621.8
57.5°	2343.3	2343.3	2410.7	2838.2	3655.5	3990.4	4407.7	4437.4	4326.5	2765.1	719.0
60°	1760.3	1771.8	1939.8	2239.3	3152.6	4012.2	4291.1	4667.1	4667.1	3453.2	793.3
62.5°	889.3	906.5	1115.6	1407.1	2162.7	3712.7	4309.4	4551.7	4570.0	4060.2	962.5
65°	417.2	436.7	548.7	754.4	1163.6	2613.0	4119.6	4453.4	4447.7	3944.7	1319.1
67.5°	299.5	305.2	342.9	440.1	626.4	1145.4	3144.6	4159.6	4161.9	3351.5	1516.8
70°	268.6	268.6	277.8	306.3	377.2	512.1	1528.3	3368.6	3532.1	2587.9	1406.0
72.5°	265.2	262.9	260.6	261.8	254.9	257.2	524.7	1902.1	2135.2	1810.6	1121.3
75°	258.3	258.3	256.0	248.0	203.5	165.7	180.6	769.3	889.3	1209.4	832.2
77.5°	204.6	225.2	249.2	234.3	186.3	124.6	105.2	222.9	281.2	741.8	603.5
80°	94.9	96.0	94.9	99.4	118.9	89.2	77.7	108.6	109.7	411.5	373.8
82.5°	68.6	69.7	66.3	59.4	52.6	48.0	64.0	80.0	85.7	188.6	139.5
85°	20.6	19.4	22.9	30.9	36.6	42.3	53.7	67.4	70.9	69.7	20.6
87.5°	9.1	9.1	11.4	16.0	21.7	32.0	46.9	61.7	62.9	72.0	5.7
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: P1067222

CATALOG NUMBER: NAV-SA1B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	28.6	27.4	26.3	25.1	24.0	22.9	21.7	21.7	22.9	22.9	22.9
5°	27.4	26.3	24.0	21.7	20.6	19.4	18.3	18.3	19.4	19.4	19.4
7.5°	27.4	25.1	22.9	20.6	18.3	17.1	16.0	16.0	16.0	17.1	17.1
10°	27.4	25.1	21.7	18.3	16.0	14.9	13.7	12.6	13.7	13.7	13.7
12.5°	26.3	24.0	20.6	17.1	13.7	11.4	10.3	10.3	10.3	10.3	10.3
15°	25.1	22.9	19.4	14.9	11.4	9.1	6.9	6.9	6.9	8.0	8.0
17.5°	24.0	21.7	17.1	11.4	8.0	5.7	4.6	4.6	4.6	5.7	5.7
20°	24.0	20.6	14.9	9.1	5.7	3.4	2.3	2.3	2.3	3.4	4.6
22.5°	24.0	20.6	13.7	6.9	3.4	2.3	1.1	1.1	1.1	1.1	1.1
25°	24.0	19.4	12.6	5.7	2.3	1.1	0.0	0.0	1.1	2.3	3.4
27.5°	24.0	18.3	10.3	3.4	2.3	1.1	0.0	1.1	2.3	2.3	2.3
30°	24.0	18.3	9.1	3.4	1.1	0.0	0.0	1.1	2.3	2.3	3.4
32.5°	25.1	17.1	8.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	26.3	16.0	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	28.6	16.0	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	32.0	17.1	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	40.0	18.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	56.0	22.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	82.3	34.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	120.0	46.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	147.5	46.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	146.3	29.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	112.0	20.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	94.9	14.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	114.3	11.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	203.5	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	326.9	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	365.8	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	285.8	9.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	156.6	8.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	78.9	5.7	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.1	4.6	2.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	11.4	4.6	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0
85°	5.7	3.4	3.4	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	2.3	2.3	1.1	1.1	0.0	0.0	0.0	1.1
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



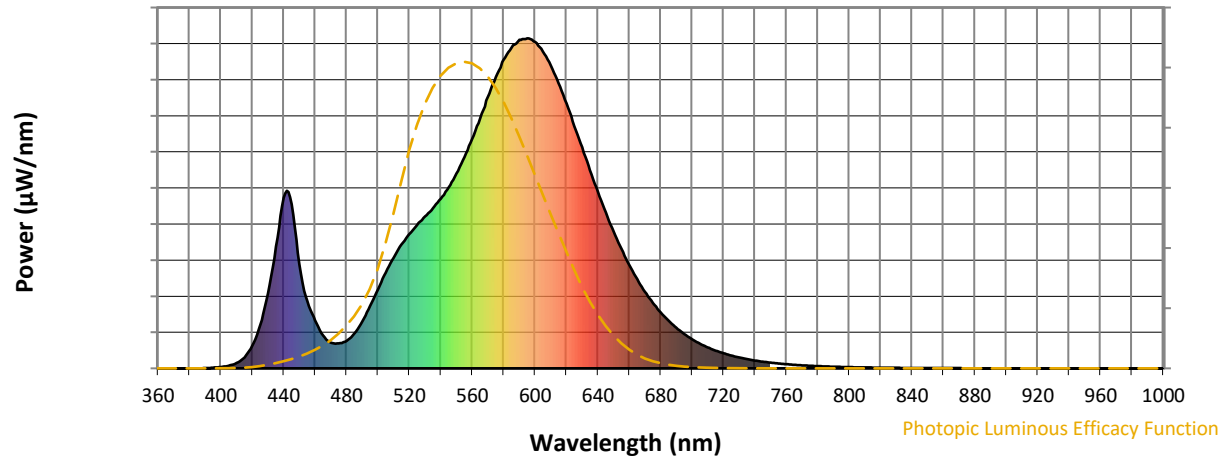
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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

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

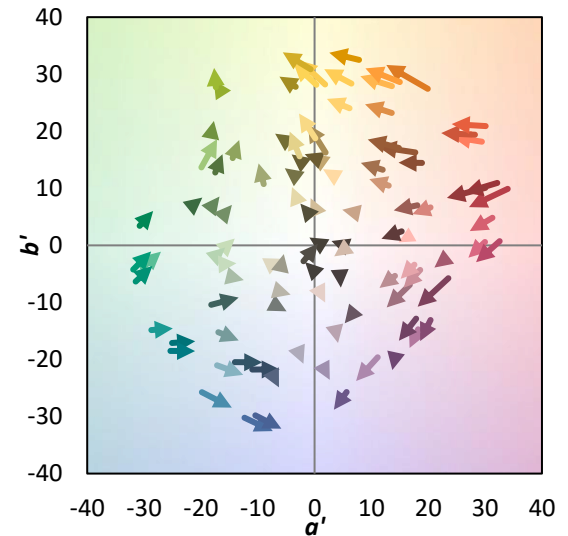
TM-30-18

Summary

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



Color Vector Graphics

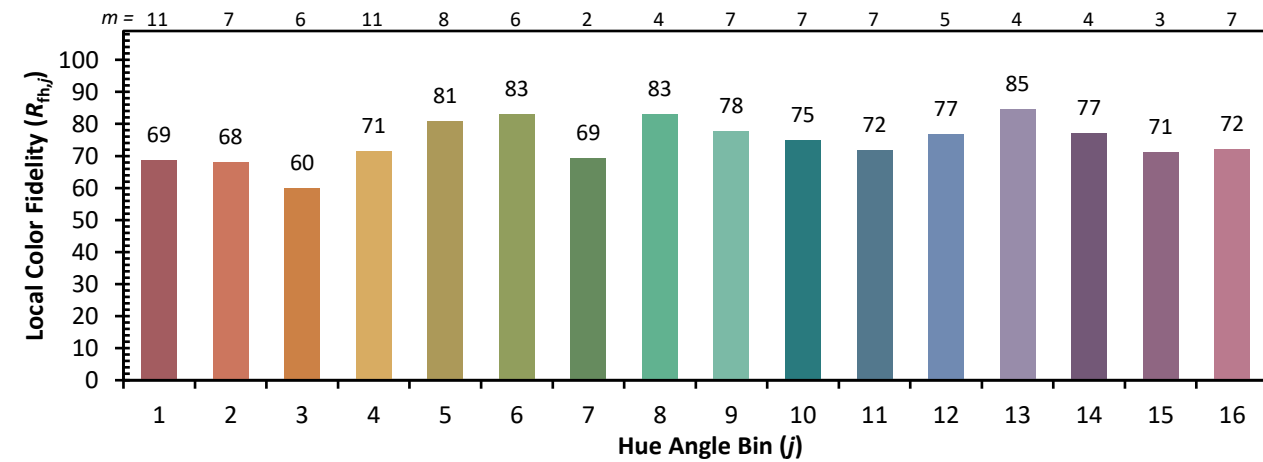


Individual Sample Fidelity Index ($R_{f,i}$)

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)