

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: P991022

Luminaire Tested: **GPC-SA2B-727-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991022
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2B-727-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 2xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7482.1 lumens
Efficiency: N/A
Efficacy: 103.6 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): 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: 24 FT



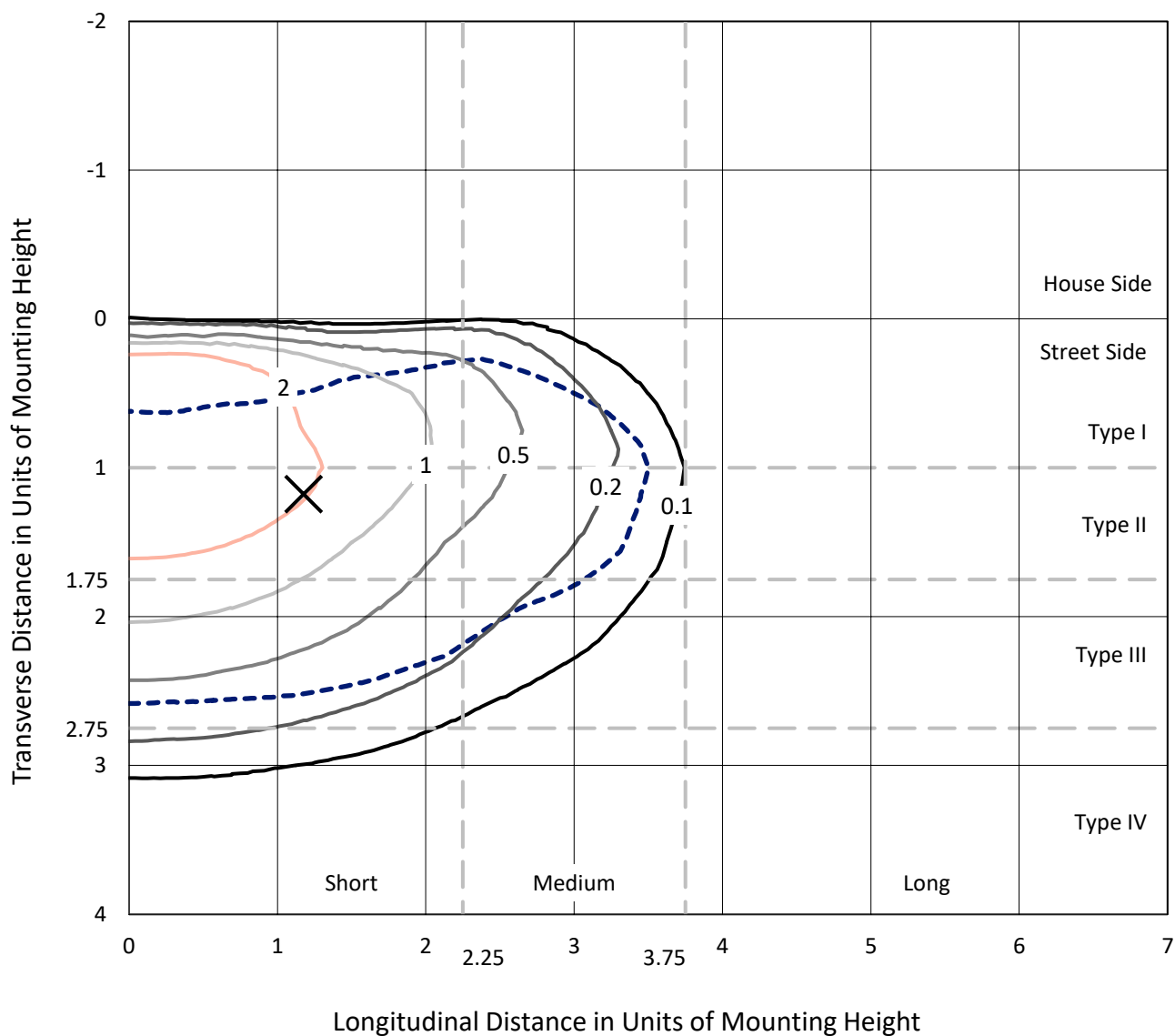
REPORT NUMBER: P991022

CATALOG NUMBER: GPC-SA2B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

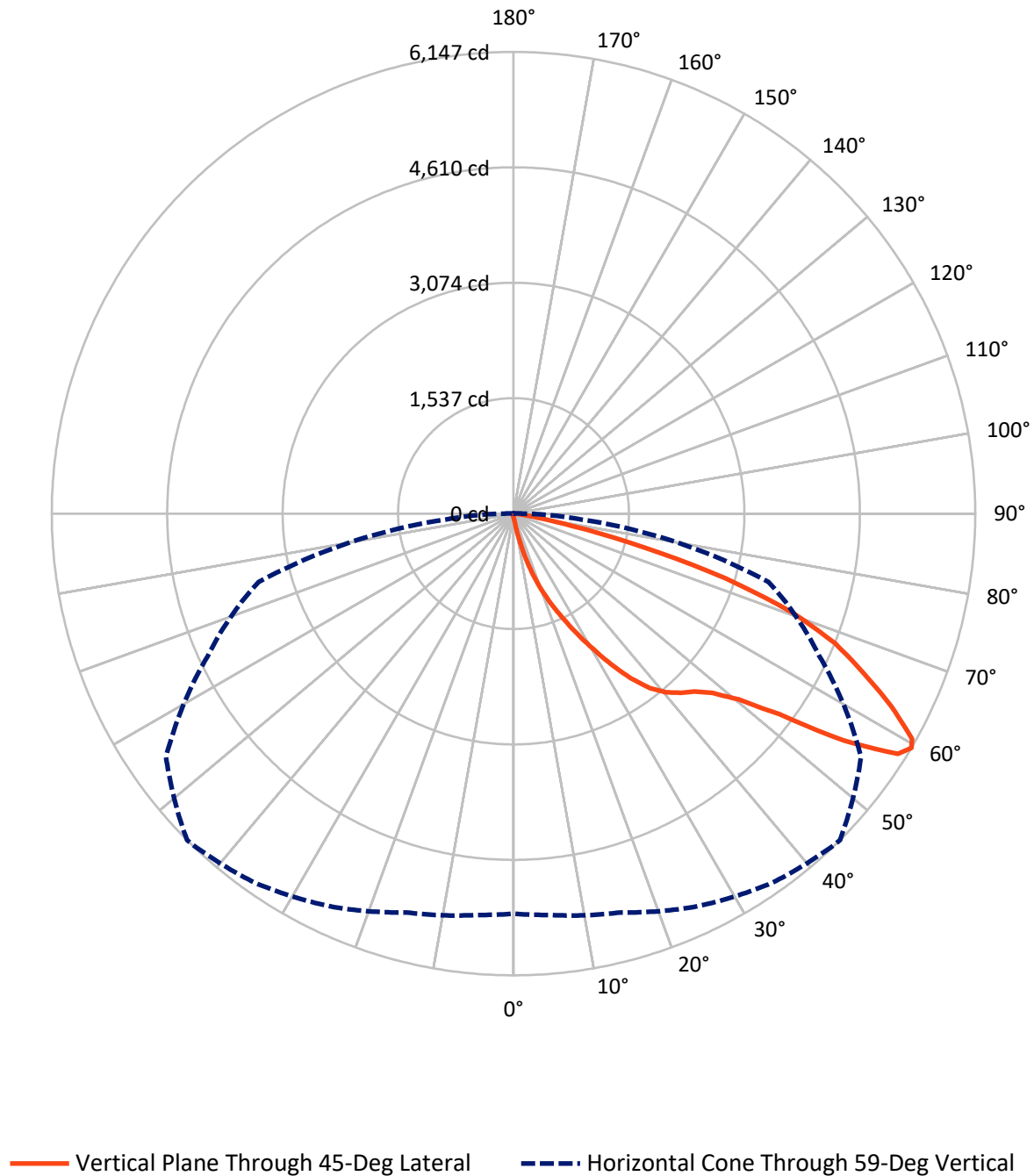


Based on 20 foot mounting height. Maximum calculated value = 4.7 fc

Type III - Short - N/A

REPORT NUMBER: P991022
CATALOG NUMBER: GPC-SA2B-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991022

CATALOG NUMBER: GPC-SA2B-727-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.3	0.0	20.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	7461.8	0.0	7461.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	7482.1	0.0	7482.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	0.1
10°-20°	86.6	1.2
20°-30°	306.3	4.1
30°-40°	705.9	9.4
40°-50°	1190.8	15.9
50°-60°	1963.2	26.2
60°-70°	2230.3	29.8
70°-80°	917.0	12.3
80°-90°	74.7	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°	7482.1	100.0
0°-180°	7482.1	100.0



REPORT NUMBER: P991022

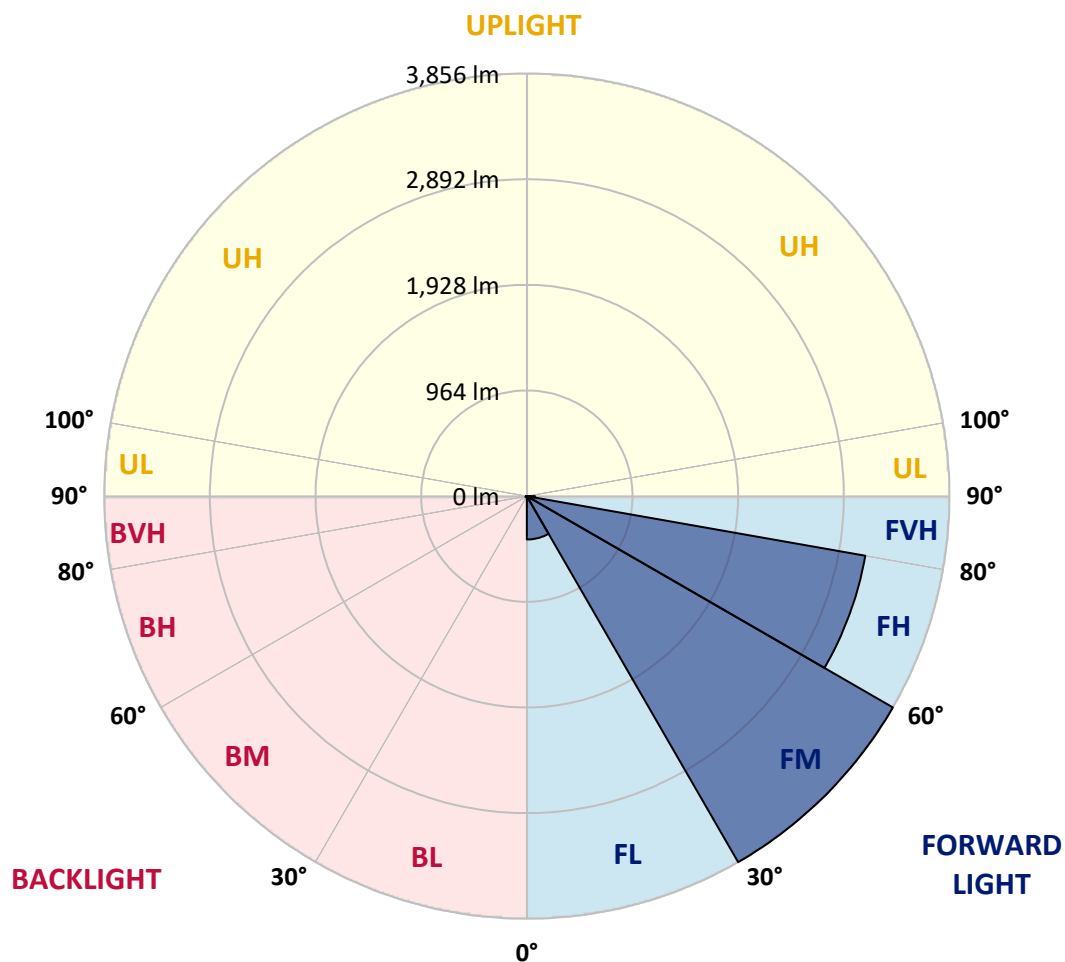
CATALOG NUMBER: GPC-SA2B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	395.9	5.3			
FM	(30°-60°)	3856.1	51.5			
FH	(60°-80°)	3135.7	41.9			G2/5000
FVH	(80°-90°)	74.1	1.0			G1/100
BL	(0°-30°)	4.3	0.1	B0/110		
BM	(30°-60°)	3.9	0.1	B0/220		
BH	(60°-80°)	11.6	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-G2

Type III Short





REPORT NUMBER: P991022

CATALOG NUMBER: GPC-SA2B-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
2.5°	55.9	56.5	55.9	55.2	52.8	50.4	50.4	48.6	46.7	44.9	43.1
5°	98.3	95.9	93.5	88.0	77.7	68.6	67.4	59.5	52.8	48.0	43.7
7.5°	249.5	242.8	219.8	192.4	146.3	112.3	111.1	84.4	63.7	52.2	44.3
10°	520.9	502.7	467.4	409.2	316.3	231.3	213.1	129.9	83.8	57.7	44.9
12.5°	791.6	792.2	758.8	679.3	565.8	429.2	405.5	234.9	119.6	67.4	45.5
15°	1029.6	1023.5	994.4	937.9	815.3	657.5	636.2	403.7	180.9	80.7	46.7
17.5°	1211.7	1203.2	1185.6	1147.4	1057.5	902.1	879.7	608.9	280.5	98.3	47.4
20°	1425.4	1419.3	1396.9	1344.1	1262.1	1138.3	1106.1	833.5	427.4	127.5	48.6
22.5°	1690.1	1672.5	1645.2	1577.8	1476.4	1343.5	1332.5	1061.8	607.7	173.0	51.0
25°	1996.1	1971.2	1939.0	1854.0	1728.9	1567.5	1554.1	1285.8	801.9	241.6	54.6
27.5°	2367.0	2343.9	2286.2	2176.4	2026.4	1833.4	1818.2	1514.7	1017.5	335.1	59.5
30°	2768.9	2739.1	2643.8	2501.1	2358.5	2130.2	2093.8	1749.0	1233.0	451.7	66.2
32.5°	3143.4	3105.2	2987.4	2818.6	2669.3	2428.3	2396.1	2013.7	1459.4	590.7	76.5
35°	3475.5	3430.6	3267.3	3083.3	2933.4	2720.9	2691.8	2271.1	1679.2	748.5	89.2
37.5°	3739.6	3709.8	3484.0	3276.4	3154.4	2966.2	2946.7	2547.3	1923.8	930.6	106.8
40°	4012.2	3972.7	3707.4	3445.8	3307.3	3150.7	3127.7	2769.5	2158.8	1127.3	128.7
42.5°	4242.8	4205.8	3956.3	3678.9	3462.8	3276.4	3261.8	2955.8	2386.4	1331.9	157.2
45°	4486.9	4453.5	4230.1	4012.8	3688.6	3401.4	3376.6	3110.0	2608.6	1571.1	194.9
47.5°	4822.0	4777.7	4564.6	4397.7	4026.7	3593.9	3566.0	3261.2	2833.8	1821.2	247.1
50°	5241.5	5209.3	5055.1	4922.2	4528.8	3944.8	3885.3	3457.3	3047.5	2107.8	315.1
52.5°	5648.8	5637.9	5648.8	5601.5	5302.2	4553.7	4437.7	3786.9	3319.5	2407.1	403.7
55°	5699.8	5733.2	5865.0	6016.7	5966.9	5426.0	5328.3	4289.0	3655.8	2784.7	539.1
57.5°	5515.3	5534.1	5702.3	5970.0	6130.9	6048.3	6036.1	5120.1	4130.5	3233.3	742.5
59°	5326.5	5363.5	5497.7	5770.9	6001.5	6137.5	6147.2	5647.6	4491.7	3512.5	910.0
60°	5221.5	5233.0	5336.8	5605.7	5853.4	6068.3	6096.2	5917.8	4776.5	3723.2	1060.0
62.5°	4890.0	4896.1	4951.9	5163.8	5382.9	5580.8	5639.7	6082.3	5566.9	4251.3	1589.9
65°	4456.5	4464.4	4548.8	4752.2	4961.0	5094.0	5118.9	5620.9	5983.3	4801.4	2330.0
67.5°	3675.2	3719.5	3827.0	4147.5	4441.4	4600.4	4618.6	4807.4	5755.7	5173.5	2721.5
70°	2488.4	2446.5	2713.0	3159.2	3690.4	3929.6	3930.8	4013.4	4899.7	5081.8	2269.2
72.5°	1086.7	1153.4	1347.7	1740.5	2384.0	2960.7	2948.6	3229.0	3907.7	4317.5	1687.1
75°	477.2	492.3	574.3	782.5	1084.2	1608.1	1793.3	2592.2	2941.3	2823.5	1226.9
77.5°	256.8	260.4	282.3	327.2	414.6	759.5	801.9	1642.1	2085.3	1627.6	792.8
80°	97.7	97.7	102.0	117.2	173.0	296.9	318.7	741.8	1438.8	831.7	400.7
82.5°	61.3	60.1	60.7	61.3	70.4	101.4	108.1	295.0	679.3	410.4	105.6
85°	31.0	32.2	35.8	43.1	51.0	62.5	64.3	92.3	206.4	95.9	27.3
87.5°	20.0	20.6	22.5	29.1	35.8	45.5	46.7	64.3	82.0	67.4	5.5
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: P991022

CATALOG NUMBER: GPC-SA2B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
2.5°	42.5	41.3	39.5	37.6	35.8	32.8	30.4	29.1	28.5	27.9	27.9
5°	41.9	40.1	36.4	33.4	30.4	26.7	23.7	21.9	21.2	20.6	20.6
7.5°	41.3	38.2	34.0	29.7	25.5	21.2	17.6	15.8	15.2	14.6	14.0
10°	40.7	37.0	31.0	26.1	21.2	16.4	12.7	10.3	9.7	9.1	9.1
12.5°	40.1	35.2	28.5	23.1	17.0	11.5	8.5	6.1	4.9	4.2	4.2
15°	39.5	33.4	26.7	19.4	12.7	7.3	3.6	1.8	0.6	0.6	0.6
17.5°	37.6	31.6	23.7	15.2	8.5	3.6	1.2	0.0	0.0	0.0	0.0
20°	36.4	29.7	20.6	11.5	4.9	1.8	0.0	0.0	0.0	0.0	0.0
22.5°	35.8	28.5	17.6	7.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0
25°	35.8	27.3	14.6	6.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	36.4	26.1	11.5	4.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	35.2	24.9	8.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	35.2	22.5	6.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	35.8	19.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	37.6	17.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	40.7	15.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	44.9	15.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	49.8	15.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	57.1	15.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	65.6	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	75.3	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	85.6	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	99.6	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	114.1	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	129.3	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	208.8	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	409.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	700.6	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	744.3	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	488.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	248.9	9.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	111.7	9.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.9	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.2	3.6	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.3	3.6	2.4	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	3.6	3.0	2.4	1.2	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



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

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)