

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: P1057587

Luminaire Tested: **GAP-SA2B-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057587
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA2B-727-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 2xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7190.8 lumens
Efficiency: N/A
Efficacy: 99.6 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.2
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

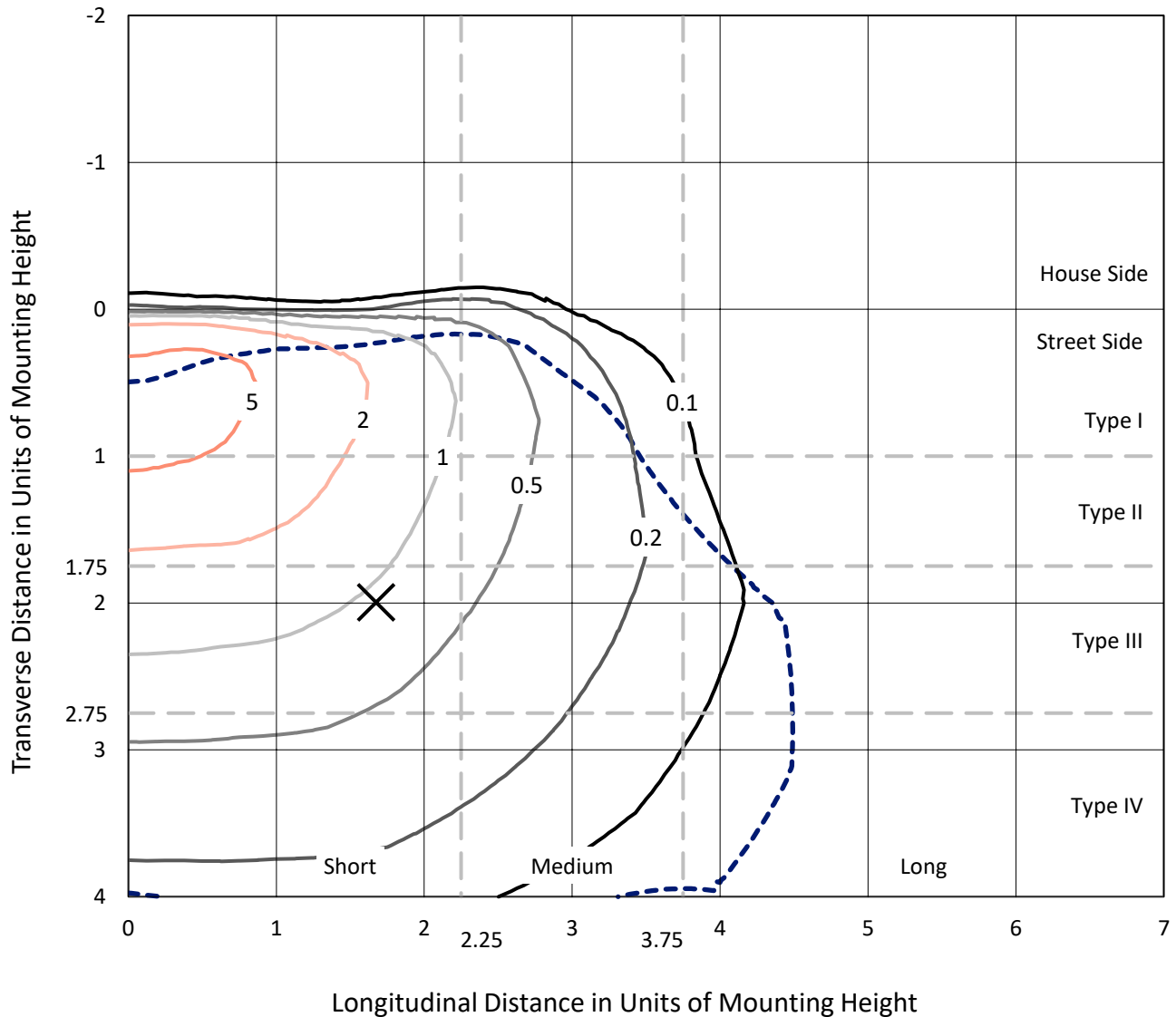


REPORT NUMBER: P1057587

CATALOG NUMBER: GAP-SA2B-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

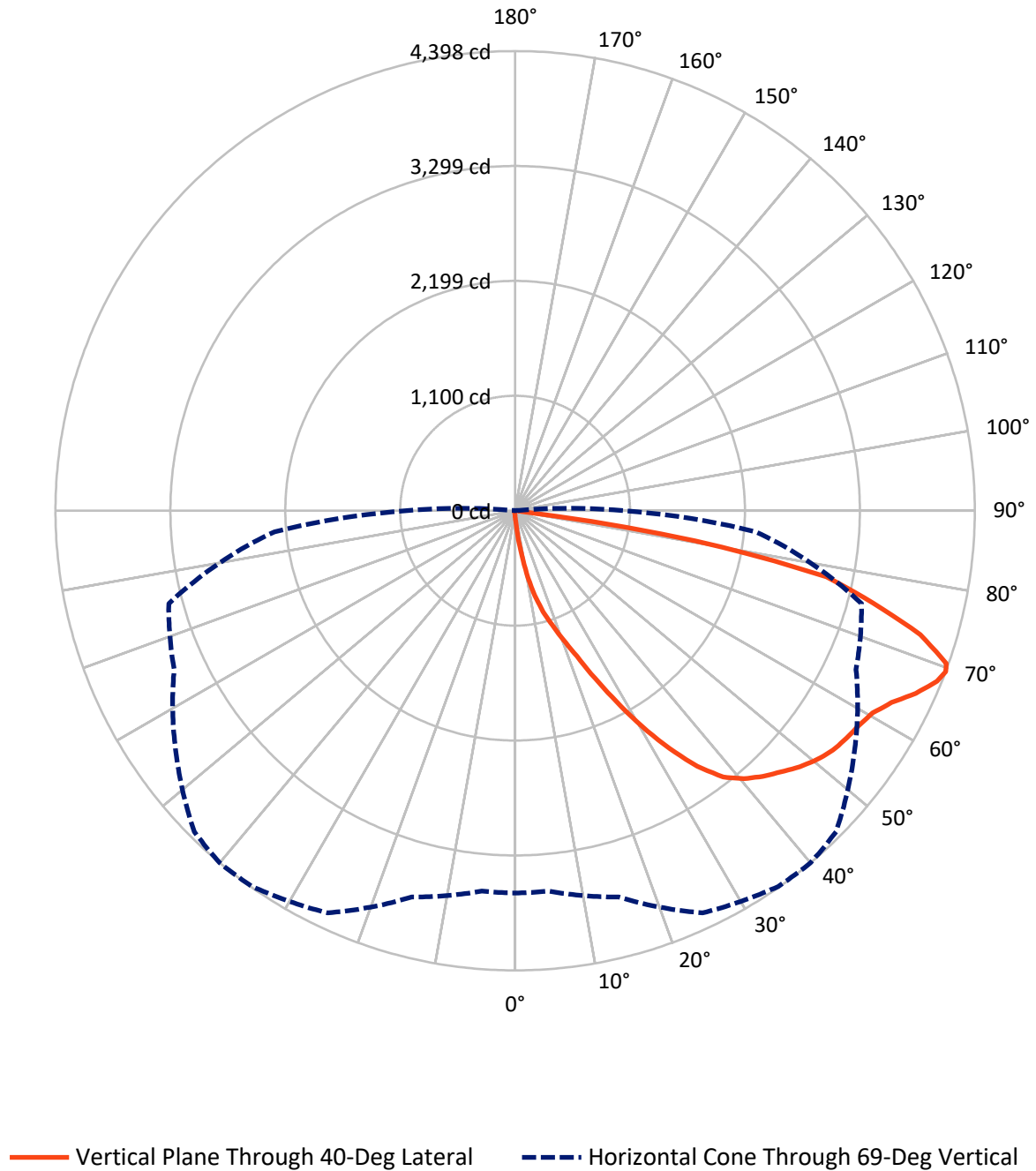


Based on 15 foot mounting height. Maximum calculated value = 8.2 fc
Type IV - Short - N/A

REPORT NUMBER: P1057587

CATALOG NUMBER: GAP-SA2B-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1057587

CATALOG NUMBER: GAP-SA2B-727-U-T4BC

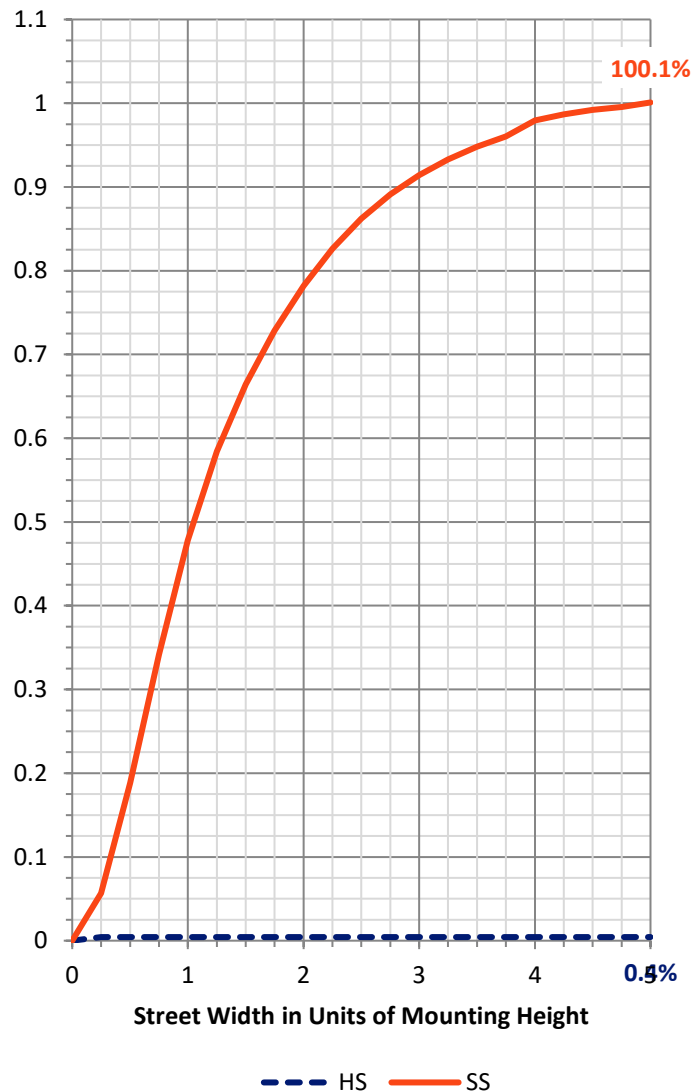
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.5	0.0	31.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7159.3	0.0	7159.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	7190.8	0.0	7190.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	0.2
10°-20°	114.9	1.6
20°-30°	345.9	4.8
30°-40°	761.6	10.6
40°-50°	1170.3	16.3
50°-60°	1441.1	20.0
60°-70°	1819.4	25.3
70°-80°	1399.5	19.5
80°-90°	123.0	1.7
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°	7190.8	100.0
0°-180°	7190.8	100.0

Coefficient of Utilization



REPORT NUMBER: P1057587

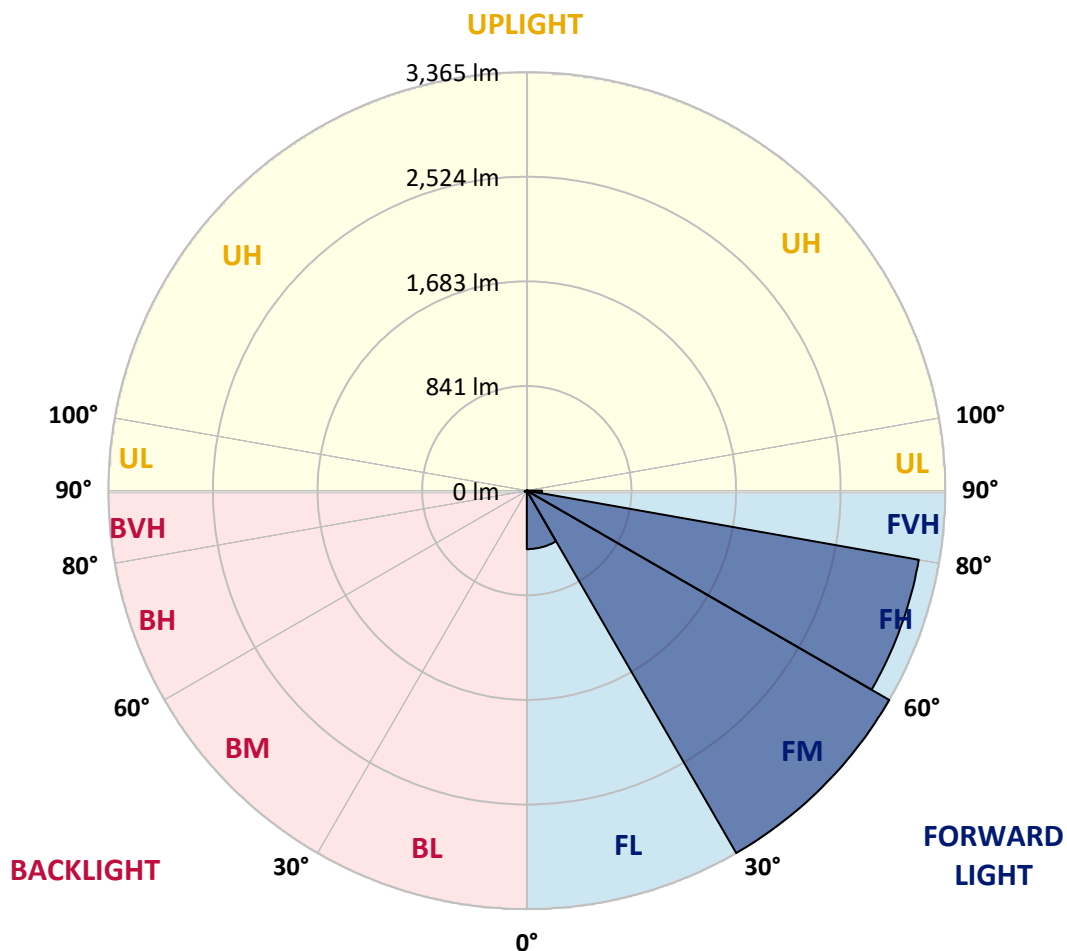
CATALOG NUMBER: GAP-SA2B-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	470.5	6.5			
FM	(30°-60°)	3365.4	46.8			
FH	(60°-80°)	3200.8	44.5			G2/5000
FVH	(80°-90°)	122.6	1.7			G2/225
BL	(0°-30°)	5.4	0.1	B0/110		
BM	(30°-60°)	7.7	0.1	B0/220		
BH	(60°-80°)	18.1	0.3	B0/110		G0/110
BVH	(80°-90°)	0.4	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 IV Short



REPORT NUMBER: P1057587

CATALOG NUMBER: GAP-SA2B-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
2.5°	117.3	116.0	110.6	103.9	98.5	94.4	89.0	80.9	72.8	63.4	56.6
5°	307.5	306.2	284.6	257.6	221.2	196.9	172.6	133.5	101.2	78.2	59.3
7.5°	569.2	565.1	544.9	503.1	426.2	384.4	339.9	238.7	155.1	97.1	63.4
10°	828.2	825.5	799.8	739.1	655.5	613.7	554.4	407.3	244.1	126.8	68.8
12.5°	980.6	987.3	968.4	940.1	868.6	829.5	762.1	592.1	375.0	174.0	75.5
15°	1106.0	1108.7	1091.2	1073.6	1034.5	1002.2	945.5	789.0	531.4	237.4	83.6
17.5°	1261.1	1257.1	1238.2	1218.0	1174.8	1150.5	1114.1	971.1	698.7	327.8	94.4
20°	1458.0	1447.3	1425.7	1390.6	1343.4	1313.7	1276.0	1157.3	865.9	427.6	107.9
22.5°	1710.3	1696.8	1673.8	1641.5	1557.9	1512.0	1463.4	1316.4	1050.7	554.4	125.4
25°	2001.6	1994.9	1970.6	1924.7	1835.7	1775.0	1696.8	1502.6	1234.1	689.2	147.0
27.5°	2344.2	2332.1	2299.7	2245.7	2150.0	2070.4	1973.3	1707.6	1409.5	832.2	174.0
30°	2727.3	2700.3	2634.2	2587.0	2475.0	2396.8	2283.5	1980.0	1590.2	981.9	202.3
32.5°	3083.3	3048.3	2952.5	2887.8	2783.9	2713.8	2609.9	2255.2	1793.9	1138.4	238.7
35°	3405.7	3367.9	3212.8	3114.4	3061.8	3002.4	2897.2	2569.4	2013.7	1305.6	280.5
37.5°	3678.1	3640.4	3440.8	3285.7	3253.3	3233.0	3148.1	2835.2	2263.3	1494.5	329.1
40°	3830.6	3806.3	3633.6	3458.3	3396.3	3372.0	3309.9	3057.7	2541.1	1683.3	385.8
42.5°	3877.8	3862.9	3722.7	3636.3	3523.0	3474.5	3400.3	3227.7	2779.9	1895.0	450.5
45°	3852.1	3836.0	3733.4	3753.7	3659.3	3564.8	3463.7	3343.6	2980.8	2144.6	531.4
47.5°	3742.9	3737.5	3667.4	3782.0	3771.2	3663.3	3537.9	3420.5	3153.5	2386.0	632.6
50°	3475.8	3473.1	3505.5	3742.9	3845.4	3744.2	3618.8	3489.3	3291.0	2627.4	762.1
52.5°	3115.7	3134.6	3297.8	3670.1	3867.0	3807.6	3699.7	3567.5	3404.3	2868.9	936.1
55°	2925.5	2941.7	3156.2	3590.5	3862.9	3845.4	3782.0	3643.1	3508.2	3067.1	1168.1
57.5°	3069.8	3052.3	3150.8	3579.7	3845.4	3877.8	3841.4	3702.4	3602.6	3242.5	1489.1
60°	3343.6	3338.3	3350.4	3656.6	3881.8	3930.4	3904.7	3742.9	3695.7	3376.0	1842.4
62.5°	3620.1	3605.3	3617.5	3868.3	4008.6	4042.3	4011.3	3809.0	3768.5	3473.1	2225.5
65°	3757.7	3746.9	3803.6	4081.4	4189.3	4212.3	4171.8	3915.5	3780.7	3523.0	2466.9
67.5°	3740.2	3737.5	3869.7	4231.2	4340.4	4353.9	4320.2	4022.1	3729.4	3521.7	2492.6
69°	3657.9	3652.5	3826.5	4246.0	4389.0	4398.4	4343.1	3968.1	3599.9	3431.3	2310.5
70°	3560.8	3566.2	3763.1	4219.0	4390.3	4376.8	4248.7	3891.3	3501.5	3327.5	2078.5
72.5°	3199.3	3233.0	3502.8	4042.3	4205.5	4054.5	3887.2	3639.0	3314.0	2836.5	1451.3
75°	2676.0	2723.2	3071.2	3675.5	3616.1	3540.6	3520.3	3331.5	3002.4	1884.3	1031.8
77.5°	1308.3	1464.8	2179.6	2823.0	2967.3	3044.2	3015.9	2754.2	2413.0	925.3	673.0
80°	68.8	71.5	114.6	269.8	1374.4	1748.0	2150.0	2102.8	1826.3	422.2	354.7
82.5°	36.4	36.4	40.5	47.2	55.3	66.1	175.3	1204.5	1085.8	217.2	132.2
85°	20.2	20.2	24.3	32.4	41.8	48.6	55.3	72.8	233.3	78.2	21.6
87.5°	9.4	12.1	16.2	22.9	29.7	37.8	43.2	54.0	68.8	66.1	4.0
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: P1057587

CATALOG NUMBER: GAP-SA2B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
2.5°	52.6	49.9	45.9	43.2	41.8	39.1	36.4	35.1	33.7	32.4	33.7
5°	52.6	48.6	41.8	37.8	35.1	31.0	28.3	27.0	25.6	24.3	24.3
7.5°	52.6	45.9	37.8	32.4	28.3	25.6	21.6	20.2	18.9	17.5	17.5
10°	54.0	43.2	33.7	28.3	24.3	20.2	17.5	14.8	13.5	13.5	13.5
12.5°	54.0	40.5	29.7	24.3	20.2	16.2	12.1	9.4	8.1	8.1	8.1
15°	54.0	37.8	27.0	20.2	16.2	12.1	6.7	4.0	2.7	2.7	1.3
17.5°	55.3	36.4	24.3	17.5	12.1	6.7	1.3	0.0	0.0	0.0	0.0
20°	58.0	35.1	21.6	14.8	8.1	2.7	0.0	0.0	0.0	0.0	0.0
22.5°	60.7	33.7	18.9	10.8	4.0	1.3	0.0	0.0	0.0	0.0	0.0
25°	66.1	33.7	17.5	9.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	71.5	33.7	13.5	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	75.5	33.7	12.1	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	80.9	33.7	10.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	85.0	32.4	8.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	89.0	31.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	94.4	29.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	99.8	27.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	106.6	25.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	116.0	24.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	129.5	24.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	152.4	24.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	190.2	24.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	256.3	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	385.8	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	596.2	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	911.8	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1155.9	39.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1044.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	884.8	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	492.3	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	256.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	109.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	32.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.8	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.0	2.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	1.3	1.3	1.3	1.3	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

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: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE\ R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)