

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: McGRAW-EDISON

Report Number: P991031

Luminaire Tested: **GPC-SA2A-730-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991031
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2A-730-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 2xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6473.5 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.6
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: 24 FT

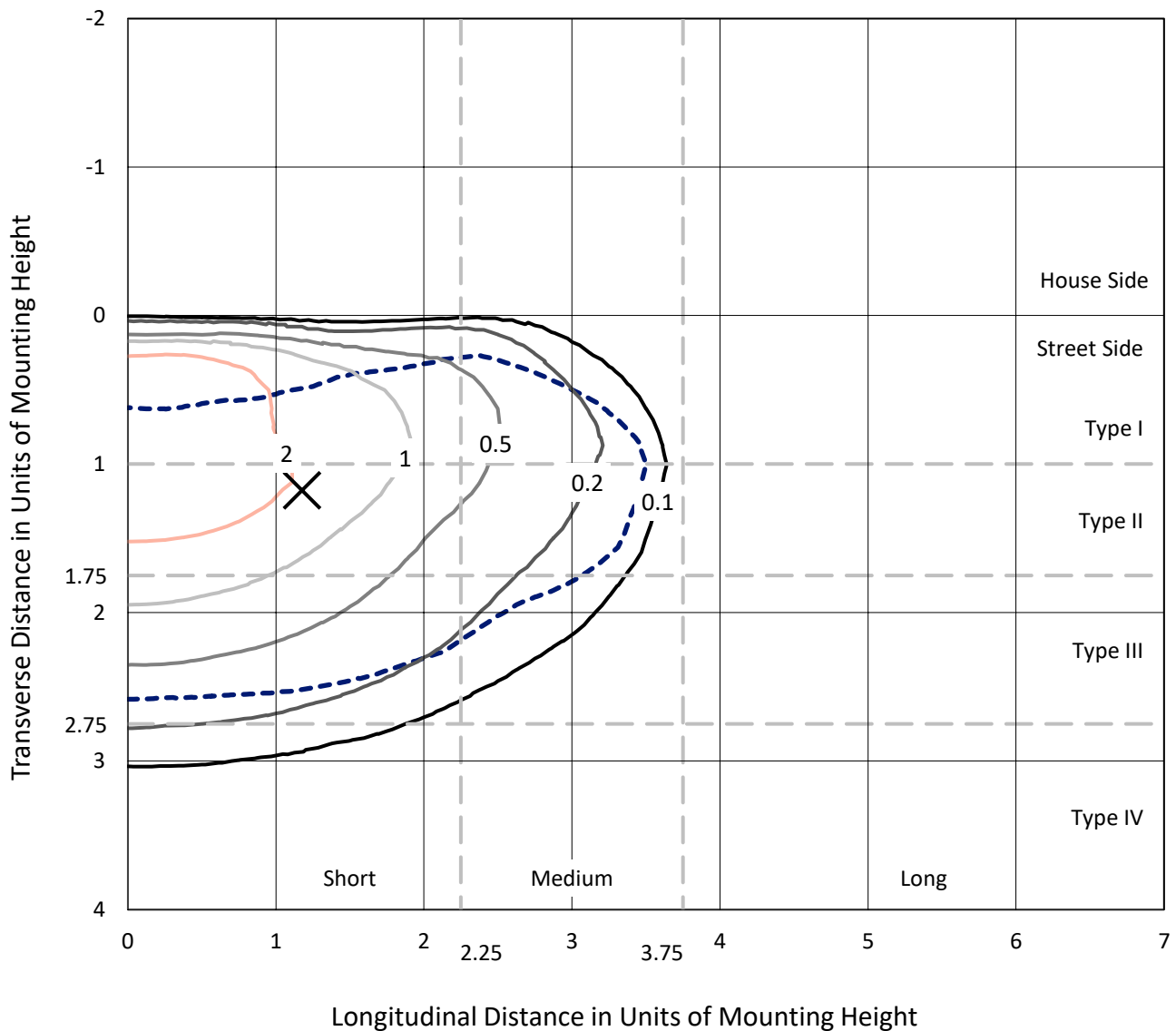


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Iso-Footcandle Lines of Horizontal Illumination

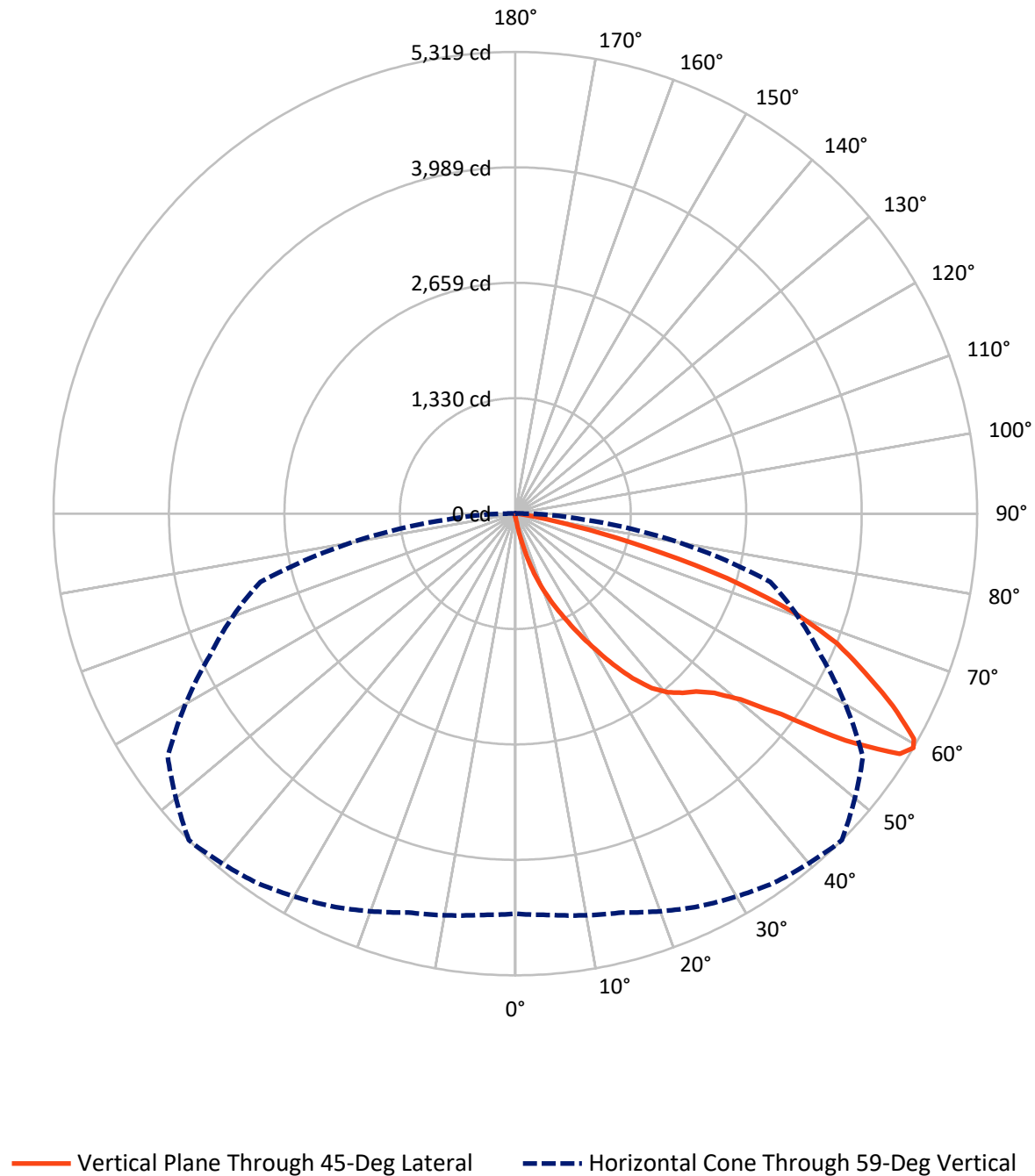
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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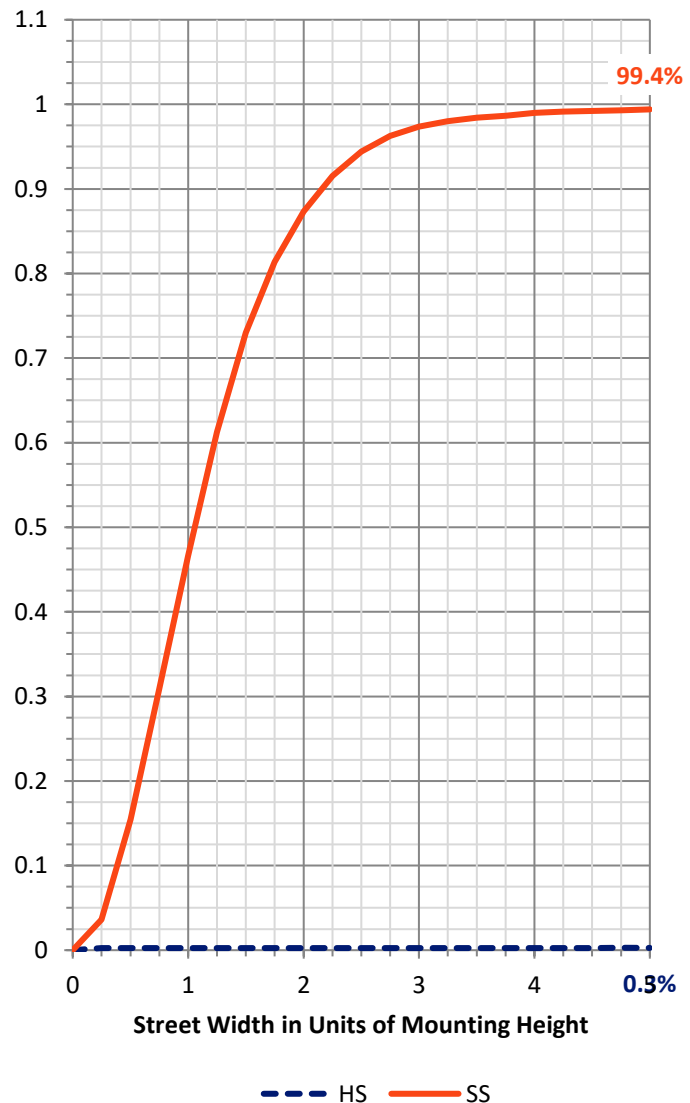
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.5	0.0	17.5
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6455.9	0.0	6455.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	6473.5	0.0	6473.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.1
10°-20°	75.0	1.2
20°-30°	265.0	4.1
30°-40°	610.7	9.4
40°-50°	1030.3	15.9
50°-60°	1698.6	26.2
60°-70°	1929.6	29.8
70°-80°	793.4	12.3
80°-90°	64.6	1.0
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°	6473.5	100.0
0°-180°	6473.5	100.0

Coefficient of Utilization



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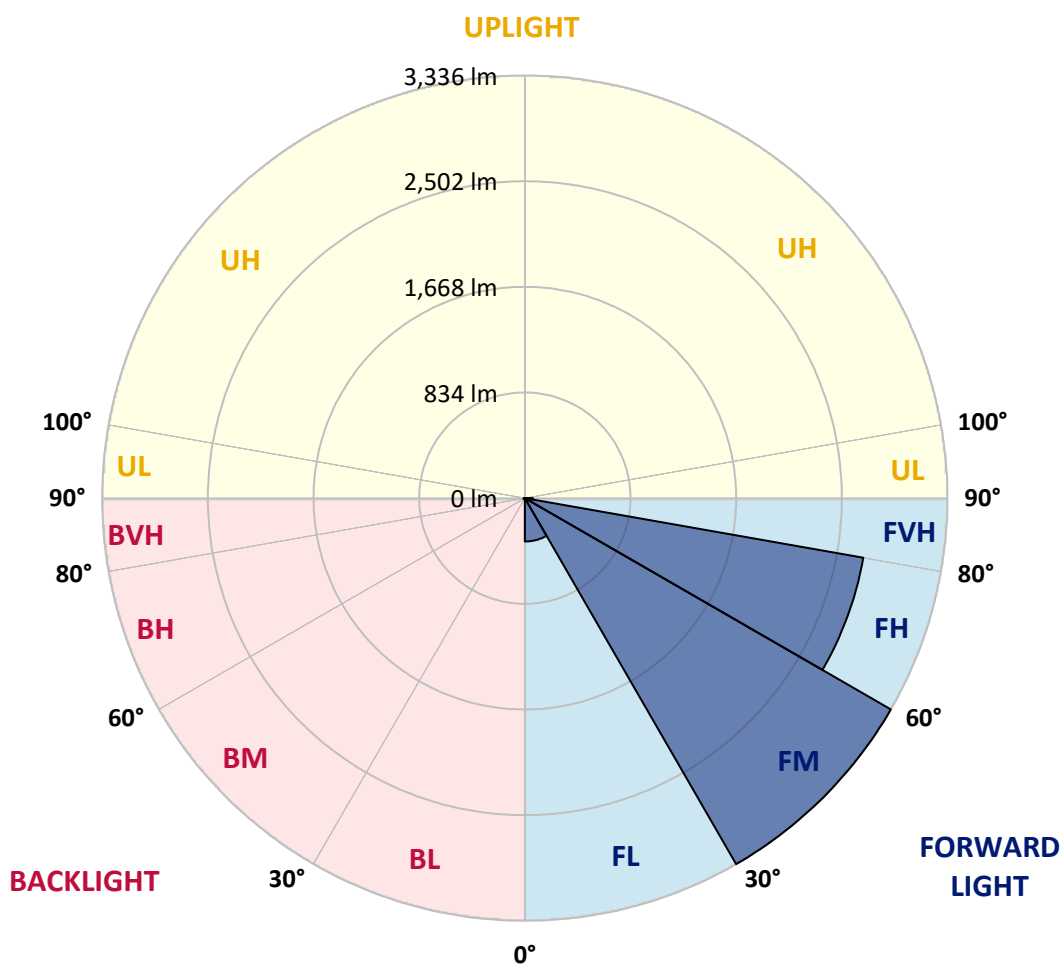
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	342.6	5.3			
FM	(30°-60°)	3336.3	51.5			
FH	(60°-80°)	2713.0	41.9			G2/5000
FVH	(80°-90°)	64.1	1.0			G1/100
BL	(0°-30°)	3.7	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	10.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2.5°	48.3	48.8	48.3	47.8	45.7	43.6	43.6	42.0	40.4	38.9	37.3
5°	85.1	83.0	80.9	76.2	67.2	59.4	58.3	51.5	45.7	41.5	37.8
7.5°	215.9	210.1	190.1	166.5	126.6	97.2	96.1	73.0	55.2	45.2	38.3
10°	450.7	434.9	404.4	354.0	273.6	200.1	184.4	112.4	72.5	49.9	38.9
12.5°	684.9	685.4	656.5	587.7	489.5	371.3	350.9	203.3	103.5	58.3	39.4
15°	890.8	885.6	860.3	811.5	705.4	568.8	550.5	349.3	156.5	69.9	40.4
17.5°	1048.4	1041.0	1025.8	992.7	915.0	780.5	761.1	526.8	242.7	85.1	41.0
20°	1233.3	1228.0	1208.6	1162.9	1092.0	984.8	957.0	721.2	369.8	110.3	42.0
22.5°	1462.3	1447.0	1423.4	1365.1	1277.4	1162.4	1152.9	918.6	525.8	149.7	44.1
25°	1727.0	1705.4	1677.6	1604.1	1495.9	1356.2	1344.6	1112.5	693.8	209.0	47.3
27.5°	2047.9	2027.9	1978.0	1883.0	1753.2	1586.2	1573.1	1310.5	880.3	289.9	51.5
30°	2395.6	2369.9	2287.4	2164.0	2040.6	1843.1	1811.5	1513.2	1066.8	390.8	57.3
32.5°	2719.7	2686.6	2584.7	2438.7	2309.5	2101.0	2073.1	1742.2	1262.7	511.1	66.2
35°	3007.0	2968.1	2826.8	2667.7	2538.0	2354.1	2328.9	1964.9	1452.8	647.6	77.2
37.5°	3235.5	3209.7	3014.3	2834.7	2729.1	2566.3	2549.5	2203.9	1664.5	805.2	92.4
40°	3471.3	3437.2	3207.6	2981.3	2861.5	2726.0	2706.0	2396.1	1867.7	975.4	111.4
42.5°	3670.9	3638.9	3423.0	3182.9	2996.0	2834.7	2822.1	2557.4	2064.7	1152.4	136.0
45°	3882.0	3853.2	3659.9	3471.8	3191.3	2942.9	2921.4	2690.8	2257.0	1359.3	168.6
47.5°	4172.0	4133.6	3949.3	3804.8	3483.9	3109.4	3085.3	2821.6	2451.8	1575.7	213.8
50°	4534.9	4507.1	4373.7	4258.6	3918.3	3413.0	3361.5	2991.2	2636.7	1823.6	272.6
52.5°	4887.3	4877.9	4887.3	4846.4	4587.4	3939.8	3839.5	3276.4	2872.0	2082.6	349.3
55°	4931.5	4960.4	5074.3	5205.6	5162.6	4694.6	4610.0	3710.8	3163.0	2409.3	466.4
57.5°	4771.8	4788.1	4933.6	5165.2	5304.4	5233.0	5222.4	4429.9	3573.7	2797.4	642.4
59°	4608.4	4640.5	4756.6	4992.9	5192.5	5310.2	5318.6	4886.3	3886.2	3039.0	787.3
60°	4517.6	4527.6	4617.4	4850.1	5064.4	5250.3	5274.4	5120.0	4132.6	3221.3	917.1
62.5°	4230.8	4236.0	4284.4	4467.7	4657.3	4828.5	4879.5	5262.4	4816.4	3678.2	1375.6
65°	3855.8	3862.6	3935.6	4111.6	4292.3	4407.3	4428.8	4863.2	5176.8	4154.1	2015.9
67.5°	3179.8	3218.1	3311.1	3588.4	3842.6	3980.3	3996.0	4159.4	4979.8	4476.1	2354.6
70°	2153.0	2116.7	2347.3	2733.3	3192.9	3399.9	3400.9	3472.4	4239.2	4396.8	1963.3
72.5°	940.2	998.0	1166.0	1505.9	2062.6	2561.6	2551.1	2793.7	3381.0	3735.5	1459.6
75°	412.8	426.0	496.9	677.0	938.1	1391.4	1551.6	2242.8	2544.8	2442.9	1061.5
77.5°	222.2	225.3	244.2	283.1	358.7	657.1	693.8	1420.8	1804.2	1408.2	686.0
80°	84.6	84.6	88.2	101.4	149.7	256.8	275.8	641.8	1244.8	719.6	346.7
82.5°	53.0	52.0	52.5	53.0	60.9	87.7	93.5	255.3	587.7	355.1	91.4
85°	26.8	27.8	31.0	37.3	44.1	54.1	55.7	79.8	178.6	83.0	23.6
87.5°	17.3	17.9	19.4	25.2	31.0	39.4	40.4	55.7	70.9	58.3	4.7
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: GPC-SA2A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2.5°	36.8	35.7	34.1	32.6	31.0	28.4	26.3	25.2	24.7	24.2	24.2
5°	36.2	34.7	31.5	28.9	26.3	23.1	20.5	18.9	18.4	17.9	17.9
7.5°	35.7	33.1	29.4	25.7	22.1	18.4	15.2	13.7	13.1	12.6	12.1
10°	35.2	32.0	26.8	22.6	18.4	14.2	11.0	8.9	8.4	7.9	7.9
12.5°	34.7	30.5	24.7	20.0	14.7	10.0	7.4	5.3	4.2	3.7	3.7
15°	34.1	28.9	23.1	16.8	11.0	6.3	3.2	1.6	0.5	0.5	0.5
17.5°	32.6	27.3	20.5	13.1	7.4	3.2	1.1	0.0	0.0	0.0	0.0
20°	31.5	25.7	17.9	10.0	4.2	1.6	0.0	0.0	0.0	0.0	0.0
22.5°	31.0	24.7	15.2	6.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0
25°	31.0	23.6	12.6	5.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	31.5	22.6	10.0	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	30.5	21.5	7.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	30.5	19.4	5.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	31.0	16.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	32.6	14.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	35.2	13.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	38.9	13.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	43.1	13.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	49.4	13.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	56.7	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	65.1	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	74.1	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	86.1	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	98.7	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	111.9	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	180.7	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	354.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	606.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	643.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	422.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	215.3	8.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	96.6	8.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.9	4.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.8	3.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.3	3.2	2.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	3.2	2.6	2.1	1.1	0.0	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

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/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	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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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	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

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



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)