

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: STREETWORKS

Report Number: P1057520

Luminaire Tested: **GAP-SA1A-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057520
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1A-730-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 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: 3232.1 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

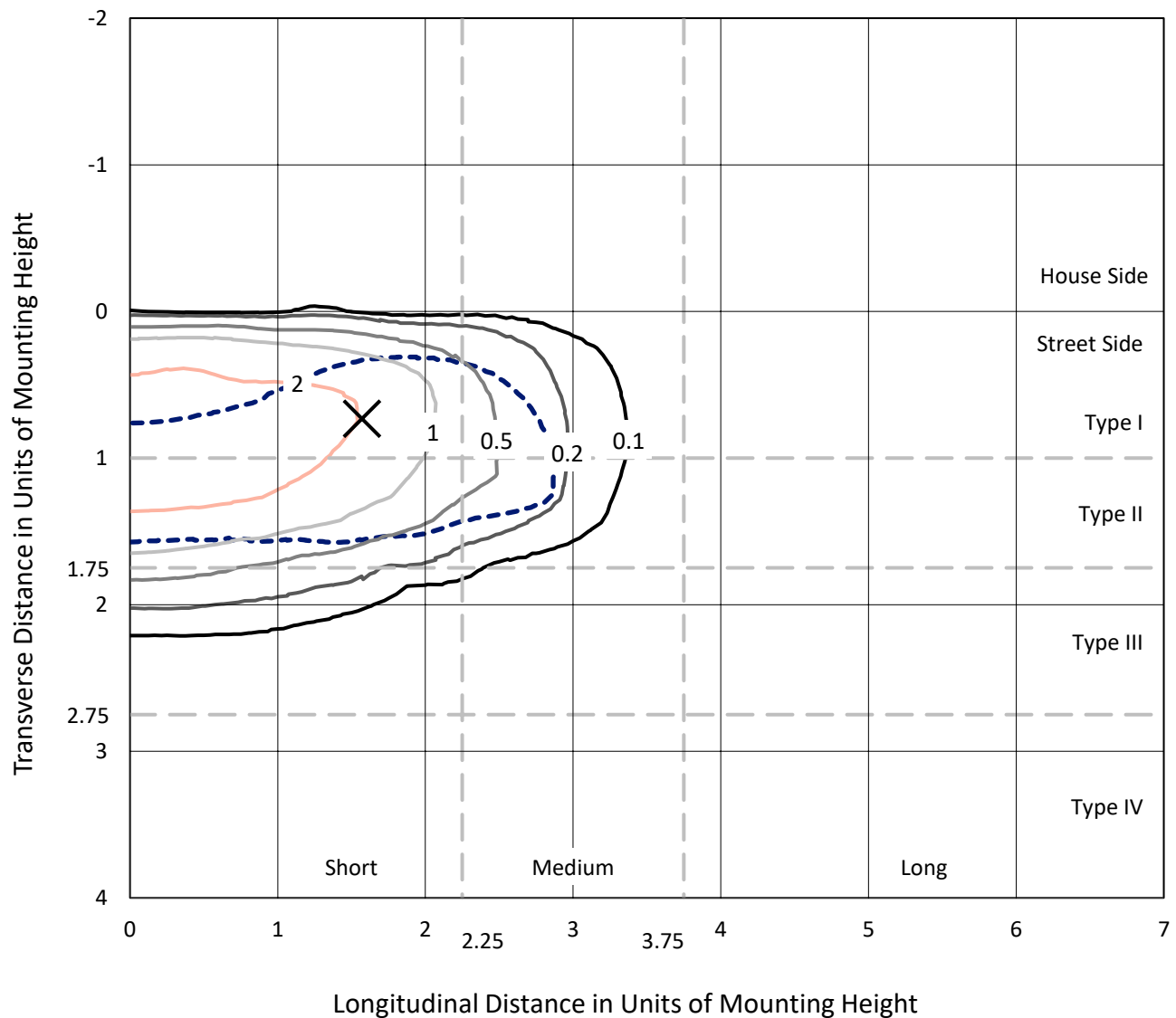


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

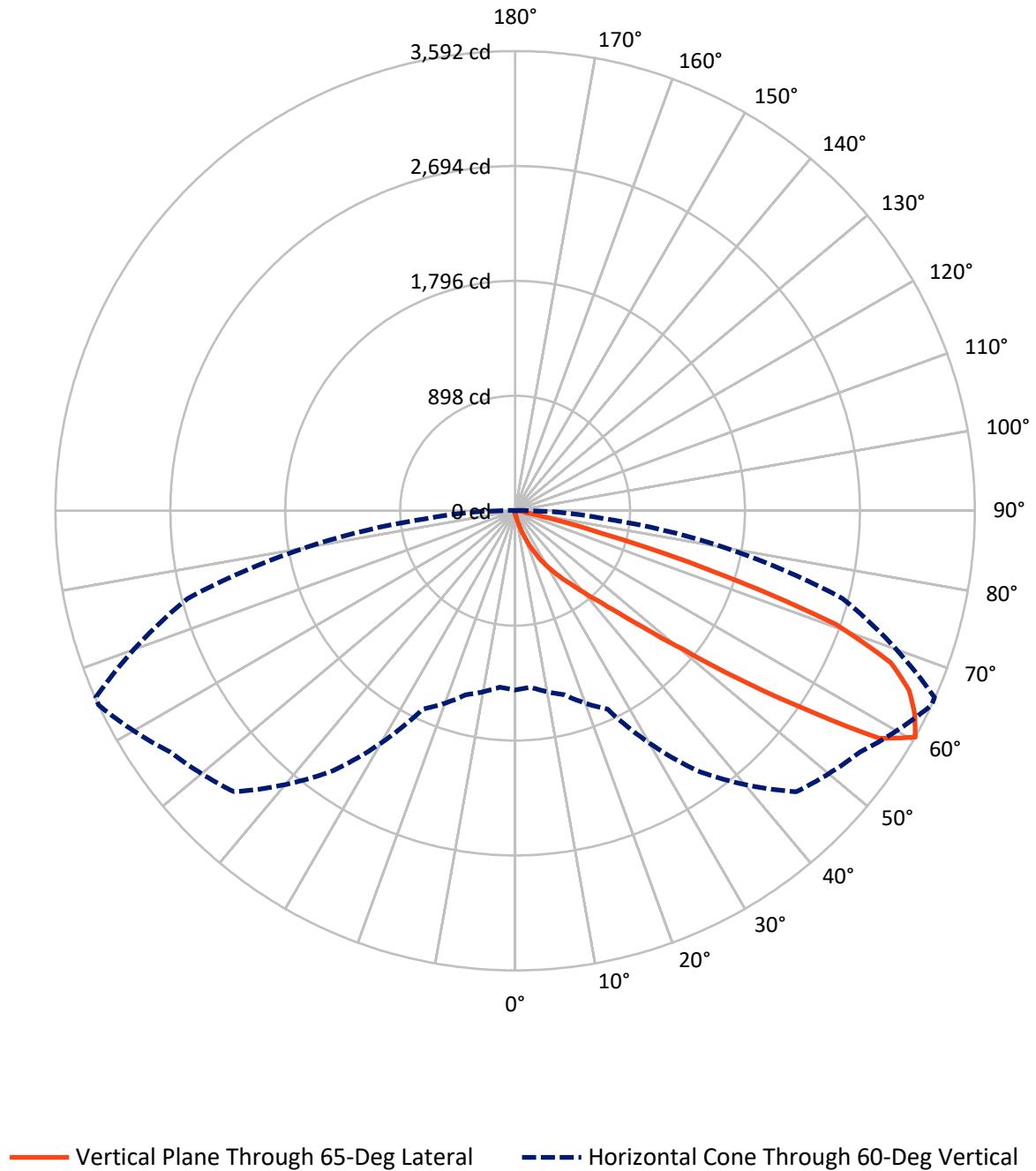


Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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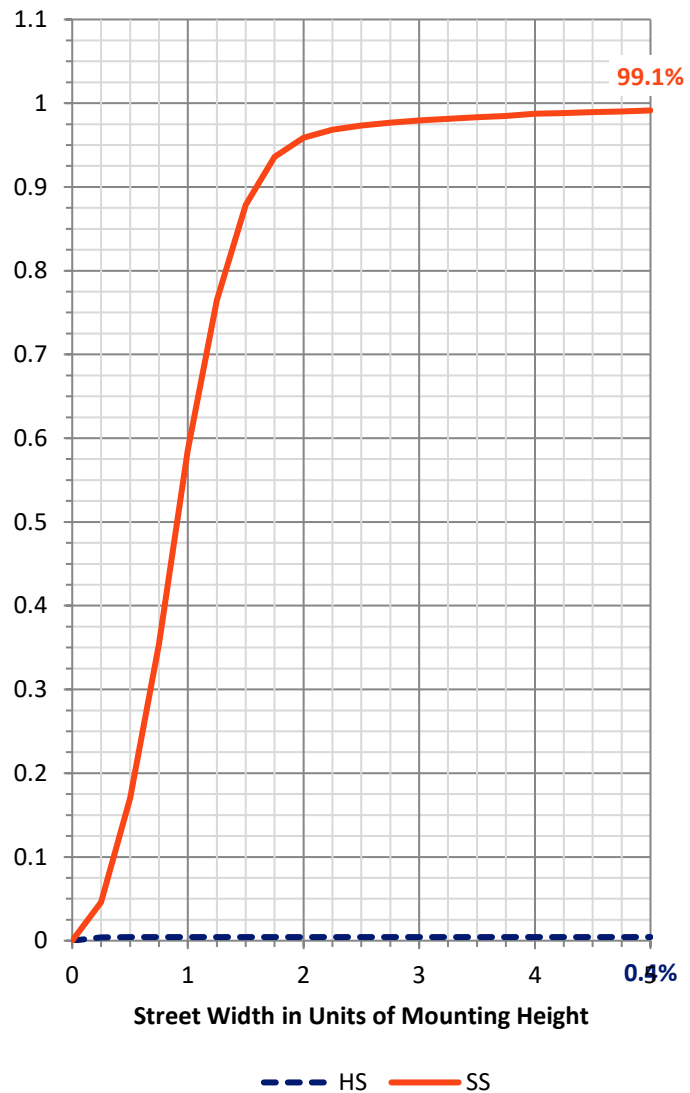
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.4	0.0	14.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3217.7	0.0	3217.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	3232.1	0.0	3232.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.3	0.1
10°-20°	35.7	1.1
20°-30°	109.4	3.4
30°-40°	284.3	8.8
40°-50°	715.7	22.1
50°-60°	1037.6	32.1
60°-70°	800.2	24.8
70°-80°	220.8	6.8
80°-90°	24.1	0.7
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°	3232.1	100.0
0°-180°	3232.1	100.0



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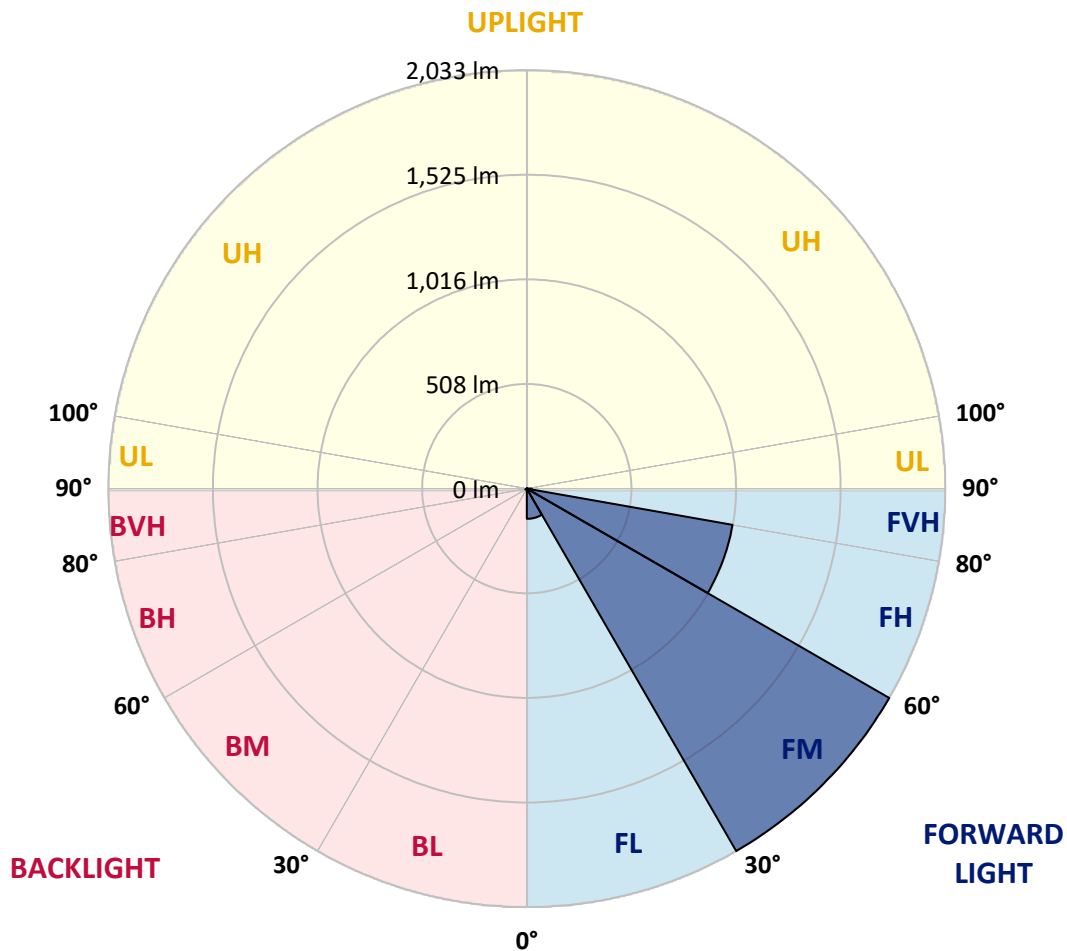
CATALOG NUMBER: GAP-SA1A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	146.7	4.5			
FM	(30°-60°)	2032.9	62.9			
FH	(60°-80°)	1014.6	31.4			G1/1800
FVH	(80°-90°)	23.5	0.7			G1/100
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	4.7	0.1	B0/220		
BH	(60°-80°)	6.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	37.3	37.3	36.6	35.4	32.4	30.5	28.7	26.9	26.3	25.0	23.8
5°	67.8	66.6	66.0	59.9	53.7	46.4	39.1	33.0	32.4	28.1	24.4
7.5°	142.3	142.3	130.1	115.4	98.9	76.3	56.2	43.4	41.5	32.4	25.0
10°	232.7	233.3	225.4	202.2	172.2	134.4	91.0	56.2	55.0	37.9	25.7
12.5°	313.9	313.3	305.4	288.9	255.9	208.3	142.9	81.2	76.3	44.0	25.7
15°	365.8	365.8	364.6	356.1	332.9	284.0	211.9	119.1	113.6	53.1	26.3
17.5°	416.5	419.6	415.3	411.7	394.6	357.9	284.0	171.6	160.6	67.8	27.5
20°	477.6	480.7	478.8	473.3	452.0	419.6	356.1	232.1	221.1	92.2	29.9
22.5°	548.5	550.9	547.2	545.4	518.5	477.6	422.6	304.8	288.3	123.4	33.0
25°	635.8	634.0	632.8	622.4	596.1	551.5	485.6	372.0	359.1	164.9	37.3
27.5°	738.4	736.0	728.0	714.6	676.1	627.3	552.7	443.4	431.2	215.0	43.4
30°	877.1	862.4	850.8	820.9	769.6	704.8	627.9	513.7	500.2	274.8	50.1
32.5°	1072.5	1068.2	1023.0	944.9	870.9	793.4	711.5	588.2	574.1	336.5	59.2
35°	1423.1	1402.9	1324.1	1127.5	988.8	904.5	796.4	662.7	648.0	408.0	71.5
37.5°	1817.0	1799.3	1723.0	1486.0	1167.8	1019.4	891.1	747.0	731.1	486.2	86.7
40°	2212.2	2206.7	2178.0	1988.6	1530.6	1172.7	1016.3	854.5	836.1	565.0	108.1
42.5°	2656.8	2640.9	2622.6	2558.5	2157.2	1479.9	1190.4	977.2	961.3	662.1	138.6
45°	2797.9	2791.8	2813.8	2875.5	2813.8	2123.6	1460.3	1144.6	1128.7	786.7	182.6
47.5°	2750.3	2744.2	2804.6	2906.0	3047.1	2896.2	1878.7	1384.6	1355.3	935.7	248.0
50°	2509.6	2512.1	2619.0	2821.7	3023.9	3204.1	2577.4	1704.0	1683.9	1147.6	335.9
52.5°	2281.8	2286.1	2419.8	2679.4	2901.7	3215.7	3243.8	2168.8	2082.1	1407.2	444.6
55°	2060.1	2054.0	2155.4	2546.3	2879.8	3056.9	3453.3	2714.2	2657.4	1743.7	551.5
57.5°	1825.6	1818.2	1871.4	2162.1	2833.9	3078.9	3398.3	3356.1	3288.4	2130.3	637.6
60°	1400.5	1384.0	1489.0	1711.4	2480.3	3105.7	3289.6	3591.9	3587.6	2648.3	681.0
62.5°	671.2	698.1	840.4	1081.7	1658.2	2867.5	3331.7	3504.6	3513.1	3105.1	781.2
65°	342.6	348.7	422.0	590.6	877.7	2061.3	3210.2	3383.6	3370.8	3016.0	1040.7
67.5°	230.9	233.9	268.1	357.3	509.4	863.6	2494.4	3166.2	3157.0	2570.7	1195.3
70°	204.6	205.8	214.4	243.1	305.4	380.5	1142.1	2656.8	2725.2	1963.6	1091.4
72.5°	200.3	200.3	199.1	200.9	197.3	206.4	400.7	1599.6	1699.1	1371.8	884.4
75°	196.1	196.7	194.8	188.7	153.3	128.9	146.6	673.7	747.0	902.7	662.7
77.5°	183.2	184.5	189.9	174.7	139.3	91.0	83.7	213.8	249.8	576.6	485.6
80°	69.0	69.0	69.0	63.5	92.8	69.0	60.5	87.3	92.8	324.9	298.7
82.5°	50.7	50.1	47.6	44.0	37.3	34.8	49.5	66.0	66.0	152.1	113.6
85°	14.7	14.7	16.5	22.0	27.5	30.5	37.9	50.7	52.5	58.0	17.1
87.5°	6.7	6.7	8.6	11.0	14.7	22.0	31.8	43.4	44.0	48.3	3.1
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: GAP-SA1A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	23.2	22.6	22.0	21.4	20.2	18.9	17.1	16.5	15.9	15.9	15.9
5°	23.2	22.0	20.2	18.3	17.1	15.3	14.0	13.4	12.8	12.2	12.2
7.5°	22.6	20.8	18.3	16.5	15.3	13.4	11.6	11.0	10.4	10.4	10.4
10°	22.6	20.2	17.1	15.3	13.4	11.0	9.2	8.6	7.9	7.3	7.3
12.5°	21.4	18.9	15.9	13.4	11.0	8.6	6.7	5.5	4.9	4.9	4.9
15°	20.8	18.3	14.7	11.6	8.6	6.1	4.3	3.1	2.4	3.1	3.1
17.5°	20.2	16.5	13.4	9.2	6.1	3.7	1.8	0.6	0.6	0.6	0.6
20°	20.2	15.9	11.6	7.3	4.3	1.8	0.6	0.0	0.0	0.0	0.0
22.5°	20.8	15.9	10.4	6.1	2.4	1.2	0.0	0.0	0.0	0.0	0.0
25°	21.4	15.3	9.2	4.3	1.8	0.6	0.0	0.0	0.0	0.0	0.0
27.5°	22.0	14.7	7.9	3.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	23.2	14.0	6.7	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	25.0	13.4	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	26.9	12.2	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	29.3	12.2	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	33.0	12.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.1	12.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	50.7	16.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	72.1	25.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	102.0	36.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	127.6	37.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	132.5	26.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	114.2	22.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	98.3	14.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	118.5	12.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	188.7	11.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	293.8	11.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	329.2	11.6	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	254.7	9.2	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	160.0	7.3	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	87.3	4.9	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.0	3.7	1.8	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.6	3.1	2.4	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0
85°	4.3	2.4	2.4	1.8	1.8	0.6	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.4	2.4	1.8	0.6	0.0	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: SP1-2407-184-4

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			

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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			

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TM-30-18

Summary

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



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)